

CONSTRUCTION PHASING

The Northwest restroom remodel (shown on 5/A101) is required to be completed before the Southeast restroom remodel (shown on 4/A101) is started

ITEMS SALVAGED TO OWNER

Door signs that are not reused

WORK BY OWNER

1. Provide and install paper towel, toilet tissue, and soap dispensers.
2. Provide baby changing station. (Installed by contractor)
3. HVAC Test & Balance.

GENERAL NOTES

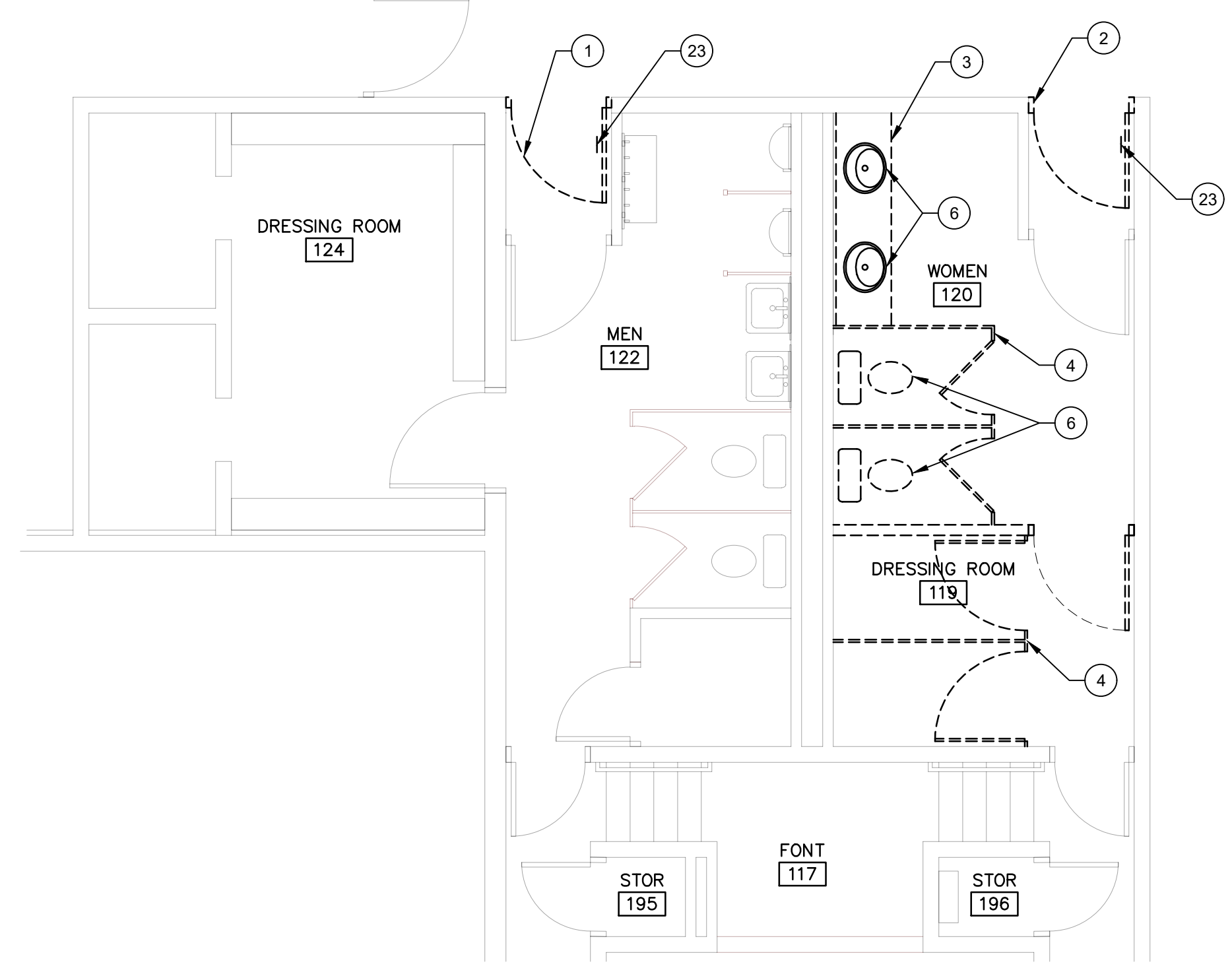
- A. For plumbing fixtures and floor drains, see plumbing sheets.
- B. Remove existing finishes. (Tile floor, tile wall, carpet, etc. As necessary to install new finishes.)
- C. Trim doors as necessary to accommodate new stone thresholds.
- D. Paint all existing surfaces in rooms affected by construction. (Brick, door frames, ceilings, etc.)
- E. Patch ceilings as necessary in rooms 120, 175, 174.
- F. See Sheet A401 for wall finishes, accessories, etc.
- G. See Sheet F101 for floor finishes.

DRAWING INDEX

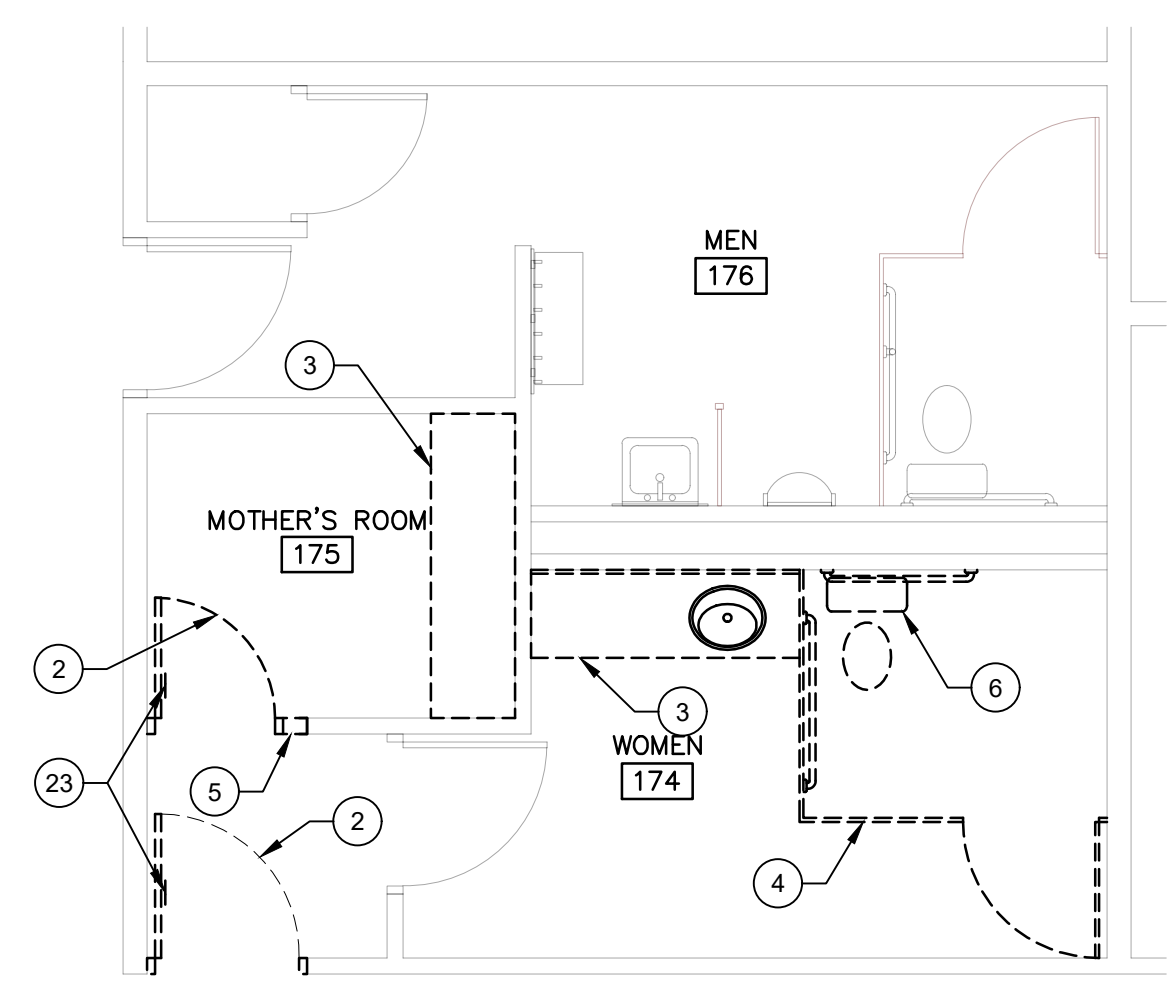
ARCHITECTURAL	
A101	ENLARGED DEMOLITION PLANS AND ENLARGED PLANS
A401	RESTROOM ELEVATIONS AND DETAILS
F101	FLOOR FINISHES PLAN
SITE	
C101	SITE PLAN AND DETAILS
MECHANICAL	
PD101	ENLARGED PLUMBING DEMOLITION PLANS
P101	ENLARGED PLUMBING PLANS
P501	PLUMBING SCHEDULES AND DETAILS
M101	ENLARGED MECHANICAL DEMOLITION PLANS AND ENLARGED MECHANICAL PLANS
M501	MECHANICAL SCHEDULES AND DETAILS
ELECTRICAL	
E101	ENLARGED ELECTRICAL DEMOLITION PLANS AND ENLARGED ELECTRICAL PLANS

KEYED NOTES

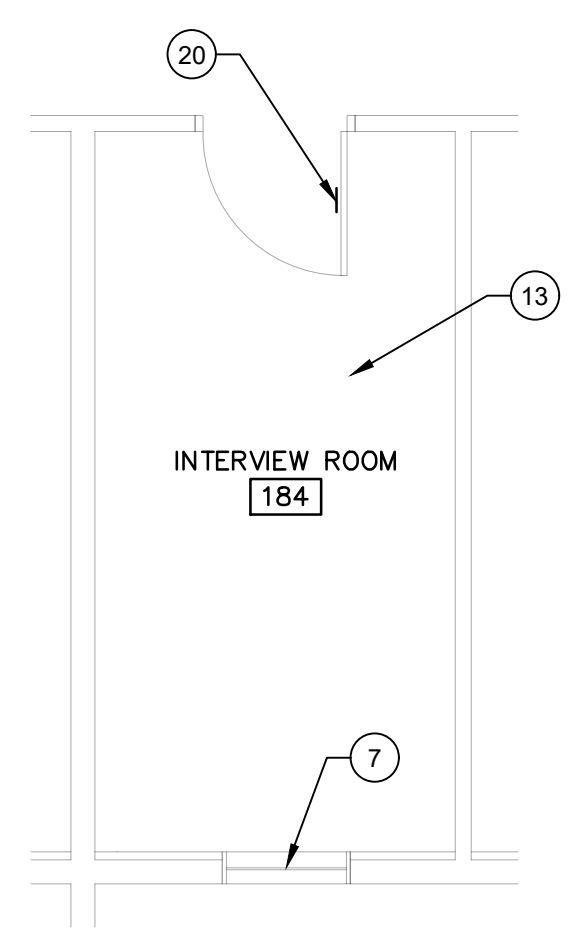
1. Remove existing door and hardware. Existing door frame to remain.
2. Remove existing door, frame, and hardware.
3. Remove existing countertop.
4. Remove existing metal toilet partitions.
5. Sawcut and remove portion of existing brick wall to allow the installation of the new door frame.
6. Remove existing plumbing fixture. Refer to Plumbing sheets.
7. Remove existing window stool.
8. Existing door frame to remain. Fill strike and hinge holes/spaces, sand smooth, and repaint entire door frame.
9. New door and knockdown frame.
 - a. 3'-0" wide x 6'-8" tall door (verify to match opening)
 - b. 3 hinges
 - c. Smoke gaskets
 - d. Push/pull hardware
 - e. Kick plate
 - f. Closer with 90 degree stop arm (cush stop)
10. Existing door and frame to remain. Replace the existing lockset with an F-76 lockset. Add a closer and wall stop.
11. New door and knockdown frame.
 - a. 3'-0" wide x 6'-8" tall door (verify to match opening height)
 - b. 3 hinges
 - c. Smoke gaskets
 - d. F-76 lockset
 - e. Kick plate
 - f. Closer
 - g. Wall stop
12. Existing door and frame to remain.
13. Remove existing 12" x 12" glue-up ceiling tile. Add a new layer of 5/8" gypsum board on the existing gypsum board ceiling. Install a knockdown finish on the new ceiling.
14. Finish the brick wall where the door frame was removed to match the existing adjacent wall finish.
15. New plumbing wall with 2x4 wood studs at 16" on center and 5/8" tile backer on one side.
16. New plumbing wall with 2x6 wood studs at 16" on center and 5/8" tile backer on both sides.
17. New plumbing wall with 2x6 wood studs at 16" on center and 5/8" tile backer on one side.
18. New metal toilet partitions.
19. New countertop. Refer to Sheet A401.
20. Remove door sign and salvage to Owner.
21. New door sign ("Restroom" text, men symbol, women symbol, and symbol of accessibility) provided by Owner and installed by contractor.
22. New door sign ("Women" text, women symbol, and symbol of accessibility) provided by Owner and installed by contractor.
23. Remove existing door sign.
24. Install existing door sign on this door.



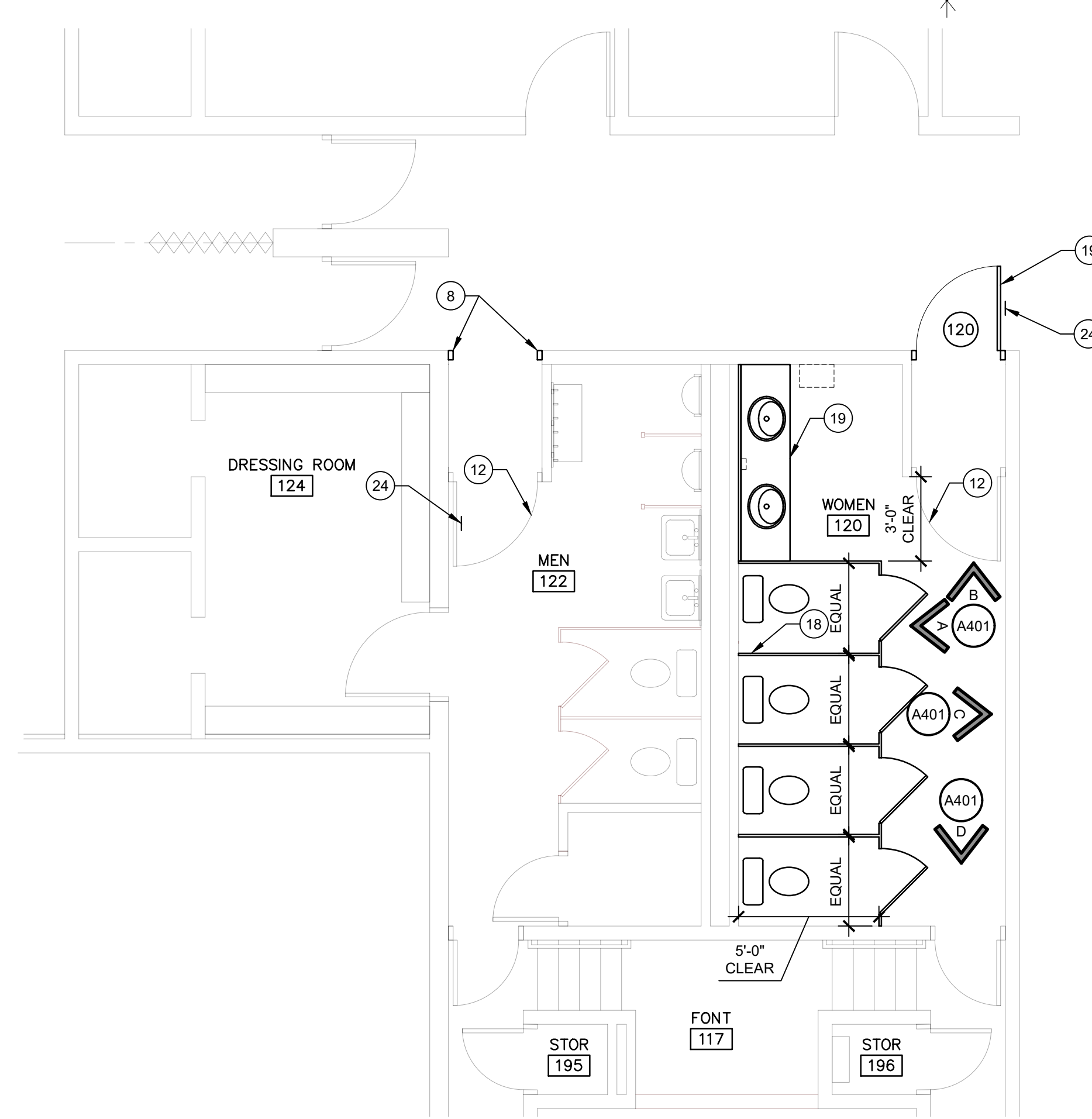
1 ENLARGED DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



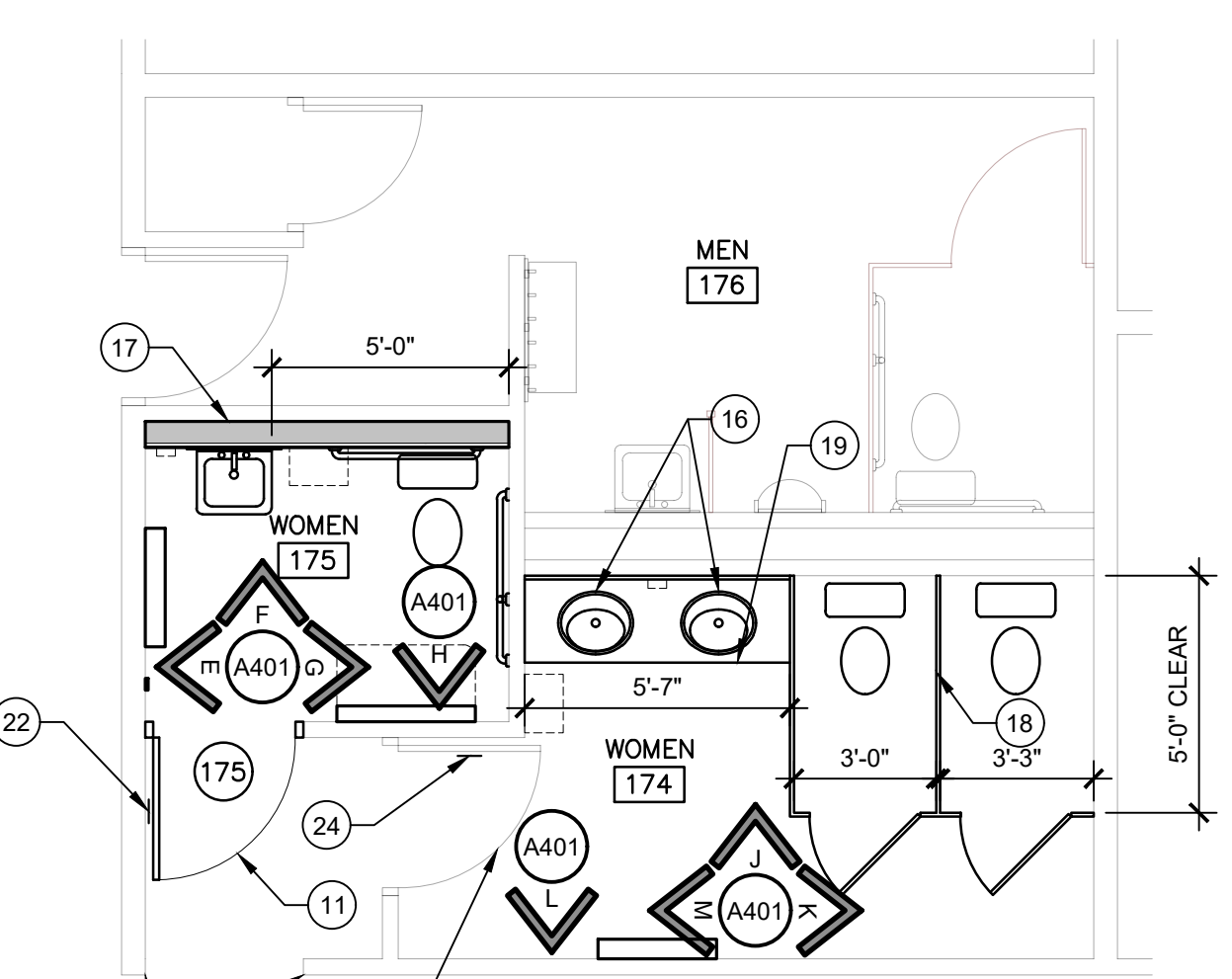
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SCALE: 1/4" = 1'-0"



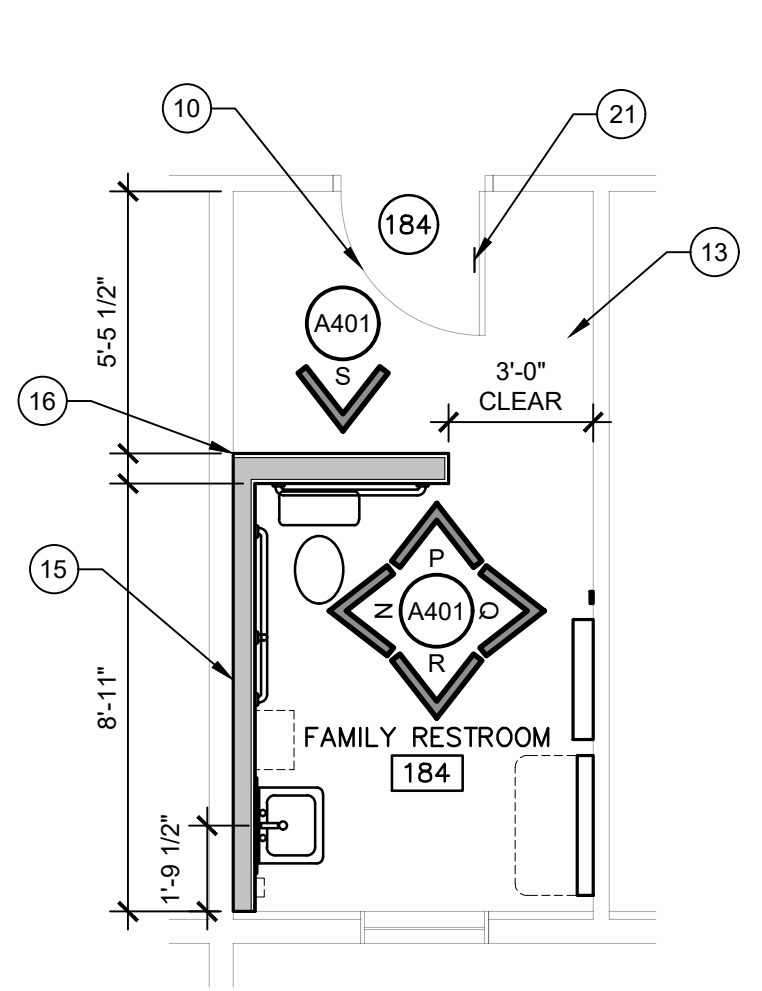
3 ENLARGED DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



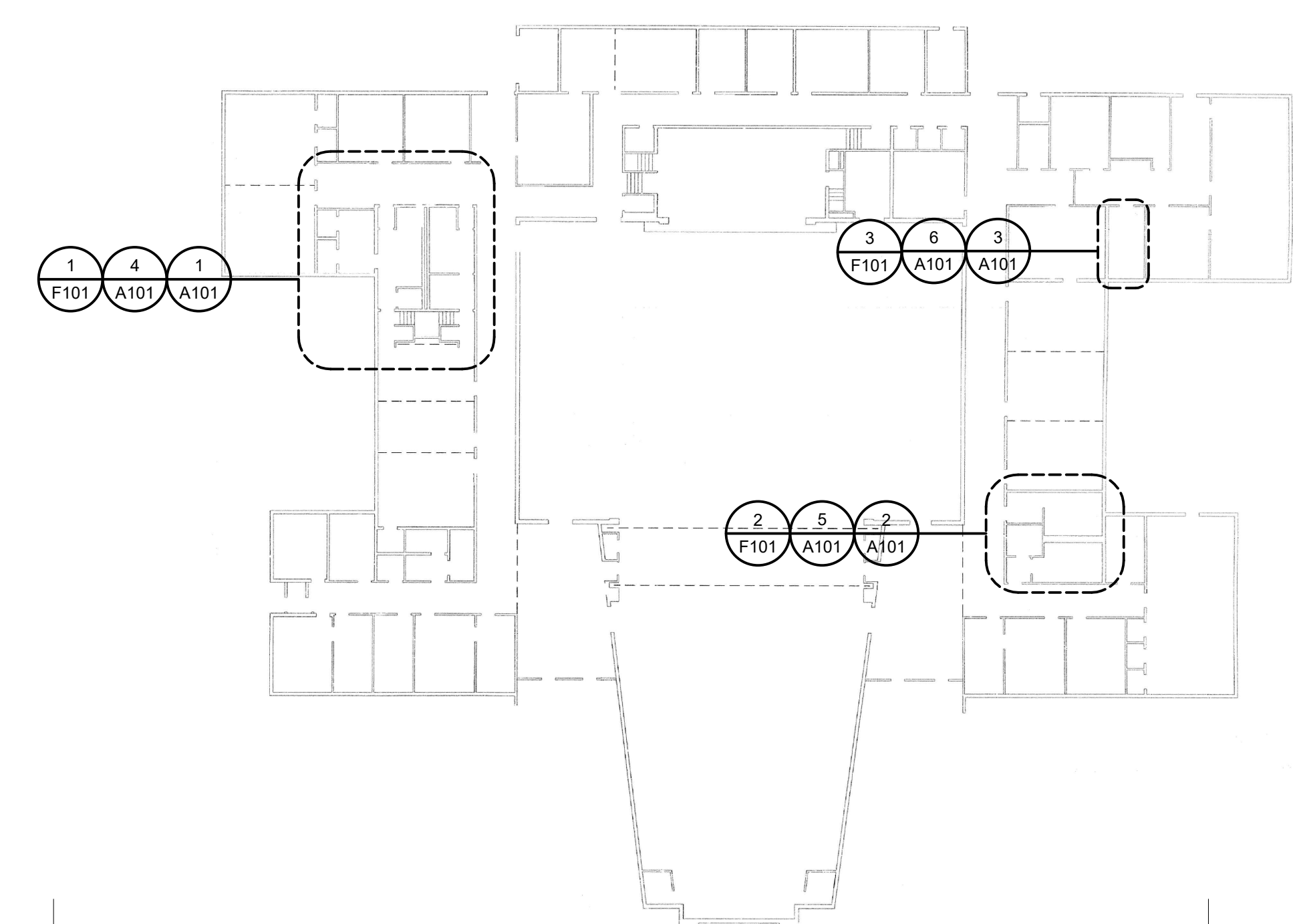
4 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



5 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



6 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



7 KEY PLAN
SCALE: NOT TO SCALE

#	DATE	DESCRIPTION
1	14 April 2017	Owner Review

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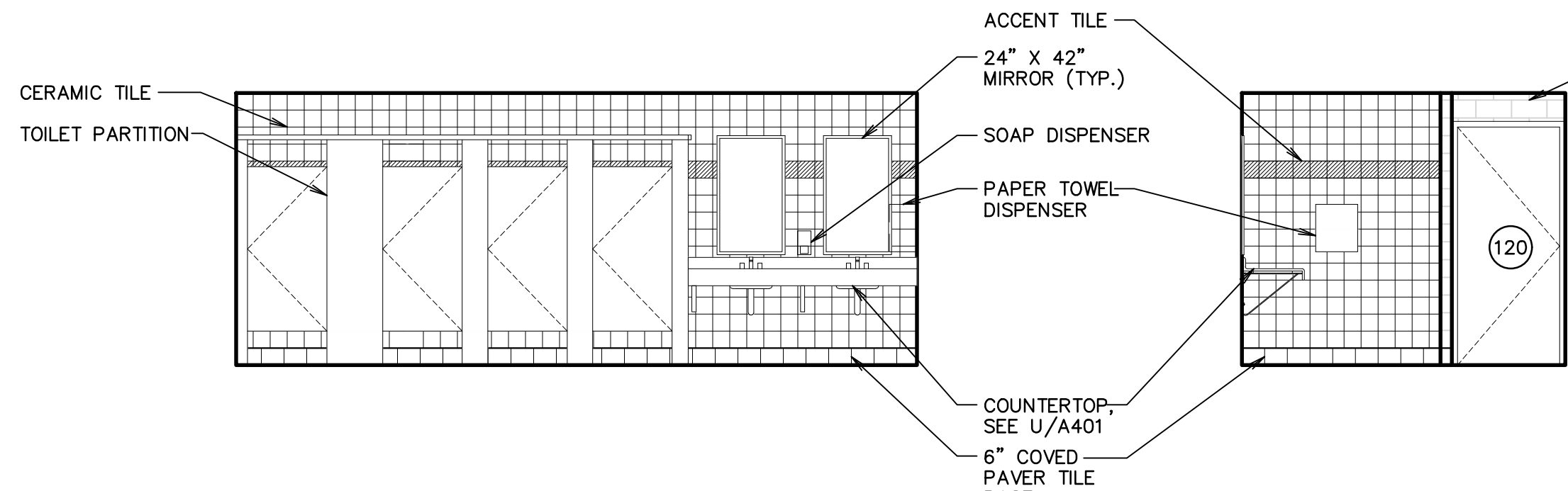
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Lakeridge 1, 4, 7
Orem UT Lakeridge Stake
158 East 1100 South
Orem, Utah
PROP. # 510-1409
PLAN SERIES: Stevets
BIDD/PROJECT # 1621
DATE: 14 Apr 2017

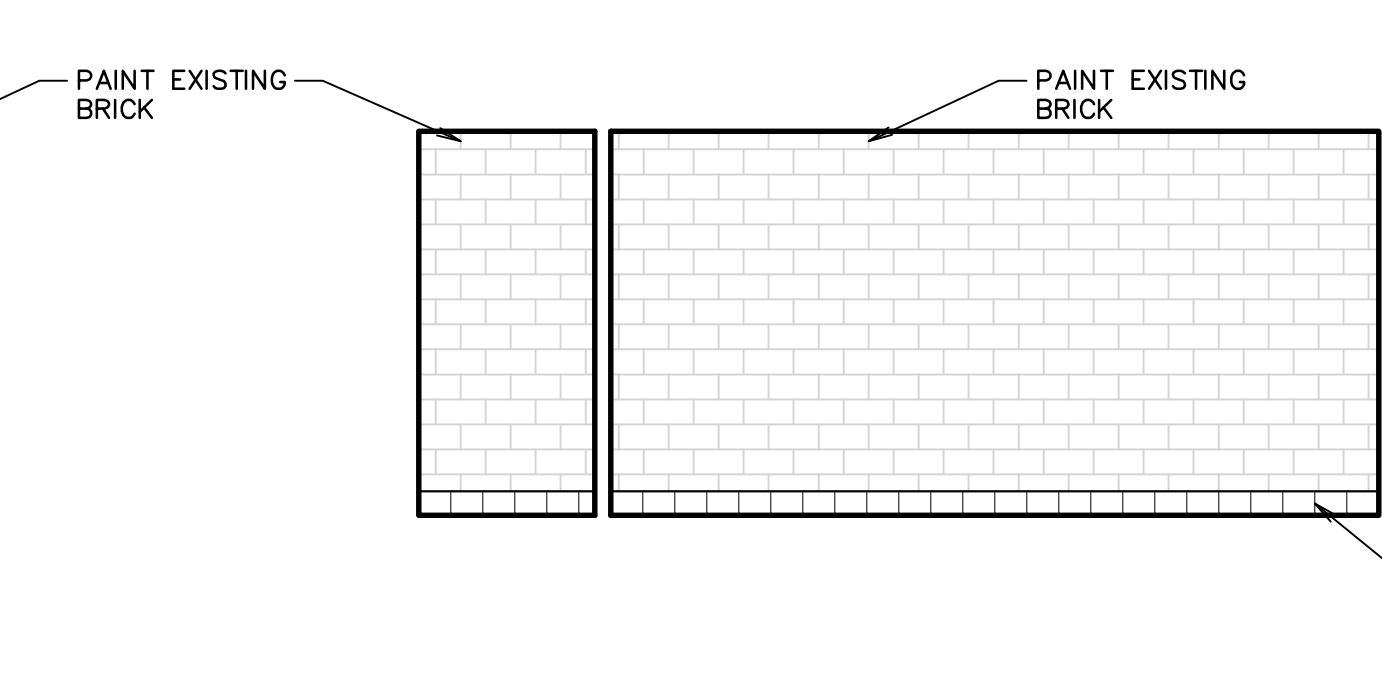
SHEET TITLE:
ENLARGED DEMOLITION PLANS AND ENLARGED PLANS

SHEET:
A101

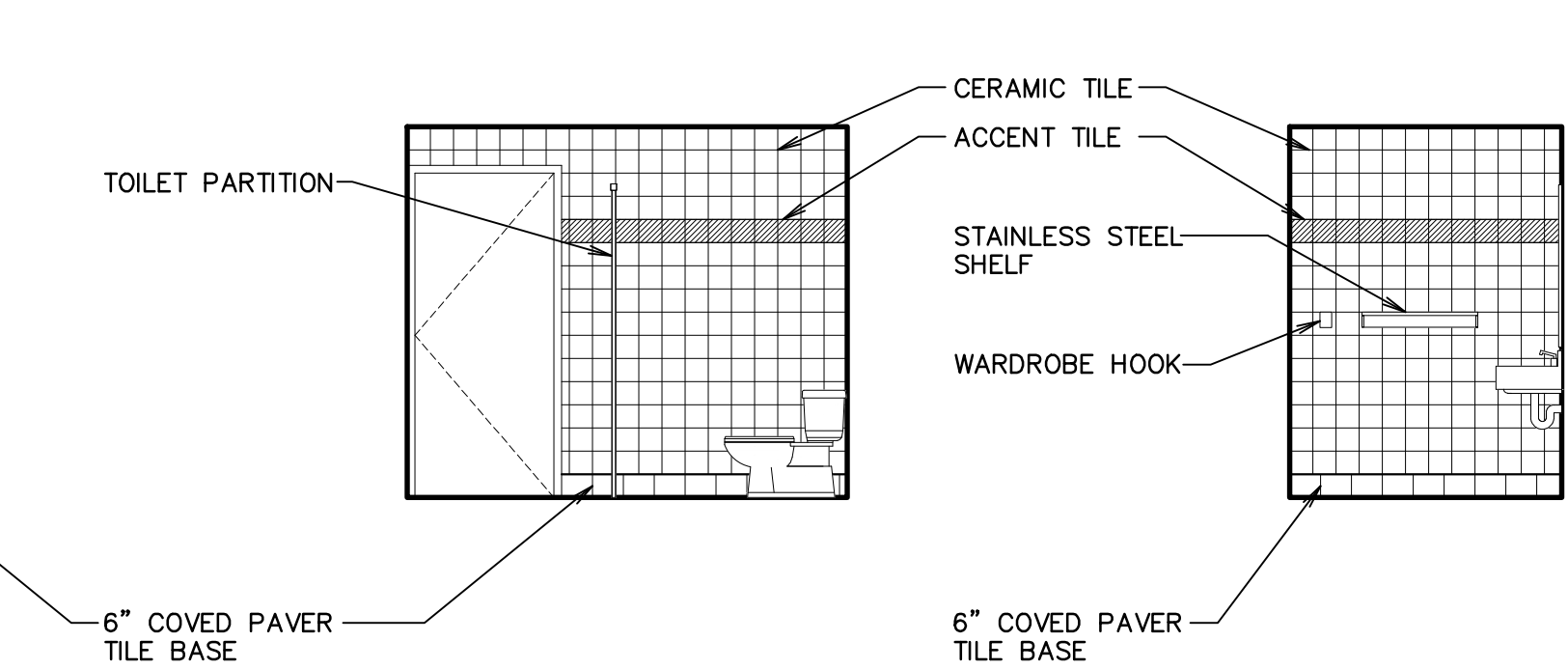
#	DATE	DESCRIPTION
1	14 Apr 2017	Overall Review



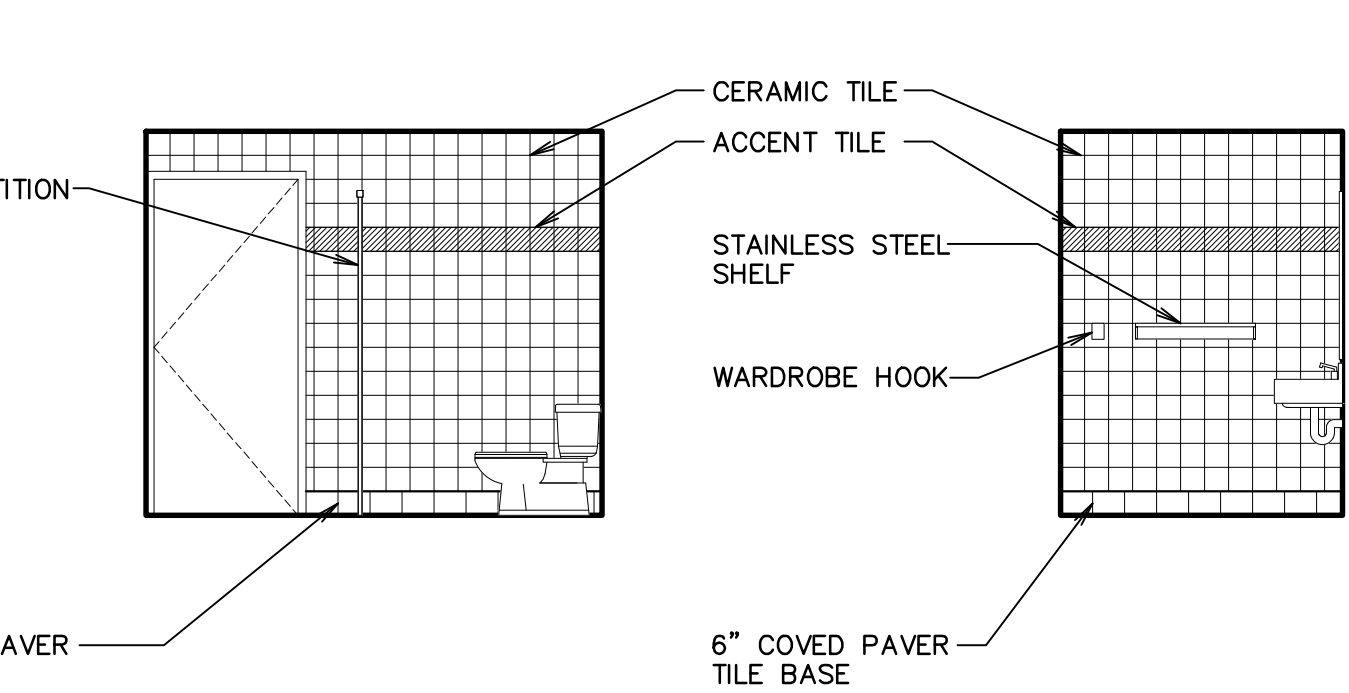
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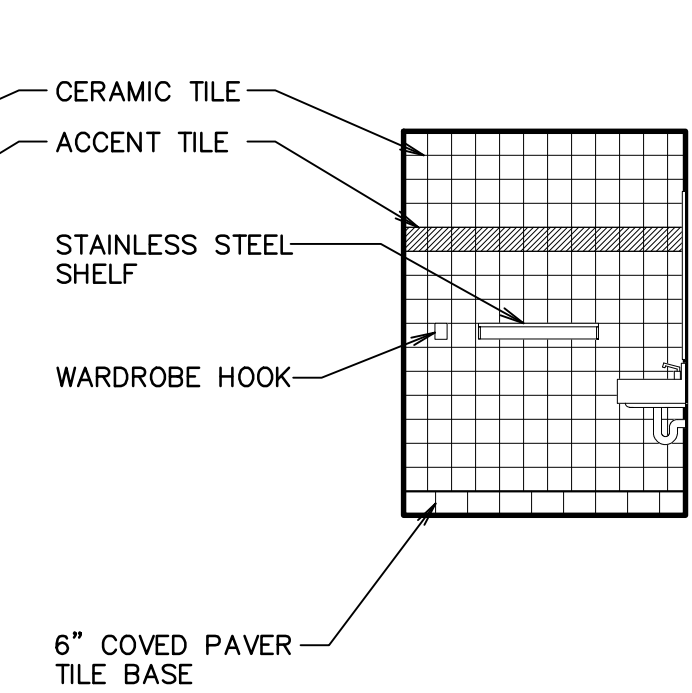
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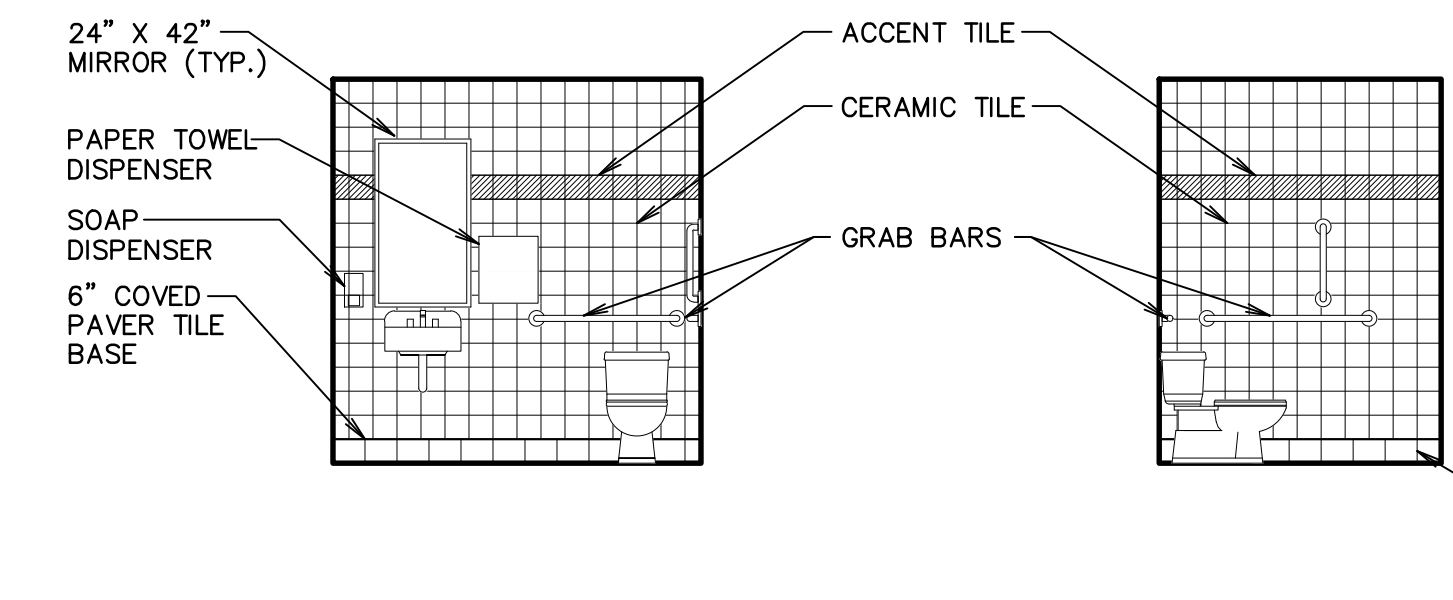
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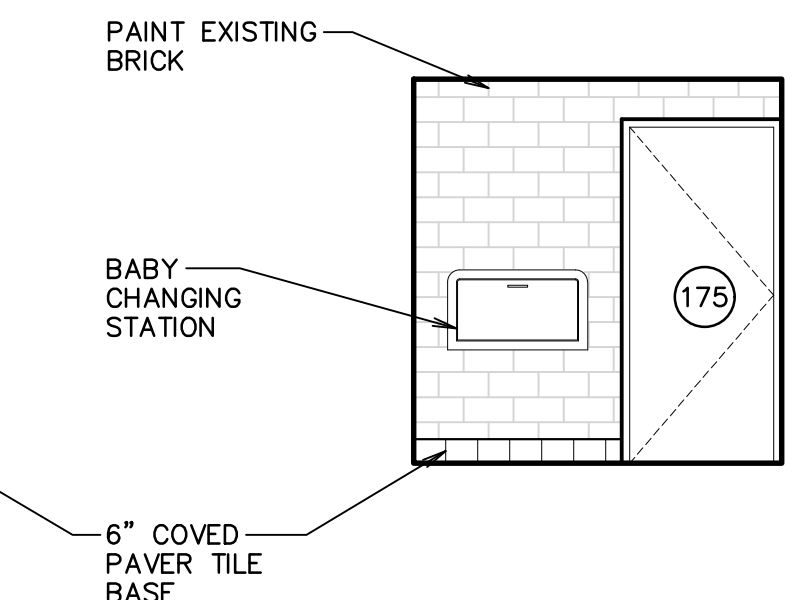
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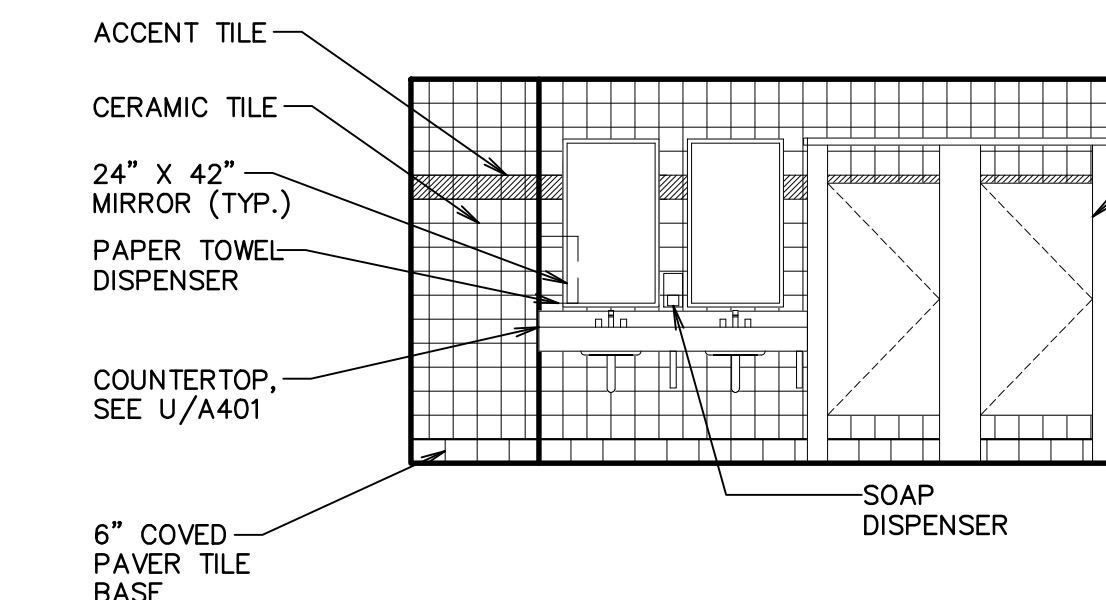
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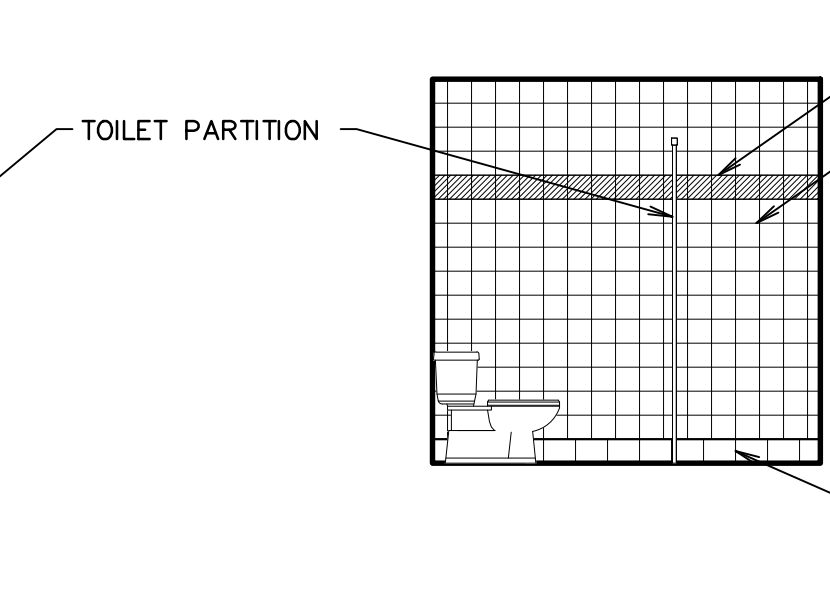
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SCALE: 1/4" = 1'-0"



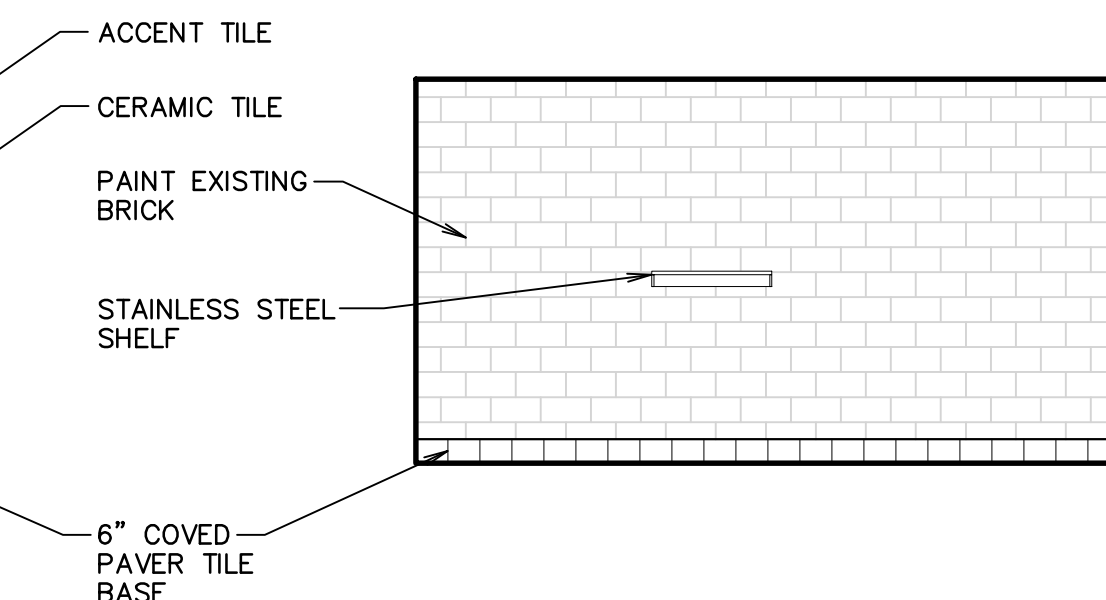
G ELEVATION
SCALE: 1/4" = 1'-0"



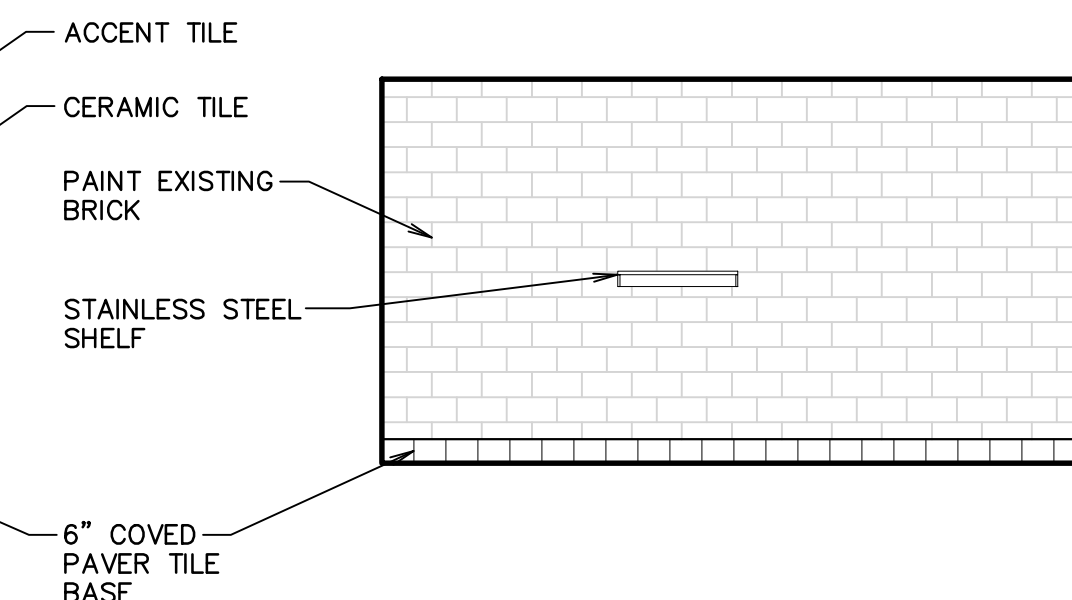
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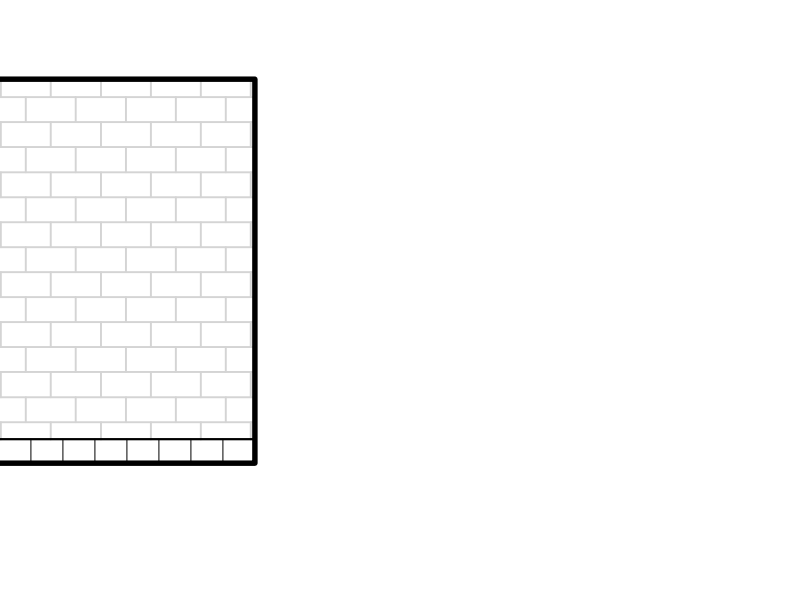
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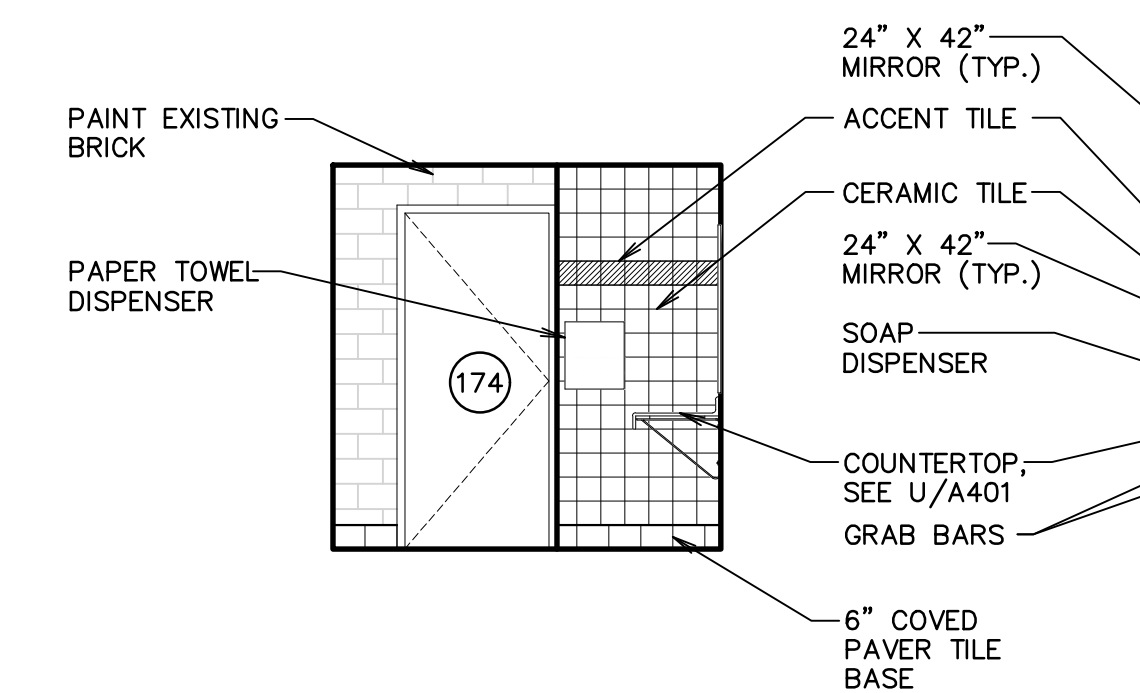
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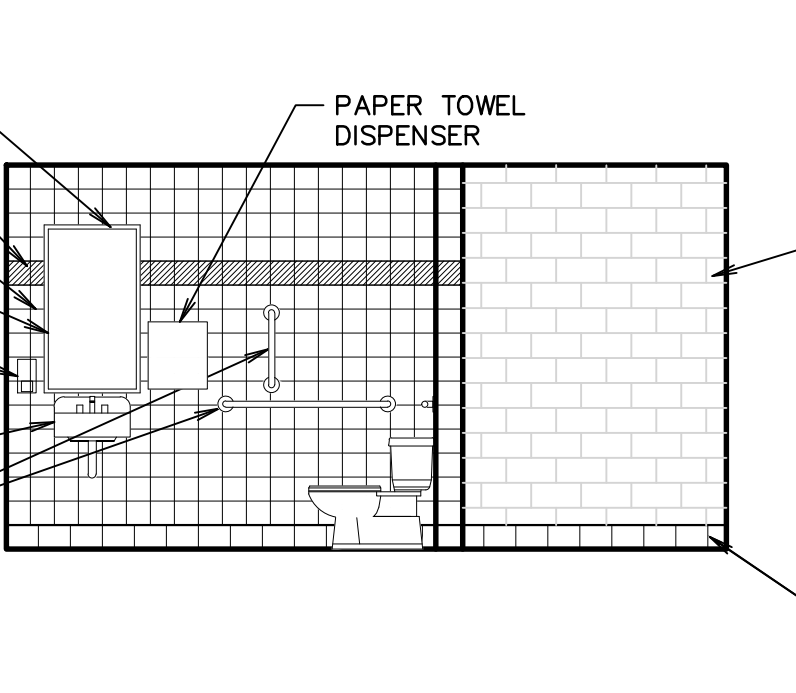
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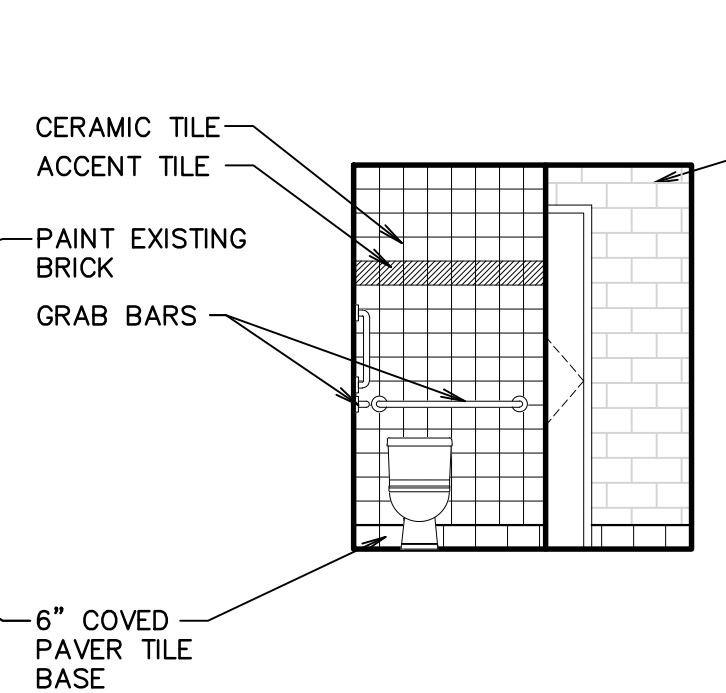
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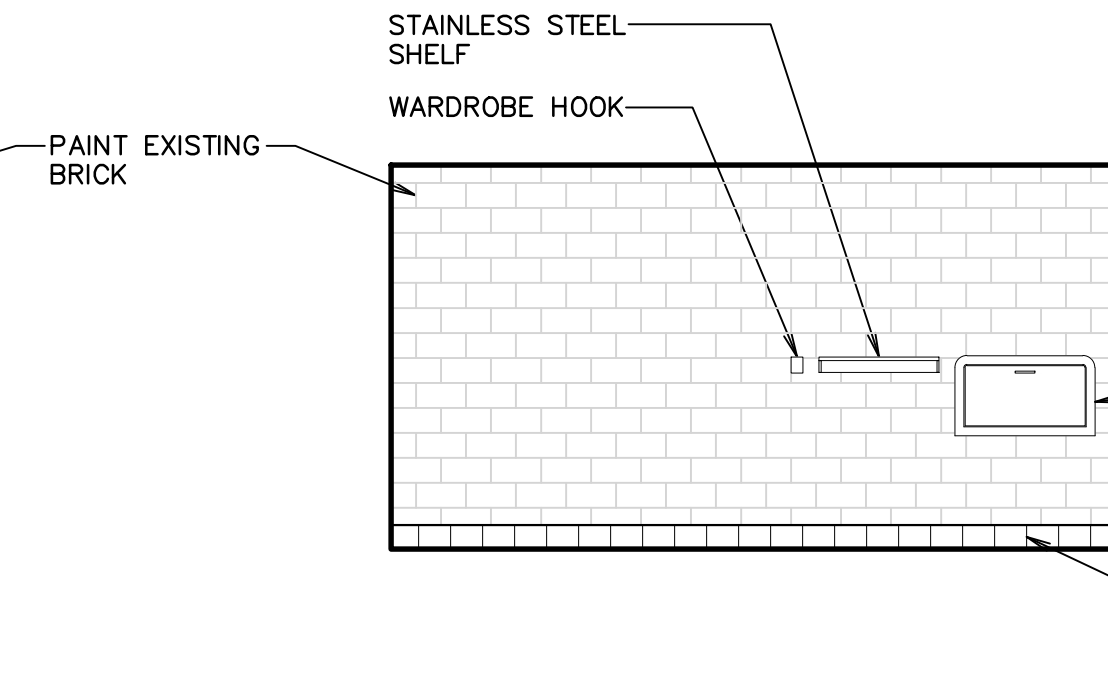
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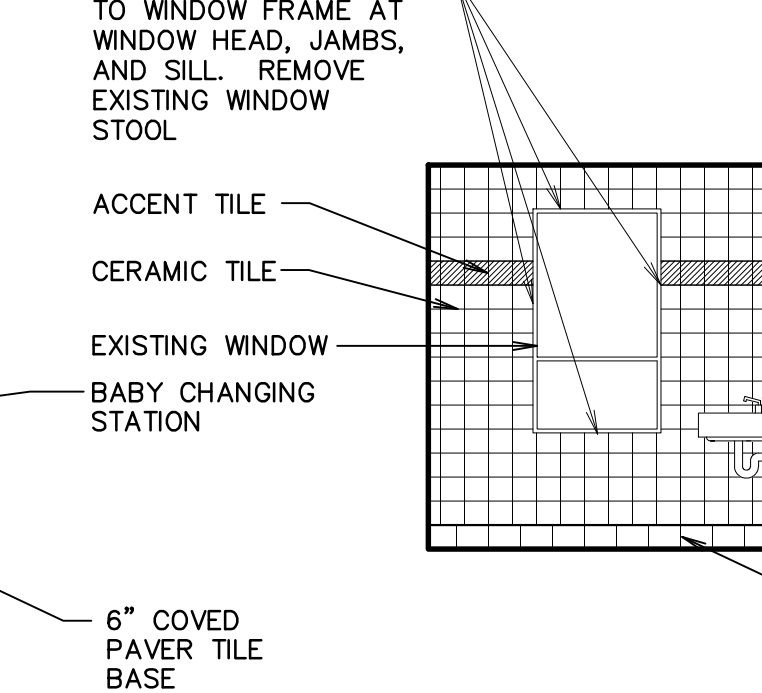
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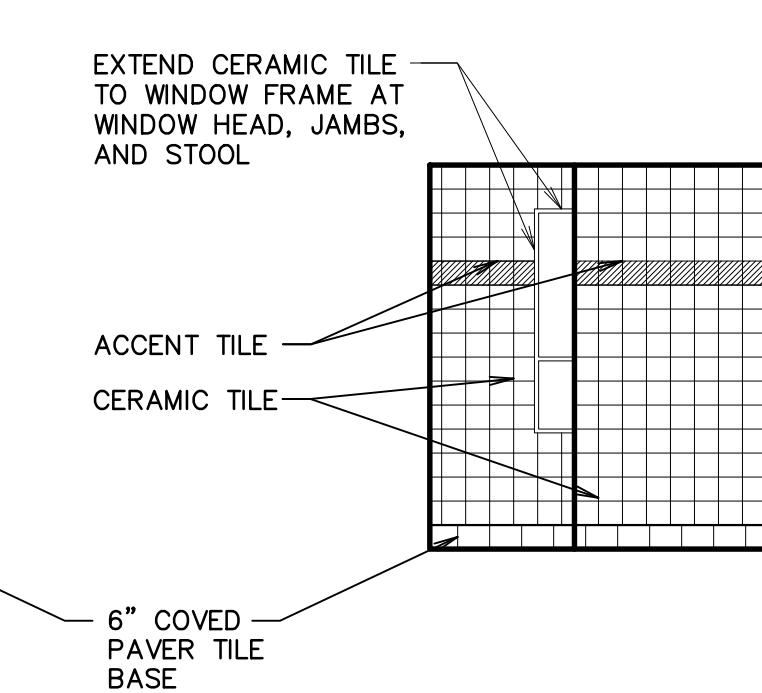
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P ELEVATION
SCALE: 1/4" = 1'-0"



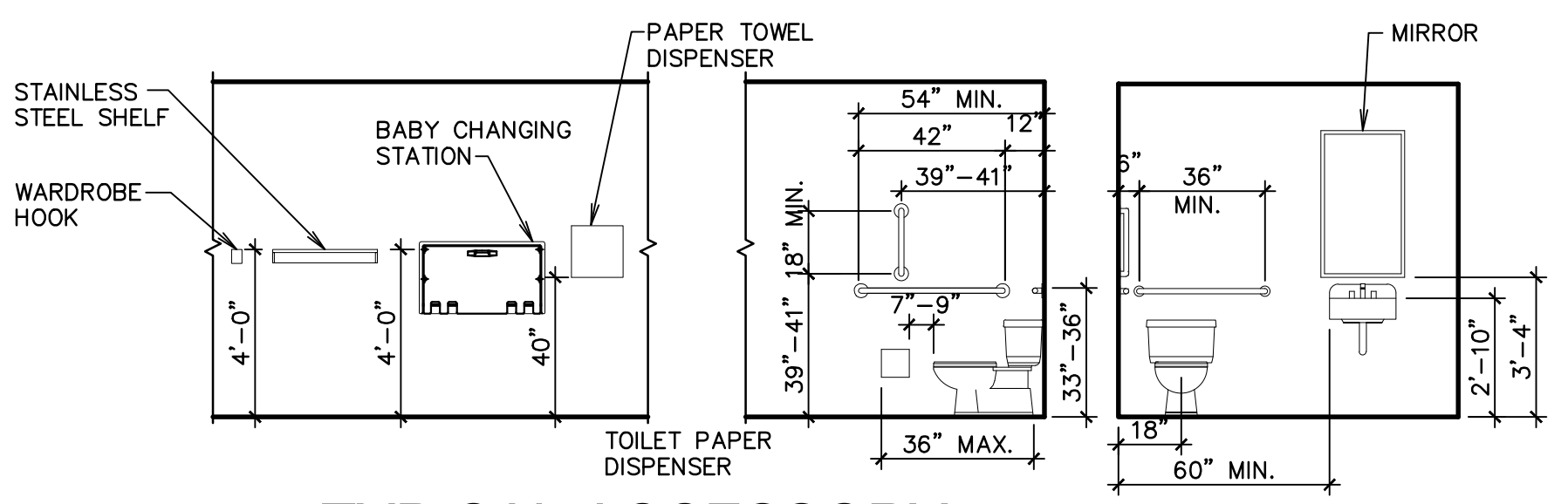
Q ELEVATION
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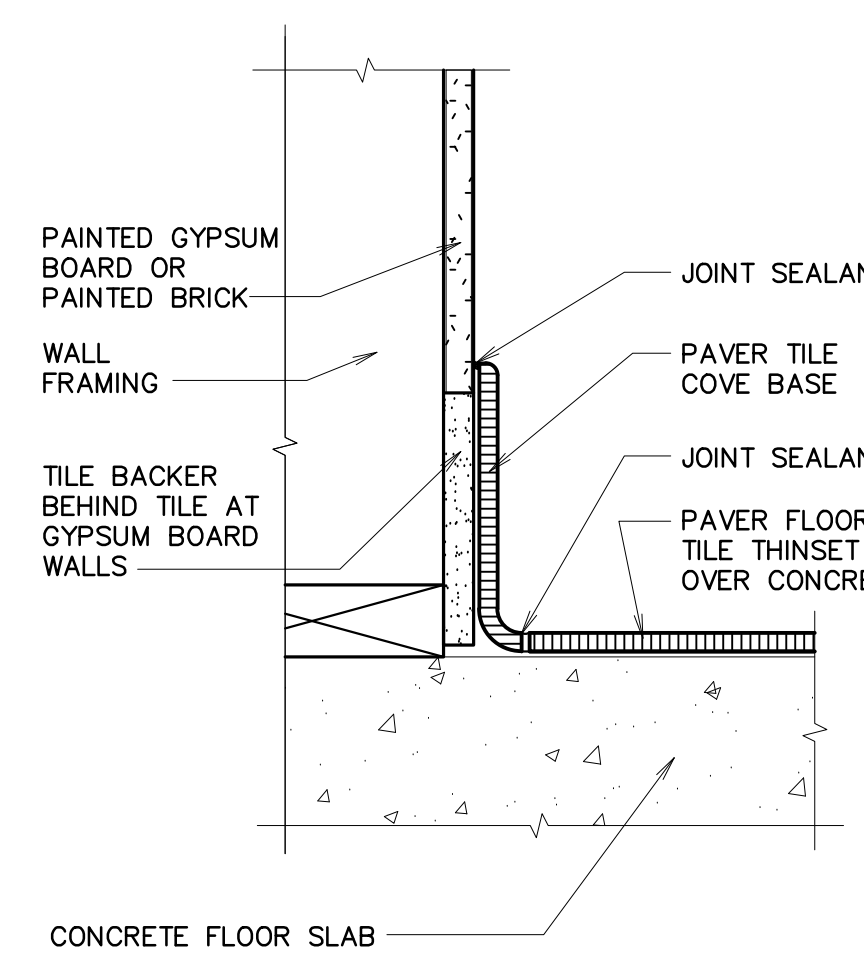
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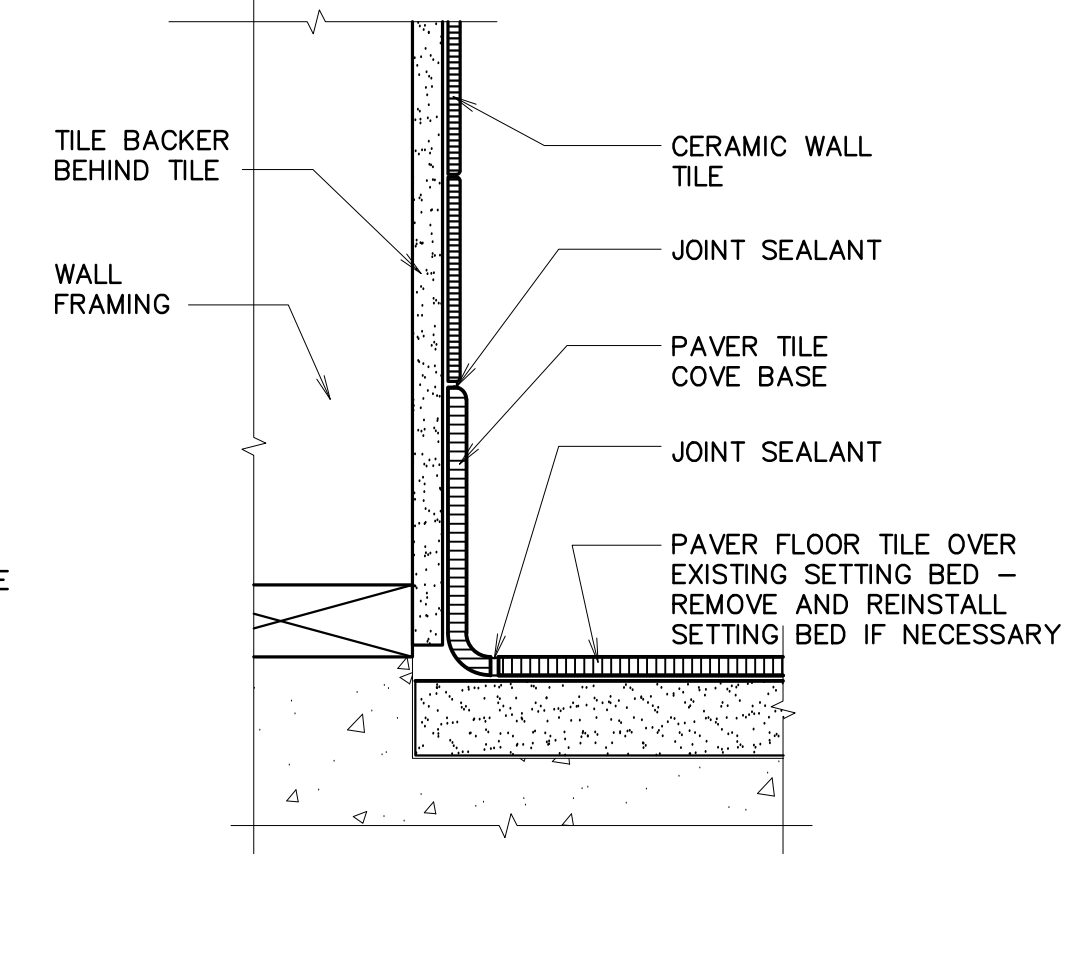
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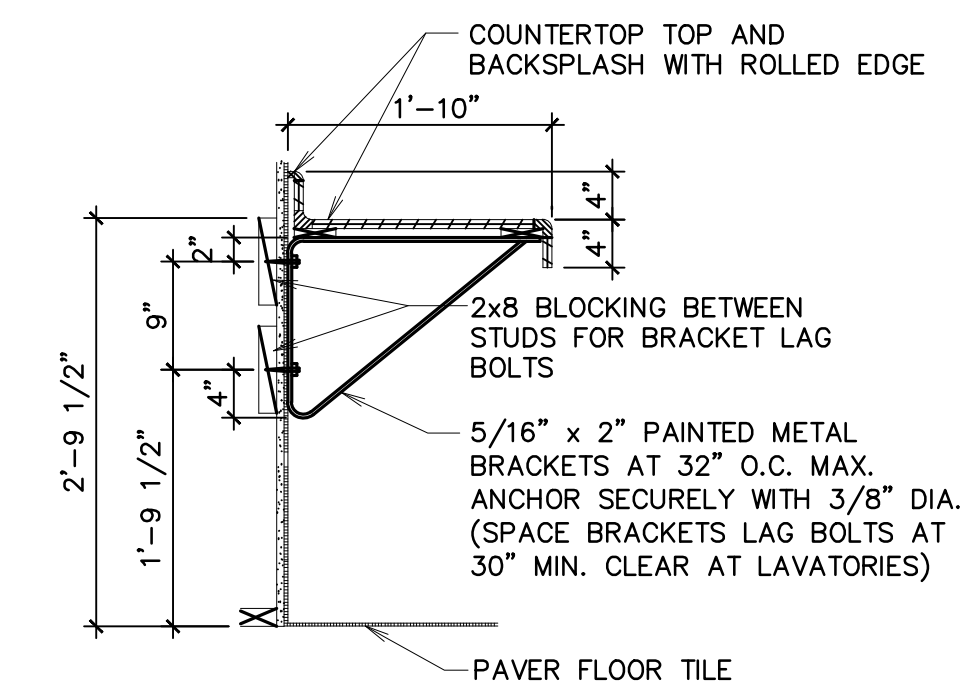
S TYPICAL ACCESSORY MOUNTING LOCATION
SCALE: 1/4" = 1'-0"



T PAVER TILE BASE
SCALE: 3" = 1'-0"



U PAVER TILE BASE
SCALE: 3" = 1'-0"



V SECTION
SCALE: 3/4" = 1'-0"

STAMP

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PROJECT FOR:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NAME:

**Lakeridge 1, 4, 7
Orem UT Lakeridge Stake**

PROPERTY #:
510-1409

158 East 1100 South
Orem, Utah

PLAN SERIES:
Stevens

DATE:
14 Apr 2017

1621

SHEET TITLE:


RESTROOM ELEVATIONS AND DETAILS

SHEET:

A401

#	DATE	DESCRIPTION
1	14 April 2017	Overall Review

STAMP:



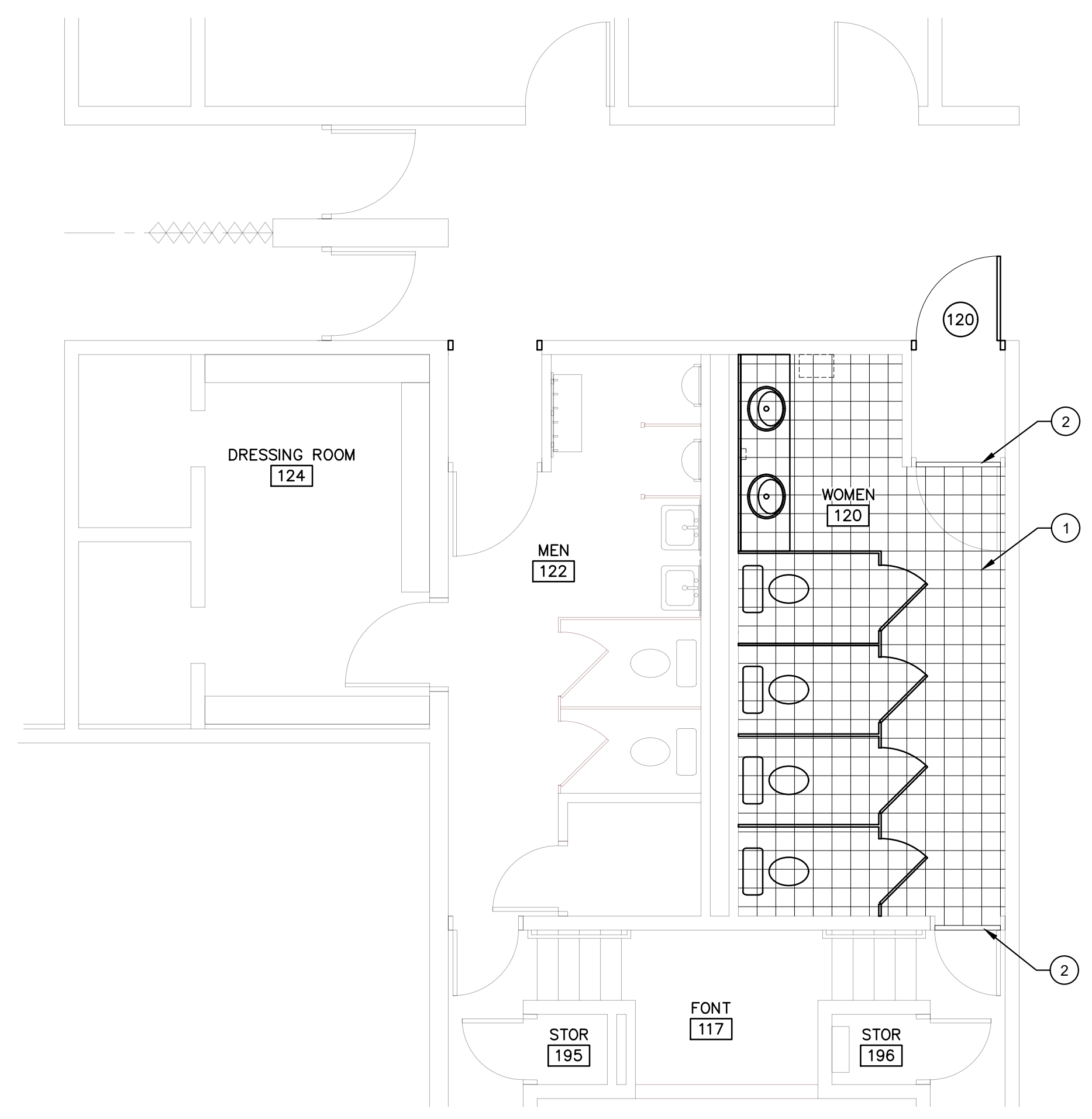
65 E Wadsworth Park Dr., Ste. 205 Phone: 801.571.0010
 Draper, Utah 84020 Fax: 801.571.0303
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PROJECT FOR:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

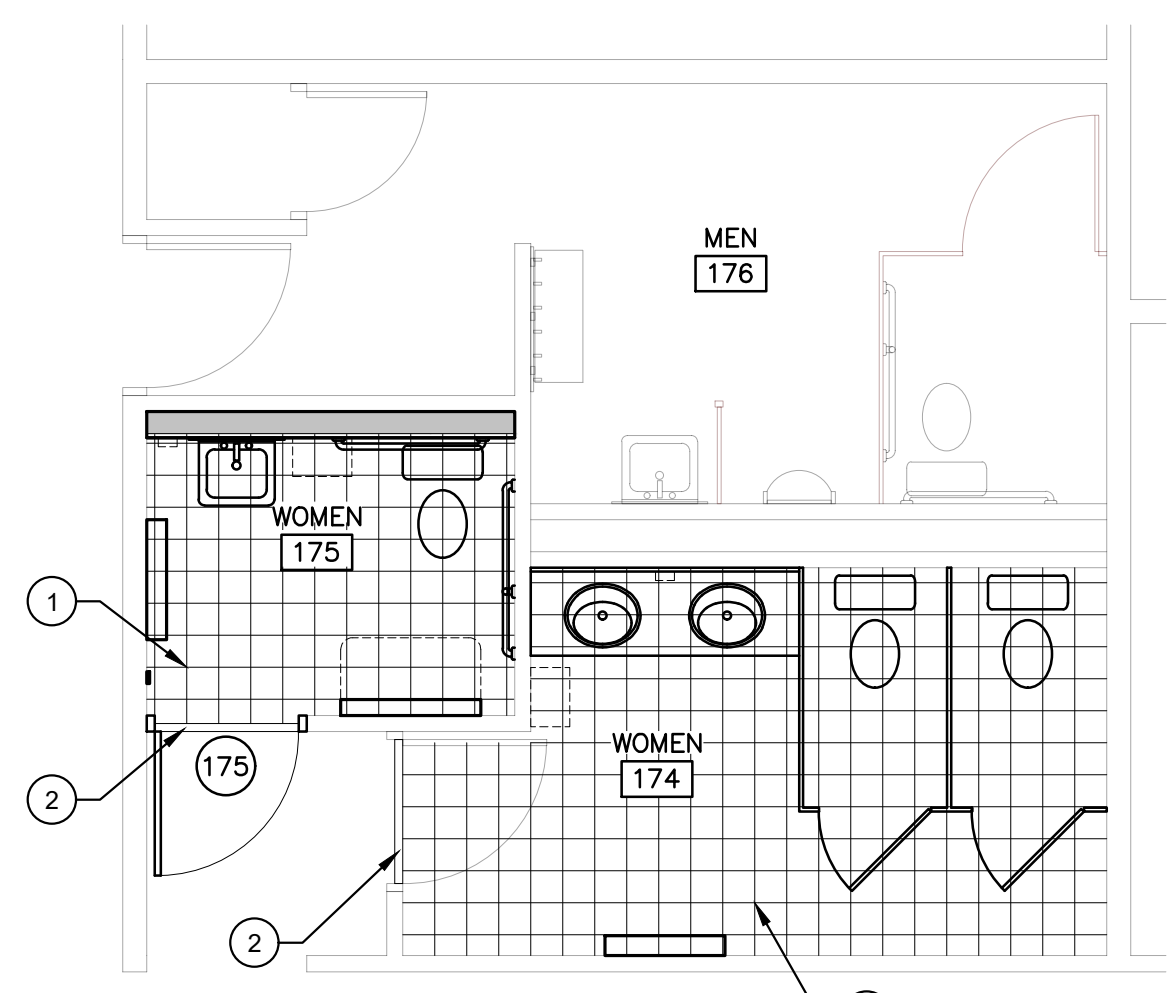
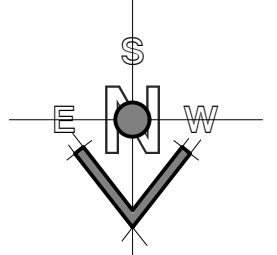
PROJECT NAME:
Lakeridge 1, 4, 7
Orem UT Lakeridge Stake
 158 East 1100 South
 Orem, Utah
 BIDD/PROJECT #:
 1621
 PLAN SERIES:
 Steverson
 PROPERTY #:
 510-1409
 DATE:
 14 Apr 2017

SHEET TITLE:
FLOOR FINISHES PLANS

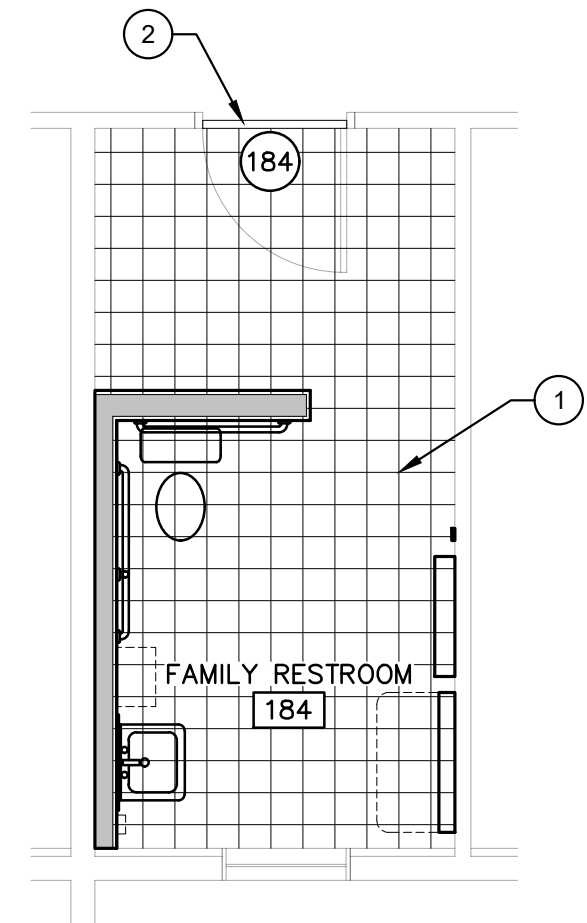
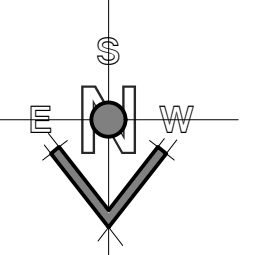
SHEET:
F101



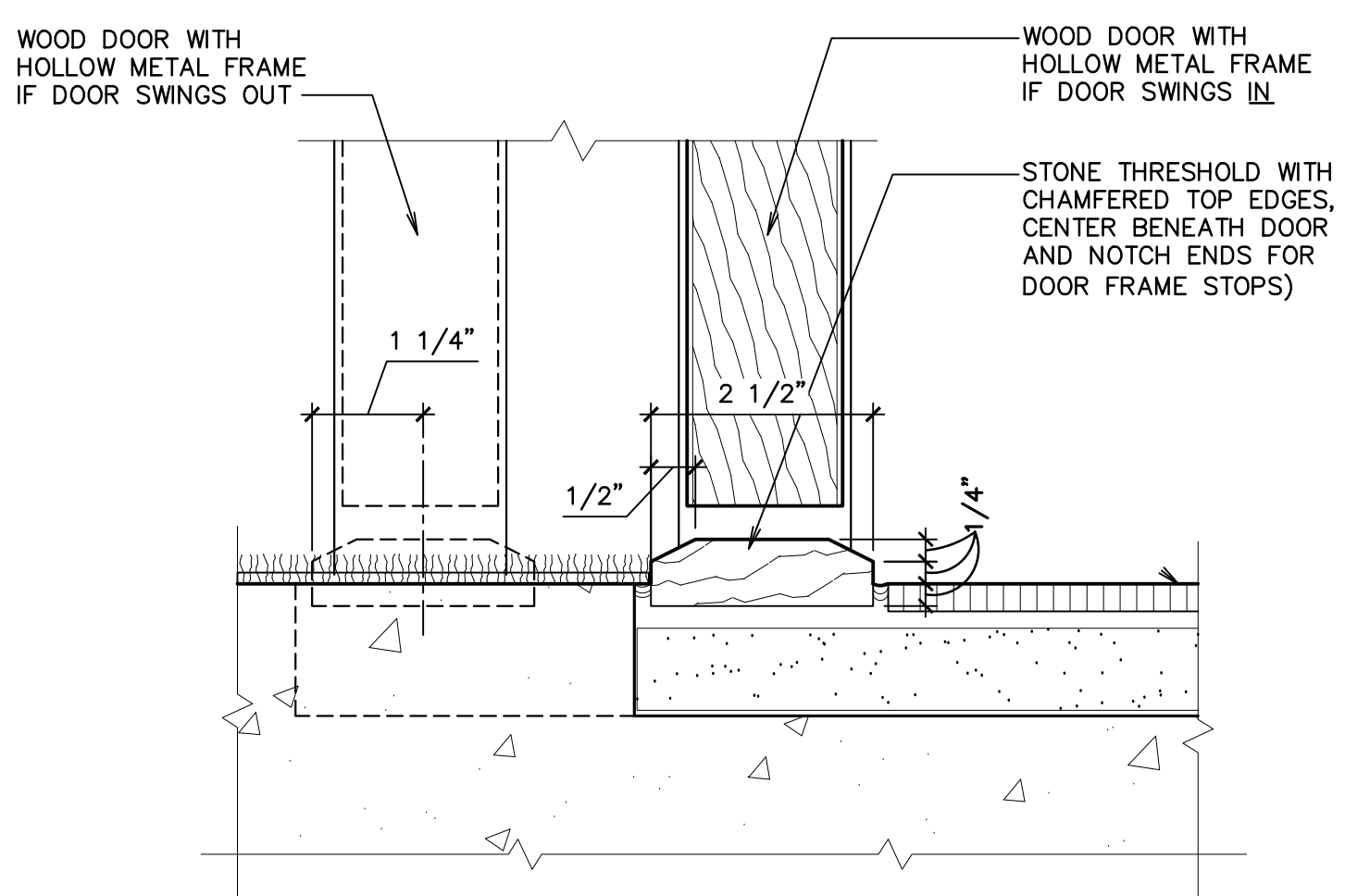
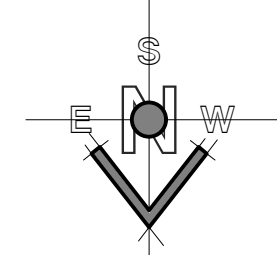
1 ENLARGED PLAN
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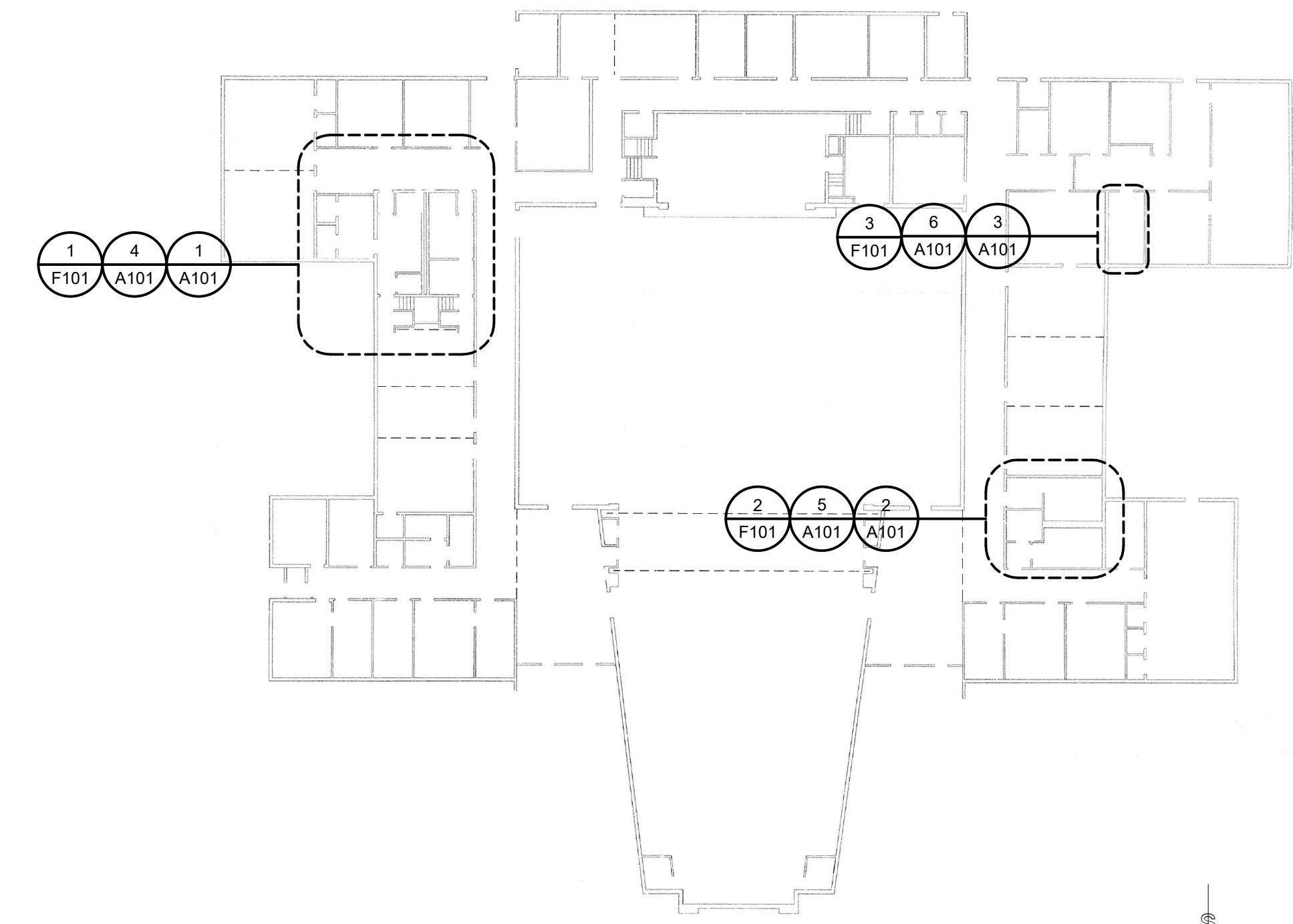
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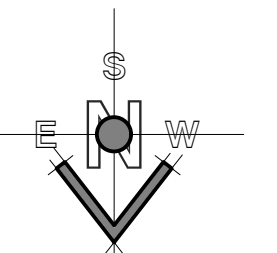
3 ENLARGED PLAN
 SCALE: 1/4" = 1'-0"



A DETAIL
 SCALE: 6" = 1'-0"



4 KEY PLAN
 SCALE: NOT TO SCALE



#	DATE	DESCRIPTION
1	14 June 2016	Client Review

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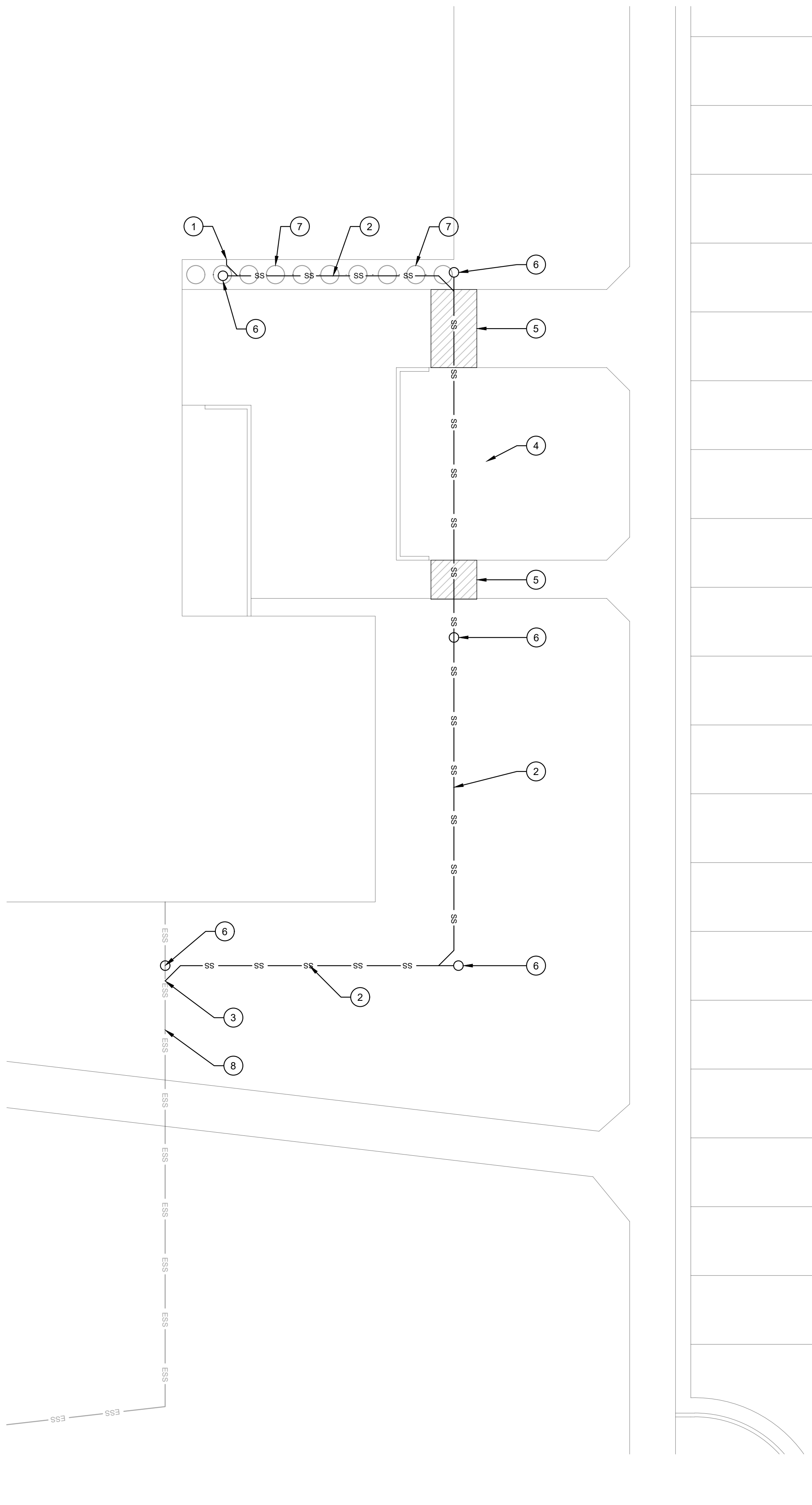
11b ARCHITECTS
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 bidarchitects.com

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

**Lakeridge 1, 4, 7
 Orem UT Lakeridge Stake**
 158 East 1100 South
 Orem, Utah
 BID/PROJECT #: 1621
 DATE: 14 Apr 2017
 PLAN SERIES: Stevens
 PROPERTY #: 510-1409

**SHEET TITLE
 SITE PLAN AND DETAILS**

C101



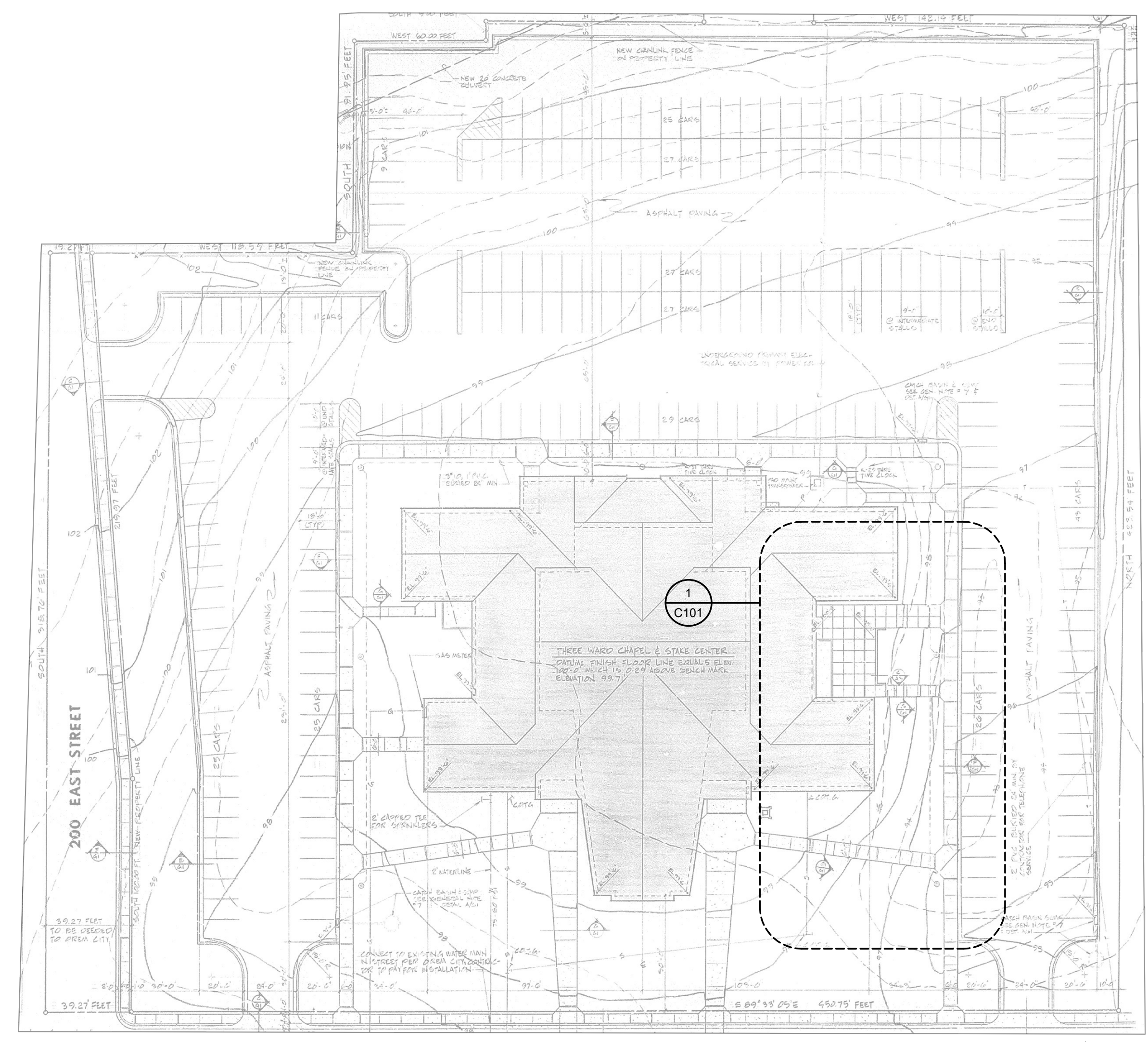
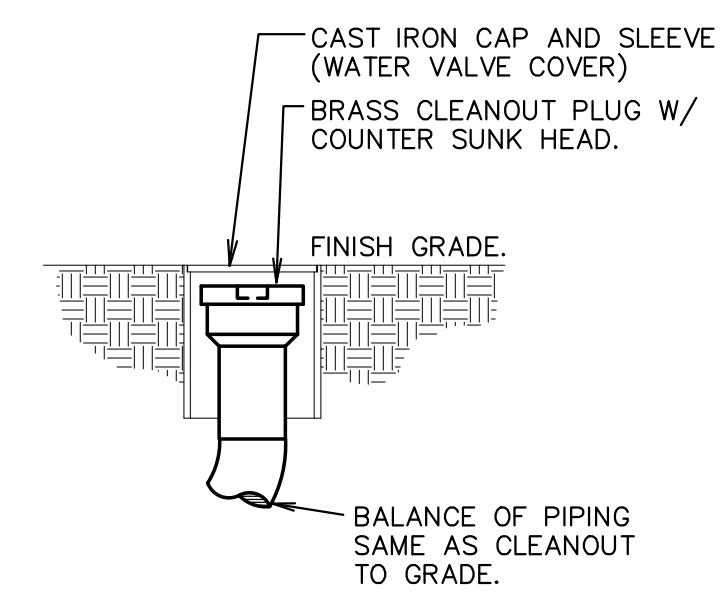
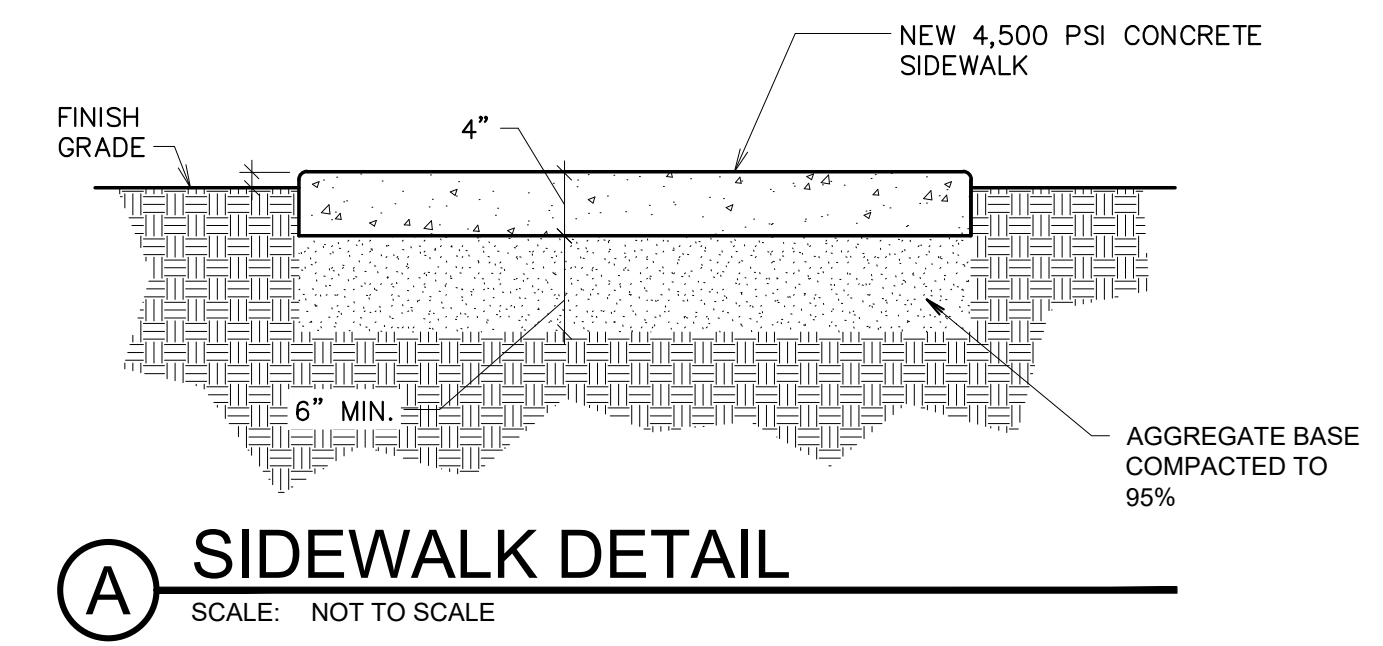
1 ENLARGED SITE PLAN
 SCALE: 1"=10'-0"
 GRAPHIC SCALE: 10'-0", 0'-0", 5'-0", 10'-0", 20'-0", 40'-0"
 NORTH ARROW

GENERAL NOTES

- This and any other drawings are not intended to be all-inclusive, nor to define the scope of all work required for this project. Demolition Drawings are shown only to aid the contractor in preparing his bid and performing the work. The Contractor and Subcontractors shall examine all Contract Documents and visit the site during bidding as required to determine the total extent and scope of the demolition portion of this Work. The Contractor shall perform this inspection prior to submitting a bid for the Work. Submission of a bid will be construed as evidence that such an examination has been made and later claims will not be recognized for extra labor, equipment, or materials required because of difficulties encountered which could have been foreseen during the required site inspection. All items that are not required to remain shall be of the demolition Work whether shown specifically or not. The Contractor shall be responsible for all demolition Work required to carry out the Work as shown in the Contract Documents.

KEYED NOTES

- New 4" sewer line from Family Restroom 184.
- New 4" sewer line sloped at 2% minimum.
- Connect to existing sewer line.
- Existing tree. Install new sewer line to avoid damage to tree roots.
- Sawcut, remove, and replace concrete sidewalk as necessary to install new sewer line. Refer to detail A/C101.
- New cleanout to grade. Refer to Detail B/C101.
- Remove existing shrubs in the existing planter above the new sewer line installation. Install new landscape fabric, mulch, and (10) new five gallon shrubs (coordinate exact type and location with the facilities manager). Reinstall the irrigation system as necessary to adequately water the new shrubs.
- Existing sewer line. Prior to starting any work on the Family Restroom or the new sewer line extension, locate the existing sewer line and verify the depth at the point of connection.



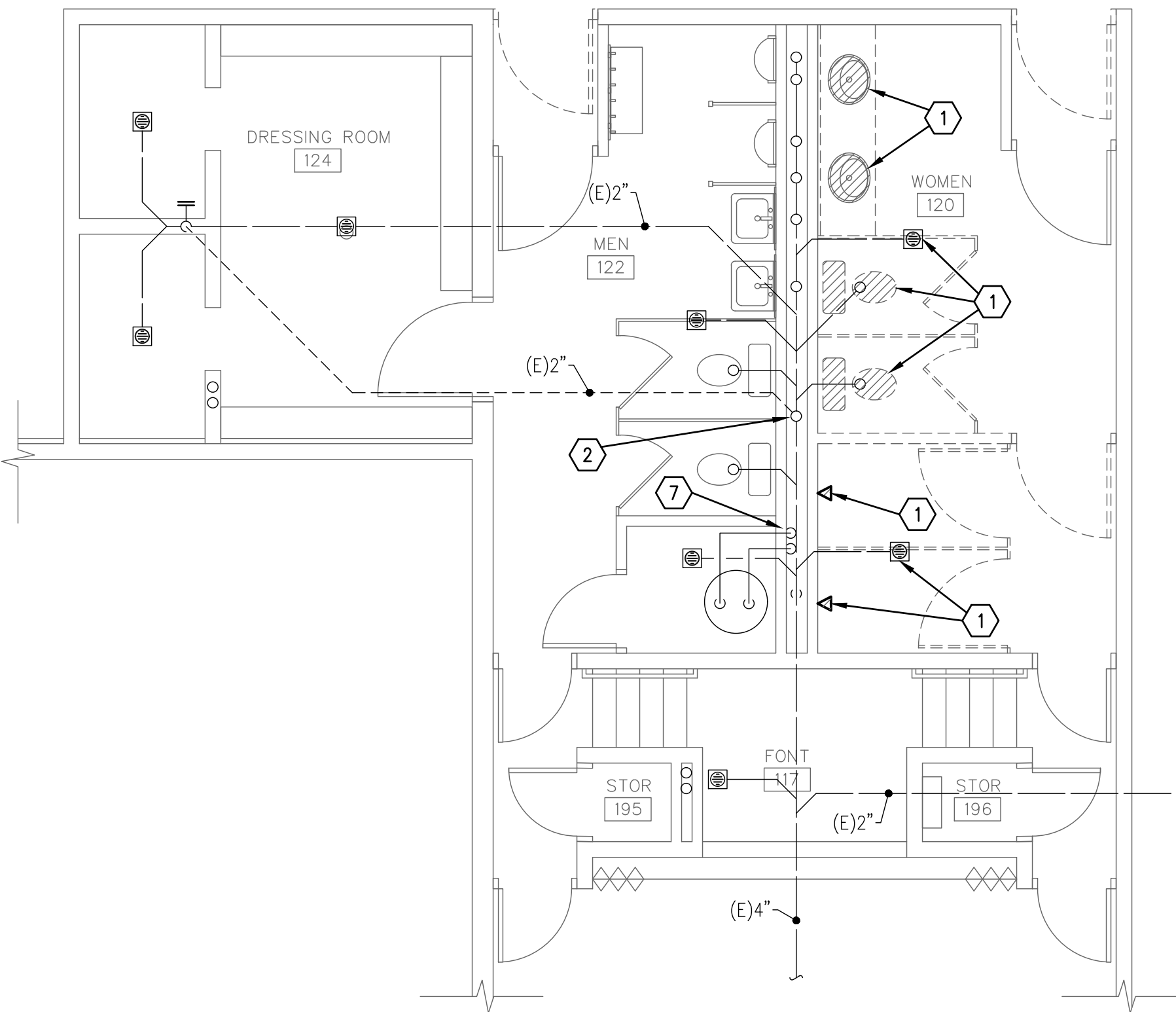
1 KEY PLAN
 SCALE: NOT TO SCALE
 NORTH ARROW

L E G E N D			
SYMBOL OR ABBREVIATION	MEANING	SYMBOL OR ABBREVIATION	MEANING
HOT WATER LINE	— — — — —	WALL CLEANOUT	WCO
COLD WATER LINE	— — — — —	CLEANOUT	CO
VENT LINE	— — — — —	FLOOR CLEANOUT	FCO
WASTE LINE	— — — — —	BALL VALVE	⊕
VENT THRU ROOF	VTR	UNION	— — —
EXISTING PIPE TO BE REMOVED	× × × × ×	EXISTING FIXTURE TO BE REMOVED	⊙

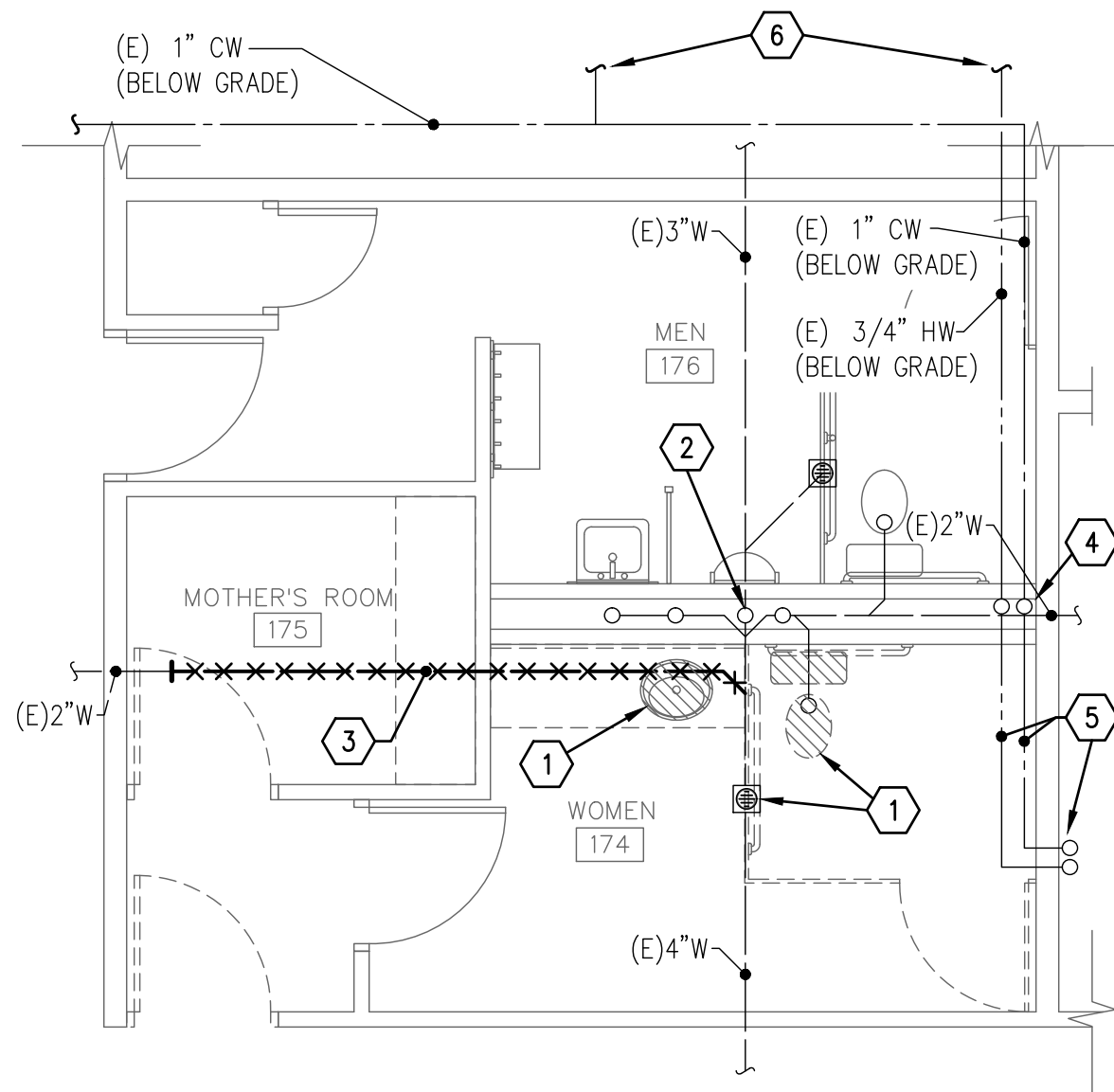
- ### # KEYED NOTES
- REMOVE EXISTING PLUMBING FIXTURE. REMOVE RELATED WASTE, VENT, AND SUPPLY PIPING BACK TO MAINS AND CAP. REFER TO NEW PLUMBING PLANS, SHEET P101, FOR NEW PIPING CONNECTIONS. FIELD VERIFY ALL EXISTING LOCATIONS.
 - EXISTING 4" VENT THROUGH ROOF TO REMAIN.
 - REMOVE EXISTING 2" WASTE PIPING AS SHOWN FOR REPLACEMENT AND RE-SIZING.
 - EXISTING 1" CW AND 3/4" HW UP IN PLUMBING CHASE.
 - EXISTING 3/4" CW AND HW TO EXISTING WATER HEATER (ROUTED BELOW GRADE).
 - 3/4" CW AND HW TO SERVING AREA (BELOW GRADE).
 - 1 1/4" CW AND 1" HW IN PLUMBING CHASE.

- ### GENERAL NOTES
- IF CONTRACTOR ENCOUNTERS MATERIAL THAT MAY CONTAIN ASBESTOS, HE SHALL IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY OWNER.
 - EXISTING PIPE LOCATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM EXISTING DRAWINGS. CONTRACTOR IS TO FIELD DETERMINE EXACT SIZE, ELEVATION AND LOCATION OF EXISTING PIPING INSIDE THE BUILDING AT SPECIFIED CONNECTION POINTS PRIOR TO STARTING ANY WORK.
 - SAW CUT OR CORE DRILL ALL NEW PENETRATIONS THROUGH EXISTING MASONRY CONSTRUCTION.
 - PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED BY NEW CONSTRUCTION TO MATCH EXISTING.
 - DEMOLITION - GENERAL:
 - REMOVE ALL RELATED PIPING AND APPURTENANCES.
 - REMOVE BRANCH PIPING COMPLETELY AND CAP IN MAIN.
 - PATCH AND REPAIR ALL EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) TO MATCH EXISTING.
 - REMODEL - GENERAL:
 - CONCEAL ALL PIPING EQUIPMENT, AND APPURTENANCES UNLESS OTHERWISE NOTED.
 - REMOVE EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ECT.) AS REQUIRED AND REPLACE TO MATCH EXISTING.
 - REFER TO MECHANICAL SHEETS FOR ANY ADDITIONAL WORK.
 - ALL PLUMBING SHALL COMPLY WITH THE MOST STRINGENT OF APPLICABLE CODES, ORDINANCES OR THE SPECIFICATIONS.
 - ALL FIXTURES SHALL BE PROPERLY VENTED TO THE ATMOSPHERE.
 - FOR INDIVIDUAL LINE SIZES TO FIXTURES, SEE FIXTURE SCHEDULE, SHEET P5.1.
 - DUE TO THE CLOSE PROXIMITY OF THE WATER, DRAIN AND VENT PIPING AS WELL AS DUCTWORK, EQUIPMENT AND HVAC PIPING, THE PLUMBING CONTRACTOR SHALL COORDINATE THE INSTALLATION WITH THE MECHANICAL AND SHEET METAL CONTRACTORS.
 - PROTECT ALL PLUMBING PIPING WHICH IS TO REMAIN DURING ALL CONSTRUCTION ACTIVITIES.
 - MINIMUM SIZE OF PIPING BELOW SLAB IS 3/4".

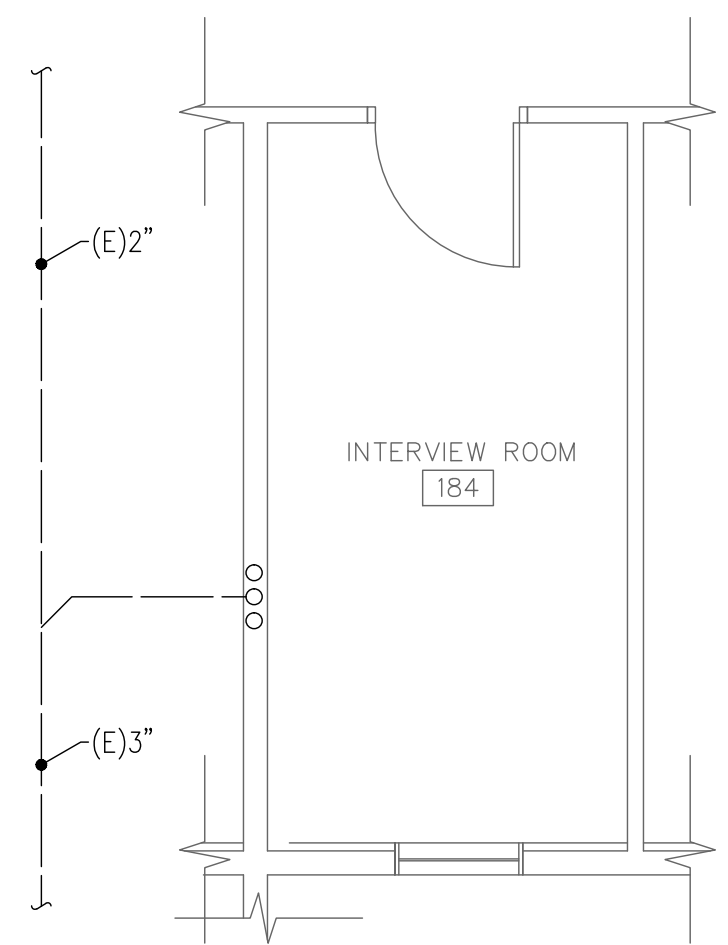
RELOCATE/OR REMOVE AND REINSTALL, ANY PIPING OR PLUMBING FIXTURES OR DEVICES WHICH ARE ENCOUNTERED DURING DEMOLITION WHICH CONFLICT WITH THE NEW CONSTRUCTION OR WHICH ARE TO ACCOMMODATE THE NEW CONSTRUCTION. THE PIPING, DEVICES, OR FIXTURES ARE TO BE RELOCATED TO ACCOMMODATE THE NEW CONSTRUCTION AND SERVICE SHALL BE MAINTAINED FOR ITS FUNCTION. REMOVE DEVICE COVERS OR FIXTURES WHICH CONFLICT WITH THE NEW CONSTRUCTION AND REINSTALL THE SAME AFTER OTHER TRADES HAVE COMPLETED THEIR WORK.



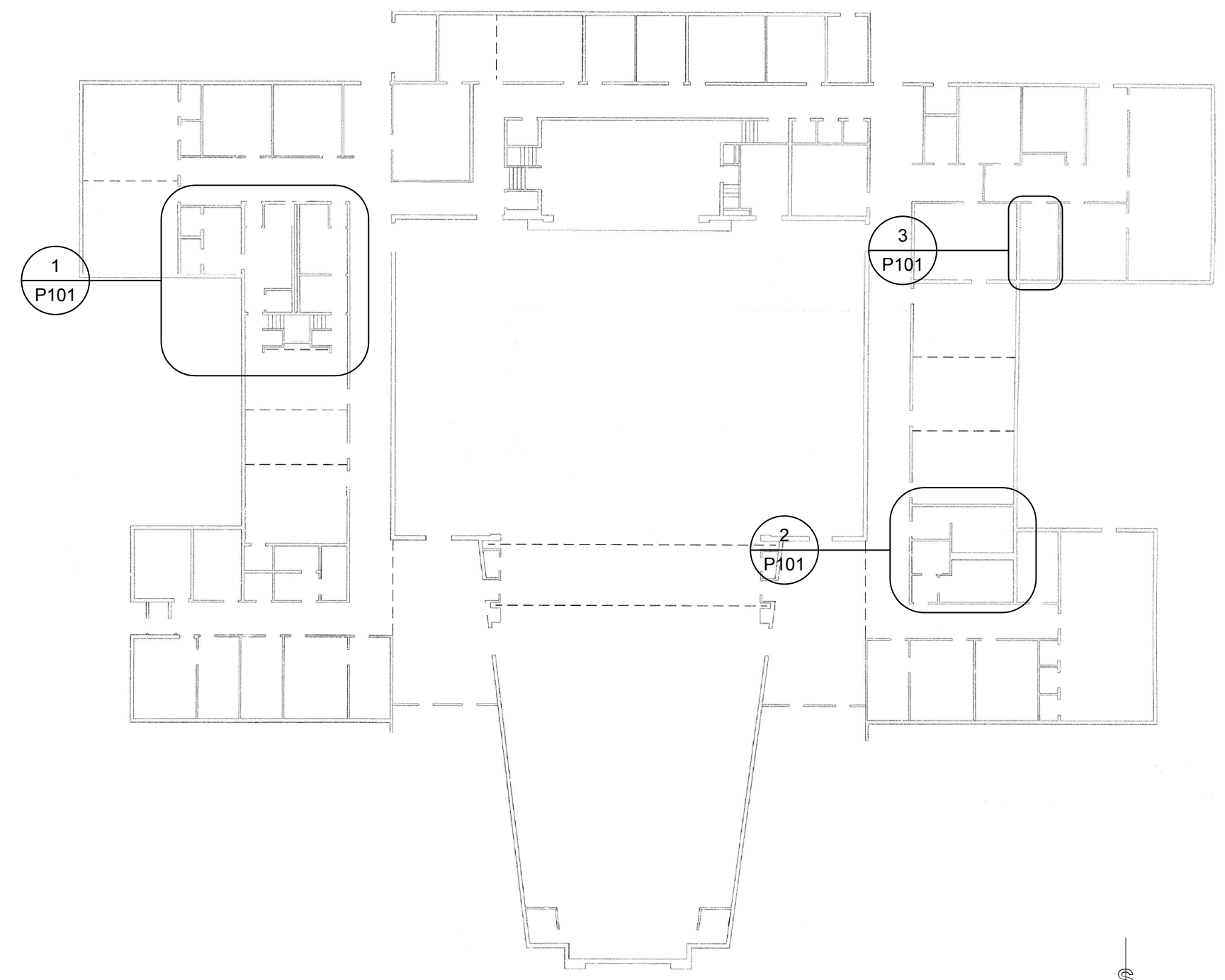
1 ENLARGED PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



2 ENLARGED PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



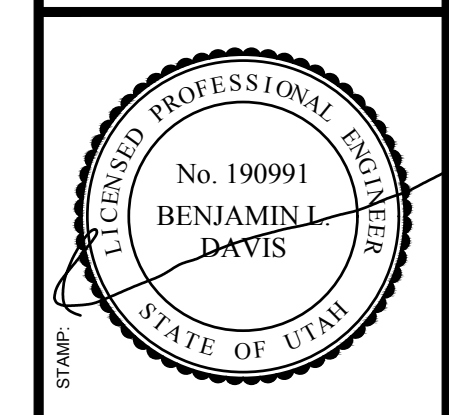
3 ENLARGED PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



4 KEY PLAN
SCALE: NOT TO SCALE

DATE	DESCRIPTION
17 Apr 2017	Issue Documents

YVAN BOERUM & FRANK ASSOCIATES, INC.
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VBFA Project Number: 17156



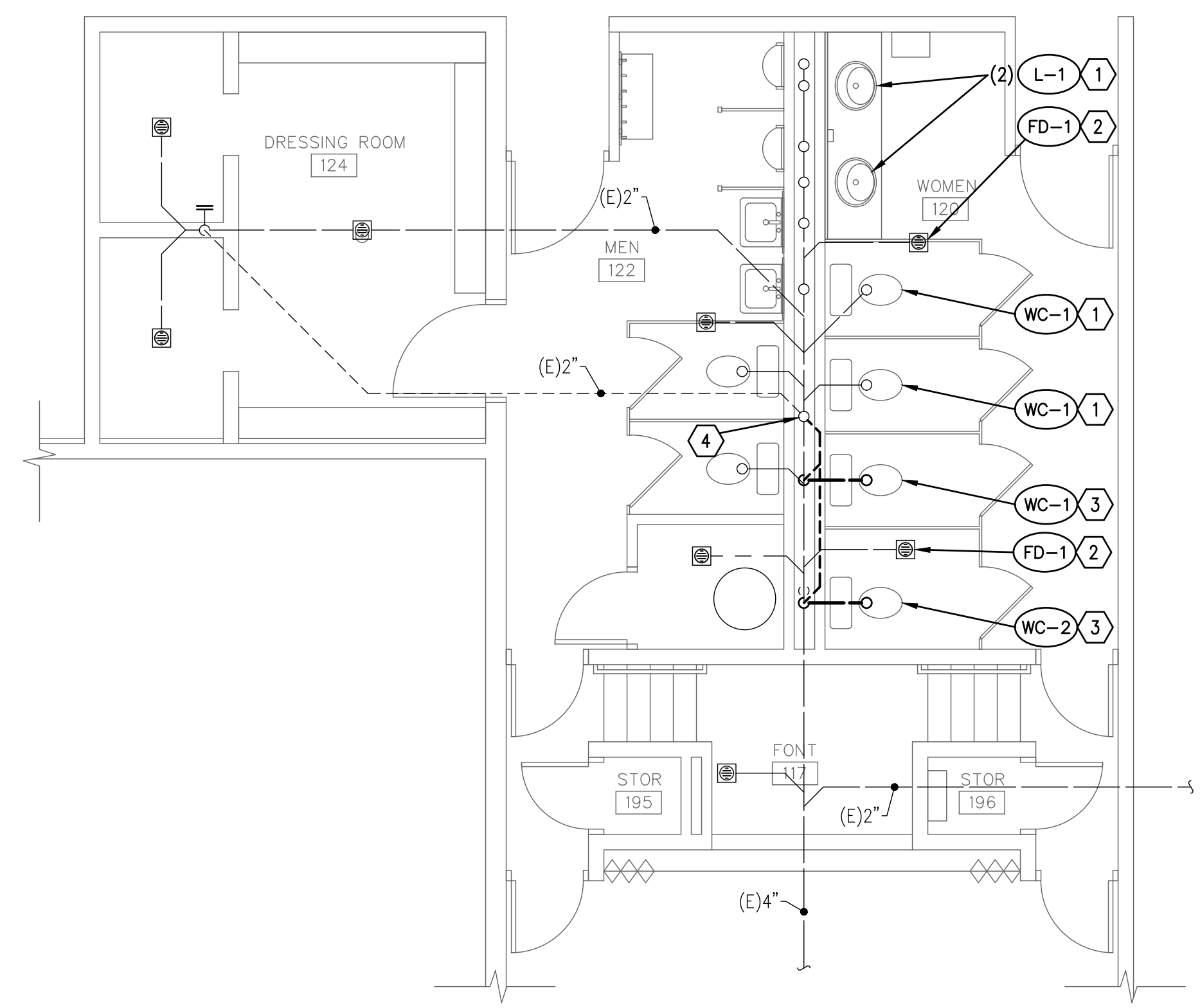
bb ARCHITECTS
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bbarchitects.com

PROJECT FOR
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

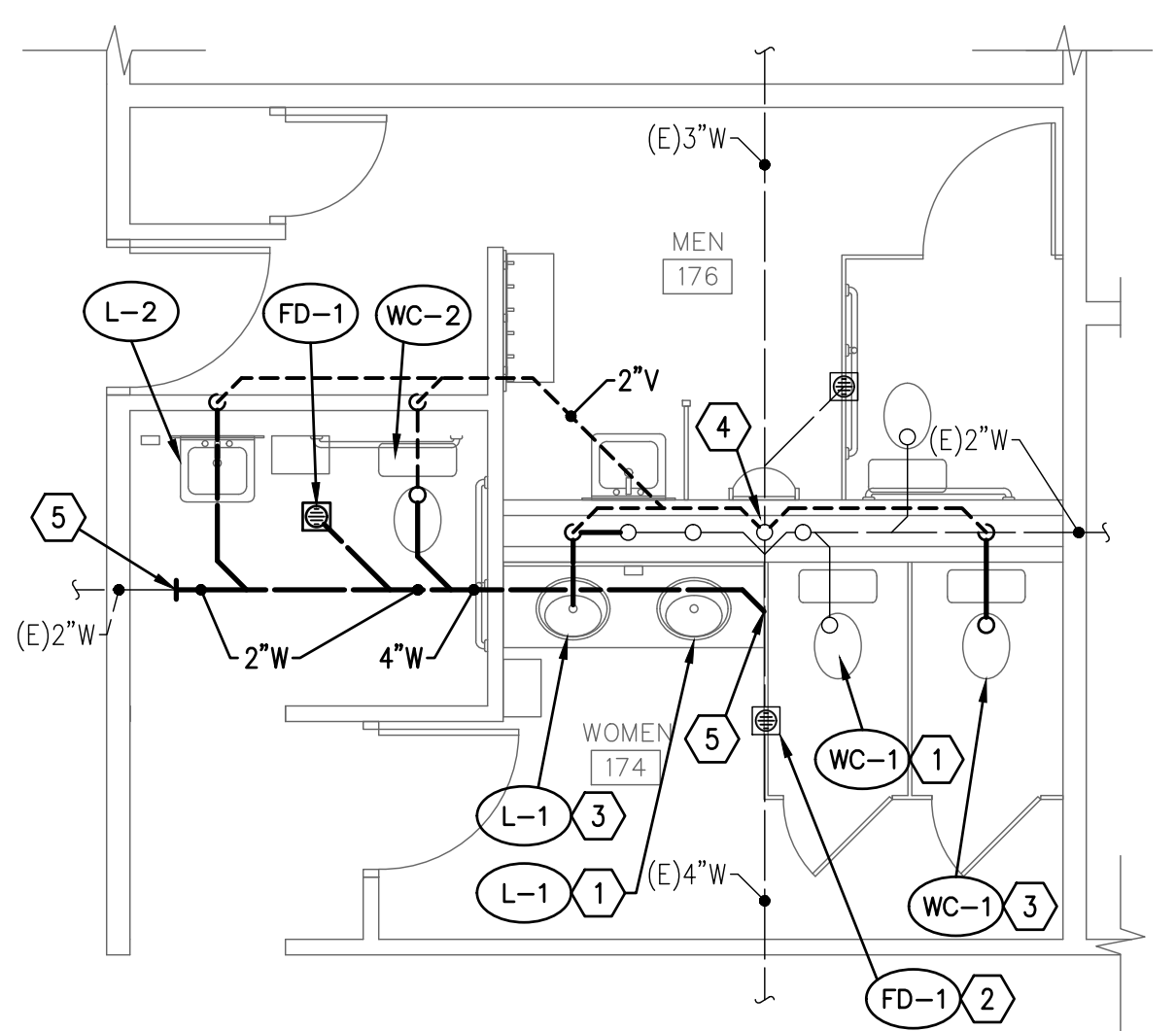
PROJECT NAME:
**Lakeridge 1, 4, 7
Orem UT Lakeridge Stake**
158 East 1100 South
Orem, Utah
PROJECT #:
510-1409
DATE:
14 Apr 2017
PKA SERIES:
Stevens
1621

SHEET TITLE:
ENLARGED DEMOLITION PLANS
SHEET:
PD101

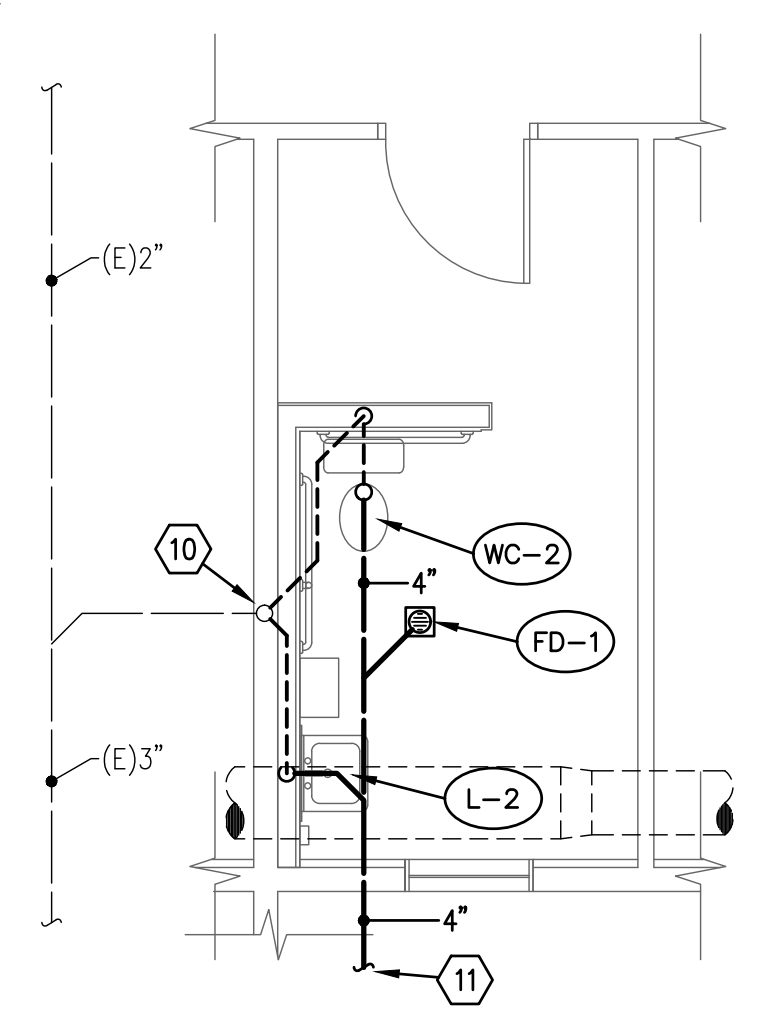
- ### # KEYED NOTES
1. INSTALL NEW FIXTURE. RECONNECT TO EXISTING WASTE, VENT, AND SUPPLIES.
 2. INSTALL NEW FLOOR DRAIN. RECONNECT TO EXISTING WASTE.
 3. INSTALL NEW FIXTURE. CONNECT NEW WASTE, VENT, AND SUPPLIES TO EXISTING MAINS AT PLUMBING WALL.
 4. CONNECT NEW 2" VENT TO EXISTING 4" VTR.
 5. CONNECT NEW WASTE TO EXISTING WASTE AT THIS LOCATION.
 6. CONNECT NEW 3/4" CW TO EXISTING 1" MAIN AND ROUTE AS SHOWN BELOW GRADE.
 7. CONNECT NEW 3/4" HW TO EXISTING 3/4" HW BELOW GRADE.
 8. 3/4" CW AND HW UP IN NEW PLUMBING WALL.
 9. CONNECT TO EXISTING 3/4" HW AND CW IN WALL.
 10. CONNECT TO EXISTING VENT THRU ROOF. VERIFY 3" MINIMUM.
 11. 4" WASTE LINE. ROUTE BELOW EXISTING 18" BURIED RETURN AIR DUCT. SEE SITE UTILITY PLAN FOR CONTINUATION.



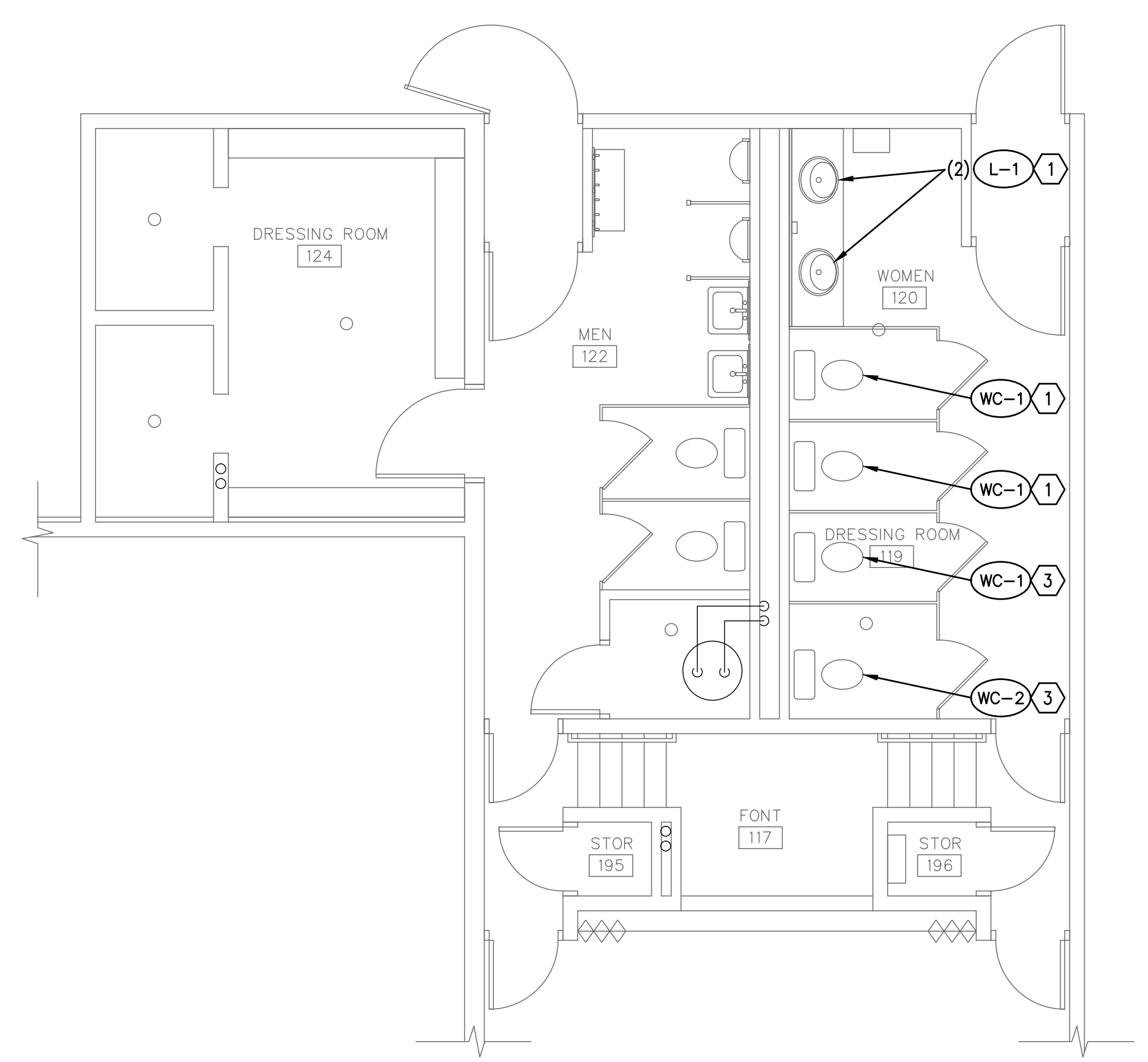
1 ENLARGED WASTE AND VENT PLAN
SCALE: 1/4" = 1'-0"



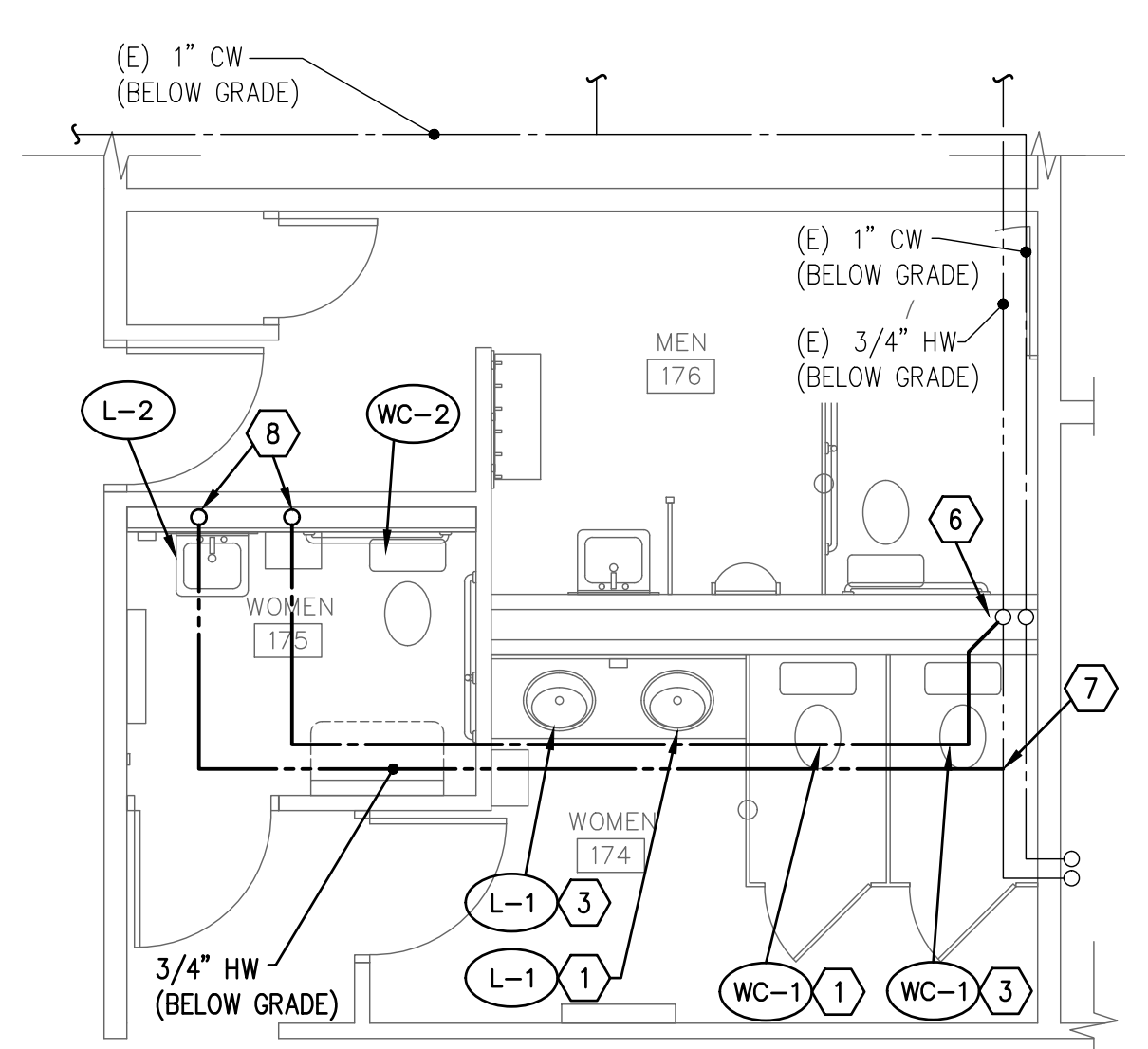
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SCALE: 1/4" = 1'-0"



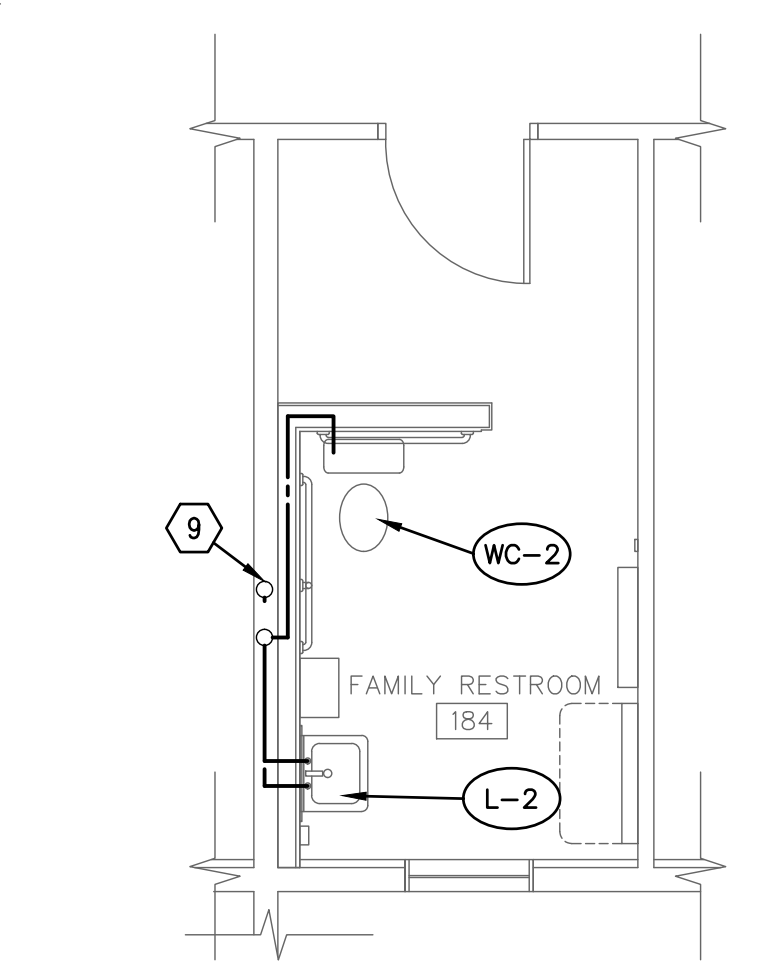
3 ENLARGED WASTE AND VENT PLAN
SCALE: 1/4" = 1'-0"



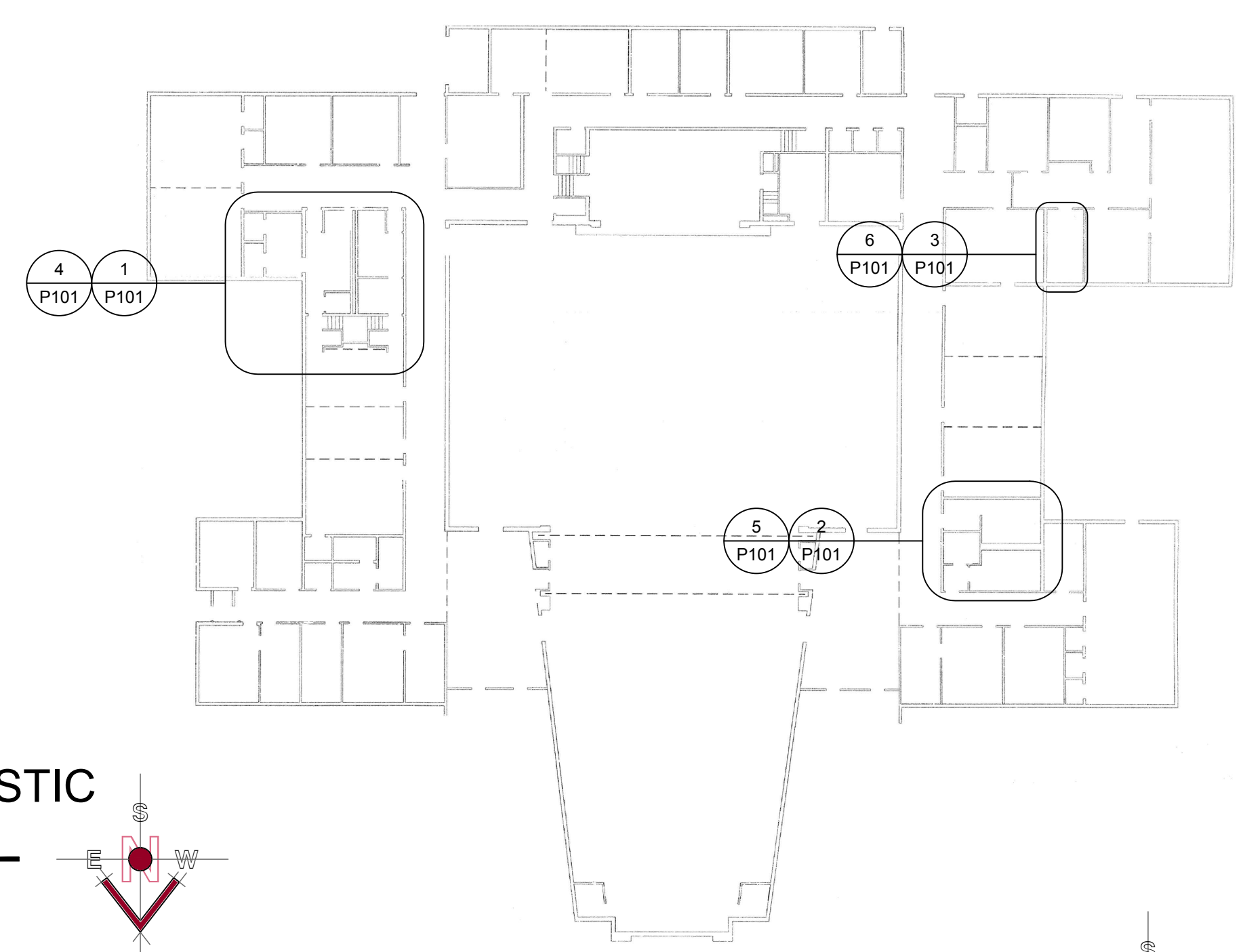
4 ENLARGED DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"



5 ENLARGED DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"



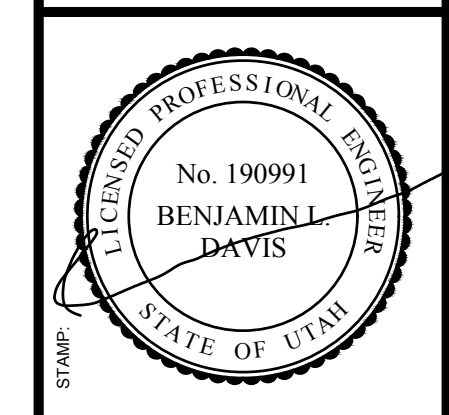
6 ENLARGED DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"



7 KEY PLAN
SCALE: NOT TO SCALE

#	DATE	DESCRIPTION
1	17 Apr 2017	Issue Documents

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PROJECT FOR
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NAME:
**Lakeridge 1, 4, 7
Orem UT Lakeridge Stake**

158 East 1100 South
Orem, Utah

DATE: 14-Apr-2017
PKA SERIES: Stevens
PKA PROJECT #: 1621
PKA PROJECT #: 510-1409

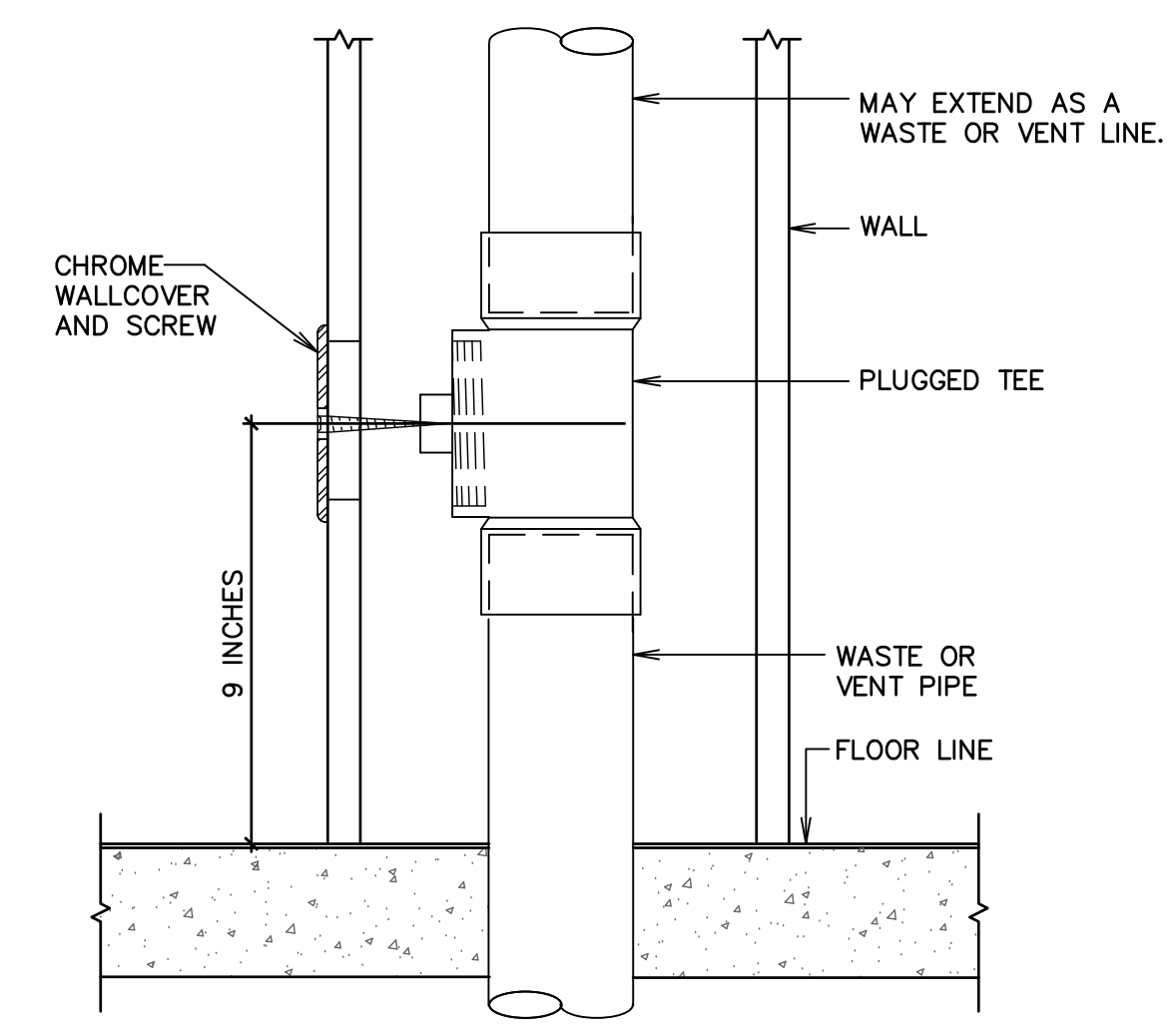
SHEET TITLE:
ENLARGED PLUMBING PLANS

SHEET:
P101

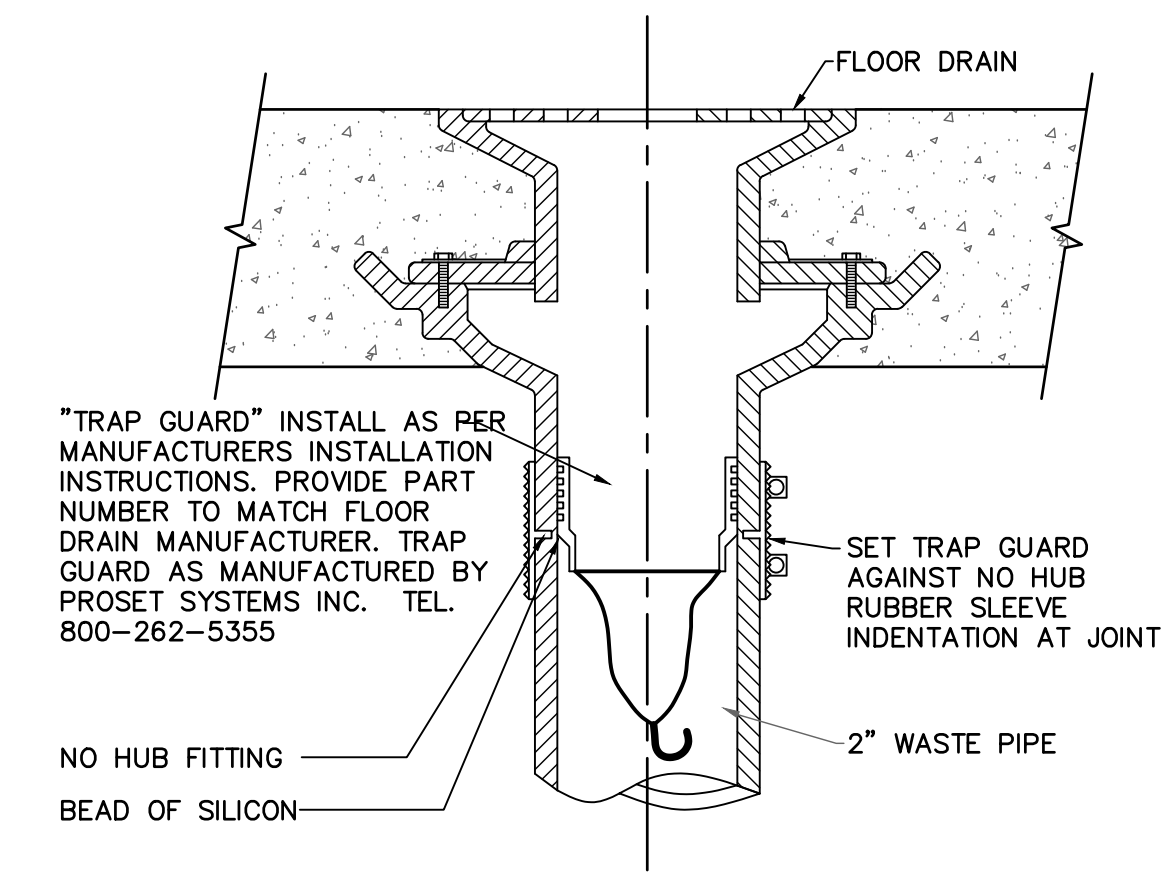
PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	PIPE SIZE					REMARKS
		TRAP	WASTE	VENT	C.W.	H.W.	
WC-1	WATER CLOSET	INT.	4"	2"	1/2"	-	FLUSH TANK
WC-2	WATER CLOSET	INT.	4"	2"	1/2"	-	FLUSH TANK, 18" RIM HEIGHT (ADA APPROVED)
L-1	LAVATORY	1-1/4"	1-1/4"	1-1/2"	1/2"	1/2"	COUNTER TOP MOUNT ①
L-2	LAVATORY	1-1/4"	1-1/4"	1-1/2"	1/2"	1/2"	SELF-SUPPORTING 20"X18" ①
FD-1	FLOOR DRAIN	2"	2"	2"	-	-	WITH DEEP SEAL P-TRAP AND TRAP SEAL. A/P501

① WHEN MOUNTED PER ARCHITECTURAL ELEVATIONS, ADA ACCESSIBILITY REQUIREMENTS ARE SATISFIED.



WALL CLEANOUT DETAIL B
SCALE: NONE

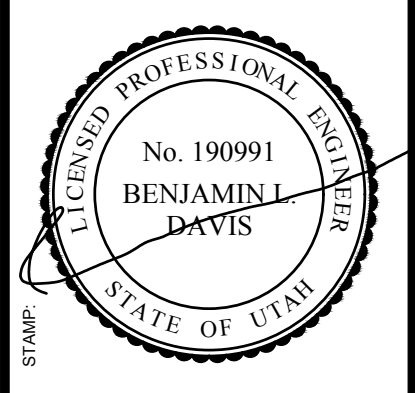


TRAP SEAL DETAIL A
SCALE: NONE

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THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT FOR: **Lakeridge 1, 4, 7
Orem UT Lakeridge Stake**

158 East 1100 South
Orem, Utah

PROJECT # 510-1409

DATE: 14 Apr 2017
PKA SERIES: Stevens
BWA PROJECT #: 1621

SHEET TITLE:
PLUMBING SCHEDULES AND DETAILS

SHEET:
P501

LEGEND

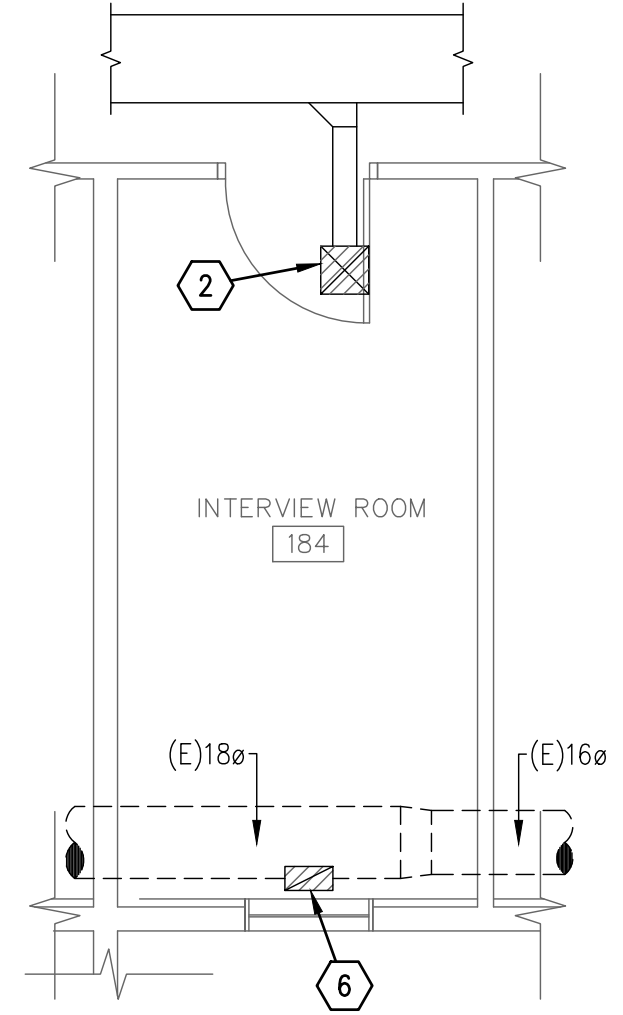
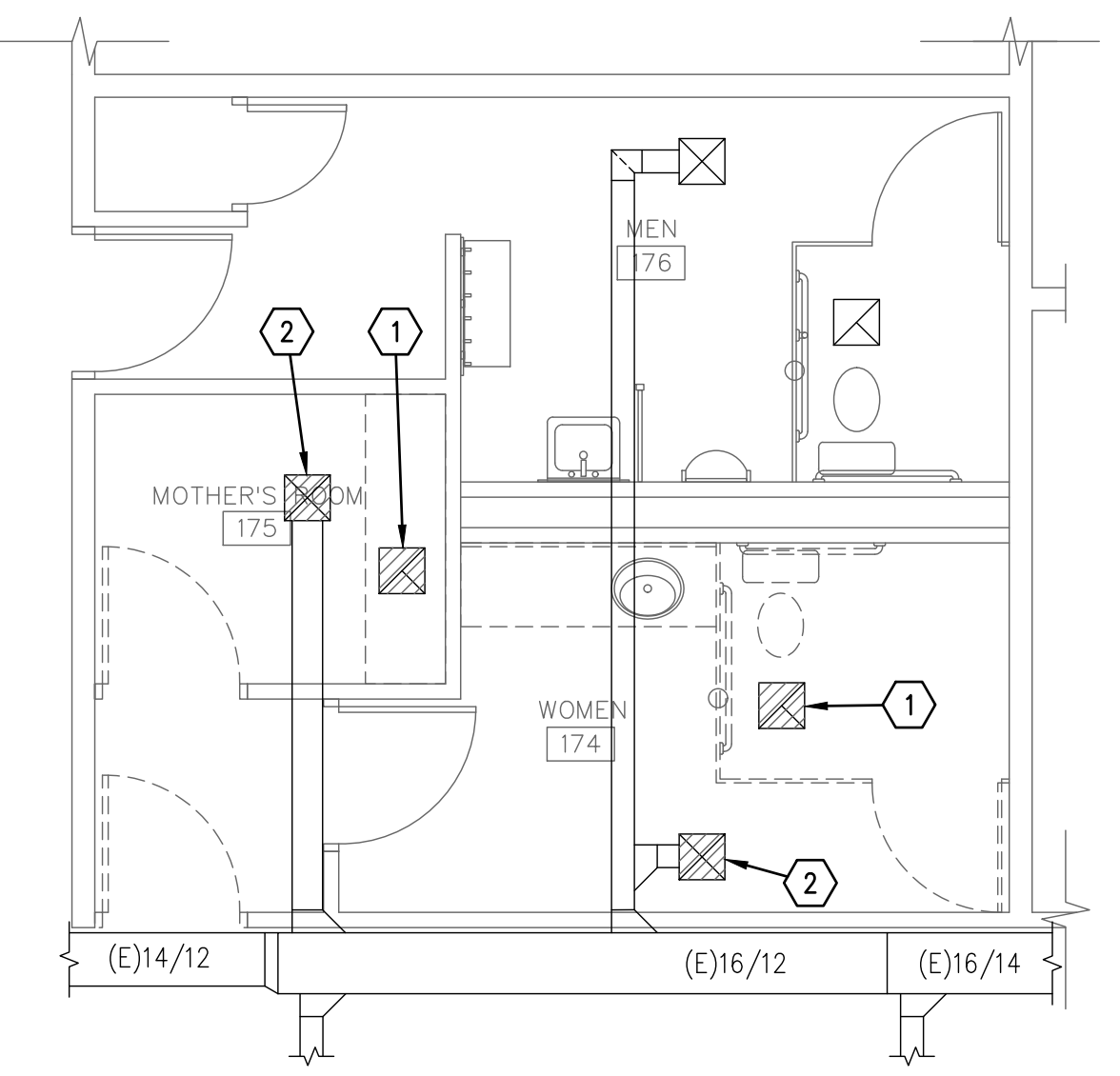
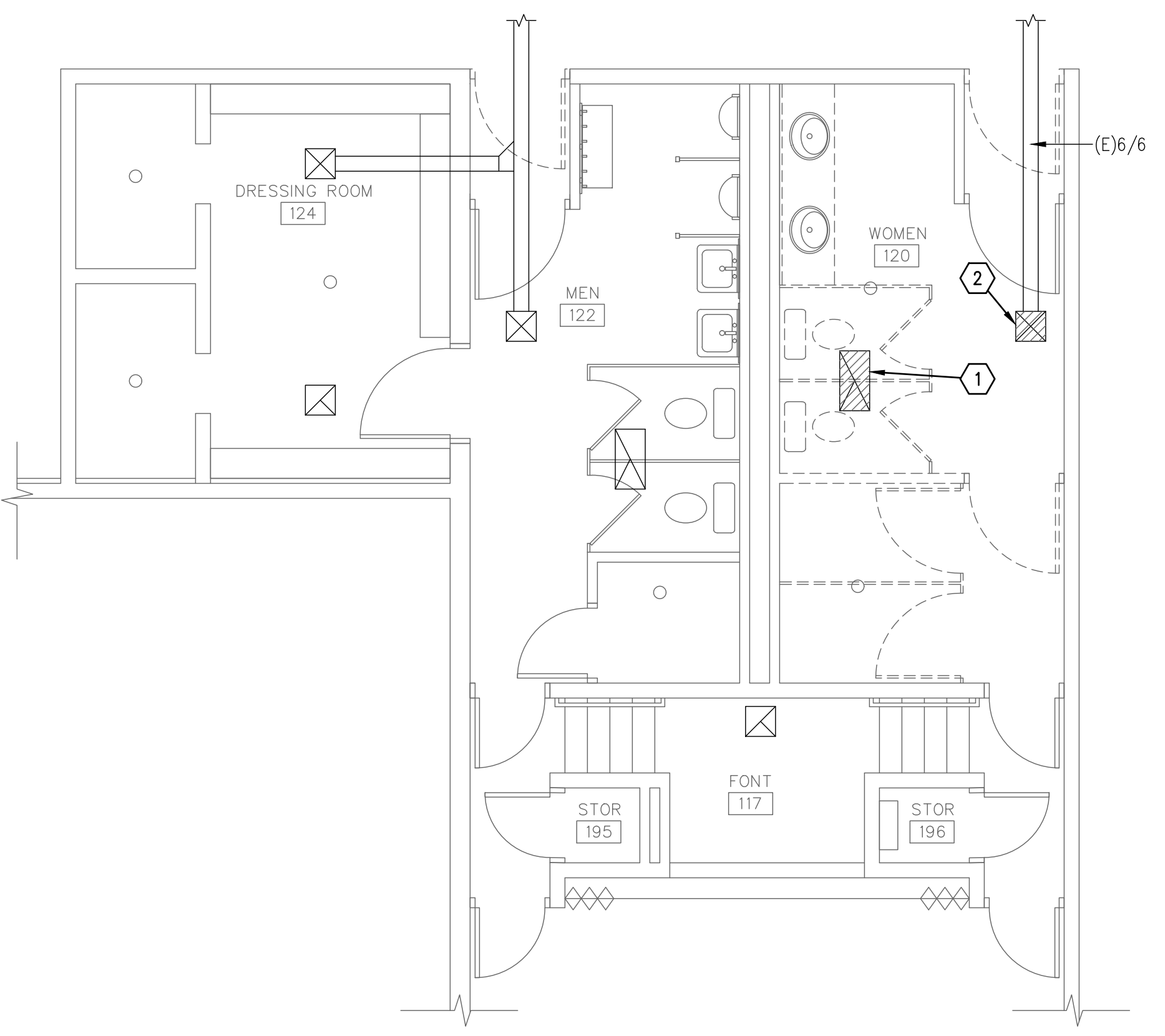
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	BRANCH DUCT TAKE-OFF.		MANUAL VOLUME DAMPER
	SINGLE THICKNESS TURNING VANES		BACKDRAFT DAMPER (INSTALL AT EACH EXHAUST DISCHARGE DUCT)
	DUCT TRANSITION		EXISTING DUCT TO BE REMOVED
EA	EXHAUST AIR		EXISTING DUCT TO REMAIN
TA	TRANSFER AIR		

KEYED NOTES

1. REMOVE EXISTING CEILING EXHAUST FAN FOR REPLACEMENT.
2. REMOVE EXISTING CEILING SUPPLY DIFFUSER FOR REPLACEMENT.
3. CONNECT NEW CEILING EXHAUST FAN TO EXISTING DISCHARGE DUCT. TRANSITION AS REQUIRED.
4. INSTALL NEW CEILING SUPPLY DIFFUSER. RECONNECT TO EXISTING BRANCH DUCT AND/OR DROP. PROVIDE NEW TRANSITION IF REQUIRED.
5. CONNECT NEW 6" EXHAUST DUCT FROM NEW CEILING EXHAUST FAN TO ACCESSORY DISCHARGE CAP.
6. REMOVE FLOOR GRILLE AND CAP BRANCH RETURN.

GENERAL NOTES

1. EXISTING DUCTWORK, SIZES, AND EQUIPMENT SHOWN FOR CONTRACTOR'S REFERENCE. FIELD DETERMINE EXACT SIZE, ELEVATION, AND LOCATION OF EXISTING ITEMS, INCLUDING THEIR RELATIONSHIP WITH INTENDED WORK PRIOR TO STARTING ANY WORK.
2. DRAWINGS SHOW GENERAL ARRANGEMENT OF PIPING, DUCTWORK, EQUIPMENT, ETC. FOLLOW AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND WORK OF OTHER TRADES WILL PERMIT. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, AND ACCESSORIES THAT MAY BE REQUIRED. INVESTIGATE STRUCTURAL AND FINISH CONDITIONS AFFECTING THIS WORK AND ARRANGE WORK ACCORDINGLY. PROVIDE SUCH FITTINGS, VALVES, AND ACCESSORIES REQUIRED TO MEET CONDITIONS.
3. PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED BY NEW CONSTRUCTION TO MATCH EXISTING.
4. BALANCE SYSTEMS BEING REVISED TO CFM'S SHOWN. MAKE ADJUSTMENTS NECESSARY TO ACHIEVE AIR FLOW QUANTITIES SHOWN ON DRAWINGS.
5. DUCT DIMENSIONS ARE CLEAR DIMENSIONS INSIDE DUCT LINER.
6. DO NOT ROUTE PIPES ABOVE ELECTRICAL PANELS. MAINTAIN CLEAR ACCESS SPACE IN FRONT OF ALL ELECTRICAL PANELS 4'-0" DEEP AND 6'-6" HIGH.
7. SAW CUT OR CORE DRILL ALL NEW PENETRATIONS THROUGH EXISTING MASONRY CONSTRUCTION.
8. IF CONTRACTOR ENCOUNTERS MATERIAL THAT MAY CONTAIN ASBESTOS, HE SHALL IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
9. DEMOLITION - GENERAL:
 - a. REMOVAL OF EQUIPMENT, PIPING, OR DUCTWORK TO INCLUDE REMOVAL OF ALL RELATED APPURTENANCES SUCH AS WIRING, CONDUIT, SUPPORTS, ETC. AND MODIFICATIONS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
 - b. REMOVE BRANCH CONDUIT AND WIRE COMPLETELY. TERMINATE AT JUNCTION BOX.
 - c. PATCH AND REPAIR ALL EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) TO MATCH EXISTING.
10. REMODEL - GENERAL:
 - a. ALL NEW CONDUIT, PIPING, DUCT, EQUIPMENT, AND APPURTENANCES TO BE CONCEALED UNLESS OTHERWISE NOTED.
 - b. EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) TO BE REMOVED AS REQUIRED AND REPLACED TO MATCH EXISTING.

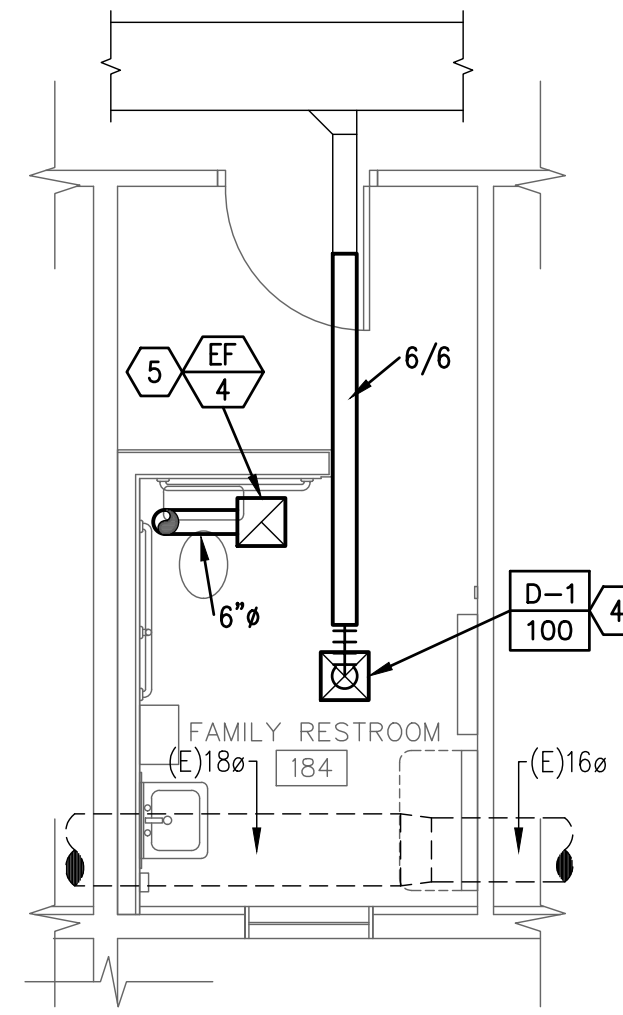
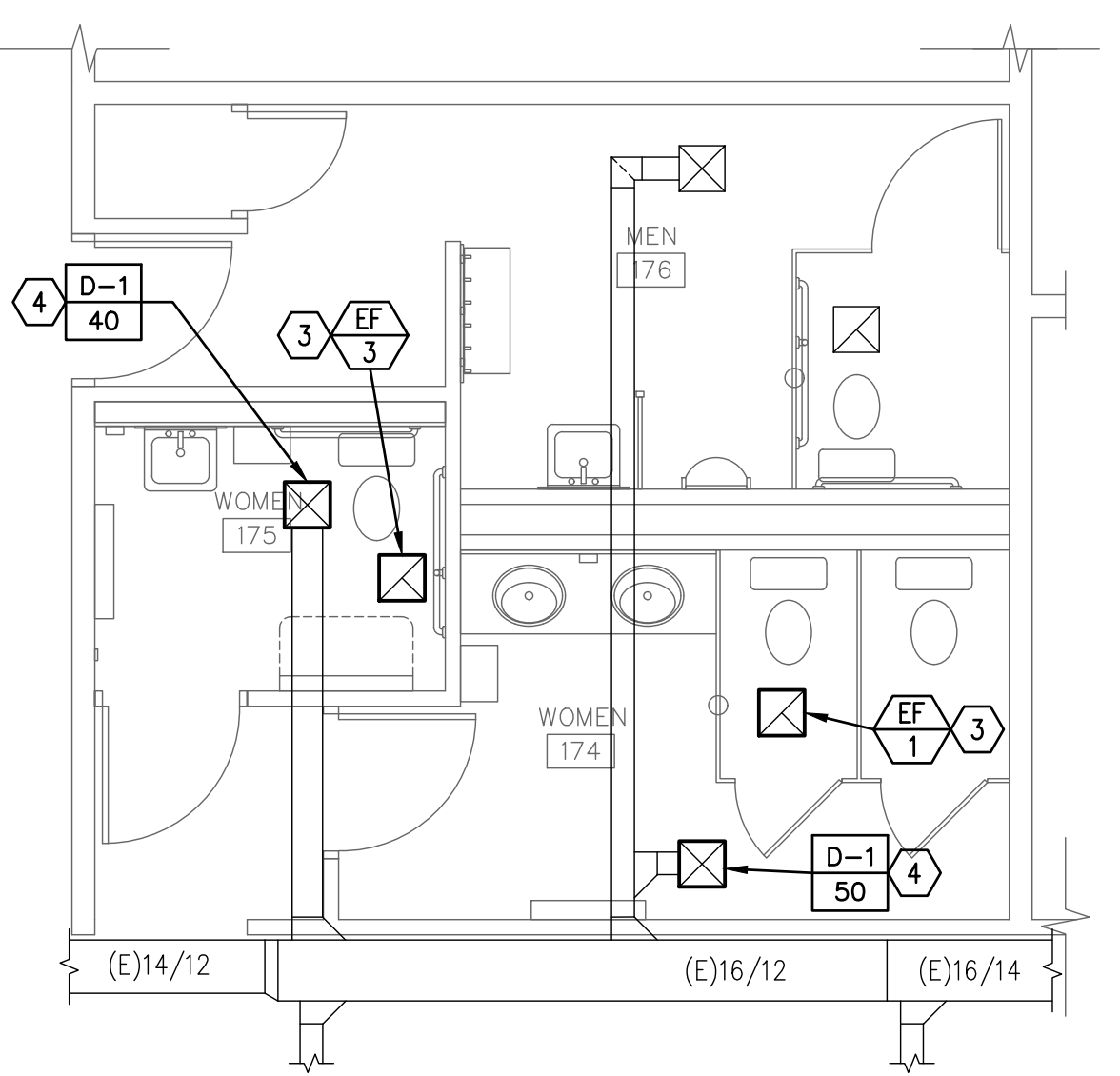
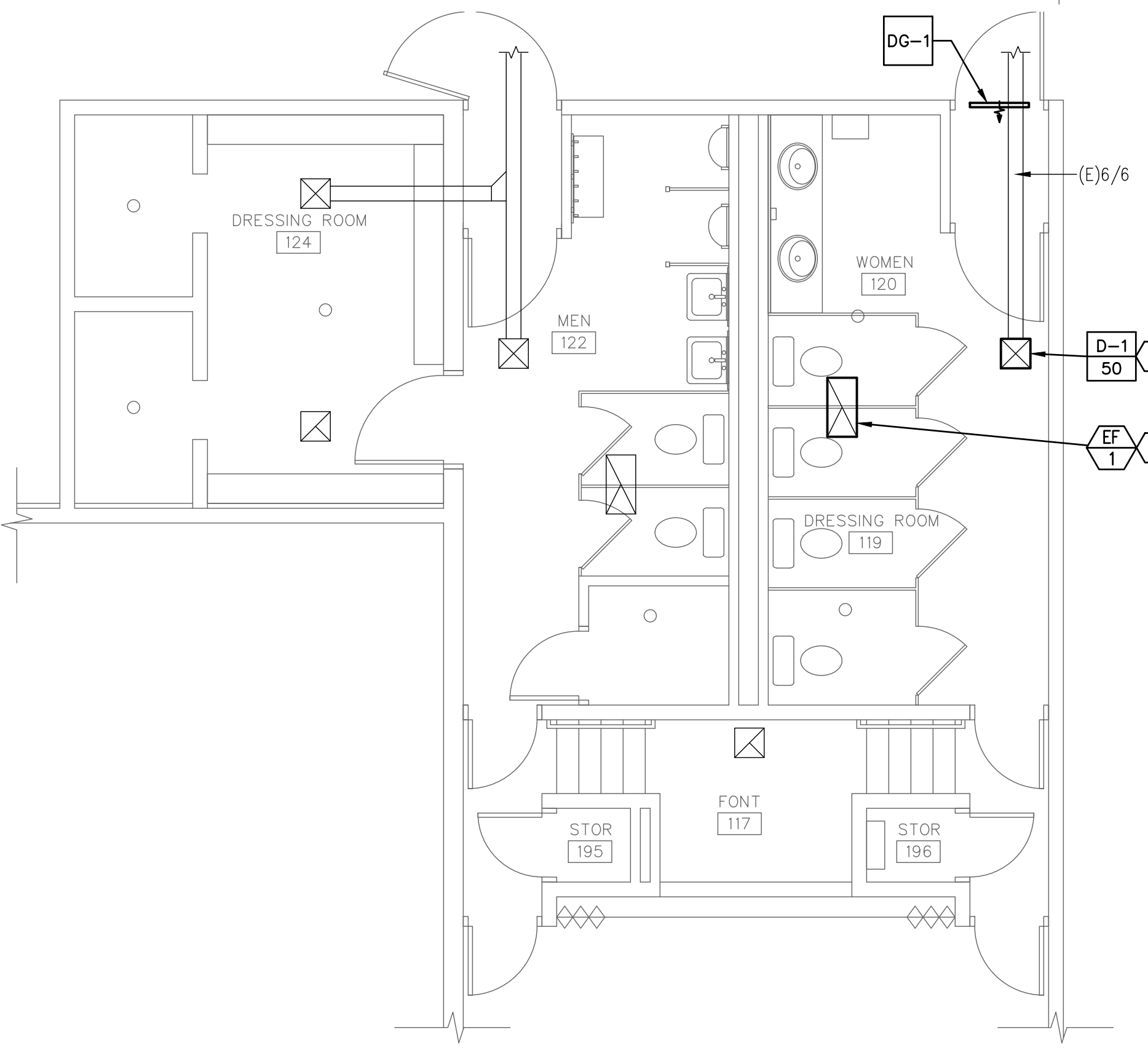


1 ENLARGED MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

2 ENLARGED MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

3 ENLARGED MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

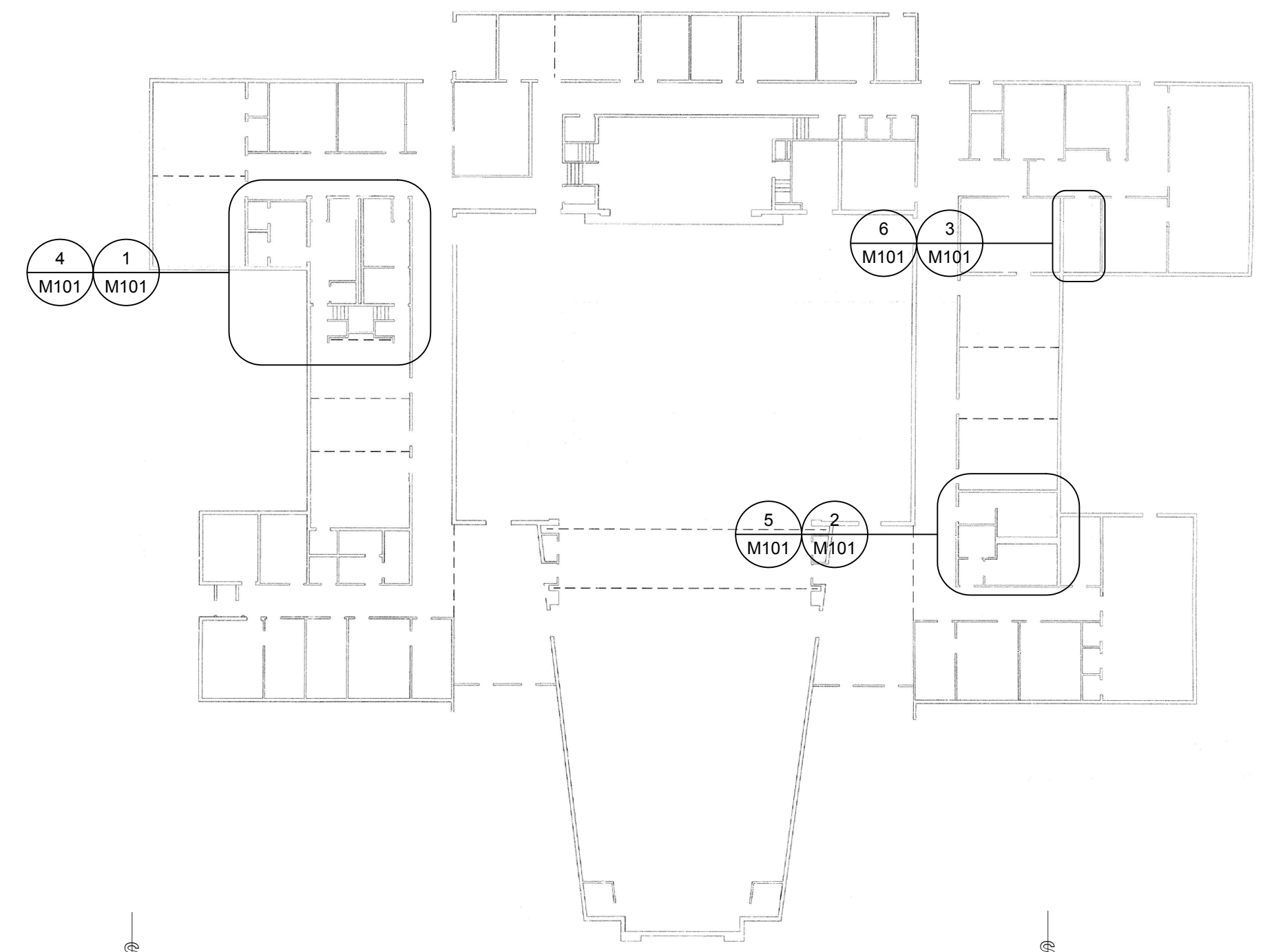
RELOCATE OR REMOVE AND REINSTALL, DUCTS, PIPING, GRILLES, DAMPERS, LOUVERS, FIXTURES, OR ANY OTHER MECHANICAL EQUIPMENT OR DEVICES WHICH ARE ENCOUNTERED DURING DEMOLITION WHICH CONFLICT WITH THE NEW CONSTRUCTION OR WHICH ARE TO ACCOMMODATE THE NEW CONSTRUCTION. ANY EQUIPMENT, PIPING, GRILLES, DAMPERS, LOUVERS, OR FIXTURES TO REMAIN SHALL BE REINSTALLED AT THE COMPLETION OF THIS WORK.



4 ENLARGED MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

5 ENLARGED MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

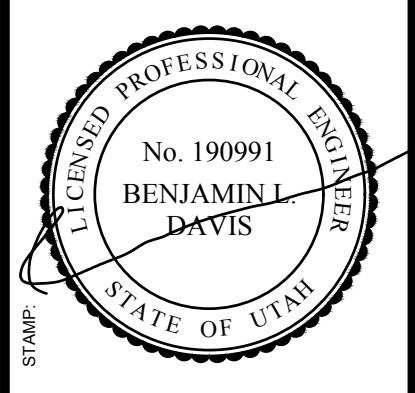
6 ENLARGED MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



7 KEY PLAN
SCALE: NOT TO SCALE

DATE	DESCRIPTION
17 Apr 2017	Issue Documents

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Toll Free: 888.571.0010
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PROJECT FOR
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NAME:
**Lakeridge 1, 4, 7
Orem UT Lakeridge Stake**

158 East 1100 South
Orem, Utah

DATE: 14-Apr-2017
BIDS/PROJECT #: 1621
PKS/SERIES: Stevens
PROJECT #:
510-1409

SHEET TITLE:
ENLARGED MECHANICAL DEMOLITION PLANS AND ENLARGED MECHANICAL PLANS

SHEET:
M101

REGISTER, LOUVER & GRILLE SCHEDULE

MARK	TYPE	SERVICE	CFM RANGE ①	NOMINAL SIZE	REMARKS ③
DG-1	DOOR GRILLE ⑤	TRANSFER AIR	150 - 300	24x12	

DIFFUSER SCHEDULE ② ④

MARK	C.F.M. RANGE ①	DIFFUSER SIZE	NECK CONN.	BLOW	PATTERN	AIR DIST./SIDE	
						A (%)	B (%)
D-1	40 - 100	6X6	6X6 ④	3 WAY		38	31

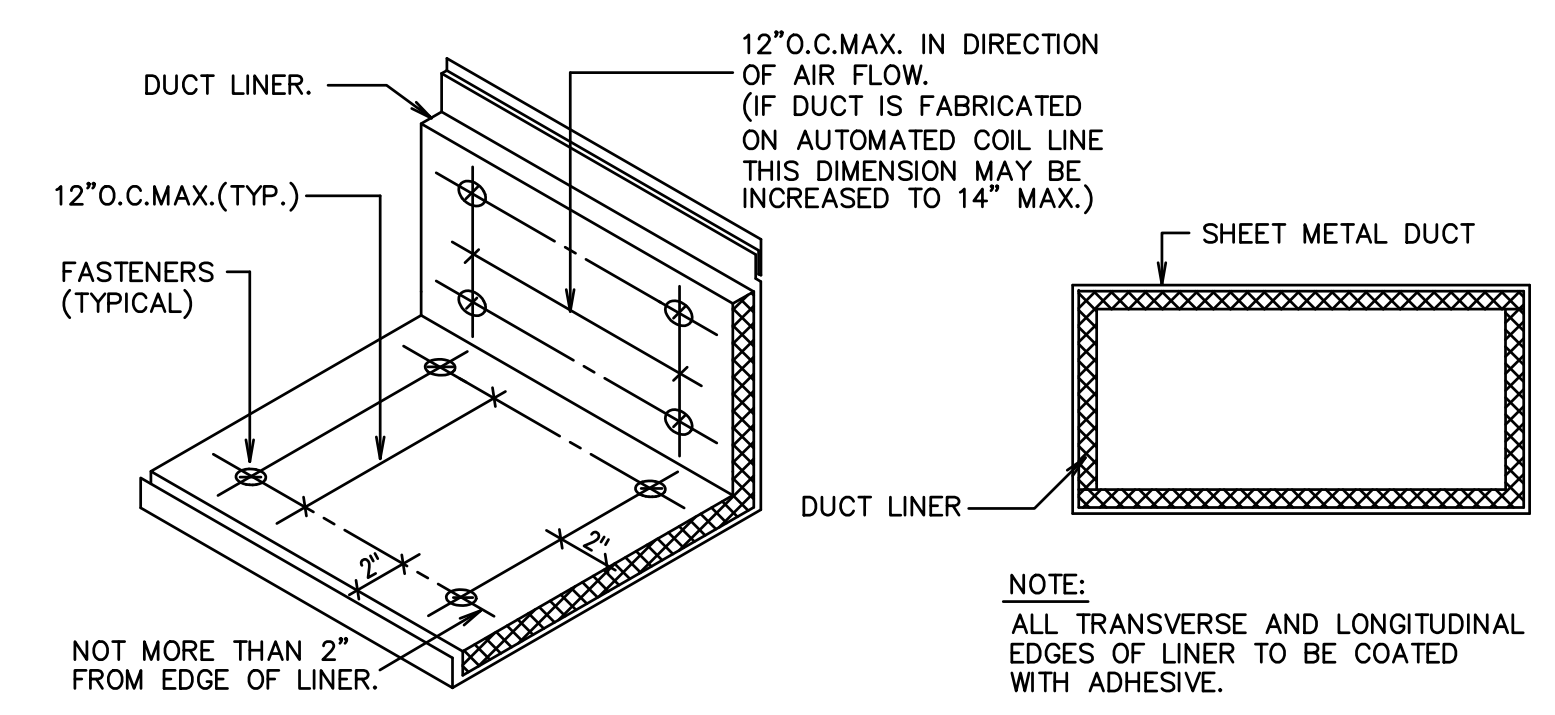
EXHAUST FAN SCHEDULE

MARK	SERVES ROOM	MIN. S.C.F.M.	STATIC PRESSURE IN. W.G.	MINIMUM WATTS	REMARKS
EF 1	WOMEN 120	300	0.25	250W	① ②
EF 2	WOMEN 174	150	0.25	155W	① ②
EF 3	WOMEN 175	75	0.25	81W	① ②
EF 4	FAMILY RESTROOM 184	75	0.25	81W	① ② ③

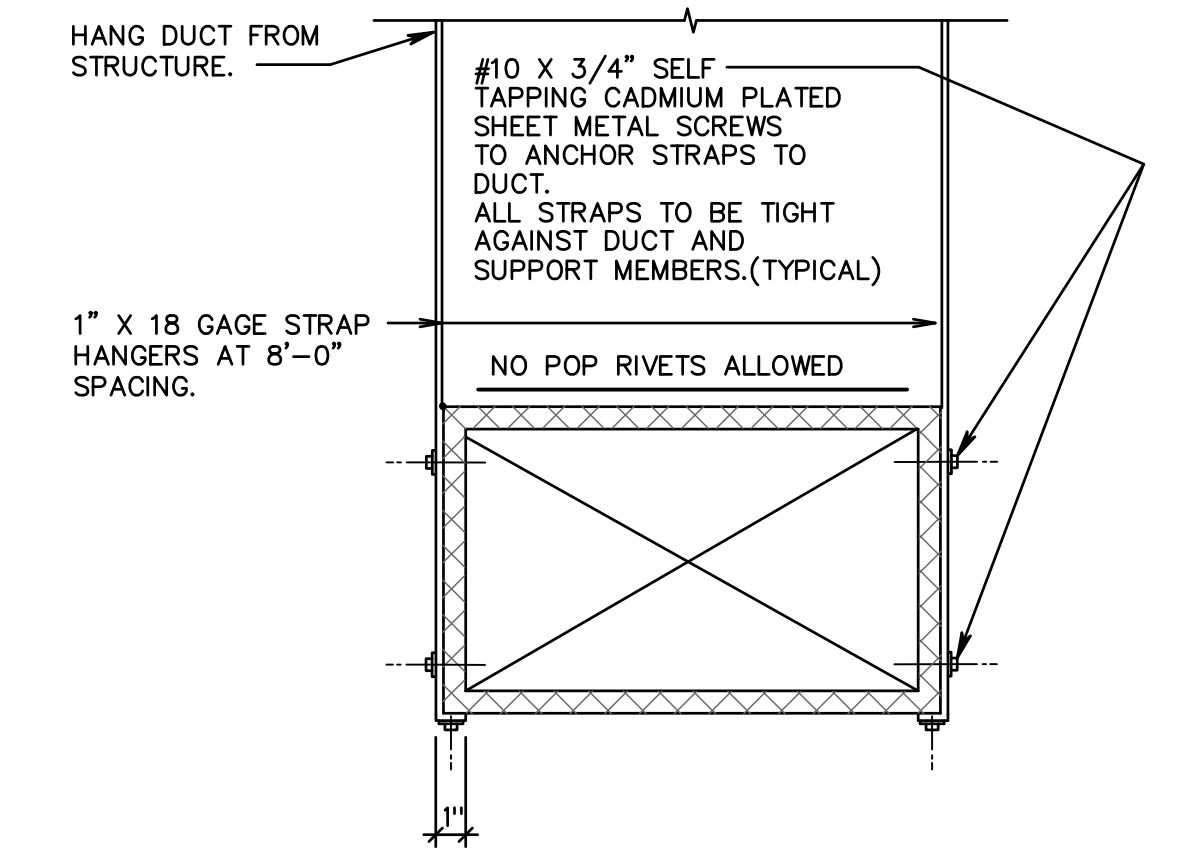
- ① CONTROL BY DIVISION 26.
- ② VOLTAGE IS 115V / 1 PHASE / 60 HZ
- ③ COMPLETE WITH ACCESSORY ROOF DISCHARGE.

REGISTER, GRILLE AND DIFFUSER SCHEDULE NOTES:

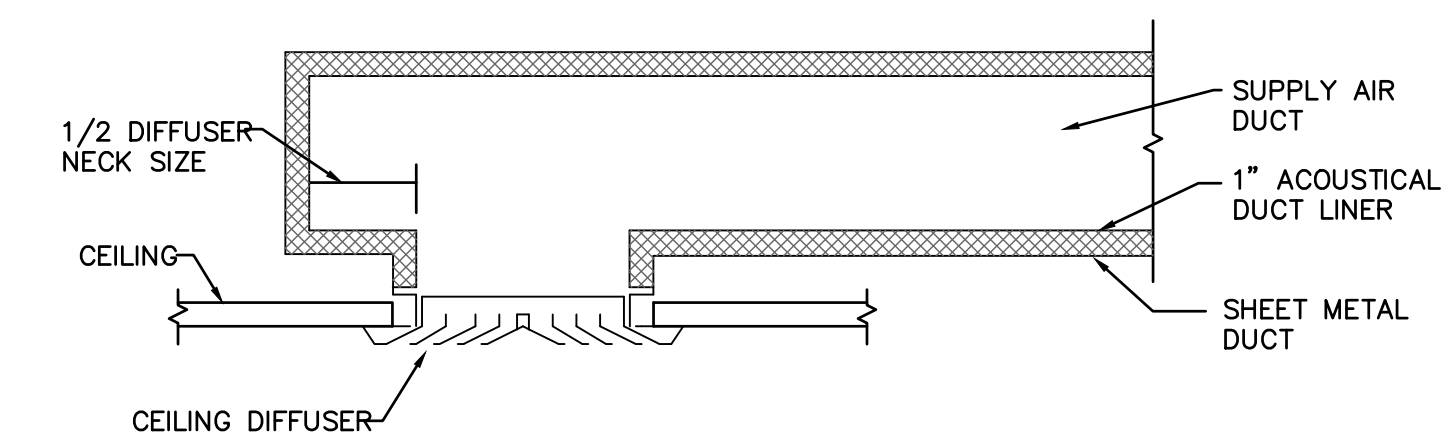
- ① MAXIMUM NC=25 ± MAXIMUM CFM NOTED.
- ② SHALL BE TITUS TDC TYPE 6 OR EQUAL BY OTHER APPROVED MANUFACTURERS. (SEE SPECIFICATIONS)
- ③ SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
- ④ FINISH: OFF-WHITE BAKED ENAMEL.
- ⑤ FINISH: AS SELECTED BY ARCHITECT TO MATCH DOOR.



DUCT LINER DETAIL
SCALE: NONE



DUCT STRAP HANGER DETAIL
SCALE: NONE



CEILING DIFFUSER DETAIL
SCALE: NONE

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17 Apr 2017	Issue Documents

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REGISTERED PROFESSIONAL ENGINEER
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PROJECT FOR
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NAME:
**Lakeridge 1, 4, 7
Orem UT Lakeridge Stake**
158 East 1100 South
Orem, Utah
ISSUE PROJECT # 1621
DATE 14 Apr 2017
DESIGNER # Stevens
PROJECT # 510-1409

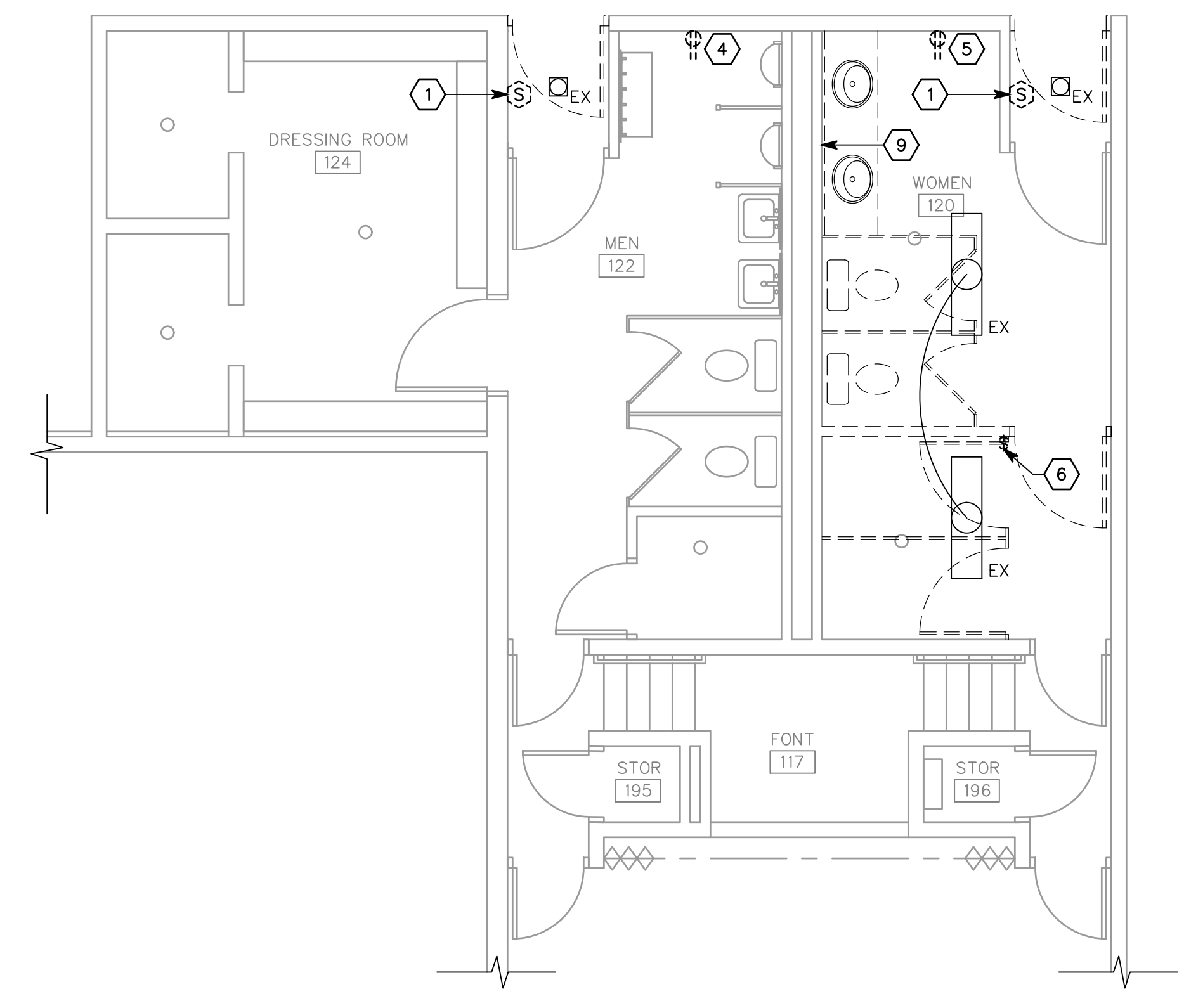
SHEET TITLE:
MECHANICAL SCHEDULES AND DETAILS

SHEET:
M501

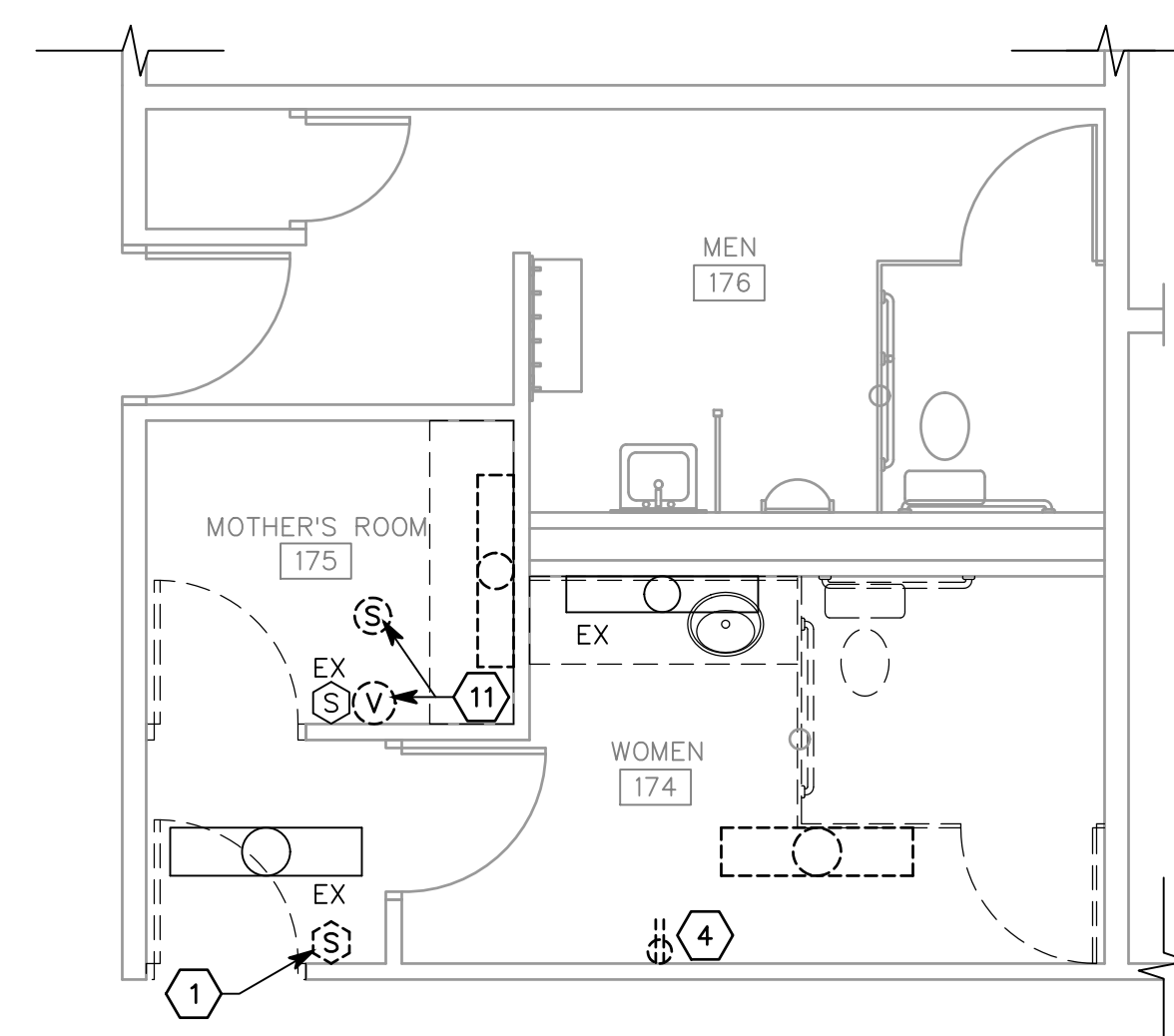
GENERAL SHEET NOTES

- REMOVE AND REINSTALL ALL LIGHTS IN AFFECTED AREAS TO ALLOW FOR NEW WALL AND CEILING FINISHES.
- SHEET KEYNOTES**
- BLANK OFF EXISTING OCCUPANCY SENSOR AND RETURN TO OWNER.
 - PROVIDE NEW CEILING OCCUPANCY SENSOR TO CONTROL LIGHTING IN RESTROOM.
 - RE-CIRCUIT LIGHT TO BE FED FROM THE HALLWAY LIGHTING INSTEAD OF THE RESTROOM LIGHTING.
 - REPLACE EXISTING RECEPTACLE WITH NEW GFCI RECEPTACLE.
 - RAISE EXISTING OUTLET TO +18" TO CENTER AND CHANGE OUT FOR GFCI OUTLET. IF CIRCUIT IS FED FROM UNDERGROUND, PULL BACK WIRING TO LAST JUNCTION BOX AND RE-PULL CIRCUIT TO NEW LOCATION SO THAT NO JUNCTION BOX AT EXISTING LOCATION IS REQUIRED.
 - DEMOLISH SWITCH ON WALL TO BE REMOVED. CONNECT LIGHT TO EXISTING LIGHT (THEY WILL BE CONTROLLED TOGETHER).
 - BLANK OFF EXISTING LIGHT SWITCH.
 - REMOVE EXISTING LIGHTING AND RE-INSTALL (ROTATED 90 DEGREES FROM ITS CURRENT LOCATION).
 - REMOVE AND RE-INSTALL EXISTING WALL LIGHTING AFTER NEW TILE IS INSTALLED.
 - DEMOLISH EXISTING WIREMOLD AND DATA OUTLET.
 - REMOVE SPEAKER AND BLANK OFF WALL VOLUME CONTROL.

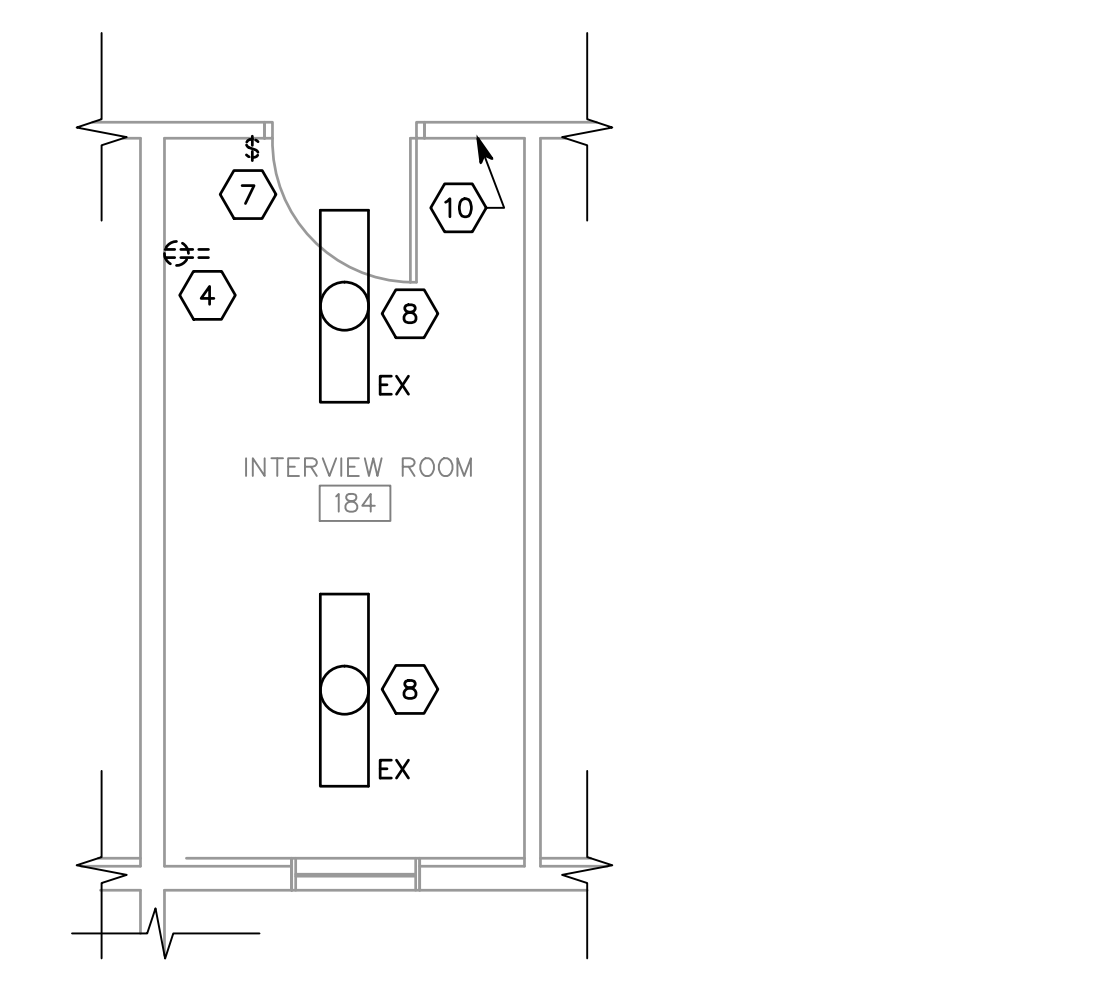
FIXTURE SCHEDULE								
TYPE	NAME	MANUFACTURER	CATALOG NUMBER	LOAD (VA)	LAMPS TYPE	MOUNTING	REMARKS	SYMBOL
F1	DAY-BRITE METALUX H.E. WILLIAMS LSI LITHONIA COLUMBIA	OWN232-UNV-1/2-EB WN-232A-UNV-GE-GE232MAXLULTRA-U 17-4-232-A-LDS-AD-BD-UNV WNA10-232-SSOLR-UE SB232 MVOLT APLP AWN-232		56	2-28W T8 3000K (VERIFY TO MATCH EXISTING TEMPERATURE)	SURFACE	4"x10" FIXTURE WITH WRAP AROUND ACRYLIC LENS. ELECTRONIC BALLAST SEE SPEC. 265100	



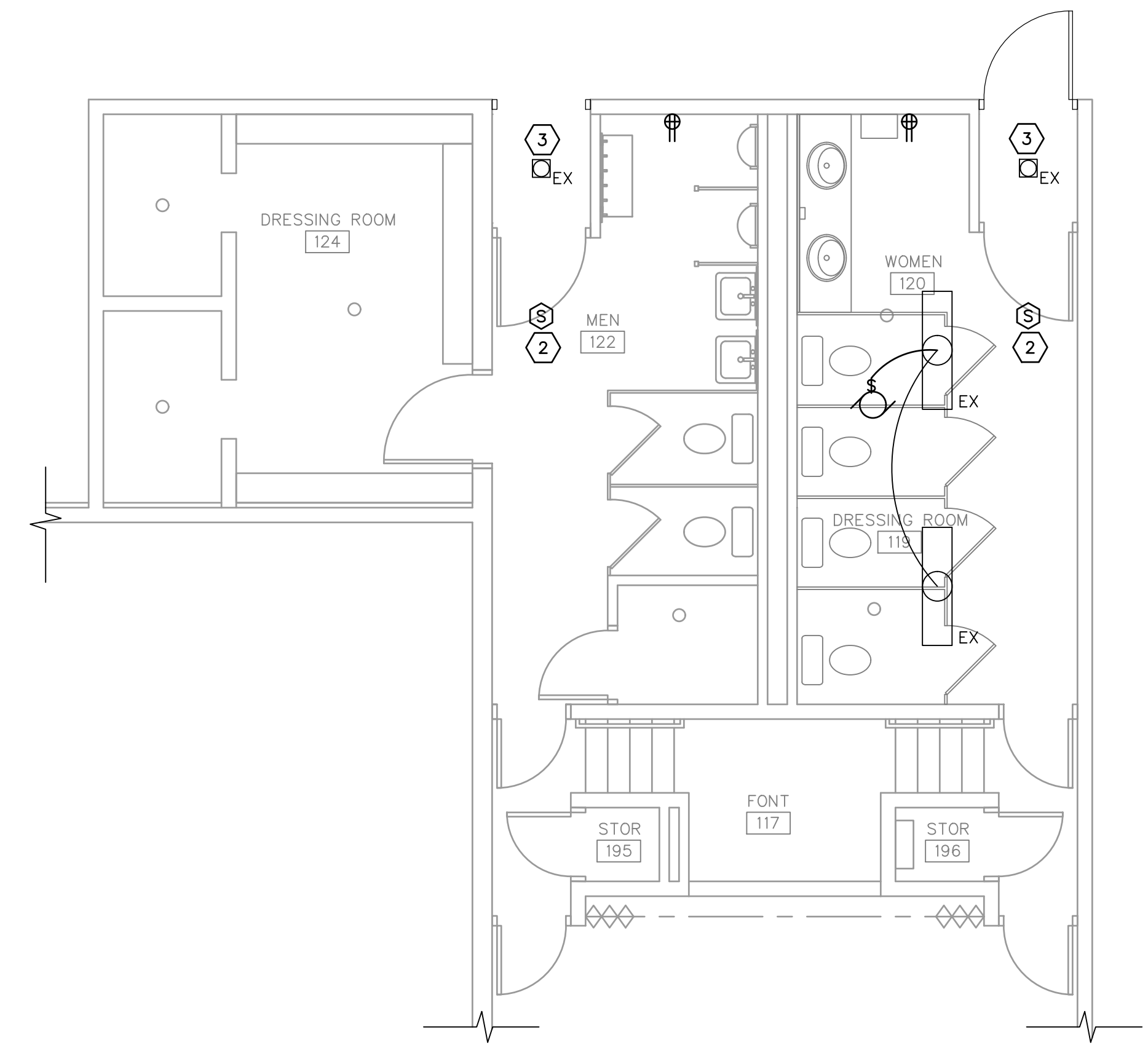
1 ENLARGED ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



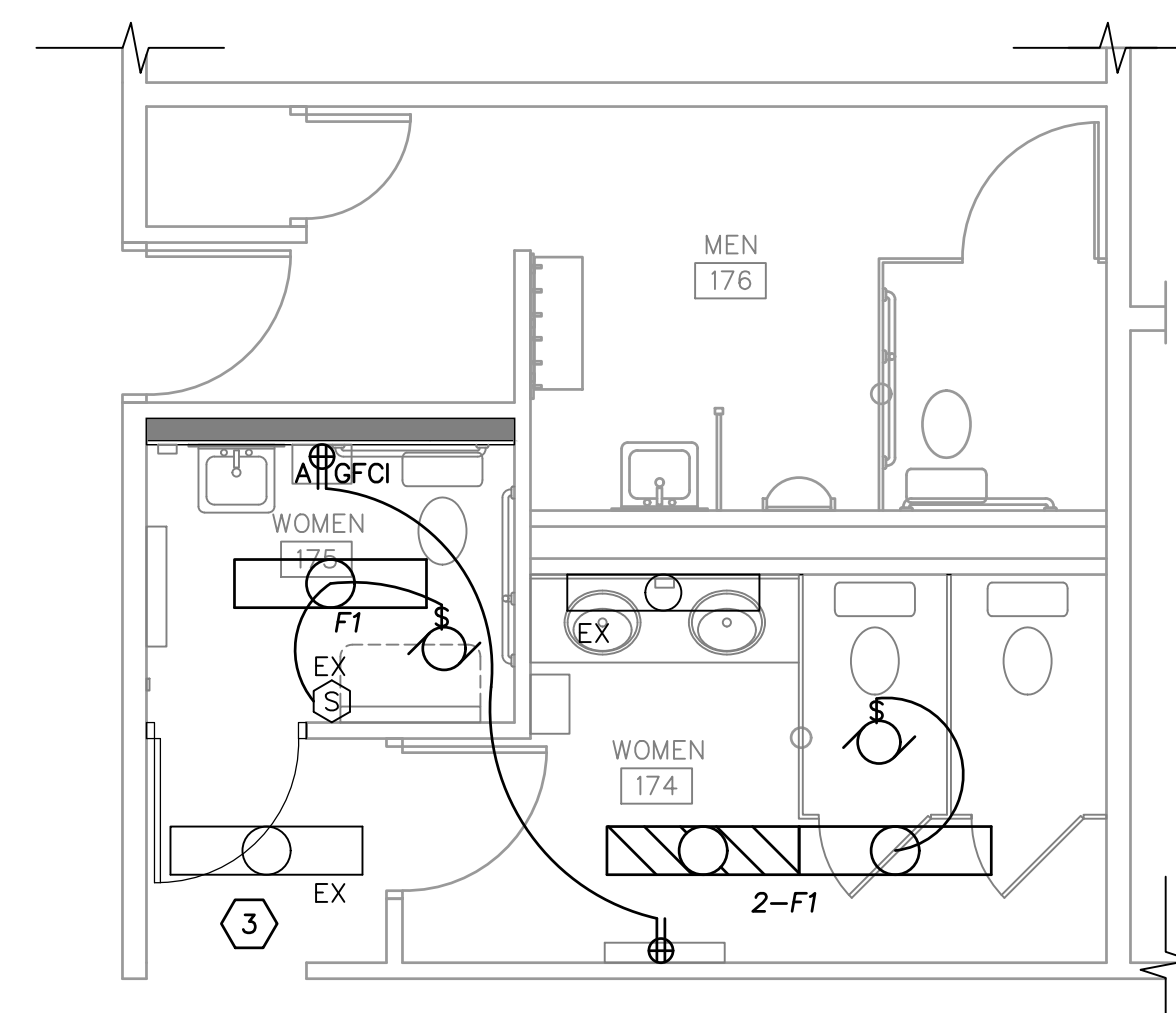
2 ENLARGED ELECTRICAL DEMOLITION PLAN
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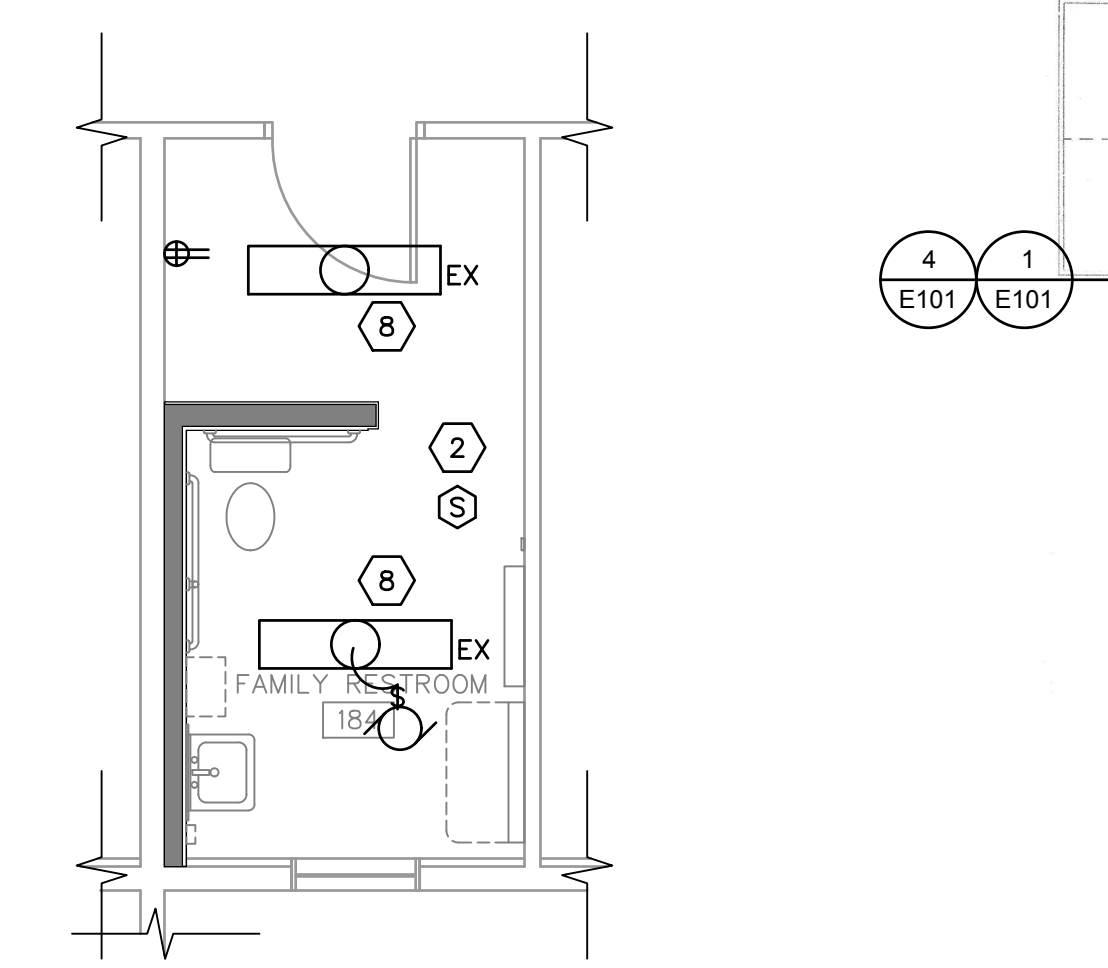
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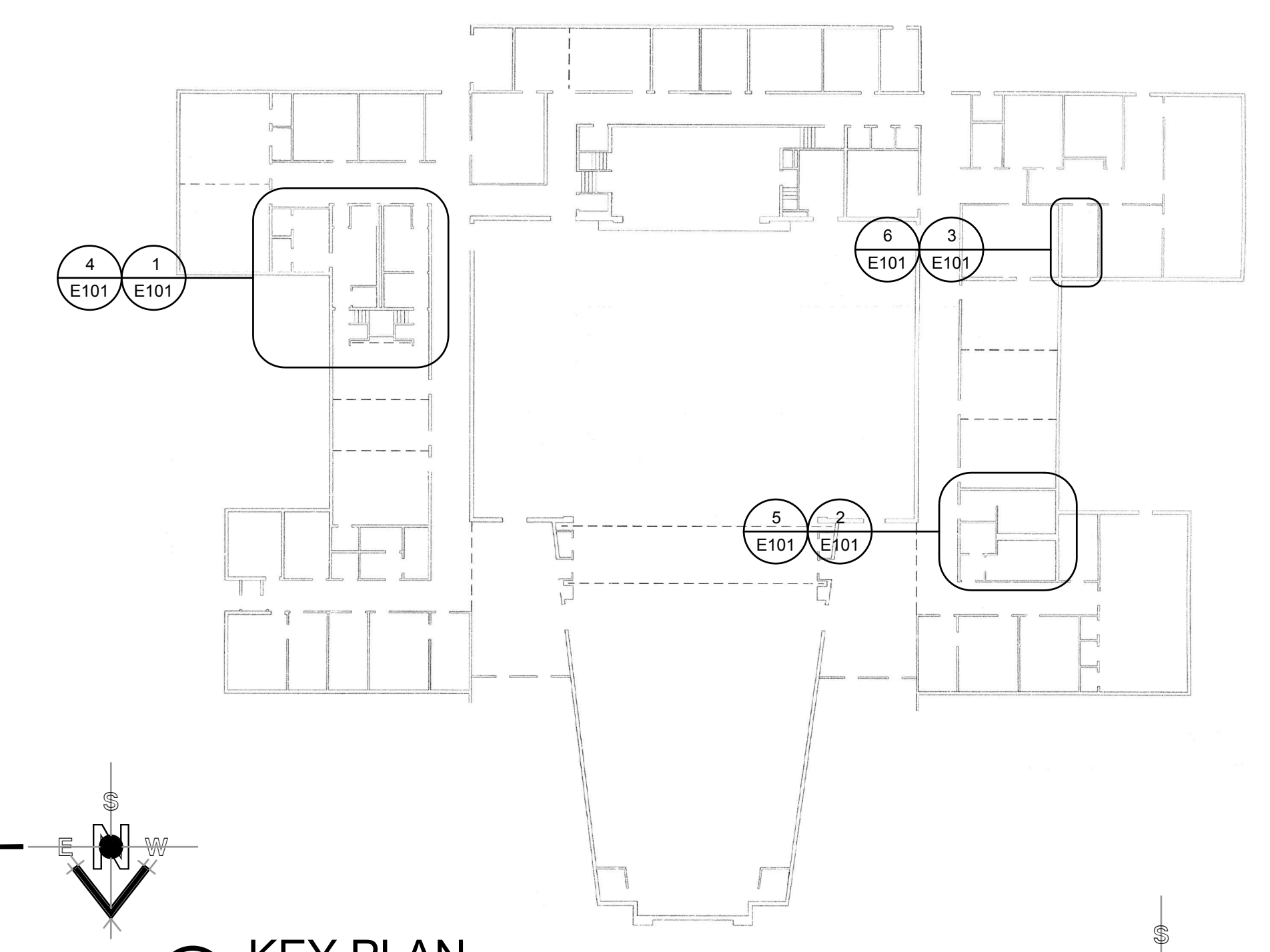
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5 ENLARGED ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



6 ENLARGED ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



7 KEY PLAN
SCALE: NOT TO SCALE

PLOTTED:

#	DATE	DESCRIPTION
1	17 Apr 2017	END DOCUMENT



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PROJECT FOR:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NAME:
**Lakeridge 1, 4, 7
Orem UT Lakeridge Stake**

PROPERTY #:
510-1409

158 East 1100 South
Orem, Utah

PLAN SERIES:
Stevens

DATE:
14 Apr 2017

BIDD PROJECT #:
1621

SHEET TITLE:
ENLARGED DEMOLITION PLANS AND ENLARGED PLANS

SHEET:
E101