

SCHEMATIC DESIGN SUBMITTAL

DRAWING INDEX



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CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



PROJECT INTENT

REGULATORY INFO

CHAPTER 3
USE GROUP CLASSIFICATIONS: A-3, B, S-2

CHAPTER 5	
HEIGHT	
ALLOWABLE BUILDING HEIGHT (504.3)	75 FEET
ALLOWABLE NUMBER OF STORIES (504.4)	3
ACTUAL BUILDING HEIGHT	40 FEET
ACTUAL BUILDING STORIES	3

ALLOWABLE AREA FACTOR (506.2)	28,500 SF
% INCREASE FOR FRONTAGE (506.3.3)	75%
ALLOWABLE AREA PER STORY	35,625 SF
ALLOWABLE BUILDING AREA	106,875 SF

ACTUAL AREAS	
BASEMENT	*12,247 SF
FIRST FLOOR	12,141 SF
SECOND FLOOR	11,433 SF
THIRD FLOOR	12,281 SF
TOTAL BUILDING	48,102 SF

CODE INFORMATION

CHAPTER 6

CONSTRUCTION TYPE

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS - TABLE 601	HOUR RATING	UL ASSEMBLY
PRIMARY STRUCTURAL FRAME		
COLUMNS SUPPORTING FLOORS	0	
COLUMNS SUPPORTING ROOF	0	
MEMBERS SUPPORTING FLOORS	0	
MEMBERS SUPPORTING ROOF	0	
BEARING WALLS		
EXTERIOR	0	
INTERIOR	0	
NONBEARING WALLS AND PARTITIONS	0	
EXTERIOR WALLS SEPARATED - XX'		
FLOOR CONSTRUCTION	0	
AND SECONDARY MEMBERS		
ROOF CONSTRUCTION	0	
AND SECONDARY MEMBERS		

CHAPTER 8

INTERIOR WALL AND CEILING FINISH FLAME SPREAD
AND SMOKE-DEVELOPED INDEX REQUIREMENTS: TABLE 803.13

CORRIDORS AND ENCLOSURES FOR EXIT ACCESS STAIRWAYS AND EXIT ACCESS RAMPS	CLASS B (FS: 26-75, SD: 0-450)
ROOMS AND ENCLOSED SPACES	CLASS C (FS: 76-200, SD: 0-450)

CHAPTER 10			
MAXIMUM DESIGN OCCUPANT LOAD AND REQUIREMENTS			
LEVEL	OCCUPANTS	EXITS REQUIRED	EXITS PROVIDED
BASEMENT	52	2	3
FIRST FLOOR	728	3	5
SECOND FLOOR	95	2	2
THIRD FLOOR	70	2	2

	REQUIRED	PROVIDED
EXIT LENGTH (FT)	250	XX
DEAD END LENGTH (FT)	A-3 20, B&S 50	48
COMMON PATH OF TRAVEL (FT)	75	XX
CORRIDOR WIDTH (IN)	44	67
EXIT DOOR WIDTH (IN)	32 MIN	34

CHAPTER 29

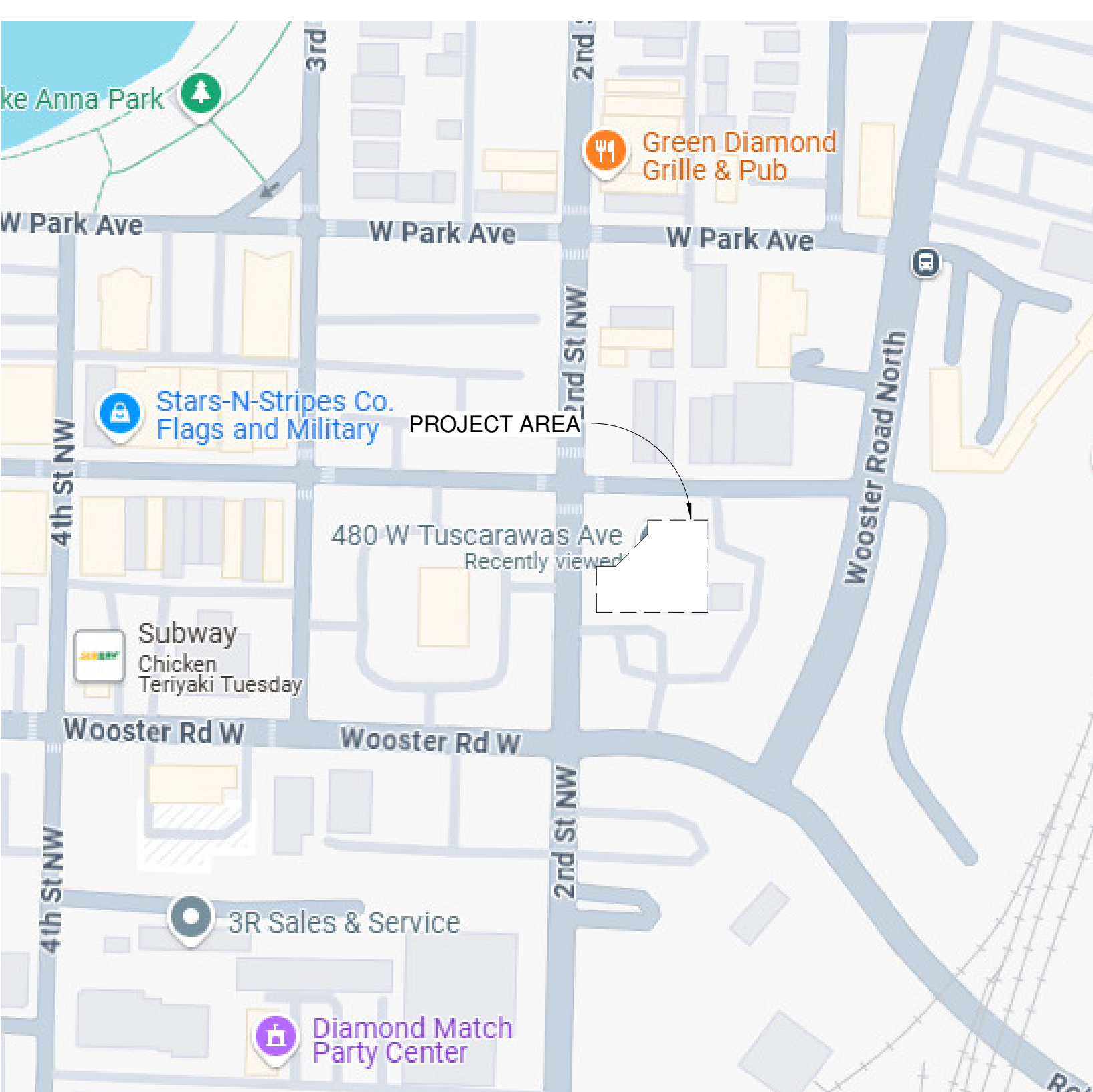
PLUMBING FIXTURE COUNT							
OCCUPANT CLASSIFICATION	OCCUPANT COUNT	WATER CLOSET		LAV.		DF	SERVICE SINK
		M	F	M	F		
B	173	2.74	2.74	2.088	2.088	1.73	--
A	737	2.952	5.677	1.845	1.845	1.474	--
S	35	0.18	0.18	0.35	0.35	0.035	--
TOTAL REQ'D	945	6	9	5	5	4	1
PROVIDED		26		20		1	4

ZONING DATA

ADDRESS	480 W TUSCARAWAS AVE
JURISDICTION	CITY OF BARBERTON
SIGNAGE PERMIT BY:	CITY OF BARBERTON
USE GROUP	COMMERCIAL/BUSINESS
ZONING DISTRICT:	C-3 COMMUNITY CENTER COMMERCIAL DISTRICT
FLOOD PLAIN:	ZONE X

BUILDING SETBACKS	FRONT	SIDES	REAR
REQUIRED	0	0	30
PROVIDED	XX	XX	XX

UTILITIES	
SANITARY	?
STORM	?
WATER	?
ELECTRICITY	?
GAS	?
PHONE	?



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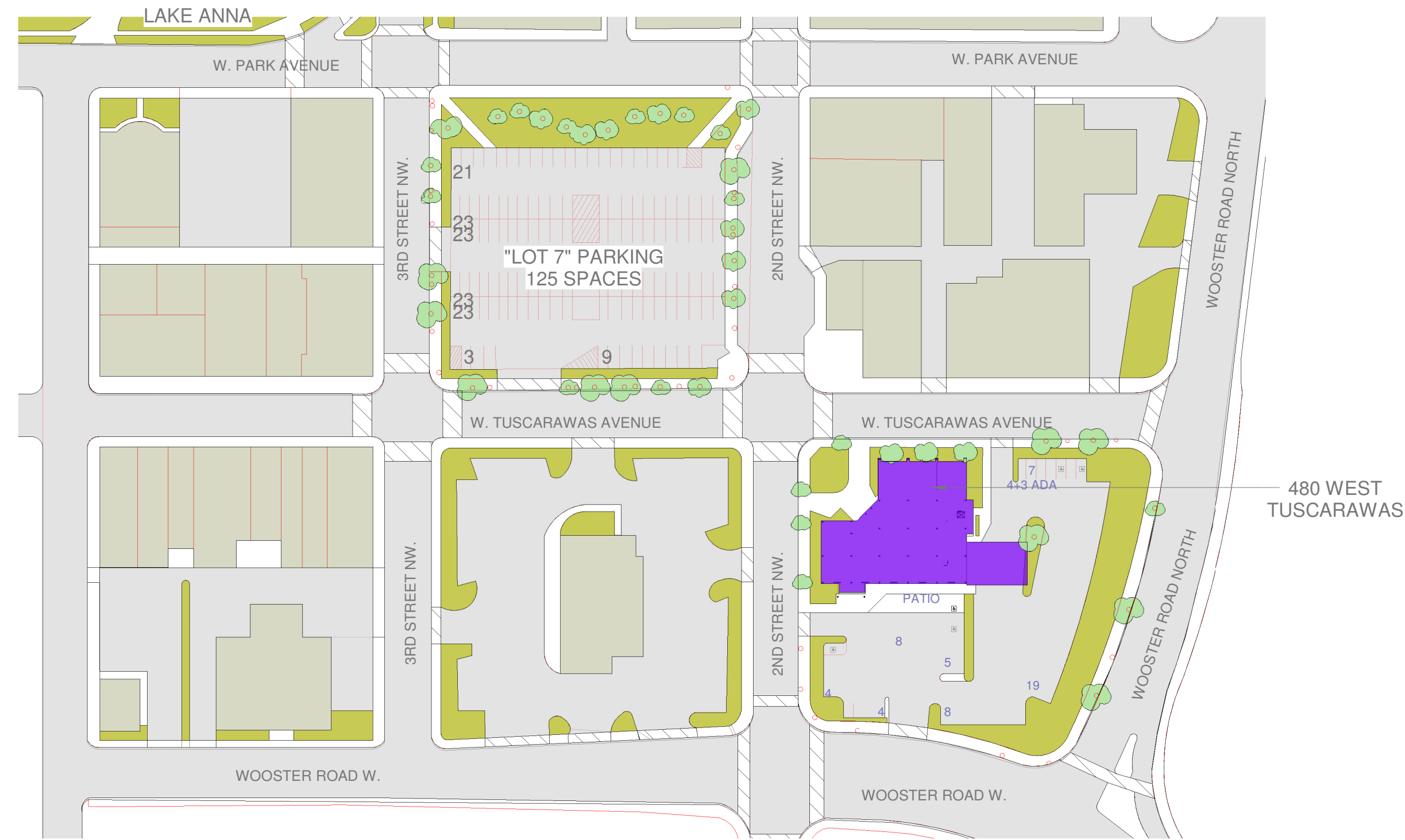
COVER SHEET

COVER

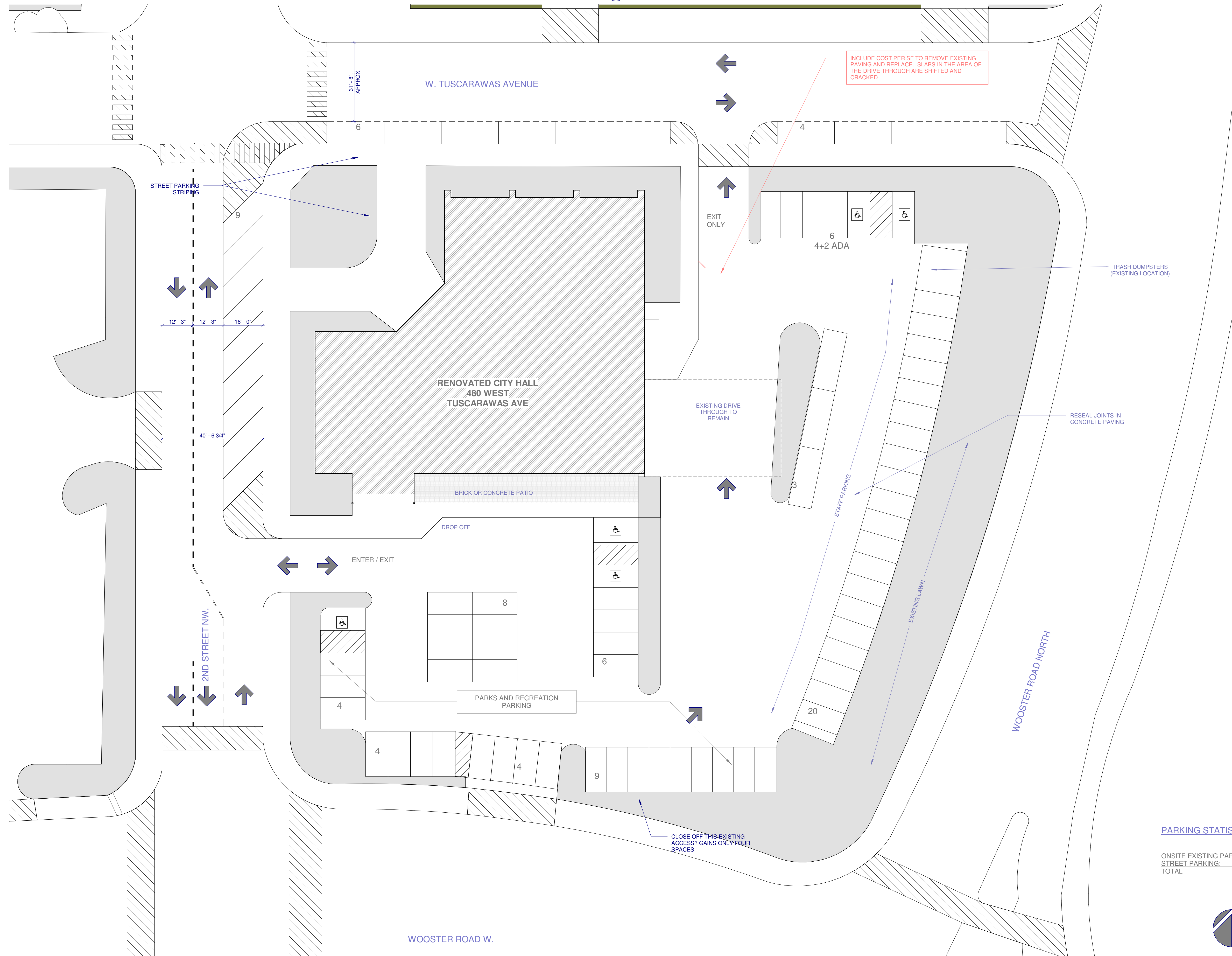
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2 VICINITY PARKING MAP
SCALE: 1" = 100'-0"



- SITEWORK SCOPE NARRATIVE:**
1. REPLACE 500 SF CONCRETE PAVING. EXACT LOCATIONS TBD.
 2. SEAL CRACK CONTROL JOINTS.
 3. RESTRIPE PARKING SPACES
 4. PAINT ADA PARKING SPACE SYMBOLS.
 5. PROVIDE POST MOUNTED ADA PARKING SIGNS PER BARBERTON & SUMMIT COUNTY STANDARDS.
 6. PROVIDE 4\"/>

PARKING STATISTICS:

ONSITE EXISTING PARKING:	60
STREET PARKING:	19
TOTAL	80

1 PROPOSED SITE PLAN
SCALE: 1" = 20'-0"

NOTE: PLAN DEVELOPED WITHOUT SITE SURVEY. OWNER TO FURNISH SURVEY IN NEXT DESIGN PHASE

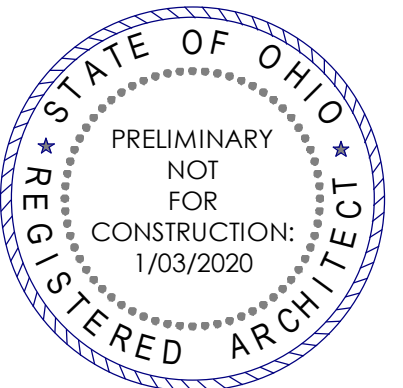
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ISSUES / REVISIONS



CITY OF
BARBERTON

CITY HALL
RENOVATION



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190 N. Union Street
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24012.001

PROPOSED SITE
PLAN

SCALE
As indicated

SD-1

FIELD VERIFICATION OF BEAM AND JOIST SIZES WAS CONDUCTED WITH ALL CEILING AND DRYWALL MATERIAL STILL INTACT. MOST BEAMS WERE UNACCESSIBLE TO MEASURE DUE TO THE FIRE PROTECTION DRYWALL CONSTRUCTION.

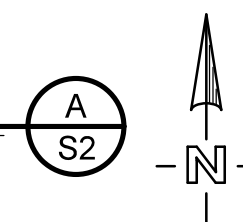
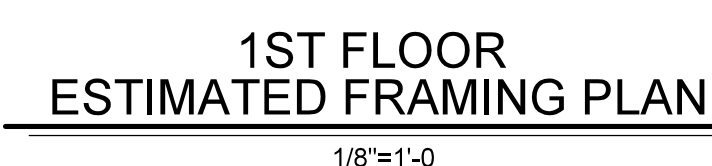
STEEL BEAM SIZES WERE APPROXIMATED FROM
7th EDITION AISC MANUAL OF STEEL CONSTRUCTION (1970)

STEEL W SHAPES OVER WINDOWS AND DOORS WERE NOT ABLE TO BE INSPECTED DUE
BEING COVERED BY DRYWALL AND INSULATION.

OPEN WEB BAR JOISTS:
JOISTS WERE CONSTRUCTED OF DOUBLE ANGLE TOP AND BOTTOM CHORDS.

WEBS WERE CONSTRUCTED OF ROUND BARS.

ONLY JOIST DEPTH AND SPACING WAS VERIFIED AS INDICATED.

[illegible]

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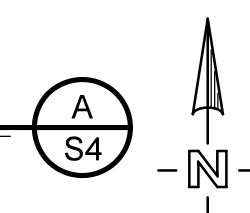
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$$1/8''=1'-0$$
[illegible]

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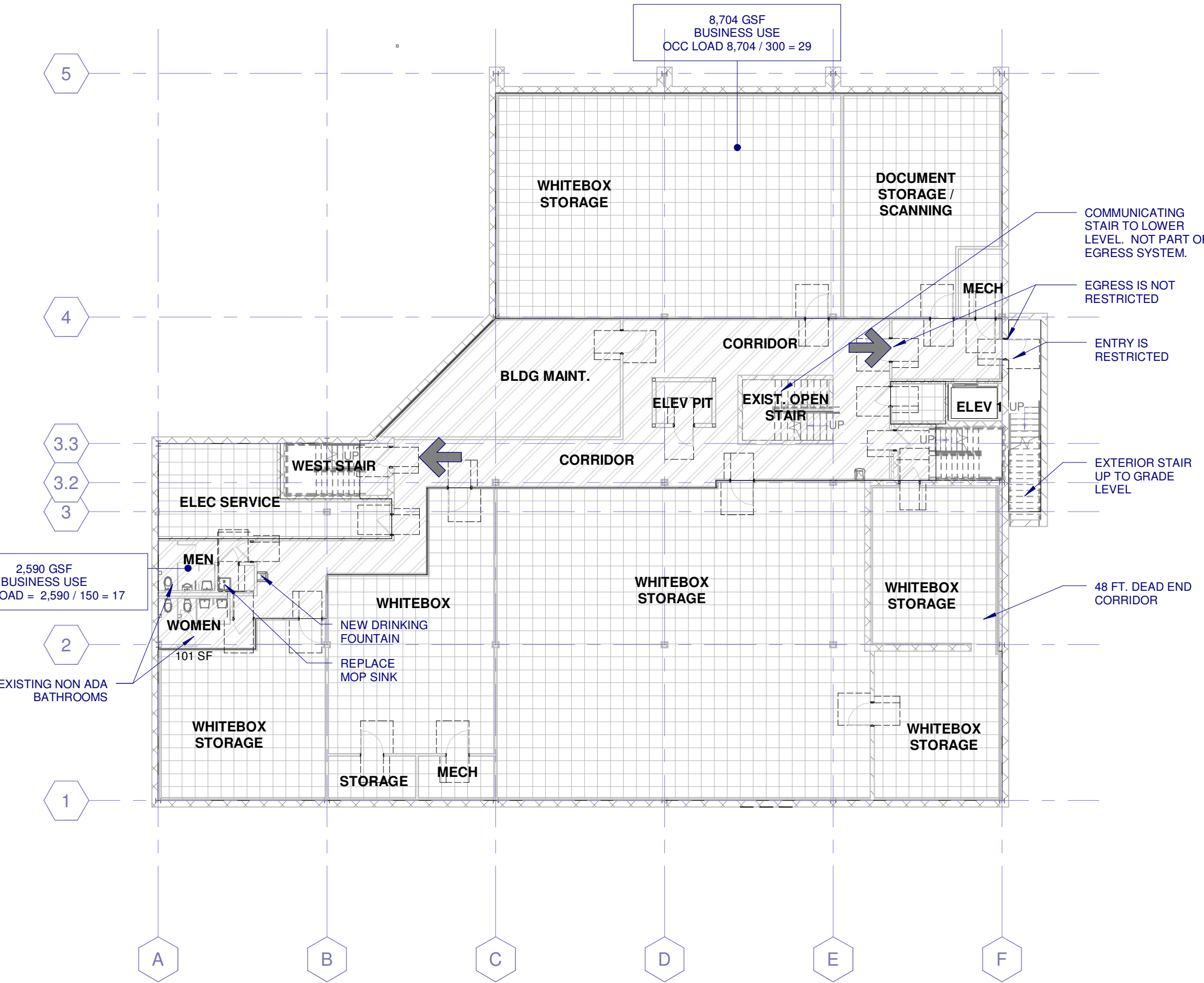
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480 TUSCARAWAS AVE.
BARBERTON, OH 44203

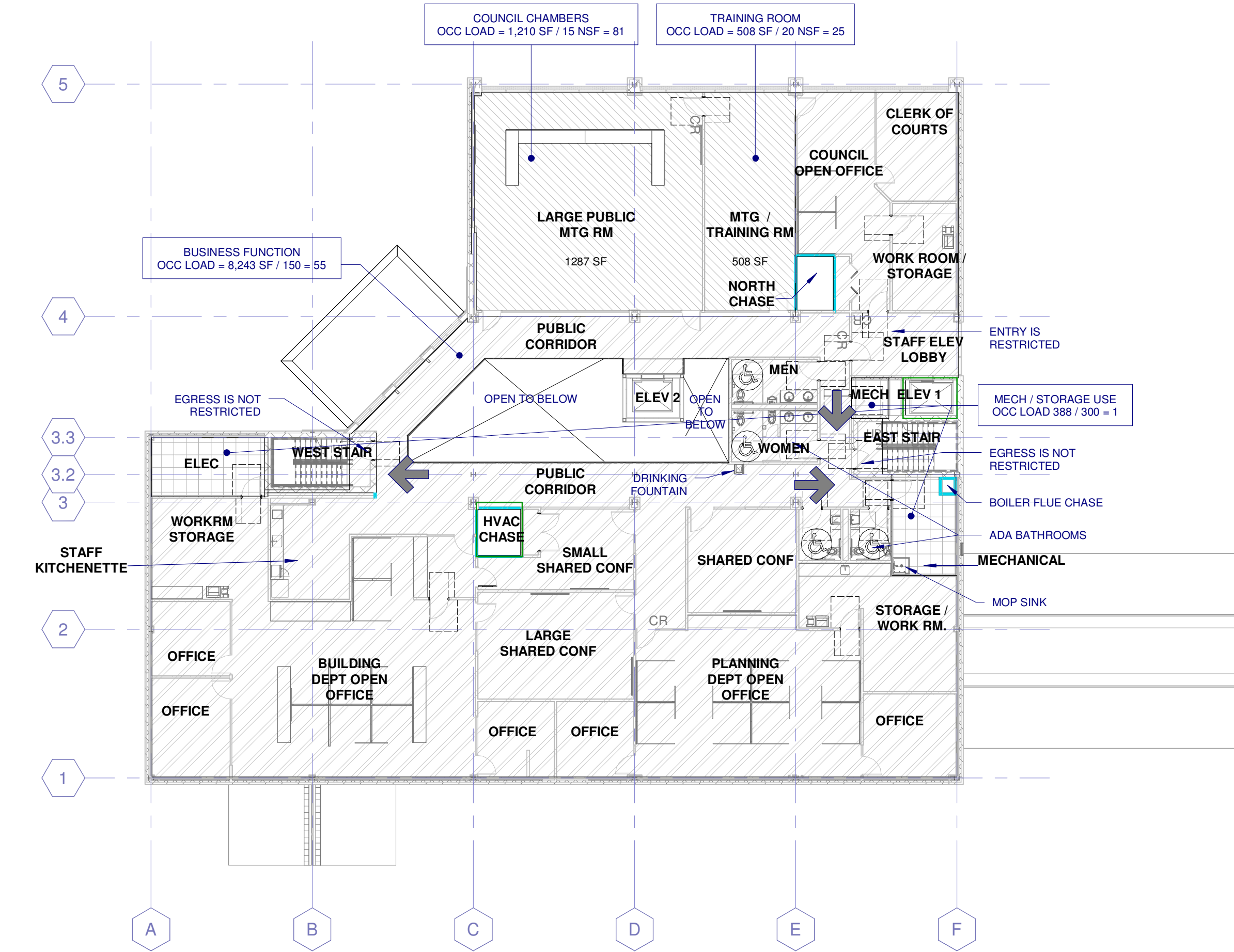
ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"	ISSUE DATE 6-06-25
DRAWING NO. S5	ISSUE B

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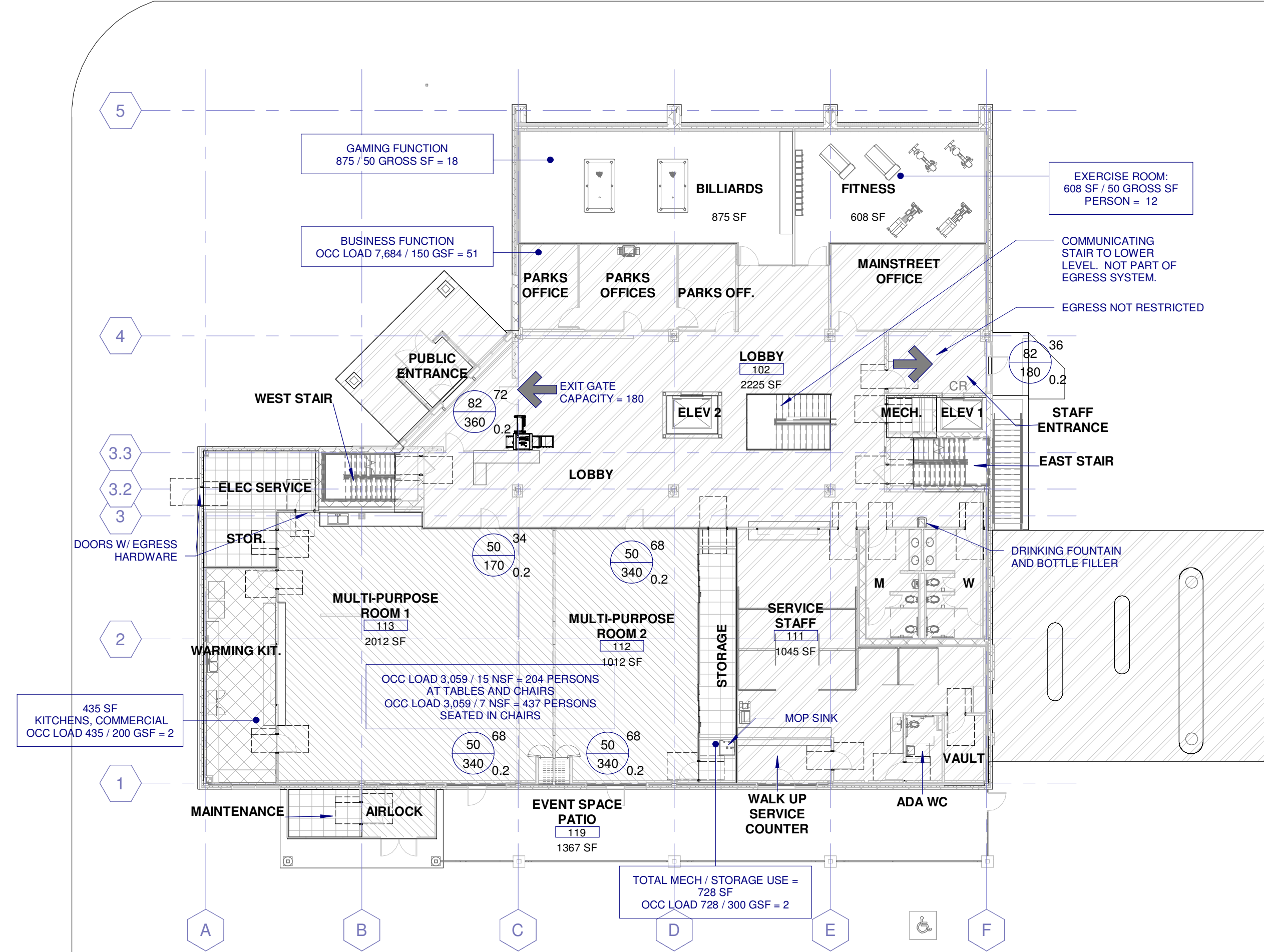
0 LEVEL 0 BASEMENT LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"



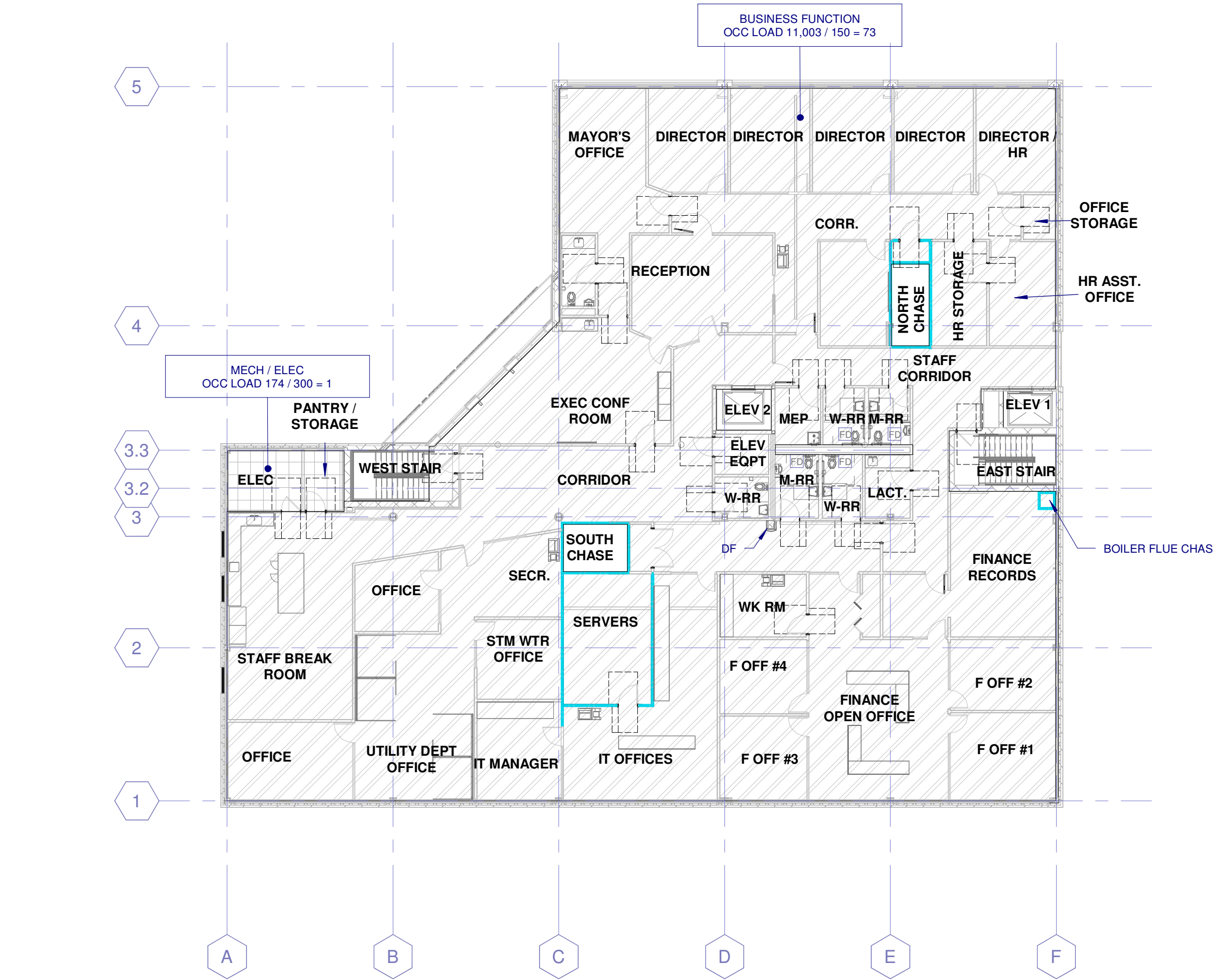
3 LEVEL 2 LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"

PLUMBING FIXTURE COUNT

OCCUPANT'S PER FLOOR	FLOOR LEVEL	LAVATORIES		WATER CLOSETS		WATER FOUNTAINS		MOP SINKS	
		REQ'D	PROV'D	REQ'D	PROV'D	REQ'D	PROV'D	REQ'D	PROV'D
46	0 BASEMENT LEVEL	1/100 PERSONS 1	3	1	4	1	1	1	1
512	1 FIRST FLOOR LEVEL	1/125 PERSONS 5	5	1/95 PERSONS 6	7	1	1	1	1
167	2 SECOND FLOOR LEVEL	80 / PERSON 3	6	1/50 PERSONS 4	6	1	1	1	1
74	3 THIRD FLOOR LEVEL	1/80 PERSONS 1	7	1/50 PERSONS 3	6	1	1	1	1
799	TOTAL ALL FLOOR LEVELS	10	21	14	23	4	4	4	4



1 LEVEL 1 LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"



4 LEVEL 3 LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"

OCCUPANT LOAD BY USE AND FLOOR

	B BUSINESS USE	A ASSEMBLY USE	STORAGE / MECHANICAL	TOTAL OCC / FLOOR
0 BASEMENT LEVEL	29	0	17	46 PERSONS
1 FIRST FLOOR LEVEL	51	437 + 20 = 457	2 + 2 KITCHEN	512 PERSONS
2 SECOND FLOOR LEVEL	55	86 + 25 = 111	1	167 PERSONS
3 THIRD FLOOR LEVEL	73	0	1	74 PERSONS
TOTAL ALL FLOOR LEVELS	208	568	23	799 PERSONS

TABLE 1004.5 MAXIMUM FLOOR AREA ALLOWANCES / PERSON

BUSINESS USE (B) OCCUPANTS = 1 / 150 GROSS SF	ACCESSORY MECHANICAL & STORAGE AREAS OCCUPANTS = 1 / 300 SF
ASSEMBLY USE (A-3) UNCONCENTRATED (A-3) OCCUPANTS = 1 / 15 SF (TABLE AND CHAIRS)	KITCHEN, COMMERCIAL OCCUPANTS = 1 / 200 SF

PLUMBING FIXTURE TABULATION

OCCUPANT LOAD 799 = 800 / 2 = 400 MEN + 400 WOMEN

BUSINESS USE
TOTAL OCCUPANTS = 208
104 MEN, 104 WOMEN

OF FIXTURES REQUIRED:
LAVATORIES: 1 PER 80
WATER CLOSETS: 1 PER 50

LAVATORIES REQUIRED: 212 / 80 = 3
LAVATORIES PROVIDED:

WATER CLOSETS REQUIRED: 212 / 50 = 5
WATER CLOSETS PROVIDED:

ASSEMBLY USE (A-3)
TOTAL OCCUPANTS = 568 (HIGHEST NUMBER)
284 MEN, 284 WOMEN

OF FIXTURES REQUIRED:
LAVATORIES: 1 PER 200
WATER CLOSETS: 1 PER 125 MEN
WATER CLOSETS: 1 PER 65 WOMEN
(RATIO IS 1 FIXTURE / 95 PERSONS)

LAVATORIES REQUIRED: 568 / 200 = 3
LAVATORIES PROVIDED:

WATER CLOSETS REQUIRED: 284 / 125 = 3 MEN'S
WATER CLOSETS REQUIRED: 284 / 65 = 5 WOMEN'S

STORAGE USE S-2
TOTAL OCCUPANTS = 12
12 MEN, 12 WOMEN

OF FIXTURES REQUIRED:
LAVATORIES: 1 PER 100
WATER CLOSETS: 1 PER 100

LAVATORIES REQUIRED: 1
LAVATORIES PROVIDED: 1

WATER CLOSETS REQUIRED: 1
WATER CLOSETS PROVIDED: 1

TOTAL NUMBER OF LAVATORIES REQUIRED: 7
TOTAL NUMBER OF WATER CLOSETS REQUIRED: 14

TOTAL NUMBER OF LAVATORIES PROVIDED: 21
TOTAL NUMBER OF WATER CLOSETS PROVIDED: 23

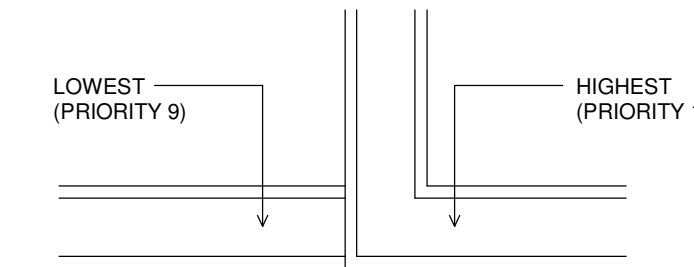
LIFE SAFETY WALL LEGEND

RATING WILL COINCIDE WITH FIRE & SMOKE PROTECTION FEATURES BELOW:

	3 HR FIREWALL (PRIORITY 1)
	2 HR FIREWALL (PRIORITY 1)
	3 HR FIRE BARRIER (PRIORITY 2)
	2 HR FIRE BARRIER (PRIORITY 2)
	1 HR FIRE BARRIER (PRIORITY 2)
	1 HR FIRE PARTITION (PRIORITY 3)
	SMOKE BARRIER (PRIORITY 4)
	SMOKE PARTITION (PRIORITY 5)

REFER TO WALL TYPE INFORMATION ON A2-0 FOR ADDITIONAL WALL TERMINATION AND CONSTRUCTION DETAILS.

FIRE ASSEMBLY CONTINUITY



LEGEND

	PORTABLE FIRE EXTINGUISHER LOCATION
	PORTABLE FIRE EXTINGUISHER CABINET
	EXIT
	W = ACTUAL CLEAR WIDTH OF LIMITING COMPONENT (INCHES)
	X = OCCUPANTS USING EXIT
	Y = EXIT CAPACITY
	Z = EGRESS WIDTH PER OCCUPANT (INCHES / OCCUPANT)
	MOST REMOTE POINT, TO DETERMINE EXIT ACCESS TRAVEL DISTANCE
	DOOR FIRE RATING

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CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

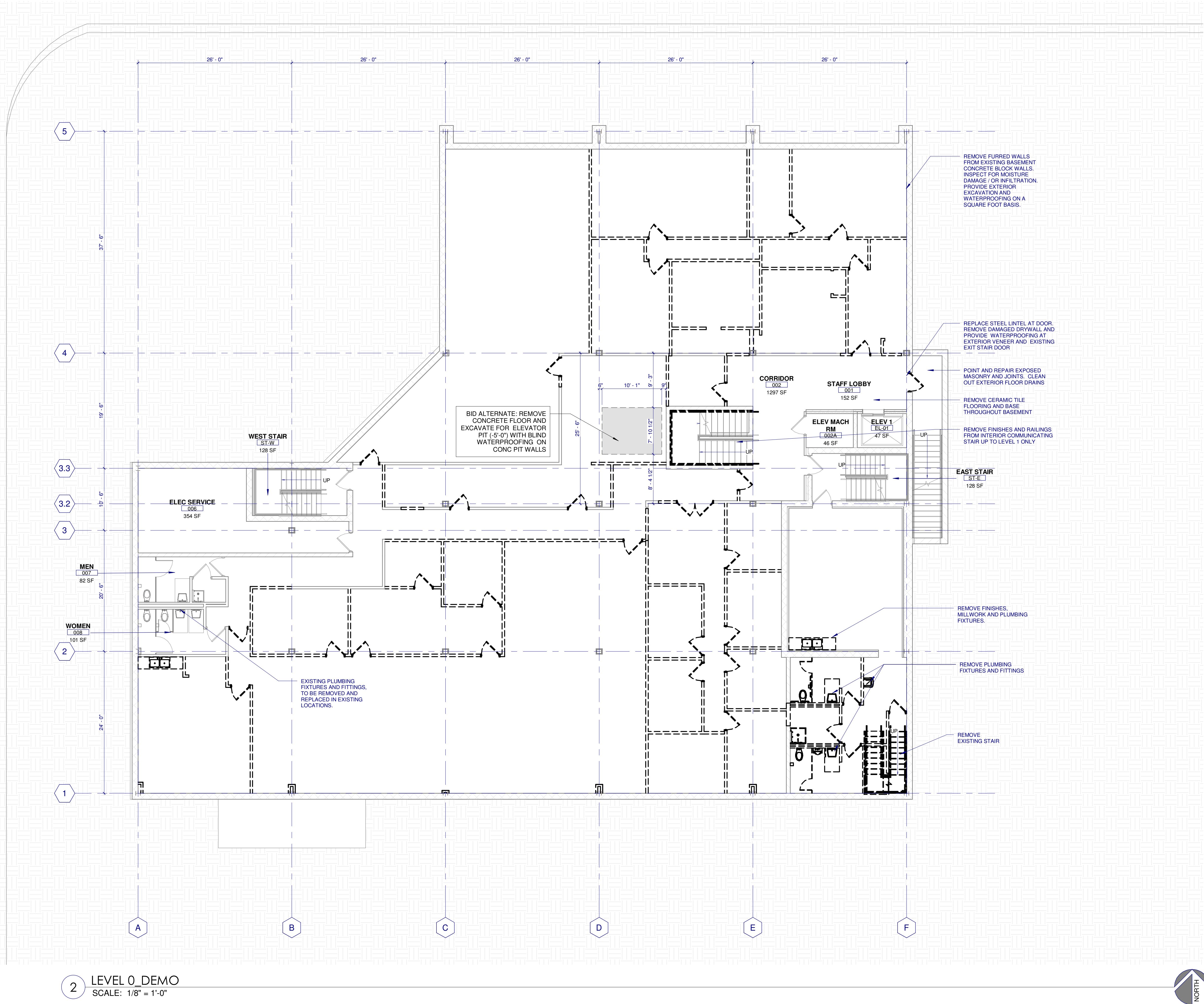
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OHIO

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LOWER LEVEL
DEMOLITION PLAN

A1-0



CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

1. **REFER TO PROJECT MANUAL, SECTION 017299, FOR INFORMATION RELATED TO CUTTING AND PATCHING. THIS INCLUDES MAINTAINING EXISTING TIGHT CONDITIONS, MAINTAINING EXISTING MATCHES, MATCHING EXISTING FINISHES, CONDUCTING SURFACE MEASUREMENTS, DETERMINING EXISTING IN-PLACE CONSTRUCTION, FLOOR LEVELING, AND MO**
2. **WALLS ARE GYPSUM BOARD ON METAL STUDS UNLESS NOTED OTHERWISE. REMOVE ENTIRE WALL TO UNDERSIDE OF CEILING UNLESS NOTED OTHERWISE. CONFIRM EXISTING CONDITIONS.**
3. **REMOVE ALL EXISTING FLOORING AND BASE WHERE NEW FINISHES ARE NOTED. REMOVE ALL NOTED FINISHES AND BASE WHERE NEW FINISHES, FLOORING BASE TO BE REMOVED IS NOT. CARPET, QUARRY TILE,**
4. **REMOVE ALL EXISTING CEILINGS WHERE NEW CEILINGS ARE INDICATED AND AS NOTED. REMOVE ALL UNUSED AND ABANDONED FASTENERS, BRACKETS, AND BRACES. REMOVE ALL EXISTING CEILING AND REPAIR WALL SURFACES FOR NEW CEILING INSTALLATION. CEILING TO BE REMOVED MUST BE ACoustICAL UNLESS NOTED OTHERWISE.**
5. **IN DEMOLITION AREAS, REMOVE ALL MISCELLANEOUS ITEMS ON WALLS INCLUDING TACKBOARDS, TOOL ACCESSORIES, CORNER GUARDS AND OTHER WALL MOUNTED ITEMS, UNLESS NOTED OTHERWISE.**
6. **PATCH ALL EXISTING ADJACENT INTERIOR FINISHES TO REMAIN AS NOTED. PATCH BY THE DRY METHOD TO MATCH EXISTING AREAS.**
7. **FILL, LEVEL, AND LEVEL ALL FLOORS AND WALLS AFTER REMOVAL OF PILES, DUCTS, CONDUIT AND OTHER PENETRATING ITEMS. MAINTAIN REQUIRED FIRE RATINGS.**
8. **ALL DEMOLISHED ITEMS ARE TO REMAIN THE PROPERTY OF THE OWNER AT THE END OF DEMOLITION. ALL ITEMS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. USE CODED NOTICES TO OWNER TO ADVISE WHEN ITEMS TO BE REMOVED, REINSTALLED, AND/OR TURNED OVER TO THE OWNER.**
9. **ALL DEMOLITION ACTIVITIES SHALL BE COORDINATED WITH THE OWNER TO MINIMIZE DISRUPTION OF NORMAL DAILY ACTIVITIES IN THE PROJECT AREA.**
10. **TEMPORARY PARTITIONS ARE TO BE ERECTED PRIOR TO COMMENCEMENT OF DEMOLITION WORK AND MAINTAINED THROUGHOUT DEMOLITION. COMPLETED, UNLESS REFER TO PROJECT MANUAL, FOR REQUIREMENTS.**
11. **ALL STRUCTURAL MEMBERS ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED. NOTIFY ARCHITECT PRIOR TO DEMOLITION IF ITEM IS TO BE REMOVED OR REPAIRS ARE REQUIRED.**
12. **REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL DRAWINGS FOR REQUIRED DEMOLITION AND RELATED WORK.**
13. **RESPURPOSE EXISTING CONDUIT, PIPING AND EQUIPMENT TO REMAIN AS REQUIRED DUE TO DEMOLITION.**
14. **REFER TO PHASING DIAGRAMS (IF APPLICABLE) FOR INFORMATION REGARDING SEQUENCING AND PHASING. PHASING SHALL BE DETERMINED SPECIFIC TO THE INTENDED USE OF SPACES DURING CONSTRUCTION.**

	ALL DASHED ITEMS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED
	EQUIPMENT TO BE REMOVED AND REMAIN THE PROPERTY OF THE OWNER AT THEIR DISCRETION
	FIXTURES / DEVICES TO BE REMOVED. SEE MEP DEMO DRAWINGS FOR EXTENTS OF CAPPING, REWORK, AND RECONNECTIONS AS REQUIRED

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Ohio

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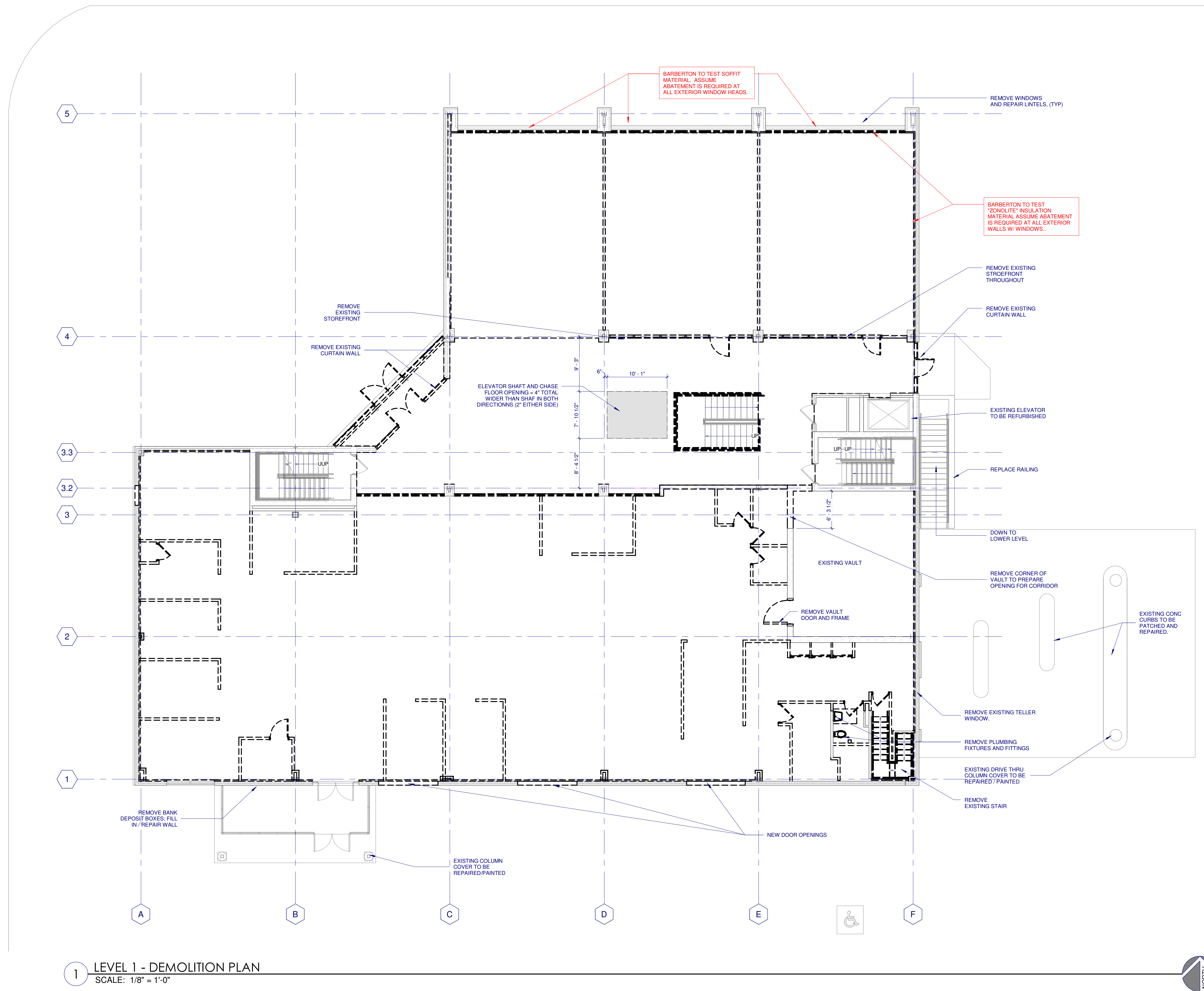
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LEVEL 1 DEMOLITION PLAN

A1-1

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CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

1. **REFER TO PROJECT MANUAL, SECTION 017329, FOR INFORMATION RELATED TO CUTTING AND PATCHING. THIS INCLUDES MAINTAINING THE EXISTING FINISHES AND CONDITIONS OF THE SURFACES. MATCHING EXISTING FINISHES, CONDUCTING FLOOR MEASUREMENTS, PROTECTING EXISTING IN-PLACE CONSTRUCTION, FLOOR LEVELING, AND MO**
2. **WALLS ARE GYPSUM BOARD ON METAL STUDS UNLESS NOTED OTHERWISE. REMOVE ENTIRE WALL TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE. CONFIRM EXISTING CONDITIONS.**
3. **REMOVE ALL EXISTING FLOORING AND BASE WHERE NEW FINISHES ARE INDICATED AS NOTED. REMOVE ALL EXISTING FLOORING UNLESS NOTED OTHERWISE. FLOORING BASE TO BE REMOVED IS VCT, CARPET, QUARTZ TILE.**
4. **REMOVE ALL EXISTING CEILINGS WHERE NEW CEILINGS ARE INDICATED AND AS NOTED. REMOVE ALL UNUSED AND ABANDONED FASTENERS, JOISTS, BRACKETS, AND ACCESSORIES. REMOVE ALL EXISTING TILE AND REPAIR WALL SURFACES FOR NEW CEILING INSTALLATION. CEILING TO BE REMOVED IS ACoustical TILE, Gypsum Board, CEILING UNLESS NOTED OTHERWISE.**
5. **IN DEMOLITION AREAS, REMOVE ALL MISCELLANEOUS ITEMS ON WALLS INCLUDING TACKBOARDS, TOILET ACCESSORIES, CORNER GUARDS AND OTHER WALL MOUNTED ITEMS, UNLESS NOTED OTHERWISE.**
6. **PATCH ALL EXISTING ADJACENT INTERIOR FINISHES TO REMAIN AS MATCHED BY THE DEMOLITION CONTRACTOR. PATCHING UNLESS NOTED OTHERWISE.**
7. **REMOVE ALL EXISTING ALL HOLES IN FLOORS AND WALLS AFTER REMOVAL OF PILLS, DUCTS, CONDUIT AND OTHER PENETRATING ITEMS. MAINTAIN REQUIRED FIRE RATINGS.**
8. **ALL DEMOLISHED ITEMS ARE TO REMAIN THE PROPERTY OF THE OWNER AT THE DEMOLITION LOCATION. ALL ITEMS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. SEE CODED NOTES FOR SPECIFIC ITEMS TO BE REMOVED, REINSTALLED, AND/OR TURNED OVER TO THE OWNER.**
9. **ALL DEMOLITION ACTIVITIES SHALL BE COORDINATED WITH THE OWNER TO MINIMIZE DISRUPTION OF NORMAL, DAILY ACTIVITIES IN THE PROJECT AREA.**
10. **TEMPORARY PARTITIONS ARE TO BE ERECTED PRIOR TO COMMENCEMENT OF ALL WORK AND ARE TO REMAIN UNTIL ALL WORK IS COMPLETE. UNLESS COMPLETED, UNLESS REFER TO PROJECT MANUAL FOR REQUIREMENTS.**
11. **ALL STRUCTURAL MEMBERS ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED. NOTIFY ARCHITECT PRIOR TO DEMOLITION IF ITEM IS TO BE REMOVED OR REINFORCED.**
12. **REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL DRAWINGS FOR REQUIRED DEMOLITION AND REPAIR WORK.**
13. **RESURFUP EXISTING CONDUIT, PIPING AND EQUIPMENT TO REMAIN AS REQUIRED DUE TO DEMOLITION.**
14. **REFER TO PHASING DIAGRAMS (IF APPLICABLE) FOR INFORMATION REGARDING SEQUENCING, WORK REQUIREMENTS AND REQUIREMENTS FOR PROTECTING EXISTING AND ADJACENT AREAS AND EQUIPMENT.**

	ALL DASHED ITEMS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED
	EQUIPMENT TO BE REMOVED AND REMAIN THE PROPERTY OF THE OWNER AT THEIR DISCRETION
	FIXTURES / DEVICES TO BE REMOVED. SEE MEP DEMO DRAWINGS FOR EXTENTS OF CAPPING, REWORK, AND RECONNECTIONS AS REQUIRED



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LEVEL 2 DEMOLITION PLAN

A1-2

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



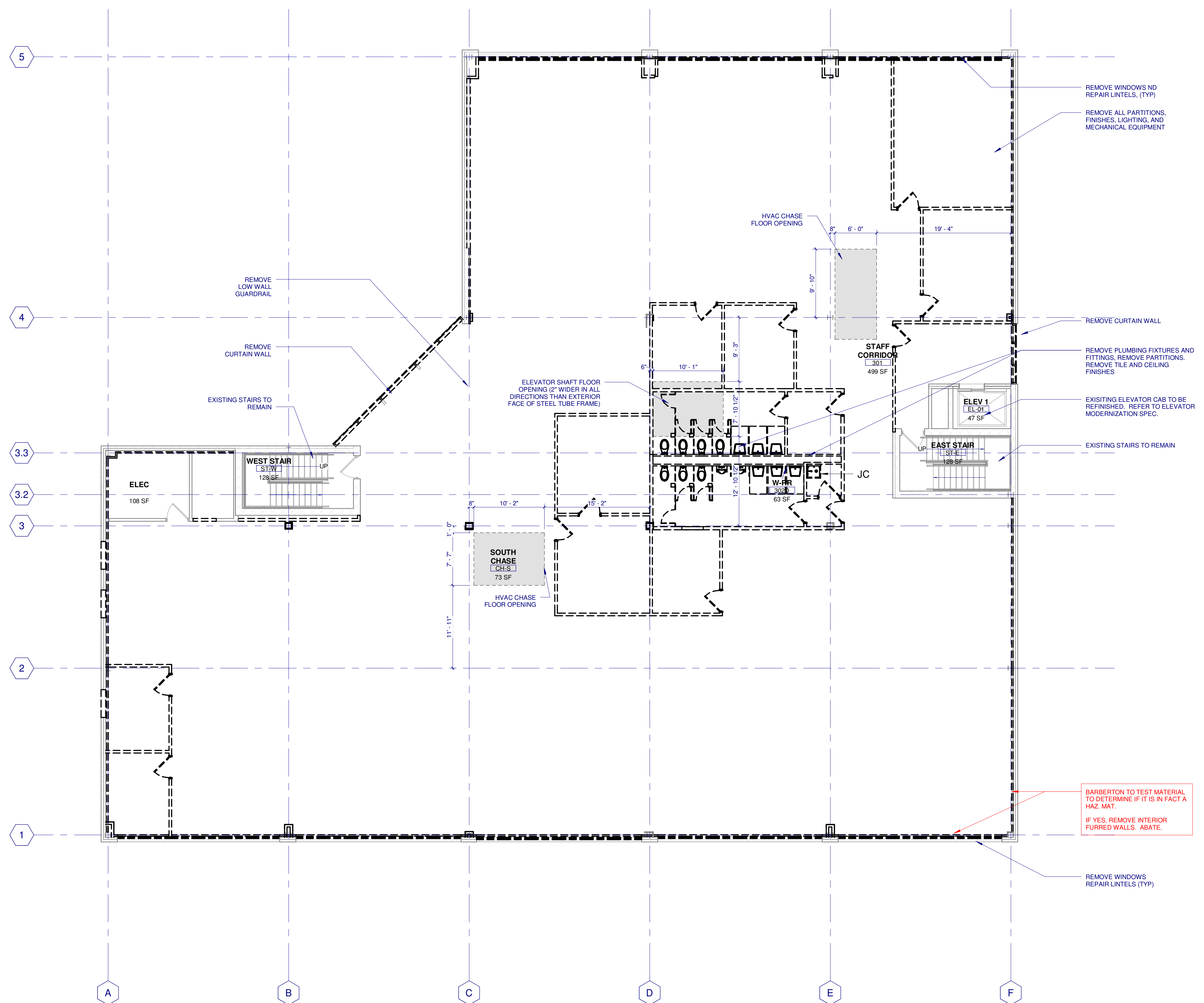
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LEVEL 3 DEMOLITION PLAN

A1-3

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1. **REFER TO PROJECT MANUAL, SECTION 017320, FOR INFORMATION RELATED TO CUTTING AND PATCHING. THIS INCLUDES MAINTAINING EXISTING CONDITIONS AND FINISHES, AND PROVIDING MATERIALS, MATCHING EXISTING FINISHES, CONDUCTING FIELD MEASUREMENTS, PREPARING EXISTING IN-PLACE CONSTRUCTION, FLOOR LEVELING, AND MORE.**
2. **WALLS ARE GYPSUM BOARD ON METAL STUDS UNLESS NOTED OTHERWISE. REMOVE ENTIRE WALL TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE. CONFINING EXISTING CONDITIONS.**
3. **REMOVE ALL EXISTING FLOORING AND BASE WHERE NEW FINISHES ARE TO BE INSTALLED. AS NOTED, REMOVE ALL PARTS OF FINISHES NEW FINISHES. FLOORING BASE TO BE REMOVED IS VET, CARPET, QUARRY TILE.**
4. **REMOVE ALL EXISTING CEILINGS WHERE NEW CEILINGS ARE INDICATED BY THE OWNER. REMOVE ALL EXISTING CEILING MATERIALS, BRACES, SUPPORTS, BRACKETS, HANGERS, ETC., ABOVE THE CEILING. PATCH AND REPAIR WALLS SURROUNDING NEW CEILING INSTALLATION. CEILING TO BE REMOVED IS ACoustICAL, PLASTER, CEILING UNLESS NOTED OTHERWISE.**
5. **IN DEMOLITION AREAS, REMOVE ALL MISCELLANEOUS ITEMS ON WALLS INCLUDING TAGBOARDS, TOILET ACCESSORIES, CORNER GUARDS AND OTHER WALL MOUNTED ITEMS, UNLESS NOTED OTHERWISE.**
6. **PATCH ALL EXISTING ADJACENT INTERIOR FINISHES TO REMAIN AS NOTED BY THE OWNER. PATCH ALL EXISTING EXTERIOR FINISHES.**
7. **WILL AND LEVEL ALL HOLES IN FLOORS AND WALLS AFTER REMOVAL OF PIPES, DUCTS, CONDUIT AND OTHER PENETRATING ITEMS. MAINTAIN REQUIRED FIRE RATINGS.**
8. **ALL DEMOLISHED ITEMS ARE TO REMAIN THE PROPERTY OF THE OWNER AT THE END OF DEMOLITION. ALL ITEMS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. SEE CODED NOTES FOR SPECIFIC ITEMS TO BE REMOVED, REINSTALLED, AND/OR TURNED OVER TO THE OWNER.**
9. **ALL DEMOLITION ACTIVITIES SHALL BE COORDINATED WITH THE OWNER TO MINIMIZE DISRUPTION OF NORMAL DAILY ACTIVITIES IN THE PROJECT AREA.**
10. **TEMPORARY PARTITIONS ARE TO BE ERECTED PRIOR TO COMMENCEMENT OF DEMOLITION WORK AND MAINTAINED THROUGHOUT DEMOLITION. ONCE COMPLETED, UNLESS REFER TO PROJECT MANUAL FOR REQUIREMENTS.**
11. **ALL STRUCTURAL MEMBERS ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED. NOTIFY ARCHITECT PRIOR TO DEMOLITION IF ITEM IS TO BE REMOVED OR REINFORCED. PROVIDE ALL STRUCTURAL UPLIFT DRAWINGS FOR REQUIRED DEMOLITION AND REPAIR WORK.**
12. **REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND STRUT WORK DRAWINGS FOR REQUIRED DEMOLITION AND REPAIR WORK.**
13. **RESPUPPORT EXISTING CONDUIT, PIPING AND EQUIPMENT TO REMAIN AS REQUIRED DUE TO DEMOLITION.**
14. **REFER TO PHASING DIAGRAMS (IF APPLICABLE) FOR INFORMATION REGARDING WORK PHASING. PHASING SHALL BE DETERMINED BY THE OWNER SPECIFIC TO THE INTENDED USE OF SPACES DURING CONSTRUCTION.**

ALL DASHED ITEMS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED

EQUIPMENT TO BE REMOVED AND REMAIN THE PROPERTY OF THE OWNER AT THEIR DISCRETION

FIXTURES / DEVICES TO BE REMOVED. SEE MEP DEMO DRAWINGS FOR EXTENTS OF CAPPING, REWORK, AND RECONNECTIONS AS REQUIRED

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CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

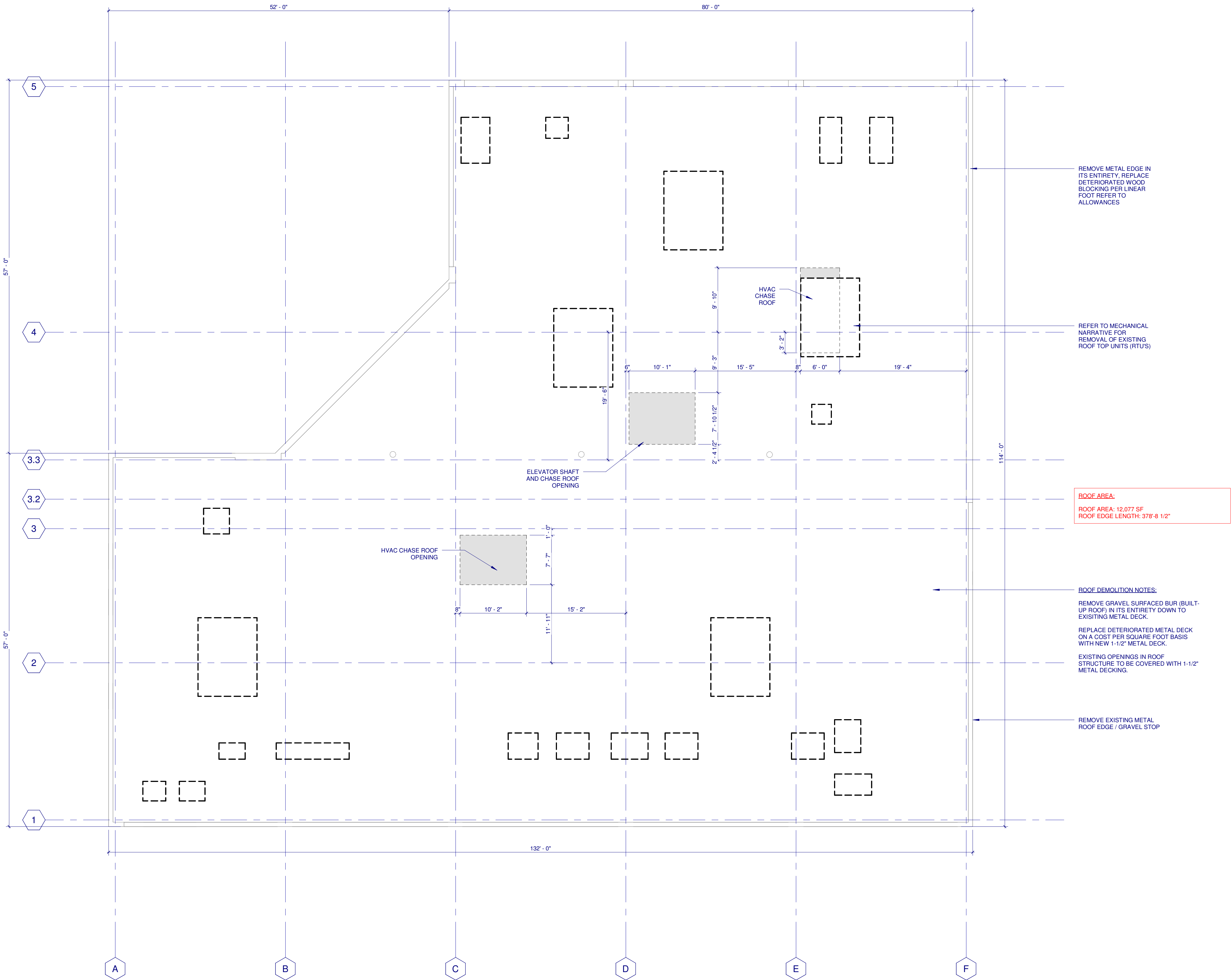
Barberton
OHIO

PRELIMINARY
NOT FOR CONSTRUCTION
DATE: 07/30/2025

ISSUE / REVISION	DATE
A SCHEMATIC DESIGN	07-30-2025
PROJECT NO.	24012.001

ROOF LEVEL
DEMOLITION PLAN

A1-4



REMOVE METAL EDGE IN ITS ENTIRETY. REPLACE DETERIORATED WOOD BLOCKING PER LINEAR FOOT REFER TO ALLOWANCES

REFER TO MECHANICAL NARRATIVE FOR REMOVAL OF EXISTING ROOF TOP UNITS (RTUS)

ROOF AREA:
ROOF AREA: 12,077 SF
ROOF EDGE LENGTH: 378' 6 1/2"

ROOF DEMOLITION NOTES:
REMOVE GRAVEL SURFACED BUR (BUILT-UP ROOF) IN ITS ENTIRETY DOWN TO EXISTING METAL DECK.
REPLACE DETERIORATED METAL DECK ON A COST PER SQUARE FOOT BASIS WITH NEW 1-1/2" METAL DECK.
EXISTING OPENINGS IN ROOF STRUCTURE TO BE COVERED WITH 1-1/2" METAL DECKING.

REMOVE EXISTING METAL ROOF EDGE / GRAVEL STOP

GENERAL NOTES

- REFER TO PROJECT MANUAL, SECTION 017329, FOR INFORMATION RELATED TO CUTTING AND PATCHING. THIS INCLUDES MAINTAINING WEATHER TIGHT CONDITIONS, MAINTAINING EXISTING WARRANTIES, MATCHING EXISTING FINISHES, CONDUCTING FIELD MEASUREMENTS, PROTECTING EXISTING IN-PLACE CONSTRUCTION, FLOOR LEVELING, AND MORE.
- WALLS ARE GYPSUM BOARD ON METAL STUDS UNLESS NOTED OTHERWISE. REMOVE ENTIRE WALL TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE. CONFIRM EXISTING CONDITIONS.
- REMOVE ALL EXISTING FLOORING AND BASE WHERE NEW FINISHES ARE INDICATED AND AS NOTED. PATCH AND REPAIR SUBSTRATES FOR NEW FINISHES. FLOORING/BASE TO BE REMOVED IS VOT, CARPET, QUARRY TILE.
- REMOVE ALL EXISTING CEILINGS WHERE NEW CEILINGS ARE INDICATED AND AS NOTED. REMOVE ALL UNUSED AND ABANDONED FASTENERS, SUPPORTS, BRACKETS, HANGERS, ETC., ABOVE THE CEILING. PATCH AND REPAIR WALL SURFACES FOR NEW CEILING INSTALLATION. CEILING TO BE REMOVED IS ACOUSTICAL PANEL CEILING UNLESS NOTED OTHERWISE.
- IN DEMOLITION AREAS, REMOVE ALL MISCELLANEOUS ITEMS ON WALLS INCLUDING TACKBOARDS, TOILET ACCESSORIES, CORNER GUARDS AND OTHER WALL MOUNTED ITEMS, UNLESS NOTED OTHERWISE.
- PATCH ALL EXISTING ADJACENT INTERIOR FINISHES TO REMAIN AS UNDISTURBED BY THE DEMOLITION TO MATCH ADJACENT SURFACES.
- FILL AND LEVEL ALL HOLES IN FLOORS AND WALLS AFTER REMOVAL OF PIPES, DUCTS, CONDUIT AND OTHER PENETRATING ITEMS. MAINTAIN REQUIRED FIRE RATINGS.
- ALL DEMOLISHED ITEMS ARE TO REMAIN THE PROPERTY OF THE OWNER AT THEIR DISCRETION. ALL ITEMS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. SEE CODED NOTES FOR SPECIFIC ITEMS TO BE REMOVED, REINSTALLED, AND/OR TURNED OVER TO THE OWNER.
- ALL DEMOLITION ACTIVITIES SHALL BE COORDINATED WITH THE OWNER TO MINIMIZE DISRUPTION OF NORMAL DAILY ACTIVITIES IN THE PROJECT AREA.
- TEMPORARY PARTITIONS ARE TO BE ERRECTED PRIOR TO COMMENCEMENT OF DEMOLITION WORK AND ARE TO REMAIN IN PLACE UNTIL WORK IS COMPLETED, UNO. REFER TO PROJECT MANUAL FOR REQUIREMENTS.
- ALL STRUCTURAL MEMBERS ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED. NOTIFY ARCHITECT PRIOR TO DEMOLITION IF ITEM INDICATED TO BE REMOVED IS SUSPECTED AS STRUCTURAL ELEMENT.
- REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL DRAWINGS FOR REQUIRED DEMOLITION AND RELATED WORK.
- RESUPPORT EXISTING CONDUIT, PIPING AND EQUIPMENT TO REMAIN AS REQUIRED DUE TO DEMOLITION.
- REFER TO PHASING DIAGRAMS (IF APPLICABLE) FOR INFORMATION REGARDING SEQUENCING, WORK RESTRICTIONS AND REQUIREMENTS SPECIFIC TO THE INTENDED USE OF SPACES DURING CONSTRUCTION.

LEGEND

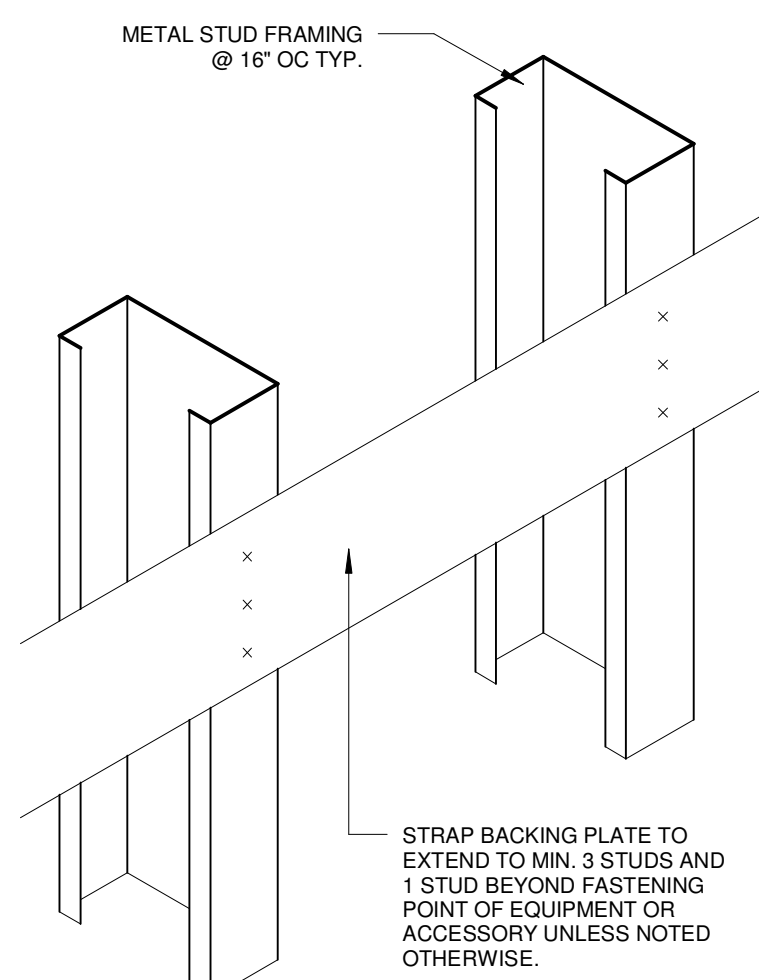
- ALL DASHED ITEMS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED
- EQUIPMENT TO BE REMOVED AND REMAIN THE PROPERTY OF THE OWNER AT THEIR DISCRETION
- FIXTURES / DEVICES TO BE REMOVED. SEE MEP DEMO DRAWINGS FOR EXTENTS OF CAPPING, REWORK, AND RECONNECTIONS AS REQUIRED

1 ROOF LEVEL DEMO
SCALE: 1/8" = 1'-0"

NOTE:

CONFIRM ALL BLOCKING REQUIREMENTS WITH PROJECT MANUAL AND MANUFACTURER'S RECOMMENDATIONS.

REFER TO SECTION 011000 SUMMARY-RESPONSIBILITY MATRIX



TYPE 1:

16 GA MINIMUM BASE METAL THICKNESS
6 INCHES WIDE

- DOOR STOPS
- MIRRORS
- TELEPHONES
- SIGNAGE
- CHART RACKS
- CHALK BOARDS
- AND MORE...

TYPE 2:

16 GA MINIMUM BASE METAL THICKNESS
6 INCHES WIDE; PROVIDE 8 INCHES FOR
LOW WALL GUARD APPLICATIONS

- WALL PROTECTION
- HAND RAILS
- GUARD RAILS
- GRAB BARS
- TOILET PARTITIONS
- ELECTRICAL PANELS
- WALL WALL UNITS
- AND MORE...

TYPE 3:

16 GA MINIMUM BASE METAL THICKNESS
6 INCHES WIDE

- MILLWORK CABINETS
- CASEWORK
- ELEVATOR MONITOR BRACKETS
- LEAD APRON HOOKS
- SYSTEM FURNITURE
- AND MORE...

38" MAX / 1/4" MIN.

FLOOR OR ROOF ASSEMBLY

SEALANT, 1/4" THICKNESS MINIMUM AT EACH SIDE.

COMPRESSION FIT MINERAL WOOL BETWEEN FLUTES OF METAL DECK

SLIP TYPE HEAD JOINT

BOTTOM OF METAL DECK OR CONCRETE FLOOR

IT OPSULM PANELS TO FIT PROFILE FORMED BY STRUCTURAL MEMBERS AND/OR DECK; ALLOW 1/4" - 3/8" WIDE GAP TO INSTALL SEALANT

STEEL STUD WALL ASSEMBLY - REFER TO WALL TYPE SCHEDULE FOR INFORMATION

SOUND ATTENUATION BLANKET

PROVIDE SEALANT AT MEP PENETRATION LOCATIONS EACH SIDE. TYPICAL. FILL PENETRATION WITH MINERAL WOOL AND INSTALL SEALANT

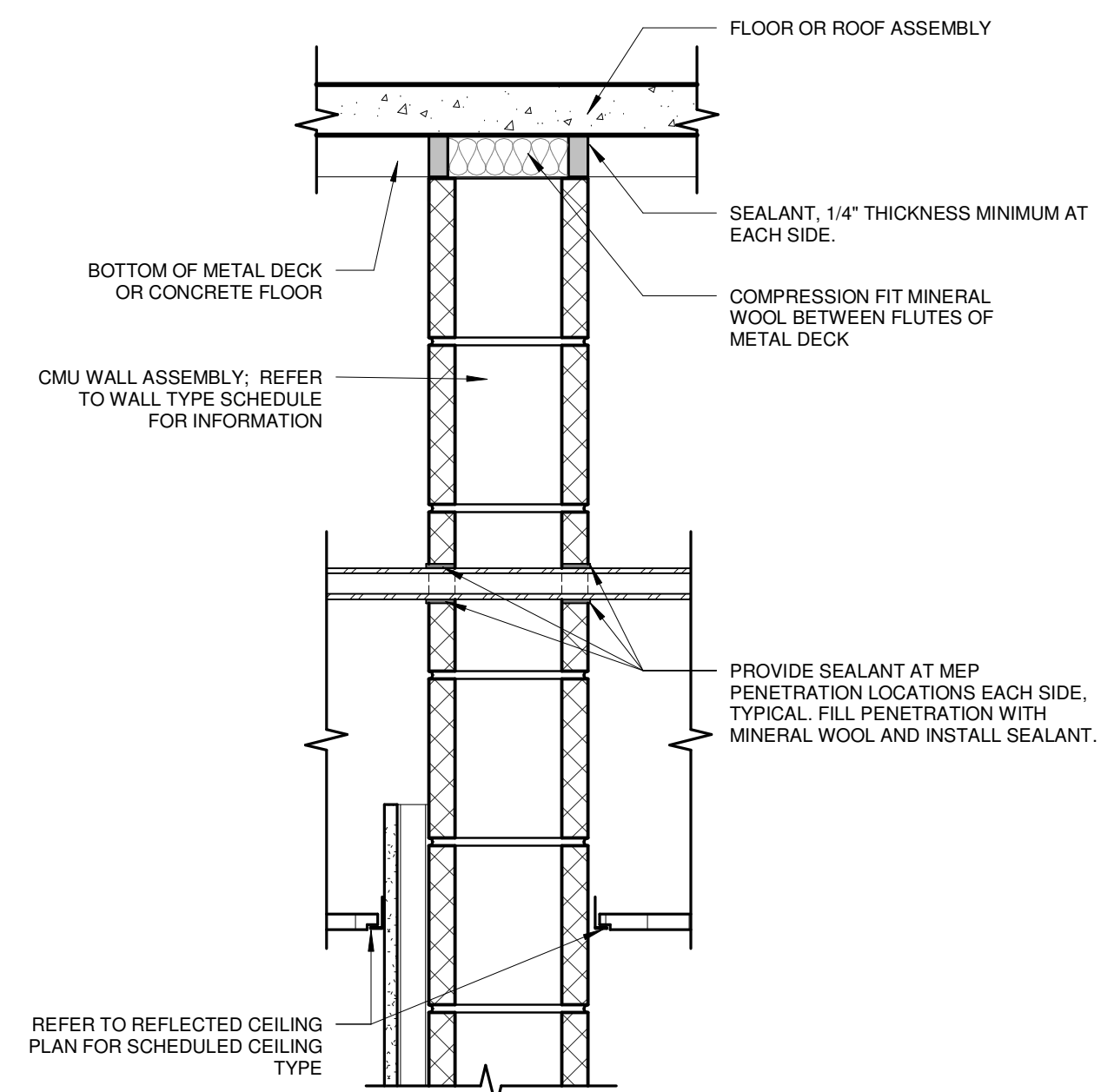
REFER TO REFLECTED CEILING PLAN FOR SCHEDULED CEILING TYPE

1/8" MIN. 1/4" MAX.

SEALANT, 1/4" THICKNESS MINIMUM AT EACH SIDE.

FLOOR ASSEMBLY

NOT TO SCALE



NOT TO SCALE

TYPICAL HEADER DESIGN:

WALL STUD BRACE TO STRUCTURE @ 4'-0" O.C.
FOR OPENINGS GREATER THAN 6'-0"

WALL STUD PER SCHEDULED WALL TYPE

(1) TRACK PER SCHEDULED WALL TYPE

TYPICAL SILL DESIGN (UP TO 6'-0"):

(1) TRACK PER SCHEDULED WALL TYPE

STUDS PER SCHEDULED WALL TYPE

OVERSIZED SILL DESIGN (6'-0" TO 18'-0"):

(1) TRACK PER SCHEDULED WALL TYPE

(1) STUD PER SCHEDULED WALL TYPE

TRACK AND STUDS PER SCHEDULED WALL TYPE

TYPICAL JAMB DESIGN:

(2) WALL STUDS PER SCHEDULED WALL TYPE

(1) EXTRA WALL STUD AT 6'-0" TO 11'-0"
WIDE OPENINGS

(2) EXTRA WALL STUDS AT 11'-0" TO 18'-0"
WIDE OPENINGS

ALL COMBINATION JAMB, SILL AND HEADER DESIGNS SHOWN TO BE
SCREWED TOGETHER.

WALL TYPE	SPECIAL CONSTRUCTION	PLAN DETAIL	GYPSUM BOARD		STUD TYPES		TOTAL WIDTH	HOUR RATING	FIRE RATING	
			TYPE	NO. OF LAYERS / THICKNESS		DEPTH			SHAPE	ASSEMBLY NO.
				SIDE 1	SIDE 2					
1. STUD WALL										
1C		I	I	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S		
1A		I	I	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S		
1C		I	I	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S		
1C		I	I	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S		
1C		I	I	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S		
1C		I	I	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S		
1C		I	I	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S		
1C		I	I	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S		
2. FIRE RATED STUD WALL										
1F		I	X	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S	UL# U465	
1F		I	X	(1) 5/8"	(1) 5/8"	3/8"	C	4/7S	UL# U465	
3. SHAFT WALL										
2.5	4H	VII		(1) 5/8"		2 1/2"	C	7/5S	2	
4		VII		(1) 5/8"		2 1/2"	C	5/5S	2	
4		VII		(1) 5/8"		2 1/2"	C	5/5S	2	
6	CH	VII		(1) 5/8"		2 1/2"	C	5/5S	2	
6	CH	VII		(1) 5/8"		2 1/2"	C	5/5S	2	
6	CH	VII		(1) 5/8"		2 1/2"	C	3/4"	2	
8F		III	X	(1) 1"	(1) 5/8"	4"	CH	4/5S	1	
8F	CH	III	X	(1) 1"	(1) 5/8"	4"	CH	4/5S	1	
4. FURRING WALL										
1A1		VII		(1) 5/8"		3/8"	C	4 1/4"		
1A1	S1	VII		(1) 5/8"		3/8"	C	4 1/4"		
3A1		VII		(1) 5/8"		7/8"	HAT	1 1/2"		
3B		VII		(1) 5/8"		7/8"	HAT	1 1/2"		
3B		VII		(1) 5/8"		2 1/2"	C	3 1/8"		
5B	S1	VII		(1) 5/8"		2 1/2"	C	3 1/8"		

WALL TYPE	FIRE RATING		ACOUSTIC INFO.	
	HOUR RATING	ASSEMBLY NO.	STC RATING	TOTAL WTD
8"				7 5/8"

A cross-sectional diagram of a wall assembly. The wall is composed of a central vertical core labeled "NON-COMPOSITE FULLY BRACED". This core is flanked by two layers of "GYP. BD. TO 6" ABOVE FINISH CEILING - BOTH SIDES OF WALL". The top and bottom of the wall are shown with hatching, representing structural supports. A vertical dimension line on the left indicates a height of "4' TYP.". To the right of the wall, a label "MINERAL WOOL FIREBLOCKING" points to a layer at the top of the wall. A label "NON-COMPOSITE BRICED AT 45' O.C." points to the central core. A legend box in the bottom right corner contains the letters "A" and "A¹".

NON-COMPOSITE
FULLY BRACED

B	B ₁
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Diagram of a fully braced non-composite column. The column is shown with a cross-section of a metal stud and a concrete core. It is labeled 'NON-COMPOSITE' and 'FULLY BRACED'. A table below the diagram shows the values for B and B₁.

COMPOSITE	C	F	F2	FP
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1. ALL INTERIOR PARTITIONS SHALL BE TYPE "C" UNLESS NOTED OTHERWISE. REFER TO THIS SHEET FOR ADDITIONAL PARTIC TYPE INFORMATION AND FOR FLOOR TO DECK HEIGHTS.
2. REFER TO PROJECT MANUAL FOR SPECIFICATIONS OF MINIMUM MINIMUM STEEL THICKNESS AND SPACING FOR STEEL STUDS IN STEEL FRAMED INTERIOR PARTITIONS.
3. ALL CMU WALLS ARE 8" NOMINAL UNLESS NOTED OR DIMENSIONED OTHERWISE ON DRAWINGS.
4. DIMENSIONS ON FLOOR PLANS ARE TO FACE OF FINISH WALL UNLESS NOTED OTHERWISE.
5. UNLESS NOTED OTHERWISE, WALLS WITH ONE SIDE ADJACENT TO A CONCEALED SPACE MAY HAVE GYPSUM BOARD ON THE EXPOSED SIDE ONLY. THIS DOES NOT APPLY TO FIRE-SMOKE BARRIERS OR FIRE PARTITIONS.
6. REFER TO SCHEDULE FOR FINISHES.
7. BUILDING PARTITIONS NOT SUPPORTED DIRECTLY BY NON-FIRING MINIMUM OR FLURRING STRUCTURE SHALL BE BRACED LATERNALLY AT MID-HEIGHT (MIN.) TO ANOTHER PARTITION OR CURB.
8. PROVIDE MOLD-RESISTANT GYP BOARD AT ALL PLUMBING FIXTURE LOCATIONS UNLESS THE BACKING PANELS ARE EXTENDED. MINIMUM 3 FEET IN EACH DIRECTION FROM THE CENTERLINE OF FIXTURES HORIZONTALLY AND FROM FLOOR TO CEILING VERTICALLY.
9. PROVIDE GLASS-MAT, WATER-RESISTANT BACKING BOARD AT CERAMIC TILE LOCATIONS, UNLESS OTHER TILE BACKING PANEL PRODUCTS ARE NOTED.
10. PROVIDE BLOCKING PER 011000 PERFORMANCE MATRIX, IN WALLS FOR WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS.
11. TYPICAL MOUNTING DETAILS, WALL BRACKETS, & LOCATIONS OF FIXTURES, ACCESSORIES, EQUIPMENT, ETC., SHOWN ON THIS SHEET AT "A" LOCATIONS OF CA SUPPORT AREAS ARE SHOWN ON INTERIOR ELEVATIONS. REFER TO ARCHITECT'S GENERAL NOTES REGARDING THE LOCATION OF ACCESSORIES AND EQUIPMENT NOT SHOWN ON FLOOR PLANS.
12. ALL RECESSES IN A RATED PARTITION SHALL COMPLY WITH DETAILS FOR CONTINUATION OF PARTITION INTEGRITY. REFER TO PART 02-01-A2-6.1.
13. ALL CMU WALLS SHALL EXTEND TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE. COORDINATE WITH RATED SYSTEM REQUIREMENTS AND LIFE SAFETY PLANS.
14. REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF SMOKE PARTITIONS, RATED DOORS, AND SMOKE EXHAUST SYSTEMS. PROVIDE SMOKE SEALANT AND SEALANT CONSTRUCTION TERMINATING TIGHT TO DECK WITH MINERAL WOOL, SEALANT, AND SEAL ANT PENETRATIONS AND VOIDS TIGHT WITH JOINT COMPOUND OR SEALING PUTTY. PROVIDE SMOKE SEALANT AS NECESSARY TO PREVENT AIR LEAKAGE PATCHING OF EXISTING WALLS, WITHIN PROJECT AREA FOR RENOVATION WORK ONLY.
15. REFER TO TECHNICAL DETAIL, THIS SHEET FOR ADDITIONAL REQUIREMENTS ON PARTITIONS DESIGNATED AS "SOUND CONTROL". SEE FLOOR PLAN FOR WALL LOCATIONS.
16. PATCH EXISTING SURFACES THAT ARE NOT AFFECTED BY THE NEW WORK BUT REQUIRE REPAIR DUE TO WATER DAMAGE, MISUSE, ACCIDENTAL DAMAGE OR DISCOLORATION OR REMOVAL OF WALL MOUNTED EQUIPMENT OR ACCESSORIES. PROVIDE REPAIR MATERIAL MATCHING EXISTING MATERIAL (WOOD, GRASS, STONE, etc.). PATCH AND FILL ALL CRACKS AND OPENINGS. PREPARE SURFACES TO RECEIVE FINISHES. PATCHES SHALL BE PATCHED AND PREPARED IN THIS FASHION:
17. CONTRACTOR FURNISHES OR INSTALLS ALL SPECIALTY ITEMS, EQUIPMENT, ACCESSORIES, AND FURNISHINGS. UNLESS REFER TO LEGEND AND EQUIPMENT LIST.
18. REFER TO FURNITURE & EQUIPMENT PLANS FOR LOCATION OF OWNER FURNISHED ITEMS.
19. REFER TO A SERIES FOR TYPICAL EXTERIOR WALL TYPE INFORMATION.

WHEN INDICATED FOR 4" AND 6" WALLS, QWP: BD: FINISH IS OMITTED ON UNEXPLODED OR UNEXPLODED PARTS OF WALL. FINISH SHALL EXTEND FULL HEIGHT TO UNEXPLODED OR EXPLODED ON EXPOSED SIDE OF 8" WALLS.

WHEN PRESENT INDICATES SPECIAL SCHEDULES:

- B1 = SOUND CONTROL, PARTITION TYPE 1
- B2 = SOUND CONTROL, PARTITION TYPE 2
- LD = LEAD LINING, PARTITION. REFER TO LEAD SCHEDULING DETAILS. COORDINATE WITH ARCHITECT FOR LEAD SCHEDULING.
- T = WALL TIE FINISH. REFER TO PROJECT MANUAL FOR TYPICAL STEEL STUD THICKNESS REQUIRED.

QWP: BD: CONFORMANCE (REFER TO DETAILS TO THE LEFT):

QWP: BD: FULL HEIGHT (IN BOTH SIDES):	A
QWP: BD: FULL HEIGHT BOTH SIDES:	C
	F = 1 HR FIRE BARRIER OR SMOKE BARRIER
	FP = 2-HR FIRE BARRIER
	FP = 1 HR FIRE BARRIER

F = FIRE BARRIER OR FIRE PARTITIONS MAY ALSO BE DESIGNATED A SMOKE BARRIER
 REFER TO USE SCHED. 1 AND/OR LOCATIONS

REFER TO LIFE SAFETY PLANS FOR IDENTIFICATION OF SMOKE PARTITIONS AND FOR SPECIFIC LOCATIONS OF SMOKE BARRIERS, FIRE PARTITIONS AND FIRE BARRIERS.

STUD WIDTH / TYPE DESIGNATION:

1" - 3/8" / "C"	6" - RESERVED
2" - 6" / "C"	7" - 2 1/2" / "C" (OR SHAPWALL)
2" - 6" / "NAT"	8" - 6" / "C" (OR SHAPWALL)
4" - 10 1/2" / "C"	8" - 10 1/2" / "C" (OR SHAPWALL)

THE FOLLOWING DESIGNATIONS ARE FOUND ON FLOOR PLANS, DIMENSIONS PLANS, CEILING PLANS, AND DOOR PLANS AND ARE APPLICABLE TO INTERIOR PARTITIONS OF GYP. BD. CONSTRUCTION. REFER TO LIFE SAFETY PARTITION FOR ANY RATING INFORMATION APPLICABLE TO EXTERIOR WALLS OR INTERIOR WALLS OF MASONRY OR CONCRETE CONSTRUCTION.

WALL HATCHES

LIFE SAFETY / RATED WALLS

2 HR FIRE BARRIER (F2)

1 HR FIRE BARRIER (F1)

1 HR FIRE PARTITION (FP)

SMOKE PARTITION

SMOKE BARRIER & 2 HR FIRE BARRIER

SMOKE BARRIER & 1 HR FIRE BARRIER

SMOKE BARRIER & 1 HR FIRE PARTITION

SMOKE PARTITION

NOTE: REFER TO LIFE SAFETY PLANS FOR ADDITIONAL RATING INFORMATION.

NOTE:
DETAILS ARE FOR TYPICAL DIMENSION, LAYOUT AND WALL TYPE INFORMATION.
REFER TO FLOOR PLANS FOR ATTENTION INFORMATION AND ADDITIONAL
REQUIREMENTS AS NOTED DIMENSIONED.

ADJUST CONFIGURATIONS AT FIRE-RATED ASSEMBLIES TO MAINTAIN CONTINUITY
OF ASSEMBLY - REFER TO LIFE SAFETY SERIES DRAWINGS.

NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET
1 IN FLOOR RECESSED POWER AND DATA
2 NEW FLOOR OPENING IN EXISTING CONCRETE ON METAL DECK FLOOR SYSTEM REFER TO STRUCTURAL, SCHEMATICS FOR HUGH OPENING SUPPORT
3 NEW FLOOR OPENING ON COTS, GEN 2 SYSTEM OR EQUAL, BY SHINGLER OR THYSSEN KRUPP
4 APPROXIMATE LOCATION OF EXISTING PLUMBING CHASE. ACTUAL CONDITIONS TO BE VERIFIED BY DEMOLITION OF EXISTING BATHROOMS AT THIS LEVEL.
5 2 HOUR RATED SHUTTER/PARTITION.
6 12" X 12" WALL HINGED DOOR TO TREATED SOLID WALL
7 12" X 12" WALL MOUNTED SHELS SUPPORTED BY STANDARDS AND BRACKET/SHIMMING
8 CLOSET ROD AND SHELF WALL MOUNTED
9 MOUNTED ISLAND WITH SOLID SURFACE COUNTERTOPS.
10 WALL MOUNTED COUNTERTOP WITH SOLID SURFACE FOR LATERAL FILES
11 PRINTS COPIERS BY OWNER
12 WORKBENCH/FURNITURE
13 SPORT FLOORING - RESILIENT SHEET WITH WELD WELDED SEAMS AND CUSHIONED MOUNTING
13 12" X 12" 36" LAMINATE LOCKER UNITS
14 SOLID SURFACE COUNTERTOP AND SINK BY MILLWOK COUNTER
15 SOLID SURFACE COUNTERTOP BY MILLWOK COUNTER, SEE NOTES BELOW
TV MONITOR PROVIDED BY OWNER. BRACKET AND POWER & DATA BY EC

1. ALL INTERIOR PARTITIONS SHALL BE TYPE 'C' UNLESS NOTED OTHERWISE; REFER TO THIS SHEET FOR ADDITIONAL, TYPICAL INFORMATION AND FOR FLOOR TO DECK HEIGHTS.
2. REFER TO PROJECT MANUAL FOR TYPICAL MINIMUM STEEL THICKNESS AND SPACING FOR STEEL STUDS IN STEEL FRAMED INTERIOR PARTITIONS.
3. ALL CMU WALLS ARE 8" (NOMINAL) UNLESS NOTED OR DIMENSIONED OTHERWISE ON DRAWINGS.
4. DIMENSIONS ON FLOOR PLANS ARE TO FACE OF FINISH WALL UNLESS NOTED OTHERWISE.
5. UNLESS NOTED OTHERWISE, WALLS WITH ONE SIDE ADJACENT TO A CONCEALED SPACE MAY HAVE GYPSUM BOARD ON THE EXPOSED SIDE ONLY. THIS DOES NOT APPLY TO FIRE-SMOKE BARRIERS OR FIRE PARTITIONS. REFER TO LIFE SAFETY PLANS.
6. FURRING PARTITIONS NOT SUPPORTED DIRECTLY BY NON-FURRING PARTITIONS OR BUILDING STRUCTURE SHALL BE BRACES LATERALLY AT (MID-HEIGHT MIN.) DIRECTLY TO THE FURRING PARTITION OR TO THE BUILDING STRUCTURE.
7. PROVIDE MOULDED RESISTANT GYP BOARD AT ALL PLUMBING FIXTURE LOCATIONS UNLESS THE BACKING PANELS ARE NOTED. EXTEND MINIMUM 3 FEET IN EACH DIRECTION FROM THE CENTERLINE OF FIXTURES HORIZONTALLY AND FROM FLOOR TO DECK VERTICALLY.
8. PROVIDE GLASS MAT. WATER-RESISTANT BACKING BOARD AT CERAMIC TILE LOCATIONS. UNLESS OTHER TILE BACKING PANEL PRODUCTS ARE NOTED.
9. PROVIDE BLOCKING, PER 011000 RESPONSIBILITY MATRIX, IN WALLS FOR WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS.
10. TYPICAL MOUNTING HEIGHTS, WALL BLOCKING, & LOCATIONS OF FIXTURES, ACCESSORIES AND SHEET METAL SHALL BE SHOWN ON THIS SHEET AS TO LOCATIONS OF CA SUPPORT ANCHORS ARE SHOWN ON INTERIOR ELEVATIONS. REFER TO REMODELING DRAWINGS FOR SPEC-ADDITIONAL FINISHES, TYPES, AND LOCATIONS OF ACCESSORIES AND EQUIPMENT NOT SHOWN ON FLOOR PLANS.
11. ALL RECESSES IN RATED PARTITION SHALL COMPLY WITH DETAILS FOR CONTINUATION OF PARTITION INTEGRITY. REFER TO DETAILS ON A2-G.1.
12. ALL CMU WALLS SHALL EXTEND TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE. COORDINATE WITH RATED SYSTEM REQUIREMENTS AND LIFE SAFETY PLANS.
13. REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF MOUNTED PARTITIONS, RATED PARTITIONS, BARRIER PARTITIONS, AND OTHER PARTITIONS. PROVIDE FINISHES, CONSTRUCT TERMINATION TYPICAL TO DECK WITH MINERAL WOOL AND SEALANT, AND SEAL ALL PENETRATIONS AND JOISTS TYPICAL WITH JOINT COMPOUND OR PREPARED TO PROVIDE FOR SPEC-ADDITIONAL FINISHES, TYPES, AND JOISTS PLACING OF EXISTING WALLS, WITHIN PROJECT AREA FOR RENOVATION WORK ONLY.
14. REFER TO TYPICAL DETAIL THIS SHEET FOR ADDITIONAL REQUIREMENTS ON PARTITIONS DESIGNATED AS 'SOUND CONTROL'. SEE FLOOR PLAN FOR LOCATIONS.
15. PATCH EXISTING WALLS WHICH ARE NOT AFFECTED BY THE NEW WORK BUT REQUIRE SURFACE REPAIR DUE TO WATER DAMAGE, MISUSE, ACCIDENTAL DAMAGE AND DEMOLITION OR REMOVAL OF WALL MOUNTED EQUIPMENT OR ACCESSORIES. REMOVE OR PATCH AND FILL ALL CRACKS AND OPENINGS. PREPARE SURFACE FOR FINAL FINISHES. PATCH AND FILL ALL CRACKS AND OPENINGS TO RECEIVE NEW FINISHES SHALL BE PATCHED AND PREPARED IN THIS FASHION.
16. CONTRACTOR FURNISHES OR INSTALLS ALL SPECIALTY ITEMS, EQUIPMENT, ACCESSORIES, AND FURNISHINGS, UNLESS REFER TO LEGEND AND EQUIPMENT SCHEDULE FOR DETAILS.
17. REFER TO FURNITURE & EQUIPMENT PLANS FOR LOCATION OF OWNER FURNISHED ITEMS.
18. REFER TO SERIES FOR TYPICAL EXTERIOR WALL TYPE INFORMATION.

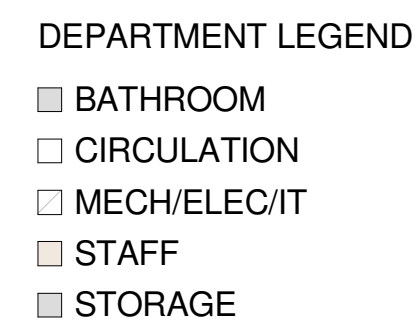
STAFF		
005	BLDG MAINT.	502 SF
		502 SF
STORAGE		
003	DOCUMENT STORAGE / SCANNING	747 SF
004	WHITEBOX STORAGE	1793 SF
009	WHITEBOX STORAGE	623 SF
010	WHITEBOX	834 SF
010A	STORAGE	86 SF
011	WHITEBOX STORAGE	2732 SF
012	WHITEBOX STORAGE	434 SF
012A	WHITEBOX STORAGE	458 SF
		7707 SF

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DATE: 07/30/2025

PROJECT NO. 24012.001

A2-0

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2 LEVEL 0 PLAN
SCALE: 1/8" = 1'-0"

FILE: C:\Projects\24012.001 Barberton City Hall_OPT 2_ericbNCZRD.mt
DATE: 8/14/2025 9:16:36 AM

- 1 IN FLOOR RECESSED POWER AND DATA
- 2 NEW FLOOR FINISH IN EXISTING CONCRETE ON METAL DECK FLOOR SYSTEM
- 3 REPAIR EXISTING NATURAL STONE TILE TO MATCH NEW TROUGH EQUIPMENT SUPPORT
- 4 ELEVATOR BASK ON 2500 OTIS 'DN' 2" SYSTEM OR EQUAL BY SHINDLER OR TROVATI
- 5 APPROXIMATE LOCATION OF EXISTING PLUMBING CHANGES. ACTUAL CONDITIONS TO BE VERIFIED BY DEMOLITION OF EXISTING BATHROOMS AT THIS LEVEL.
- 6 1/2" X 12" X 12" SHIFTER RAILING
- 7 MATCHED WALL INDICATES ACoustically TREATED SOUND WALL
- 8 16" X 12" WALL MOUNTED SHELVES SUPPORTED BY STANDARDS AND BRACKETS
- 9 CLOSET ROD AND SHELF, WALL MOUNTED
- 10 MILLWORK, ISLAND AND WALL CUPBOARD COUNTERTOPS
- 11 WALL MOUNTED COUNTERTOP AND SINK BELOW FOR LATERAL FLIES
- 12 HINTER COUNTERS BY OWNER
- 13 WOODGRANITE FURNITURE
- 14 SPORT FLOORING - RESILIENT SHEET WITH HEAT WELDED SEAMS AND CUSHIONED UNDERLAY
- 15 12" X 12" X 1/2" LAMINATE LOCKER UNITS
- 16 SOLID SURFACE COUNTERTOP AND SINK BY MILLWORK CONTR.
- 17 SOLID SURFACE COUNTERTOP BY MILLWORK CONTR.
- 18 MONITOR PROVIDED BY OWNER, BRACKET AND POWER & DATA BY E&C

1. ALL INTERIOR PARTITIONS SHALL BE TYPE 1C UNLESS NOTED OTHERWISE. REFER TO THIS SHEET FOR ADDITIONAL TYPE INFORMATION AND FOR FLOOR TO DECK SPACING.
2. REFER TO PROJECT MANUAL FOR TYPE 1 MINIMUM STEEL THICKNESS AND SPACING FOR STEEL STUDS IN STEEL FRAMED INTERIOR PARTITIONS.
3. ALL CMU WALLS ARE 8" (NOMINAL) UNLESS NOTED OR DIMENSIONED OTHERWISE ON DRAWINGS.
4. DIMENSIONS ON FLOOR PLANS ARE TO FACE OF FINISH WALL UNLESS NOTED OTHERWISE.
5. UNLESS NOTED OTHERWISE, WALLS WITH ONE SIDE ADJACENT TO A CONCEAL SPACE MAY HAVE OYSPUM BOARD ON THE EXPOSED SIDE ONLY. THIS DOES NOT APPLY TO FIRE-SMOKE BARRIERS OR FIRE PARTITIONS. REFER TO FLOOR SAFETY PLAN FOR DETAILS.
6. FURRING PARTITIONS NOT SUPPORTED DIRECTLY BY NON-FURRING PARTITIONS OR BUILDING STRUCTURE SHALL BE BRACED LATERSL AT MID-HEIGHT (MIN.) TO EXISTING NON-FURRING PARTITIONS OR BUILDING STRUCTURE.
7. PROVIDE MO,UL RESISTANT GYP BOARD AT ALL PLUMBING FIXTURE LOCATIONS UNLESS THE BACKING PANELS ARE NOTED. EXTEND MINIMUM 3 FEET IN EACH DIRECTION FROM THE CENTERLINE OF FIXTURES HORIZONTALLY AND FROM FLOOR TO TOP OF CEILING.
8. PROVIDE GLASS-MAT, WATER-RESISTANT BACKING BOARD AT CERAMIC TILE LOCATIONS, UNLESS OTHER TILE BACKING PANEL PRODUCTS ARE NOTED.
9. PROVIDE BLOCKING, PER 011000 RESPONSIBILITY MATRIX, IN WALLS FOR WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED ITEMS.
10. TYPE 1001 MOUNTING HOOKS, WALL BLOCKING, & LOCATIONS OF FIXTURES, ACCESSORIES, AND SELECT EQUIPMENT SHALL BE SHOWN ON SHEET 4A. LOCATIONS OF CA SUPPORT ANCHORS ARE SHOWN ON INTERIOR ELEVATIONS. REFER TO SHEET 4B FOR SERIES DRAWINGS FOR ADDITIONAL BARRIERS. THIS INCLUDES LOCATIONS OF ACCESSORIES AND EQUIPMENT NOT SHOWN ON FLOOR PLANS.
11. ALL RECESSES IN A RATED PARTITION SHALL COMPLY WITH DETAILS FOR CONTINUATION OF PARTITION INTERITY. REFER TO PARTIALS ON A2-2.1.
12. ALL CMU WALLS SHALL EXTEND TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE. COORDINATE WITH RATED SYSTEM REQUIREMENTS AND LIFE SAFETY PLANS.
13. REFER TO LIFE SAFETY PLAN FOR LOCATIONS OF SMOKE PARTITIONS, RATED DOORS AND BARRIERS, AND RATED GLASS PARTITIONS. REFER TO CONSTRUCTION TRIMMENTATION TIGHT TO DECK WITH MINERAL WOOL, SEALANT, AND SEAL ALL PENETRATIONS AND VOIDS TIGHT WITH JOINT COMPOUND AND FLOOR FLOORING TO PROVIDE FIRE AND SMOKE ADDITIONAL BARRIERS. THIS INCLUDES PATCHING OF EXISTING WALLS, WITHIN PROJECT AREA FOR RENOVATION WORK OR REPAIRS.
14. REFER TO TYPICAL DETAIL THIS SHEET FOR ADDITIONAL REQUIREMENTS ON PARTITIONS DESIGNATED AS "SOUND CONTROL". SEE FLOOR PLAN FOR LOCATIONS.
15. PATCH EXISTING WALLS WHICH ARE NOT AFFECTED BY THE NEW WORK BUT REQUIRE SURFACE REPAIR DUE TO WATER DAMAGE, MISUSE, ACCIDENTAL DAMAGE AND DISCOLORATION OR REMOVAL OF WALL MOUNTED EQUIPMENT OR ACCESSORIES. REMOVE AND REPAIR ALL CRACKS AND CRACKS, CHIPS, LOOSE SPALLING OR DELTACTION. PATCH AND FILL ALL CRACKS AND OPENINGS. PREPARE SURFACE TO RECEIVE FINISHES SHALL BE PATCHED AND PREPARED IN THIS FASHION.
16. CONTRACTOR FURNISHES OR INSTALLS ALL SPECIALTY ITEMS, EQUIPMENT, ACCESSORIES, AND FURNISHINGS. UNQ. REFER TO LEGEND AND EQUIPMENT SCHEDULE FOR DETAILED DESCRIPTIONS.
17. REFER TO FURNITURE & EQUIPMENT PLANS FOR LOCATION OF OWNER FURNISHED ITEMS.
18. REFER TO AS SERIES FOR TYPE 1001 TYPE EXTERIOR WALL TYPE INFORMATION.

DEPARTMENT AREA		
LEVEL 1		
BATHROOM		
109	W	181 SF
110	M	100 SF
111B	ADA WC	60 SF
		405 SF
CIRCULATION		
102A	EXISTING STAIR DN	130 SF
113A	AIR LOCK	99 SF
EL-02	ELEV 2	56 SF
		290 SF
EXTERIOR		
119	EVENT SPACE PATIO	1367 SF
		1367 SF
MAIN STREET OFFICE		
106	MAIN STREET OFFICE	362 SF
		362 SF
MICHELLE/IT		
102C	IT	17 SF
108	MECH	30 SF
115	ELEC SERVICE	182 SF
		228 SF
PUBLIC		
100	PUBLIC ENTRANCE	71 SF
101	SECURE LOBBY	185 SF
102	LOBBY	2225 SF
111A	WALK-UP SERVICE COUNTER	112 SF
304A	LOBBY	Redundant Room
		2590 SF
RECREATION		
103A	PAIRKS OFFICE	136 SF
103B	PAIRKS OFFICES	232 SF
103C	PAIRKS OFF	112 SF
104	BILLIARDS	875 SF
105	FITNESS	1012 SF
106	MULTI-PURPOSE ROOM 2	1012 SF
107	MULTI-PURPOSE ROOM 1	2012 SF
114	WARNING ROOM	402 SF
114A	STOR.	5525 SF
		1431 SF
STAFF		
107	STAFF ENTRANCE	171 SF
111	SERVICE STAFF	70 SF
111C	VAULT	100 SF
109B	UTILITY	44 SF
115	MAINTENANCE	97 SF
		1431 SF
STORAGE		
112A	STORAGE	185 SF
		185 SF

[illegible]

A2-1

NO. 2025



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DATE: 07/30/2025

PROJECT NO. 24012.001

A2-2

2025

NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET

- | DEPARTMENT AREA | | | |
|--------------------|------------------------------|---------|--|
| LEVEL 2 | | | |
| BATHROOM | | | |
| 202B | MEN | 96 SF | |
| 202B | WOMEN | 115 SF | |
| 202C | W-RR | 55 SF | |
| 202D | M-RR | 125 SF | |
| | | 322 SF | |
| BUILDING | | | |
| 208 | BUILDING DEPT OPEN OFFICE | 1318 SF | |
| 208A | OFFICE | 149 SF | |
| 208B | OFFICE | 200 SF | |
| 208C | OFFICE | 198 SF | |
| 208D | WORKRM STORAGE | 307 SF | |
| | | 2124 SF | |
| CIRCULATION | | | |
| 203 | PUBLIC CORRIDOR | 1440 SF | |
| | | 1440 SF | |
| COUNCIL | | | |
| 204 | COUNCIL OPEN OFFICE | 389 SF | |
| 204A | WORK ROOM / STORAGE | 176 SF | |
| 204B | CLERK OF COURTS | 221 SF | |
| 204C | STOR | 15 SF | |
| 205 | MTG / TRAINING RM | 528 SF | |
| 206 | LARGE PUBLIC MTG RM | 1287 SF | |
| | | 2615 SF | |
| MEEHOLECIT | | | |
| 201 | MECH | 46 SF | |
| 202E | MECHANICAL | 151 SF | |
| 202F | ELEC | 177 SF | |
| 203C | CHAS | 11 SF | |
| CH-1N | NORTH CHASE | 51 SF | |
| CH-5 | HVAC CHASE | 57 SF | |
| | | 497 SF | |
| PLANNING | | | |
| 210 | STAFF ELLEV DEPT OPEN OFFICE | 902 SF | |
| 210A | OFFICE | 150 SF | |
| 210C | OFFICE | 200 SF | |
| | STORAGE / WORK RM | 354 SF | |
| | | 1646 SF | |
| STAFF | | | |
| 201 | STAFF ELLEV LOBBY | 178 SF | |
| 203D | STAFF OFFICE | 291 SF | |
| 203E | STAFF RATCHETERITE | 223 SF | |
| 209A | SMALL SHARED COR | 248 SF | |
| 209B | LARGE SHARED COR | 422 SF | |
| | | 1292 SF | |

LEVEL 2

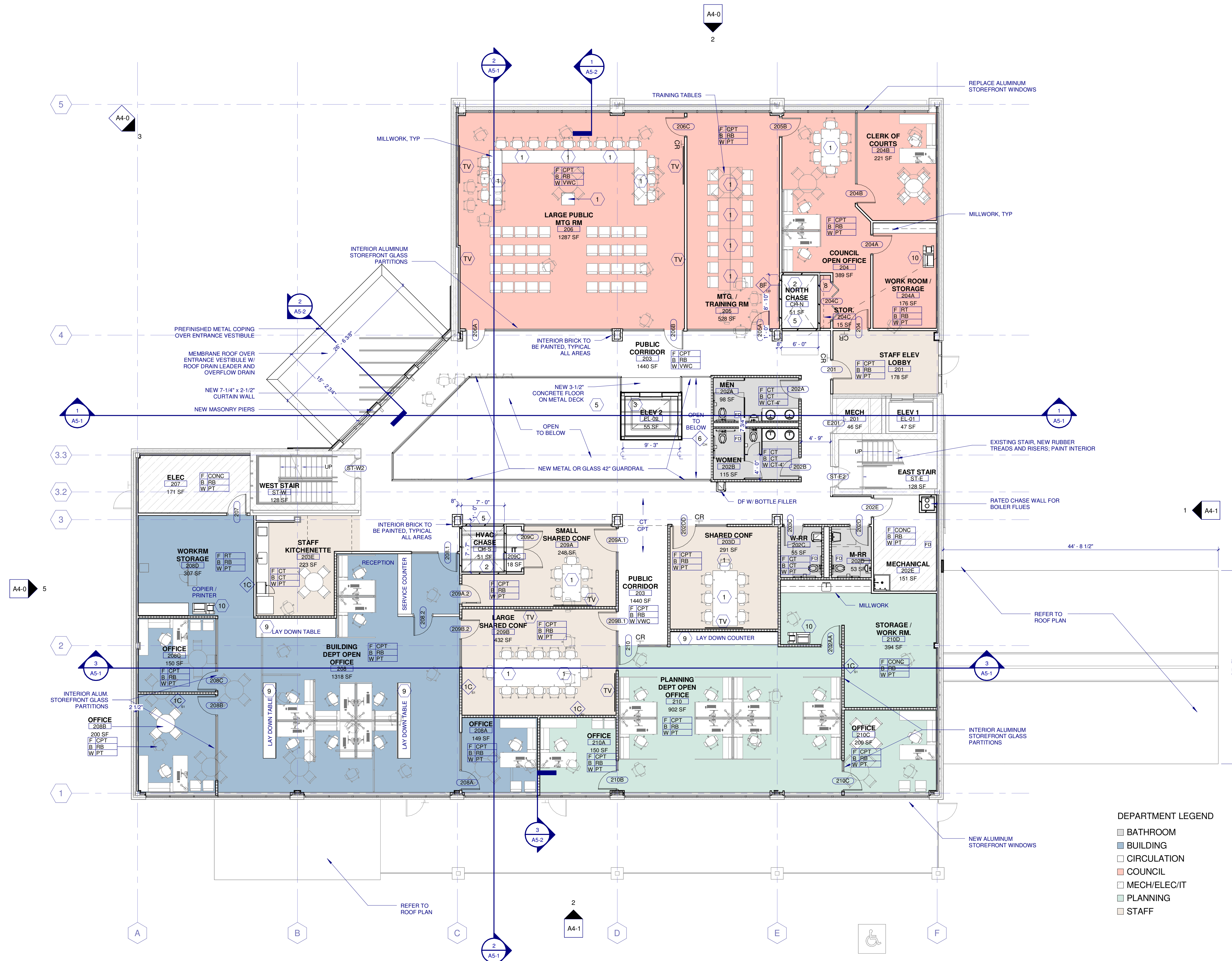
BATHROOM		
202A	MEN	96 SF
202B	WOMEN	115 SF
202C	W-LR	52 SF
202D	M-RR	53 SF
		322 SF
BUILDING		
20B	BUILDING DEPT OPEN OFFICE	1318 SF
20BA	OFFICE	148 SF
20BB	OFFICE	200 SF
20BC	OFFICE	150 SF
20BD	WORK/IMP STORAGE	367 SF
		2124 SF
CIRCULATION		
203	PUBLIC CORRIDOR	1440 SF
		1440 SF
COUNCIL		
204	COUNCIL OPEN	389 SF
204A	WORK ROOM / STORAGE	176 SF
204B	CLERK OF COURTS	221 SF
204C	STOR.	15 SF
205	MTG / TRAINING RM	526 SF
206	LARGE PUBLIC MTG RM	1287 SF
		2615 SF

MECH/ELEC/IT		
201	MECH	46 SF
202E	MECHANICAL	151 SF
207	ELEC	171 SF
209C	IT	18 SF
CH-N	NORTH CHASE	51 SF
CH-S	HVAC CHASE	51 SF
		487 SF

PLANNING		
210	PLANNING DEPT OPEN OFFICE	902 SF
210A	OFFICE	150 SF
210C	OFFICE	200 SF
210D	STORAGE / WORK RM.	394 SF
		1646 SF

STAFF		
201	STAFF ELEV LOBBY	178 SF
203D	SHARED CONF	291 SF
203E	STAFF KITCHENETTE	223 SF
209A	SMALL SHARED CONF	248 SF
209B	LARGE SHARED CONF	432 SF
		1372 SF

- ☐ BATHROOM
- ☐ BUILDING
- ☐ CIRCULATION
- ☐ COUNCIL
- ☐ MECH/ELEC/IT
- ☐ PLANNING
- ☐ STAFF



1 LEVEL 2 PLAN
SCALE: 1/8" = 1'-0"

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NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET

- DEPARTMENT LEGEND
- ADMINISTRATION
 - BATHROOM
 - CIRCULATION
 - FINANCE
 - IT
 - MECH/ELEC/IT
 - STAFF
 - STAFF BATHROOM
 - STORAGE
 - UTILITY

2 LEVEL 3_PLAN
SCALE: 1/8" = 1'-0"

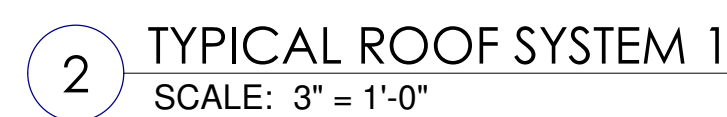




PROJECT NO.	24012.001
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A2-R

NO. 2025



ROOF AREA: 12,100 SF

ROOF EDGE LENGTH: 378'-8 1/2"

EXISTING ROOF R VALUE:10
PROPOSED ROOF R VALUE: 26

 ROOF DRAIN
 SLOPE DIRECTION (DOWN)

 OVERFLOW ROOF DRAIN
 WALKWAY PADS

 TAPERED INSULATION
 FANS (HVAC)

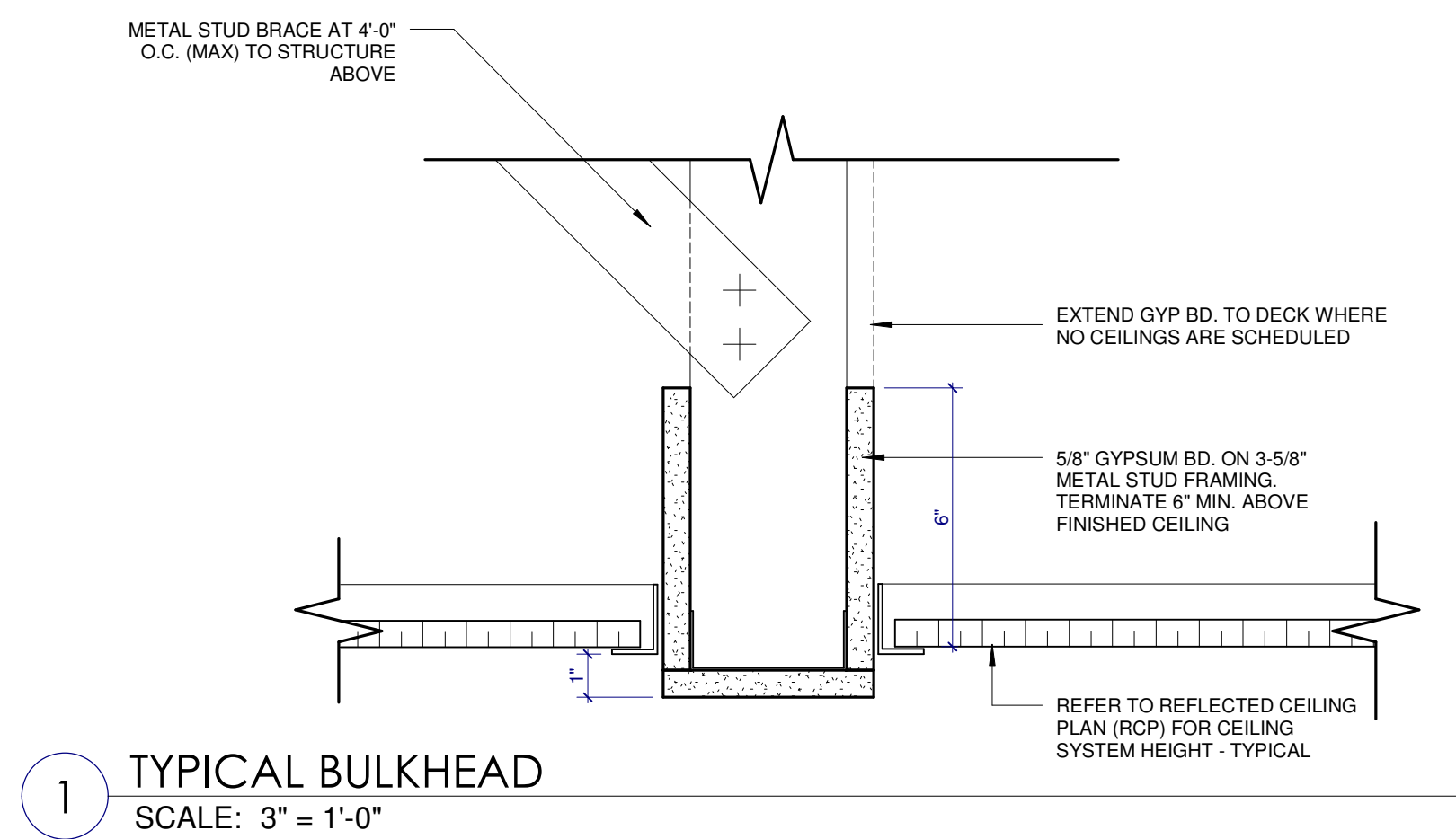
 ROOF HATCH



PROJECT NO. 24012.001

A3

NO. 2025



1. REFER TO ELECTRICAL, MECHANICAL, & FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION ABOUT LIGHTS, DIFFUSERS, SPRINKLERS, ETC.
2. CENTER ALL ENGINEER ITEMS IN CEILING TILES UNLESS NOTED OR DIMENSIONED OTHERWISE.
3. ACOUSTICAL PANEL CEILING SYSTEM IS APC-1, TYPICAL UNLESS NOTED OTHERWISE. REFER TO PROJECT MANUAL FOR TYPES.
4. TYPICAL CEILING HEIGHT IS TO MATCH EXISTING, UNLESS NOTED OTHERWISE.
5. CENTER CEILING GRIDS IN ROOMS UNLESS NOTED OR DIMENSIONED OTHERWISE.

	ACOUSTICAL PANEL CEILING		AIR SUPPLY GRILLE
	GYPSUM BOARD CEILING		AIR RETURN / EXHAUST GRILLE
	CEILING HEIGHT CEILING TYPE		LINEAR DIFFUSER
	ACCESS PANEL / ROOF HATCH SIZE IN INCHES		LIGHT FIXTURE
	CURTAIN TRACK		DOWNLIGHT
	FULL TILE		EXIT SIGN

NOTE:
SYMBOLS FOR REFERENCE
CONFIRM FIELD MOUNTED FIXTURE
LOCATION ON DRAWING

NOTE:
SYMBOLS FOR REFERENCE.
CONFIRM CEILING MOUNTED FIXTURES
W/ MEP DRAWINGS AS REQ'D.

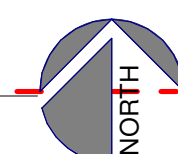


480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

PROJECT NO.	24012.001
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A3-0

NO. 2025



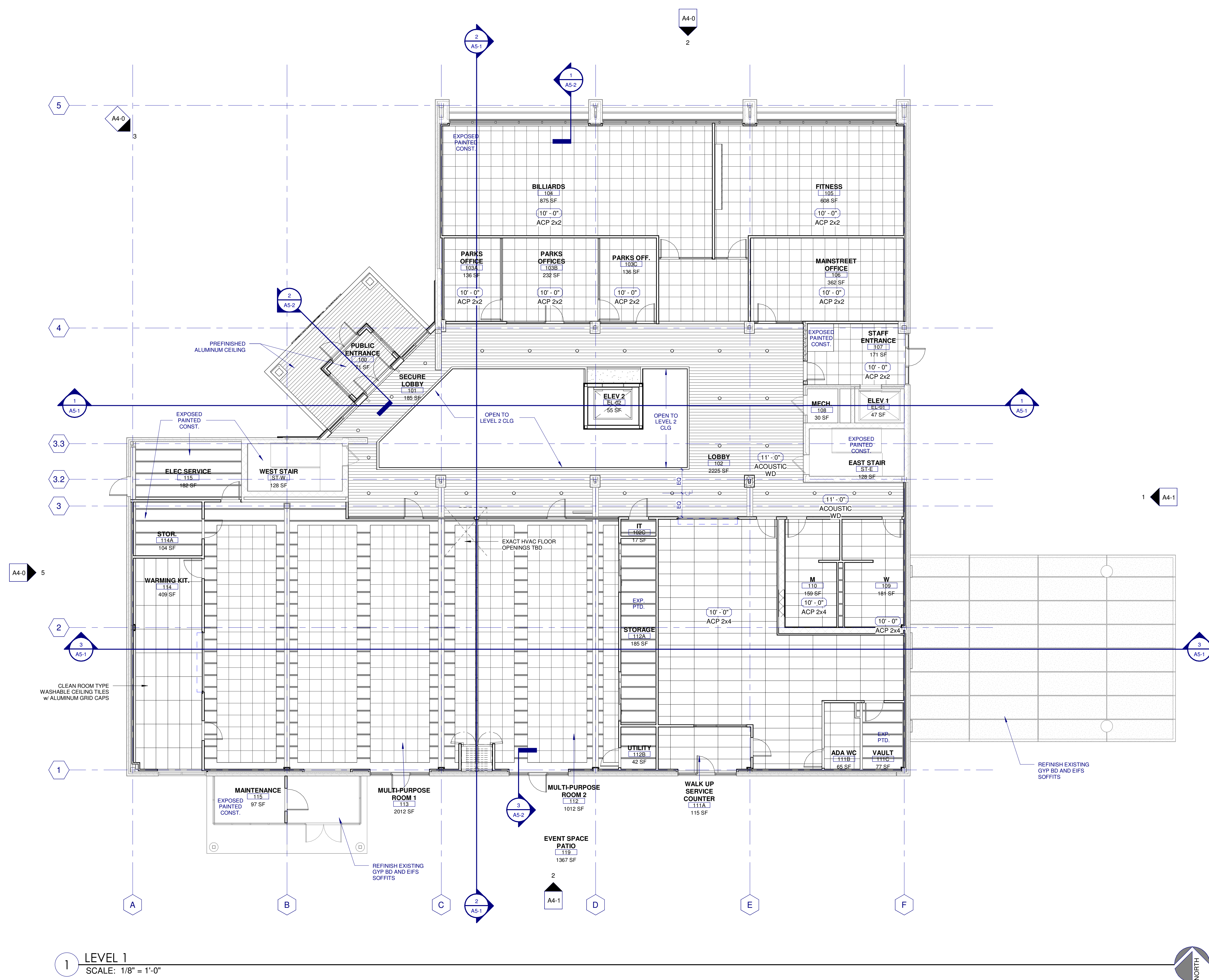
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A3-1

NO. 2025

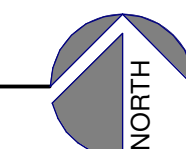




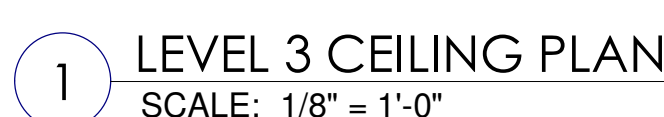
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A3-2

NO. 2025



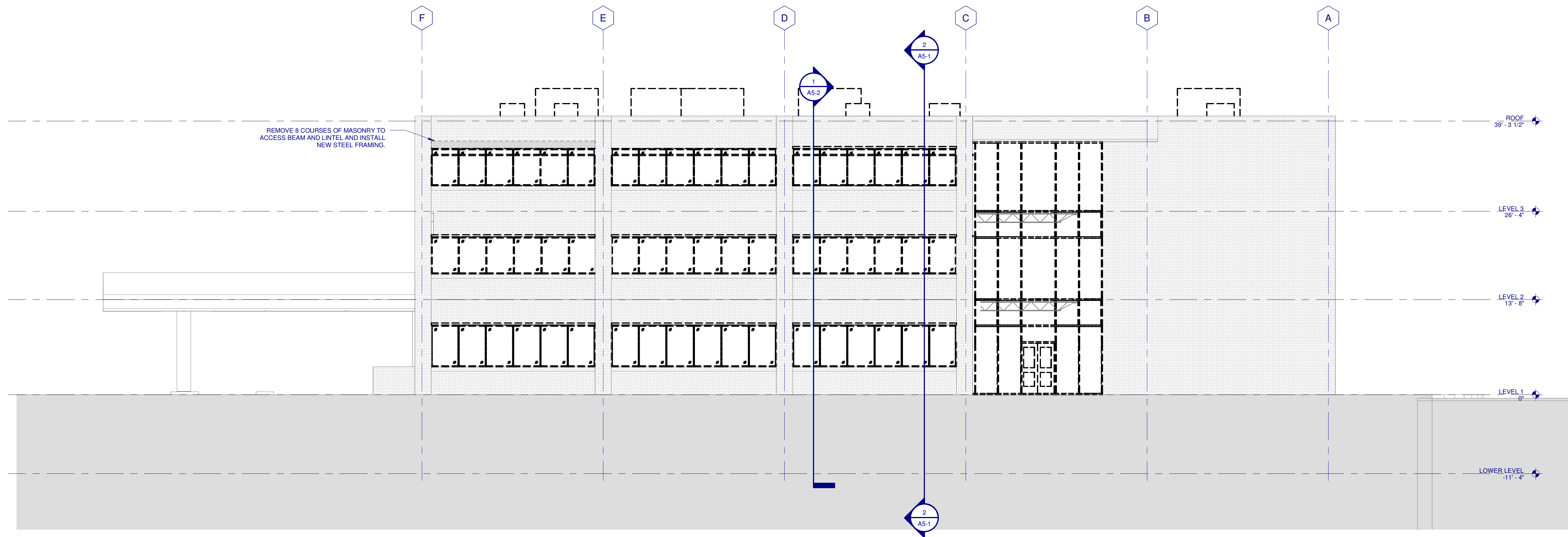
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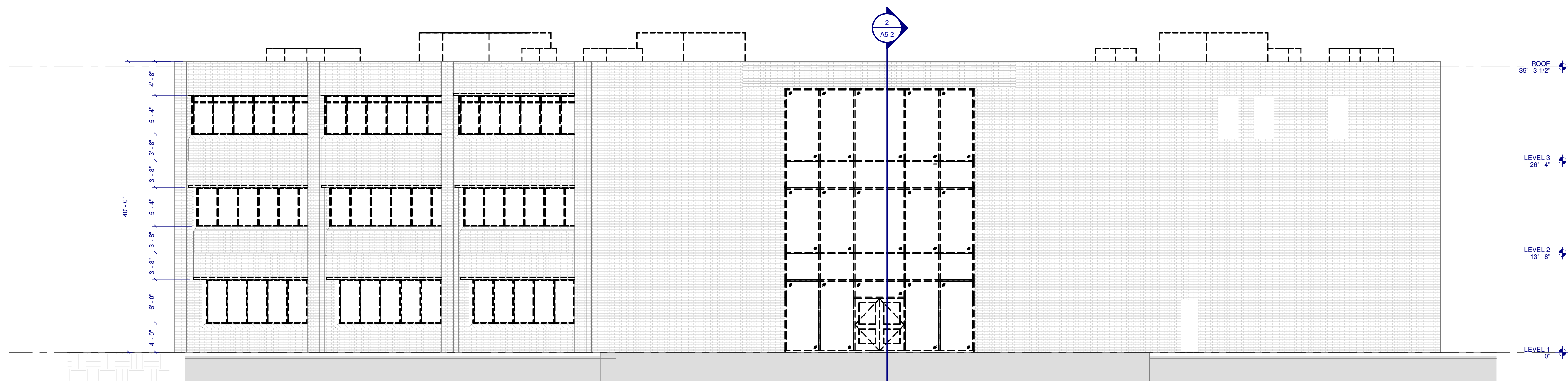
	ACOUSTIC PANEL CEILING		AIR SUPPLY GRILLE
	OPILUM BOARD CEILING		AIR RETURN / DOWNBLAST GRILLE
	CEILING HEIGHT CEILING TYPE		LIGHT FIXTURE
	ACCESS PANEL / FLOOR HATCH		DOWNLIGHT
	SIZES IN INCHES		SURFACE MOUNTED OR SUSPENDED LIGHT FIXTURE
	CURTAIN TRACK		EXIT DOOR
	FULL TILE		INSTANT PANEL
	SPRINKLER		LINEAR DIFFUSER
	SPROCKET		SPRINKLER HEAD
	SMOKE DETECTOR		

CODED NOTES

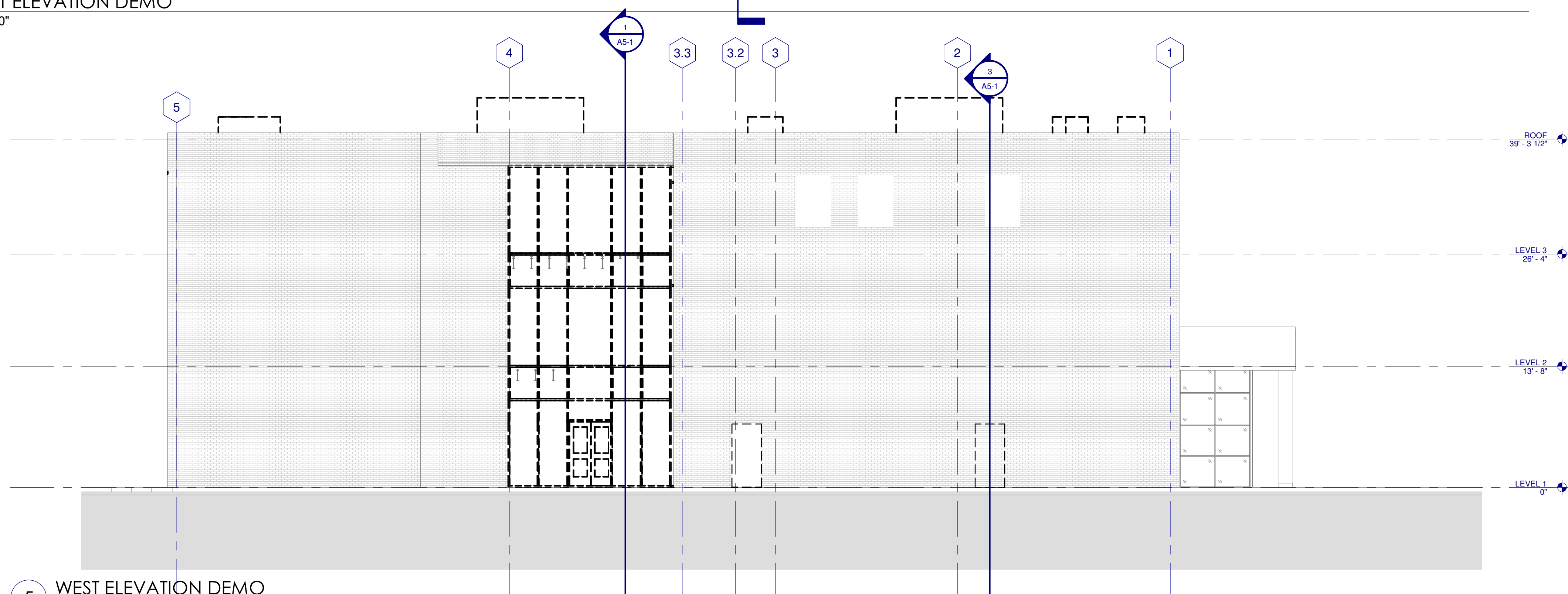
NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET



2 NORTH ELEVATION DEMO
SCALE: 1/8" = 1'-0"



3 NORTH WEST ELEVATION DEMO
SCALE: 1/8" = 1'-0"



5 WEST ELEVATION DEMO
SCALE: 1/8" = 1'-0"

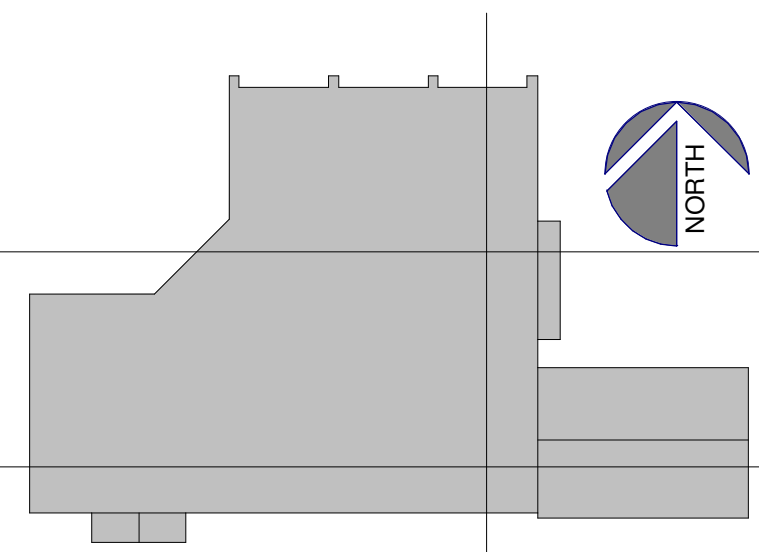
GENERAL NOTES

1. REFER TO PROJECT MANUAL FOR SPECIFIC INFORMATION RELATED TO EXTERIOR VISION GLAZING, SPANDREL GLAZING, AND TEMPERED GLAZING.
2. REFER TO FLOOR PLANS AND WALL SECTIONS FOR ADDITIONAL INFORMATION RELATED TO EXTERIOR FRAME TYPES SHOWN HERE. INTERIOR FRAME TYPES ARE IDENTIFIED IN THE A7 SERIES.
3. PROVIDE SPANDREL INSULATION AT ALL LOCATIONS OF SPANDREL GLAZING. PROVIDE BACKPANS AT ALL LOCATIONS WHERE INTERIOR FINISHES ARE NOT IDENTIFIED TO CONCEAL INSULATION. BACKPAN COLOR TO MATCH FRAME FINISH UNO.
4. REFER TO DOOR SCHEDULE (A8 SERIES) FOR ADDITIONAL INFORMATION RELATED EXTERIOR DOORS SHOWN HERE.
5. COORDINATE ALL THROUGH-WALL PENETRATIONS WITH MEP DRAWINGS.

LEGEND

- EXTERIOR VISION GLAZING (IG-1 UNO)
- EXTERIOR SPANDREL GLAZING (IG-2 UNO)
- FACE BRICK - TYPE 1 (FIELD)
- FACE BRICK - TYPE 2 (ACCENT)
- FACE BRICK - MONARCH
- FACE BRICK - MONARCH (ACCENT)
- CMU - TYPE 1
- CMU - TYPE 2
- EIFS
- METAL COMPOSITE MATERIAL WALL PANELS
- FRAME TYPE TAG
 - TYPE & SIZE (EXAMPLE: CURTAIN WALL 7')
 - TYPE DESIGNATION (IF APPLICABLE)

KEYPLAN



CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

Barberton
OHIO

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DATE: 07/09/2025

ISSUE / REVISION	DATE

PROJECT NO. 24012.001

EXTERIOR
ELEVATIONS DEMO

A4-0

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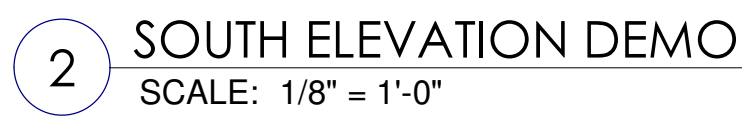
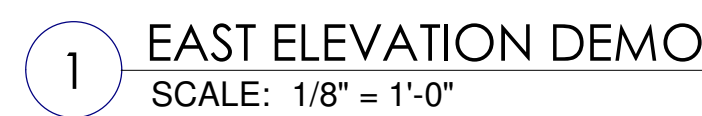
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NOT FOR CONSTRUCTION
DATE: 07/30/2025

EXTERIOR ELEVATIONS DEMO

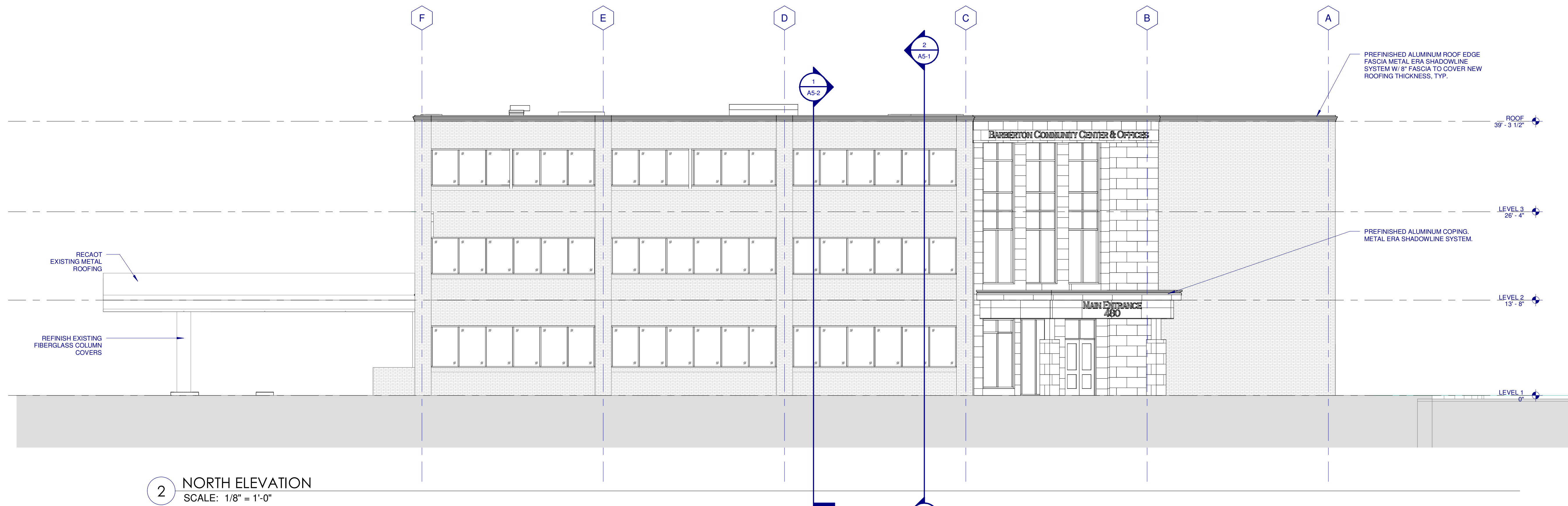
NO. 2025

1. REFER TO PROJECT MANUAL FOR SPECIFIC INFORMATION RELATED TO EXTERIOR VISUAL GLAZING, SPANDREL GLAZING, AND TEMPERED GLAZING.
2. REFER TO FLOOR PLANS AND WALL SECTIONS FOR ADDITIONAL INFORMATION RELATED TO EXTERIOR FRAME TYPES SHOWN HERE. INTERIOR FRAME TYPES ARE IDENTIFIED IN THE A7 SERIES.
3. PROVIDE SPANDREL INSULATION AT ALL LOCATIONS OF SPANDREL GLAZING. PROVIDE BACKPANS AT ALL LOCATIONS WHERE INTERIOR FINISHES ARE NOT IDENTICAL TO CONCEAL INSULATION. BACKPAN COLOR TO MATCH FRAME FINISH UNO.
4. REFER TO DOOR SCHEDULE (A8 SERIES) FOR ADDITIONAL INFORMATION RELATED EXTERIOR DOORS SHOWN HERE.
5. COORDINATE ALL THROUGH-WALL PENETRATIONS WITH MEP DRAWINGS.

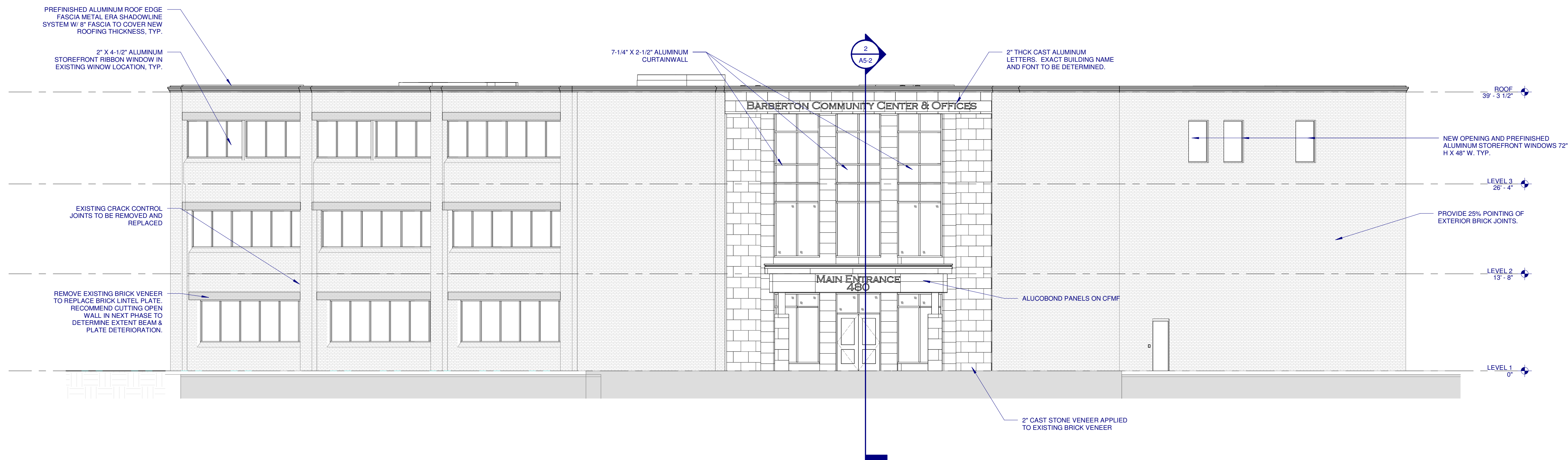
	EXTERIOR VISION GLAZING (IG-1 UNC)
	EXTERIOR SPANDREL GLAZING (IG-2 UNC)
	FACE BRICK - TYPE 1 (FIELD)
	FACE BRICK - TYPE 2 (ACCENT)
	FACE BRICK - MONARCH
	FACE BRICK - MONARCH (ACCENT)
	CMU - TYPE 1
	CMU - TYPE 2
	EIFS
	METAL COMPOSITE MATERIAL WALL PANELS
FRAME TYPE TAG	
	TYPE & SIZE (EXAMPLE: CURTAIN WALL 7") TYPE DESIGNATION (IF APPLICABLE)



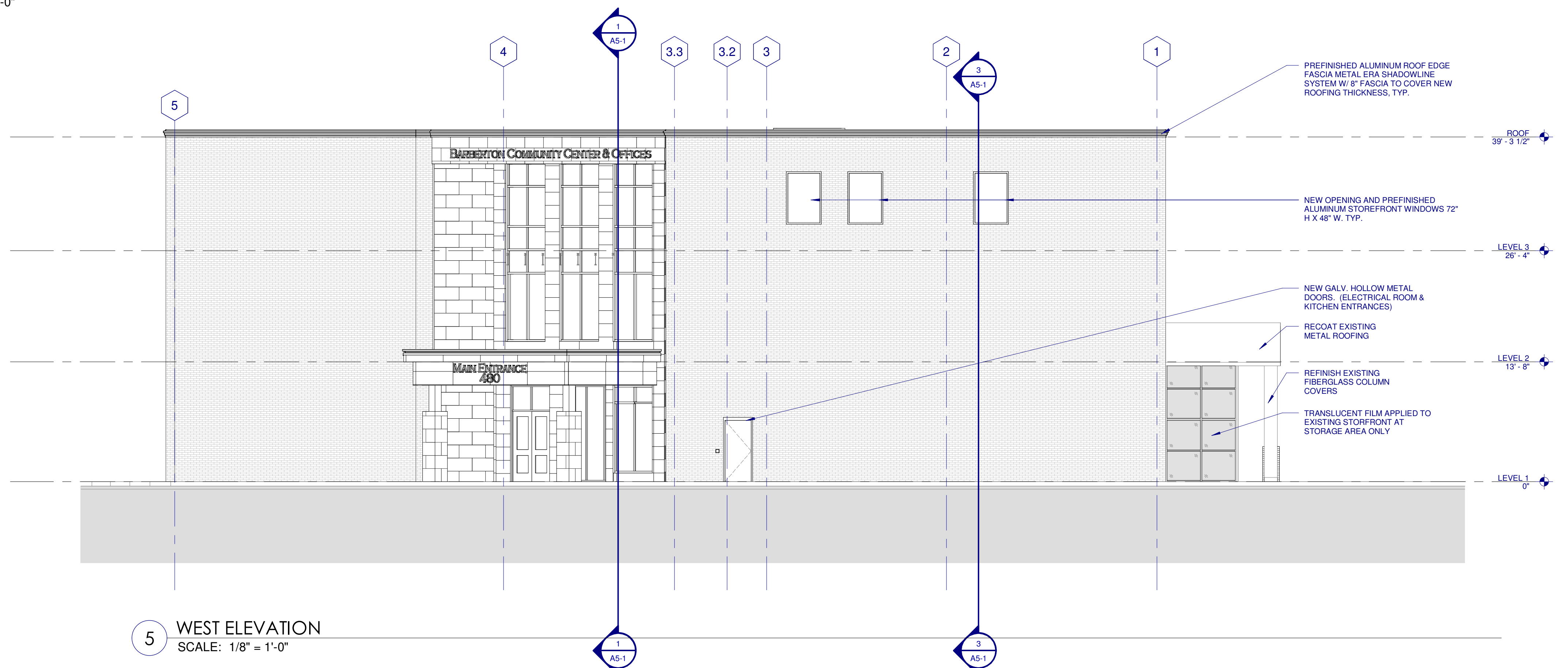
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2 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



3 NORTH WEST ELEVATION
SCALE: 1/8" = 1'-0"



5 WEST ELEVATION
SCALE: 1/8" = 1'-0"

CODED NOTES

NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET

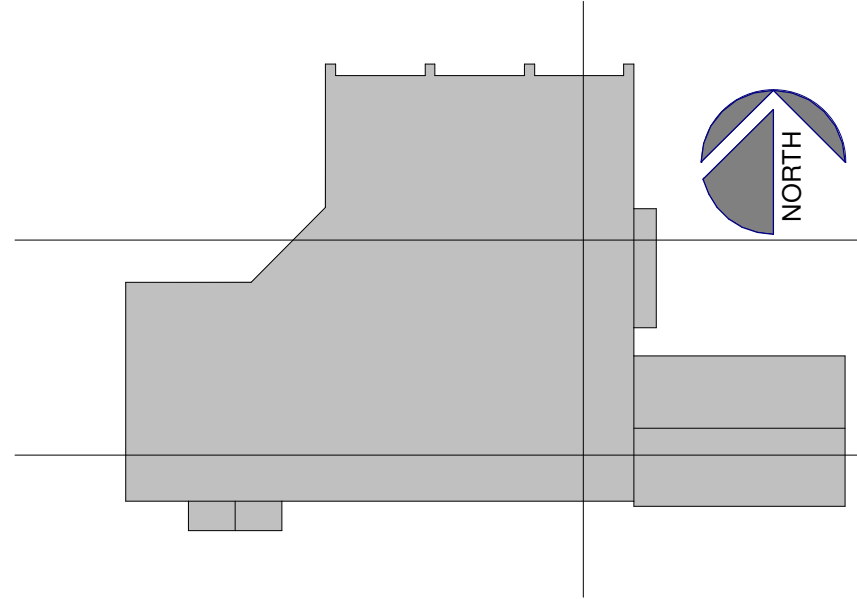
GENERAL NOTES

- REFER TO PROJECT MANUAL FOR SPECIFIC INFORMATION RELATED TO EXTERIOR VISION GLAZING, SPANDREL GLAZING, AND TEMPERED GLAZING.
- REFER TO FLOOR PLANS AND WALL SECTIONS FOR ADDITIONAL INFORMATION RELATED TO EXTERIOR FRAME TYPES SHOWN HERE. INTERIOR FRAME TYPES ARE IDENTIFIED IN THE A7 SERIES.
- PROVIDE SPANDREL INSULATION AT ALL LOCATIONS OF SPANDREL GLAZING. PROVIDE BACKPANS AT ALL LOCATIONS WHERE INTERIOR FINISHES ARE NOT IDENTIFIED TO CONCEAL INSULATION. BACKPAN COLOR TO MATCH FRAME FINISH UNO.
- REFER TO DOOR SCHEDULE (A8 SERIES) FOR ADDITIONAL INFORMATION RELATED EXTERIOR DOORS SHOWN HERE.
- COORDINATE ALL THROUGH-WALL PENETRATIONS WITH MEP DRAWINGS.

LEGEND

	EXTERIOR VISION GLAZING (IG-1 UNO)
	EXTERIOR SPANDREL GLAZING (IG-2 UNO)
	FACE BRICK - TYPE 1 (FIELD)
	FACE BRICK - TYPE 2 (ACCENT)
	FACE BRICK - MONARCH
	FACE BRICK - MONARCH (ACCENT)
	CMU - TYPE 1
	CMU - TYPE 2
	EIFS
	METAL COMPOSITE MATERIAL WALL PANELS
	FRAME TYPE TAG
	TYPE & SIZE (EXAMPLE: CURTAIN WALL 7')
	TYPE DESIGNATION (IF APPLICABLE)

KEYPLAN



CITY OF BARBERTON CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

Barberton
OHIO

PRELIMINARY
NOT FOR CONSTRUCTION
DATE: 07/30/2025

ISSUE / REVISION	DATE
A SCHEMATIC DESIGN	07-30-2025

PROJECT NO. 24012.001

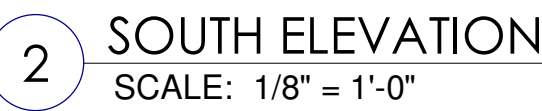
EXTERIOR
ELEVATIONS

A4-2

NO. © 2025

1. REFER TO PROJECT MANUAL FOR SPECIFIC INFORMATION RELATED TO EXTERIOR VISION GLAZING, SPANDREL GLAZING, AND TEMPERED GLAZING.
2. REFER TO FLOOR PLANS AND WALL SECTIONS FOR ADDITIONAL INFORMATION RELATED TO EXTERIOR FRAME TYPES SHOWN HERE. INTERIOR FRAME TYPES ARE IDENTIFIED IN THE A7 SERIES.
3. PROVIDE SPANDREL INSULATION AT ALL LOCATIONS OF SPANDREL GLAZING. PROVIDE BACKPANS AT ALL LOCATIONS WHERE INTERIOR FINISHES ARE NOT IDENTIFIED TO CONCEAL INSULATION. BACKPAN COLOR TO MATCH FRAME FINISH UNO.
4. REFER TO DOOR SCHEDULE (A8 SERIES) FOR ADDITIONAL INFORMATION RELATED EXTERIOR DOORS SHOWN HERE.
5. COORDINATE ALL THROUGH-WALL PENETRATIONS WITH MEP DRAWINGS.

	EXTERIOR VISION GLAZING (IG-1 UNO)
	EXTERIOR SPANDEL GLAZING (IG-2 UNO)
	FACE BRICK - TYPE 1 (FIELD)
	FACE BRICK - TYPE 2 (ACCENT)
	FACE BRICK - MONARCH
	FACE BRICK - MONARCH (ACCENT)
	CMU - TYPE 1
	CMU - TYPE 2
	EIFS
	METAL COMPOSITE MATERIAL WALL PANEL
FRAME TYPE TAG	
	TYPE & SIZE (EXAMPLE: CURTAIN WALL 7' TYPE DESIGNATION (IF APPLICABLE))



CITY OF BARBERTON

CITY HALL RENOVATION

City of
Barberton
Ohio

PRELIMINARY
NOT FOR CONSTRUCTION
DATE: 07/30/2025

[illegible]

PROJECT NO. 24012.001

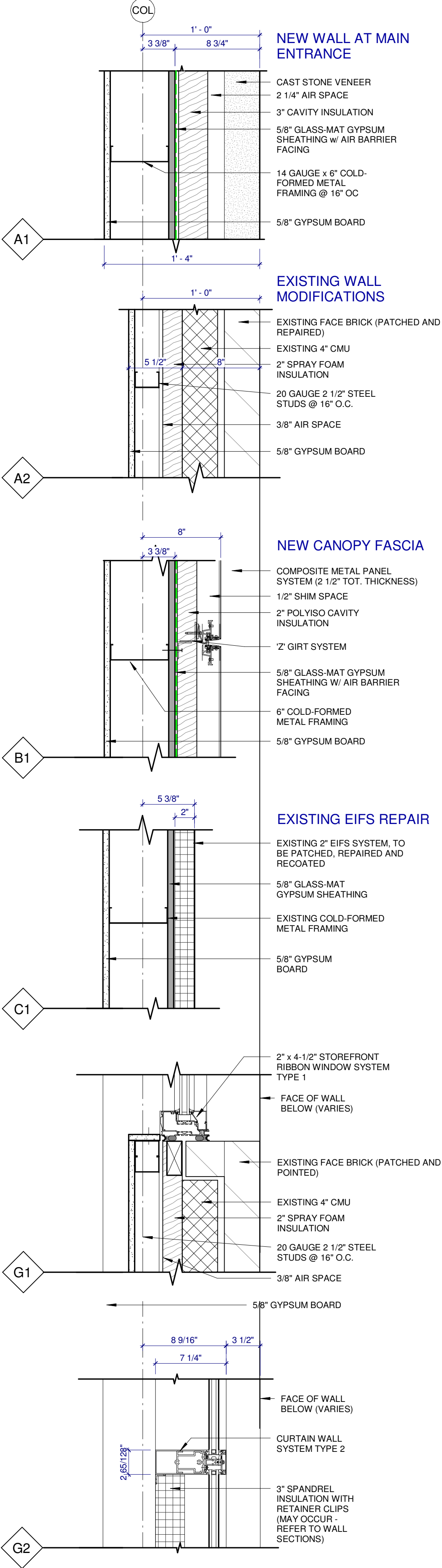
BUILDING CTIONS

5-1

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1. REFER TO EXTERIOR WALL TYPES LEGEND BELOW FOR TYPICAL WALL CONSTRUCTION INFORMATION. HORIZONTAL EXTENTS OF EXTERIOR WALL CONSTRUCTION ARE INDICATED ON FLOOR PLAN. NOT EVERY WALL TYPE MAY BE USED.
2. BRICK COURSING STARTS AT THE FINISH ELEVATION OF THE GROUND FLOOR UNLESS NOTED OTHERWISE.
3. CURTAINWALL / STOREFRONT ILLUSTRATED IN EXTERIOR WALL TYPES BELOW REPRESENTS THE BASE SYSTEM SPECIFIED. REFER TO EXTERIOR ELEVATIONS FOR BUTT GLAZED EXTERIOR JOINTS, EXTENDED MULLION CAPS, MULLIONS WITH ATYPICAL FACE DIMENSIONS AND OTHER INFORMATION.
4. REFER TO A5-0 THROUGH A5-2 FOR TYPICAL EXTERIOR WALL DETAILS. DETAILS LARGELY IDENTICAL TO INTERIOR WALL DRAWINGS APPLY TO SITUATIONS WHERE THEY ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT DETAILS ARE REFERENCED AT EACH LOCATION.

WALL INFORMATION IS SHOWN IN PLAN VIEW



PRELIMINARY
NOT FOR CONSTRUCTION
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WALL SECTIONS

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1. REFER TO EXTERIOR WALL TYPES LEGEND BELOW FOR TYPICAL WALL CONSTRUCTION INFORMATION. HORIZONTAL EXTENTS OF EXTERIOR WALL CONSTRUCTION ARE INDICATED ON FLOOR PLAN. NOT EVERY WALL TYPE MAY BE USED.
2. BRICK COURSEING STARTS AT THE FINISH ELEVATION OF THE GROUND FLOOR UNLESS NOTED OTHERWISE.
3. CURTAINWALL / STOREFRONT ILLUSTRATED IN EXTERIOR WALL TYPE BELOW REPRESENTS THE BASE SYSTEM SPECIFIED. REFER TO EXTERIOR ELEVATIONS FOR BUTT GLAZED EXTERIOR JOINTS, EXTENDED MULLION CAPS, MULLIONS WITH ATYPICAL FACE DIMENSIONS AND OTHER INFORMATION.
4. REFER TO A5-0 THROUGH A5-2 FOR TYPICAL EXTERIOR WALL DETAILS. DETAILS LABELED "TYPICAL DETAILS" ON DRAWINGS APPLY TO SITUATIONS OCCURRING THAT ARE THE SAME OR SIMILAR TO THE SPECIFICALLY LABELED. SUCH DETAILS APPLY WHETHER OR NOT DETAILS ARE REFERENCED AT EACH LOCATION.

** WALL INFORMATION IS SHOWN IN PLAN VIEW **



[illegible]

EXTERIOR DETAILS

A5-3

JAMB - SIDELITE

JAMB - GYP. BD. PARTITION

HEAD - GYP. BD. PARTITION

Diagram illustrating the components of a door opening height measurement:

- DOOR & DOOR FINISH VARIES - REFER TO DOOR SCHEDULE
- DOOR FRAME BEYOND
- BOTTOM OF FRAME
- FLOOR FINISH
- FLOOR SUBSTRATE
- FLOOR CLEARANCE UNDERCUT
- ACTUAL DOOR HEIGHT

The image contains two technical drawings of window and partition details.

JAMB - SIDELITE: This drawing shows a cross-section of a window jamb and sidelite assembly. It features a "GLAZING" unit within a "HOLLOW METAL DOOR/WINDOW FRAME". A "DOOR" is shown at the bottom. Dimensions include a total width of 1'8 1/8" and 5'7 7/8".

JAMB - GYP. BD. PARTITION: This drawing shows a cross-section of a partition wall assembly. It includes a "DOOR" at the bottom, "WALL ANCHOR", and "DOUBLE STUDS AT JAMB - TYPICAL". "SOUND INSULATION MAY OCCUR" is noted. Dimensions include a total width of 1'2" and 1'15/16". A note states "VARIES REFER TO PARTITION TYPE".

From Room: Level		To Room: Name	To Room: Number	From Room: Name	From Room: Number	NO.	DOOR OPENING		DOOR PANEL INFORMATION				FRAME		FIRE LABEL	HARDWARE SET #	DETAILS	REMARKS
							MAJOR LEAF TYPE	WIDTH	MINOR LEAF TYPE	WIDTH	MATERIAL	TYPE	MATERIAL					
LOWER LEVEL	STAFF LOBBY	001				001A	3'-0"	7'-0"										
LOWER LEVEL	STAFF LOBBY	001		MECH	001B	001B	3'-0"	7'-0"										
LOWER LEVEL	CORRIDOR	002		CORRIDOR	002	002C	3'-0"	7'-0"										
LOWER LEVEL	CORRIDOR	002		ELEV PIT	002C	002C	3'-0"	6'-0"							90			
LOWER LEVEL	DOCUMENT STORAGE / SCANNING	003		STAFF LOBBY	001	001	3'-0"	6'-0"										
LOWER LEVEL	WHITEBOX STORAGE	004		CORRIDOR	002	0030	3'-0"	7'-0"										
LOWER LEVEL	BLDG MANT	005		CORRIDOR	001	005	3'-0"	6'-0"										
LOWER LEVEL	CORRIDOR	002		WHITEBOX STORAGE	009	009	3'-0"	7'-0"										
LOWER LEVEL	WHITEBOX	010		CORRIDOR	002	010	3'-0"	7'-0"										
LOWER LEVEL	WHITEBOX STORAGE	010A		WHITEBOX	010	010A	3'-0"	7'-0"										
LOWER LEVEL	MECH	010B		WHITEBOX	010	010B	3'-0"	7'-0"										
LOWER LEVEL	WHITEBOX STORAGE	011		CORRIDOR	002	011	3'-0"	7'-0"										
LOWER LEVEL	WHITEBOX STORAGE	011		WHITEBOX STORAGE	012	012	3'-0"	7'-0"										
LEVEL 1	PUBLIC ENTRANCE	100		PUBLIC ENTRANCE	100	100A	6'-0"	8'-0"										
LEVEL 1	SECURE LOBBY	101		SECURE LOBBY	101	100B	6'-0"	8'-0"										
LEVEL 1	SECURE LOBBY	101		LOBBY	102	101A	3'-0"	3'-0"										
LEVEL 1	LOBBY	102		LOBBY	102	101B	3'-0"	3'-0"										
LEVEL 1	LOBBY	102		IT	102C	102C	3'-0"	7'-0"										
LEVEL 1	MANAGER STREET OFFICE	106		LOBBY	102	106	3'-11 1/4"	8'-0"										
LEVEL 1	STAFF ENTRANCE	107		LOBBY	107	107.1	3'-0"	7'-6 3/4"										
LEVEL 1	LOBBY	102		STAFF ENTRANCE	107	107.2	3'-0"	7'-0"										
LEVEL 1	LOBBY	102		W	109	109	3'-0"	7'-0"										
LEVEL 1	M	110		LOBBY	102	110	3'-0"	7'-0"										
LEVEL 1	SERVICE STAFF	111		SERVICE	102	110A	10'-0"	6'-0"		(COORD W/ DOOR TYPE LEGEND)	10'-0"		SSTL	FX	STL		COILING DOOR	
LEVEL 1	LOBBY	102		SERVICE STAFF	111	111	11-1	3'-0"	7'-0"									
LEVEL 1	WALK UP SERVICE COUNTER	111A		EVENT SPACE PATIO	119	111A.1	3'-0"	6'-11 1/4"										
LEVEL 1	SERVICE STAFF	111		WALK UP SERVICE COUNTER	111A	111A.2	3'-0"	7'-0"										
LEVEL 1	SERVICE STAFF	111		ADA WC	111B	111B	3'-0"	7'-0"										
LEVEL 1	WULC	111C		SERVICE STAFF	111	111C	3'-0"	7'-0"										
LEVEL 1	LOBBY	102		BILLARDS	104	111D	3'-11 1/4"	8'-0"										
LEVEL 1	LOBBY	102		MULTI-PURPOSE ROOM 2	112	112.1	3'-0 3/8"	8'-0"										
LEVEL 1	MULTI-PURPOSE ROOM 2	112		EVENT SPACE PATIO	119	112.2	2'-0"	6'-11 1/2"										
LEVEL 1	EVENT SPACE PATIO	119		MULTI-PURPOSE ROOM 1	113	112.2	3'-0"	6'-11 1/2"										
LEVEL 1	MULTI-PURPOSE ROOM 2	112		STORAGE	112A	112A.1	6'-0"	7'-0"		(COORD W/ DOOR TYPE LEGEND)	2'-9"		WOOD	F1	HM	0	BIFOLDING DOOR	
LEVEL 1	MULTI-PURPOSE ROOM 2	112		STORAGE	112A	1												

DOOR APPLICATION:	GLAZING TYPE:
NO FIRE LABEL	1/4" CLEAR FULLY TEMPERED, U.N.O.
20 MIN. FIRE LABEL	FIRE-PROTECTION RATED (TEMPERED SAFETY), 20 MIN., U.N.O.
45, 60 OR 90 MIN. FIRE LABEL	FIRE PROTECTION RATED (LAMINATED CERAMIC), MATCH DOOR RATING, U.N.O.
GREATER THAN 90 MIN. FIRE LABEL	FIRE-PROTECTION RATED: NOT PERMITTED
1. REFER TO EXTERIOR FRAME TYPE SHEET FOR GLAZING TYPES IN EXTERIOR WALLS.	

The diagram illustrates two methods for installing a door frame into a masonry wall:

- TYPE F1m (FRAMELESS INSTALLATION):** This method shows a door unit with a vertical mullion. Dimension lines indicate the 'DOOR OPENING WIDTH (SEE DOOR SCHED.)' and 'DOOR OPENING HEIGHT (SEE DOOR SCHED.)'. A vertical arrow points down from the label 'TYPE F1m' to the masonry wall, which is labeled 'IF APPLICABLE m" INDICATES MASONRY HEAD'.
- TYPE F2 (CURTAIN WALL, STOREFRONT, OR MANUFACTURER PROVIDED FRAME):** This method shows a door unit with a full frame. Dimension lines indicate the 'DOOR OPENING WIDTH (SEE DOOR SCHED.)' and 'DOOR OPENING HEIGHT (SEE DOOR SCHED.)'. A horizontal dimension line at the top right indicates a '1" - 6"' gap between the frame and the wall. The label 'TYPE F2' is positioned below the diagram.

1. COILING COUNTER DOOR
2. OVERHEAD COILING DOOR
3. SECTIONAL DOOR
4. SLIDING AUTOMATIC ENTRANCE
5. ICU/CU ENTRANCE
6. INTERIOR ALUMINIUM FRAMED SLIDING DOOR
7. ACCORDION FOLDING DOOR
8. INTEGRAL BLINDS
9. PLASTIC GLAZING
10. LEAD-LINED DOOR AND FRAME

DOOR APPLICATION:	GLAZING TYPE:
NO FIRE LABEL	1/4" CLEAR FULLY TEMPERED, U.N.O.
20 MIN. FIRE LABEL	FIRE-PROTECTION RATED (TEMPERED SAFETY), 20 MIN., U.N.O.
45. FIRE LABEL	FIRE-PROTECTION RATED (LAMINATED CERAMIC), 45 MIN., U.N.O.
GREATER THAN 45 MIN. FIRE LABEL	FIRE-PROTECTION RATED: NOT PERMITTED

1. REFER TO TYPICAL INTERIOR DOOR DETAILS FOR ALL INTERIOR DOOR FRAMES, AND IN DOOR SCHEDULE. TYPICAL INTERIOR DOOR FRAMES ARE REFERRED TO BY FRAME MATERIAL.
2. FOR ALL OTHER EXTERIOR DOOR FRAME DETAILS, REFER TO EXTERIOR FRAME TYPES SHEET (A4 SERIES).
3. REFER TO PROJECT MANUAL FOR DOOR HARDWARE SET INFORMATION.
4. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION ON ACCESS CONTROL SYSTEM AND POWER REQUIREMENTS OF ELECTRIFIED HARDWARE.
5. 'OPENING WIDTH' INDICATED IN DOOR SCHEDULE REFERS TO NOMINAL INSIDE WIDTH OF DOOR FRAME.
6. REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE.
7. INSTALL CONTINUOUS IN-WALL CONCEALED BLOCKING AT HEAD FOR DOORS WITH AUTO OPERATORS.
8. DOOR AUTO OPERATORS TO BE INSTALLED ON SIDE OF DOOR LEAST VISIBLE TO THE PUBLIC.

The diagram illustrates a window frame with the following dimensions and designations:

- HEIGHT:** Indicated by a vertical dimension line on the left, labeled "HEIGHT". Below it, the dimensions "3' - 6'" and "TYP. UNO" are specified.
- WIDTH:** Indicated by a horizontal dimension line at the top, labeled "WIDTH".
- INTERIOR FRAME TAG:** A label pointing to the top edge of the frame.
- TYPE DESIGNATION MARK:** A label pointing to the "HM" mark inside the frame.
- SYSTEM TYPE:** A label pointing to the "HM" mark inside the frame.
- Material and System Details:**
 - HM (HOLLOW METAL)
 - AL (ALUMINUM)
 - SF (STOREFRONT)
- Rating System:** (XX-R INDICATES FIRE RATED SYSTEM)
- TYPE DESIGNATION:**
 - 24" W x 48" H
 - 36" W x 48" H
 - 48" W x 48" H

1. REFER TO FLOOR PLANS FOR LOCATIONS OF INTERIOR FRAME TYPES
2. FOR DETAIL INFORMATION ON EXTERIOR FRAME TYPES, REFER TO A4 SERIES.
3. FOR DETAIL INFORMATION ON INTERIOR FRAME TYPES CONTAINING DOORS, REFER TO DOOR/FRAMES SCHEDULE, DETAILS & PLAN SHEET.

ALL GLAZING IN INTERIOR FRAME TYPES IS 1/4" CLEAR FULLY TEMPERED, UNO.



PLUMBING DRAWING LIST	
SHEET NUMBER	SHEET NAME
P0-1	PLUMBING GENERAL INFORMATION
P1-0	LOWER LEVEL PLUMBING DEMOLITION PLAN
P1-1	LEVEL 1 PLUMBING DEMOLITION PLAN
P1-2	LEVEL 2 PLUMBING DEMOLITION PLAN
P1-3	LEVEL 3 PLUMBING DEMOLITION PLAN
P2-0	LOWER LEVEL PLUMBING PLAN
P2-1	LEVEL 1 PLUMBING PLAN
P2-2	LEVEL 2 PLUMBING PLAN
P2-3	LEVEL 3 PLUMBING PLAN
P2-4	ROOF LEVEL PLUMBING PLAN

GENERAL DRAWING NOTES:

1. MATERIALS ILLUSTRATED WITH LIGHT LINES ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
2. EXISTING CONDITIONS SHOWN ARE BASED ON REVIEW OF REFERENCE DRAWINGS AND GENERAL FIELD VIEW. NOTIFY ENGINEER IF FIELD CONDITIONS DIFFER FROM DRAWINGS. ENGINEER IS RESPONSIBLE FOR THE ORDER OF MEASURING AND COORDINATING DIMENSIONS FOR TIE-IN AND INSTALLATION OF ALL NEW EQUIPMENT, DUCTWORK, PIPING AND OTHER MATERIALS PRIOR TO FABRICATION.
3. MATERIALS ILLUSTRATED WITH DARK DASHED LINES SHALL BE REMOVED. THE OWNER SHALL HAVE THE RIGHT TO RETAIN ANY MATERIALS ILLUSTRATED TO BE REMOVED. IF REQUESTED BY THE OWNER, THE CONTRACTOR SHALL REMOVE MATERIALS AND RELOCATE THEM TO THE OWNER'S SPECIFIED LOCATION OF STORAGE. MATERIALS TO BE REMOVED SHALL BE PROPERLY IDENTIFIED, STORED AND PROTECTED DURING CONSTRUCTION BY THE CONTRACTOR UNLESS NOTED OTHERWISE. REMOVE ALL MATERIALS ASSOCIATED WITH EQUIPMENT AND MATERIALS INCLUDING PIPING, HANGERS, SUPPORTS, POWER, CONTROLS, INSULATION, ETC.
4. MATERIALS ILLUSTRATED WITH DARK LINES ARE NEW.
5. DO NOT INSTALL ANY MATERIALS IN A LOCATION THAT HINDERS MAINTENANCE ACCESS TO ANY MATERIAL THAT REQUIRES SERVICE OR MAINTENANCE.
6. THIS CONTRACTOR SHALL REMOVE AND RE-INSTALL EXISTING CEILING SYSTEMS WITH MINOR REPAIRS TO REMAIN. PRIOR TO REMOVAL OF CEILINGS, CONTRACTOR SHALL PHOTOGRAPH CONDITION OF EXISTING CEILINGS AND SUBMIT PHOTO DOCUMENTATION TO OWNER AND ENCLOSE WITH CEILING REMOVAL AND REINSTALLATION WORK SHALL BE CAREFULLY PERFORMED WITH CLEAN GLOVES TO MAINTAIN CEILING APPEARANCE. CONTRACTOR SHALL REPLACE ALL DAMAGED AND/OR DIRTY CEILING TILES TO MATCH.
7. PATCH AND PAINT WALLS, CEILINGS AND FLOORS TO MATCH EXISTING AS REQUIRED TO ACCOMMODATE WORK.
8. AREAS OF THIS BUILDING ULTIMATELY RETURN AIR FLENUM. ALL MATERIALS SHALL HAVE A MAXIMUM 25 FPM SPREAD AND 50 SMOKE-DEVELOPED INDEX AS TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723. SMOKE SHALL BE PLENUM RATED PER NFPA 70.
9. SHUT-OFF VALVES SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS. COORDINATE WITH OWNER OF ANY SPECIAL REQUIREMENTS FOR VALVE LOCATION. CONTRACTOR IF A VALVE IS REQUIRED TO BE LOCATED ABOVE AN INACCESSIBLE CEILING OR IN A WALL OR CHASE.
10. PROVIDE ESCUTCHEONS FOR ALL PIPING PENETRATIONS OF CEILINGS AND WALLS IN OCCUPIED AREAS.
11. FIRESTOP ALL PENETRATIONS OF RATED CEILINGS WITH APPROPRIATE FIRESTOPPING MATERIAL. REQUIRED MATERIAL ARE INDICATION IN THE SPECIFICATIONS.
12. UNLESS DETAILED OTHERWISE, SYSTEMS SHALL BE ORGANIZED SUCH THAT DUCTWORK MAINS ARE THE HIGHEST LEVEL AND ARE TIGHT TO BUILDING STRUCTURE. HVAC PIPING AND PLUMBING PIPING SHALL BE ROUTED BELOW THE DUCTWORK MAINS, AND FIRE PROTECTION PIPING SHALL BE BELOW ALL.
13. UNLESS NOTED OTHERWISE, ALL NEW PLUMBING UTILITIES TO EXTEND TO 5'-0" ABOVE THE TOP OF THE BUILDING OR PENETRATION BY CIVIL TRADES, PC TO MAKE FINAL CONNECTION TO SITE UTILITIES.

SANITARY SEWER MINIMUM PIPE SLOPES	
PIPE SIZE	SLOPE (PER FOOT)
2-1/2" OR LESS	1/4" (2%)
3" TO 6"	1/8" (1%)

GREASE WASTE MINIMUM PIPE SLOPES	
PIPE SIZE	SLOPE (PER FOOT)
ALL SIZES	1/4" (2%)

PIPE FITTING LEGEND	
SYMBOL	DESCRIPTION
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	CAP
	90° PIPE RISE OR DROP
	90° PIPE CONNECTION OUT OF BOTTOM
	90° PIPE CONNECTION OUT OF TOP
	90° PIPE CONNECTION OUT OF SIDE
	45° PIPE CONNECTION OUT OF SIDE
	PIPING RISER DOWN
	PIPING RISER UP

PIPING SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	MANUAL BALANCING VALVE
	BALL VALVE
	CHECK VALVE
	GATE VALVE
	BUTTERFLY VALVE
	GAS VALVE
	STRAINER WITH FULL SIZE VALVED BLOWDOWN WITH PLUGGED VALVE
	TIE-IN POINT
	PETE'S PLUG
	TEMPERATURE WELL
	PRESSURE GAUGE
	THERMOMETER
	MANUAL AIR VALVE
	GATE VALVE WITH TAMPER SWITCH
	FLOW SWITCH
	REDUCED PRESSURE BACKFLOW PREVENTER
	PIPE GUIDE
	PIPE ANCHOR
	CLEANOUT
	CLEANOUT (AT BASE OF RISER)
	CLEANOUT (FLUSH WITH FLOOR)
	EXPANSION JOINT
	MANUAL DRAIN VALVE WITH HOSE CONNECTION
	DOUBLE CHECK BACKFLOW PREVENTER
	EMERGENCY (OVERFLOW) ROOF DRAIN
	HOSE BIBB
	MIXING VALVE
	ROOF DRAIN
	SANITARY FLOOR DRAIN
	TRAP PRIMER VALVE
	WATER HAMMER ARRESTOR
	WATER METER

PLUMBING ABBREVIATIONS LEGEND	
ABBREVIATION	DESCRIPTION

PLUMBING INSULATION SCHEDULE				
NOTE:				
1. FIBERGLASS INSULATION THICKNESSES ARE BASED ON A CONDUCTIVITY OF 0.23 BTU/IN(WH * FT^2 * F) AT 75F MEAN TEMP.				
2. ELASTOMERIC INSULATION THICKNESSES ARE BASED ON A CONDUCTIVITY OF 0.28 BTU/IN(WH * FT^2 * F) AT 70F MEAN TEMP.				
3. IN AREAS OF THE BUILDING THAT UTILIZE A RETURN AIR PLenum, ALL MATERIALS SHALL HAVE A MINIMUM 25 PLENUM SPREAD AND 50 SWFC DEVELOPED INDEX AS TESTED IN ACCORDANCE WITH ASTM E 94 OR UL 723. WRAPPING SHALL BE PLENUM RATED PER NFPA 70. PVC PIPING NOT ALLOWED IN RETURN AIR CEILING PLENUMS.				
SYSTEM	SIZES	TYPE	THICKNESS	JACKET
DOMESTIC COLD WATER ABOVE GROUND	ALL SIZES	FIBERGLASS	1"	VAPOR RETARDANT ASJ
DOMESTIC HOT AND REIRC WATER ABOVE GROUND	1.5" AND LESS	FIBERGLASS	1"	ASJ
DOMESTIC HOT AND REIRC WATER ABOVE GROUND	1.2" & LARGER	FIBERGLASS	1-1/2"	ASJ
DOMESTIC WATER BELOW GROUND	2" & LARGER	ELASTOMERIC	1/2"	NONE
DOMESTIC WATER BELOW GROUND	2" & SMALLER	ELASTOMERIC	1/2"	NONE
FLOOR DRAIN BODIES WITH A/C CONDENSATE	ALL SIZES	ELASTOMERIC	1/2"	NONE
ROOF DRAIN BODIES	ALL SIZES	FIBERGLASS	1"	ASJ
STORM ABOVE GROUND HORIZONTAL PIPING	ALL SIZES	FIBERGLASS	1"	ASJ
TRAP PRIMER	ALL SIZES	ELASTOMERIC	1/2"	NONE
WATER COOLER TRAPS AND A/C DRAIN PIPING	ALL SIZES	ELASTOMERIC	1/2"	NONE

PLUMBING PIPING SYSTEM SCHEDULE					
NOTE:					
1. WHERE MULTIPLE MATERIALS ARE INDICATED, SELECTION IS INSTALLER'S CHOICE.					
2. ALL OUTDOOR NATURAL GAS PIPING SHALL BE PRIMED AND PAINTED WITH TWO COATS MINIMUM OF WEATHERPROOF EPOXY PAINT. COLOR SHALL BE SELECTED BY ARCHITECT OR OWNER.					
3. IN AREAS OF THE BUILDING THAT UTILIZE A RETURN AIR PLenum, ALL MATERIALS SHALL HAVE A MAXIMUM 25 FLAME SPREAD AND 50 SMOKE-DEVELOPED INDEX AS TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723. WIRING SHALL BE PLenum RATED PER NFPA 70. PVC PIPING NOT ALLOWED IN RETURN AIR CEILING PLENUMS.					
SYSTEM	SIZES	PIPE MATERIAL	FITTING MATERIAL	JOINT TYPE	
DOMESTIC WATER ABOVE GROUND	4" AND SMALLER	TYPE L HARD COPPER	WROUGHT COPPER	SOLDERED	
DOMESTIC WATER BELOW GROUND	2" AND LARGER	TYPE K COPPER	WROUGHT COPPER	SOLDERED	
DOMESTIC WATER BELOW GROUND	2" AND SMALLER	TYPE K HARD COPPER	WROUGHT COPPER	SOLDERED	
NATURAL GAS ABOVE GROUND	2" AND SMALLER	SCH 40 BLACK STEEL	MALLEABLE IRON	THREADED	
NATURAL GAS ABOVE GROUND	2.5" AND LARGER	SCH 40 BLACK STEEL	FACTORY FORMED	WELDED	
NATURAL GAS BELOW GROUND	4" AND SMALLER	PLASTIC, FLEXIBLE AS REQUIRED BY UTILITY	NONE	FUSION WELDED	
STORM, SANITARY DRAIN, WASTE & VENT ABOVE AND BELOW GROUND	ALL SIZES	ASTM D2668 SCH 40 PVC	FACTORY FORMED PVC	PVC, SOLVENT WELDED WITH ASH 1002S CEMENT	
STORM, SANITARY DRAIN, WASTE & VENT ABOVE GROUND	ALL SIZES	CISPI 301 HUBLESS CAST IRON	CAST IRON NO HUB	CAST IRON; NO-HUB COMPRESSION GASKET WITH SS CLAMPS & SHIELD	
STORM, SANITARY DRAIN, WASTE & VENT BELOW GROUND	ALL SIZES	ASTM A74 CAST IRON	CAST IRON WITH COMPRESSION GASKETS	HUB AND SPIGOT	

PLUMBING FIRESTOP SCHEDULE			
NOTE:			
1. FIRESTOP ASSEMBLY TYPE (REQUIRED FIRESTOPPING MATERIALS) SHALL BE DETERMINED BY THE WALL OR FLOOR/CEILING ASSEMBLY AND PENETRATION TYPE AND SHALL BE LISTED AND TESTED IN ACCORDANCE WITH ASTM E814. FIRE RATING OF THE ASSEMBLY SHALL BE EQUIVALENT TO THE WALL OR FLOOR/CEILING ASSEMBLY RATING.			
2. ACCEPTABLE FIRE BARRIER PRODUCTS: HILTI "FS-ONE", NELSON "FLAMESEAL" OR APPROVED EQUAL AS MANUFACTURED BY 3M.			
3. IF REQUESTED, THE CONTRACTOR SHALL SHOW PROOF OF COMPLIANCE BY PROVIDING THE APPROPRIATE UL FIRESTOPPING SYSTEM NUMBER TO THE INSPECTION AUTHORITY HAVING JURISDICTION OR THE ARCHITECT/ENGINEER.			
PENETRATION	RATING	UL SYSTEM	
INSULATED METAL PIPE THROUGH GYPSUM BOARD	1 OR 2 HOUR	HILTI UL #WL5029 OR APPROVED EQUAL	
INSULATED METAL PIPE THROUGH MASONRY	4 HOUR	HILTI UL #WJ5028 OR APPROVED EQUAL	
INSULATED METAL PIPE THROUGH MASONRY/CONCRETE	2 HOUR	HILTI UL #CA1501 OR APPROVED EQUAL	
INSULATED METAL PIPE THROUGH POURED CONCRETE FLOOR SLAB	2 HOUR	HILTI UL #CA1501 OR APPROVED EQUAL	
METAL DUCT WITHOUT FIRE DAMPER THROUGH MASONRY/CONCRETE	1 OR 2 HOUR	HILTI UL #WJ7031 OR #WJ7032 OR APPROVED EQUAL	
METAL DUCT WITHOUT FIRE DAMPER THROUGH GYPSUM BOARD	1 OR 2 HOUR	HILTI UL #WL7040 OR #WL7042 OR APPROVED EQUAL	
METAL DUCT WITHOUT FIRE DAMPER THROUGH MASONRY/CONCRETE	3 HOUR	HILTI UL #CAJ7046 OR APPROVED EQUAL	
METAL PIPE THROUGH GYPSUM BOARD	1 OR 2 HOUR	HILTI UL #WL1054 OR APPROVED EQUAL	
METAL PIPE THROUGH MASONRY/CONCRETE	2 HOUR	HILTI UL #CAJ1251 OR APPROVED EQUAL	
METAL PIPE THROUGH MASONRY/CONCRETE	2 HOUR	HILTI UL #CAJ1155 OR #CAJ1225 OR APPROVED EQUAL	
METAL PIPE THROUGH POURED CONCRETE FLOOR SLAB	2 HOUR	HILTI UL #FA1017 OR APPROVED EQUAL	
PLASTIC PIPE THROUGH GYPSUM BOARD	1 OR 2 HOUR	HILTI UL #WL2078 OR APPROVED EQUAL	
PLASTIC PIPE THROUGH MASONRY/CONCRETE	2 HOUR	HILTI UL #CAJ2271 OR APPROVED EQUAL	
PLASTIC PIPE THROUGH MASONRY/CONCRETE	3 HOUR	HILTI UL #CAJ2109 OR #CAJ2110 OR APPROVED EQUAL	
PLASTIC PIPE THROUGH POURED CONCRETE FLOOR SLAB	3 HOUR	HILTI UL #FA2054 OR APPROVED EQUAL	

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CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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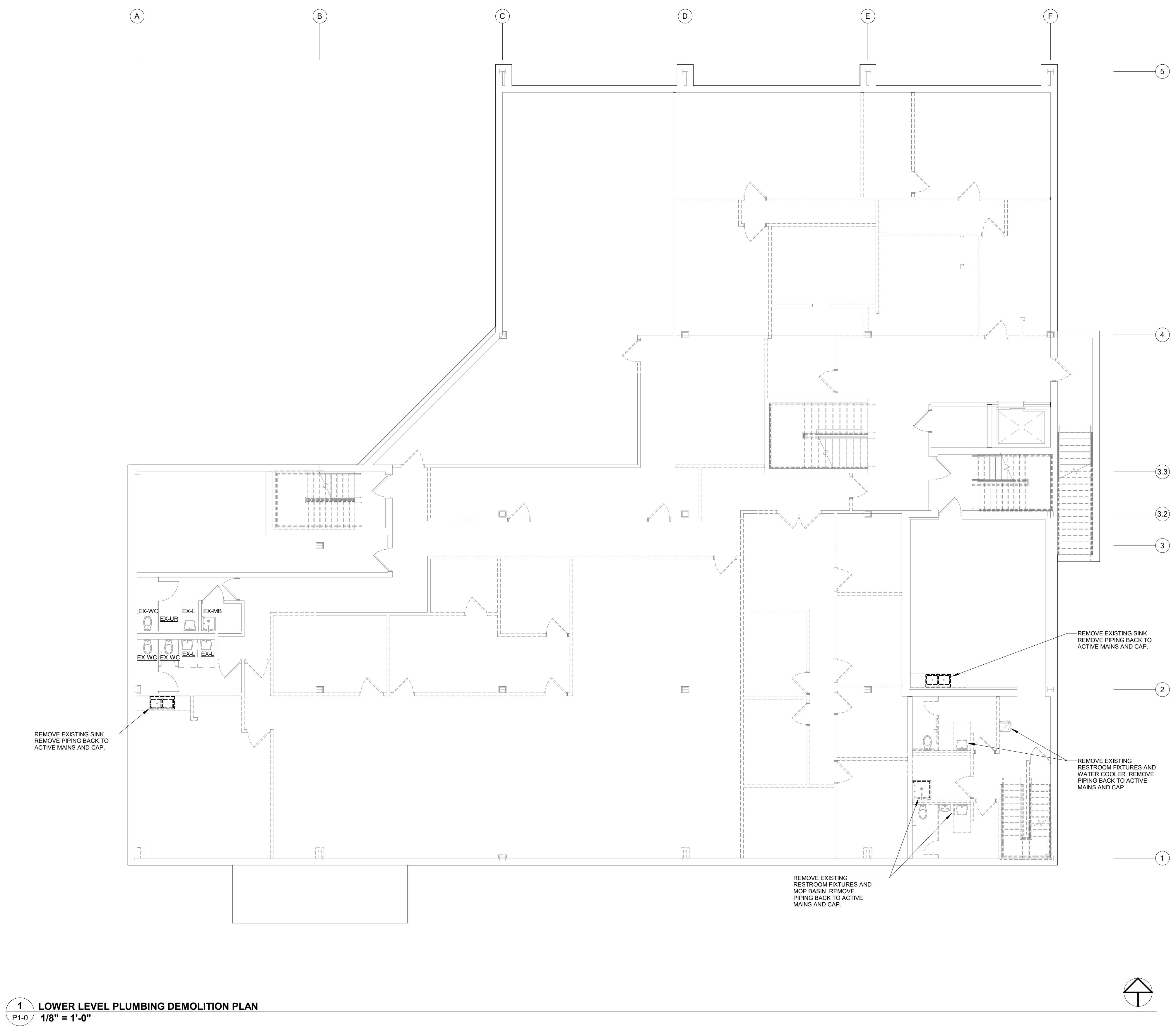
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PROJECT NO. 24012.001

LOWER LEVEL PLUMBING DEMOLITION PLAN

P1-0

NO. 2025



1 LOWER LEVEL PLUMBING DEMOLITION PLAN
P1-0 1/8" = 1'-0"

CITY OF BARBERTON

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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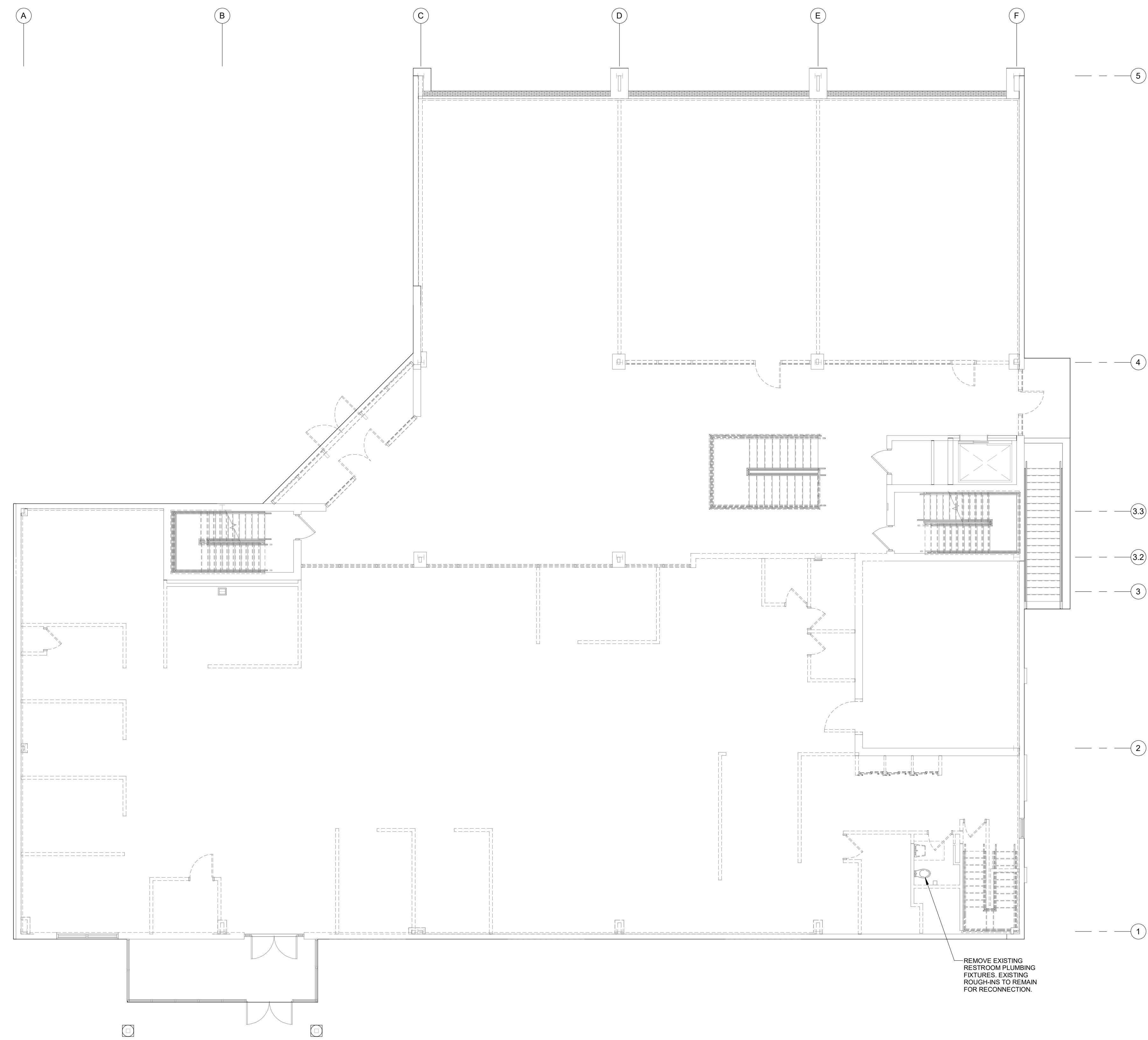
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PROJECT NO. 24012.001

LEVEL 1 PLUMBING DEMOLITION PLAN

P1-1

NO. 2025



1 LEVEL 1 PLUMBING DEMOLITION PLAN
P1-1 1/8" = 1'-0"

CITY OF BARBERTON

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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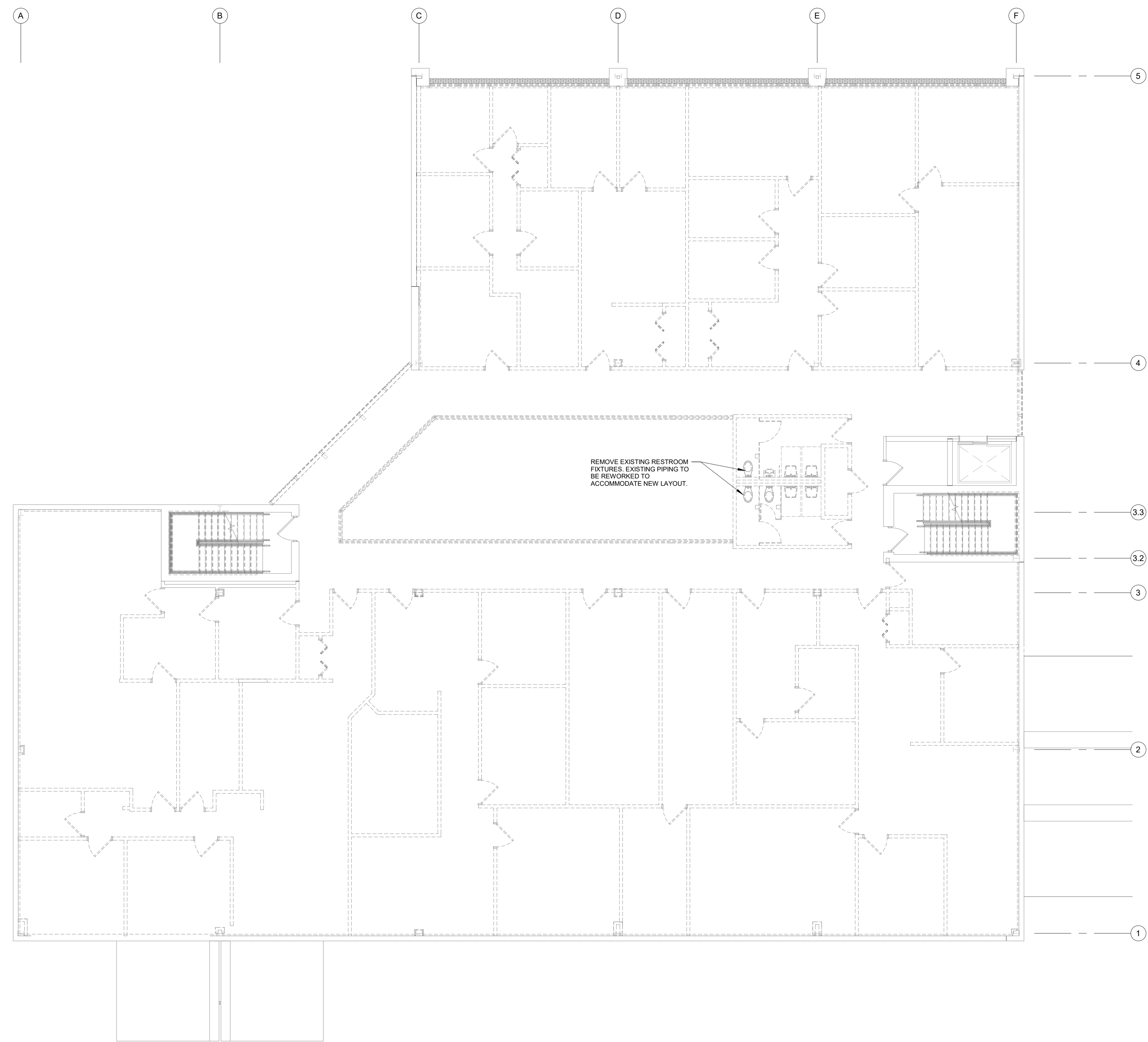
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PROJECT NO. 24012.001

LEVEL 2 PLUMBING DEMOLITION PLAN

P1-2

NO. 2025



1 LEVEL 2 PLUMBING DEMOLITION PLAN
P1-2 1/8" = 1'-0"

CITY OF BARBERTON

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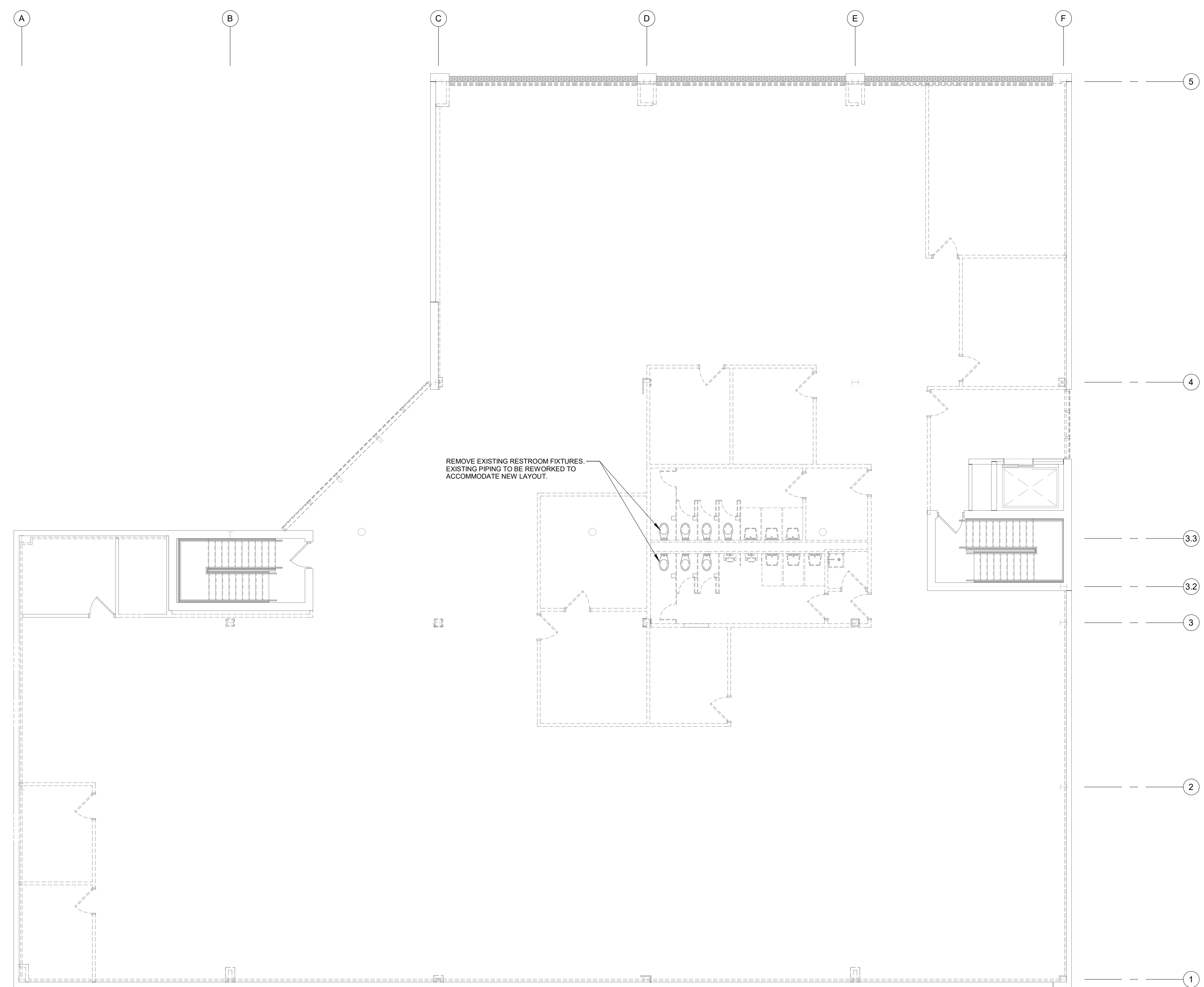
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PROJECT NO. 24012.001

LEVEL 3 PLUMBING DEMOLITION PLAN

P1-3

NO. 2025



1 LEVEL 3 PLUMBING DEMOLITION PLAN
P1-3 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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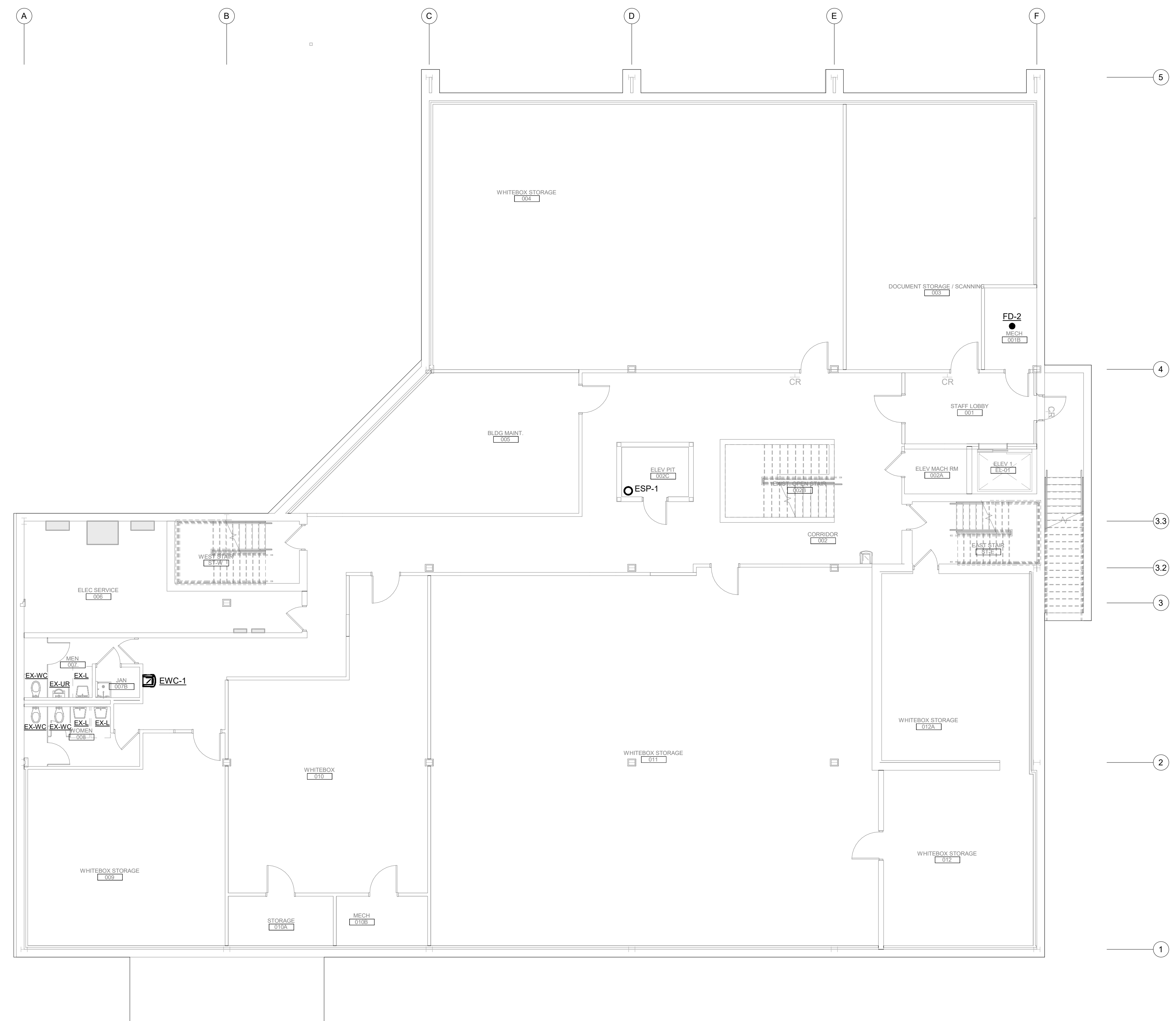
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PROJECT NO. 24012.001

LOWER LEVEL PLUMBING PLAN

P2-0

NO. 2025



1 LOWER LEVEL PLUMBING PLAN
P2-0 1/8" = 1'-0"

CITY OF BARBERTON

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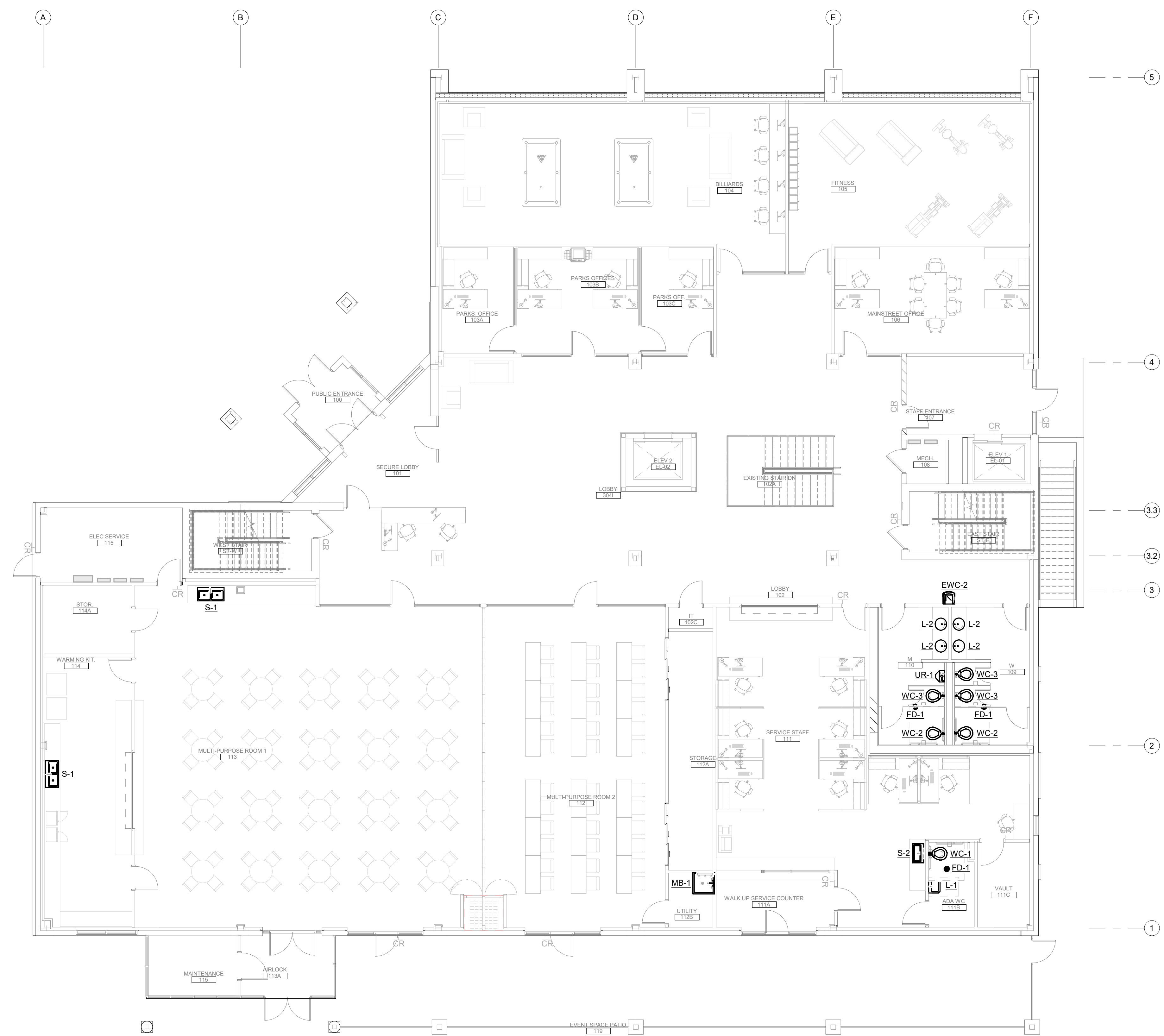
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PROJECT NO. 24012.001

LEVEL 1 PLUMBING PLAN

P2-1

NO. 2025



1 LEVEL 1 PLUMBING PLAN
P2-1 **1/8" = 1'-0"**

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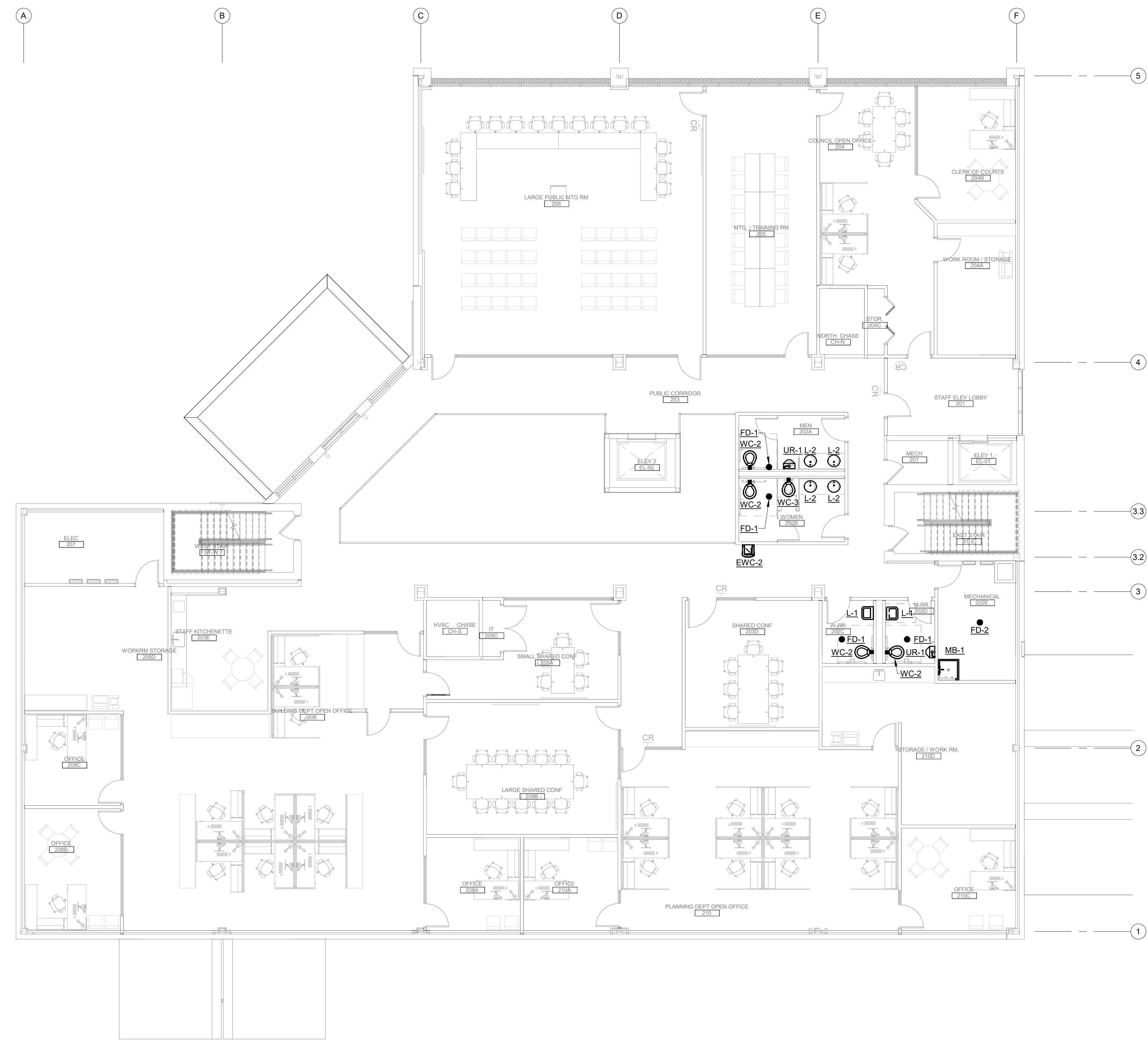
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PROJECT NO. 24012.001

LEVEL 2 PLUMBING PLAN

P2-2

NO. 2025



1 LEVEL 2 PLUMBING PLAN
P2-2 **1/8" = 1'-0"**

CITY OF BARBERTON

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PROJECT NO. 24012.001

EVEL 3 PLUMBING PLAN

P2-3

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1 LEVEL 3 PLUMBING PLAN
P2-3 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

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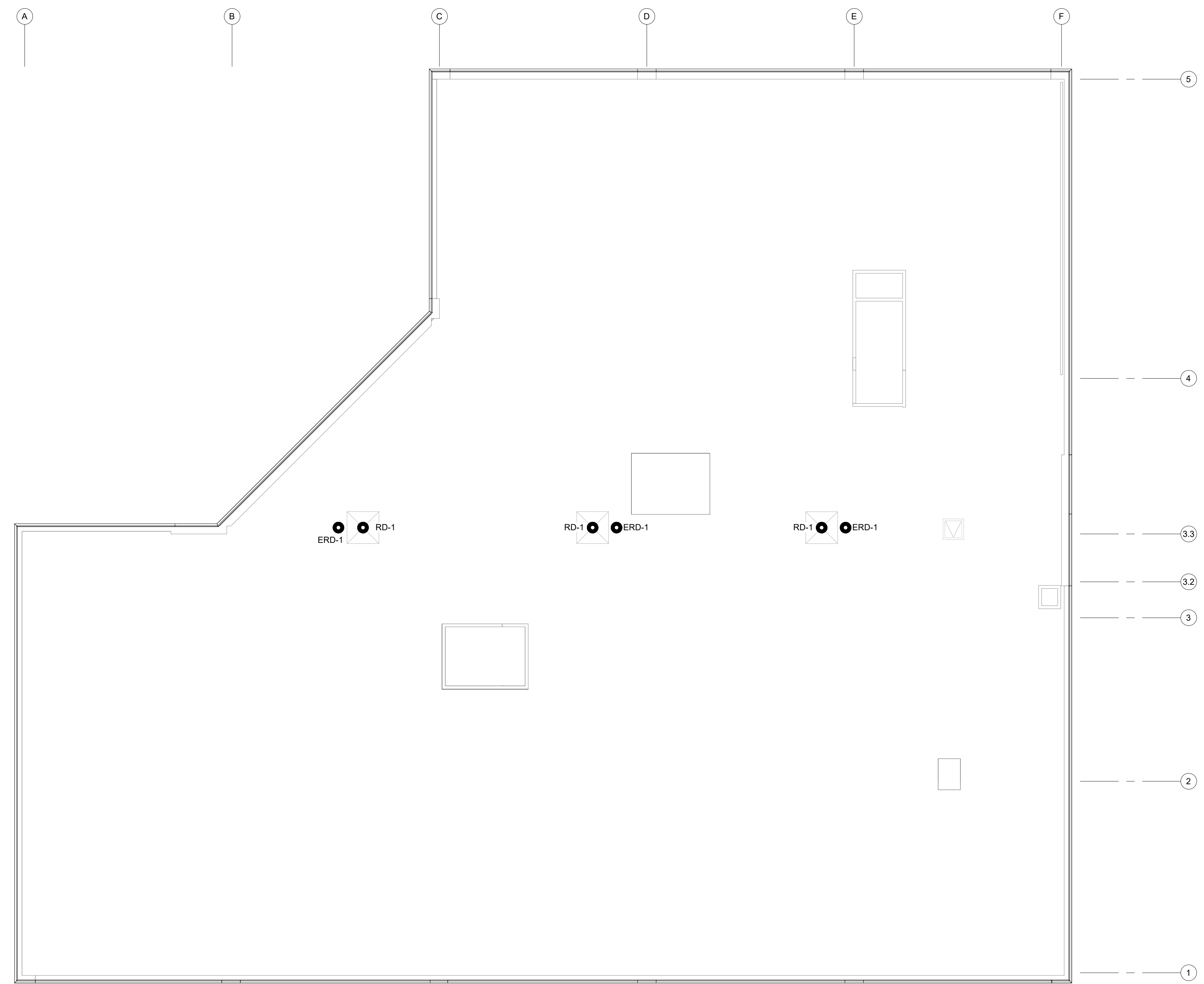
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PROJECT NO. 24012.001

ROOF LEVEL PLUMBING PLAN

P2-4

NO. 2025



1 ROOF PLUMBING PLAN
P2-4 1/8" = 1'-0"



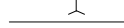
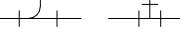
MECHANICAL DRAWING LIST	
SHEET NUMBER	SHEET NAME
M0-1	MECHANICAL GENERAL INFORMATION
M1-0	LOWER LEVEL MECHANICAL DEMOLITION PLAN
M1-1	LEVEL 1 MECHANICAL DEMOLITION PLAN
M1-2	LEVEL 2 MECHANICAL DEMOLITION PLAN
M1-3	LEVEL 3 MECHANICAL DEMOLITION PLAN
M1-4	ROOF LEVEL MECHANICAL DEMOLITION PLAN
M2-0	LOWER LEVEL MECHANICAL PLAN
M2-1	LEVEL 1 MECHANICAL PLAN
M2-2	LEVEL 2 MECHANICAL PLAN
M2-3	LEVEL 3 MECHANICAL PLAN
M2-4	ROOF LEVEL MECHANICAL PLAN

GENERAL DRAWING NOTES:

1. MATERIALS ILLUSTRATED WITH LIGHT LINES ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
2. EXISTING CONDITIONS SHOWN ARE BASED ON REVIEW OF REFERENCE DRAWINGS AND GENERAL FIELD VIEW. NOTIFY ENGINEER IF FIELD CONDITIONS DIFFER FROM DRAWING. CONTRACTOR IS RESPONSIBLE FOR FIELD MEASURING AND COORDINATING DIMENSIONS FOR TIE-IN AND INSTALLATION OF ALL NEW EQUIPMENT, DUCTWORK, PIPING AND OTHER MATERIALS PRIOR TO FABRICATION.
3. MATERIALS ILLUSTRATED WITH DARK DASHED LINES SHALL BE REMOVED. THE OWNER SHALL HAVE THE RIGHT TO RETAIN ANY MATERIALS ILLUSTRATED TO BE REMOVED. IF REQUESTED BY THE OWNER, THE CONTRACTOR SHALL REMOVE MATERIALS AND RELOCATE THEM TO THE OWNER'S SPECIFIED LOCATION OF REMOVAL. ALL MATERIALS TO BE RELOCATED SHALL BE TEMPORARILY STORED AND PROTECTED DURING CONSTRUCTION BY THE CONTRACTOR UNLESS NOTED OTHERWISE. REMOVE ALL MATERIALS ASSOCIATED WITH EQUIPMENT AND MATERIALS INCLUDING PIPING, HANGERS, SUPPORTS, POWER, CONTROLS, INSULATION, ETC.
4. MATERIALS ILLUSTRATED WITH DARK LINES ARE NEW.
5. DO NOT INSTALL ANY MATERIALS IN A LOCATION THAT Hinders MAINTENANCE ACCESS TO ANY MATERIAL THAT REQUIRES SERVICE OR MAINTENANCE.
6. THIS CONTRACTOR SHALL REMOVE AND RE-INSTALL EXISTING CEILING SYSTEMS WITH NECESSARY MATERIALS TO RELOCATE AND RE-INSTALL. PRIOR TO REMOVAL OF CEILINGS, CONTRACTOR SHALL PHOTOGRAPH CONDITION OF EXISTING CEILINGS AND SUBMIT PHOTO DOCUMENTATION TO OWNER AND ENGINEER. CEILING REMOVAL AND REINSTALLATION WORK SHALL BE CAREFULLY PERFORMED WITH CLEAN GLOVES TO MAINTAIN CEILING APPEARANCE. CONTRACTOR SHALL REPLACE ALL DAMAGED AND/OR DIRTY CEILING TILES TO MATCH EXISTING.
7. PATCH AND PAINT WALLS, CEILINGS AND FLOORS TO MATCH EXISTING AS REQUIRED TO ACCOMMODATE WORK.
8. DUCT RUNOUT SIZES TO TERMINAL EQUIPMENT (VAV BOXES, DIFFUSERS, GRILLES, ETC.) SHALL MATCH THE EQUIPMENT CONNECTION SIZE UNLESS NOTED OTHERWISE.
9. PIPING RUNOUTS TO TERMINAL EQUIPMENT (RE-HEAT COILS, FINNED TUBE RADIATION, UNIT HEATERS, CABINET UNIT HEATERS, ETC.) SHALL BE ¾" UNLESS NOTED OTHERWISE.
10. AREAS OF THIS BUILDING UTILIZING A RETURN AIR PLENUM. ALL MATERIALS SHALL BE REMOVED FROM THE PLENUM. ALL PIPING SHALL BE ROUTED AS TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723. WIRING SHALL BE PLENUM RATED PER NFPA 70.
11. DUCT SIZES NOTED REPRESENT THE ACTUAL SHEET METAL SIZE. WHERE INTERIOR DUCT LINING IS USED, DUCT SIZES HAVE ALREADY ACCOUNTED FOR THE LINING.
12. DOUBLE WALL DUCTWORK SIZES SHOWN ARE INSIDE DUCT DIMENSIONS.
13. REMOVE DUCTWORK AND PIPING BACK TO CAPPED LOCATIONS WHERE INDICATED. INSULATE CAPPED DUCTS AND PIPES THE SAME AS NEW.
14. SHUT-OFF VALVES SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS. COORDINATE THE LOCATION OF ACCESS DOORS IN CEILINGS OR WALLS WITH THE GENERAL CONTRACTOR IF A VALVE IS REQUIRED TO BE LOCATED ABOVE AN INACCESSIBLE CEILING OR IN A WALL OR CHASE.
15. PROVIDE SCHEMATIC FOR ALL PIPING PENETRATIONS OF CEILINGS IN OCCUPANCY AREAS.
16. FIRESTOP ALL PENETRATIONS OF RATED CEILINGS WITH APPROPRIATE FIRESTOPPING MATERIAL. REQUIRED MATERIALS ARE INDICATION IN THE SPECIFICATIONS.
17. UNLESS DETAILED OTHERWISE, SYSTEMS SHALL BE ORGANIZED SUCH THAT DUCTWORK MAINS ARE THE HIGHEST LEVEL AND ARE TIGHT TO BUILDING STRUCTURE. HVAC PIPING AND RETURN PIPING SHALL BE ROUTED BELOW THE DUCTWORK MAINS, AND FIRE PROTECTION PIPING SHALL BE BELOW.

MECHANICAL ABBREVIATIONS LEGEND	
ABBREVIATION	DESCRIPTION

HVAC PIPING SYSTEM SCHEDULE				
NOTE: 1. WHERE MULTIPLE MATERIALS ARE INDICATED, SELECTION IS INSTALLER'S CHOICE.				
SYSTEM	SIZES	PIPE MATERIAL	FITTING MATERIAL	JOINT TYPE
A/C CONDENSATE DRAIN	ALL SIZES	TYPE L HARD COPPER OR PVC (NOT IN PLENUMS)	WROUGHT COPPER OR PVC	SOLDERED OR SOLVENT WELD
BOILER ACIDIC DRAIN	ALL SIZES	SCH 40 CPVC	CPVC ASTM D2846	SOLVENT WELD
HEATING WATER	2" AND SMALLER	TYPE L HARD COPPER OR SCH 40 BLACK STEEL	WROUGHT COPPER OR TS&B CAST IRON	SOLDERED, PRESSED OR SCREWED
HEATING WATER	2.5" TO 10"	SCH 40 BLACK STEEL	SCH 40 FACTORY FORMED	WELDED OR GROOVED
REFRIGERANT	ALL SIZES	TYPE L HARD COPPER	WROUGHT COPPER	SOLDERED OR PRESSED

PIPE FITTING LEGEND	
SYMBOL	DESCRIPTION
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	CAP
	90° PIPE RISE OR DROP
	90° PIPE CONNECTION OUT OF BOTTOM
	90° PIPE CONNECTION OUT OF TOP
	90° PIPE CONNECTION OUT OF SIDE
	45° PIPE CONNECTION OUT OF SIDE
	PIPING RISER DOWN
	PIPING RISER UP

MECHANICAL PIPING SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	AUTOMATIC PRESSURE INDEPENDENT BALANCING VALVE
	MANUAL BALANCING VALVE
	2-WAY TEMPERATURE CONTROL VALVE
	3-WAY TEMPERATURE CONTROL VALVE
	BALL VALVE
	CHECK VALVE
	GATE VALVE
	BUTTERFLY VALVE
	STRAINER WITH FULL SIZE VALVED BLOWDOWN WITH PLUGGED VALVE
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	PETEE'S PLUG
	TEMPERATURE WELL
	TIE-IN POINT
	PRESSURE GAUGE
	THERMOMETER
	MANUAL AIR VALVE
	REDUCED PRESSURE BACKFLOW PREVENTER
	PRESSURE REDUCING VALVE
	SPHERICAL RUBBER TYPE FLEXIBLE CONNECTOR
	WOVEN MESH TYPE FLEXIBLE CONNECTOR
	UNION
	PIPE GUIDE
	PIPE ANCHOR
	STEAM TRAP
	PRESSURE RELIEF VALVE
	CAPPED THREADED HOSE CONNECTION
	FLOW METER

DUCTWORK ACCESSORIES LEGEND	
SYMBOL	DESCRIPTION
 ("MARK"-"CFM") XXX-XXX	4-WAY DIFFUSER
 ("MARK"-"CFM") XXX-XXX	3-WAY DIFFUSER
 ("MARK"-"CFM") XXX-XXX	2-WAY DIFFUSER
 ("MARK"-"CFM") XXX-XXX	RETURN / EXHAUST GRILLE - CEILING MOUNTED
 ("MARK"-"CFM") XXX-XXX	SUPPLY DIFFUSER - SIDEWALL MOUNTED
	TIE-IN POINT
	FIRE DAMPER
	DUCT DETECTOR
	MANUAL BALANCE DAMPER

VIEW SYMBOL LEGEND	
	SECTION CUT
	ENLARGED PLAN
	DETAIL CALLOUT

CONTROL SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	WIRE TO SF, RF, AND/OR EF SHUTDOWN CONTACTS
	MOTOR STARTER WITH S/S CONTACTS
	VARIABLE FREQUENCY DRIVE
	DUCT MOUNTED SMOKE DETECTOR
	HUMIDIFIER
	AIRFLOW MEASURING STATION
	SINGLE POINT TEMPERATURE SENSOR (DUCT MOUNTED)
	MOTORIZED DAMPER
	MOTORIZED DAMPER WITH END SWITCH
	HUMIDITY SENSOR (DUCT MOUNTED)
	HUMIDITY SENSOR (WALL MOUNTED)
	CARBON DIOXIDE SENSOR (DUCT MOUNTED)
	CARBON DIOXIDE SENSOR (WALL MOUNTED)
	120V THERMOSTAT (WALL MOUNTED)
	ADJUSTABLE DDC THERMOSTAT (WALL MOUNTED)
	TEMP SENSOR (READ ONLY, WALL MOUNTED)
	DUAL CONTACT OCCUPANCY SENSOR.
	DIFFERENTIAL PRESSURE TRANSMITTER
	STATIC PRESSURE LOW-LIMIT SWITCH
	STATIC PRESSURE HIGH-LIMIT SWITCH
	CURRENT SENSING RELAY
	STATIC PRESSURE TRANSMITTER
	DUCT AVERAGING TEMPERATURE SENSOR
	LOW-LIMIT TEMPERATURE SWITCH
	OVERFLOW SENSOR
	LIGHT SENSOR
	THREE-WAY TCV
	TWO-WAY TCV
	SPACE ION SENSOR
	NEEDLE POINT BI-POLAR IONIZER
	DUCT ION SENSOR
	BIPOLAR IONIZER
	ANALOG INPUT TO BAS
	ANALOG OUTPUT TO BAS
	DIGITAL INPUT TO BAS
	DIGITAL OUTPUT TO BAS
	INTEGRATION TO BAS

DUCTWORK FITTING LEGEND	
SYMBOL	DESCRIPTION
	45° ENTRY BOOT TAKE-OFF (RECTANGULAR TO RECTANGULAR)
	90° ENTRY BOOT TAKE-OFF (CONICAL/BELLMOUTH FITTING)
	CONVERGING/DIVERGING TRANSITION
	DUCT CAP
	DUCT RISE (IN THE DIRECTION OF AIRFLOW)
	DUCT DROP (IN THE DIRECTION OF AIRFLOW)
	MITERED DUCT ELBOW WITH TURNING VANES
	RETURN, EXHAUST OR RELIEF AIR DUCT DOWN
	RETURN, EXHAUST OR RELIEF AIR DUCT UP
	SUPPLY OR OUTSIDE AIR DUCT DOWN
	SUPPLY OR OUTSIDE AIR DUCT UP
	SQUARE TO ROUND TRANSITION
	DOUBLE WALL DUCT
	INTERNALLY LINED DUCTWORK

DUCT INSULATION SCHEDULE				
NOTE:				
1. FIBERGLASS INSULATION THICKNESSES ARE BASED ON A CONDUCTIVITY OF 0.23 BTU·IN/(HR · °F²) (°F) AT 75F MEAN TEMP.				
2. CLOSED CELL POLYMERIC INSULATION THICKNESSES ARE BASED ON A CONDUCTIVITY OF 0.28 BTU·IN/(HR · °F²) (°F) AT 70F MEAN TEMP.				
SYSTEM	LOCATION	TYPE	THICKNESS	JACKET
ALL DUCTWORK NOT REQUIRED TO BE INSULATED	OUTDOORS	NO INSULATION	-	VENTURE CLAD WEATHERPROOFING WRAP WITH SLOPED TOP OF DUCT TO PREVENT WATER POOLING.
OUTSIDE AIR AND COMBUSTION AIR	CONCEALED	FIBERGLASS DUCT WRAP	2"	GLASS CLOTH JACKET
OUTSIDE AIR AND COMBUSTION AIR	EXPOSED	FIBERGLASS DUCT BOARD	2"	GLASS CLOTH JACKET
RETURN AIR BOOTS	ALL	CLOSED CELL ELASTOMERIC DUCT LINER	1"	N/A
RETURN AIR DUCT	SEE PLANS	CLOSED CELL ELASTOMERIC DUCT LINER	1"	N/A
RETURN AIR TO ENERGY RECOVERY SYSTEMS	INDOORS	FIBERGLASS DUCT WRAP	2"	FOIL FACED VAPOR SEAL
SUPPLY, MIXED AND RELIEF AIR	CONCEALED IN AIR-CONDITIONED SPACE	FIBERGLASS DUCT WRAP	2"	FOIL FACED VAPOR SEAL
SUPPLY, MIXED AND RELIEF AIR	EXPOSED IN AIR-CONDITIONED SPACE	FIBERGLASS DUCT BOARD	2"	GLASS CLOTH JACKET
SUPPLY, MIXED AND RELIEF AIR	NON AIR-CONDITIONED SPACE	FIBERGLASS DUCT BOARD	2"	GLASS CLOTH JACKET
SUPPLY, MIXED AND RELIEF AIR	EXPOSED IN OCCUPABLE AIR-CONDITIONED AREAS	NO INSULATION	-	-

MECHANICAL FIRESTOP SCHEDULE			
NOTE:			
1. FIRESTOP ASSEMBLY TYPE (REQUIRED FIRESTOPPING MATERIALS) SHALL BE DETERMINED BY THE WALL OR FLOOR/CEILING ASSEMBLY AND PENETRATION TYPE AND SHALL BE UL LISTED AND TESTED IN ACCORDANCE WITH ASTM E814. FIRE RATING OF THE ASSEMBLY SHALL BE EQUIVALENT TO THE WALL OR FLOOR/CEILING ASSEMBLY RATING.			
2. ACCEPTABLE FIRE BARRIER PRODUCTS: HILTI "S+ONE", NELSON "FLAMESEAL" OR APPROVED EQUAL AS MANUFACTURED BY 3M.			
3. IF REQUESTED, THE CONTRACTOR SHALL SHOW PROOF OF COMPLIANCE BY PROVIDING THE APPROPRIATE UL FIRESTOPPING SYSTEM NUMBER TO THE INSPECTION AUTHORITY HAVING JURISDICTION OR THE ARCHITECT/ENGINEER.			
PENETRATION		RATING	UL SYSTEM
INSULATED METAL PIPE THROUGH GYPSUM BOARD		1 OR 2 HOUR	HILTI UL RWL5028 OR APPROVED EQUAL
INSULATED METAL PIPE THROUGH MASONRY		4 HOUR	HILTI UL RWL5028 OR APPROVED EQUAL
INSULATED METAL PIPE THROUGH MASONRY/CONCRETE		1 HOUR	HILTI UL ICAJ5091 OR APPROVED EQUAL
INSULATED METAL PIPE THROUGH POURED CONCRETE FLOOR SLAB		2 HOUR	HILTI UL ICAJ5011 OR APPROVED EQUAL
METAL DUCT WITHOUT FIRE DAMPER THROUGH CONCRETE FLOOR SLAB		1 HOUR	HILTI UL RWL7040 OR APPROVED EQUAL
METAL DUCT WITHOUT FIRE DAMPER THROUGH GYPSUM BOARD		1 OR 2 HOUR	HILTI UL RWL7040 OR RWL7042 OR APPROVED EQUAL
METAL DUCT WITHOUT FIRE DAMPER THROUGH MASONRY/CONCRETE		3 HOUR	HILTI UL ICAJ7046 OR APPROVED EQUAL
METAL PIPE THROUGH GYPSUM BOARD		1 OR 2 HOUR	HILTI UL RWL1054 OR APPROVED EQUAL
METAL PIPE THROUGH MASONRY/CONCRETE		2 HOUR	HILTI UL ICAJ1281 OR APPROVED EQUAL
METAL PIPE THROUGH MASONRY/CONCRETE		3 HOUR	HILTI UL ICAJ1155 OR ICAJ1226 OR APPROVED EQUAL
METAL PIPE THROUGH POURED CONCRETE FLOOR SLAB		3 HOUR	HILTI UL ICAJ1017 OR APPROVED EQUAL
PLASTIC PIPE THROUGH GYPSUM BOARD		1 OR 2 HOUR	HILTI UL RWL2078 OR APPROVED EQUAL
PLASTIC PIPE THROUGH MASONRY/CONCRETE		2 HOUR	HILTI UL ICAJ2271 OR APPROVED EQUAL
PLASTIC PIPE THROUGH MASONRY/CONCRETE		3 HOUR	HILTI UL ICAJ2108 OR ICAJ2110 OR APPROVED EQUAL
PLASTIC PIPE THROUGH POURED CONCRETE FLOOR SLAB		3 HOUR	HILTI UL ICAJ2054 OR APPROVED EQUAL

HVAC PIPING INSULATION SCHEDULE						
NOTE:						
1. FIBERGLASS INSULATION THICKNESSES ARE BASED ON A CONDUCTIVITY OF 0.23 BTU/IN·HR · (FT² · °F) AT 75° MEAN TEMP.						
2. ELASTOMERIC INSULATION THICKNESSES ARE BASED ON A CONDUCTIVITY OF 0.29 BTU/IN·HR · (FT² · °F) AT 75° MEAN TEMP.						
SYSTEM	SIZES	TYPE	THICKNESS	JACKET	OUTDOOR INSTALLATION	
A/C CONDENSATE PIPING	ALL SIZES	FIBERGLASS	1"	VAPOR RETARDANT JACKET	N/A	
HEATING WATER PIPING	1-1/4" AND SMALLER	FIBERGLASS	1-1/2"	ASJ	3" THICK FIBERGLASS WITH ALUMINUM JACKET	
HEATING WATER PIPING	1-1/2" AND LARGER	FIBERGLASS	2"	ASJ	3" THICK FIBERGLASS WITH ALUMINUM JACKET	
MAKE-UP WATER PIPING	ALL SIZES	FIBERGLASS	1"	VAPOR RETARDANT	ALUMINUM JACKET	
REFRIGERANT PIPING - SUCTION, LIQUID AND HOT GAS	1" AND LARGER	ELASTOMERIC	1"	NONE	PVC JACKET	
REFRIGERANT PIPING - SUCTION, LIQUID AND HOT GAS	LESS THAN 1"	ELASTOMERIC	1/2"	NONE	PVC JACKET	

CITY OF BARBERTON
CITY HALL RENOVATION

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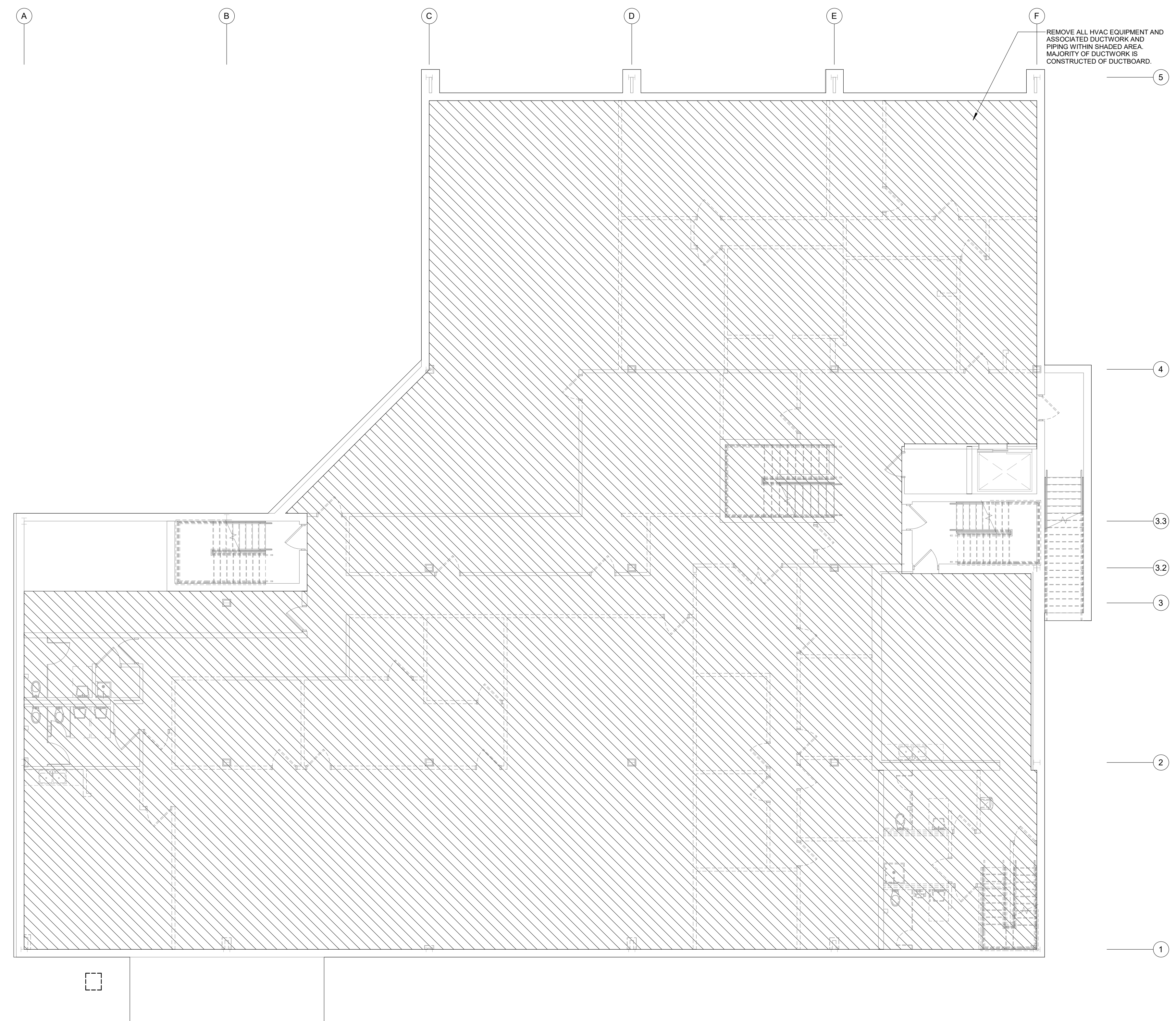
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PROJECT NO. 24012.001

LOWER LEVEL MECHANICAL DEMOLITION PLAN

M1-0

NO. 2025



1 LOWER LEVEL MECHANICAL DEMOLITION PLAN
M1-0 1/8" = 1'-0"

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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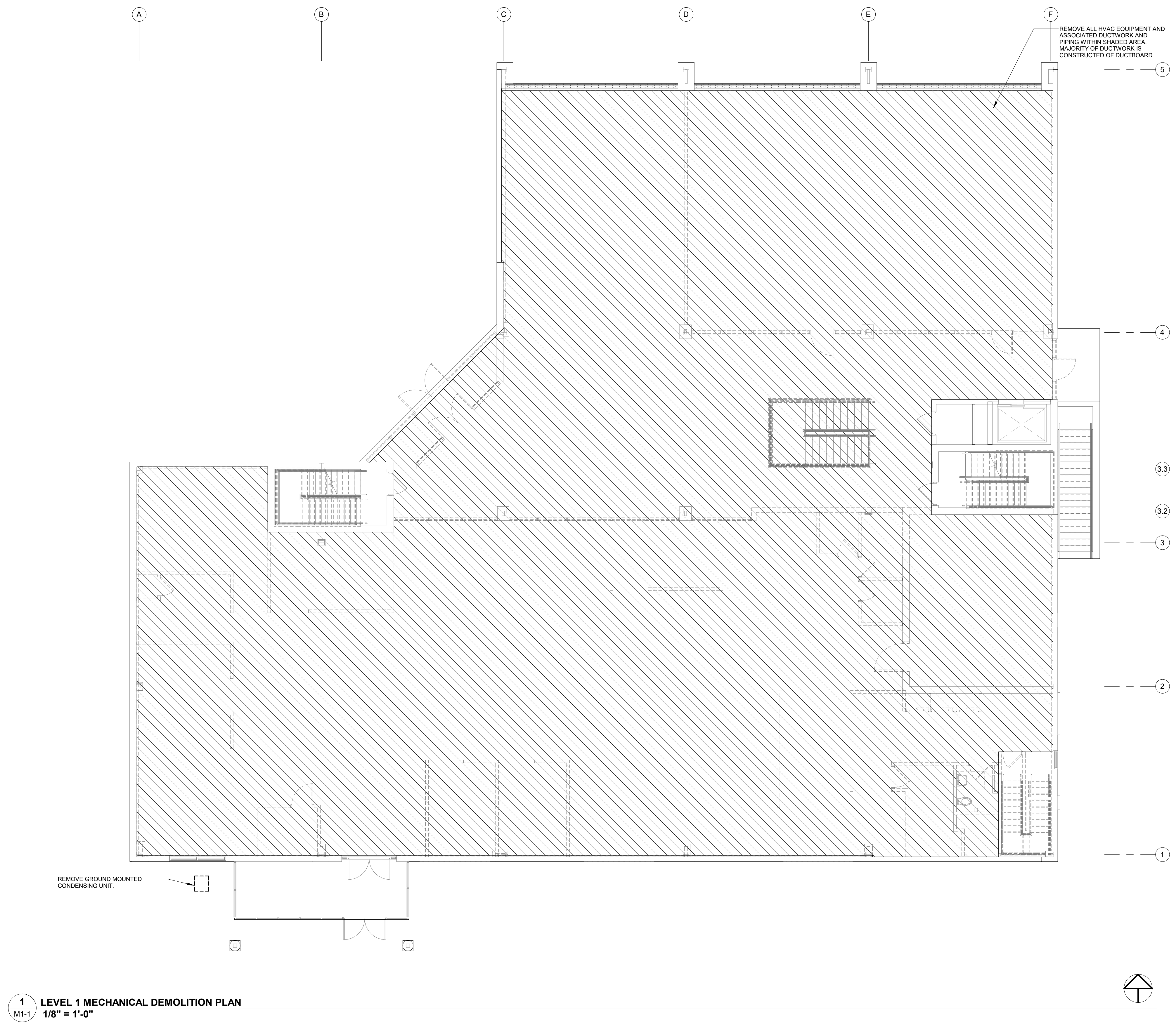
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PROJECT NO. 24012.001

LEVEL 1 MECHANICAL DEMOLITION PLAN

M1-1

NO. 2025



1 LEVEL 1 MECHANICAL DEMOLITION PLAN
M1-1 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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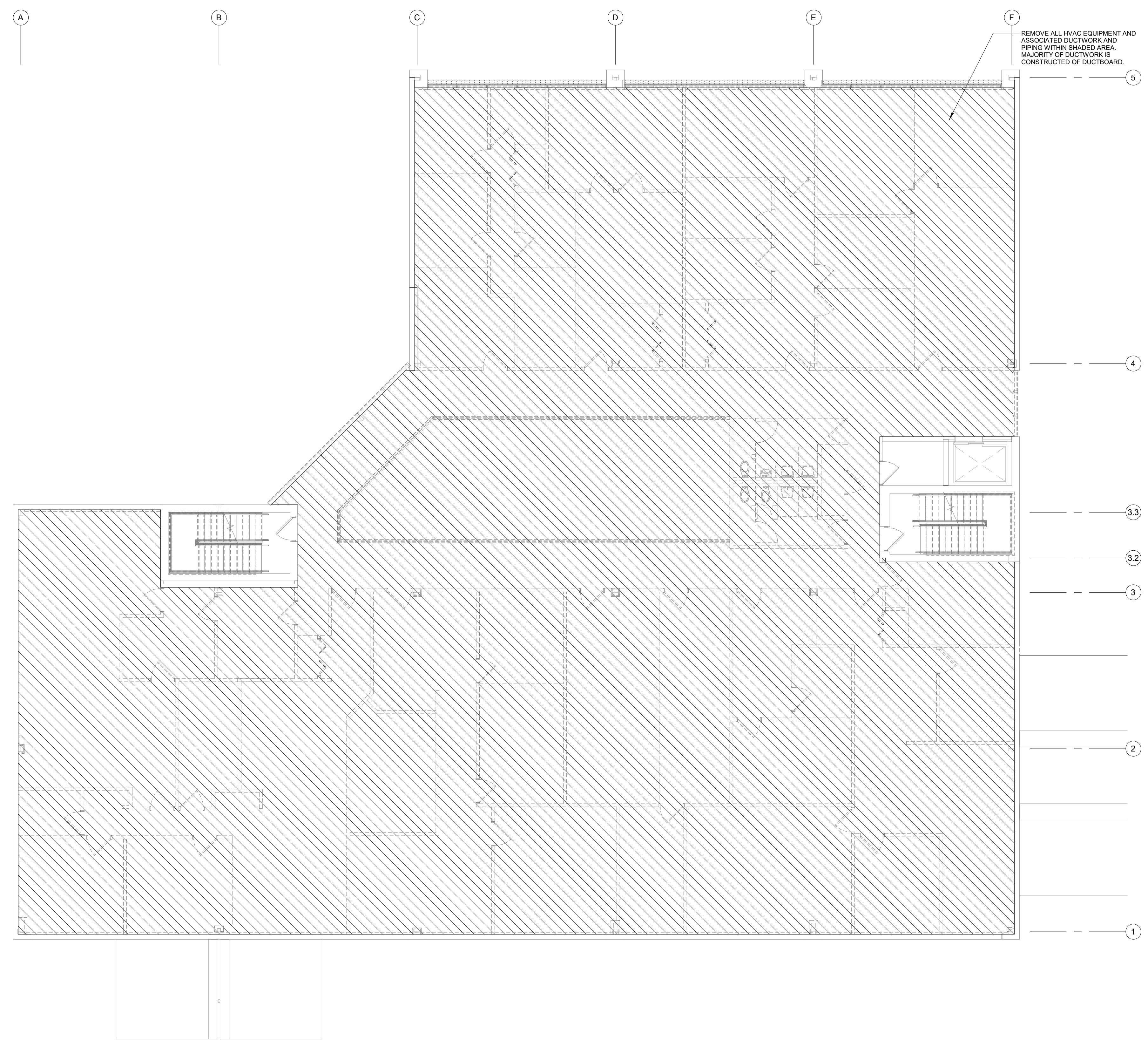
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PROJECT NO. 24012.001

LEVEL 2 MECHANICAL DEMOLITION PLAN

M1-2

NO. 2025



1 LEVEL 2 MECHANICAL DEMOLITION PLAN
M1-2 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

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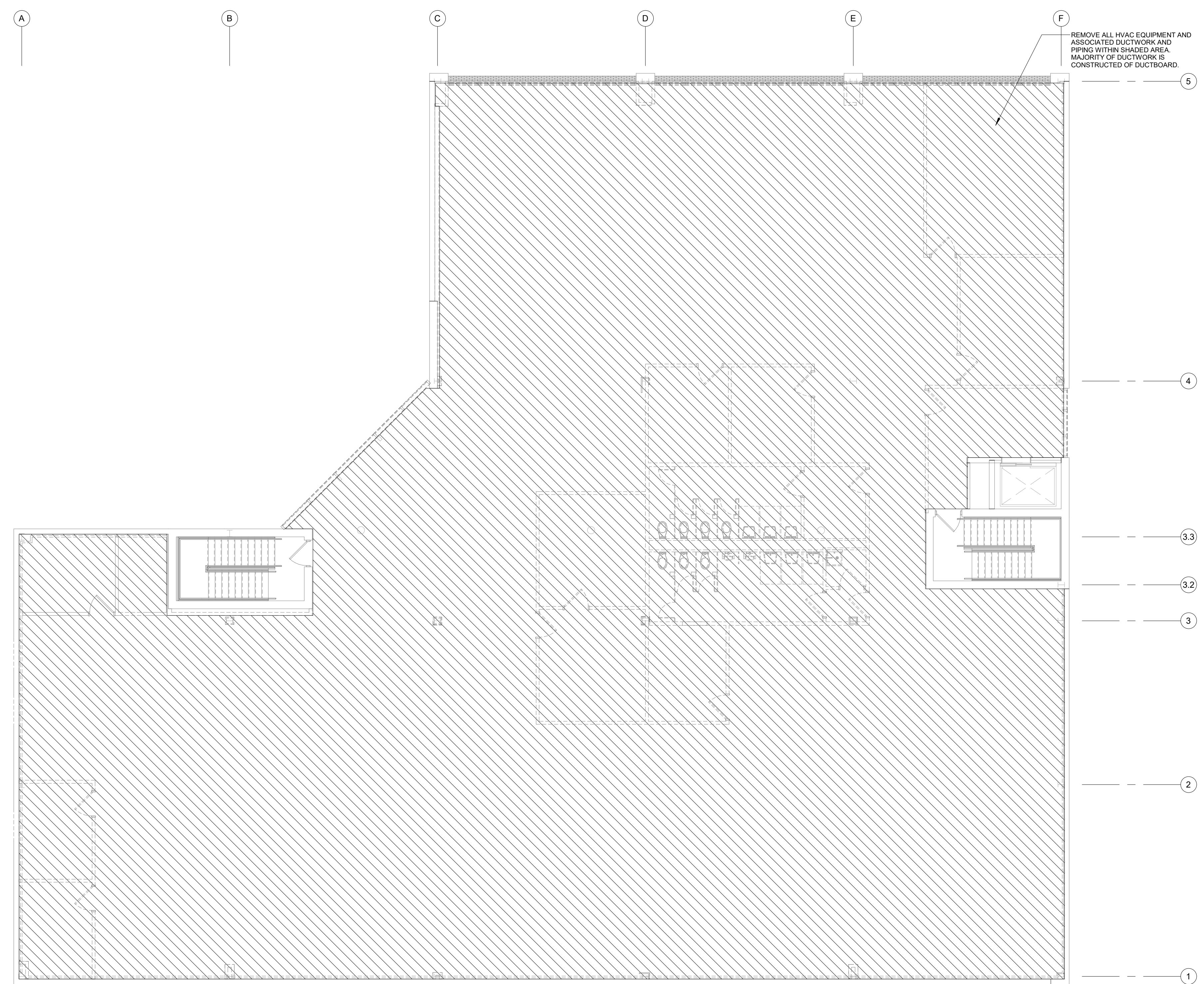
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PROJECT NO. 24012.001

LEVEL 3 MECHANICAL DEMOLITION PLAN

M1-3

NO. 2025



1 LEVEL 3 MECHANICAL DEMOLITION PLAN
M1-3 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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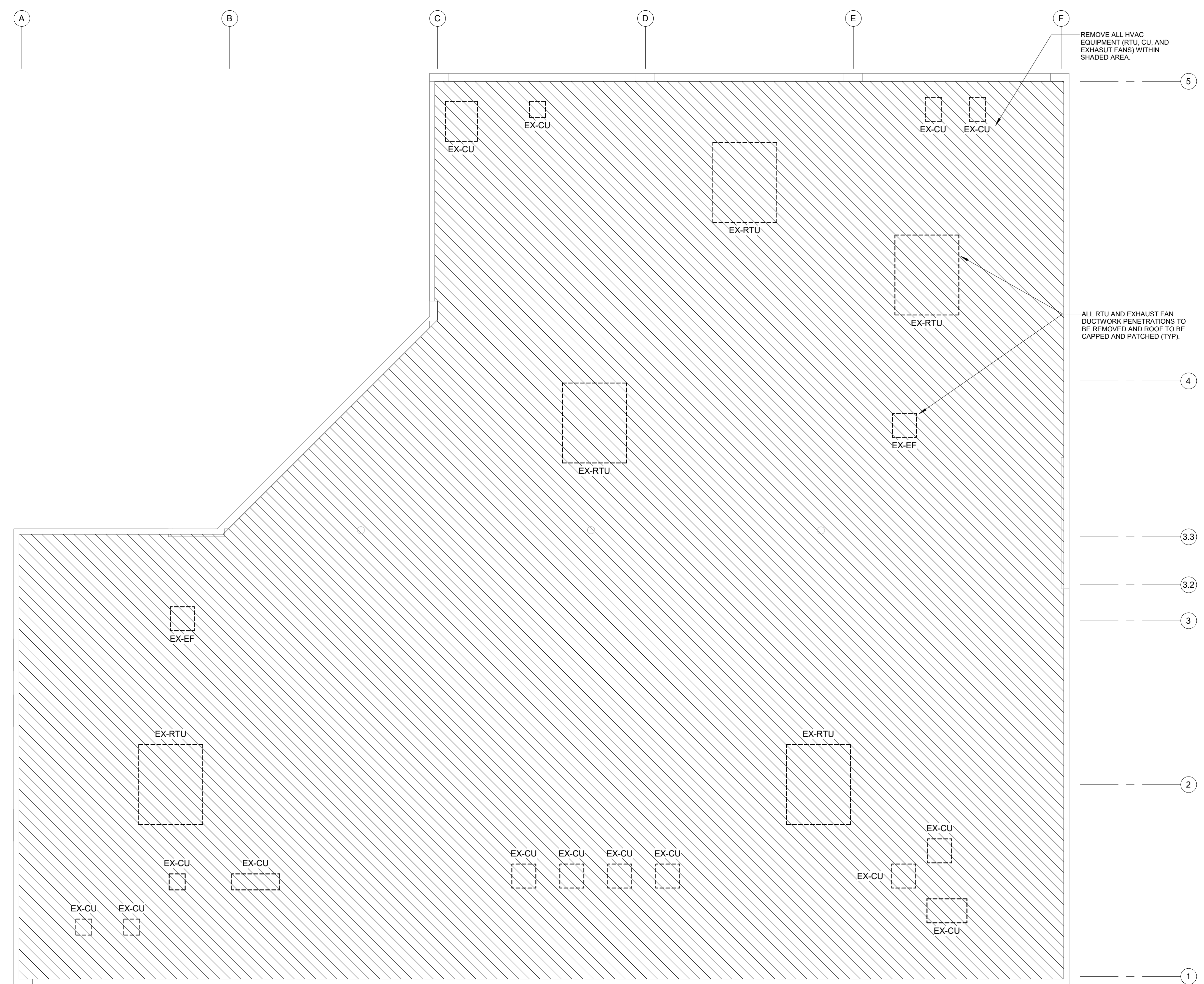
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PROJECT NO. 24012.001

ROOF LEVEL MECHANICAL DEMOLITION PLAN

M1-4

NO. 2025



1 ROOF MECHANICAL DEMOLITION PLAN
M1-4 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

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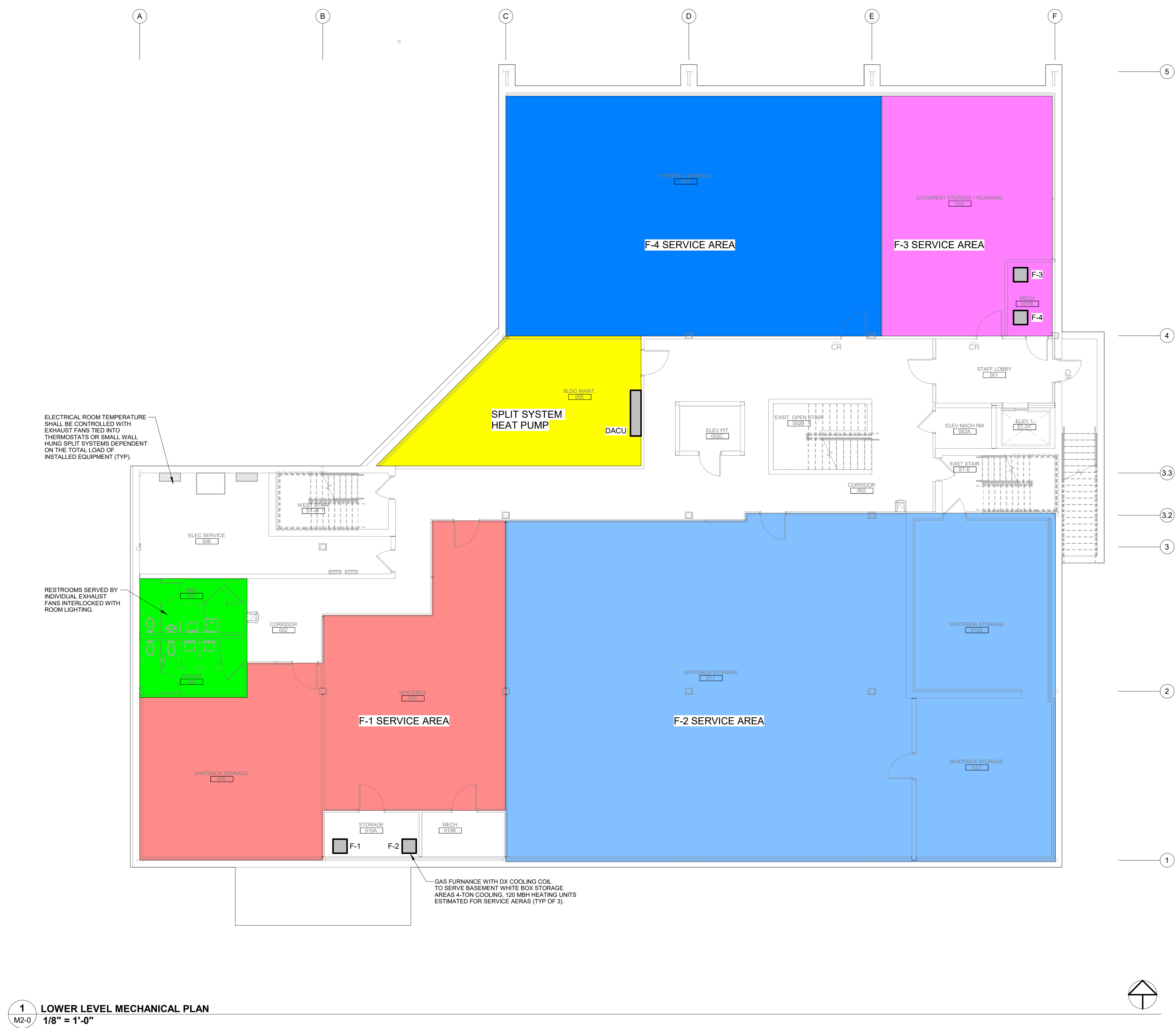
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PROJECT NO. 24012.001

LOWER LEVEL MECHANICAL PLAN

M2-0

NO. 2025



1 LOWER LEVEL MECHANICAL PLAN
M2-0 1/8" = 1'-0"

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

Barberton
Ohio

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[illegible]

PROJECT NO. 24012.001

LEVEL 1 MECHANICAL PLAN

M2-1

© 2025



1 LEVEL 1 MECHANICAL PLAN
M2-1 1/8" = 1'-0"

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203

Barberton

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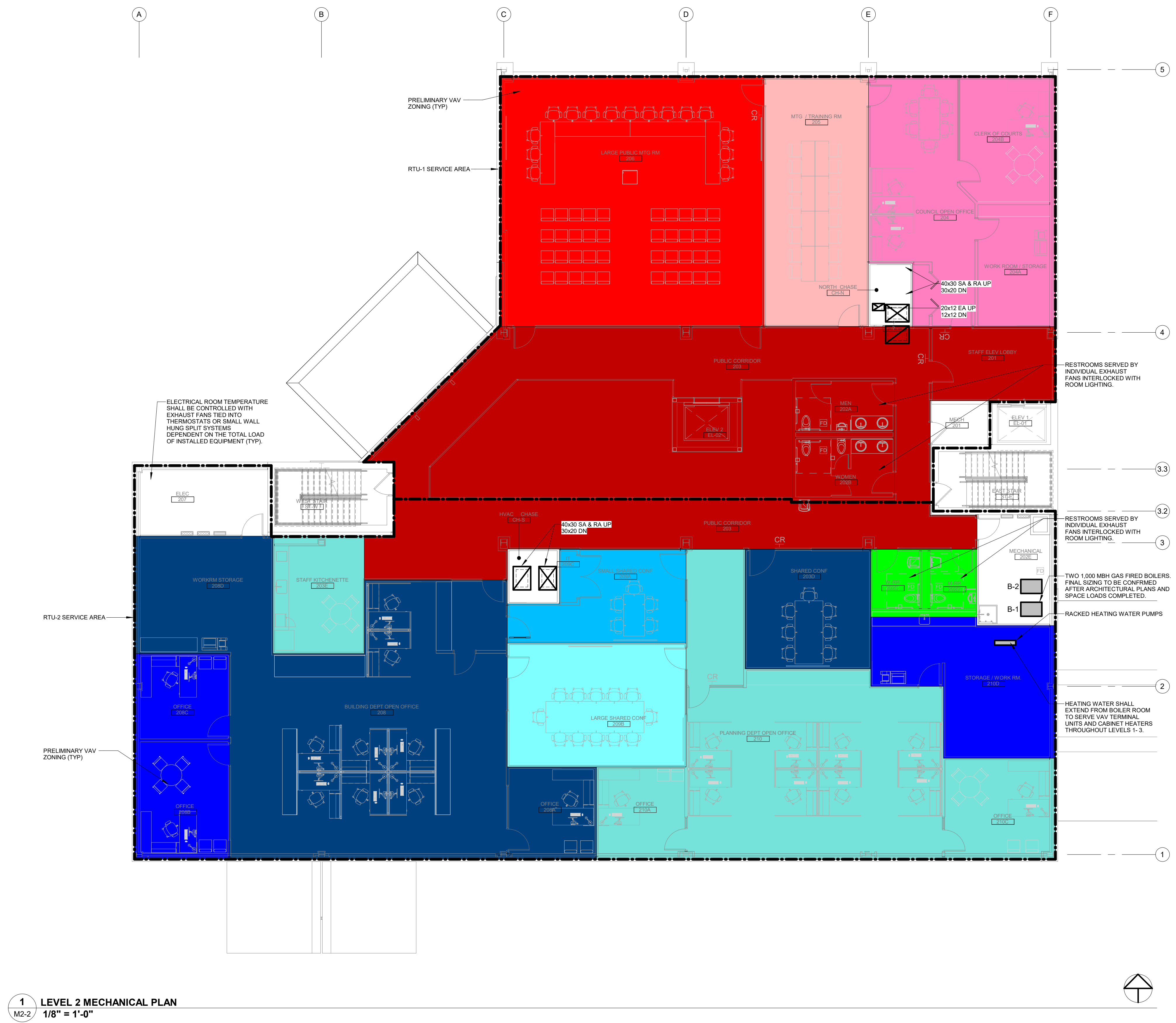
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PROJECT NO. 24012.001

LEVEL 2 MECHANICAL PLAN

M2-2

NO. 2025



1 LEVEL 2 MECHANICAL PLAN
M2-2 1/8" = 1'-0"

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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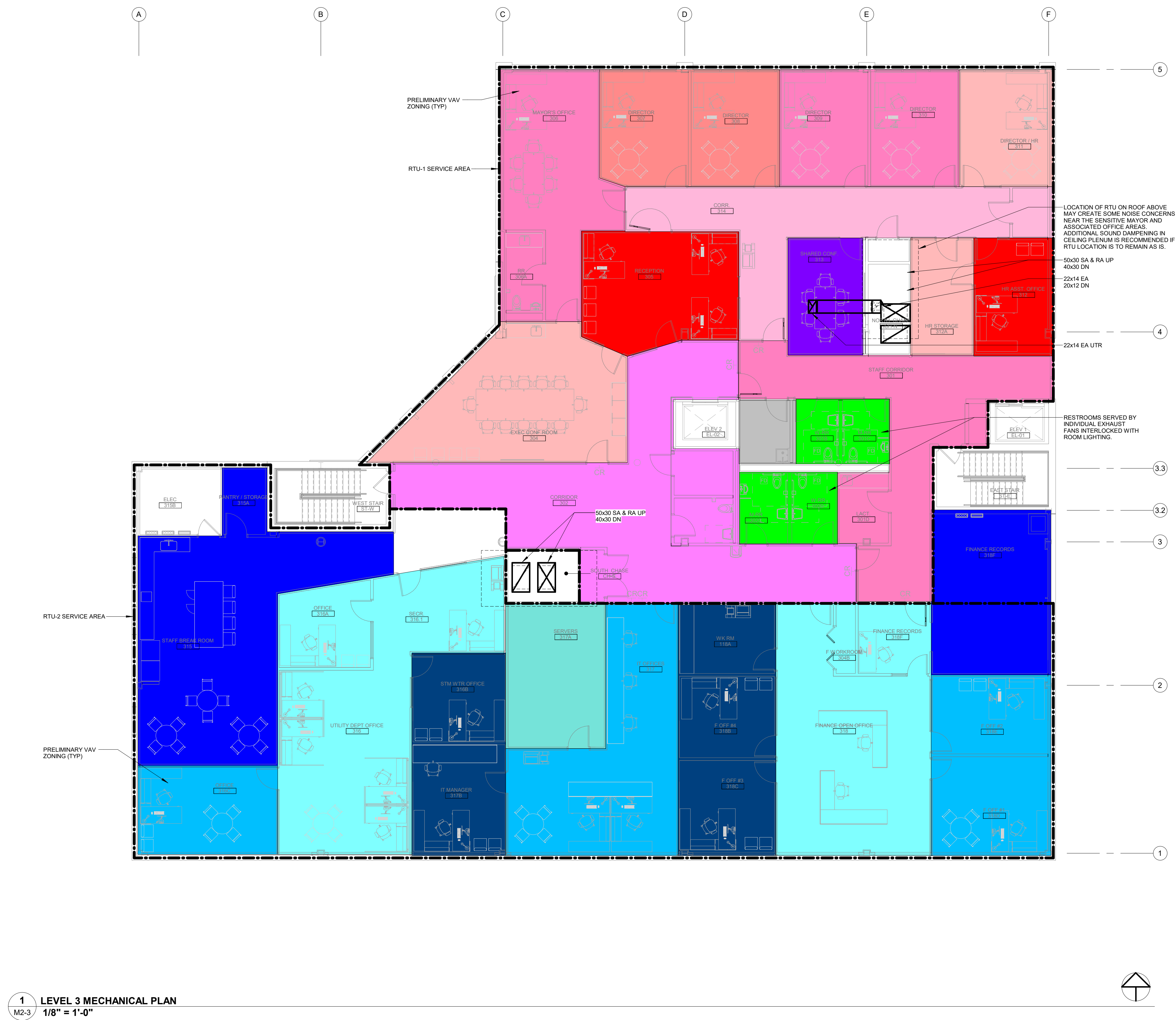
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PROJECT NO. 24012.001

LEVEL 3 MECHANICAL PLAN

M2-3

NO. 2025



1 LEVEL 3 MECHANICAL PLAN
M2-3 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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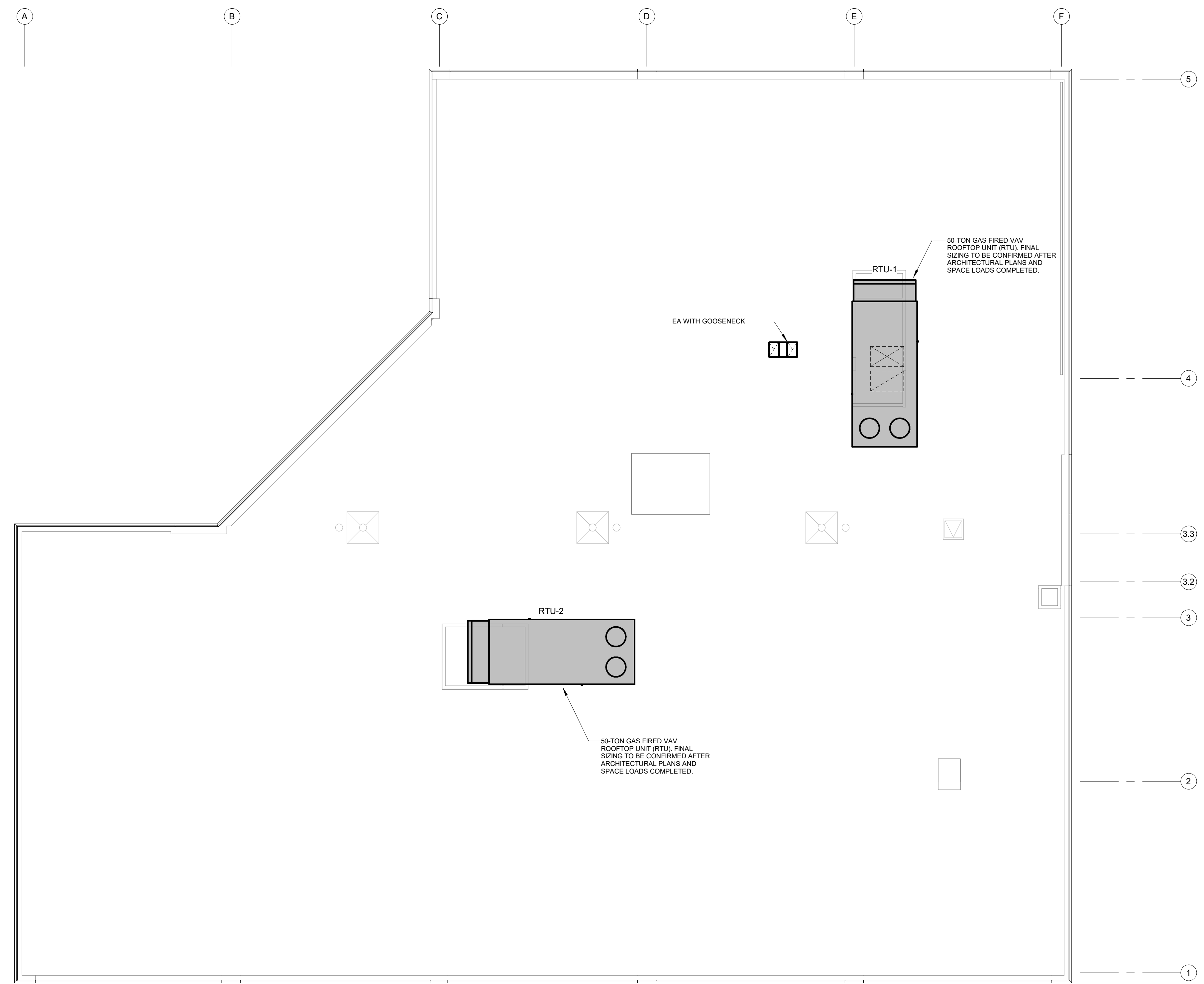
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PROJECT NO. 24012.001

ROOF LEVEL MECHANICAL PLAN

M2-4

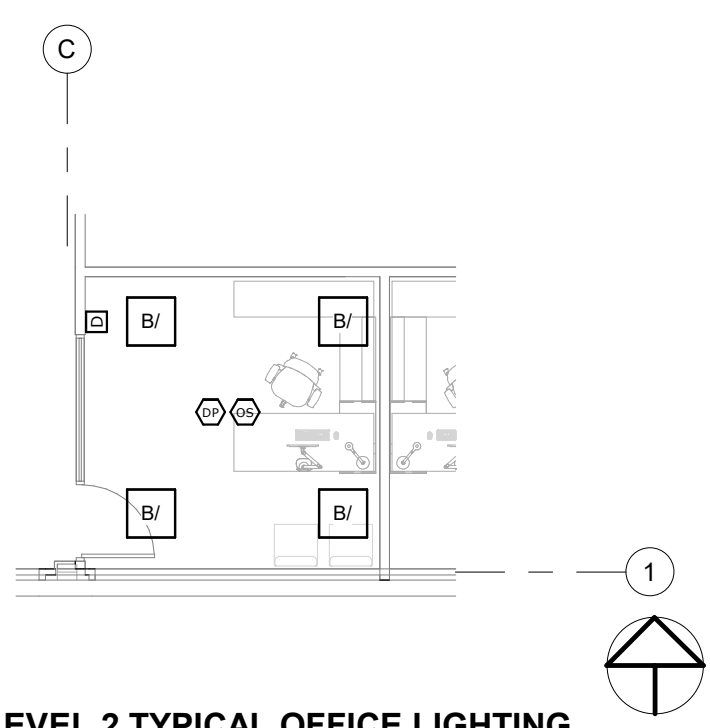
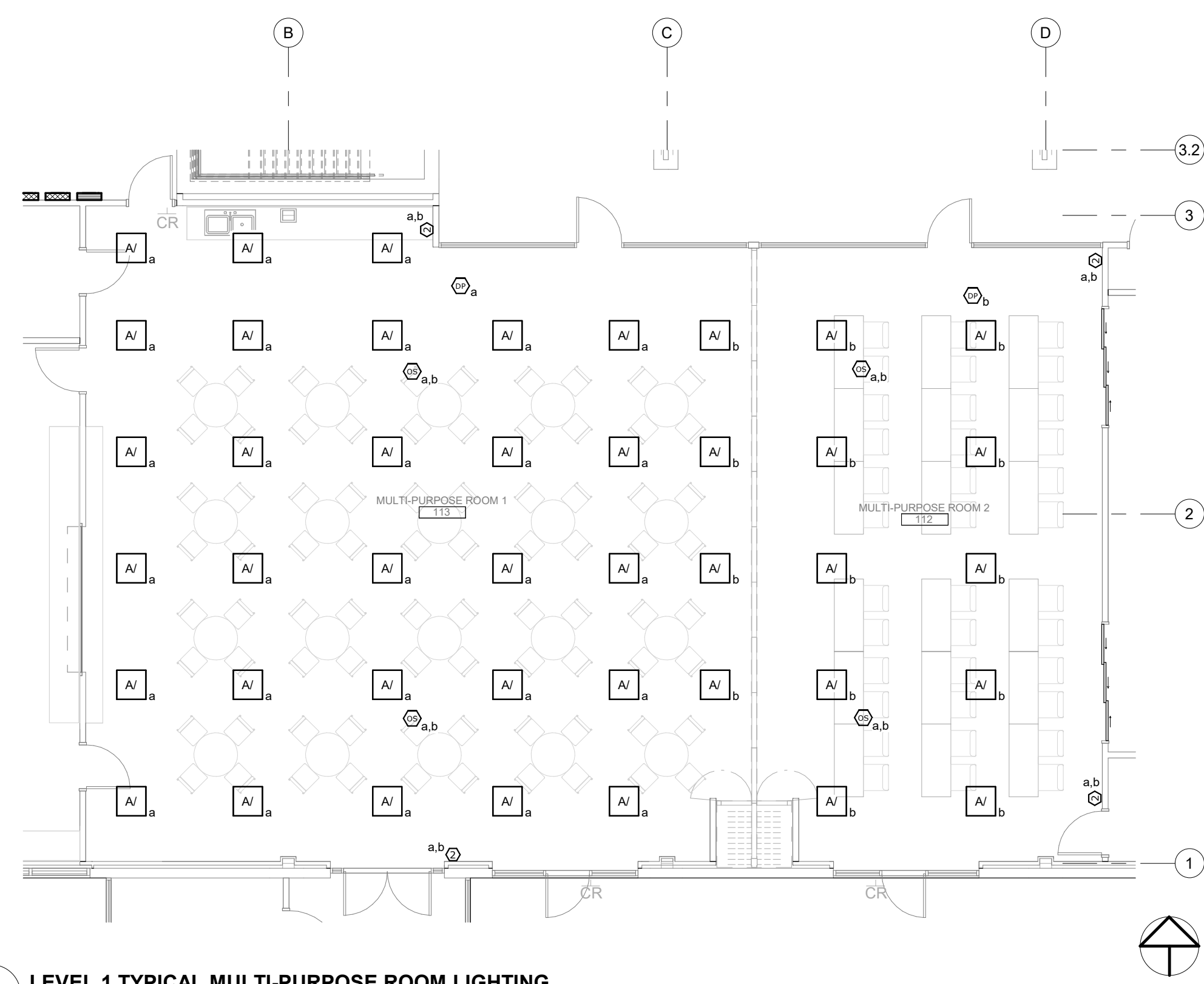
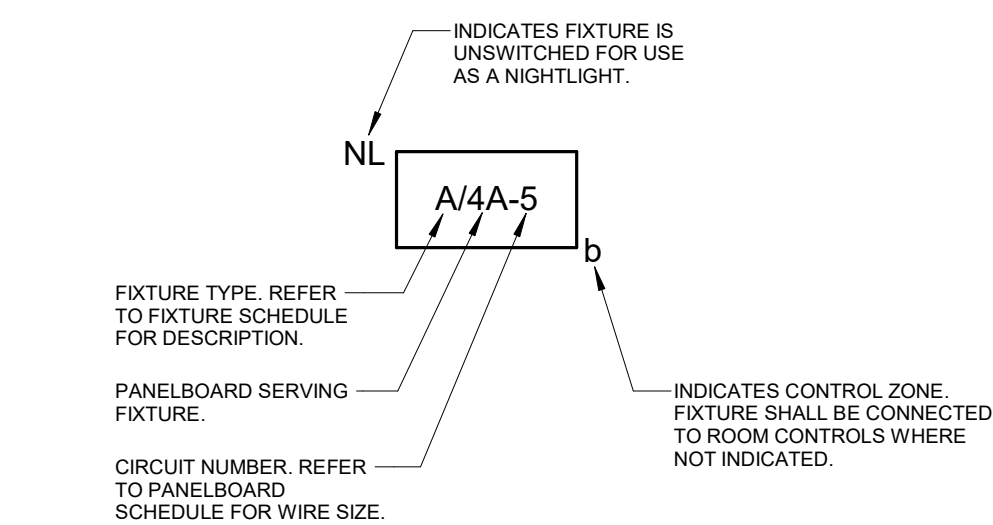
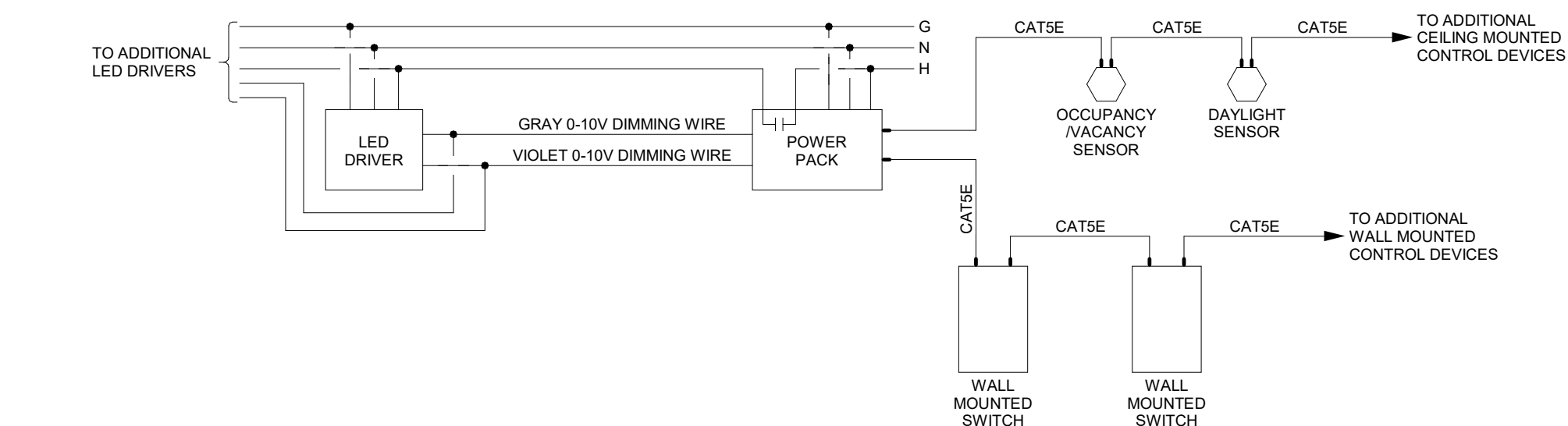
NO. 2025



1 ROOF MECHANICAL PLAN
M2-4 1/8" = 1'-0"

LIGHTING FIXTURE SCHEDULE										
MARK	VOLTAGE	WATTAGE	LUMENS	COLOR TEMP	MOUNTING	DIMMING	FINISH	DESCRIPTION	MANUFACTURER	
A	120/277V	26.5	3300	4000K	LAY-IN	0-10V	WHITE	24" X 24" X 3-1/4"	RECESSED LED LIGHT FIXTURE WITH ACRYLIC DIFFUSER, ALUMINUM FRAME, AND FRAME FOR MOUNTING IN LAY-IN TEE BAR CEILING.	METALUX #22C22 SERIES HUBBELL #LCAT SERIES LITHONIA #BLT1 SERIES CURRENT #PVT1 SERIES
B	120/277V	31	4000	4000K	LAY-IN	0-10V	WHITE	24" X 24" X 3-1/4"	RECESSED LED LIGHT FIXTURE WITH ACRYLIC DIFFUSER, ALUMINUM FRAME, AND FRAME FOR MOUNTING IN LAY-IN TEE BAR CEILING.	METALUX #22C22 SERIES HUBBELL #LCAT SERIES LITHONIA #BLT1 SERIES CURRENT #PVT1 SERIES

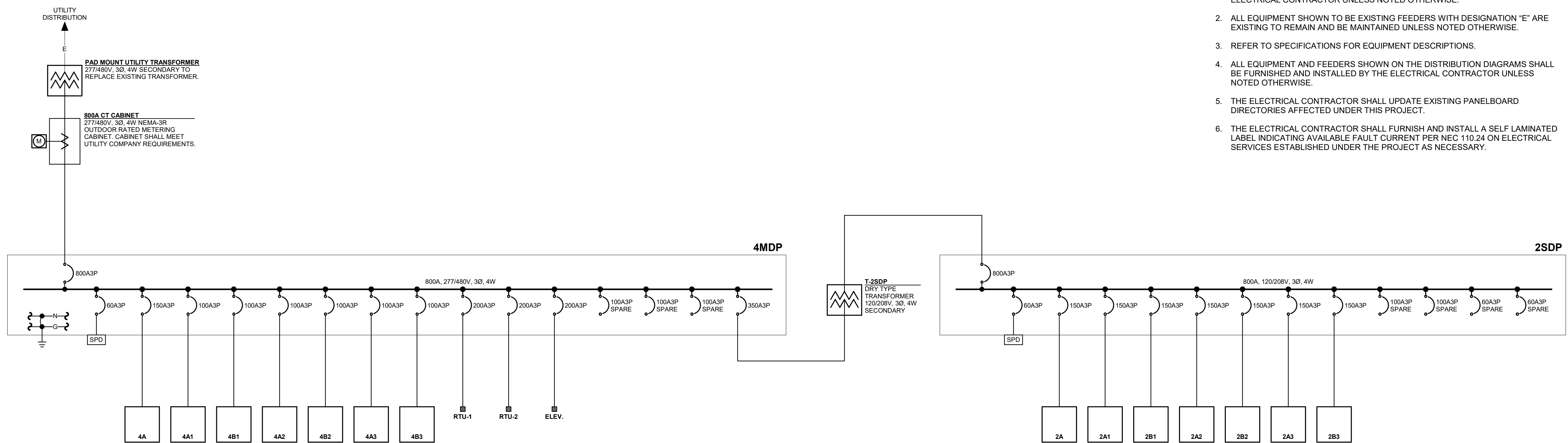
ELECTRICAL DRAWING LIST	
SHEET NUMBER	SHEET NAME
E0-1	ELECTRICAL GENERAL INFORMATION
E1-0	LOWER LEVEL ELECTRICAL DEMOLITION PLAN
E1-1	LEVEL 1 ELECTRICAL DEMOLITION PLAN
E1-2	LEVEL 2 ELECTRICAL DEMOLITION PLAN
E1-3	LEVEL 3 ELECTRICAL DEMOLITION PLAN
E2-0	LOWER LEVEL ELECTRICAL PLAN
E2-1	LEVEL 1 ELECTRICAL PLAN
E2-2	LEVEL 2 ELECTRICAL PLAN
E2-3	LEVEL 3 ELECTRICAL PLAN



EMBOLOS SPECIFICATIONS:

- RECESSED LIGHT FIXTURE. REFER TO FIXTURE SPECIFICATION FOR DESCRIPTION.
- LOW VOLTAGE, SINGLE-CANAL, 3-BUTTON ON/OFF AND RAISE/LOWER DIMMING WALL STATION WITH ENGRAVED BUTTONS INDICATING FUNCTION AND FINISH AS DIRECTED BY THE ARCHITECT. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT FLUSH IN WALL AT 44" TO BOTTOM. STUB A 1" TO FROM BOX TO CEILING PLENUM FOR CABLE INSTALLATION. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. NIGHT INPM-PD-DX SERIES.
- LOW VOLTAGE 3.5" CAPACITIVE TOUCH SCREEN LIGHT SWITCH, UP TO 16 SCENE CONTROL WITH ON/OFF/DIMMING CAPABILITY. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT FLUSH IN WALL AT 44" TO BOTTOM OF DEVICE. MOUNT FLUSH IN WALL AT 44" TO BOTTOM FOR CABLE INSTALLATION. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL. NIGHT INPM-TO TOUCH SERIES.
- 16 AMP POWER/REPLY PACK WITH 0-10V DIMMING CAPABILITIES. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT TO JUNCTION BOX OR ACCESSIBLE CEILING. CONDUIT, SELF-LAMINATED LABEL (WHITE WITH BLACK LETTERS) IDENTIFYING BRANCH PANEL AND CIRCUIT NUMBER. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. NIGHT INPM-PD-SERIES.
- LOW VOLTAGE CEILING MOUNTED DUAL TECHNOLOGY PIR/ULTRASONIC MOTION/PIR SENSOR WITH EXTENDED RANGE (200' 90-FT), 360° DEGREE SENSOR, LOW VOLTAGE AUXILIARY CONTROL FOR BAS INTEGRATION, NETWORKING PORT, AND FINISH AS DIRECTED BY THE ARCHITECT. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. MOUNT OVER FLUSH OCTAGONAL OUTLET BOX IN CEILING. MINIMUM TIME DELAY: 10 SECONDS. MANUAL MODE: MANUAL ON MODE (VACANCY SENSING). NIGHT INPM-CP-PD-10 SERIES.
- 208/120V, 30, 4W SURFACE MOUNTED PANELBOARD. REFER TO PANELBOARD SCHEDULES AND SPECIFICATIONS FOR DESCRIPTION.
- 480/277V, 30, 4W PANELBOARD. REFER TO PANELBOARD SCHEDULES AND SPECIFICATIONS FOR DESCRIPTION.

- DISTRIBUTION DIAGRAM NOTES:**
1. ALL FEEDERS AND EQUIPMENT SHOWN DASHED SHALL BE REMOVED BY THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
 2. ALL EQUIPMENT SHOWN TO BE EXISTING FEEDERS WITH DESIGNATION "E" ARE EXISTING TO REMAIN AND BE MAINTAINED UNLESS NOTED OTHERWISE.
 3. REFER TO SPECIFICATIONS FOR EQUIPMENT DESCRIPTIONS.
 4. ALL EQUIPMENT AND FEEDERS SHOWN ON THE DISTRIBUTION DIAGRAMS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
 5. THE ELECTRICAL CONTRACTOR SHALL UPDATE EXISTING PANELBOARD DIRECTORIES AFFECTED UNDER THIS PROJECT.
 6. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A SELF LAMINATED LABEL INDICATING THE FAULT CURRENT PER NEC 110.24 ON ELECTRICAL SERVICES ESTABLISHED UNDER THE PROJECT AS NECESSARY.

[illegible]

CITY OF BARBERTON
CITY HALL RENOVATION

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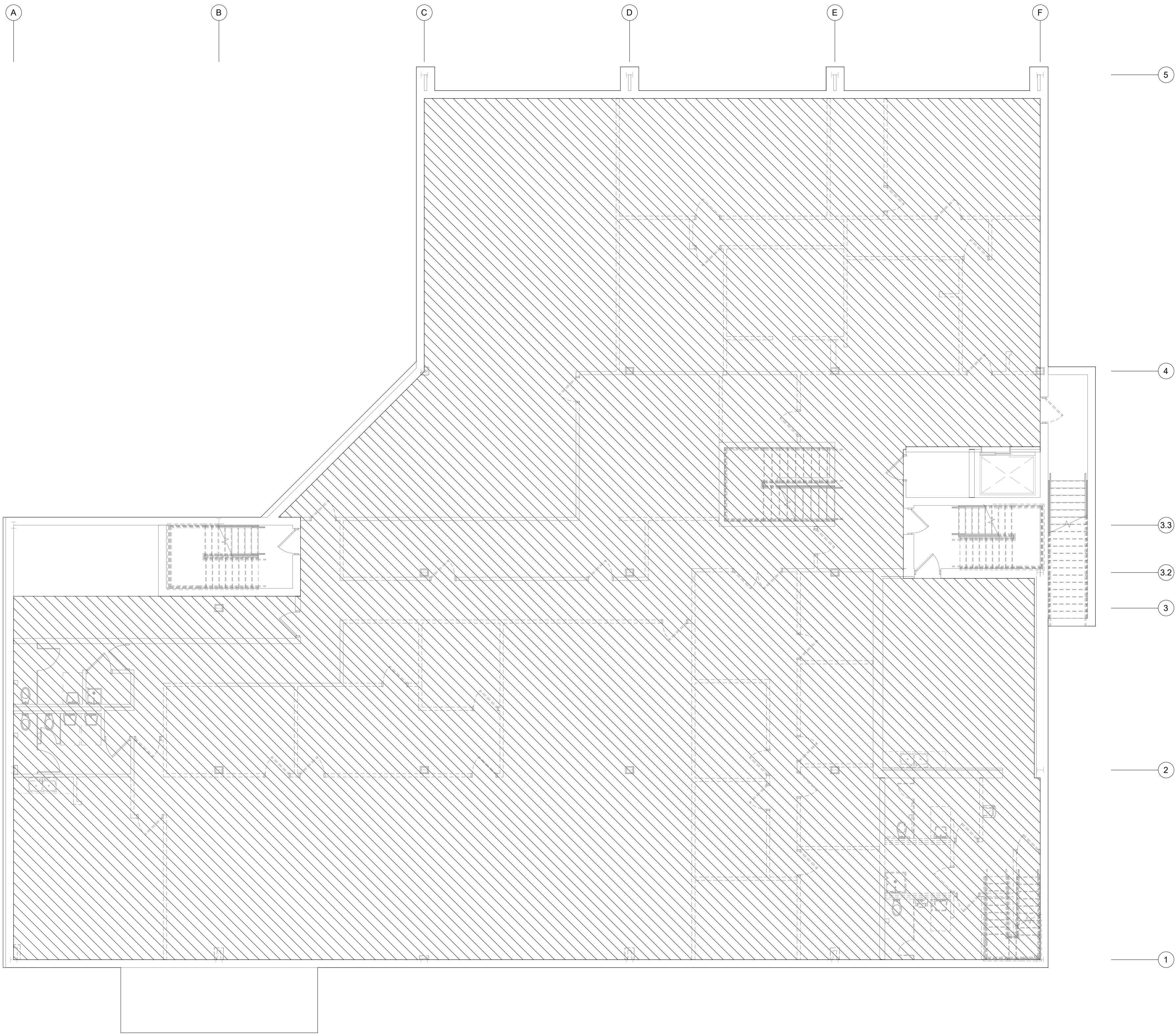
PROJECT NO. 24012.001

LOWER LEVEL ELECTRICAL DEMOLITION PLAN

E1-0

NO. 2025

- ELECTRICAL DEMOLITION NOTES:**
1. CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXTENT OF THE ELECTRICAL DEMOLITION WORK. PROVIDED, THAT SUCH VISIT SHALL BE COMPLETED PRIOR TO THE DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE LIMITED TO AS NOTED ON FLOOR PLAN.
 2. ALL REMOVED MATERIALS SHALL BE OFFERED TO THE OWNER FOR SALVAGE.
A. MATERIAL NOT SELECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE ELECTRICAL CONTRACTOR AND SHALL BE PROPERLY REMOVED FROM THE JOB SITE AND SAFELY DISPOSED OF PER SPECIFICATIONS.
 3. ALL DEMOLITION WORK SHALL BE COORDINATED AND PROCEEDED IN A MANNER THAT ADHERES TO THE PROJECT PHASING. CONTRACTOR SHALL COORDINATE WORK CLOSELY WITH THE GENERAL CONTRACTOR AND CONSTRUCTION MANAGER.
A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ASSURANCE THAT ALL ELECTRICAL POWER IS DISCONNECTED AND MADE SAFE PRIOR TO DEMOLITION WORK TAKING PLACE BY OTHER TRADES.
 - B. LOCK-OUT, TAG-OUT PROCEDURES SHALL BE STRICTLY FOLLOWED IN ACCORDANCE WITH OSHA STANDARDS.



1 LOWER LEVEL ELECTRICAL DEMOLITION PLAN
E1-0 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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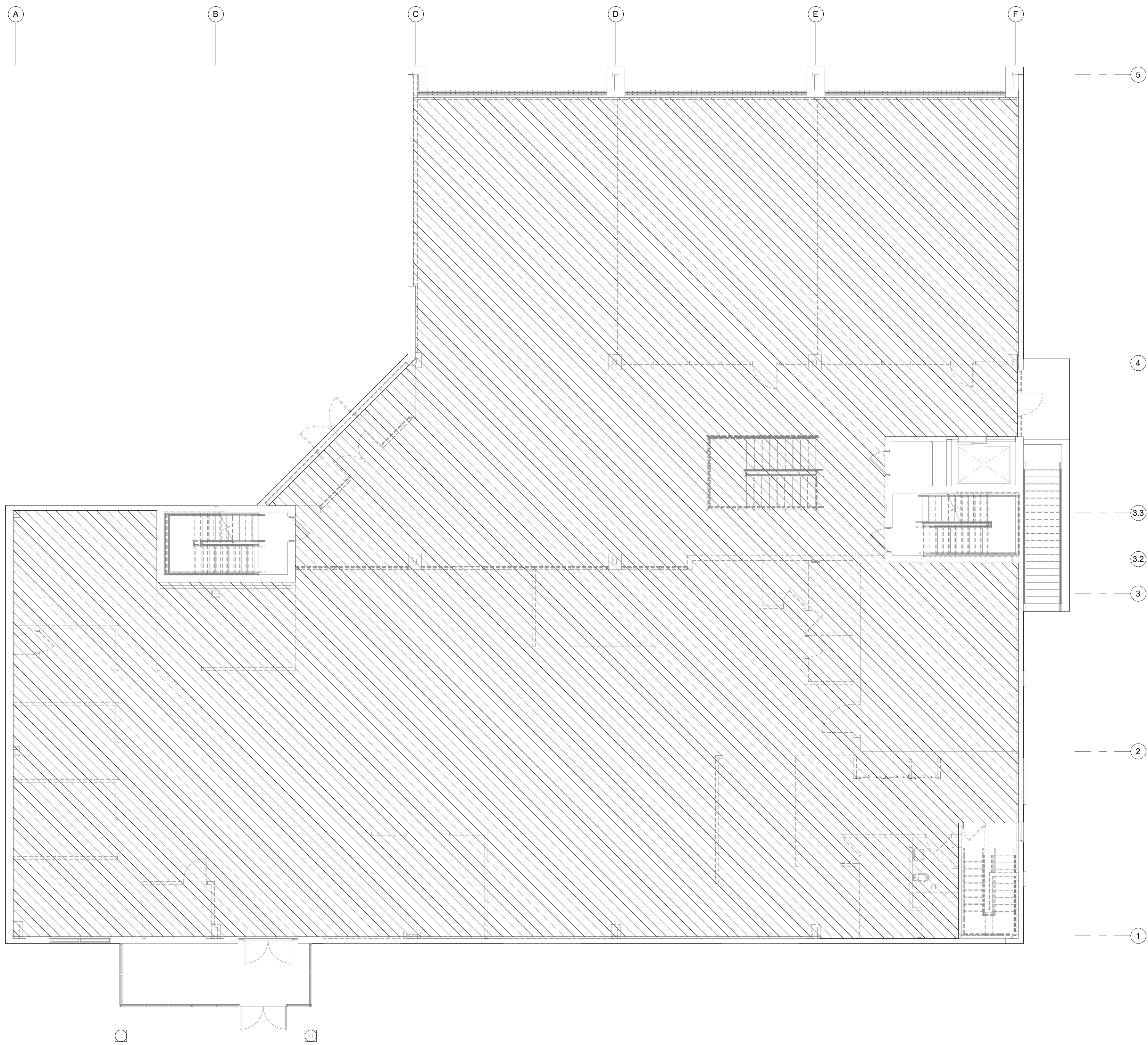
PROJECT NO. 24012.001

LEVEL 1 ELECTRICAL DEMOLITION PLAN

E1-1

NO. 2025

- ELECTRICAL DEMOLITION NOTES:**
1. CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXTENT OF THE ELECTRICAL DEMOLITION WORK. PROVIDED, THAT SUCH VISIT SHALL BE COMPLETED BY THE DATE OF DEMOLITION.
 2. DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE LIMITED TO AS NOTED ON FLOOR PLAN.
 3. ALL REMOVED MATERIALS SHALL BE OFFERED TO THE OWNER FOR SALVAGE.
A. MATERIAL NOT SELECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE ELECTRICAL CONTRACTOR AND SHALL BE PROPERLY REMOVED FROM THE JOB SITE AND SAFELY DISPOSED OF PER SPECIFICATIONS.
 4. ALL DEMOLITION WORK SHALL BE COORDINATED AND PROCEEDED IN A MANNER THAT ADHERES TO THE PROJECT PHASING. CONTRACTOR SHALL COORDINATE WORK CLOSELY WITH THE GENERAL CONTRACTOR AND CONSTRUCTION MANAGER.
A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ASSURANCE THAT ALL ELECTRICAL POWER IS DISCONNECTED AND MADE SAFE PRIOR TO DEMOLITION WORK TAKING PLACE BY OTHER TRADES.
 - B. LOCK-OUT, TAG-OUT PROCEDURES SHALL BE STRICTLY FOLLOWED IN ACCORDANCE WITH OSHA STANDARDS.



1 **LEVEL 1 ELECTRICAL DEMOLITION PLAN**
E1-1 **1/8" = 1'-0"**

CITY OF BARBERTON
CITY HALL RENOVATION

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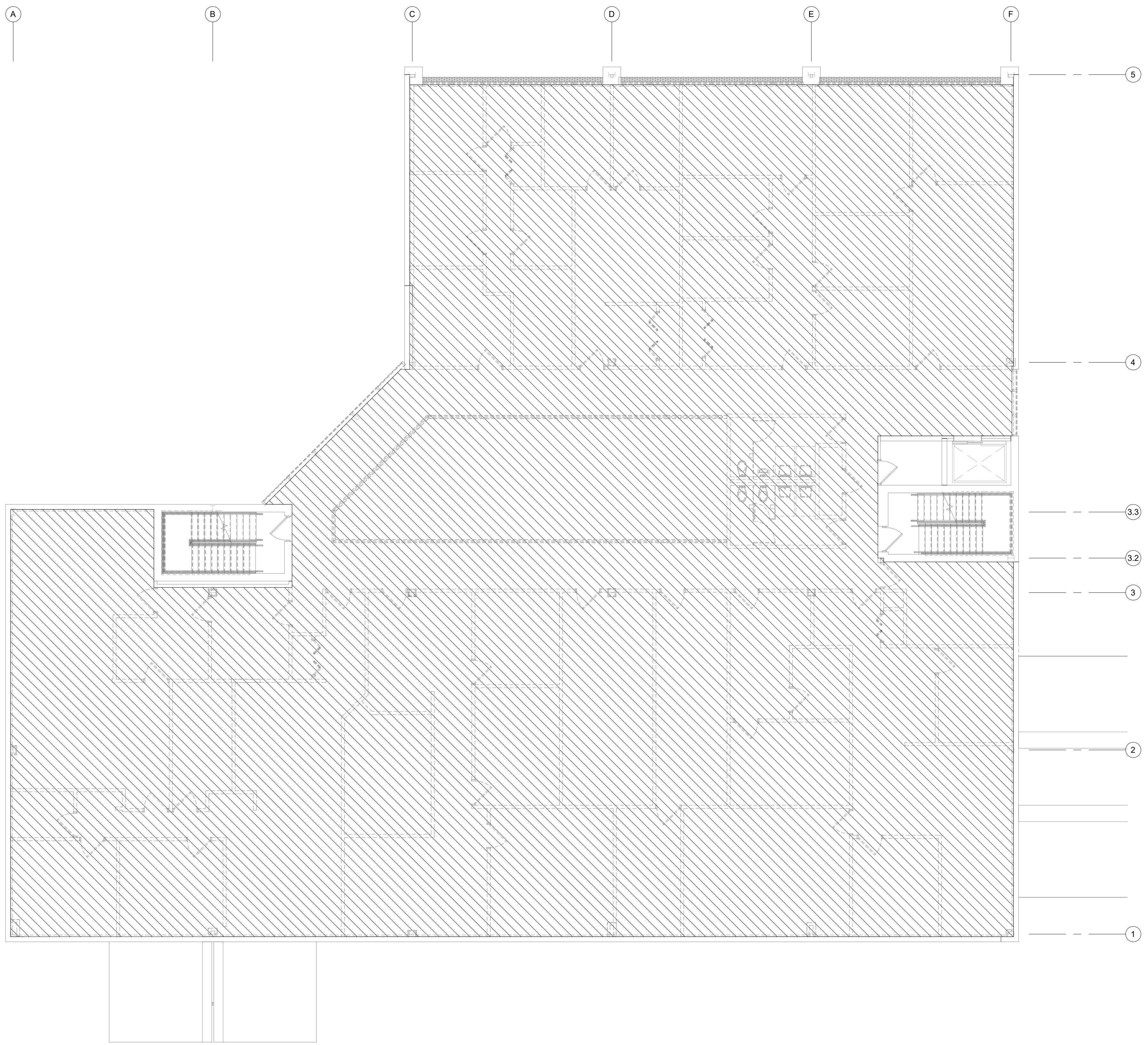
PROJECT NO. 24012.001

LEVEL 2 ELECTRICAL DEMOLITION PLAN

E1-2

NO. 2025

- ELECTRICAL DEMOLITION NOTES:**
1. CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXTENT OF THE ELECTRICAL DEMOLITION WORK INVOLVED, PRIOR TO COMMENCING WORK.
2. DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE LIMITED TO AS NOTED ON FLOOR PLAN.
3. ALL REMOVED MATERIALS SHALL BE OFFERED TO THE OWNER FOR SALVAGE.
4. ALL MATERIAL NOT SELECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE ELECTRICAL CONTRACTOR AND BE RESPONSIBLY AND SAFELY REMOVED FROM THE JOB SITE AND SAFELY DISPOSED OF PER SPECIFICATIONS.
4. ALL DEMOLITION WORK SHALL BE COORDINATED AND PROCEEDED IN A MANNER THAT ADHERES TO THE PROJECT PHASING. CONTRACTOR SHALL BE RESPONSIBLE FOR WORKING CLOSELY WITH THE GENERAL CONTRACTOR AND CONSTRUCTION MANAGER.
- A. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL ELECTRICAL POWER IS DISCONNECTED AND MADE SAFE PRIOR TO DEMOLITION WORK TAKING PLACE BY OTHER TRADES.
- B. LOCK-OUT, TAG-OUT PROCEDURES SHALL BE STRICTLY FOLLOWED IN ACCORDANCE WITH OSHA STANDARDS.



1 **LEVEL 2 ELECTRICAL DEMOLITION PLAN**
E1-2 **1/8" = 1'-0"**

CITY OF BARBERTON
CITY HALL RENOVATION

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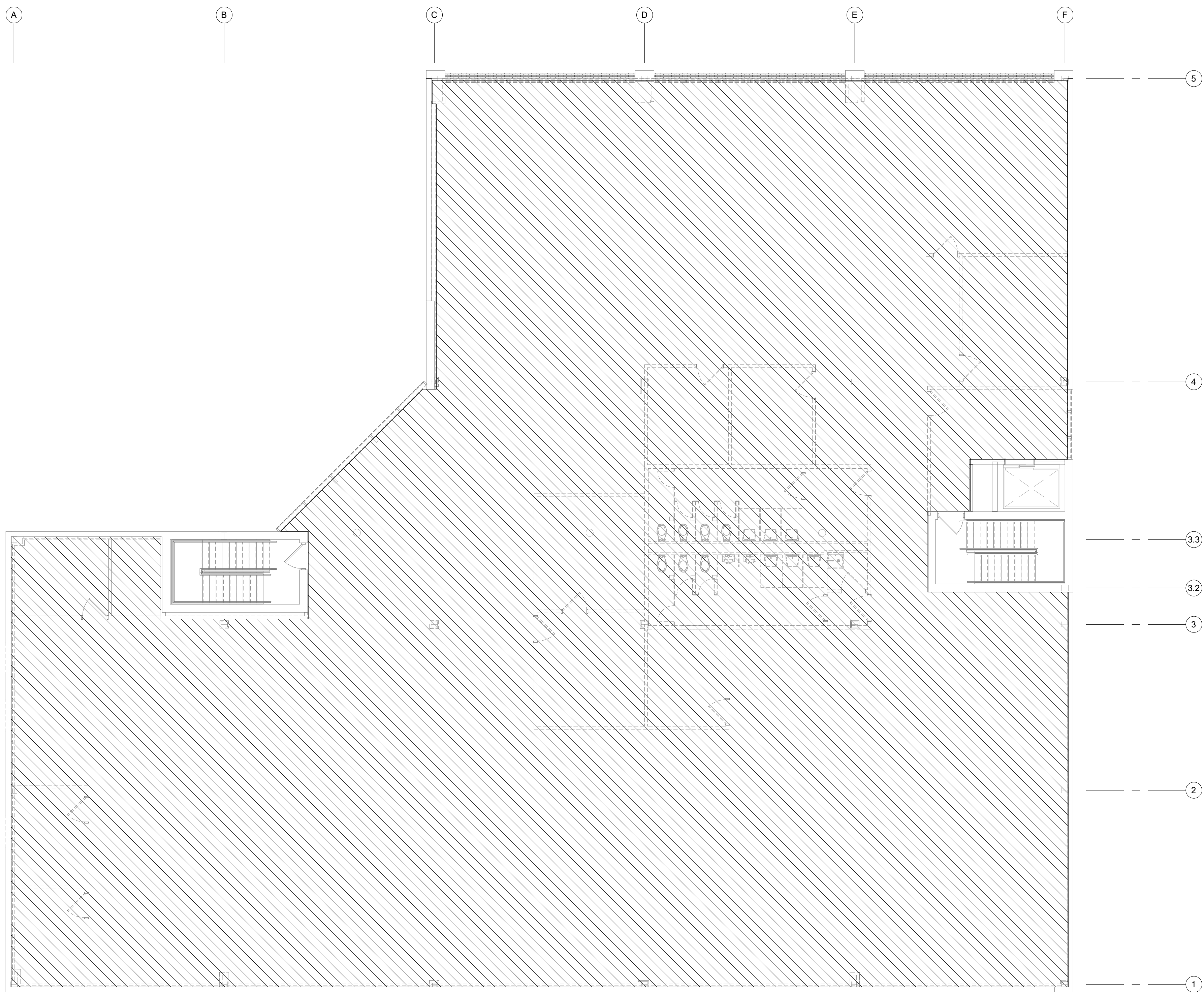
PROJECT NO. 24012.001

LEVEL 3 ELECTRICAL DEMOLITION PLAN

E1-3

NO. 2025

- ELECTRICAL DEMOLITION NOTES:**
1. CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXTENT OF THE ELECTRICAL DEMOLITION WORK. PROVIDED, THAT SUCH VISIT SHALL BE COMPLETED PRIOR TO THE DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE LIMITED TO AS NOTED ON FLOOR PLAN.
 2. ALL REMOVED MATERIALS SHALL BE OFFERED TO THE OWNER FOR SALVAGE.
 - A. MATERIAL NOT SELECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE ELECTRICAL CONTRACTOR AND SHALL BE PROPERLY REMOVED FROM THE JOB SITE AND SAFELY DISPOSED OF PER SPECIFICATIONS.
 3. ALL DEMOLITION WORK SHALL BE COORDINATED AND PROCEEDED IN A MANNER THAT ADHERES TO THE PROJECT PHASING. CONTRACTOR SHALL COORDINATE WORK CLOSELY WITH THE GENERAL CONTRACTOR AND CONSTRUCTION MANAGER.
 - A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ASSURANCE THAT ALL ELECTRICAL POWER IS DISCONNECTED AND MADE SAFE PRIOR TO DEMOLITION WORK TAKING PLACE BY OTHER TRADES.
 - B. LOCK-OUT, TAG-OUT PROCEDURES SHALL BE STRICTLY FOLLOWED IN ACCORDANCE WITH OSHA STANDARDS.



1 LEVEL 3 ELECTRICAL DEMOLITION PLAN
E1-3 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

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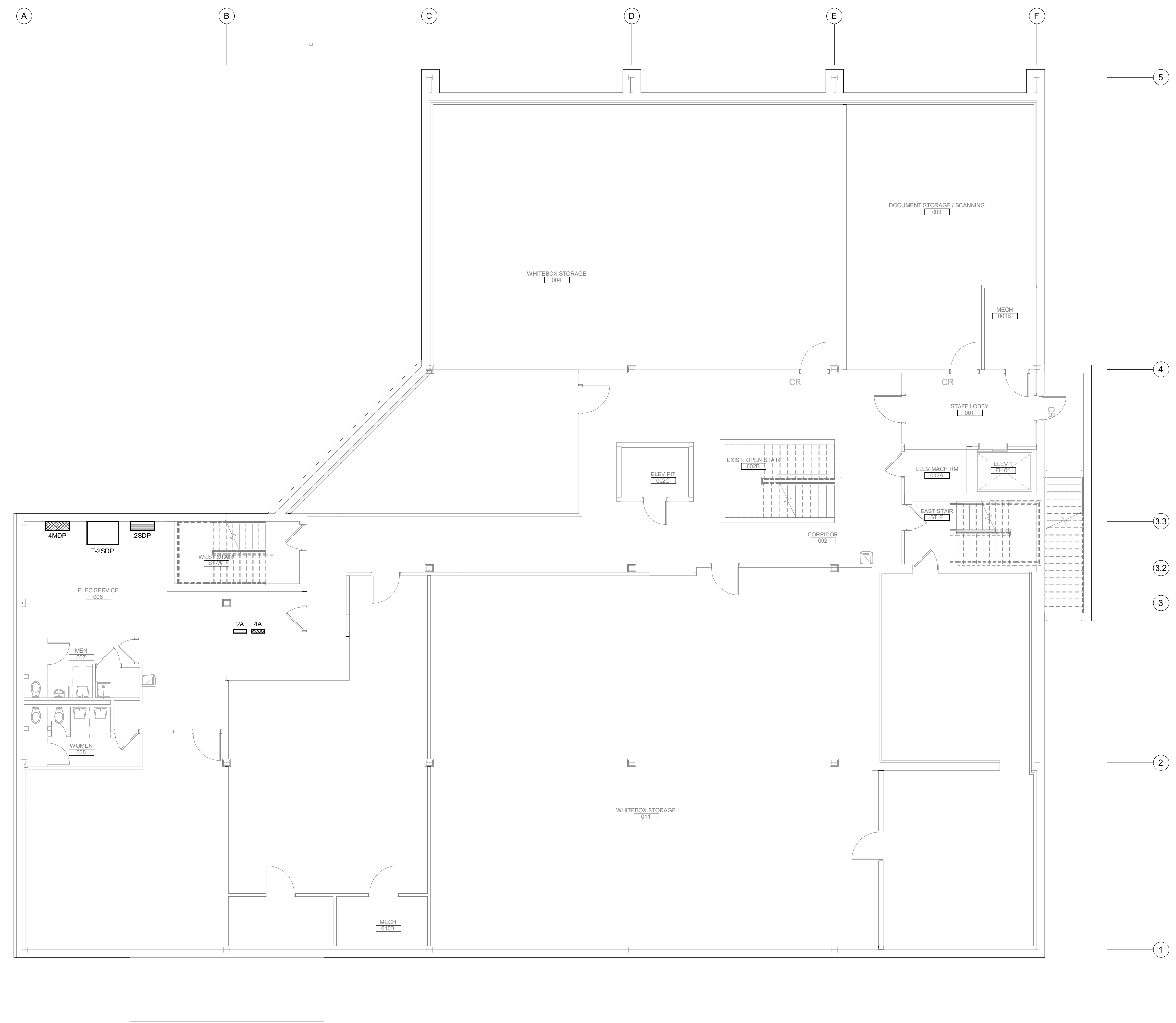
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PROJECT NO. 24012.001

LOWER LEVEL ELECTRICAL PLAN

E2-0

NO. 2025



1 LOWER LEVEL ELECTRICAL PLAN
E2-0 1/8" = 1'-0"

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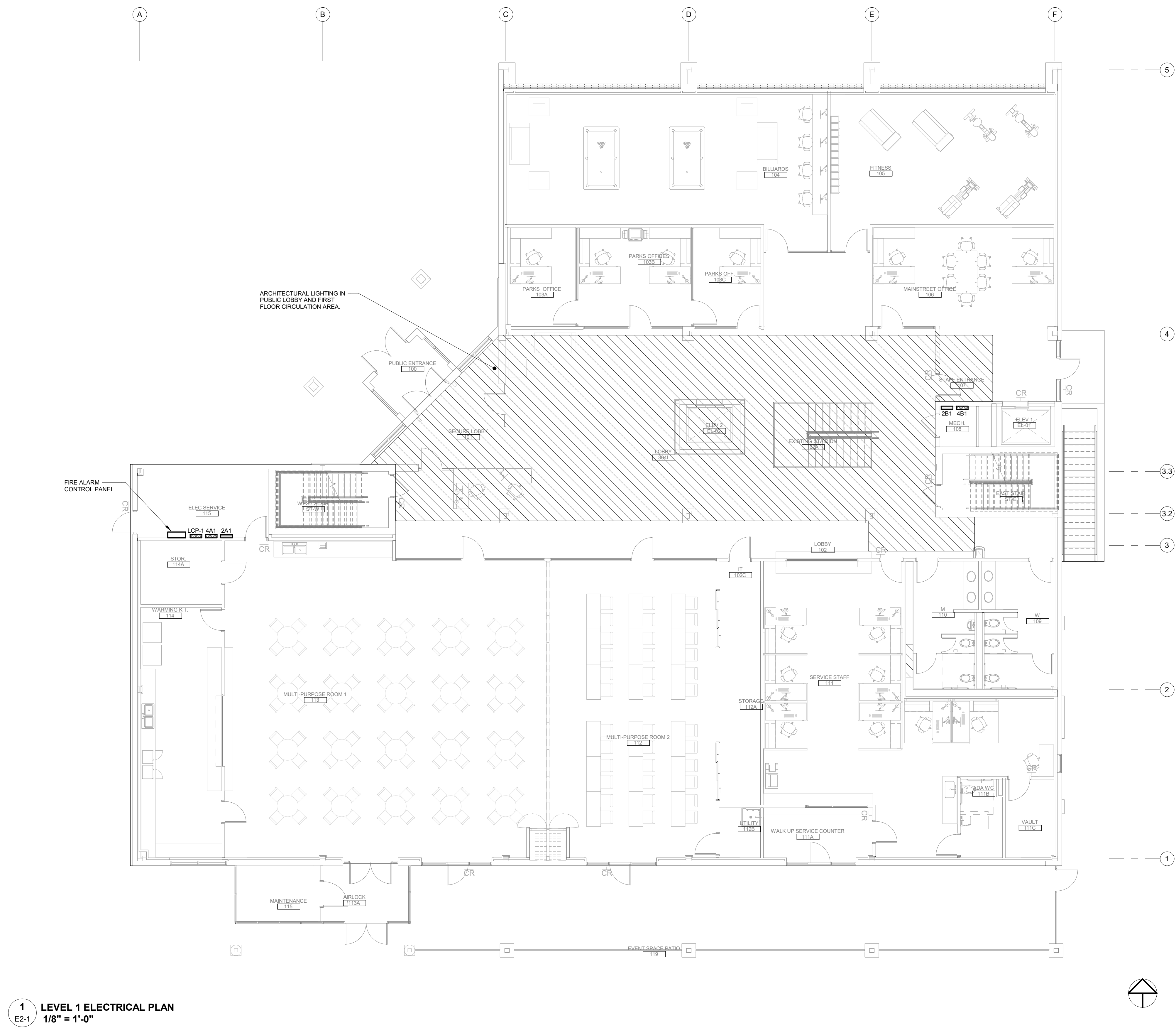
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PROJECT NO. 24012.001

LEVEL 1 ELECTRICAL PLAN

E2-1

NO. 2025



1 LEVEL 1 ELECTRICAL PLAN
E2-1 1/8" = 1'-0"

CITY OF BARBERTON
CITY HALL RENOVATION

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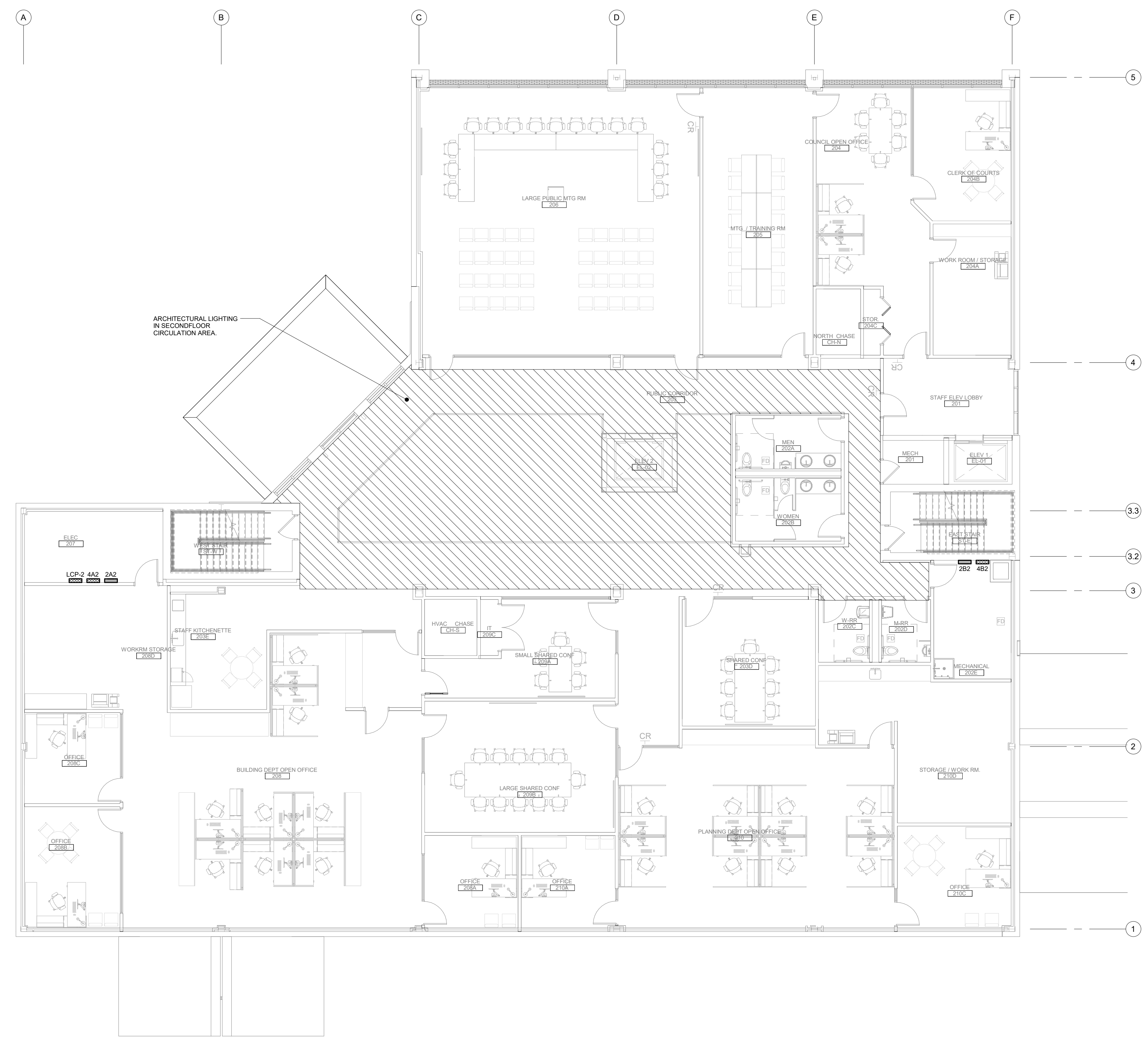
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PROJECT NO. 24012.001

LEVEL 2
ELECTRICAL PLAN

E2-2

O. 2025



1 **LEVEL 2 ELECTRICAL PLAN**
E2-2 **1/8" = 1'-0"**

CITY OF BARBERTON
CITY HALL RENOVATION

480 WEST TUSCARAWAS AVENUE, BARBERTON OHIO 44203



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LEVEL 3
ELECTRICAL PLAN

E2-3

NO. 2025



1 LEVEL 3 ELECTRICAL PLAN
E2-3 1/8" = 1'-0"