

ADDENDUM

Date April 19, 2024

To Prospective Bidders

Re Addendum No. 3 to the Construction Documents for:

University of Southern Maine
Luther Bonney Hall
Restroom Renovations
Portland, Maine
Project No. 23572

This Addendum forms a part of the Contract Documents and modifies the original Construction Documents dated March 28, 2024, Addendum No. 1 dated March 28, 2024 and Addendum No. 2 dated April 4, 2024. Acknowledge receipt of this Addendum in the space provided in the Bid Form.

This Addendum consists of five pages:

- 1) Cover letter
- 2) Bid Questions and Responses, Index to Drawings Revised and Reissued with this Addendum, dated 04-19-2024
- 3) A01-1 Index Plans - Revised and Reissued
- 4) P00-1 Legend, General Notes & Details - Revised and Reissued
- 5) M05-1 Demolition Ductwork - Revised and Reissued"

Harriman



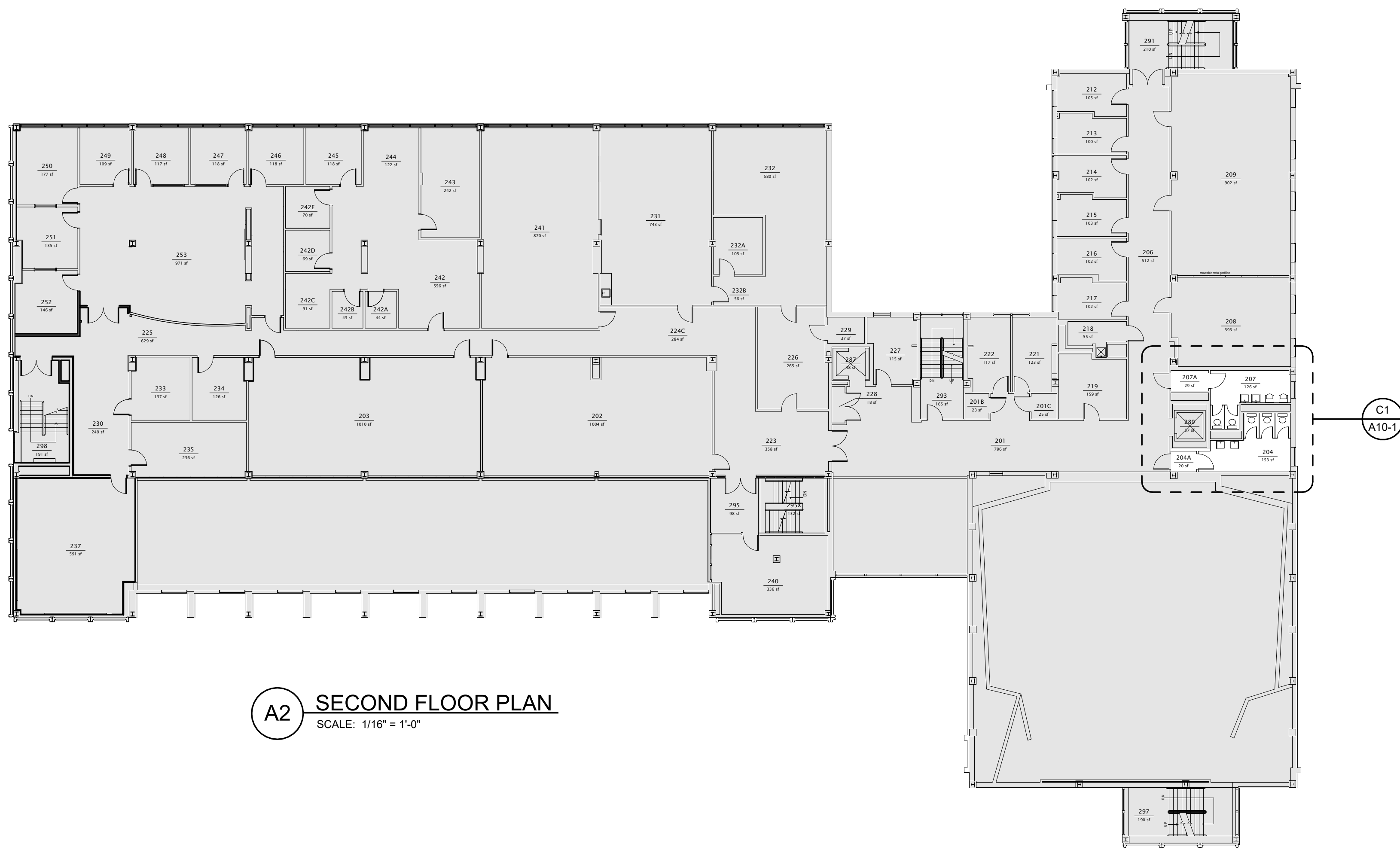
Mark D. Lee, AIA
Principal, CEO

BID QUESTIONS AND RESPONSES

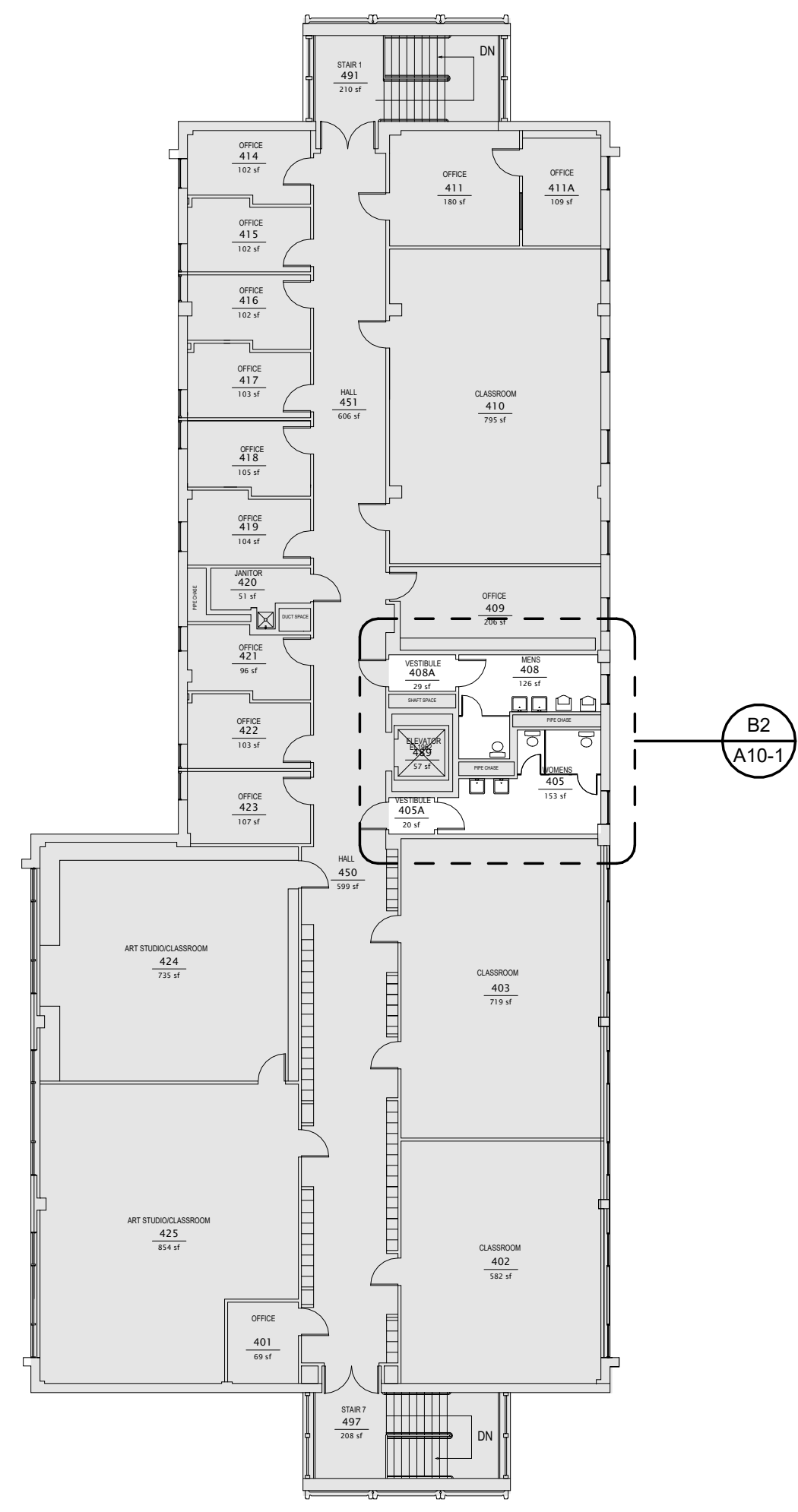
- Q1. They are calling for duct cleaning down stream of work "if decided by Architect that duct was dirtied significantly by construction work", obviously we won't know if the Architect will say it needs cleaning or not. How do we provide a cost for this?
- A1. Provide cost to duct clean entire exhaust system.**
- Q2. In the notes below the D03 through D06 call for removal and prepare for reconnection, as near as we can tell there is nothing happening with these and they also appear to be radiator covers as in the D02 and not grills. Please advise if we are to remove and refinish as stated in the D02 description.
- A2. Updated key notes to accurately represent intent. See M05-1 revised and re-issued with this Addendum.**
- Q3. Plumbing fixtures section 224000 Part 2-Products sub-par. 2.1 A 2l tempering device. Where these are ADA compliance are these mixing valves required below the Lav's? If so what make and model will be required? Could we please get a detail of design you are requiring?
- A3. Tempering valves will not be required as the faucets are manual operation.**
- Q4. Section 224000 page 3 1.7 extra material mentions to provide toilet seats, flushometer valve repair kits and cartridges and O-rings for faucets. Does this apply to new fixtures only or for the existing fixtures also? If this is to include existing fixtures, can we get make and model numbers so we know what to get pricing on? This also goes for toilet seats, they are exiting toilets, do we need to provide extras even though we are not providing any?
- A4. This shall only apply to new fixtures.**
- Q5. Will any bathrooms have to remain operational during construction?
- A5. None of the restrooms in the Project Scope need to remain in service. There are two unisex restrooms adjacent to the Lobby that will remain in service.**
- Q6. Will we have access to the elevators for construction purposes? For example, loading materials, removing demo'd items?
- A6. The elevator will be available for construction use. No classes will be held in Luther Bonney during the project.**
- Q7. Is there any Davis Bacon or prevailing wages?
- A7. See Specification 00 73 46.**

DRAWINGS REVISED AND REISSUED WITH THIS ADDENDUM, DATED 04-19-2024:

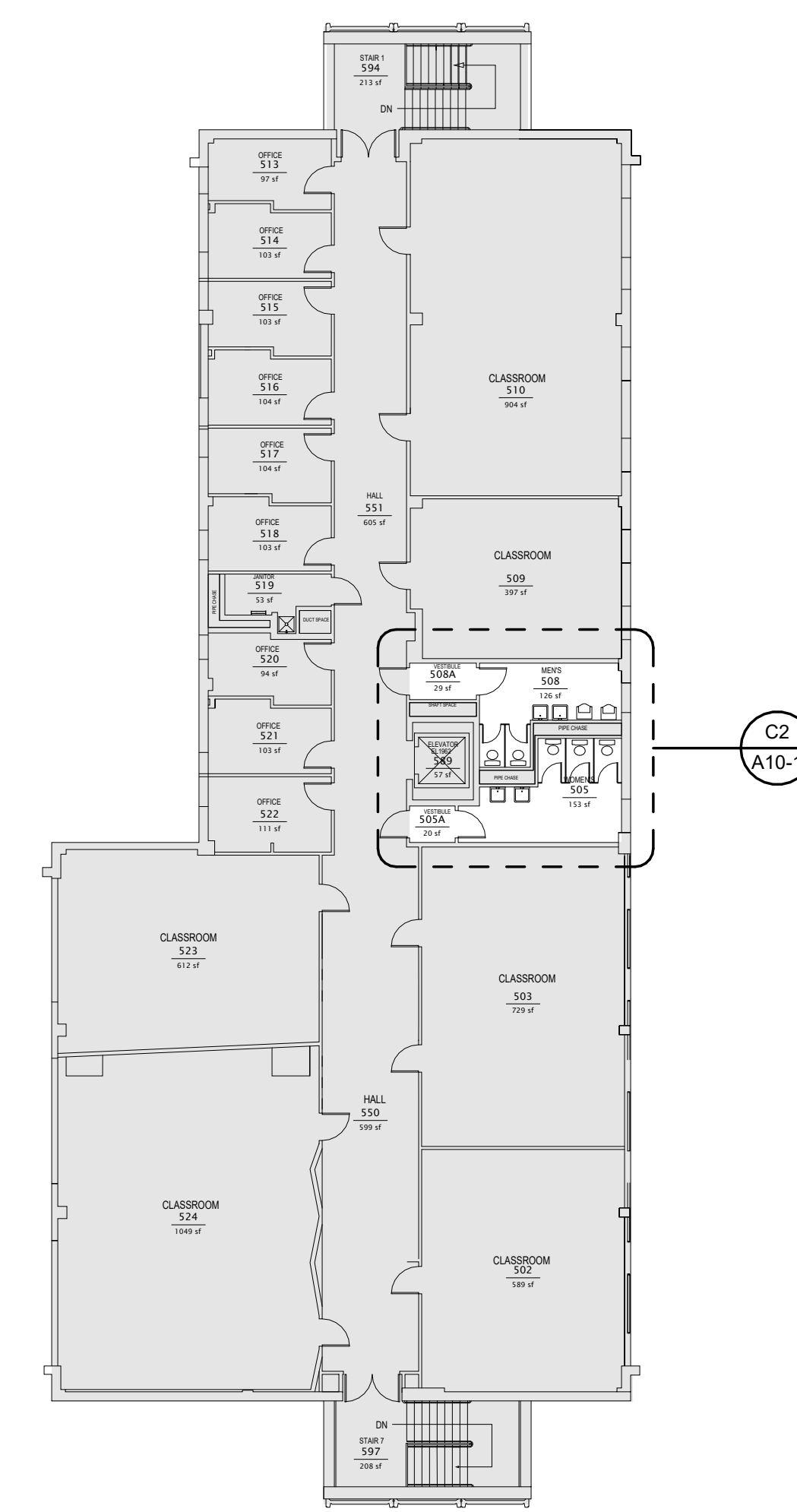
1. DRAWING A01-1 INDEX PLANS
2. DRAWING P00-1 LEGEND, GENERAL NOTES & AND DETAILS
3. DRAWING M05-1 DEMOLITION DUCTWORK



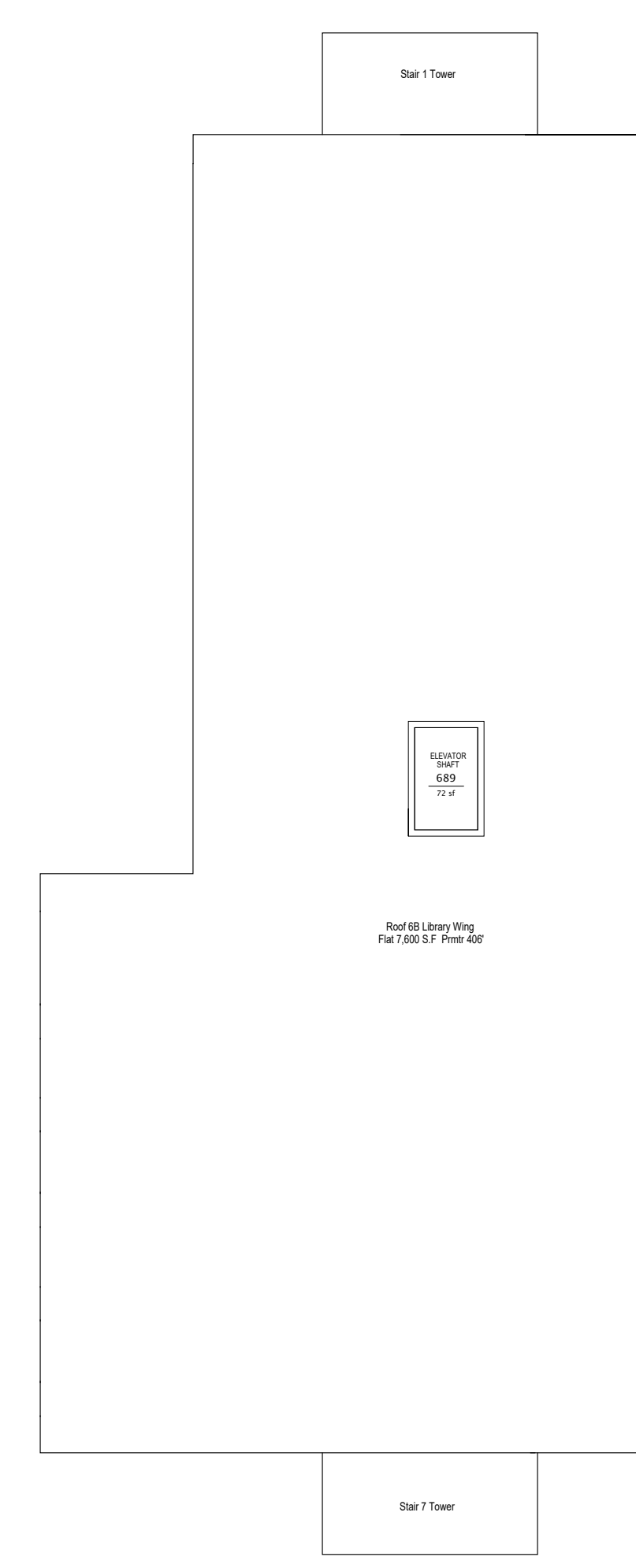
A2 SECOND FLOOR PLAN
SCALE: 1/16" = 1'-0"



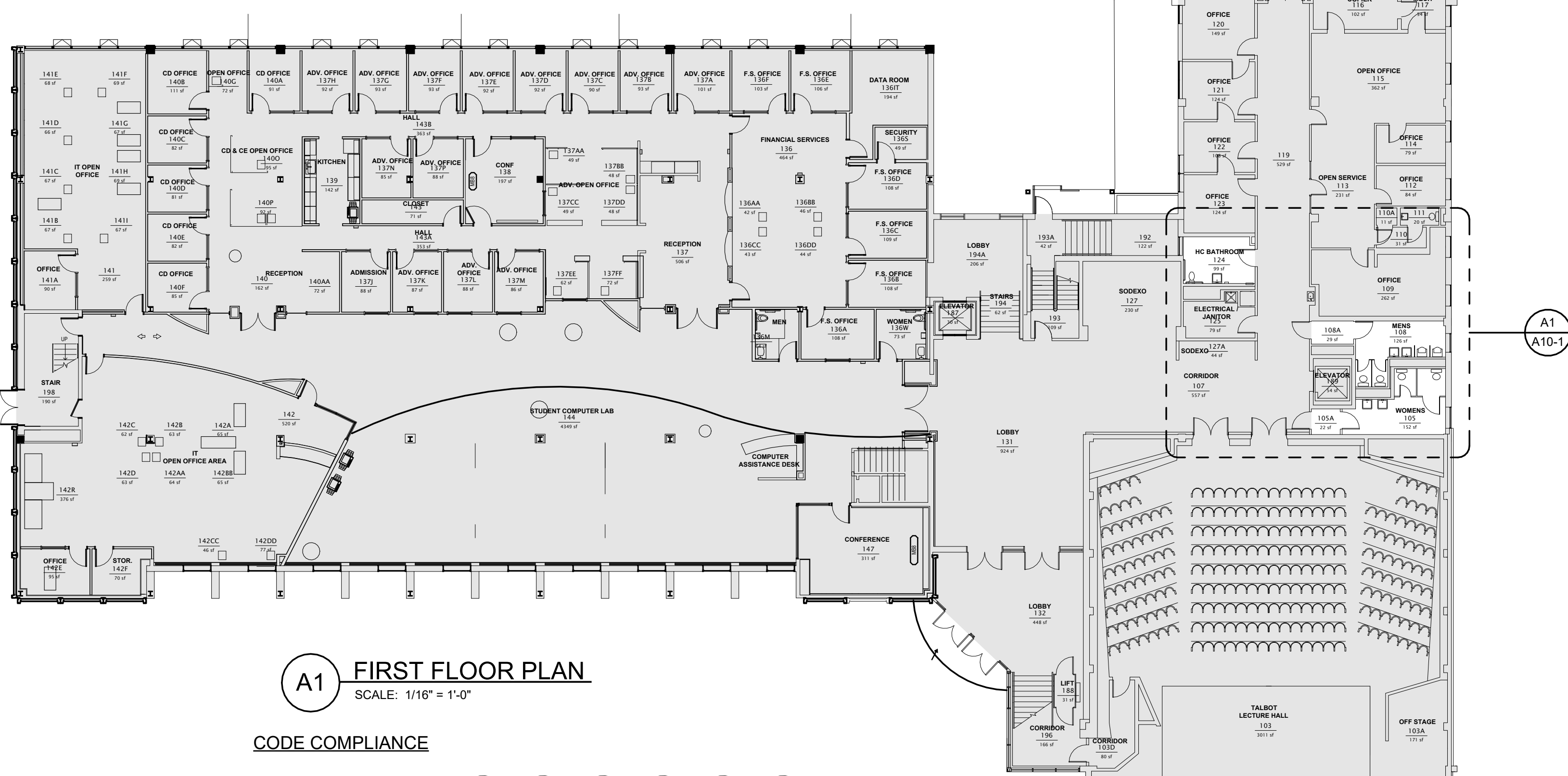
A4 4TH FLOOR PLAN
SCALE: 1/16" = 1'-0"



A5 5TH FLOOR PLAN
SCALE: 1/16" = 1'-0"



A6 ROOF PLAN
SCALE: 1/16" = 1'-0"



A1 FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"

CODE COMPLIANCE

BUILDING DESIGN CODES:
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
NFPA 101 LIFE SAFETY CODE / 2018
MAINE UNIFORM BUILDING AND ENERGY CODE
INTERNATIONAL BUILDING CODE / 2015
INTERNATIONAL MECHANICAL CODE / 2015
ASHRAE /IES STANDARD 90.1 - 2016
NFPA 70 NATIONAL ELECTRIC CODE / 2020
INTERNATIONAL ENERGY CONSERVATION CODE / 2015
UNIFORM PLUMBING CODE / 2021

OCCUPANCY CLASSIFICATION:
NFPA BUSINESS
IBC BUSINESS
A1 ASSEMBLY

BUILDING HEIGHT:
ALLOWABLE: 75'
ACTUAL: 56'-10 1/2"

CONSTRUCTION TYPE:
NFPA - TYPE II (000)
IBC - TYPE II-B
FIRE SPRINKLERED: YES
FIRE ALARM: YES

BUILDING AREA:
BASEMENT: 5,656
FIRST: 26,017
SECOND: 24,862
THIRD: 10,093
FOURTH: 8,138
FIFTH: 8,126
TOTAL: 82,892

MEANS OF EGRESS:
MAX TRAVEL DISTANCE: 200'
DEAD END CORRIDOR: 35' IBC / 20' NFPA
COMMON PATH OF TRAVEL: 75' MAX
MIN CORRIDOR WIDTH: 44"
EXIT CAPACITY:
STAIRWAYS: 0.3' / occupant
OTHER EGRESS: 0.2' / occupant

PLUMBING FIXTURE COUNTS:
REQUIRED:
MEN: 7 WATER CLOSETS, 5 URINALS, 8 LAVATORIES
WOMEN: 17 WATER CLOSETS, 9 LAVATORIES
PROPOSED:
MEN: 8 WATER CLOSETS, 10 URINALS, 11 LAVATORIES
WOMEN: 14 WATER CLOSETS, 11 LAVATORIES
SINGLE USER: 3 WATER CLOSET, 3 LAVATORY

OCCUPANT LOAD FACTORS

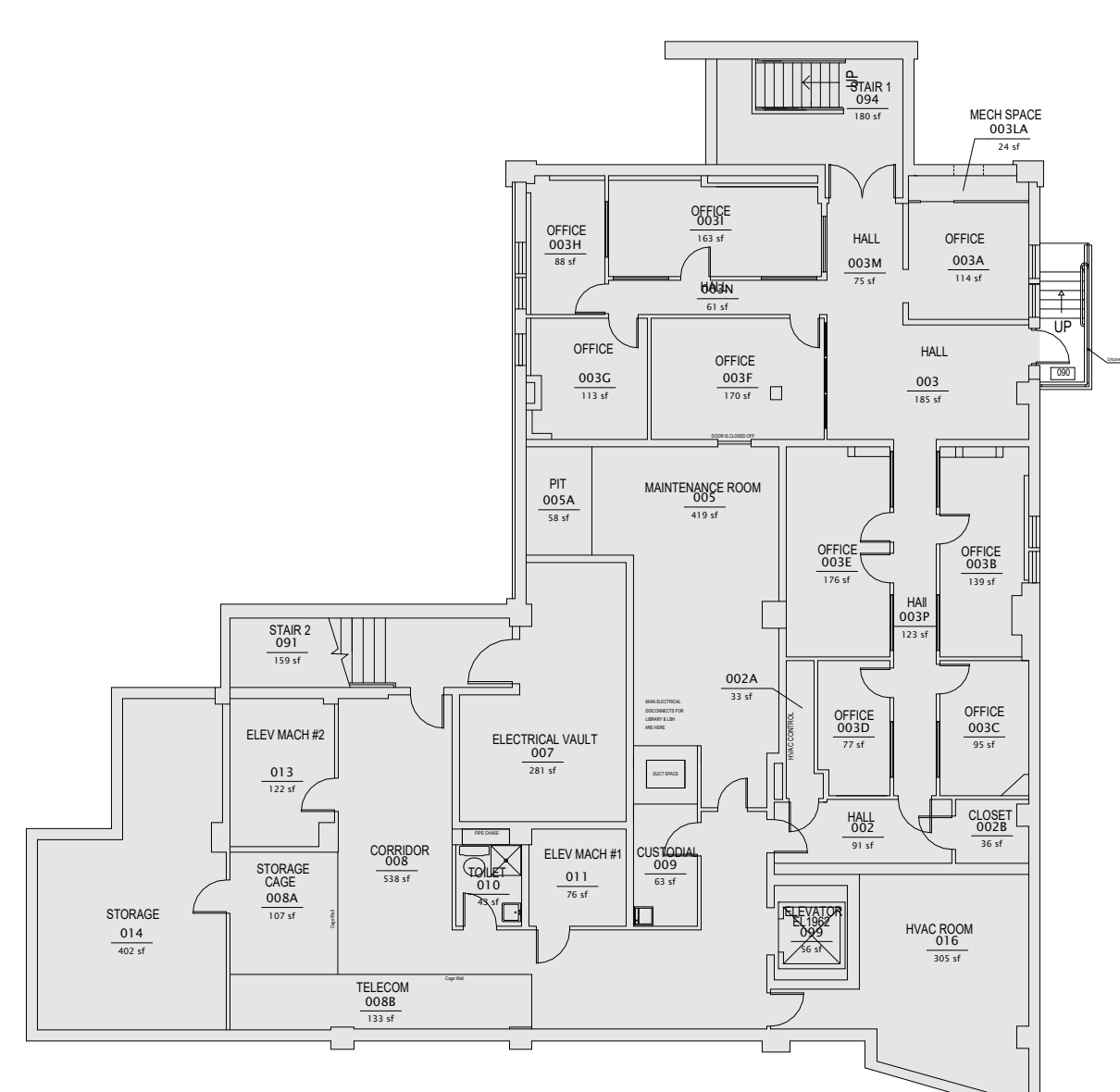
CLASSROOM:	20 sf/occupant
OFFICE:	100 sf/occupant
ASSEMBLY, FIXED:	Per Number of Seats

AREA & OCCUPANCY BY FLOOR

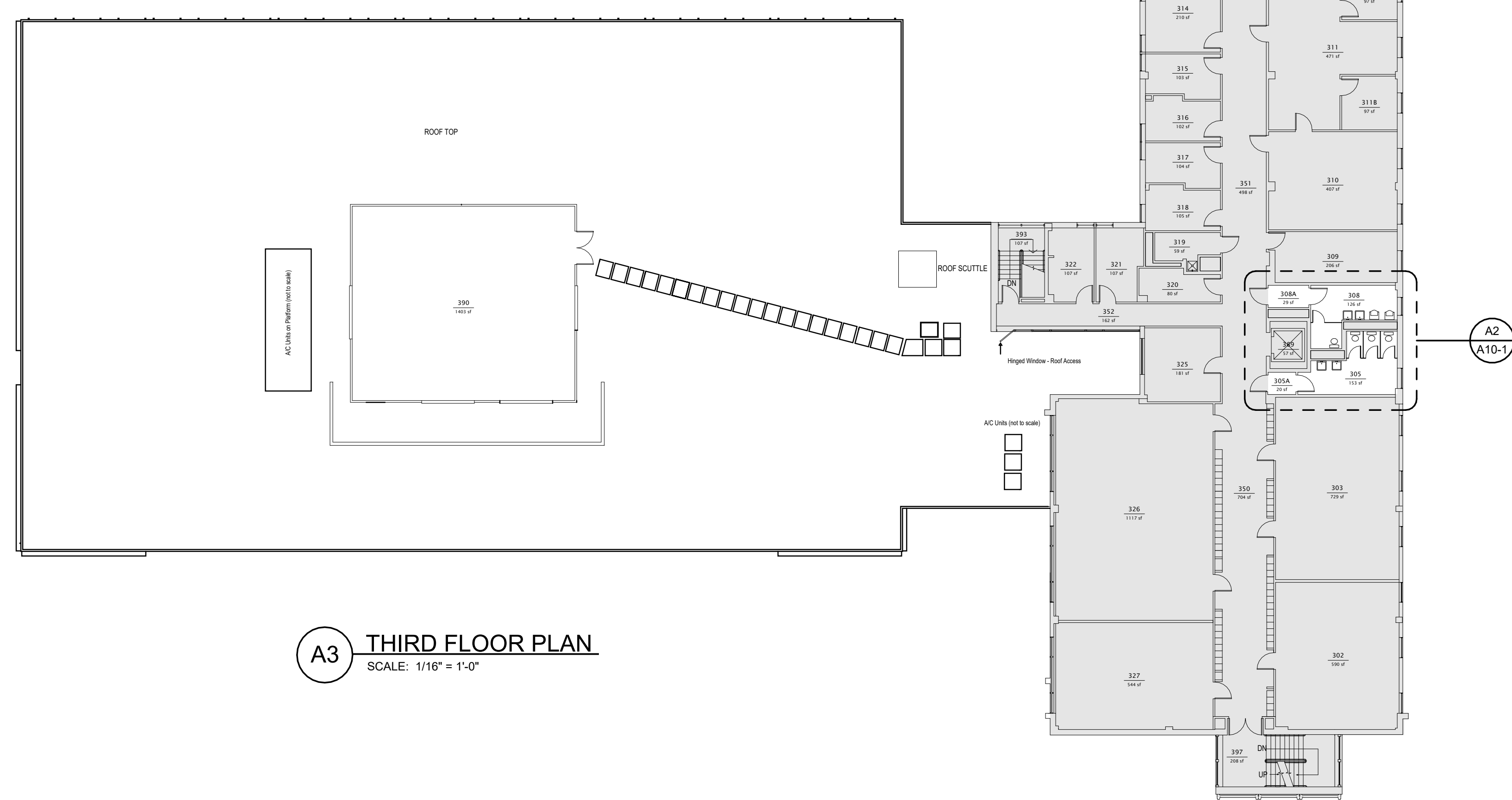
FLOOR	CLASSROOM AREA	CLASSROOM OCCUPANT LOAD	OFFICE AREA	OFFICE OCCUPANT LOAD	TOTAL OCCUPANTS
BASEMENT					
FLOOR 1	13,572 SF @ 100 sf/occ	136			136
FLOOR 2	4,798 SF @ 20 sf/occ	240			240
FLOOR 3	3,453 SF @ 20 sf/occ	173			173
FLOOR 4	4,220 SF @ 20 sf/occ	211			211
FLOOR 5	4,356 SF @ 20 sf/occ	218			218
TOTAL	16,827 SF	269	10,868 SF @ 100 sf/occ	11	280

AREA SUMMARY:
TOTAL CLASSROOM AREA: 16,827 SF
TOTAL OFFICE AREA: 26,068 SF
TOTAL ASSEMBLY AREA: 240 SEATS

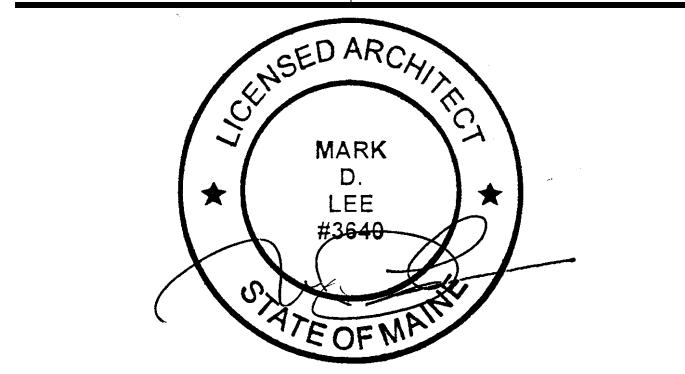
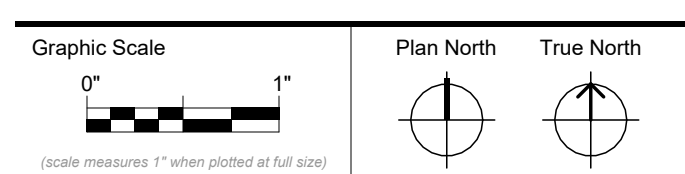
OCCUPANCY SUMMARY:
TOTAL CLASSROOM OCCUPANTS: 842
TOTAL OFFICE OCCUPANTS: 269
TOTAL ASSEMBLY OCCUPANTS: 240
TOTAL OCCUPANT LOAD: 1,351



A0 BASEMENT PLAN
SCALE: 1/16" = 1'-0"



A3 THIRD FLOOR PLAN
SCALE: 1/16" = 1'-0"



CONSTRUCTION DOCUMENTS

MARCH 8, 2024

Revision Date	Revision Description
04-19-2024	ADDENDUM 3

Drawn by: ERP

INDEX PLANS

UNIVERSITY OF SOUTHERN MAINE LUTHER BONNEY HALL RESTROOM RENOVATIONS

PORTLAND, MAINE

Harriman Project No. 23572

EXISTING PIPE LEGEND

	XGW	EXISTING GREASE WASTE PIPING BELOW FINISHED FLOOR
	XGWW	EXISTING GREASE WASTE VENT PIPING BELOW FINISHED FLOOR
	XS	EXISTING SANITARY PIPING BELOW FINISHED FLOOR
	XSD	EXISTING STORM DRAIN PIPING BELOW FINISHED FLOOR
	XSG	EXISTING SOIL GAS PIPING BELOW FINISHED FLOOR
	XV	EXISTING VENT PIPING BELOW FINISHED FLOOR
	XCA	EXISTING COMPRESSED AIR PIPING ABOVE FINISHED FLOOR
	XCD	EXISTING CONDENSATE PIPING ABOVE FINISHED FLOOR
	XCD	EXISTING HEAT TRACED CONDENSATE PIPING ABOVE FINISHED FLOOR
	XCW	EXISTING COLD WATER PIPING ABOVE FINISHED FLOOR
	XG	EXISTING GAS PIPING ABOVE FINISHED FLOOR
	XGV	EXISTING GAS VENT PIPING ABOVE FINISHED FLOOR
	XGW	EXISTING GREASE WASTE PIPING ABOVE FINISHED FLOOR
	X85"TW	EXISTING 85°F TEMPID WATER PIPING ABOVE FINISHED FLOOR
	X120"HW	EXISTING 120°F HOT WATER PIPING ABOVE FINISHED FLOOR
	X140"HW	EXISTING 140°F HOT WATER PIPING ABOVE FINISHED FLOOR
	X120"HW R	EXISTING 120°F WATER RETURN PIPING ABOVE FINISHED FLOOR
	X140"HW R	EXISTING 140°F WATER RETURN PIPING ABOVE FINISHED FLOOR
	XOD	EXISTING OVERFLOW STORM DRAIN PIPING ABOVE FINISHED FLOOR
	XS	EXISTING SANITARY PIPING ABOVE FINISHED FLOOR
	XSD	EXISTING STORM DRAIN PIPING ABOVE FINISHED FLOOR
	XSG	EXISTING SOIL GAS PIPING ABOVE FINISHED FLOOR
	XTP	EXISTING TRAP PRIMER PIPING
	XV	EXISTING VENT PIPING ABOVE FINISHED FLOOR

PIPE LEGEND

	GW	PROPOSED GREASE WASTE PIPING BELOW FINISHED FLOOR
	GWV	PROPOSED GREASE WASTE VENT PIPING BELOW FINISHED FLOOR
	S	PROPOSED SANITARY PIPING BELOW FINISHED FLOOR
	SD	PROPOSED STORM DRAIN PIPING BELOW FINISHED FLOOR
	SG	PROPOSED SOIL GAS PIPING BELOW FINISHED FLOOR
	V	PROPOSED VENT PIPING BELOW FINISHED FLOOR
	CA	PROPOSED COMPRESSED AIR PIPING ABOVE FINISHED FLOOR
	CD	PROPOSED CONDENSATE PIPING ABOVE FINISHED FLOOR
	CD	PROPOSED HEAT TRACED CONDENSATE PIPING ABOVE FINISHED FLOOR
	CW	PROPOSED COLD WATER PIPING ABOVE FINISHED FLOOR
	G	PROPOSED GAS PIPING ABOVE FINISHED FLOOR
	GV	PROPOSED GAS VENT PIPING ABOVE FINISHED FLOOR
	GW	PROPOSED GREASE WASTE PIPING ABOVE FINISHED FLOOR
	85"TW	PROPOSED 85°F TEMPID WATER PIPING ABOVE FINISHED FLOOR
	120"HW	PROPOSED 120°F HOT WATER PIPING ABOVE FINISHED FLOOR
	140"HW	PROPOSED 140°F HOT WATER PIPING ABOVE FINISHED FLOOR
	120"HW R	PROPOSED 120°F WATER RETURN PIPING ABOVE FINISHED FLOOR
	140"HW R	PROPOSED 140°F WATER RETURN PIPING ABOVE FINISHED FLOOR
	OD	PROPOSED OVERFLOW STORM DRAIN PIPING ABOVE FINISHED FLOOR
	S	PROPOSED SANITARY PIPING ABOVE FINISHED FLOOR
	SD	PROPOSED STORM DRAIN PIPING ABOVE FINISHED FLOOR
	SG	PROPOSED SOIL GAS PIPING ABOVE FINISHED FLOOR
	TP	PROPOSED TRAP PRIMER PIPING
	V	PROPOSED VENT PIPING ABOVE FINISHED FLOOR
	CAP	CLEANOUT
	CLEANOUT	CLEANOUT
	PIPE DROP	PIPE DROP
	PIPE RISE	PIPE RISE
	PIPE TEE	PIPE TEE

PIPE ACCESSORY LEGEND

	BACKFLOW PREVENTER
	CIRCULATING PUMP
	CHECK VALVE
	FLOW ARROW
	GAS SOLENOID VALVE
	PRESSURE GAUGE
	PRESSURE RELIEF VALVE
	SHUT-OFF VALVE
	SHUT-OFF VALVE WITH THREADED HOSE END
	THERMOMETER
	UNION
	THERMOSTATIC FLOW CONTROL VALVE

FIXTURE CARRIER LEGEND

	SINGLE HORIZONTAL ADJUSTABLE CARRIER
	BACK TO BACK HORIZONTAL ADJUSTABLE CARRIER
	SINGLE VERTICAL ADJUSTABLE CARRIER
	BACK TO BACK VERTICAL ADJUSTABLE CARRIER
	LAVATORY CARRIER
	URINAL CARRIER

PLUMBING FIXTURE LEGEND

	FLOOR CLEANOUT
	FLOOR DRAIN
	FLOOR SINK
	FREEZE PROOF WALL HYDRANT
	HOT WATER HOSE BIBB
	ROOF DRAIN
	ROOF DRAIN WITH OVERFLOW
	SOIL GAS FAN
	SUMP PUMP
	ELECTRONIC TRAP PRIMER
	WATER METER
	WALL CLEANOUT

ABBREVIATIONS LEGEND

AP	ACCESS PANEL
BP-X	BOOSTER PUMP
CW	CLOTHES WASHER
CO	CLEANOUT
DCE-X	DOMESTIC CIRCULATING PUMP
DW	DISH WASHER
EEW-X	EMERGENCY EYEWASH
EEWS-X	EMERGENCY EYEWASH & SHOWER
ET-X	EXPANSION TANK
EWG-X	ELECTRIC WATER COOLER
EQO-X	FLOOR CLEANOUT
ED-X	FLOOR DRAIN
EH	FUME HOOD
FS-X	FLOOR SINK
HB-X	HOSE BIBB
HR-X	HOSE REEL
L-X	LAVATORY
LSK-X	LAB SINK
MB-X	MOP BASIN
RD-X	ROOF DRAIN
SA-X	SHOCK ARRESTOR (P.D.I. RATING)
SH-X	SHOWER
SI-X	SOLIDS INTERCEPTOR
SK-X	SINK
SOL-X	SAND & OIL INTERCEPTOR
SP-X	SUMP PUMP
TP-X	TRAP PRIMER
UR-X	URINAL
WC-X	WATER CLOSET
WCQ	WALL CLEANOUT
WF-X	WASH FOUNTAIN
WH-X	WALL HYDRANT
AFB	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
CW	COLD WATER
DN	DOWN
GWVTR	GREASE WASTE VENT THROUGH ROOF
HW	HOT WATER
HWR	HOT WATER RETURN
INV. EL	INVERT ELEVATION
N.C	NORMALLY CLOSED
N.O	NORMALLY OPEN
S	SANITARY
SGTR	SOIL GAS THRU ROOF
TYP.	TYPICAL
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE
☉	CONNECT NEW TO EXISTING

GENERAL NOTES

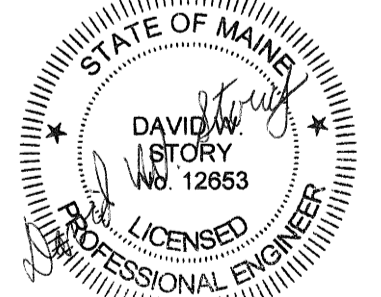
- REFER TO INSTALLATION SCHEDULES FOR THE SIZE OF PIPING CONNECTIONS AND MOUNTING HEIGHTS OF EACH FIXTURE.
- SANITARY WASTE PIPING 4" & LARGER SHALL BE INSTALLED WITH A PITCH OF 1/4" PER 1'-0".
- STORM, INDIRECT WASTE & GREASE PIPING SHALL BE INSTALLED WITH A PITCH OF 1/8" PER 1'-0" EXCEPT WHERE NOTED.
- PLUMBING CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF UTILITIES AT ALL POINTS OF CONNECTION INDICATED ON DRAWINGS BEFORE START OF PROJECT.
- PROVIDE ISOLATION VALVES ON BRANCH PIPING TO FIXTURE GROUPS & REMOTE FIXTURES AND WHERE INDICATED ON PLANS, VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
- PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED; EXPOSED PIPING, WHERE NECESSARY, SHALL BE ROUTED AS HIGH AS POSSIBLE AND TIGHT TO WALLS.
- COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS. COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED. PIPING INVERTS AND SLOPE SHALL BE CLOSELY COORDINATED TO AVOID CONFLICTS WITH ALL OTHER TRADES BELOW SLAB WORK.
- CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.
- COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS.
- ALL PLUMBING FIXTURE SHUT-OFF AND/OR BALANCING VALVES INSTALLED IN PIPE CHASES SHALL BE ACCESSIBLE FROM JUST ABOVE THE CEILING LINE OR ACCESS DOORS PROVIDED LOW IN CHASE WALL. ALL PLUMBING FIXTURE SHUT-OFF AND/OR BALANCING VALVES INSTALLED IN PIPE CHASES SHALL BE ACCESSIBLE FROM JUST ABOVE THE CEILING LINE OR ACCESS DOORS PROVIDED LOW IN CHASE WALL.
- ALL UNDERSLAB PIPING SHALL BE INSTALLED TO PROVIDE NO LESS THAN 2" OF COVER BETWEEN THE PIPING AND THE FLOOR SLAB.
- OSHA RULES, REGULATIONS AND REQUIREMENTS, AND ANY STATE AND LOCAL REQUIREMENTS FOR SAFETY SHALL BE FOLLOWED BY THE CONTRACTOR.
- PROVIDE FIXTURE STOPS ON ANY WATER SUPPLY IMMEDIATELY ADJACENT TO PLUMBING FIXTURES.
- THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY".
- ENTIRE PLUMBING INSTALLATION SHALL BE IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL CODES AND STANDARDS.
- INDIRECT WASTES SHALL HAVE AN AIR GAP OF AT LEAST TWICE THE DIAMETER OF THE PIPE BUT NOT LESS THAN 1".
- THE CONTRACTOR SHALL OBTAIN REQUIRED PERMITS AND ARRANGE FOR INSPECTIONS IN ACCORDANCE WITH STATE & LOCAL AUTHORITIES HAVING JURISDICTION.
- VOIDS BETWEEN PIPE SLEEVES AND PIPES SHALL BE FILLED WITH FIRE STOPPING WITH AN HOURLY RATING EQUAL TO THAT OF THE WALL.
- PLUMBING CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS PRIOR TO THE INSTALLATION OF SYSTEMS WHICH ARE INTENDED TO TIE INTO OR REUSE ANY PART OF THE EXISTING PIPING OR EQUIPMENT.
- PROVIDE VACUUM BREAKERS ON HOSE CONNECTIONS AND WHERE INDICATED ON PLANS AND DETAILS.
- DOMESTIC WATER PIPING ROUTED UNDER SLAB SHALL BE IN A CONTINUOUS NON METALLIC CONDUIT, SEALED AT THE TOP WITH NON SHRINK GROUT.
- ALL PROPOSED SUPPLY PIPING SHALL BE INSULATED, REFER TO SPECIFICATIONS FOR INSULATION THICKNESS & ACCEPTED PRODUCTS.
- STORM DRAINAGE PIPING ABOVE SLAB SHALL BE INSULATE, REFER TO SPECIFICATIONS FOR INSULATION THICKNESS. EXPOSED STORM DRAINAGE SHALL BE PVC JACKETED.
- ISOLATION VALVES ON GAS PIPING SHALL BE AGA RATED BALL VALVES, PLUG VALVES WILL NOT BE ACCEPTED.
- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- PROVIDE ALL REQUIRED PENETRATIONS IN RATED ASSEMBLIES, INCLUDING BUT LIMITED TO WALLS AND FLOORS WITH A UL APPROVED FIRESTOPPING ASSEMBLY INCLUDING LISTING LABEL OF PENETRATION AFTER PASSING THROUGH UTILITIES.
- UNLESS SPECIFICALLY NOTED ON DRAWINGS PIPING SHALL ONLY BE ATTACHED TO TOP OF STEEL BAR JOISTS AT PANEL POINTS, TOP OR BOTTOM FLANGES OF STEEL BEAMS AND SIDE OF WOODEN BEAMS. PIPING SHALL NOT BE ATTACHED TO STEEL DECK UNDER ANY CIRCUMSTANCES.
- EXISTING DRAINAGE SERVING THE FOLLOWING RESTROOMS SHALL BE JETTED AND CLEANED PRIOR TO THE START OF NEW CONSTRUCTION.
MEN'S ROOMS 108.207.398.408.508
WOMEN'S ROOMS 105.204.305.405.505

PLUMBING DEMOLITION NOTES

- DURING DEMOLITION PROPERLY CAP AND PROTECT ALL PIPING THAT WILL REMAIN IN OPERATION.
- WHERE EXISTING INSULATION TO REMAIN IS DAMAGED BY THE REQUIREMENTS OF WORK, REPLACE ANY DAMAGED INSULATION.
- PLUMBING CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR DISTRIBUTION OF RESPONSIBILITY AMONGST CONTRACTORS FOR SPECIFIC PORTIONS OF CUTTING AND PATCHING WORK. PLUMBING CONTRACTOR SHALL COORDINATE ALL CUTTING AND PATCHING WORK WITH ALL OTHER CONTRACTORS INVOLVED AS DEFINED IN THE SPECIFICATIONS.
- LOCATION OF EXISTING PIPING AS SHOWN ON DRAWINGS IS APPROXIMATE.
- COMPLETELY REMOVE ALL EQUIPMENT AS INDICATED, FIXTURES & OR MISCELLANEOUS ARTICLES IN THEIR ENTIRETY INCLUDING AUXILIARY EQUIPMENT, PIPING, WIRING & CONDUIT.
- INCLUDE ALL DEMOLITION OF SYSTEMS AND COMPONENTS WHERE SYSTEMS SHALL BE REPLACED BY NEW WORK. REFER TO THE DRAWINGS & SPECIFICATIONS FOR SCOPE OF NEW & RECONNECTED WORK. THE INTENT OF THIS REQUIREMENT IS TO HAVE THE CONTRACTOR DISCONNECT, DEMOLISH & REMOVE ALL EXPOSED & CONCEALED WORK WHERE BEING REPLACED OR CONNECTED TO THE PROPOSED LAYOUTS.
- COORDINATE ELECTRICAL POWER DISCONNECTION PRIOR TO DEMOLITION WITH ELECTRICAL CONTRACTOR.
- PROTECT ALL FIXTURES, PLUMBING AND WORK OF OTHER TRADES WHICH IS TO REMAIN, FROM DAMAGE DURING DEMOLITION.
- ALL PIPING TO REMAIN SHALL HAVE ENDS TERMINATED IN A NEAT MANNER READY FOR CONNECTION OF NEW WORK, ALL EXPOSED ENDS OF PIPING SHALL BE CAPPED.
- NO DEAD LEGS LONGER THAN 12" SHALL BE LEFT ON ANY PIPING UPON COMPLETION OF JOB.
- EXISTING PIPING NOT TO BE REUSED, NOT SUPPLYING ANY FIXTURE AND NOT SPECIFICALLY NOTED OR SHOWN ON DRAWINGS TO BE ABANDONED, SHALL BE COMPLETELY REMOVED.
- CONTRACTOR SHALL CLEAN UP, REMOVE AND DISPOSE OF ALL DEBRIS AND DISCARDED ITEMS UPON COMPLETION OF CONSTRUCTION. TO BE READY FOR A NEW OCCUPANCY CONDITION.
- DEMOLISH & COMPLETELY REMOVE EXISTING CONDITIONS DESIGNATED BY A HEAVY DASHED LINE UNLESS NOTED OTHERWISE. REFER TO LEGEND AND DEMOLITION PLANS FOR SCOPE OF WORK.

PLUMBING PIPING MATERIALS SCHEDULE	
SYSTEM	MATERIAL
SANITARY WASTE & VENT (UNDERGROUND)	SCHEDULE 40 POLYVINYL CHLORIDE (PVC)
SANITARY WASTE & VENT (ABOVE GROUND)	SCHEDULE 40 POLYVINYL CHLORIDE (PVC)
GREASE WASTE & VENT (UNDERGROUND)	SCHEDULE 40 POLYVINYL CHLORIDE (PVC), ASTM APPROVED CISPI & NSF TRADE MARKED CAST IRON
GREASE WASTE & VENT (ABOVE GROUND)	SCHEDULE 40 POLYVINYL CHLORIDE (PVC), ASTM APPROVED CISPI & NSF TRADE MARKED CAST IRON OR DWV WEIGHT COPPER
COMBINATION WASTE & VENT (UNDERGROUND)	SCHEDULE 40 POLYVINYL CHLORIDE (PVC)
COMBINATION WASTE & VENT (ABOVE GROUND)	SCHEDULE 40 POLYVINYL CHLORIDE (PVC)
CONDENSATE (INSIDE BUILDING)	SCHEDULE 40 POLYVINYL CHLORIDE (PVC)
CONDENSATE (WITHIN A COOLER OR FREEZER)	DWV WEIGHT COPPER WITH HEAT TRACE FOR ENTIRE LENGTH
KITCHEN WASTE & VENT PIPING (UNDERGROUND)	ASTM APPROVED CISPI & NSF TRADE MARKED CAST IRON
KITCHEN WASTE & VENT PIPING (ABOVE GROUND)	ASTM APPROVED CISPI & NSF TRADE MARKED CAST IRON OR DWV WEIGHT COPPER
KITCHEN GREASE WASTE & VENT (UNDERGROUND)	ASTM APPROVED CISPI & NSF TRADE MARKED CAST IRON
KITCHEN GREASE WASTE & VENT (ABOVE GROUND)	ASTM APPROVED CISPI & NSF TRADE MARKED CAST IRON OR DWV WEIGHT COPPER
DOMESTIC WATER SUPPLY (UNDERGROUND)	SINGLE SEGMENT OF PEX TYPE "A" IN A CONTINUOUS NON METALLIC CONDUIT, SEALED AT THE TOP WITH NON SHRINK GROUT
DOMESTIC WATER SUPPLY (ABOVE GROUND)	TYPE "L" COPPER WITH PRESS FITTINGS
NATURAL GAS PIPING	SCHEDULE 40 BLACK STEEL WITH MEGA PRESS, THREADED OR WELDED FITTINGS
PROPANE GAS PIPING	SCHEDULE 40 BLACK STEEL WITH MEGA PRESS, THREADED OR WELDED FITTINGS
WATER HEATER EXHAUST & INTAKE FLUES	AL 20-4C STAINLESS STEEL WITH STAINLESS STEEL OUTER JACKET, POLYPROPYLENE (CONTRACTORS OPTION)

Graphic Scale
0' 1'
(Scale measures 1" when plotted at full size)



CONSTRUCTION DOCUMENTS

MARCH 28, 2024

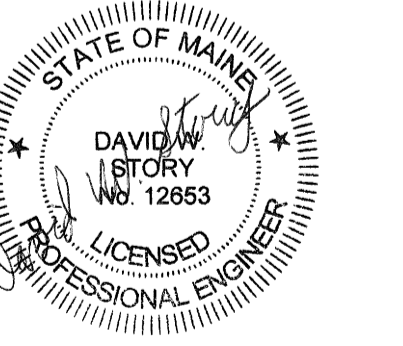
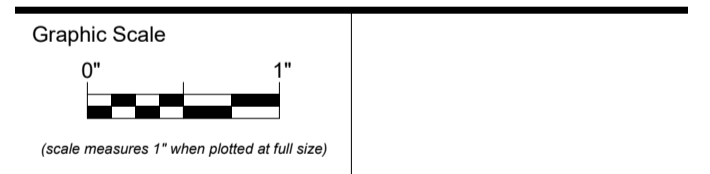
Revision Date Revision Description
04-19-2024 ADDENDUM 3

Drawn by: MSJ

LEGEND, GENERAL NOTES & DETAILS

KEY NOTES

CODE	DESCRIPTION
D01	REMOVE EXISTING GRILLE. PREPARE FOR RECONNECTION.
D02	REMOVE, CLEAN, AND REFINISH RADIATOR COVER. CLEAN HEATING ELEMENTS AND REINSTALL COVER.
D03	ALTERNATE #1: REMOVE EXISTING GRILLE.
D04	ALTERNATE #1: REMOVE, CLEAN, AND REFINISH RADIATOR COVER. CLEAN HEATING ELEMENTS AND REINSTALL COVER.
D05	ALTERNATE #2: REMOVE EXISTING GRILLE.
D06	ALTERNATE #2: REMOVE, CLEAN, AND REFINISH RADIATOR COVER. CLEAN HEATING ELEMENTS AND REINSTALL COVER.



CONSTRUCTION DOCUMENT

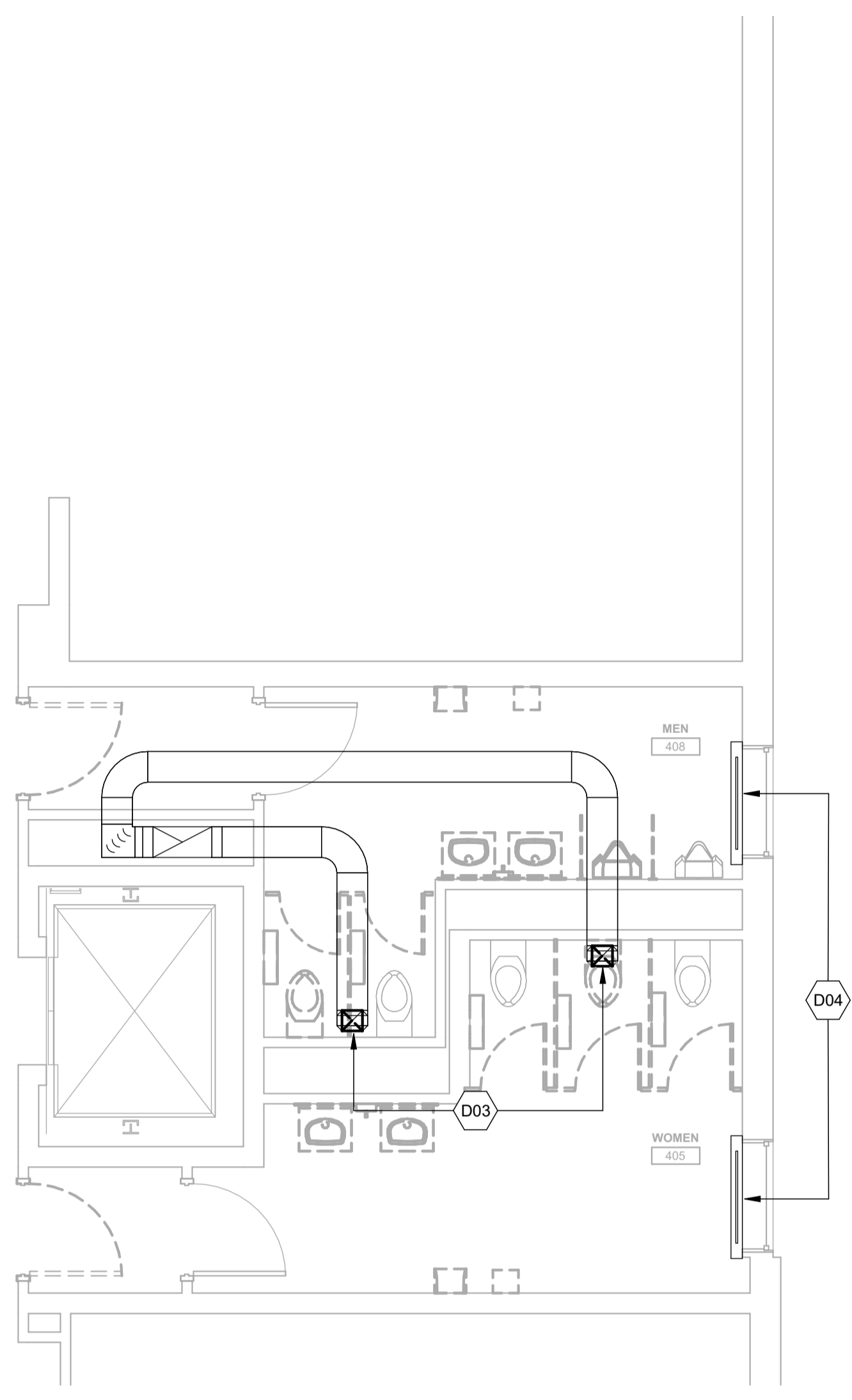
MARCH 28, 2024

Revision Date	Revision Description
04-19-2024	ADDENDUM 3

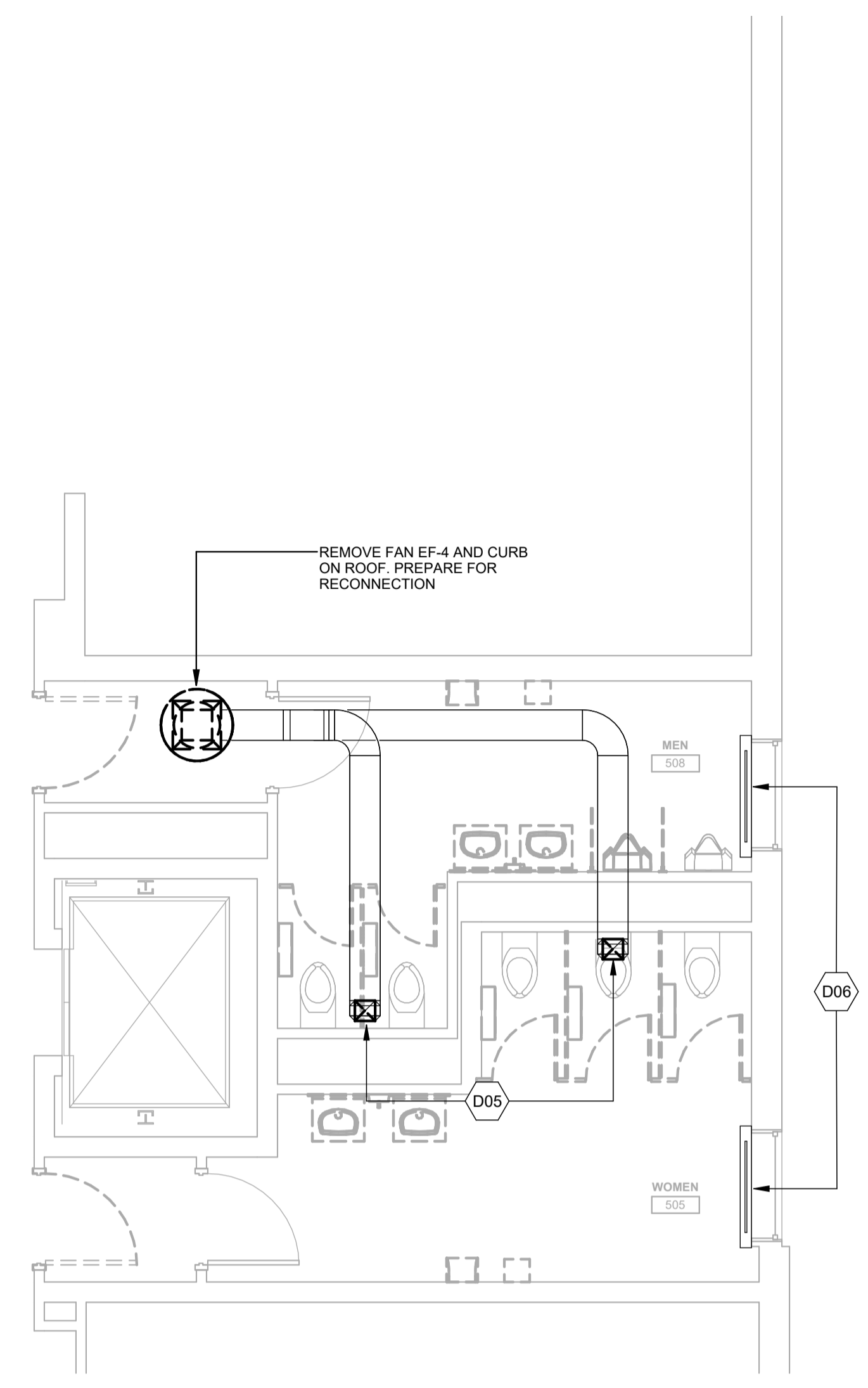
Drawn by: MSJ

DEMOLITION DUCTWORK

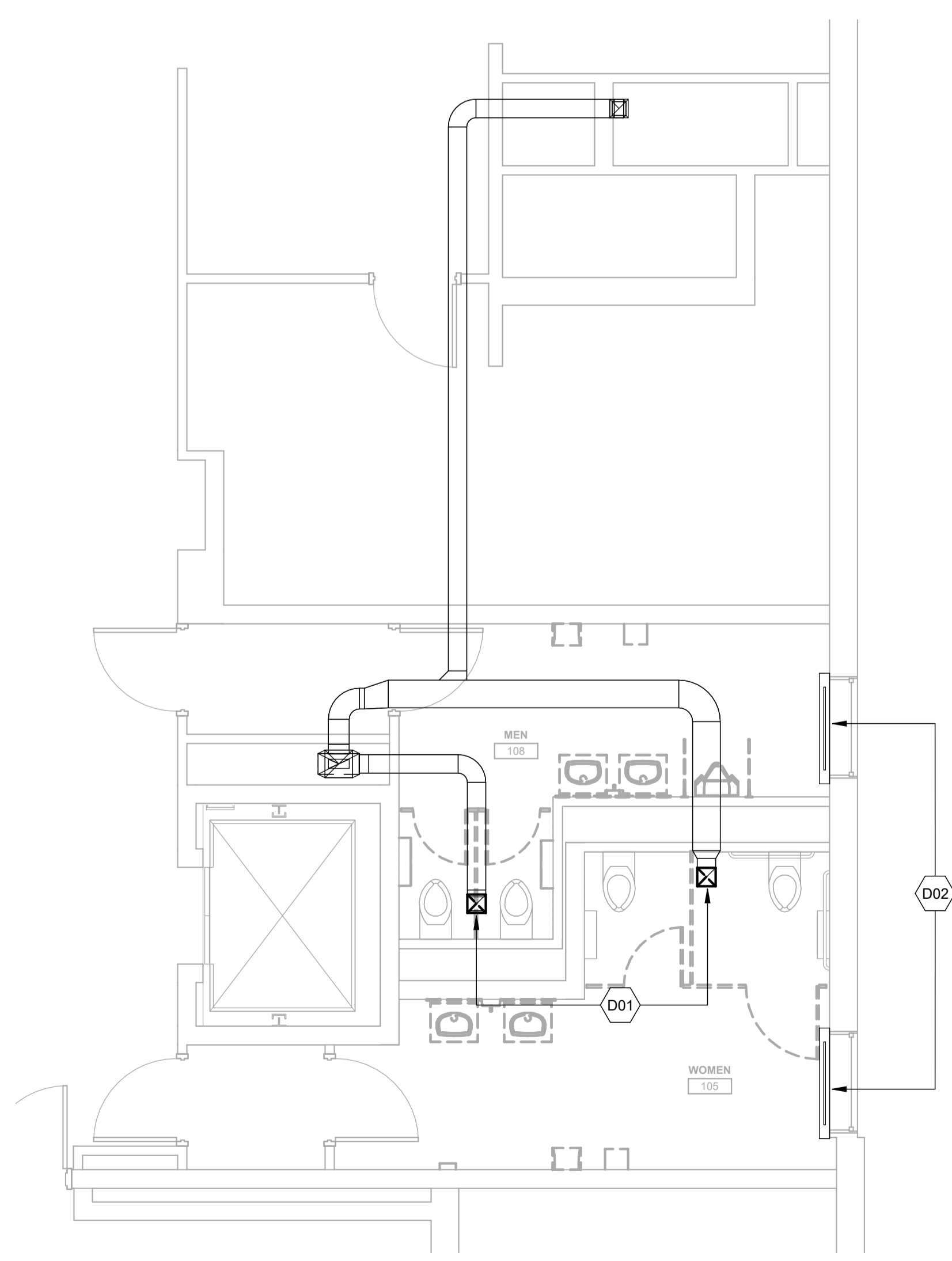
M05-1



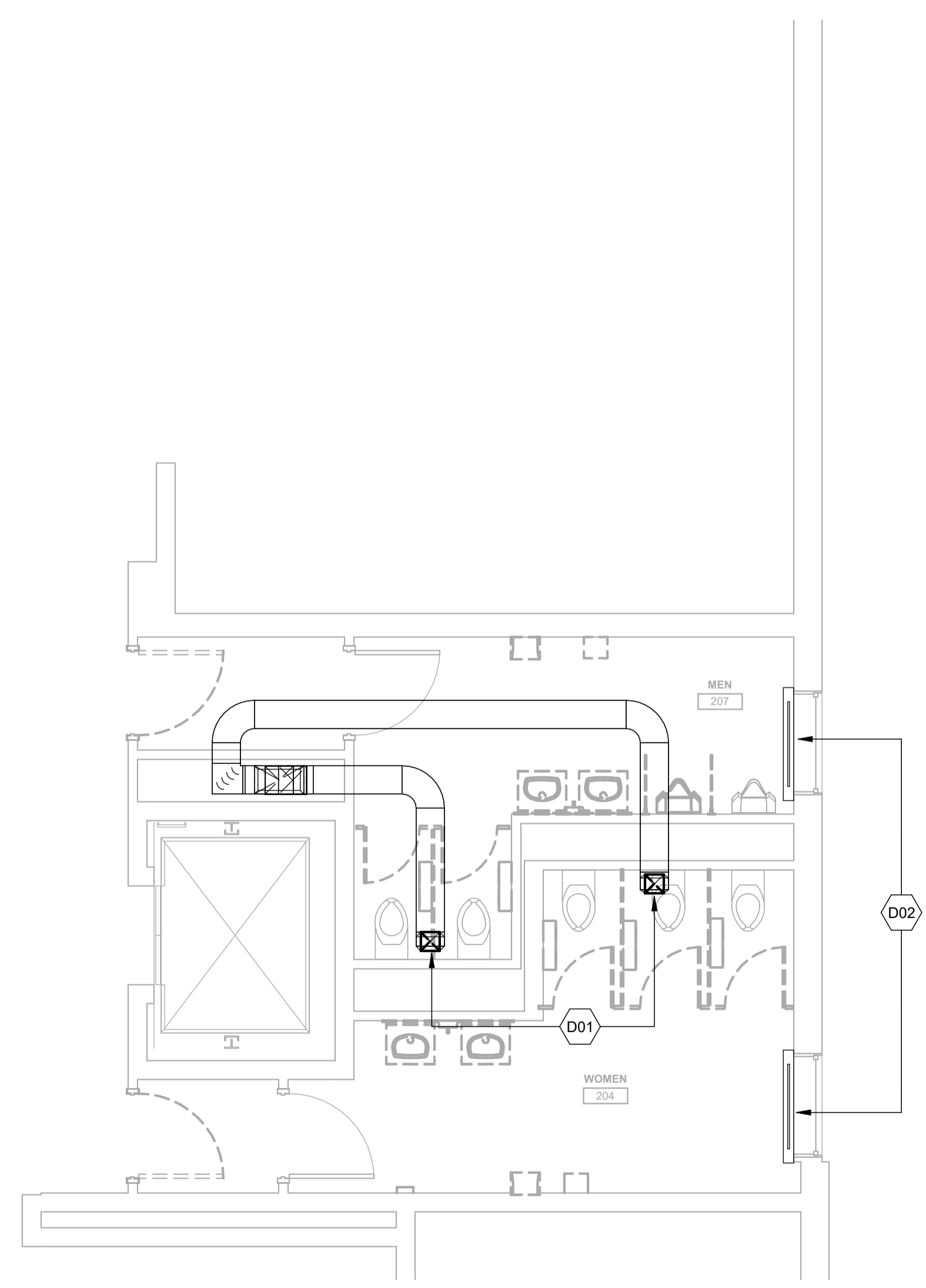
B1 FOURTH FLOOR DEMOLITION DUCTWORK
SCALE: 1/4" = 1'-0"



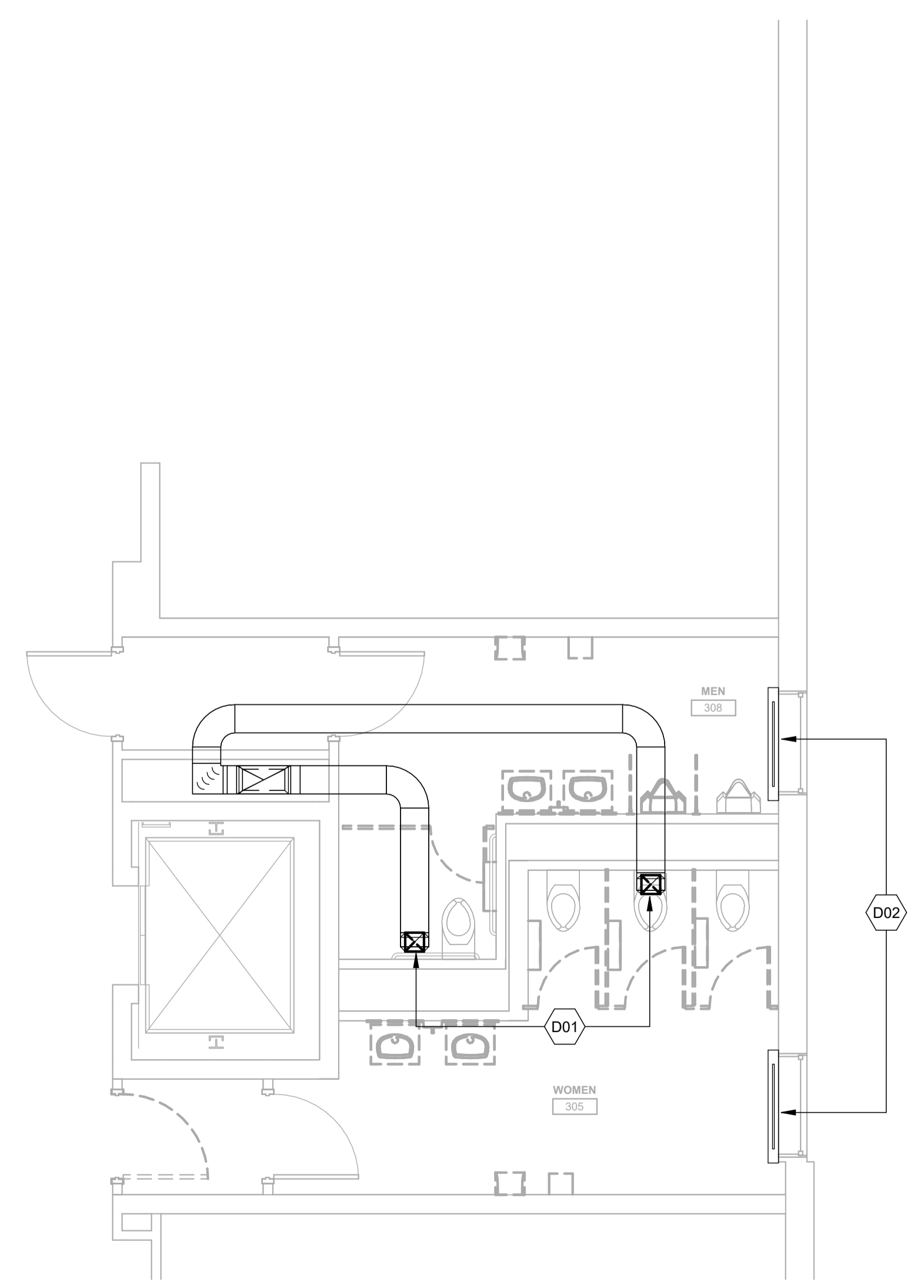
B2 FIFTH FLOOR DEMOLITION DUCTWORK
SCALE: 1/4" = 1'-0"



A1 FIRST FLOOR DEMOLITION DUCTWORK
SCALE: 1/4" = 1'-0"



A2 SECOND FLOOR DEMOLITION DUCTWORK
SCALE: 1/4" = 1'-0"



A3 THIRD FLOOR DEMOLITION DUCTWORK
SCALE: 1/4" = 1'-0"