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E203 SECOND FLOOR BUILDING C FLOOR PLANS AND ENLARGED PLANS

| | |
|------------------------------------|--|
| A.B. ANCHOR BOLT | INSUL. INSULATION |
| ANG. ANGLE | INT. INTERIOR |
| A.F.F. ABOVE FINISHED FLOOR | MAR. TH. MARBLE THRESHOLD |
| ACT ACUSTICAL CEILING TILE | MATL. MATERIAL |
| ADA AMERICANS W/ DISABILITIES ACT | MFR. MANUFACTURER |
| B.E.J. BRICK EXPANSION JOINT | M.O. MASONRY OPENING |
| B.O.F. BOTTOM OF FOOTING ELEVATION | MR. MOISTURE RESISTANT |
| B.J. BRICK JOINT | M.T.D. MAXIMUM TRAVEL DISTANCE |
| BLKG. BLOCKING | MTL. METAL |
| BM. BEAM | MTL TH. METAL THRESHOLD |
| B.O.D. BOTTOM OF DECK | N.G. NATURAL GRADE |
| BOL. BOLLARD | N.I.C. NOT IN CONTRACT |
| BT. BOTTOM | NT.S. NOT TO SCALE |
| B.F.F. BELOW FINISH FLOOR | NCSBC NORTH CAROLINA STATE BLDG. CODE, ALL REVISIONS |
| CL. CENTER LINE | O.C. ON CENTER |
| CH. CHANNEL | O.D. OVERFLOW DRAIN |
| C.J. CONTROL JOINT | O.D.L. OVERFLOW DRAIN LEADER |
| C.O. CASED OPENING | O.H. OPPOSITE HAND |
| C.T. CERAMIC TILE | O.H.D. OVER HEAD DOOR OCCUPANCY LOAD |
| CAB. CABINET | O.L. OCCUPANCY LOAD |
| C.B. CHALK BOARD | P.J. PRECAST JOINT |
| CHM. CHAMFER | P.LAM PLASTIC LAMINATE |
| C.L. CENTER LINE | P.L. PROPERTY LINE |
| CLG. CEILING | PLYWD. PLYWOOD |
| CLR. CLEAR | P.T. PRESSURE TREATED |
| CMU CONCRETE MASONRY UNIT | P.T.D. PAPER TOWEL DISPENSER |
| CPT. CARPET | R.W.L. RAINWATER LINE |
| COL. COLUMN | R. STAIR RISER |
| CONC. CONCRETE | R.D. ROOF DRAIN |
| CONT. CONTINUOUS | R.D.L. ROOF DRAIN LEADER |
| CSMT. CASEMENT | R.O. ROUGH OPENING |
| DBL. DOUBLE | RAD. RADIUS |
| DEMO DEMOLITION | REQD. REQUIRED |
| DIA. DIAMETER | REV. REVISION |
| DM. DIMENSION | R.H. ROBE HOOK |
| D.F. DRINKING FOUNTAIN | RND. ROUND |
| DTL. DETAIL | S.J. SEISMIC JOINT |
| DWG. DRAWING | S.D. SOAP DISPENSER |
| E.J. EXPANSION JOINT | SECT. SECTION |
| E.D.F. ELECTRIC DRINKING FOUNTAIN | SIM. SIMILAR |
| ELEV. ELEVATION | S.N.D. SANITARY NAPKIN DISPENSER |
| EWC ELECTRIC WATER COOLER | S.S. STAINLESS STEEL |
| EWVH ELECTRIC WATER HEATER | STRUCT. STRUCTURAL |
| EXT. EXTERIOR | T. STAIR TREAD |
| EXIST. EXISTING | T.B. TACK BOARD |
| F.D. FLOOR DRAIN | TGL. TEMPERED GLASS |
| F.F.E. FINISH FLOOR ELEVATION | TH. THRESHOLD |
| F.M.F. FACE OF MASONRY | T.O.F. TOP OF FOOTING |
| F.O.S. FACE OF STUD | T.O.C. TOP OF CURB |
| FIN. FINISH | T.O.M. TOP OF MASONRY |
| FIN.FL. FINISH FLOOR | T.O.P. TOP OF PARAPET |
| F.E. FIRE EXTINGUISHER | T.O.S. TOP OF STEEL |
| F.E.C. FIRE EXTINGUISHER CABINET | T.P.D. TOILET PAPER DISPENSER |
| F.M. FACTORY MUTUAL | TYP. TYPICAL |
| FND. FEMININE NAPKIN DISPENSER | U.N.O. UNLESS NOTED OTHERWISE |
| FTG. FOOTING | V.C.T. VINYL COMPOSITION TILE |
| F.A. FIRE RETARDANT | V.F. VERIFY DIMENSION |
| FRP. FIBER REINFORCED PLASTIC | V.I.F. VERIFY IN FIELD |
| FURR. FURRING | V.T.R. VENT THROUGH ROOF |
| GALV. GALVANIZED | W.B. WHITE BOARD |
| GRD. GRID | W.P. WATER PROOFING |
| GWB. GYPSUM WALL BOARD | W.R. WATER RESISTANT |
| H.B. HOSE BIBB | W. WITH |
| HDR. HEADER | WO. WITHOUT |
| HGT. HEIGHT | WO. WITHOUT |
| HWHB. HOT WATER HOSE BIBB | WO. WITHOUT |

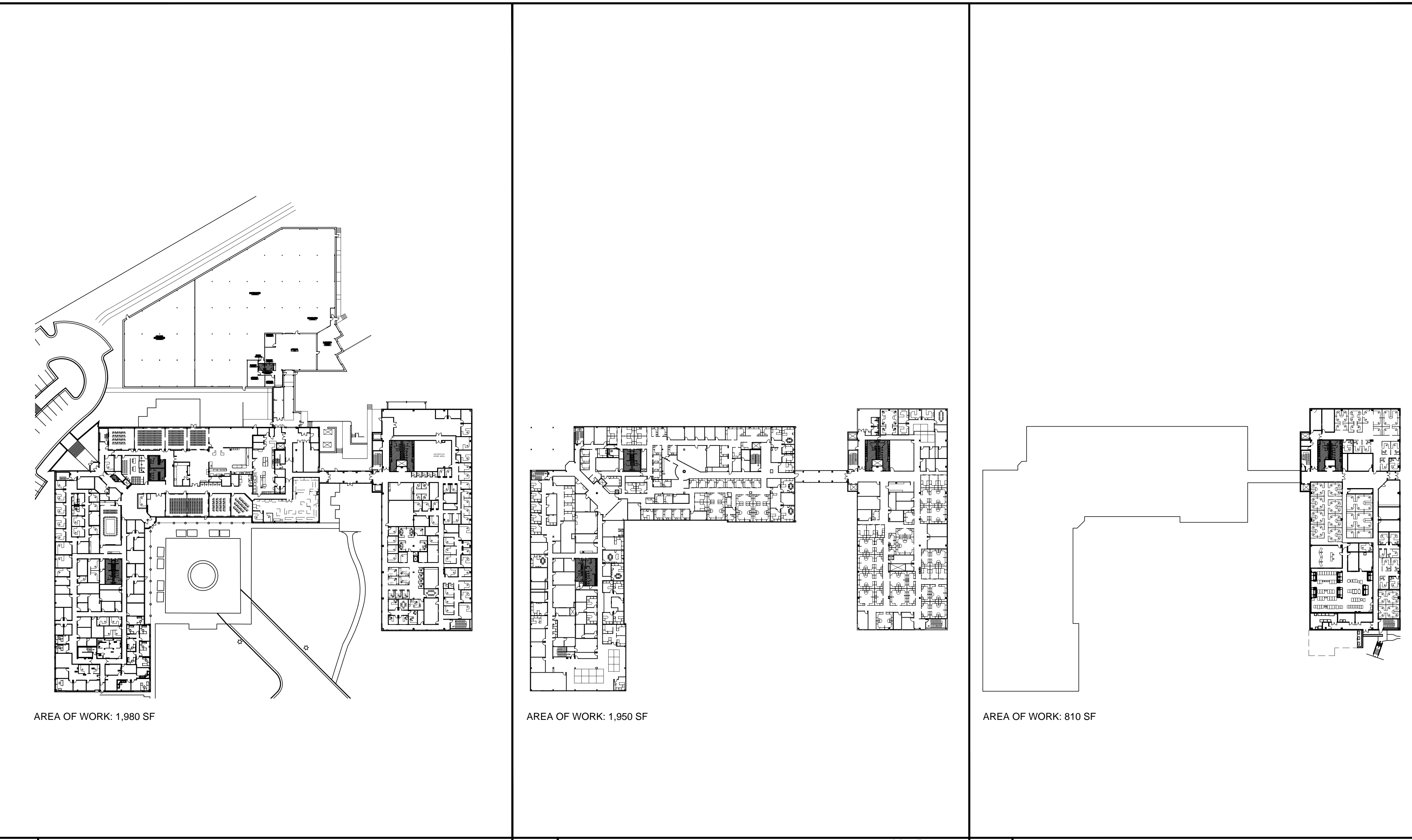
ABBREVIATIONS

| | |
|---------------|---------------------------|
| CONCRETE | WOODS + PLASTICS |
| GRAVEL | PLYWOOD |
| MASONRY | PARTICLEBOARD |
| BRICK | GLUE LAMINATED CONSTRUCT. |
| CMU | ROUGH WOOD FRAMING |
| TERRAZZO | WOOD BLOCKING |
| STONE | SOLID SURFACE MATERIAL |
| METALS | INSULATION |
| STEEL | BATT INSULATION |
| ALUMINUM | RIGID INSULATION |
| SITE | FINISHES |
| EARTH | ACUSTICAL TILE |
| DRAINAGE FILL | CERAMIC TILE |
| BACKFILL | CARPET |
| CLAY | GYPSUM BOARD |
| | PLASTIC LAMINATE |

MATERIALS

| | |
|--------------------|------------------------|
| BUILDING ELEVATION | SPOT ELEVATION |
| INTERIOR ELEVATION | DETAIL REFERENCE |
| NORTH ARROW | DOOR TAG |
| NORTH | WINDOW TAG |
| COLUMN GRID LINE | WALL TAG |
| Name Elevation | REVISION TAG |
| FLOOR ELEVATION | CEILING TAG |
| SECTION | FINISH TAG |
| | 20R # 7 1/2" STAIR TAG |
| | ROOM TAG |

SYMBOLS



A3 KEY PLAN - FIRST FLOOR AND WAREHOUSE SCALE: 1/64" = 1'-0"
A4 KEY PLAN - SECOND FLOOR SCALE: 1/64" = 1'-0"
A5 KEY PLAN - LOWER LEVEL SCALE: 1/64" = 1'-0"

FACILITY IMPROVEMENTS FOR:
NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS
901 CORPORATE CENTER DRIVE
RALEIGH, NORTH CAROLINA

BUILDING OWNER

NORTH CAROLINA ADMINISTRATIVE OFFICES
901 Corporate Center Drive Raleigh, North Carolina 27607
T: (919) 890-1373
Contact: Joseph Honeycutt

**GENERAL CONTRACTOR
TO BE SELECTED**

ARCHITECT

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T: (919) 832-6658 F: (919) 833-2255
Architect: Anna Hendrick, AIA

PLUMBING, MECHANICAL & ELECTRICAL

SALAS OB'BRIEN
1620 Midtown Place Raleigh, NC 27609
T: 919.832.8118
Engineer: Danny Lundstrom

INTEGRATED DESIGN, PA.
REGISTERED PROFESSIONAL ARCHITECT
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FACILITY IMPROVEMENTS FOR:
NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS
901 CORPORATE CENTER DRIVE
RALEIGH, NORTH CAROLINA

DWG BY: KHB
CHK BY: ADH

NO. DATE DESCRIPTION
0 07/28/2023 ISSUE FOR PERMIT

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Dwg scaled for 42x30 plots

COVER SHEET

JOB CODE: NCAOCTR
DRAWING NUMBER

COVR
100

2018 APPENDIX B BUILDING CODE SUMMARY

FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: North Carolina Administrative Office of the Courts - Toilet Rooms Improvements
Address: 901 Corporate Center Drive, Raleigh, NC 27607
Proposed Use: Business, A-2, A-3, S-1
Owner or Authorized Agent: Joey Honeycutt
Phone: 919.890.1373
Email: joseph.r.honeycutt@nccourts.org
City/County: Raleigh, NC
Code Enforcement Jurisdiction: City

Project Description: THE SCOPE OF THIS PROJECT CONSISTS OF THE RENOVATION OF ALL TOILET FACILITIES ACROSS BUILDINGS A, B, C, AND THE WAREHOUSE. THIS INCLUDES THE REPLACEMENT OF ALL PLUMBING FIXTURES, FINISHES, AND UTILITIES.

| DESIGNER | FIRM | NAME | LICENSE | PHONE | E-MAIL |
|----------------|-------------------|---------------|---------|--------------|-------------------------------|
| Architectural: | Integrated Design | Anna Hendrick | 14015 | 919.832.6658 | anna.hendrick@id-aep.com |
| Civil: | | | | | |
| Electrical: | Salas O'Brien | Matt Johnson | 039503 | 919.832.8118 | matt.johnson@salasobrien.com |
| Fire Alarm: | Salas O'Brien | Justin Sarfin | 050567 | 919.832.8118 | justin.sarfin@salasobrien.com |
| Plumbing: | Salas O'Brien | Justin Sarfin | 050567 | 919.832.8118 | justin.sarfin@salasobrien.com |
| Mechanical: | Salas O'Brien | Justin Sarfin | 050567 | 919.832.8118 | justin.sarfin@salasobrien.com |
| Sprinkler: | N/A | N/A | N/A | N/A | N/A |
| Standpipe: | | | | | |
| Structural: | | | | | |
| Precast: | N/A | N/A | N/A | N/A | N/A |
| Trusses: | N/A | N/A | N/A | N/A | N/A |
| Retaining: | N/A | N/A | N/A | N/A | N/A |
| Walls >5': | | | | | |
| Other: | | | | | |

Other should include firms and individuals such as trust, pre-engineered, interior designers, etc.

2018 NC Building Code: New Building Shell/Core 1st Time Interior Completions
 Addition Phased Construction - Shell Core
2018 NC Existing Building Code: Prescriptive Alteration Level I Historic Property
 Repair Alteration Level II Change of Use
 Chapter 14 Alteration Level III

Constructed: (date) 1986 Current Occupancy: (Ch.3): Business, A-2, A-3, S-1
Renovated: (date) 1990 Proposed Occupancy: (Ch.3): Business, A-2, A-3, S-1

Risk Category (Table 1604.5): Current: II Proposed: II

BASIC BUILDING DATA

Construction Type: I-A II-A III-A IV V-A
 I-B II-B III-B V-B
Sprinklers: No Partial NFPA 13 NFPA 13R NFPA 13D
Standpipes: No Class I II III Wet Dry
Primary Fire District: No Yes Flood Hazard Area: No Yes
Special Inspections Required: No Yes

GROSS BUILDING AREA

| FLOOR | EXISTING (SQ FT) | NEW (SQ FT) | SUB-TOTAL |
|-----------------------------------|-------------------|-------------|-------------------|
| 1st Floor - Building A & B | 51,528 SF | 0 | 51,528 SF |
| 2nd Floor - Building A & B | 52,336 SF | 0 | 52,336 SF |
| TOTAL - Building A & B | 103,864 SF | 0 | 103,864 SF |
| 1st Floor - Building C | 26,967 SF | 0 | 26,967 SF |
| 2nd Floor - Building C | 26,967 SF | 0 | 26,967 SF |
| Lower Floor - Building C | 26,967 SF | 0 | 26,967 SF |
| TOTAL - Building C | 80,901 SF | 0 | 80,901 SF |
| 1st Floor - Building W | 36,766 SF | 0 | 36,766 SF |
| TOTAL - Building W | 36,766 SF | 0 | 36,766 SF |

*See key plan for Building A & B, Building C, and Building W locations. Buildings separated by existing fire walls to remain.

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly: A-1 A-2 A-3 A-4 A-5
Business: F-1 Moderate F-2 Low H-4 Health H-5 HPM
Hazardous: H-1 Detonate H-2 Deflagrate H-3 Combust I-1
Institutional: I-1 I-2 I-3 I-4
Mercantile: R-1 R-2 R-3 R-4
Residential: S-1 Moderate S-2 Low High-piled
Storage: Parking Garage Open Enclosed Repair Garage
Utility and Miscellaneous:

Accessory Occupancy Classification(s):
Incidental Uses (Table 509):
This separation is not exempt as a Non-Separated Use (see exceptions).
Special Uses (Chapter 4 - List Code Sections): Section 410.4 Platforms
Special Provisions (Chapter 5 - List Code Sections):
Mixed Occupancy: No Yes Separation: Hr. Exception:
 Non-Separated Use (508.3)
 Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

$$\frac{0}{0} + \frac{0}{0} + \frac{0}{0} + \frac{0}{0} + \frac{0}{0} = 0 \leq 1$$

BOTH BUILDING AND TENANT MUST BE LISTED ON CHART BELOW

| STORY NO. | DESCRIPTION AND USE | (A) BLDG AREA PER STORY (ACTUAL) | (B) TABLE 506.2 ¹ AREA | (C) AREA FOR FRONTAGE INCREASE ¹ | (D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3} |
|-----------|----------------------|----------------------------------|-----------------------------------|---|--|
| 1st A & B | A-2 Cafeteria | 5,080 SF | 28,500 SF | 19,950 SF | 48,000 SF |
| 1st A & B | A-3 Conf/Train/Court | 7,965 SF | 28,500 SF | 19,950 SF | 48,000 SF |
| 1st A & B | Business | 38,583 SF | 69,000 SF | 48,300 SF | 117,300 SF |
| 2nd A & B | Business | 52,336 SF | 69,000 SF | 48,300 SF | 117,300 SF |
| 1st C | A-3 Conf Room | 840 SF | 28,500 SF | 20,805 SF | 49,305 SF |
| 1st C | Business | 26,127 SF | 69,000 SF | 50,370 SF | 119,370 SF |
| 2nd C | A-3 Conf Room | 960 SF | 28,500 SF | 20,805 SF | 49,305 SF |
| 2nd C | Business | 26,007 SF | 69,000 SF | 50,370 SF | 119,370 SF |
| Lower C | Business | 26,967 SF | 69,000 SF | 50,370 SF | 119,370 SF |
| 1st W | S-1 Warehouse | 36,766 SF | 52,500 SF | 38,225 SF | 88,725 SF |

¹ Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 10 ft (F)
b. Total Building Perimeter = 20 ft (F)
c. Ratio (F/F) = 0.5 (F/F)
d. W = Minimum width of public way = 0 ft (W)
² Unlimited area applicable under conditions of Section 507.
³ Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
⁴ The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
⁵ Frontage increase is based on the un-sprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

| | ALLOWABLE | SHOWN ON PLANS | CODE REFERENCE |
|--|-----------|--|----------------|
| Building Height in Feet (Table 504.3) | 75' | Building A & B: 31' / 2 Stories Building C: 39' / 3 Stories | |
| Building Height in Stories (Table 504.4) | 3 | Building W: 32' / 1 Story | |

¹ Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

| BUILDING ELEMENT | FIRE SEPARATION DISTANCE (FEET) | RATING | | DETAIL # AND SHEET | DESIGN # FOR RATED ASSEMBLIES | SHEET # FOR RATED PENETRATION | SHEET # FOR RATED PENETRATION |
|--|---------------------------------|-------------------|-------------------------|--------------------|-------------------------------|-------------------------------|-------------------------------|
| | | REQD ¹ | PROVIDED (W/ REDUCTION) | | | | |
| Structural Frame, including columns, girders, trusses | >30' | 0HR | 0HR | | | | |
| Bearing Walls | | | | | | | |
| Exterior | | | | | | | |
| North | N/A | | | | | | |
| East | N/A | | | | | | |
| West | N/A | | | | | | |
| South | N/A | | | | | | |
| Interior | N/A | | | | | | |
| Nonbearing Walls and Partitions | | | | | | | |
| Exterior walls | | | | | | | |
| North | 10' X < 30 | 0HR | 0HR | | | | |
| East | 10' X < 30 | 0HR | 0HR | | | | |
| West | 10' X < 30 | 0HR | 0HR | | | | |
| South | 10' X < 30 | 0HR | 0HR | | | | |
| Interior walls and partitions | | | | | | | |
| North | | 0HR | 0HR | | | | |
| East | | 0HR | 0HR | | | | |
| West | | 0HR | 0HR | | | | |
| South | | 0HR | 0HR | | | | |
| Floor Construction | | | | | | | |
| Including supporting beams and joists | | 0HR | 0HR | | | | |
| Floor Ceiling Assembly | | N/A | N/A | | | | |
| Columns Supporting Floors | | 0HR | 0HR | | | | |
| Roof construction, including supporting beams and joists** | | 0HR | 0HR | | | | |
| Roof Ceiling Assembly | | N/A | N/A | | | | |
| Columns Supporting Roof | | 0HR | 0HR | | | | |
| Shaft Enclosures - Exit | | 1HR | 1HR/EXIST | | | | |
| Shaft Enclosures - Other | | 1HR | 1HR/EXIST | | | | |
| Corridor Separation | | N/A | N/A | | | | |
| Occupancy/Fire Barrier Separation | | N/A | N/A | | | | |
| Party/Fire Wall Separation | | 2HR/3HR** | 4HR/3HR** | | | | |
| Smoke Barrier Separation | | N/A | N/A | | | | |
| Smoke Partition | | N/A | N/A | | | | |
| Tenant/Dwelling Unit/Sleeping Unit Separation | | N/A | N/A | | | | |
| Incidental Use Separation | | N/A | N/A | | | | |

¹ Indicate section number permitting reduction.
² Fire walls are existing to remain. A 2 HR fire wall is required and a 4HR fire wall is existing to remain between buildings A&B and C.
³ A 3HR fire wall is required and is existing to remain between buildings A&B and W.

PERCENTAGE OF WALL OPENING CALCULATIONS

| FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES | DEGREE OF OPENINGS PROTECTION (TABLE 705.6) | ALLOWABLE AREA (%) | ACTUAL SHOWN ON PLANS (%) |
|---|---|--------------------|---------------------------|
| 22'*** | UP, S | NO LIMIT | NO LIMIT |
| > 30' | UP, S | NO LIMIT | NO LIMIT |
| > 30' | UP, S | NO LIMIT | NO LIMIT |
| > 30' | UP, S | NO LIMIT | NO LIMIT |

*** Fire separation distance between Building A&B and Building W. All other conditions have > 30' fire separation distance.

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: Yes No Partial
Exit Signs: Yes No Partial
Fire Alarm: Yes No Partial
Smoke Detection Systems: No Partial
Carbon Monoxide Detection: Yes No Partial

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet # COVR-102A, COVR-102B, COVR-103, COVR-104
 Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations (if not on the site plan)
 Exterior wall opening area with respect to distance to assumed property lines (705.6)
 Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
 Occupant loads for each area
 Exit access travel distances (1017)
 Common path of travel distances (1006.2.1 & 1006.3.2(1))
 Dead end lengths (1023.4)
 Clear exit widths for each exit door
 Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
 Actual occupant load for each exit door
 A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
 Location of doors with panic hardware (1010.1.10)
 Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
 Location of doors with electromagnetic egress locks (1010.1.9.9)
 Location of doors equipped with hold-open devices
 Location of emergency escape windows (1030)
 The square footage of each fire area (202)
 The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
 Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS

| TOTAL UNITS | ACCESSIBLE UNITS REQUIRED | ACCESSIBLE UNITS PROVIDED | TYPE A UNITS REQUIRED | TYPE A UNITS PROVIDED | TYPE B UNITS REQUIRED | TYPE B UNITS PROVIDED | TOTAL ACCESSIBLE UNITS PROVIDED |
|-------------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ACCESSIBLE PARKING

| LOT OR PARKING AREA | TOTAL # OF PARKING SPACES | | # OF ACCESSIBLE SPACES PROVIDED | | | | TOTAL # ACCESSIBLE PROVIDED |
|---------------------|---------------------------|----------|---------------------------------|-----------------------------------|-----------------|-----------------|-----------------------------|
| | REQUIRED | PROVIDED | REGULAR WITH 5' ACCESS AISLE | VAN SPACES WITH 132" ACCESS AISLE | 8' ACCESS AISLE | 9' ACCESS AISLE | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL: | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

1ST FLOOR

| USE | WATERCLOSETS | | | URINALS | LAVATORIES | | | SHOWERS /TUBS | DRINKING FOUNTAINS | |
|--------------|--------------|--------|--------|---------|------------|--------|--------|---------------|--------------------|------------|
| | MALE | FEMALE | UNISEX | | MALE | FEMALE | UNISEX | | REGULAR | ACCESSIBLE |
| SPACE EXISTG | 8 | 16 | 1 | 9 | 13 | 13 | 1 | 0 | 4 | 1 |
| NEW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| REQD | 12 | 17 | 0 | 0 | 8 | 8 | 0 | 0 | 4 | 4 |

2ND FLOOR

| USE | WATERCLOSETS | | | URINALS | LAVATORIES | | | SHOWERS /TUBS | DRINKING FOUNTAINS | |
|--------------|--------------|--------|--------|---------|------------|--------|--------|---------------|--------------------|------------|
| | MALE | FEMALE | UNISEX | | MALE | FEMALE | UNISEX | | REGULAR | ACCESSIBLE |
| SPACE EXISTG | 11 | 13 | 0 | 13 | 14 | 11 | 0 | 0 | 3 | 3 |
| NEW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| REQD | 9 | 10 | 0 | 0 | 6 | 6 | 0 | 0 | 5 | 5 |

BASEMENT

| USE | WATERCLOSETS | | | URINALS | LAVATORIES | | | SHOWERS /TUBS | DRINKING FOUNTAINS | |
|--------------|--------------|--------|--------|---------|------------|--------|--------|---------------|--------------------|------------|
| | MALE | FEMALE | UNISEX | | MALE | FEMALE | UNISEX | | REGULAR | ACCESSIBLE |
| SPACE EXISTG | 3 | 7 | 0 | 4 | 5 | 5 | 0 | 1 | 1 | 1 |
| NEW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| REQD | 4 | 4 | 0 | 0 | 3 | 3 | 0 | 0 | 2* | 2* |

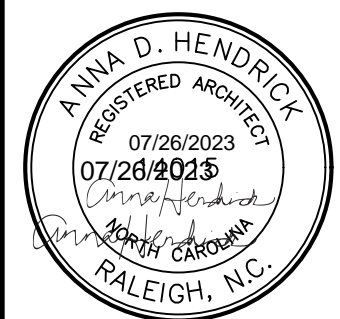
*PER NCSBC 2002.3.2, FIXTURES MAY BE INSTALLED ONE FLOOR ABOVE OR BELOW SPACE REQUIRED, WITH TRAVEL PATH NOT EXCEEDING 500 FT.

ENERGY SUMMARY

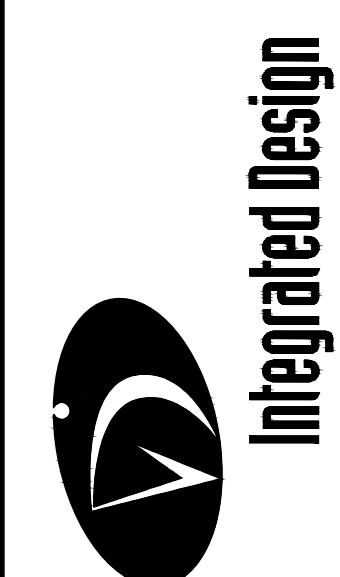
Existing building envelope complies with code:
Exempt Building: Provide code or statutory reference:
Climate Zone: 4
Method of Compliance:
 Prescriptive (Energy Code)
 Performance (Energy Code)
 Prescriptive (ASHRAE 90.1)
 Performance (ASHRAE 90.1)
THERMAL ENVELOPE (Prescriptive method only)
Roof/Ceiling Assembly (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Skylights in each assembly:
U-Value of skylight:
Total square footage of skylights in each assembly:
Exterior Walls (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Openings (windows or doors with glazing):
U-Value of assembly:
Solar heat gain coefficient:
Projection Factor:
Door R-Value:
Walls below grade (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Floor over unconditioned space (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Floors slab on grade
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Horizontal/Vertical requirement:
Slab heated:
Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

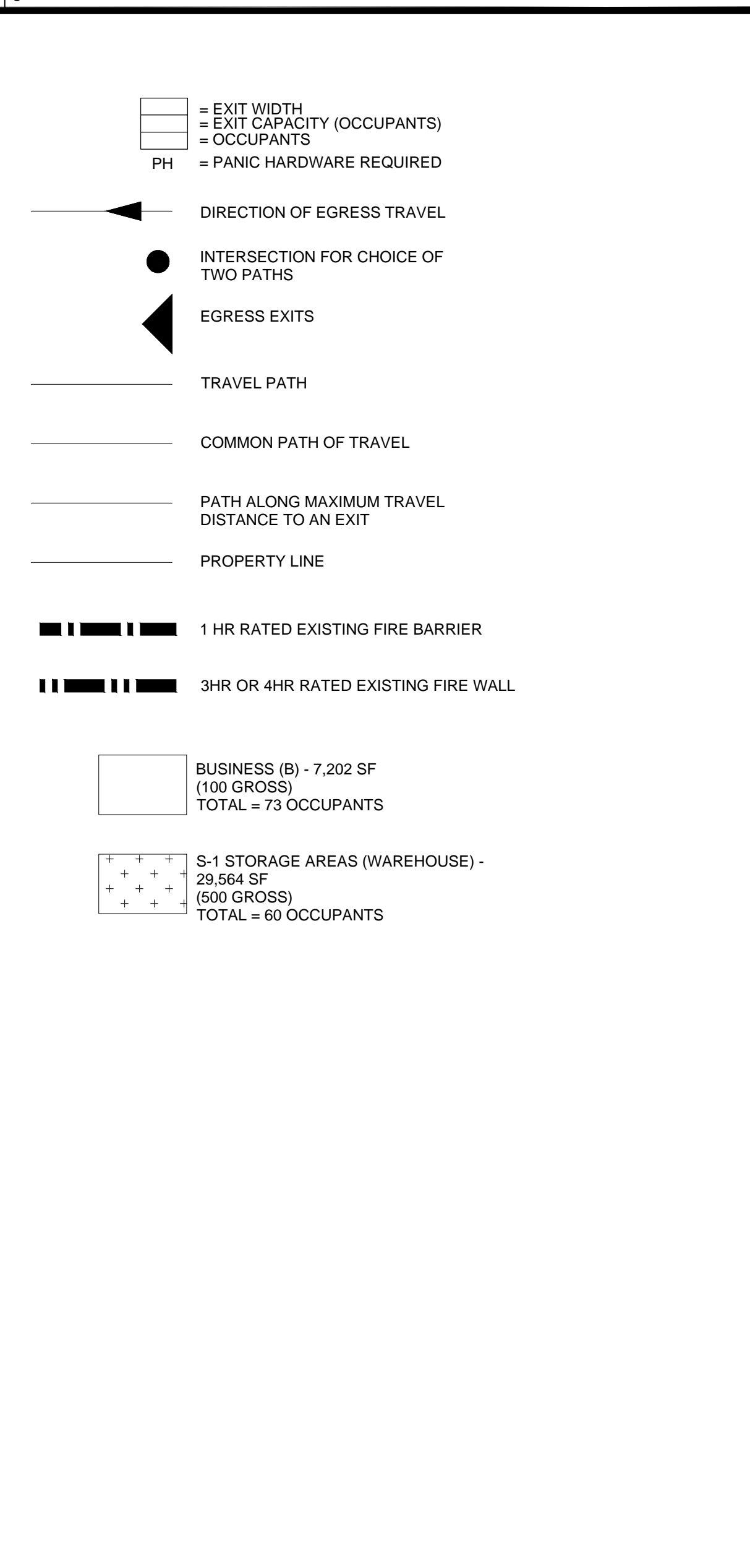
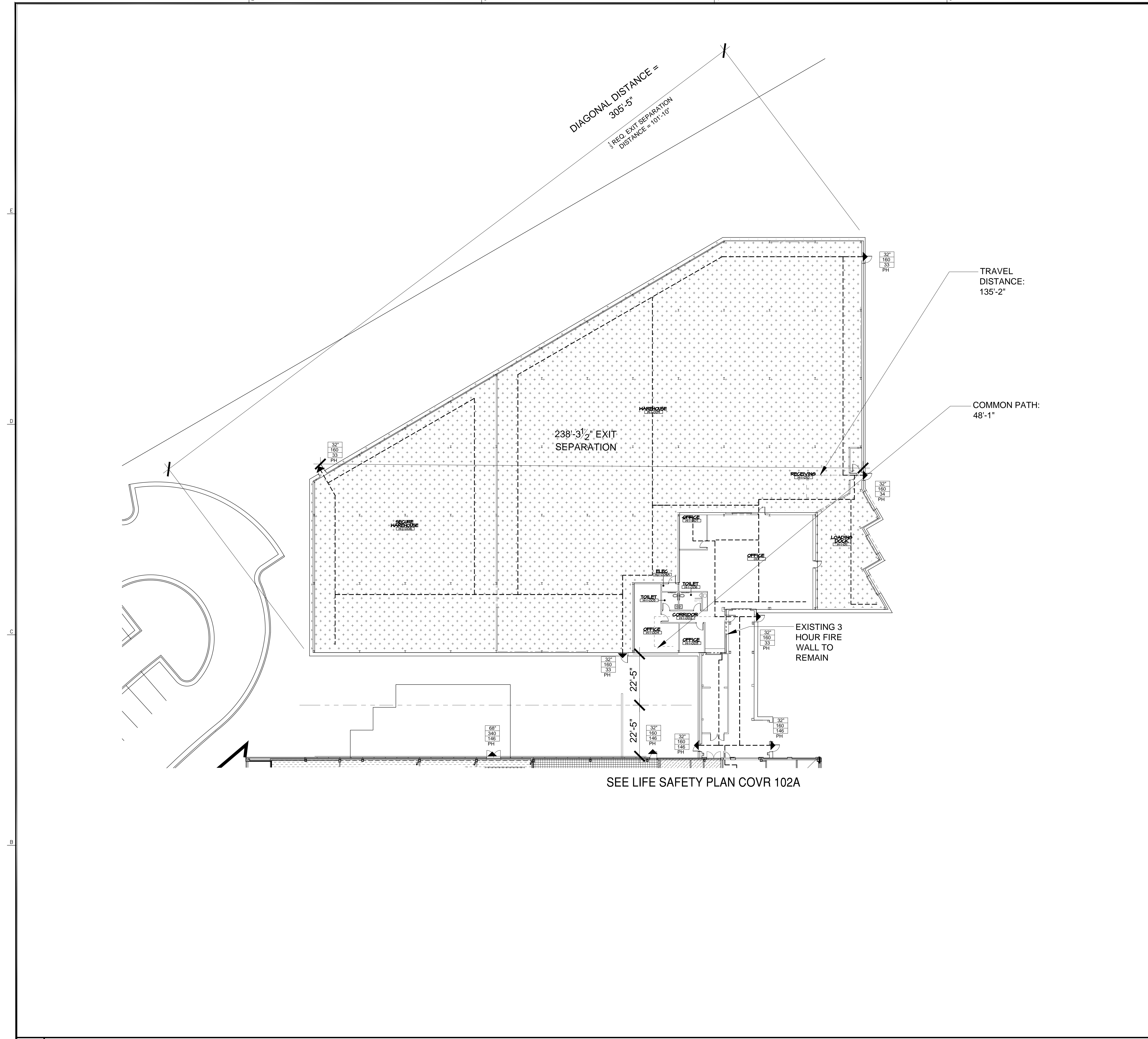


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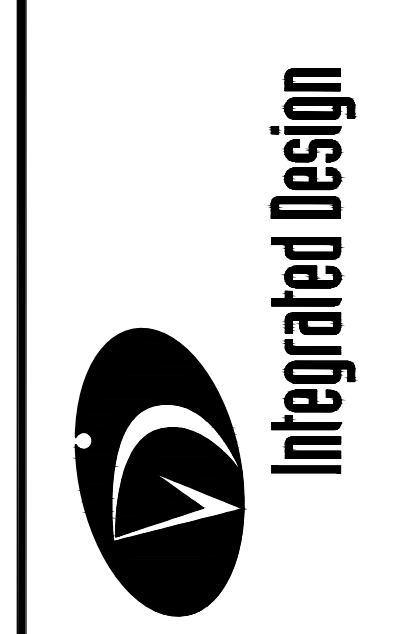
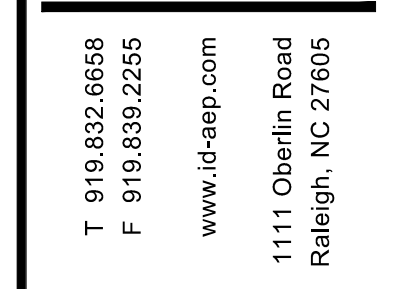
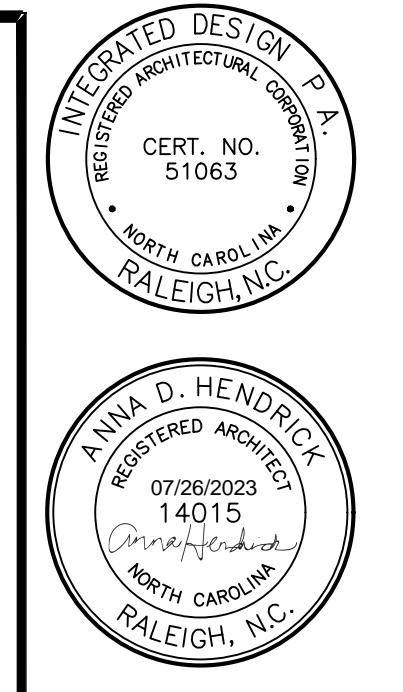
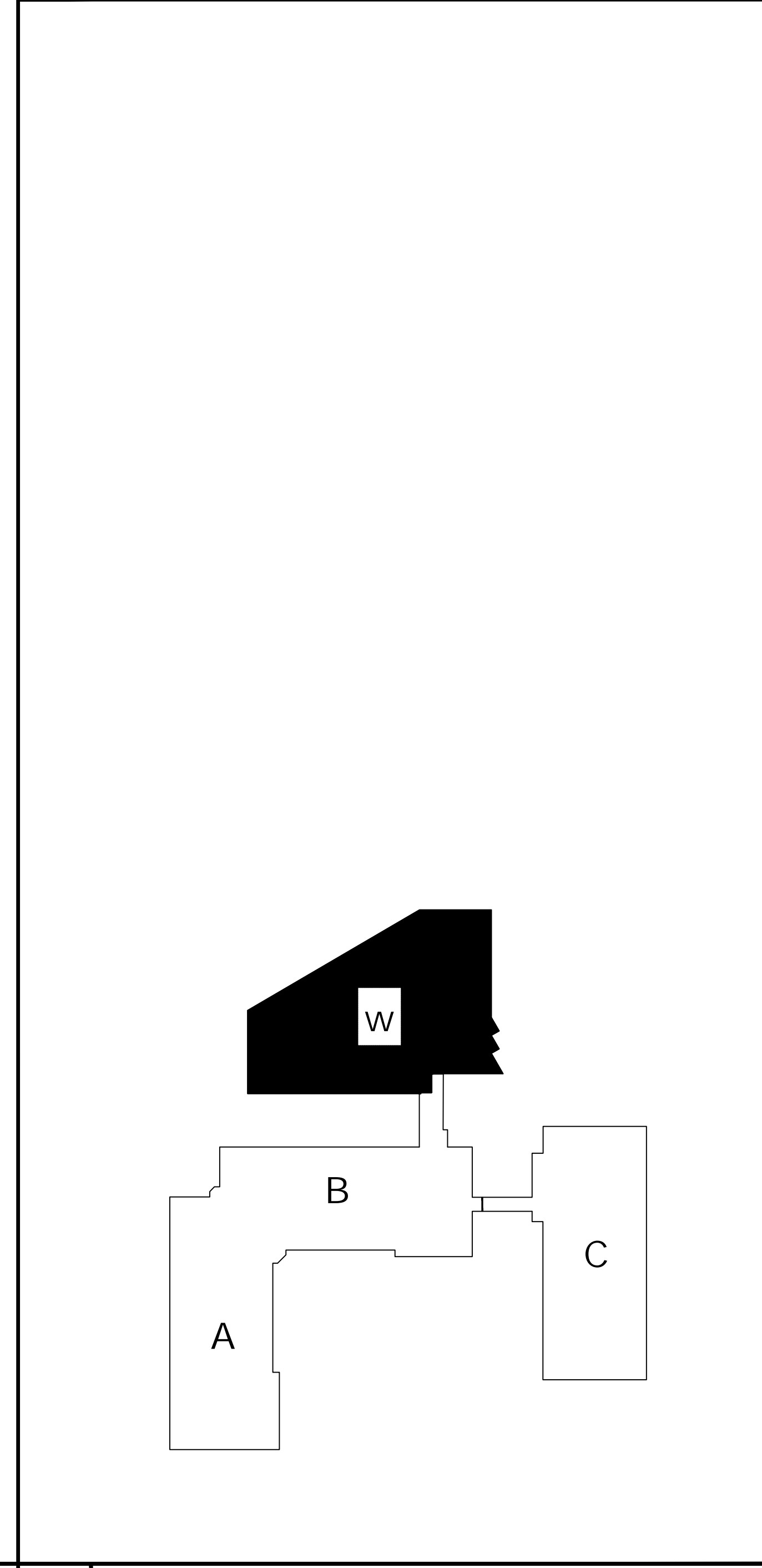


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TOILET IMPROVEMENTS**



D6 LIFE SAFETY AND OCCUPANCY LEGEND



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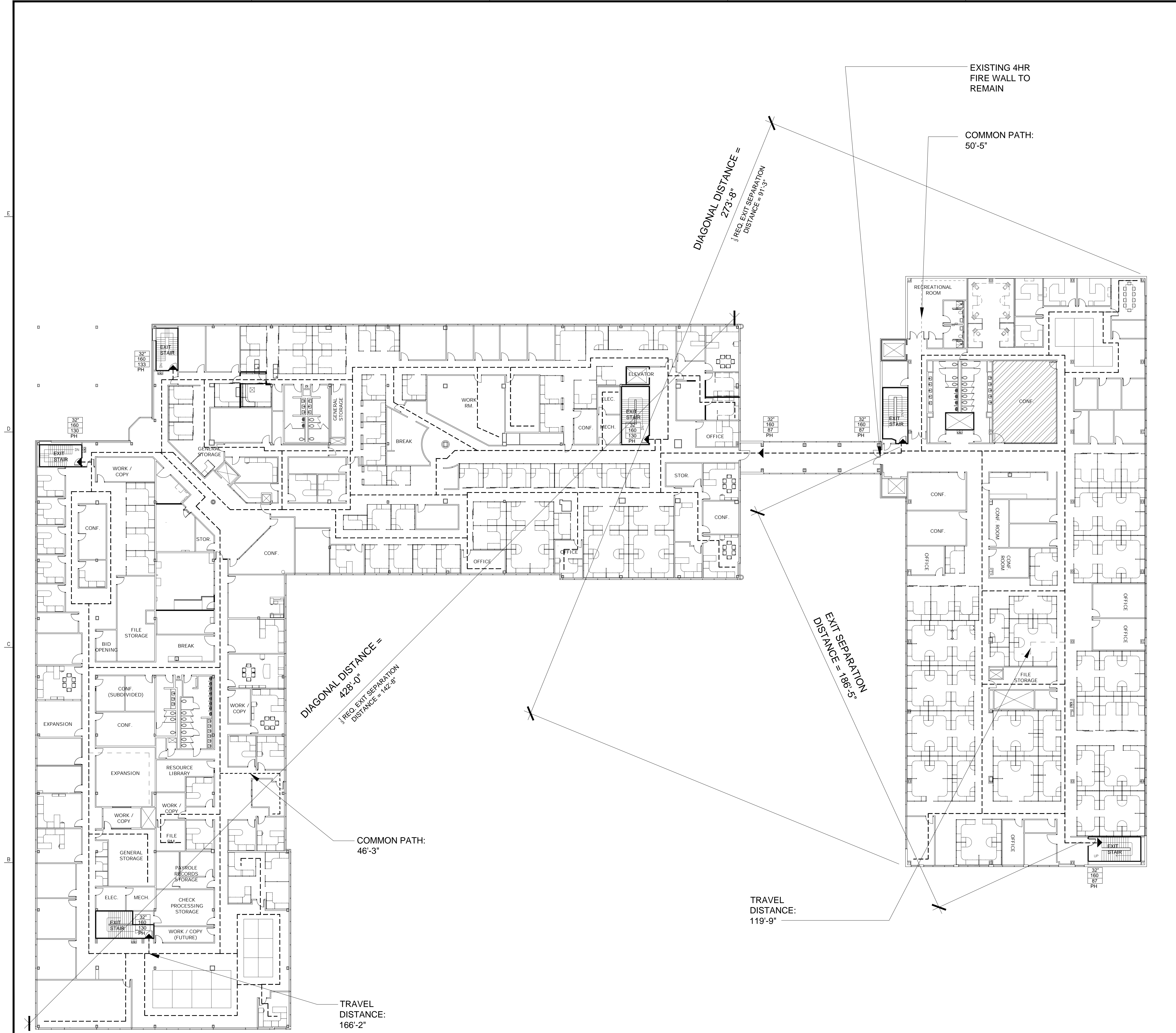
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 TOILET IMPROVEMENTS**
 901 CORPORATE CENTER DRIVE
 RALEIGH, NORTH CAROLINA

DWG BY: KHB
 CHK BY: ADH
 NO. DATE DESCRIPTION
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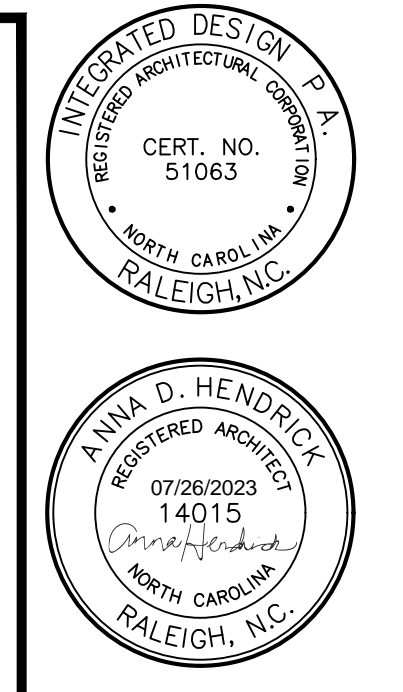
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 Dwg scaled for 42x30 plots

LIFE SAFETY
 FIRST FLOOR -
 BUILDING W
 JOB CODE: NCAOCTR
 DRAWING NUMBER

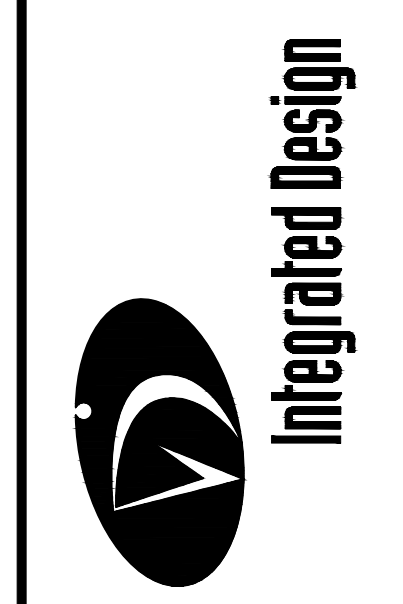
**COVR
 102B**



- = EXIT WIDTH
- = EXIT CAPACITY (OCCUPANTS)
- PH = PANIC HARDWARE REQUIRED
- = DIRECTION OF EGRESS TRAVEL
- = INTERSECTION FOR CHOICE OF TWO PATHS
- ▲ = EGRESS EXITS
- - - = TRAVEL PATH
- - - - = COMMON PATH OF TRAVEL
- - - - - = PATH ALONG MAXIMUM TRAVEL DISTANCE TO AN EXIT
- - - - - = PROPERTY LINE
- ▬▬▬ = 1 HR RATED FIRE BARRIER
- ▬▬▬▬ = 3HR OR 4HR RATED EXISTING FIRE WALL
- = BUSINESS (B) - 78,343 SF (100 GROSS) TOTAL = 784 OCCUPANTS
- ▨ = A-3 MEETING ROOMS - 960 SF (UNCONCENTRATED 15 NET) TOTAL = 64 OCCUPANTS

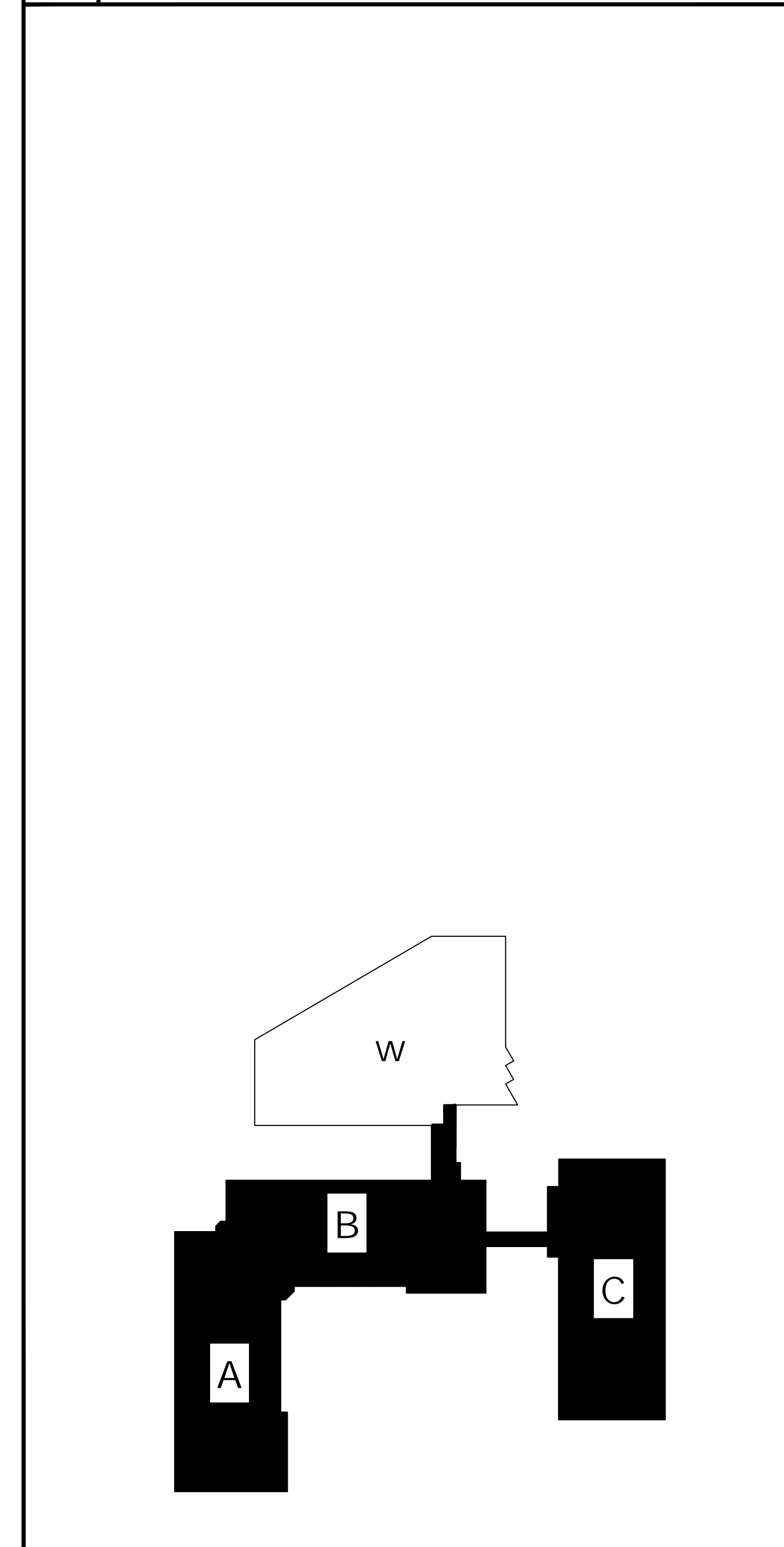


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D6 LIFE SAFETY AND OCCUPANCY LEGEND



FACILITY IMPROVEMENTS FOR:
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TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NORTH CAROLINA

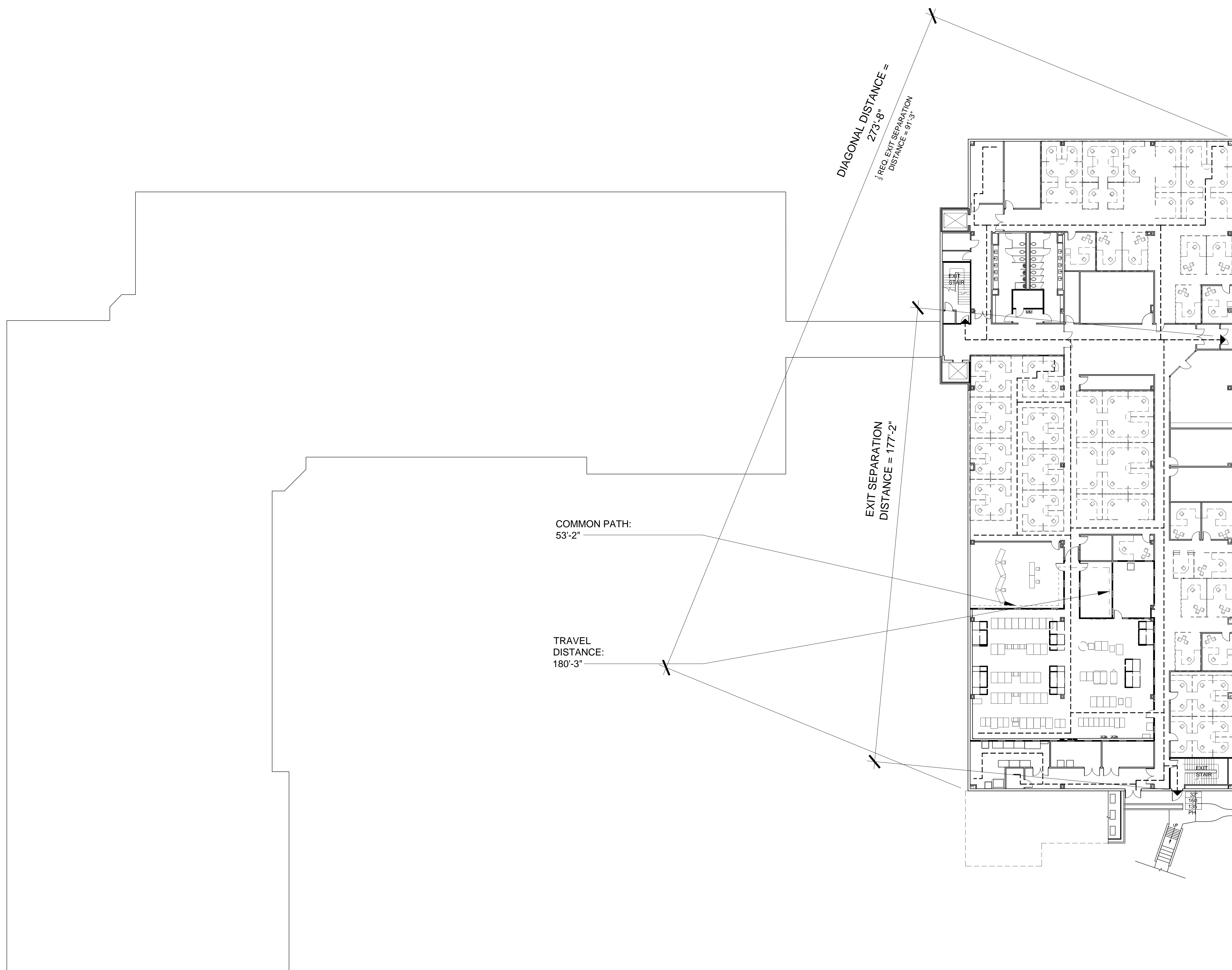
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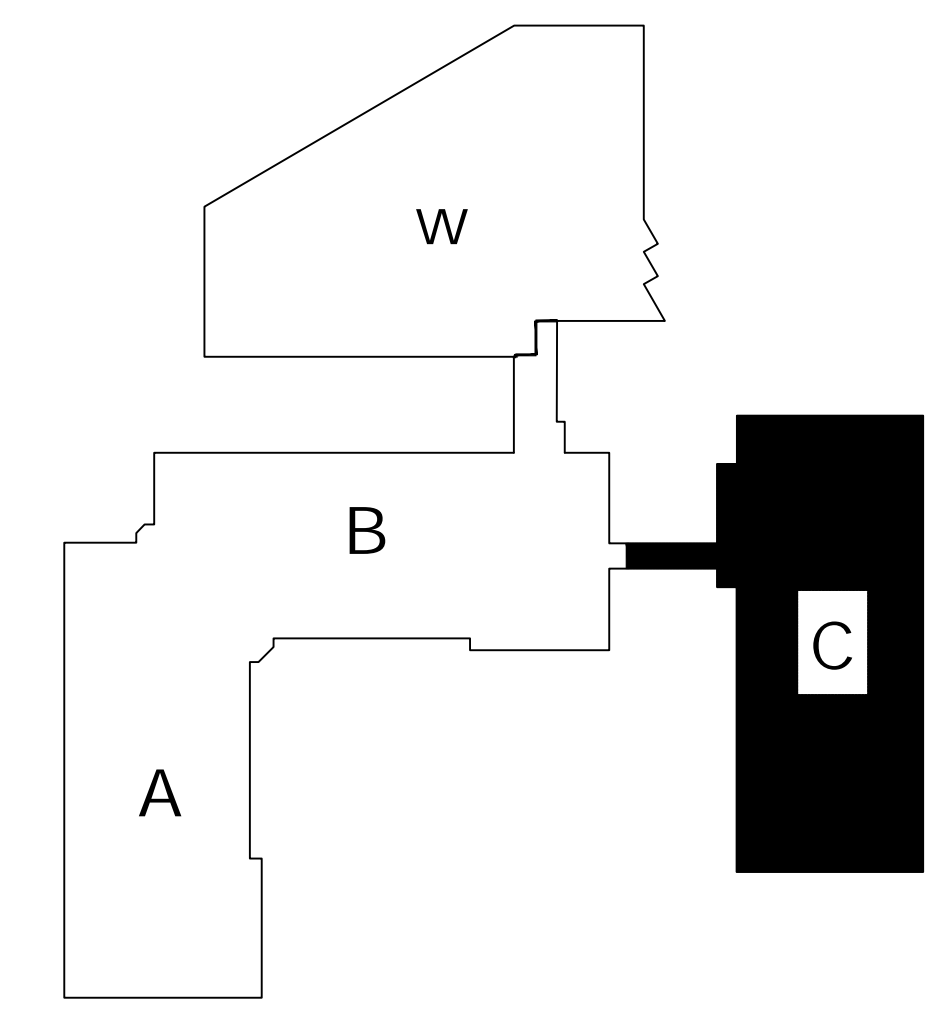
LIFE SAFETY - SECOND FLOOR - BUILDING A,B,C
JOB CODE: NCAOCTR
DRAWING NUMBER

A1 | LIFE SAFETY PLAN - LOWER LEVEL BUILDING C



D6 | LIFE SAFETY AND OCCUPANCY LEGEND

- = EXIT WIDTH
 - = EXIT CAPACITY (OCCUPANTS)
 - = OCCUPANTS
 - PH = PANIC HARDWARE REQUIRED
 - = DIRECTION OF EGRESS TRAVEL
 - = INTERSECTION FOR CHOICE OF TWO PATHS
 - = EGRESS EXITS
 - = TRAVEL PATH
 - = COMMON PATH OF TRAVEL
 - = PATH ALONG MAXIMUM TRAVEL DISTANCE TO AN EXIT
 - = PROPERTY LINE
 - = 1 HR RATED FIRE BARRIER
 - = 3HR OR 4HR RATED EXISTING FIRE WALL
 - BUSINESS (B) - 26,967 SF (100 GROSS) TOTAL = 270 OCCUPANTS



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LIFE SAFETY
LOWER LEVEL -
BUILDING C

JOB CODE: NCAOCTR
DRAWING NUMBER

COVR
104

GENERAL NOTES

- THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, STANDARD FORM OF THE AMERICAN INSTITUTE OF ARCHITECTS, CURRENT EDITION, SHALL APPLY TO ALL WORK IN THIS CONTRACT EXCEPT AS SPECIFICALLY MODIFIED BELOW AND/OR BY THE AGREEMENT.
- BY THE USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE OWNER REPRESENTS THAT HE HAS REVIEWED AND APPROVED THE DRAWINGS, AND THAT THE CONSTRUCTION DOCUMENT PHASE OF THE PROJECT IS COMPLETE.
- BY USING THESE DOCUMENTS TO SUBMIT FOR PERMIT THE GENERAL CONTRACTOR AGREES TO THE FEES AND CONDITIONS SET FORTH IN THESE DOCUMENTS.
- PER NORTH CAROLINA STATE LAW, THE OWNER OF THE PROPERTY OR GENERAL CONTRACTOR ON THEIR BEHALF MUST HIRE A LIEN AGENT AND SUBMIT A DESIGNATED LIEN AGENT FORM AVAILABLE AT WWW.LIENSNC.COM TO THE PLANS REVIEW DEPARTMENT HAVING JURISDICTION WHEN APPLYING FOR PERMIT. THE PROJECT DESIGNERS (ARCHITECTS, ENGINEERS, SURVEYORS AND LANDSCAPE ARCHITECTS) MUST BE LISTED ON THE LIEN AGENT FORM AS HAVING PERFORMED PRE-PERMIT SERVICES ON THE PROPERTY.
- BY USE OF THESE DOCUMENTS IN APPLYING FOR A PERMIT, THE BUILDING OWNER OR GENERAL CONTRACTOR ON THEIR BEHALF ACKNOWLEDGES THAT THE ARCHITECT AND DESIGNERS OF RECORD WHO HAVE WORKED ON THE PROJECT ARE ENTITLED TO THE EXISTING DUTY, I.E., AGREED UPON COMPENSATION FOR THEIR INSTRUMENTS OF SERVICE.
- THE BUILDING OWNER REQUIRES THE SUBMITTAL OF PARTIAL LIEN WAIVERS FROM EACH MAJOR SUBCONTRACTOR FOR THE TOTAL AMOUNT SUBMITTED IN THEIR NAME AND FROM THE GENERAL CONTRACTOR FOR THE TOTAL AMOUNT SUBMITTED ON EACH PAY REQUEST AT THE TIME OF SUBMITTAL.
- INSURANCE AND BONDING FOR THE PROJECT SHALL BE AS DIRECTED BY AND TO THE SATISFACTION OF THE OWNER AND TENANT. WORK SHALL NOT COMMENCE UNTIL THESE ARE IN PLACE.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY SERVICES DURING THE CONSTRUCTION PROCESS. THESE SERVICES SHALL INCLUDE, BUT NOT BE LIMITED TO: WATER, TOILET FACILITIES, ELECTRICAL POWER, A JOB TELEPHONE AND PROPER VENTILATION.
- THE GENERAL CONTRACTOR SHALL EXERCISE STRICT DUST CONTAINMENT CONTROL OVER JOB TO PREVENT DIRT OR DUST FROM LEAVING THE JOB SITE/PROJECT LIMITS.
- THE GENERAL CONTRACTOR SHALL PROPERLY PROTECT THE BUILDING MANAGEMENT'S (AND ANY ADJOINING) PROPERTY OR WORK FROM DAMAGE. ANY DAMAGE TO SAME CAUSED BY HIS WORK OR WORKMEN MUST BE MADE GOOD WITHOUT DELAY.
- THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON SITE DURING ALL PHASES OF CONSTRUCTION FOR USE OF ALL TRADES.
- ARCHITECTURAL POWER PLANS AND LIGHTING PLANS ARE SHOWN FOR COORDINATION PURPOSES ONLY. DISCREPANCIES BETWEEN THE ENGINEERED DRAWINGS AND THE ARCHITECTURAL DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO FINAL PRICING/BIDDING.
- THE GENERAL CONTRACTOR SHALL SEE THAT ALL SUB-CONTRACTORS RECEIVE COMPLETE SETS OF WORKING DRAWINGS AND SHALL ASSUME FULL RESPONSIBILITY FOR COORDINATION OF WORK. THE GENERAL CONTRACTOR SHALL COORDINATE THE REQUIREMENTS OF ALL DRAWINGS INCLUDING ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND OTHER TRADES, VENDORS, AND SPECIALTIES INVOLVED WITH THE PROJECT. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT PRIOR TO ANY WORK.
- THE GENERAL CONTRACTOR SHALL ALERT SUBCONTRACTORS TO THE DRAWING NOTES PAGE OF THESE CONTRACT DOCUMENTS.
- IF THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS UNCLEAR, THE GENERAL CONTRACTOR SHALL ASK THE ARCHITECT FOR CLARIFICATION IN THE FORM OF AN RFI PRIOR TO COMMENCEMENT OF WORK OR PRICING. THE ARCHITECT SHALL RESPOND IN WRITING TO THE APPROPRIATE PARTIES.
- THE GENERAL CONTRACTOR SHALL FIELD VERIFY DIMENSIONS ON THE DRAWINGS.
- REFER ALL QUESTIONS REGARDING DIMENSIONS TO ARCHITECT IMMEDIATELY. DO NOT SCALE DRAWINGS. LOCATIONS FOR ALL PARTITIONS, WALLS, CEILINGS, ETC., WILL BE DETERMINED BY DIMENSIONS ON THE DRAWINGS.
- LARGE SCALE DRAWINGS/DETAILS TAKE PRECEDENT OVER SMALL SCALE DRAWINGS.
- THE CONTRACTOR SHALL APPLY FOR AND OBTAIN ALL PERMITS, INSPECTIONS, PROVISIONS, ETC., NECESSARY FOR CONSTRUCTION AND CERTIFICATE OF OCCUPANCY.
- ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL NORTH CAROLINA STATE BUILDING CODES, ORDINANCES, AND REFERENCES.
- WHERE MORE THAN ONE REGULATION APPLIES, THE MORE STRICT REGULATION SHALL GOVERN.
- THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL FIRE EXTINGUISHERS AS REQUIRED BY FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND BY LOCAL FIRE DEPARTMENT REGULATIONS. FINAL LOCATIONS ARE FURTHER SUBJECT TO FIRE MARSHAL'S FIELD REVIEW AT THE FINAL INSPECTION.
- ROOF WORK (PATCHING, FLASHING, CURBS, SKYLIGHTS, PENETRATION, ETC.) SHALL BE DONE IN ACCORDANCE WITH MANUFACTURERS' REQUIREMENTS AND IN COMPLIANCE WITH THE ROOF WARRANTY. IF A CONFLICT EXISTS, IT SHALL BE BROUGHT TO THE OWNER AND ARCHITECT'S ATTENTION PRIOR TO COMMENCEMENT OF WORK AND FINAL PRICING.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY SHORING OR BRACING FOR ALL STRUCTURAL ELEMENTS AS REQUIRED, WHETHER INDICATED ON THE DRAWINGS OR NOT, UNTIL NEW STRUCTURAL MEMBERS ARE PERMANENTLY INSTALLED. IF THE CONTRACTOR IS UNSURE WHETHER OR NOT TO PROVIDE TEMPORARY SHORING AND BRACING, HE SHALL ASK THE ARCHITECT OR STRUCTURAL ENGINEER, IN WRITING, PRIOR TO COMMENCEMENT OF WORK AND FINAL PRICING.
- THE CONTRACTOR GUARANTEES ALL MATERIALS AND EQUIPMENT PROVIDED AND INSTALLED TO BE IN GOOD WORKING CONDITION AND SHALL WARRANT ALL WORK FOR A MINIMUM OF ONE YEAR AFTER SUBSTANTIAL COMPLETION. THE CONTRACTOR SHALL PROVIDE OWNER WITH ALL WARRANTY PERTINENT DOCUMENTS.
- EXCEPT AS OTHERWISE INDICATED, CONTRACTOR TO PROVIDE AND PAY FOR ALL MATERIALS, LABOR, SERVICES, FEES, ETC., NECESSARY TO ACCOMPLISH ENTIRELY THE WORK SET FORTH IN THESE CONTRACT DOCUMENTS.
- UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW AND BOTH MATERIALS AND WORKMANSHIP SHALL BE OF QUALITY WITH THAT EXPECTED FOR A CLASS 'A' INSTALLATION.
- WHENEVER THE TERM 'OR EQUAL' IS USED, IT SHALL MEAN EQUAL PRODUCT AS REVIEWED FOR DESIGN INTENT AND QUALITY. IN WRITING, BY THE (TENANT/ARCHITECT/BUILDING OWNER) OR MEP ENGINEER.
- ALL SUBSTITUTIONS, I.E. 'EQUALS', MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO SUBSTITUTION BEING MADE AND PRIOR TO FINAL PRICING/BID.
- FINAL CLEANING AT SUBSTANTIAL COMPLETION SHALL INCLUDE, BUT NOT BE LIMITED TO: CLEANING OF ALL FINISHED WOOD AND GLASS SURFACES, DUSTING OF ALL FINISHED SURFACES AND WINDOW TREATMENTS, CLEANING OF ALL FLOORS, VACUUMING OF ALL CARPETED AREAS, AND THE REMOVAL OF ANY SPOTS, STAINS, SPILLS, ETC., INCURRED ON ANY SURFACE DURING CONSTRUCTION.
- MANUFACTURER'S NAME, TRADEMARK, LOGOS, ETC., SHALL NOT BE VISIBLE TO THE PUBLIC.
- A CERTIFICATE OF OCCUPANCY IS A PREREQUISITE, BUT NOT A DETERMINANT, FOR THE ARCHITECT'S LETTER OF SUBSTANTIAL COMPLETION. GC SHALL DELIVER INDIVIDUAL COPIES OF THE CERTIFICATE OF OCCUPANCY TO THE OWNER, TENANT, AND ARCHITECT.

PROJECT NOTES

- ALL REQUIRED EXITS FROM OCCUPIED SPACES, WAYS OF APPROACH THERETO, AND WAYS OF TRAVEL FROM THE EXIT INTO THE STREET SHALL CONTINUOUSLY BE MAINTAINED FREE FROM ALL OBSTRUCTIONS AND IMPEDIMENTS FOR UNOBSTRUCTED EGRESS IN THE CASE OF FIRE OR OTHER EMERGENCY. ALL EXIT WAYS SHALL COMPLY WITH THE ADA AND NCSCB.
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE TO MAINTAIN 1 SET OF CONSTRUCTION DRAWINGS AT THE SITE, MARKED UP WITH AS-BUILT DEVIATIONS OR CLARIFICATIONS TO THE ORIGINAL DOCUMENTS. THESE ARE TO BE SUBMITTED TO THE ARCHITECT WITH THE FINAL REQUEST FOR PAYMENT.
- DURING THE ENTIRE PERIOD OF CONSTRUCTION, CONTRACTOR TO MAINTAIN ALL EXIT PATHS, LIFE SAFETY SYSTEMS, INCLUDING, BUT NOT LIMITED TO EXIT LIGHTS, SMOKE DETECTORS, EMERGENCY LIGHTS, FIRE EXTINGUISHERS, FIRE ALARM DEVICES, ETC., IN EXISTING OCCUPIED SPACES.
- ALL FIRE EXTINGUISHERS ARE EXISTING. THE GENERAL CONTRACTOR SHALL CONFIRM WITH THE LOCAL FIRE MARSHALL THAT EXISTING EXTINGUISHERS MEET ALL CODE REQUIREMENTS.
- THE CONTRACTOR MUST MAINTAIN ALL COMMON AREAS TO BE FREE OF DEBRIS, DUST, AND CONSTRUCTION MATERIALS.
- PATCH AND REPAIR ALL DISTURBED SURFACES TO MATCH EXISTING.
- GC SHALL OBTAIN GEOTECH ENGINEERING AND CONCRETE COMpressive STRENGTH AND SLUMP TESTS FOR ALL STRUCTURAL CONCRETE AND AS FURTHER REQUIRED BY STRUCTURAL ENGINEER.
- ALL NECESSARY WOOD BLOCKING/ROUNDS, ETC., MUST BE SUPPLIED AS FIREPROOFED OR FIRE RETARDANT TREATED ELEMENTS. CONTRACTOR SHALL COORDINATE SETTING/PLACEMENT OF THESE ELEMENTS AS REQUIRED BY LOCAL CODE, BUILDING, OR SURROUNDING CONSTRUCTION CONDITIONS.
- THE GENERAL CONTRACTOR SHALL ENSURE THAT AN APPROVED MEANS OF ACCESS IS PROVIDED AT EACH FIRE OR COMBINATION FIRE AND SMOKE DAMPER FOR INSPECTION AND MAINTENANCE.
- OPENINGS IN FIRE RATED WALLS, FLOORS, OR CEILINGS SHALL HAVE FIRE DAMPERS OR PENETRATION PROTECTION AS REQUIRED BY LOCAL BUILDING CODES.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY INSTALLATION CLEARANCE REQUIREMENTS FOR EQUIPMENT INSTALLED BY THE CONTRACTOR AND EQUIPMENT IDENTIFIED TO BE INSTALLED BY THE TENANT/OWNER. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONDITIONS EXIST THAT PRECLUDE INSTALLATION.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO BE ACQUAINTED WITH THE DIMENSIONS OF ALL EQUIPMENT INCLUDED IN THIS PROJECT SO THAT PREPARATIONS ARE MADE BY THE GENERAL CONTRACTOR TO PROVIDE ENTRY INTO THE LEASE SPACE WITH SUFFICIENT CLEARANCE AND TO ENSURE THAT ADEQUATE FLOOR SPACE IS AVAILABLE.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THAT ANY MECHANICAL AND ELECTRICAL EQUIPMENT SUBMITTED FOR REVIEW AS "EQUAL" TO THE EQUIPMENT SPECIFIED SHALL MEET CLEARANCE REQUIREMENTS FOR MAINTENANCE AND INSTALLATION AND AS REQUIRED BY CODE. THE CONTRACTOR MAY PROVIDE ALTERNATE CONFIGURATIONS TO THE ARCHITECT AND MEP ENGINEERS MEETING THOSE REQUIREMENTS FOR REVIEW.
- GENERAL CONTRACTOR SHALL LABEL RATED VERTICAL ASSEMBLIES, LABELING WILL BE IN AN ACCESSIBLE BUT CONCEALED AREA (SUCH AS ABOVE CEILING) WITH STENCILLED LETTERS INDICATING THE APPROPRIATE HOURLY RATINGS AND THE FOLLOWING: "FIRE BARRIER (OR SMOKE AND FIRE BARRIER) - PROTECT ALL OPENINGS".
- THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR OMISSIONS BETWEEN THE DRAWINGS, THESE NOTES, AND FIELD CONDITIONS BEFORE COMMENCING WITH ANY WORK AND SHALL REQUEST CLARIFICATION PRIOR TO FINAL BIDDING OR PRICING.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITH BUILDING MANAGEMENT REGARDING DELIVERIES, ELEVATOR USE, UTILITY DISRUPTIONS, ETC.
- THE CONTRACTOR SHALL COORDINATE ELEVATOR PROTECTION WITH BUILDING MANAGEMENT.
- OWNER AND ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY REVISIONS TO BE INCORPORATED IN CONSTRUCTION DOCUMENTS WHICH ARE REQUIRED FOR COMPLIANCE WITH RULES/REGULATIONS OF ANY AND ALL LOCAL GOVERNING AUTHORITIES HAVING JURISDICTION OVER PROJECT.
- THE CONTRACTOR TO COORDINATE DELIVERY OF ALL SUPPLIES, MATERIALS, DEVICES, ETC. NEEDED FOR THE CONSTRUCTION OF THIS PROJECT. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY AVAILABILITY PROBLEMS THAT MAY DELAY THE PROJECT COMPLETION.
- PRIOR TO THE FINAL PUNCH LIST SITE VISIT BY THE TENANT AND ARCHITECT, THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHOULD PRODUCE A SINGLE COMPLETED PUNCH LIST OF ALL UNCOMPLETED WORK OR TOUCH UP WORK LEFT TO BE DONE UNDER THE CONTRACT. THIS LIST WILL BE REVIEWED AT THIS SITE VISIT AND SHALL BECOME PART OF THE FINAL PUNCH LIST PREPARED BY THE TENANT AND ARCHITECT.
- THE GC SHALL CONTRACT WITH A SPRINKLER CONTRACTOR FOR THE RECONFIGURATION OF A BUILDING SPRINKLER SYSTEM TO BE NCSCB COMPLIANT. COORDINATE SUBMITTAL REQUIREMENTS WITH LOCAL CODE OFFICIALS. THE SPRINKLER CONTRACTOR WILL ALSO BE SUBMIT DESIGN DRAWINGS WITH THE PERMIT DRAWINGS. COORDINATE WITH THE ARCHITECT AND ENGINEERS AS WELL AS ANY ADDITIONAL AHJ SUBMITTAL REQUIREMENTS.

ACCESSIBILITY NOTES

- THRESHOLDS MUST MEET NCSCB AND ADA REQUIREMENTS.
- DOOR CLOSERS SHALL BE CERTIFIED BY THE MANUFACTURER TO MEET THE REQUIREMENTS OF THE ADA AND NCSCB. INSTALLATION AND ADJUSTMENTS MUST ALSO COMPLY WITH OPERATIONAL CRITERIA. FOR EXAMPLE, THE FORCE TO OPEN INTERIOR DOORS MUST NOT EXCEED 5 POUNDS AND THE FORCE TO OPEN EXTERIOR DOORS MUST NOT EXCEED 8-1/2 POUNDS.
- DOOR CLOSERS SHALL MEET THE NCSCB REQUIREMENTS FOR SWEEP PERIOD.
- ALL CONTROLS, DEVICES, HANDLES, LATCHES, THRESHOLDS, TRANSITIONS, AND RAMPS SHALL COMPLY WITH THE NCSCB & THE AMERICANS WITH DISABILITIES ACT. COORDINATE ANY DISCREPANCIES WITH TENANT, BUILDING OWNER, AND ARCHITECT.
- INSTALLED FLOOR FINISHES SHALL COMPLY WITH THE NCSCB AND ADA FOR ACCESSIBLE SURFACES INCLUDING, BUT NOT LIMITED TO: ATTACHMENT SECURITY, CARPET PILE HEIGHT AND TYPE, AND SLIP RESISTANT CHARACTERISTICS.

ACCESSIBILITY NOTES (CONT.)

- GC SHALL CONTRACT WITH SIGNAGE SUPPLIER FOR ADA SIGNAGE. ALL SIGNAGE MUST COMPLY WITH NCSCB AND ADA STANDARDS FOR VISIBILITY AND COMMUNICATION. THE SUPPLIER MUST CERTIFY THIS COMPLIANCE.
 - THE CABINET SUPPLIER WILL PROVIDE BREAK ROOM SINK THAT COMPLIES WITH THE NCSCB AND ADA FOR ACCESSIBILITY, CLEARANCES, AND COUNTER HEIGHT COORDINATE WITH BREAK ROOM SINK SUPPLIER TO MAINTAIN UNDER COUNTER CLEARANCES.
 - GRAB BARS SHALL BE 1-1/4" TO 1-1/2" IN DIAMETER WITH 1-1/2" SPACE BETWEEN GRAB BAR AND ADJACENT WALL.
- FINISHES NOTES**
- OTHERWISE ANY SURFACE THAT DOES NOT HAVE A SPECIFIC FINISH NOTED OR IS NOTED TO REMAIN UNFINISHED SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND FINISHED PER THE ARCHITECT'S INSTRUCTIONS.
 - ALL FINISHES TO BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
 - COORDINATE ALL FINISH COLORS AND STYLES WITH BUILDING OWNER AND ARCHITECT.
 - GENERAL CONTRACTOR SHALL PROVIDE A 5% (OR AGREED QUANTITY) ATTIC STOCK OF FINISH MATERIALS FOR FUTURE REPAIRS. ATTIC STOCK SHALL BE FROM SAME RUN AS FINISHES INSTALLED TO ENSURE FINISH MATCH.
 - ALL DRYWALL CONSTRUCTION SHALL BE PROPERLY PREPARED TO RECEIVE SPECIFIED FINISH MATERIALS. DRYWALL JOINTS SHALL BE TAPED/SPACKLED IN CONVENTIONAL MANNER. NO HORIZONTAL DRYWALL JOINTS SHALL BE ACCEPTED. BUTTED, UNTAPED DRYWALL JOINTS ARE NOT ACCEPTABLE. FULL HEIGHT GYPSUM BOARD SHEETS SHALL BE USED THROUGHOUT FOR FULL HEIGHT CONSTRUCTION. TAPED JOINTS, CORNERS, 'DIMPLES,' OR SCREW HEADS SHALL BE SPACKLED SMOOTH AND LEVEL WITH ADJACENT GYPSUM BOARD SURFACE.
 - ALL EXISTING HOLES/CRACKS IN SLAB AND THOSE RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE FILLED/REPAIRED AND THE SURFACE PATCHED SMOOTH AND LEVEL WITH ADJACENT FLOOR SURFACE.
 - SPACES BEING SURFACED SHALL BE CLOSED TO TRAFFIC AND OTHER WORK DURING THE SURFACING PROCESS.
 - PROVIDE LEVEL IV FINISH SURFACE AND PRIMER AT GYPSUM BOARD WALLS TO RECEIVE FLAT FINISHES OR CONCEALING FINISHES SUCH AS WALL COVERINGS, ETC.
 - UPON COMPLETION, THE CONTRACTOR SHALL CLEAN ALL WORK AND SHALL REMOVE ALL SPOTS OF ADHESIVE, SURFACE STAINS, AND ALL SCRAPS. CARTONS AND CONTAINERS SHALL BE REMOVED FROM THE BUILDING SITE.
 - THE GENERAL CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY AND ALL CEILING TILES WHICH ARE REMOVED TO FACILITATE ABOVE CEILING SYSTEM INSTALLATIONS AND REPAIRS.
 - WALLS SHALL INCLUDE SURFACES FROM FLOOR TO CEILING INCLUDING PILASTERS, FASCIAS, JAMBS, BUCKS, REVEALS, RETURNS, BULKHEADS, AND ALL VERTICAL SURFACES NOT INCLUDED IN CEILING.
 - ALL WALLS AND CEILINGS SHALL BE PROPERLY PREPARED, SPACKLED, SANDED, ETC., TO PROVIDE A SMOOTH FINISH AND SURFACE READY FOR PRIME AND PAINT.
 - ALL EXISTING LOOSE PAINT SHALL BE REMOVED AND SPACKLED.
 - SOUND INSULATED WALLS TO HAVE SOUND INSULATION BETWEEN STUDS FOR THE FULL HEIGHT OF THE WALL.
 - THE CONTRACTOR SHALL EXAMINE ALL AREAS OF CONSTRUCTION AFTER COMPLETION OF WORK BY ALL TRADES (INCLUDING TELEPHONE INSTALLATION, FLOORING, ETC.) AND SHALL INDICATE ALL NECESSARY TOUCH-UP PAINTING AND/OR PATCHING.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL LOCAL VOC (VOLATILE ORGANIC COMPOUNDS) REGULATIONS FOR PRIMERS, PAINTS, SOLVENTS, AND ADHESIVES.
- THESE NOTES MUST BE COORDINATED WITH THE SPECIFIC PROJECT
- ALL FINISHES, SPECIAL PRODUCTS, AND SPECIAL ASSEMBLIES ARE SUBJECT TO SUBMITTAL AND SHOP DRAWING REVIEW. SHOP DRAWINGS AND SUBMITTALS SHALL NOT BE WAIVED UNLESS WRITTEN PERMISSION TO DO SO IS GIVEN BY THE ARCHITECT.
 - ITEMS PROVIDED MATCHING THE SPECIFICATIONS ARE NOT REQUIRED TO BE SUBMITTED.
 - THE CONTRACTOR SHALL SUBMIT COLOR AND MATERIAL RECORD SAMPLES FOR APPROVAL.
 - PROVIDE LEVEL V FINISH SURFACE AT LABORATORIES, CLEAN SPACES, AND AREAS TO RECEIVE GLOSS PAINT.
 - FINISH/STAIN SAMPLES SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION. ARCHITECT WILL APPROVE FINISHED STAIN SAMPLES PRIOR TO FINAL SEALING COAT.
 - CARPET, VINYL COMPOSITE FLOOR TILE (VCT), CERAMIC TILE, RUBBER BASE, ACOUSTICAL CEILING TILE, AND VINYL WALL COVERING MUST BE BUILDING STANDARD GRADE. COORDINATE COLORS AND PATTERNS WITH TENANT, BUILDING OWNER, AND ARCHITECT.
 - CONCRETE SLABS ARE REQUIRED TO BE PATCHED SMOOTH AND PREPARED FOR THE INSTALLATION OF NEW FLOORING. MOISTURE VAPOR EMISSION SHALL MEET MANUFACTURER'S STANDARDS PRIOR TO INSTALLATION OF NEW FLOORING. CONCRETE SHALL BE TESTED AND BROUGHT INTO ACCORDANCE WITH FLOOR FINISH MANUFACTURER'S APPROVED METHODS OF SUBSURFACE PREPARATION. AT A MINIMUM ASTM 1869 ANHYDROUS CALCIUM CHLORIDE TESTING AND ASTM F2170 CONCRETE MOISTURE TESTING SHALL APPLY. ADDITIONAL TESTING REQUIREMENTS MAY APPLY. INSTALLED FLOORING SHALL BE ON A FLOATED CONCRETE FINISH OTHERWISE PREPARED TO ESTABLISH AND MAINTAIN THE FLOORING PRODUCT WARRANTY.

DOOR, WINDOW, AND FRAME NOTES

- GC TO VERIFY ALL DOOR HARDWARE REQUIREMENTS WITH TENANT PRIOR TO ORDERING HARDWARE.
- GC TO VERIFY DOOR ASSEMBLIES WITH BUILDING OWNER AND ARCHITECT PRIOR TO FABRICATION, ORDERING, OR INSTALLATION. DOOR ASSEMBLIES INCLUDE, BUT ARE NOT LIMITED TO: FRAME STYLES, HARDWARE SELECTIONS, KEYING, DOOR MATERIAL OR SPECIES, VENEER CUT, FINISH, COLOR, STAIN, LUSTER, AND SPECIAL APFURTENCES. DEVIATIONS FROM APPROVED ASSEMBLIES SHALL BE BY WRITTEN APPROVAL.
- CONTRACTOR TO COORDINATE KEYING REQUIREMENTS WITH TENANT PRIOR TO ORDERING CYLINDERS FOR LOCKSETS. KEYING INFORMATION SHALL INCLUDE HIERARCHY OF SECURITY AND NUMBER OF MASTER KEYS.
- ALL LOCKSETS SHALL BE CODED AND/OR KEYED IN ACCORDANCE WITH THE BUILDING REQUIREMENTS. CODES AND/OR KEYS ARE TO BE DELIVERED TO TENANT PROPERLY TESTED AND/OR TAGGED. THE NUMBER OF MASTER AND PASSEYS SHALL BE COORDINATED WITH BUILDING MANAGEMENT.
- PATH OF EGRESS DOORS (THOSE TO STAIRS, SUITE ENTRY, CORRIDOR, AND EXTERIOR OR SIMILAR) SHALL RECEIVE ANSI GRADE ONE HARDWARE. ANSI GRADE TWO OR BETTER SHALL BE PERMITTED AT OTHER DOOR LOCATIONS.
- PROVIDE 1-1/2 PAIR BUTT HINGES MINIMUM PER 7'-0" HIGH DOOR. PROVIDE 2 PAIR BUTT HINGES MINIMUM PER DOOR GREATER THAN 7'-0" IN HEIGHT.
- PROVIDE THREE SILENCERS ON ALL NEW DOORS (TYPICAL) UNLESS WEATHER-STRIPPING IS PROVIDED.
- PROVIDE DOORSTOPPS ON ALL DOORS FOR PROTECTION OF ADJACENT SURFACES. PROVIDE THE PROPER TYPE AS NEEDED BY INDIVIDUAL DOOR LOCATION.
- VERIFY FUNCTION OF ALL EXISTING DOORS. REPAIR OR REPLACE HINGES, CLOSERS, LOCK, HANDLES, WEATHER-STRIPPING, ETC., AS NEEDED AND ADJUST DOOR TO LATCH AND FUNCTION PROPERLY.
- TOILET DOORS TO HAVE PRIVACY LOCK SETS.

MILLWORK AND CABINETY NOTES

- ALL INSTALLED CABINETY SHALL COMPLY WITH LOCAL BUILDING CODES.
- CABINETY CONTRACTORS SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE.
- CABINETY CONTRACTORS SHALL PROVIDE RUBBER BUMPERS/SILENCERS ON ALL WOOD DOORS.
- WHERE MEMBERS ARE MITERED OR BUTTED, THEY SHALL BE JOINED AND SECURED IN A MANNER TO ENSURE AGAINST THE JOINT OPENING.
- ALL FINISHED MILLWORK, AS FAR AS PRACTICAL, SHALL BE ASSEMBLED AND FINISHED IN THE SHOP AND DELIVERED TO THE BUILDING READY TO ERRECT IN PLACE.
- ALL MILLWORK SHALL BE FABRICATED, ASSEMBLED, FINISHED, AND ERRECTED TO MEET CURRENT AWI STANDARDS.
- THE CONTRACTOR WILL PROVIDE BLOCKING IN WALLS FOR ALL CABINETY. COORDINATE WITH CABINETY SUPPLIER FOR EXACT LOCATIONS.
- THE CABINETY CONTRACTOR SHALL COORDINATE ALL MILLWORK INSTALLATION WITH OTHER SUB-CONTRACTORS AND SHALL BEAR ANY COST ASSOCIATED WITH RECONFIGURATION OF CABINETY IN CONFLICT WITH THE OTHER TRADES.

MILLWORK AND CABINETY NOTES (CONT.)

- CABINETY LAMINATE OR VENEER SHALL OVERLAP EDGE BANDING. RESIDUAL GLUE SHALL BE REMOVED FROM EDGE BANDED JOINTS. SCREW AND GLUE OR HARDWARE JOINED CABINET BOX JOINTS ARE PREFERRED; STAPLES AS PERMANENT FASTENERS SHALL NOT BE PERMITTED. CABINET DOOR SHALL FULLY OVERLAP BOXES. HEAVY DUTY METAL DRAWER GLIDES SHALL BE USED AT SLIDING DRAWERS.
- PLASTIC LAMINATE SHALL BE ONE SINGLE SHEET ON ANY ONE SURFACE. JOINTS, IF REQUIRED, SHALL BE INDICATED ON SHOP DRAWINGS FOR APPROVAL. ALL JOINTS SHALL BE TIGHT WITH NO SEPARATION.
- CONTRACTOR TO SUPPLY BUILDING STANDARD CABINETY AS INDICATED ON DRAWINGS. COORDINATE STYLE AND COLORS WITH TENANT, BUILDING OWNER, AND ARCHITECT.
- CABINETY HINGES TO BE EUROPEAN STYLE.
- CABINET AND DRAWER INTERIOR FINISH SURFACE SHALL BE P. LAM OR VENEER TO MATCH EXTERIOR SPECIFIED MATERIAL.
- CABINETY SHELVES SHALL BE PLASTIC LAMINATE.
- CABINETY VENEER SUBSTRATE SHALL BE SUBMITTED FOR APPROVAL.
- THE CABINET CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT.

DE ION NOTES

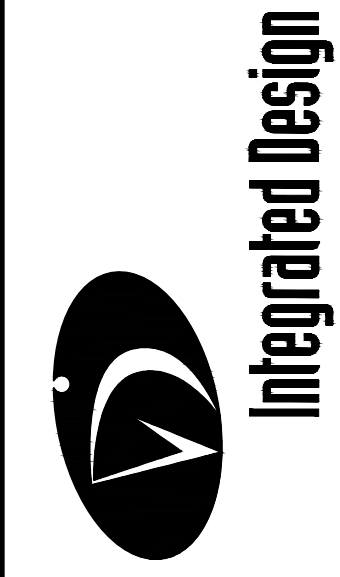
- PROTECT EXISTING CONSTRUCTION TO REMAIN. DO NOT CUT OR ALTER EXISTING STRUCTURE AND SUPPORTING ELEMENTS TO REMAIN UNLESS NOTED OR DETAILED OTHERWISE. IF ANY PART OF DEMOLITION REQUIRES AN ALTERATION TO THESE ELEMENTS AND IS NOT SO NOTED, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR STRUCTURAL ENGINEER PRIOR TO COMMENCEMENT OF WORK AND FINAL PRICING.
- THE GENERAL CONTRACTOR SHALL AND SHALL HOLD HIS SUBCONTRACTORS RESPONSIBLE FOR DISPOSING OF DEMOLITION DEBRIS, CONSTRUCTION DEBRIS, WASTE, AND CHEMICALS APPROPRIATELY AS REQUIRED BY FEDERAL, STATE, AND LOCAL ORDINANCES.
- CONTRACTOR TO USE PROPER CARE IN REMOVAL OF ALL DOORS, LIGHTS, CEILING TILES, WINDOW COVERINGS, CABINETY, AND MECHANICAL AND ELECTRICAL DEVICES TO BE RE-USED.
- THE CONTRACTOR WILL PROTECT AND STORE ALL ITEMS TO BE RE-USED. UNUSED ITEMS MUST BE RETURNED TO BUILDING OWNER UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL DEMOLISH EXISTING PARTITIONS AND VARIOUS OTHER ELEMENTS AS INDICATED ON PLAN AND COORDINATE THE PROPER REMOVAL AND TERMINATION OF ALL RELATED ELECTRICAL SERVICE AND ALL OTHER APPURTENANCES INCLUDED THEREIN.
- ALL DAMAGED EXISTING AREAS TO REMAIN. EXISTING AREAS AFFECTED BY DEMOLITION, OR NEW CONSTRUCTION WORK SHOWN ON DRAWINGS SHALL BE PATCHED AS REQUIRED TO MATCH IMMEDIATE EXISTING ADJACENT AREAS IN MATERIALS, FIRE RATING, FINISH, AND COLOR.
- EXISTING HIDDEN CONDITIONS NOT COVERED BY THESE DOCUMENTS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND TENANT IMMEDIATELY IN ORDER TO WARRANT ADDITIONAL CONSTRUCTION COSTS OR TIME DELAYS.
- PROPERLY REPAIR CRACKS, HOLES, AND IMPERFECTIONS IN EXISTING WALLS AND SAND SMOOTH PRIOR TO REFINISHING.
- PROPERLY CLEAN, REPAIR, SAND, AND PREPARE EXISTING SURFACES TO BE REFINISHED FOR THE PROPOSED NEW FINISHES.
- ALL FIRE PROOFING REMOVED FROM COLUMNS AND BEAMS DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED WITH THE SAME MATERIAL AND RATING AS THAT WHICH WAS REMOVED.

PRICING NOTES

- CONTRACTOR TO PROVIDE SEPARATE LINE ITEM PRICES FOR ALL UPGRADES.
- PROVIDE A UNIT COST FOR ADDITIONAL LIGHT FIXTURES, DUPLEX ELECTRICAL OUTLETS, QUAD-PLEX ELECTRICAL OUTLETS, COMMUNICATIONS OUTLETS, AND FLOOR BOXES.
- ALL CHANGES TO CONTRACT DOCUMENTS SHALL BE BY APPROVED CHANGE ORDER.
- THE BUILDING OWNER, TENANT, ARCHITECT, AND GENERAL CONTRACTOR MUST APPROVE ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS.
- THE CONTRACTOR'S PRICE SHALL INCLUDE ALL ENGINEERING REQUIRED BY CITY OF RALEIGH FOR PERMITTING (MECHANICAL, ELECTRICAL, PLUMBING, AND SPRINKLER). THE OWNER WILL SUPPLY THE ARCHITECTURAL PORTION.



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FACILITY IMPROVEMENTS FOR:
**NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NORTH CAROLINA

DWG BY: KHB
CHK BY: ADH

NO. DATE DESCRIPTION
D 07/28/2023 ISSUE FOR PERMIT

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Dwg scaled for 42x30 plots

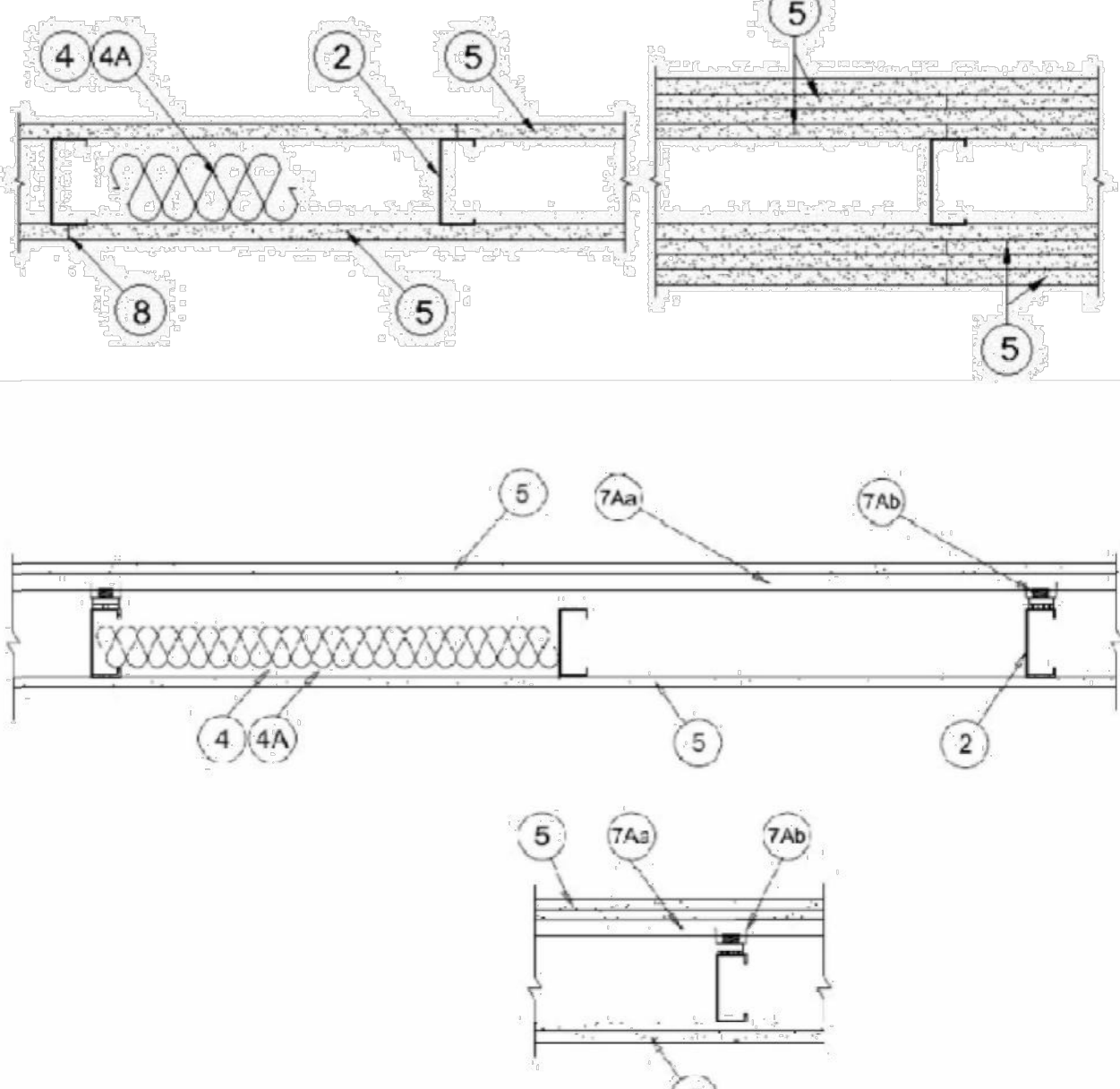
GENERAL NOTES

JOB CODE: NCAOCTR
DRAWING NUMBER

**COVR
105**

Design No. U419
August 15, 2013

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5)



- CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™
- CRACO MFG INC — SmartStud™
- MARINOWARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track
- PHILLIPS MFG CO L L C — Viper25™

2C. **Framing Members* - Steel Studs** — Not shown - In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™
MARINOWARE, DIV OF WARE INDUSTRIES INC — Viper20™
PHILLIPS MFG CO L L C — Viper20™

2D. **Framing Members* - Steel Studs** — In lieu of Item 2 - Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System
CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System
QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System
UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2E. **Framing Members* - Steel Studs** — (Not shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD
DMFCWBS L L C — ProSTUD
MBA BUILDING SUPPLIES — ProSTUD
RAM SALES L L C — Ram ProSTUD
SOUTHEASTERN STUD & COMPONENTS INC — ProSTUD
STEEL STRUCTURAL SYSTEMS L L C — Tri-S ProSTUD

2F. **Framing Members* - Steel Studs** — Not shown - In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.

SUPER STUD BUILDING PRODUCTS — The Edge

2G. **Framing Members* - Steel Studs** — Not shown - In lieu of Item 2 - proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.

STUDDO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members* - Steel Studs** — (Not shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

TELLING INDUSTRIES L L C — TRUE-STUD™

2I. **Framing Members* - Steel Studs** — (As an alternate to Item 2, For use with Items 5C or 5L) - Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

TELLING INDUSTRIES L L C — Viper25™

2J. **Framing Members* - Metal Studs** — Not shown - In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

TELLING INDUSTRIES L L C — Viper20™

3. **Wood Structural Panel Sheathing** — (Optional, For use with Item 5 Only.) - (Not Shown) - 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of

0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets*** — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.
- 4A. **Batts and Blankets*** — (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.
5. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

| Rating, Hr | Min Stud Depth, in. Items 2, 2C, 2D, 2F and 2G | No. of Layers & Thkns of Panel | Min Thkns of Insulation (Item 4) |
|------------|---|--------------------------------|----------------------------------|
| 1 | 3-1/2 | 1 layer, 5/8 in. thick | Optional |
| 1 | 2-1/2 | 1 layer, 1/2 in. thick | 1-1/2 in. |
| 1 | 1-5/8 | 1 layer, 3/4 in. thick | Optional |
| 2 | 1-5/8 | 2 layers, 1/2 in. thick | Optional |
| 2 | 1-5/8 | 2 layers, 5/8 in. thick | Optional |
| 2 | 3-1/2 | 1 layer, 3/4 in. thick | 3 in. |
| 3 | 1-5/8 | 3 layers, 1/2 in. thick | Optional |
| 3 | 1-5/8 | 2 layers, 3/4 in. thick | Optional |
| 3 | 1-5/8 | 3 layers, 5/8 in. thick | Optional |
| 4 | 1-5/8 | 4 layers, 5/8 in. thick | Optional |
| 4 | 1-5/8 | 4 layers, 1/2 in. thick | Optional |
| 4 | 2-1/2 | 2 layers, 3/4 in. thick | 2 in. |

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE
UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE
USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.
5A. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.
CGC INC — Type SHX.
UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board*** — (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in. or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table, Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).

RAY-BAR ENGINEERING CORP — Type RB-LBG
5C. **Gypsum Board*** — (For Use With Item 2B) Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide. Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.
CGC INC — Type SCX.
UNITED STATES GYPSUM CO — Type SCX, SGX.
USG MEXICO S A DE C V — Type SCX.

5D. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 5. For use with Items 1 and 2 only.
UNITED STATES GYPSUM CO — Type USGX.

5E. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in. thick products are specified. For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine drill) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nalco
5F. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only. Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.
UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX.

5G. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E only. Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:
Gypsum Board Protection on Each Side of Wall

| Rating, Hr | Min Stud Depth, in. | No. of Layers & Thickness | Min Thickness of Insulation (Item 4) |
|------------|---------------------|---------------------------|--------------------------------------|
| 2 | 1-5/8 | 2 layers, 1/2 in. thick | Optional |
| 2 | 1-5/8 | 2 layers, 5/8 in. thick | Optional |
| 3 | 1-5/8 | 3 layers, 1/2 in. thick | Optional |
| 3 | 1-5/8 | 3 layers, 5/8 in. thick | Optional |
| 4 | 1-5/8 | 4 layers, 5/8 in. thick | Optional |
| 4 | 1-5/8 | 4 layers, 1/2 in. thick | Optional |

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or 3/4 in. thick Types IP-X3 or ULTRACODE
UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE
USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table, Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum
5I. **Gypsum Board*** — (As an alternate to Item 5) - Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.

CGC INC — Type ULX
UNITED STATES GYPSUM CO — Type ULX
USG MEXICO S A DE C V — Type ULX
5J. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in. thick products are specified. For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

6. **Fasteners** — (Not shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems:** First layer: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer: 1-5/8 in. long for 1/2 in., 5/8 in. thick panels

or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer: 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer: 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer: 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer: 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer: 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer: 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer: 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. **Furring Channels** — (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A and 5E.
7A. **Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:
a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.
b. Steel Framing Members* — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-V and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL INC — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).
7B. **Framing Members*** — (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below:
a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A and 5E.
b. Steel Framing Members* — Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC, and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.
KINETICS NOISE CONTROL INC — Type Isomax

7C. **Framing Members*** — (Optional - Not Shown - Used as an alternate method to attach resilient channels (Item 7). Clips attached at each intersection of the resilient channel and the steel studs (Item 2). Resilient channels are friction fitted into clips and then clips are secured to the steel stud with min. 1 in. long Type S-12 steel screws through the center hole of the clip and the resilient channel flange.
7D. **Framing Members*** — (Optional - Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:
a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.
b. Steel Framing Members* — Used to attach furring channels (Item 7Da) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.
GENIE INC — Type GENIECLIP
7E. **Steel Framing Members*** — (Optional, Not Shown)* - Furring channels and resilient sound isolation clip as described below:
a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 4. Side joint furring

channels shall be attached to studs with RESLMOUNT Sound Isolation Clips - located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge. Not for use with Item 5A and 5E.
b. Steel Framing Members* — Resilient sound isolation clip used to attach furring channels (Item 7Ea) to studs. Clips spaced 24 in. OC, and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

STUDDO BUILDING SYSTEMS — RESLMOUNT Sound Isolation Clips - Type A237 or A237R
8. **Joint Tape and Compound** — Vinyl or caulk, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.
9. **Siding, Brick or Stucco** — (Optional, not shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

10. **Caulking and Sealants*** — (Optional, not shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.
UNITED STATES GYPSUM CO — Type AS

11. **Lead Batten Strips** — (Not Shown, For Use With Item 5B) - Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints.
11A. **Lead Batten Strips** — (Not Shown, For Use With Item 5H) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grades "A, B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

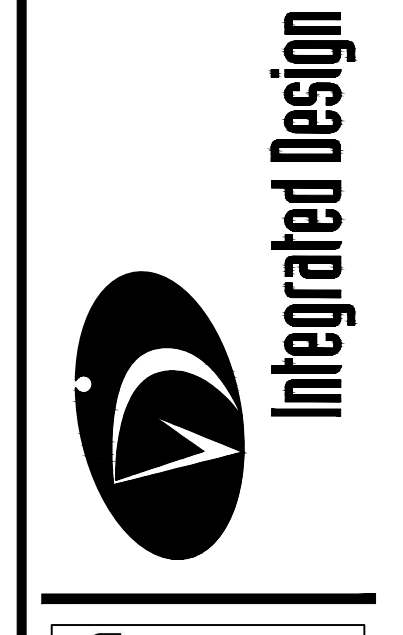
12. **Lead Discs or Tabs** — (Not Shown, For Use With Item 5B) - Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
12A. **Lead Discs** — (Not Shown, for use with Item 5H) Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.9% meeting the Federal Specification QQ-L-201f, Grades "A, B, C or D".

13. **Lead Batten Strips** — (Not Shown, For Use With Item 5E) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations.

14. **Lead Tabs** — (Not Shown, For Use With Item 5E) 2 in. wide, 5 in. long with a max thickness of 0.142 in. Brass friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.
*Bearing the UL Classification Mark



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Salas O'Brien
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salasobrien.com
license (NC): F-1434

FACILITY IMPROVEMENTS FOR:
**NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NORTH CAROLINA

DWG BY: KHB
CHK BY: ADH

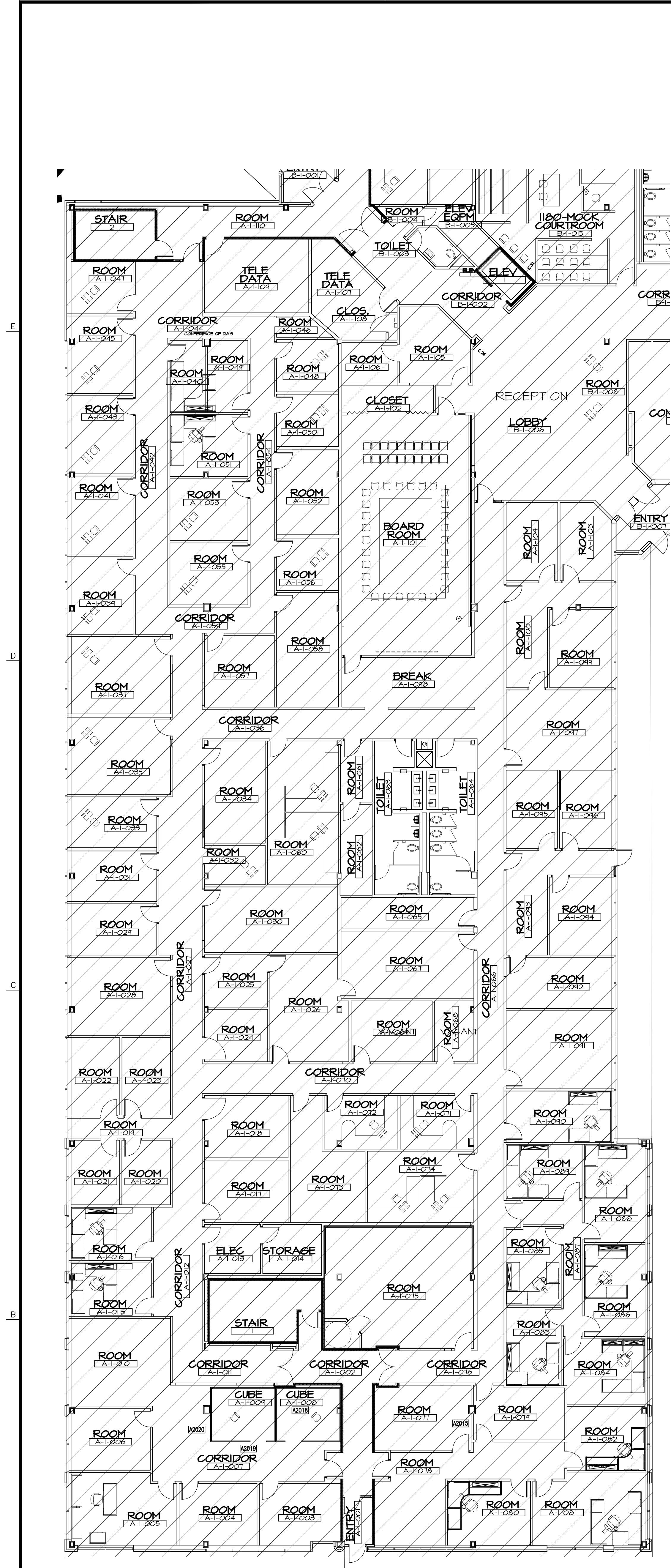
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Dwg scaled for 42x30 plots

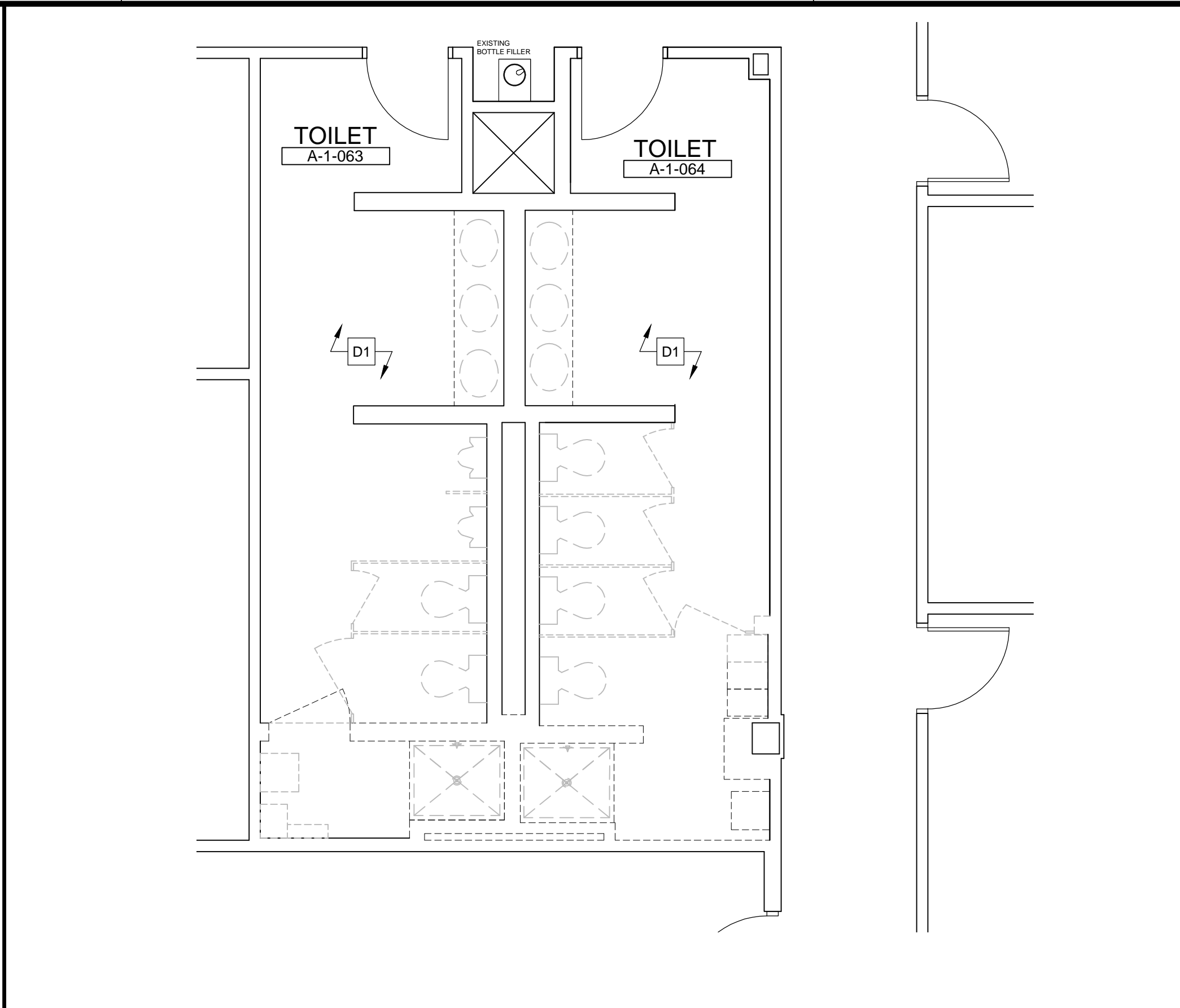
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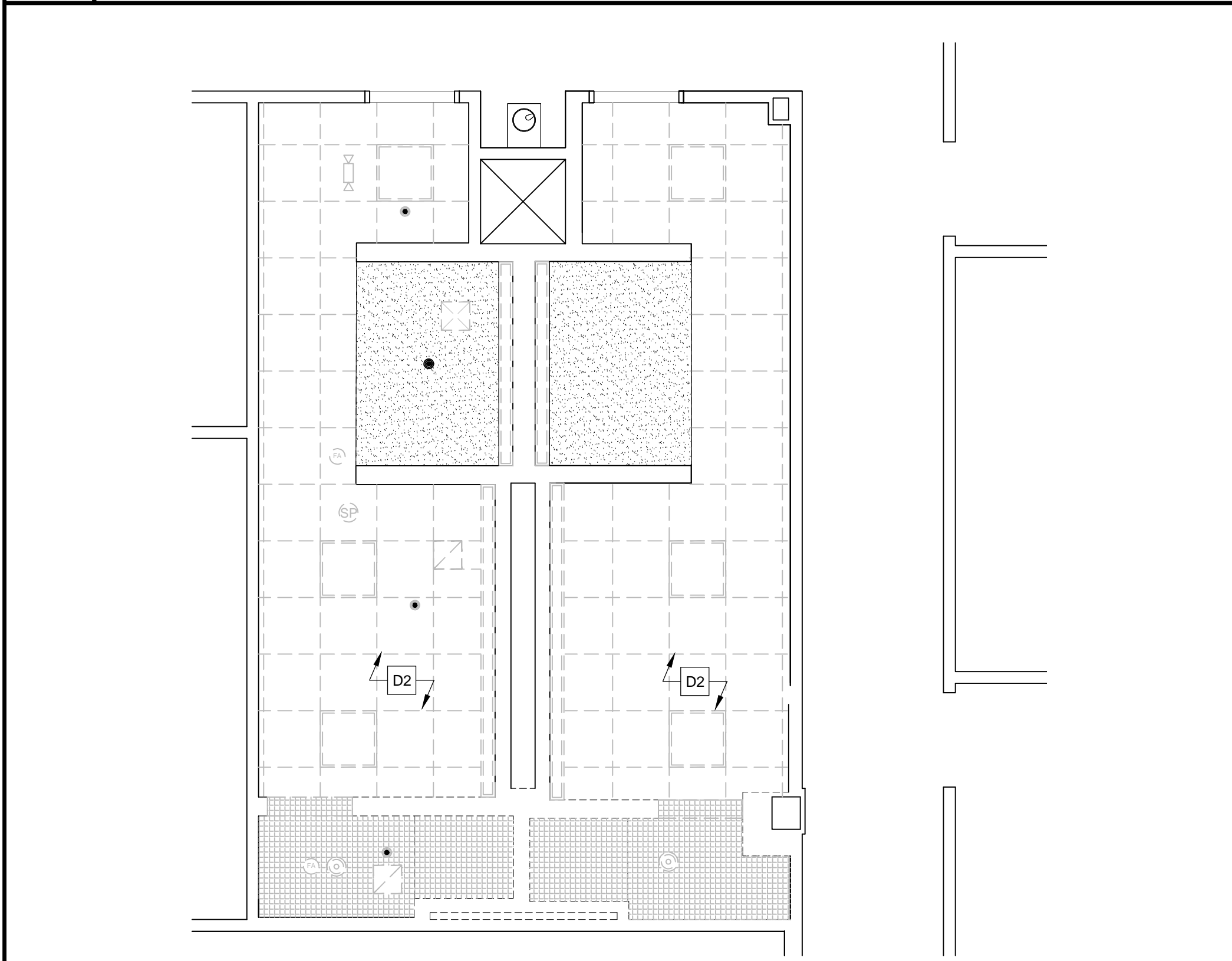
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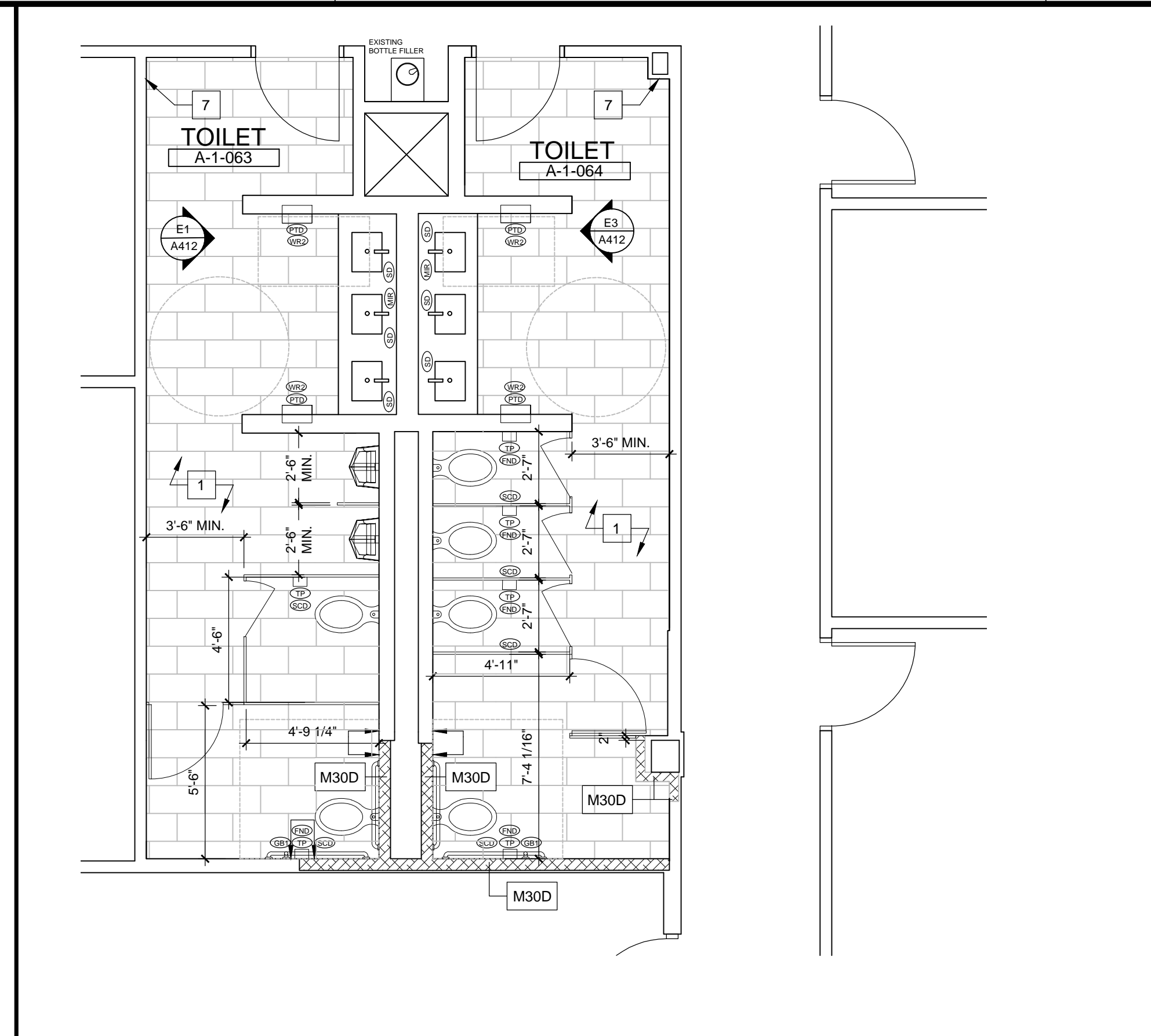
A1 FIRST FLOOR - BUILDING A - FLOOR PLAN SCALE: 3/32" = 1'-0"



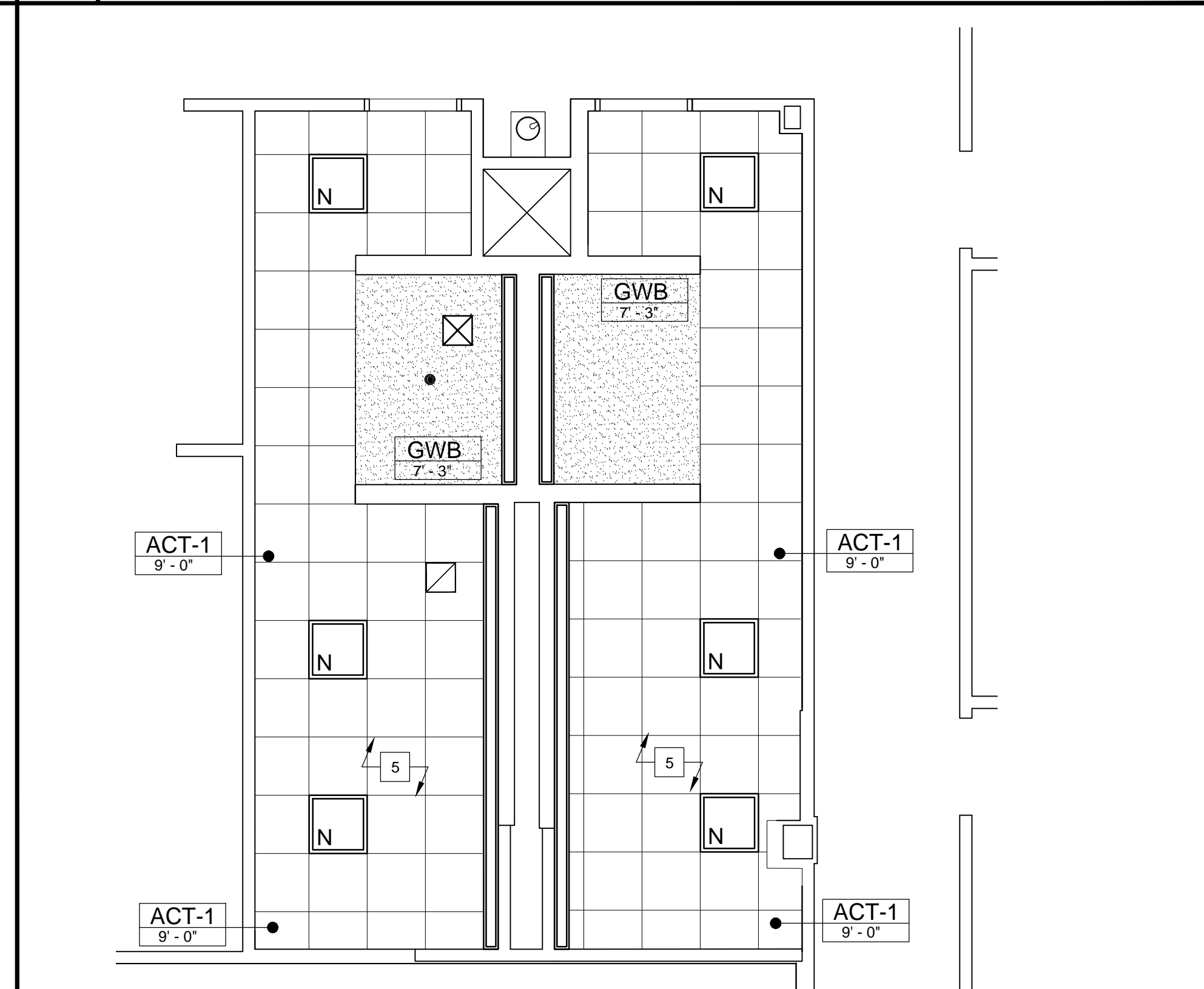
D3 TOILET ROOMS A-1-063 AND A-1-064 DEMO PLAN SCALE: 1/4" = 1'-0"



B3 TOILET ROOMS DEMO REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0"



D4 TOILET ROOMS A-1-063 AND A-1-064 FLOOR PLAN SCALE: 1/4" = 1'-0"



B4 TOILET ROOMS - REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0"

WALL TO BE REMOVED
 DESIGNATES EXISTING WALL OR FIRE BARRIER TO REMAIN.
 DESIGNATES NEW WALL

EXISTING DOOR TO REMAIN
 EXISTING DOOR TO BE REMOVED

NEW, RELOCATED OR EXISTING DOOR TO BE MODIFIED

DIMENSION TO NEW WALL FINISH SURFACE
 MAXIMUM DIMENSION ALLOWED (MAY BE LESS)
 MINIMUM DIMENSION ALLOWED (MAY BE MORE)
 EXACT DIMENSION BETWEEN FINAL FINISHED SURFACES
 TARGET DIMENSION WHICH MAY NOT BE ACHIEVED IN FIELD - BE AWARE
 ALIGN THESE FINISHED SURFACES

EXISTING 2X4 LIGHTS TO BE DEMO/ RELOCATED. SEE ELEC. DWGS FOR DETAILS.
 EXISTING 2X4 LIGHTS TO REMAIN.
 NEW 2X4 LIGHTS. SEE ELEC. DWGS FOR DETAILS.

EXISTING CLG. GRID TO BE DEMO/ RELOCATED. SEE ELEC. DWGS FOR DETAILS.
 EXISTING CLG. GRID TO REMAIN.
 NEW CLG. GRID TO MATCH EXISTING. SEE ELEC. DWGS FOR DETAILS.

EXISTING HVAC DIFFUSERS TO BE DEMO/ RELOCATED. SEE MECH. DWGS FOR DETAILS.
 EXISTING HVAC DIFFUSERS TO REMAIN.
 NEW HVAC DIFFUSERS TO MATCH EXISTING. SEE MECH. DWGS FOR DETAILS.

EXISTING SPRINKLER TO BE RELOCATED.
 EXISTING SPRINKLER TO REMAIN.
 RELOCATED SPRINKLER

NOTE: LIMITING HEIGHTS MAY VARY BY PROJECT. REQUIREMENTS FOR LOADING DEFLECTION CRITERIA.
 SEE ALSO TYPICAL BRIDGING ATTACHMENT DETAILS. ATTACH GWB TO METAL STUDS WITH #6 SCREWS MIN. @ 12" O.C. MAX. AND AS OTHERWISE REQUIRED BY CODE.
 SEE ALSO UL DETAILS FOR BALANCE OF INFORMATION FOR ASSOCIATED WALL TYPES.

M 60 A
 M - METAL
 W - WOOD
 B - BLOCK (CMU)
 C - CONCRETE
 CR - CLEAN ROOM
 SH - SHAFTHALL
 MODIFIER
 FIRE RATING
 STUD / BLOCK SIZE

B6 LEGEND SCALE: 1/4" = 1'-0"

DEMOLITION KEY NOTES

D1 DEMOLISH WALLS AND DOORS AT EXISTING SHOWER ENCLOSURE WHERE APPLICABLE. REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.

D2 REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING - SEE ALSO PME DRAWINGS. GWB CEILING TO REMAIN. IF EXTENSIVE DEMOLITION TO GWB CEILING IS REQUIRED DURING CONSTRUCTION, ALERT ARCHITECT AND OWNER BEFORE PROCEEDING.

D3 REMOVE TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. PLUMBING FIXTURES TO REMAIN THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.

D4 REMOVE EXISTING BOTTLE FILLER UNIT FOR FIXTURE REPLACEMENT. ALERT ARCHITECT IF CONDITION VARIES FROM WHAT IS NOTED.

NEW WORK KEY NOTES

1 PROVIDE NEW PLUMBING FIXTURES WHERE APPLICABLE. TOILET PARTITIONS, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS, ARCHITECTURAL ELEVATIONS AND ACCESSIBILITY DETAILS. COORDINATE & MODIFY LOCATIONS OF EXISTING PLUMBING AS REQUIRED TO MEET ALL ADA CLEARANCES AND MINIMUM DIMENSIONS.

2 PROVIDE NEW LIGHT FIXTURES AND UTILITY FIXTURES THIS ROOM AT EXISTING LOCATIONS. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS.

3 THIS RESTROOM IS DOES NOT MEET ADA REQUIREMENTS FOR A SINGLE COMPARTMENT RESTROOM. PROVIDE DIRECTIONAL SIGNAGE ON FRONT DOOR FOR ADJACENT ADA COMPLIANT RESTROOMS. PROVIDE NEW PLUMBING FIXTURES, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS AND ARCHITECTURAL ELEVATIONS.

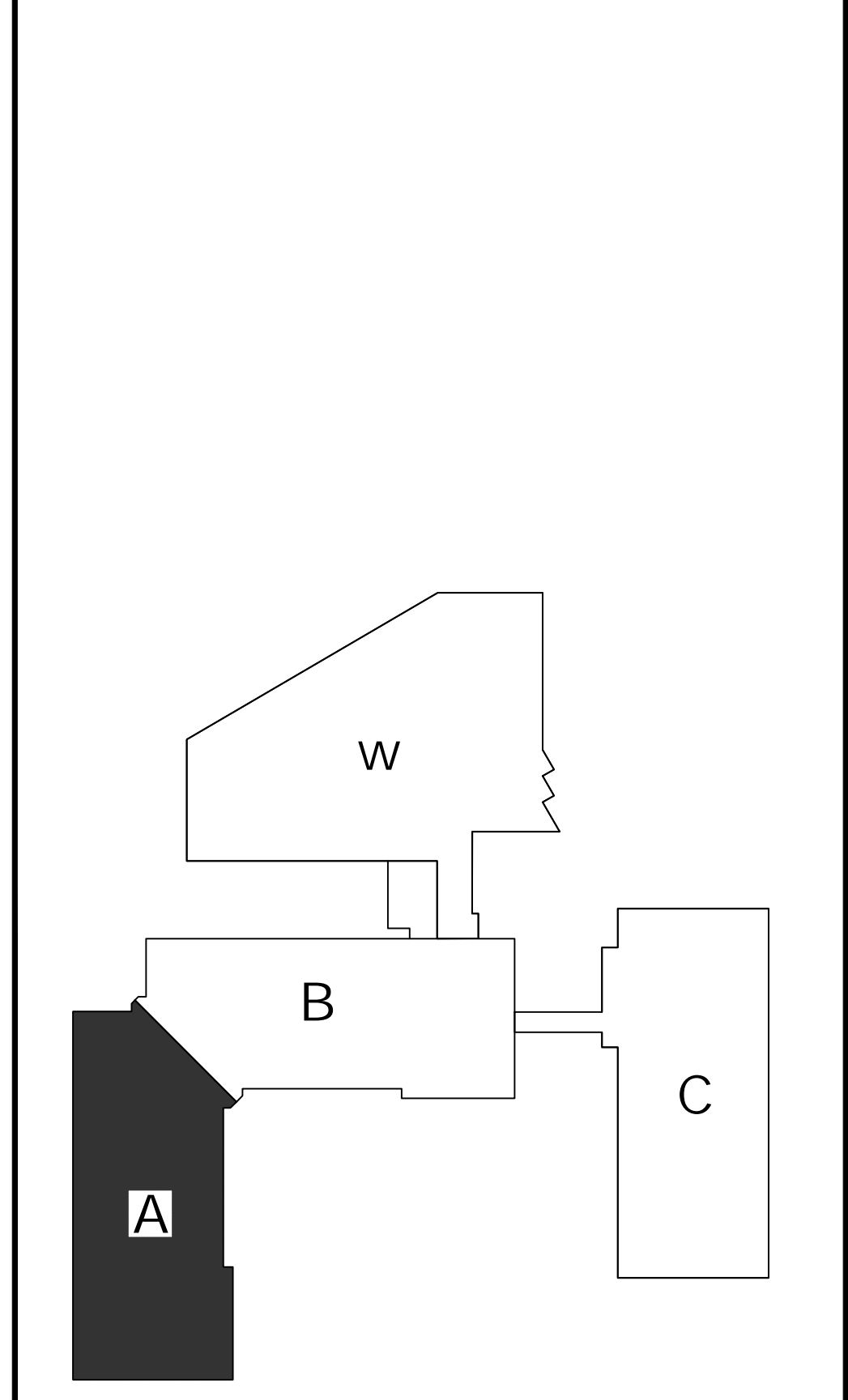
4 AMBULATORY ACCESSIBLE COMPARTMENT PER NCSBC 604.8.2. SEE ACCESSIBILITY DETAILS.

5 PROVIDE NEW LIGHT FIXTURES, UTILITY FIXTURES, AND ACT CEILING THIS ROOM. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS. NOTE: MATCH EXISTING CEILING HEIGHTS.

6 REPLACE EXISTING BOTTLE FILLER UNIT WITH DOUBLE WATER FOUNTAIN WITH BOTTLE FILLER - ADA COMPLIANT.

7 ADD COAT HOOK

A5 KEY NOTES SCALE: NTS



A6 KEY PLAN SCALE: NTS

INTEGRATED DESIGN, P.A.
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 ANNA D. HENDRICK
 REGISTERED ARCHITECT
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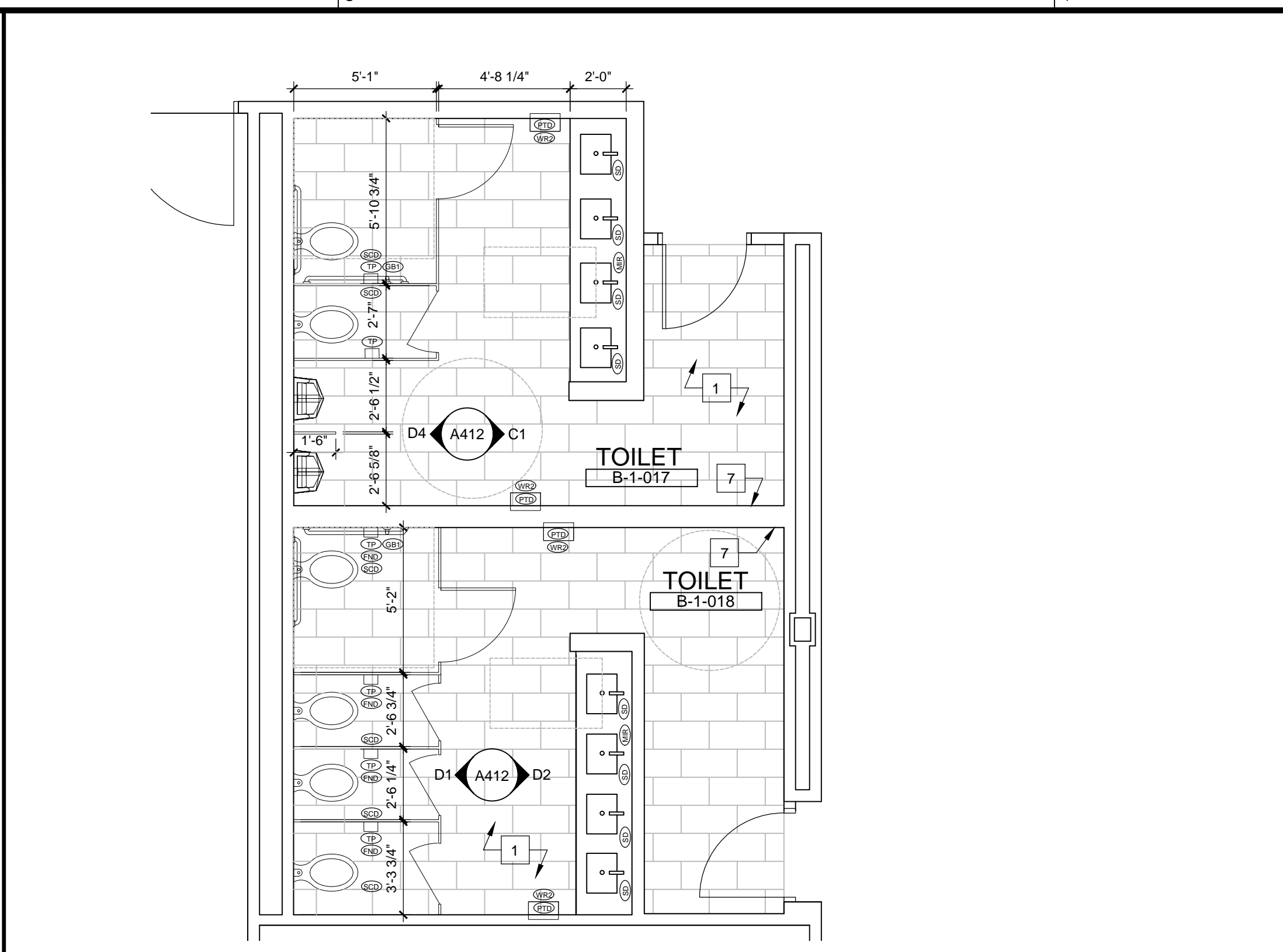
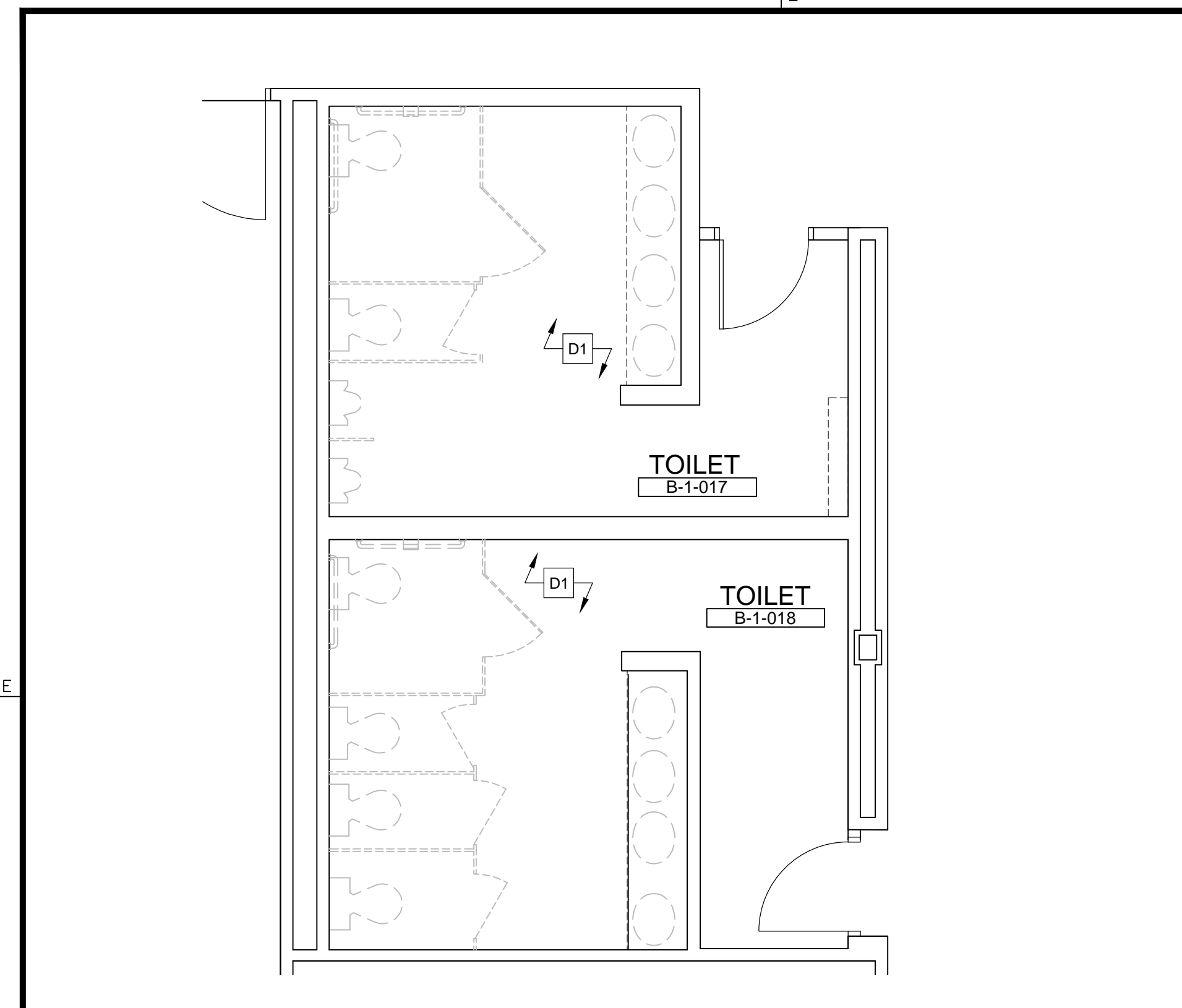
DWG BY: KHB
 CHK BY: ADH

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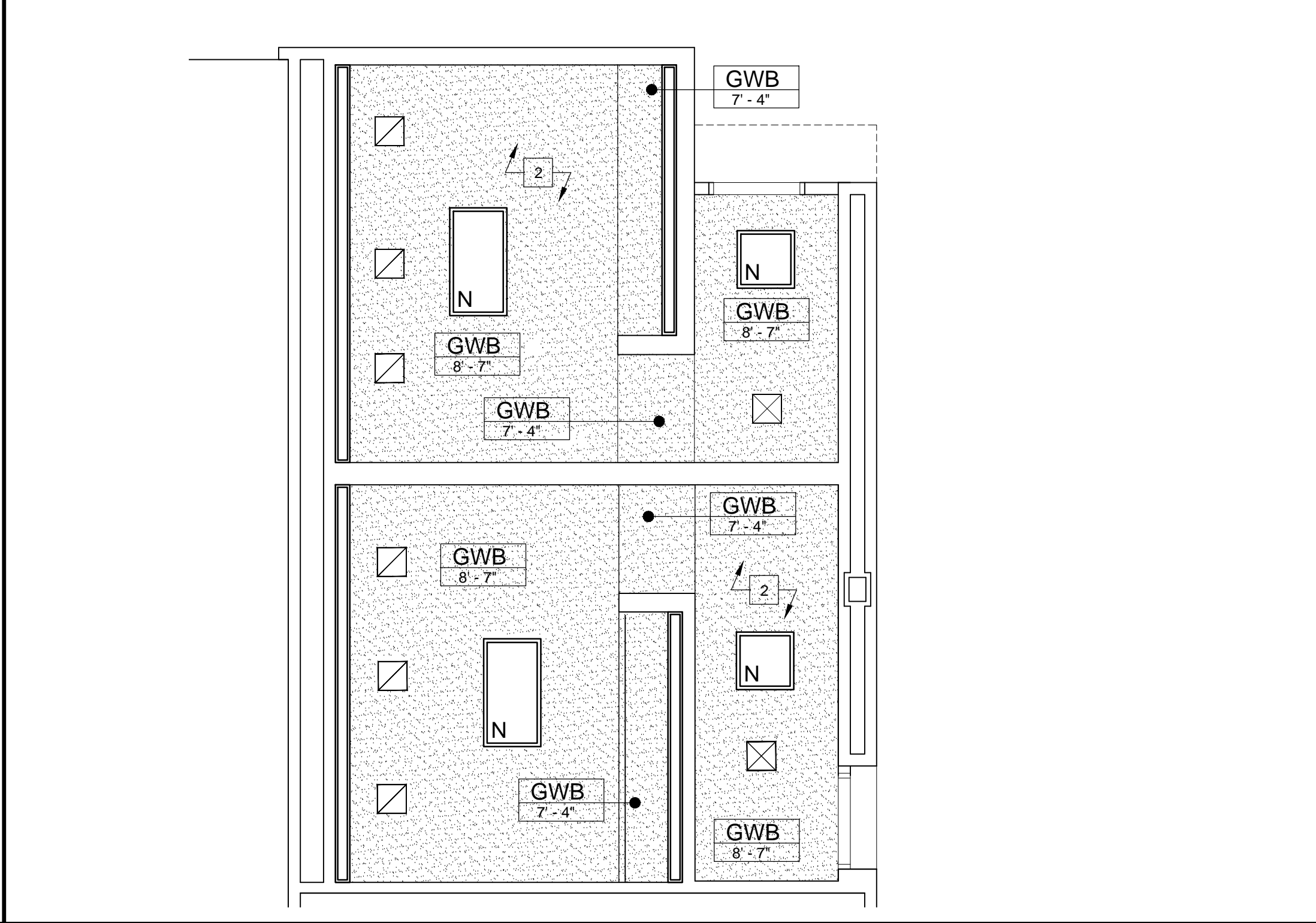
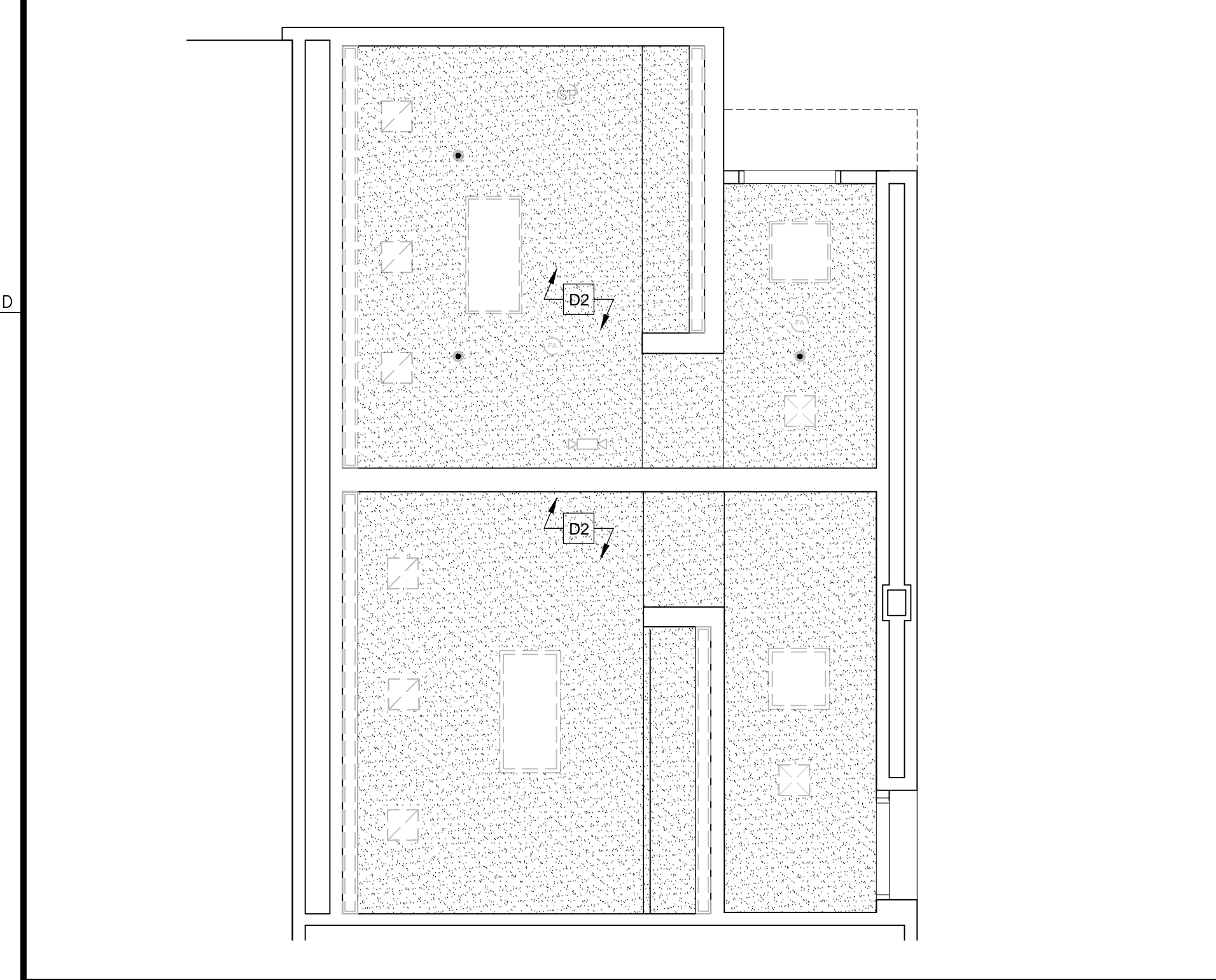
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1ST FLOOR BLDG A DEMO & NEW WORK PLANS & CEILING PLANS
 JOB CODE: NCAOCTR
 DRAWING NUMBER
A100



D1 TOILET ROOMS B-1-017 AND B-1-018 DEMO PLAN SCALE: 1/4" = 1'-0"

D2 TOILET ROOMS B-1-017 AND B-1-018 FLOOR PLAN SCALE: 1/4" = 1'-0"



C1 TOILET ROOMS B-1-017 AND B-1-018 DEMO RCP SCALE: 1/4" = 1'-0"

C2 TOILET ROOMS B-1-017 AND B-1-018 RCP SCALE: 1/4" = 1'-0"

- ### DEMOLITION KEY NOTES
- D1 DEMOLISH WALLS AND DOORS AT EXISTING SHOWER ENCLOSURE WHERE APPLICABLE. REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.
 - D2 REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING - SEE ALSO PME DRAWINGS. GWB CEILING TO REMAIN. IF EXTENSIVE DEMOLITION TO GWB CEILING IS REQUIRED DURING CONSTRUCTION, ALERT ARCHITECT AND OWNER BEFORE PROCEEDING.
 - D3 REMOVE TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. PLUMBING FIXTURES TO REMAIN THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.
 - D4 REMOVE EXISTING BOTTLE FILLER UNIT FOR FIXTURE REPLACEMENT. ALERT ARCHITECT IF CONDITION VARIES FROM WHAT IS NOTED.
- ### NEW WORK KEY NOTES
- 1 PROVIDE NEW PLUMBING FIXTURES WHERE APPLICABLE. TOILET PARTITIONS, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS, ARCHITECTURAL ELEVATIONS AND ACCESSIBILITY DETAILS. COORDINATE & MODIFY LOCATIONS OF EXISTING PLUMBING AS REQUIRED TO MEET ALL ADA CLEARANCES AND MINIMUM DIMENSIONS.
 - 2 PROVIDE NEW LIGHT FIXTURES AND UTILITY FIXTURES THIS ROOM AT EXISTING LOCATIONS. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS.
 - 3 THIS RESTROOM DOES NOT MEET ADA REQUIREMENTS FOR A SINGLE COMPARTMENT RESTROOM. PROVIDE DIRECTIONAL SIGNAGE ON FRONT DOOR FOR ADJACENT ADA COMPLIANT RESTROOMS. PROVIDE NEW PLUMBING FIXTURES, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS AND ARCHITECTURAL ELEVATIONS.
 - 4 AMBULATORY ACCESSIBLE COMPARTMENT PER NCSCC 604.2.2. SEE ACCESSIBILITY DETAILS.
 - 5 PROVIDE NEW LIGHT FIXTURES, UTILITY FIXTURES, AND ACT CEILING THIS ROOM. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS. NOTE: MATCH EXISTING CEILING HEIGHTS.
 - 6 REPLACE EXISTING BOTTLE FILLER UNIT WITH DOUBLE WATER FOUNTAIN WITH BOTTLE FILLER - ADA COMPLIANT.
 - 7 ADD COAT HOOK

C4 KEY NOTES

WALL TO BE REMOVED
DESIGNATES EXISTING WALL OR FIRE BARRIER TO REMAIN
DESIGNATES NEW WALL

EXISTING DOOR TO REMAIN
EXISTING DOOR TO BE REMOVED
NEW, RELOCATED, OR EXISTING DOOR TO BE MODIFIED

MAXIMUM DIMENSION ALLOWED (MAY BE LESS)
MINIMUM DIMENSION ALLOWED (MAY BE MORE)
EXACT DIMENSION BETWEEN FINAL FINISHED SURFACES
TARGET DIMENSION WHICH MAY NOT BE ACHIEVED IN FIELD - BE AWARE
ALIGN THESE FINISHED SURFACES

EXISTING 2X4 LIGHTS TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.
EXISTING 2X4 LIGHTS TO REMAIN.
NEW 2X4 LIGHTS. SEE ELEC. DWGS FOR DETAILS.

EXISTING CLG. GRID TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.
EXISTING CLG. GRID TO REMAIN.

NEW CLG. GRID TO MATCH EXISTING. SEE ELEC. DWGS FOR DETAILS.

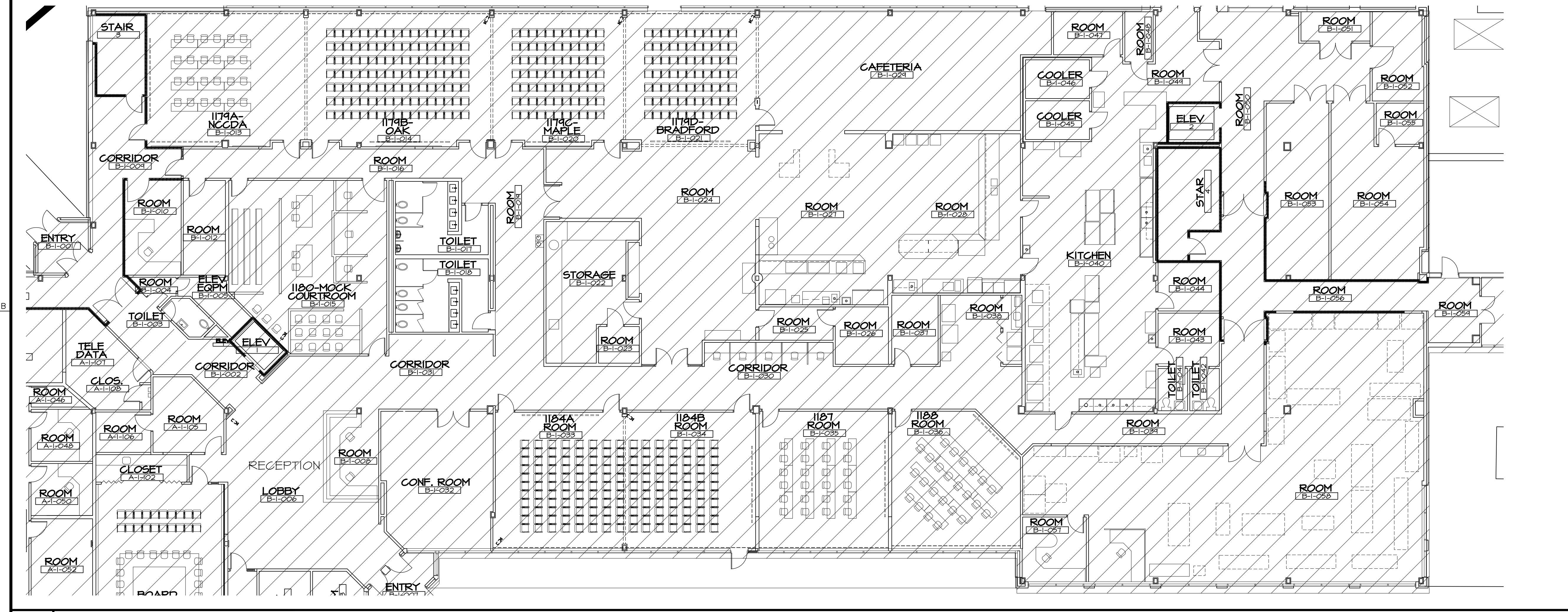
EXISTING HVAC DIFFUSERS TO BE DEMO/RELOCATED. SEE MECH. DWGS FOR DETAILS.
EXISTING HVAC DIFFUSERS TO REMAIN.
NEW HVAC DIFFUSERS TO MATCH EXISTING. SEE MECH. DWGS FOR DETAILS.

EXISTING SPRINKLER TO BE RELOCATED.
EXISTING SPRINKLER TO REMAIN.
RELOCATED SPRINKLER

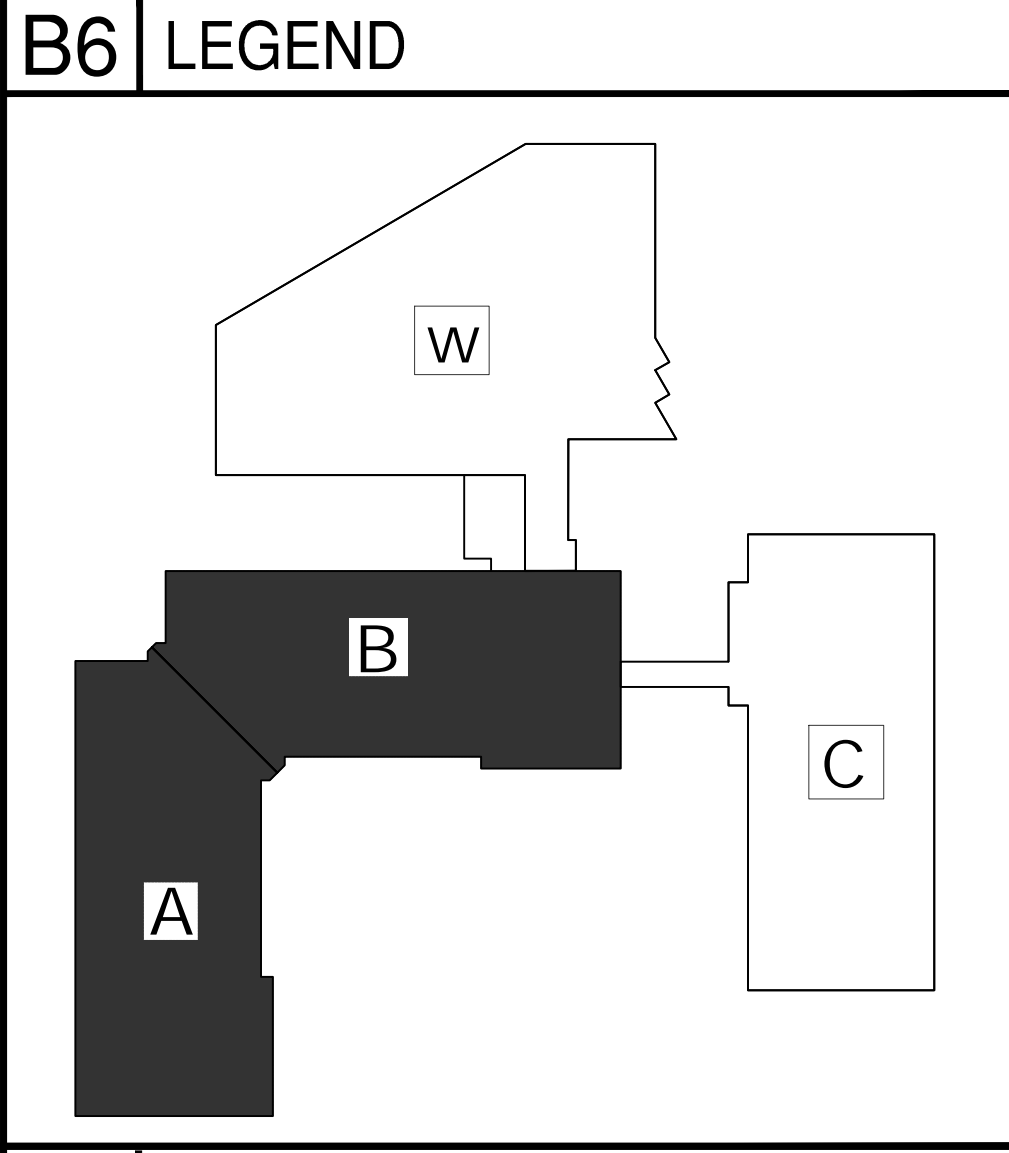
NOTE: LIMITING HEIGHTS MAY VARY BY PROJECT REQUIREMENTS FOR LOADING DEFLECTION CRITERIA.
SEE ALSO TYPICAL BRIDGING ATTACHMENT DETAILS. ATTACH GWB TO METAL STUDS WITH #6 SCREENS MIN. @ 12" O.C. MAX. AND AS OTHERWISE REQUIRED BY CODE.
SEE ALSO UL DETAILS FOR BALANCE OF INFORMATION FOR ASSOCIATED WALL TYPES.

M- METAL
W- WOOD
B- BLOCK (CMU)
C- CONCRETE
CR- CLEAN ROOM
SH- SHAFTWALL
MODIFIER
FIRE RATING
STUD / BLOCK SIZE

M 60 A



A1 FIRST FLOOR - BUILDING B - FLOOR PLAN



A6 KEY PLAN SCALE: NTS

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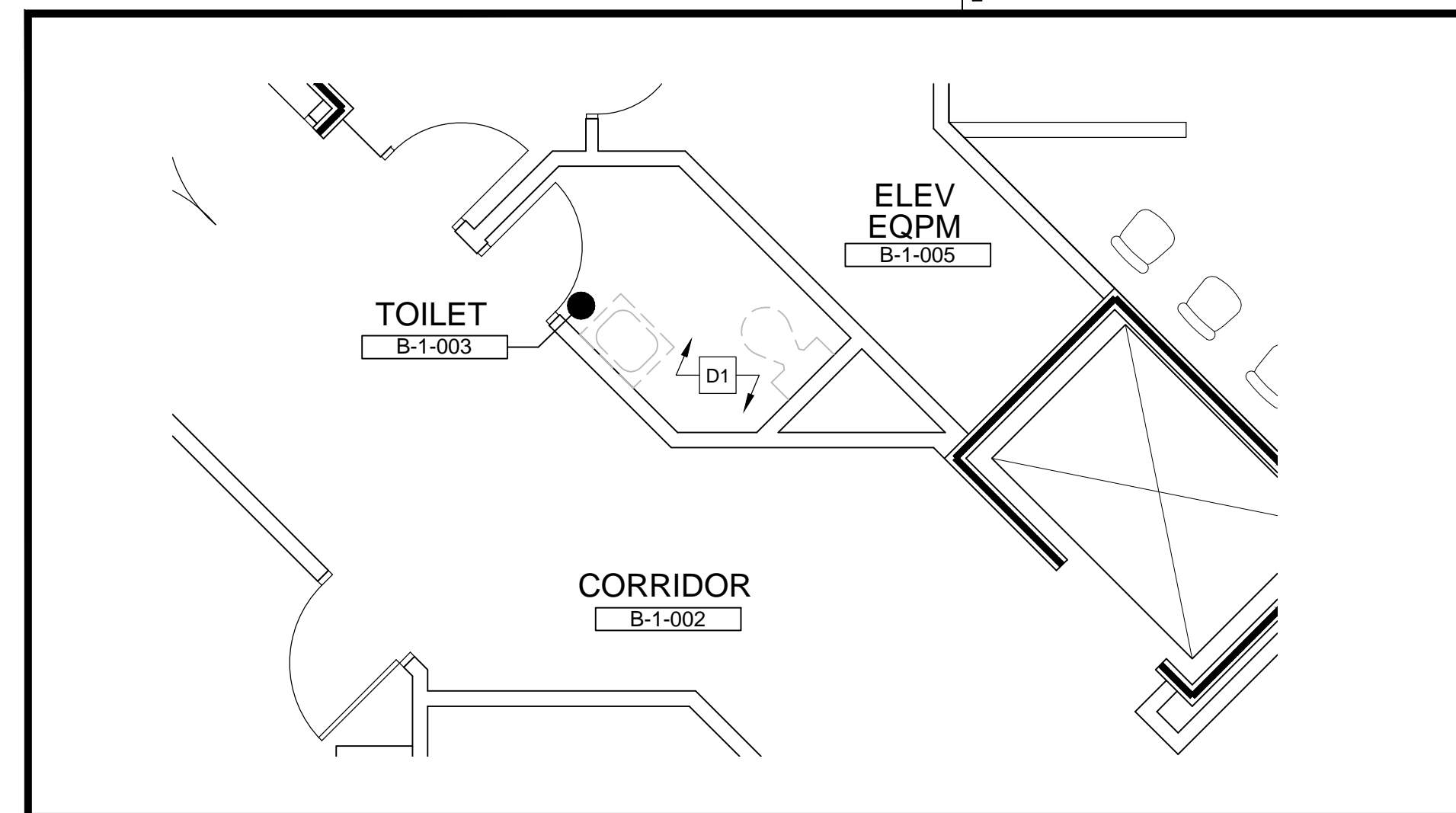
FACILITY IMPROVEMENTS FOR:
**NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS**
RALEIGH, NORTH CAROLINA

DWG BY: KHB
CHK BY: ADH

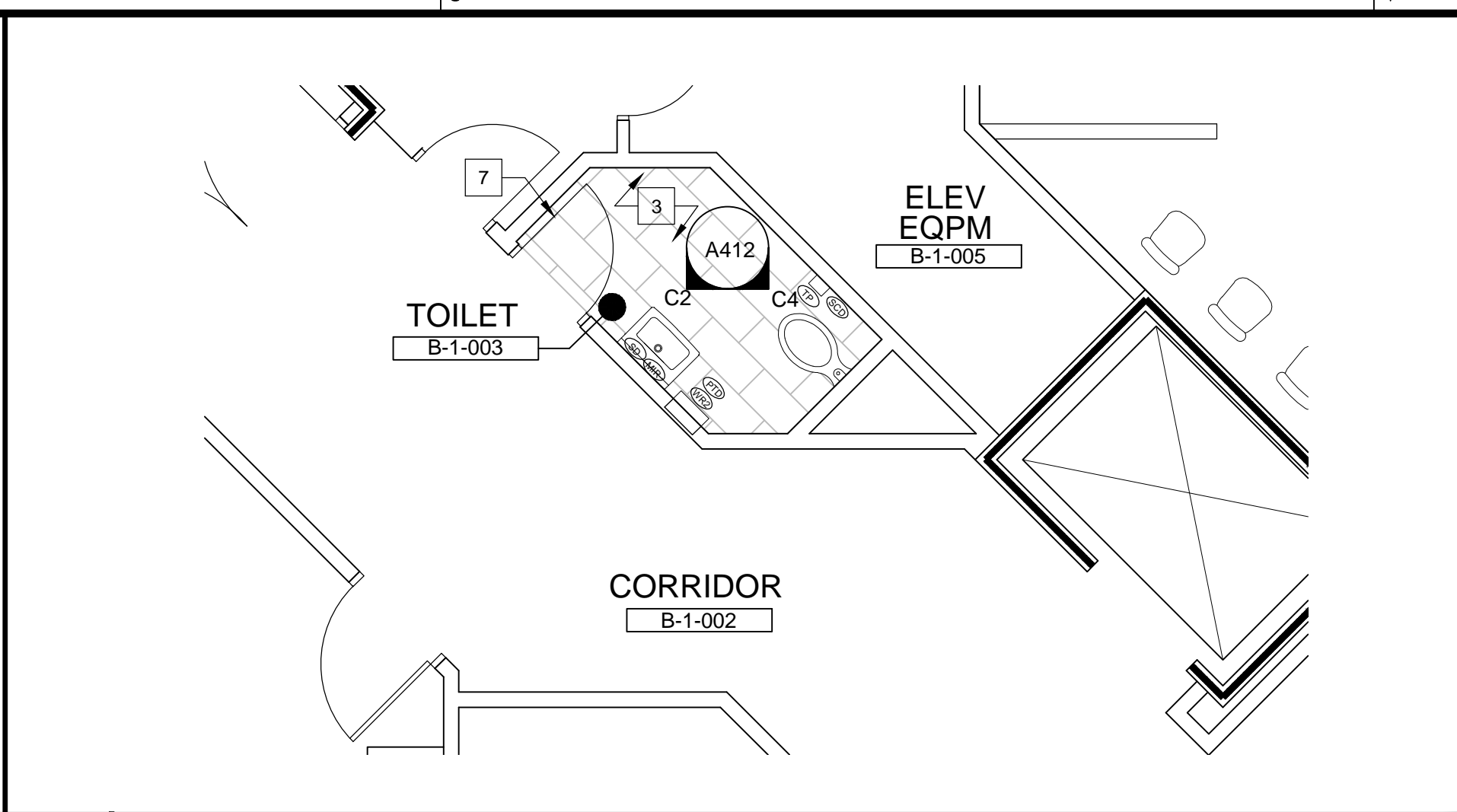
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Dwg scaled for 42x30 plots

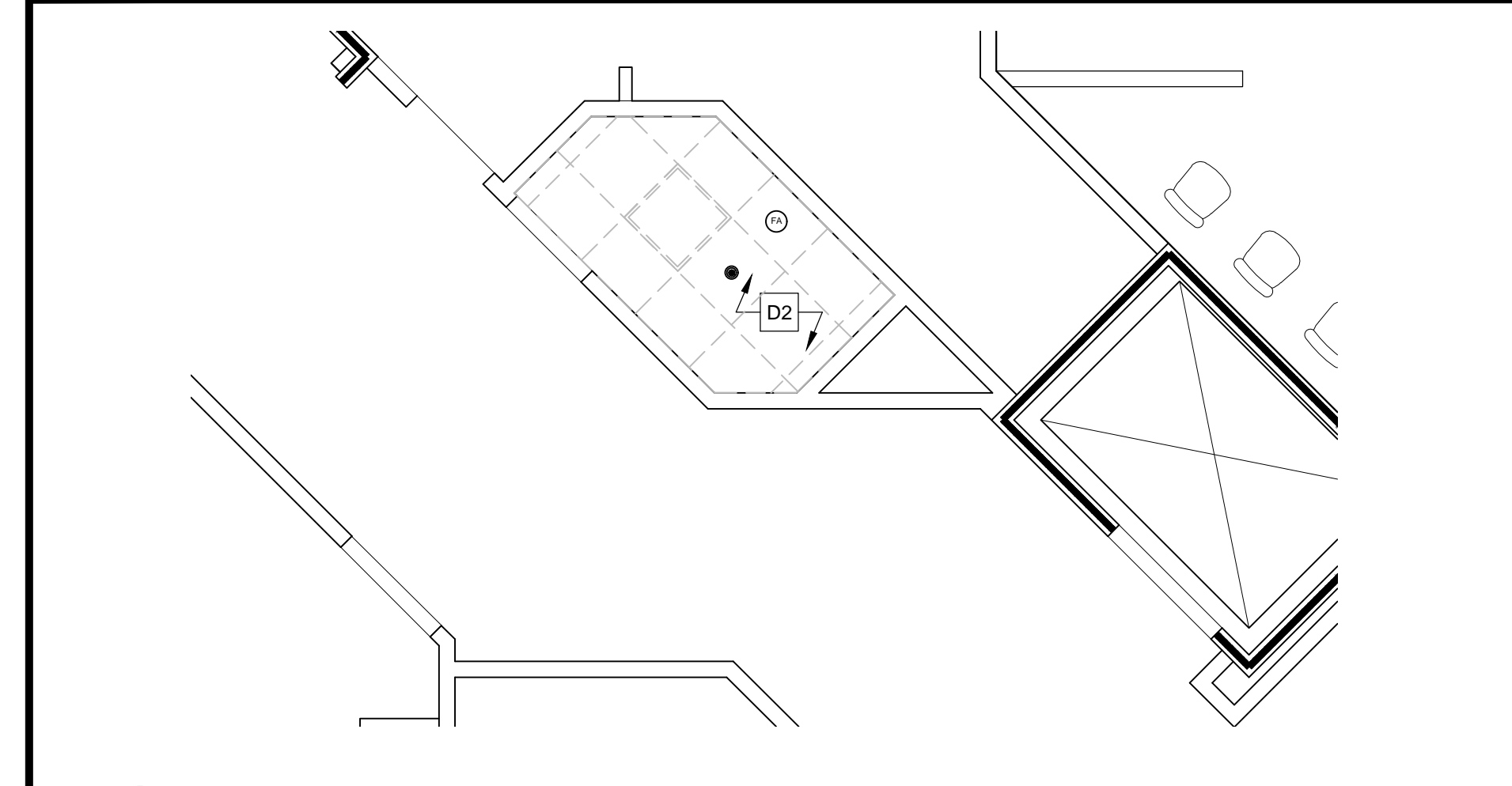
1ST FLOOR BLDG B
DEMO & NEW WORK
PLANS &
CEILING PLANS
JOB CODE: NCAOCTR
DRAWING NUMBER
A101



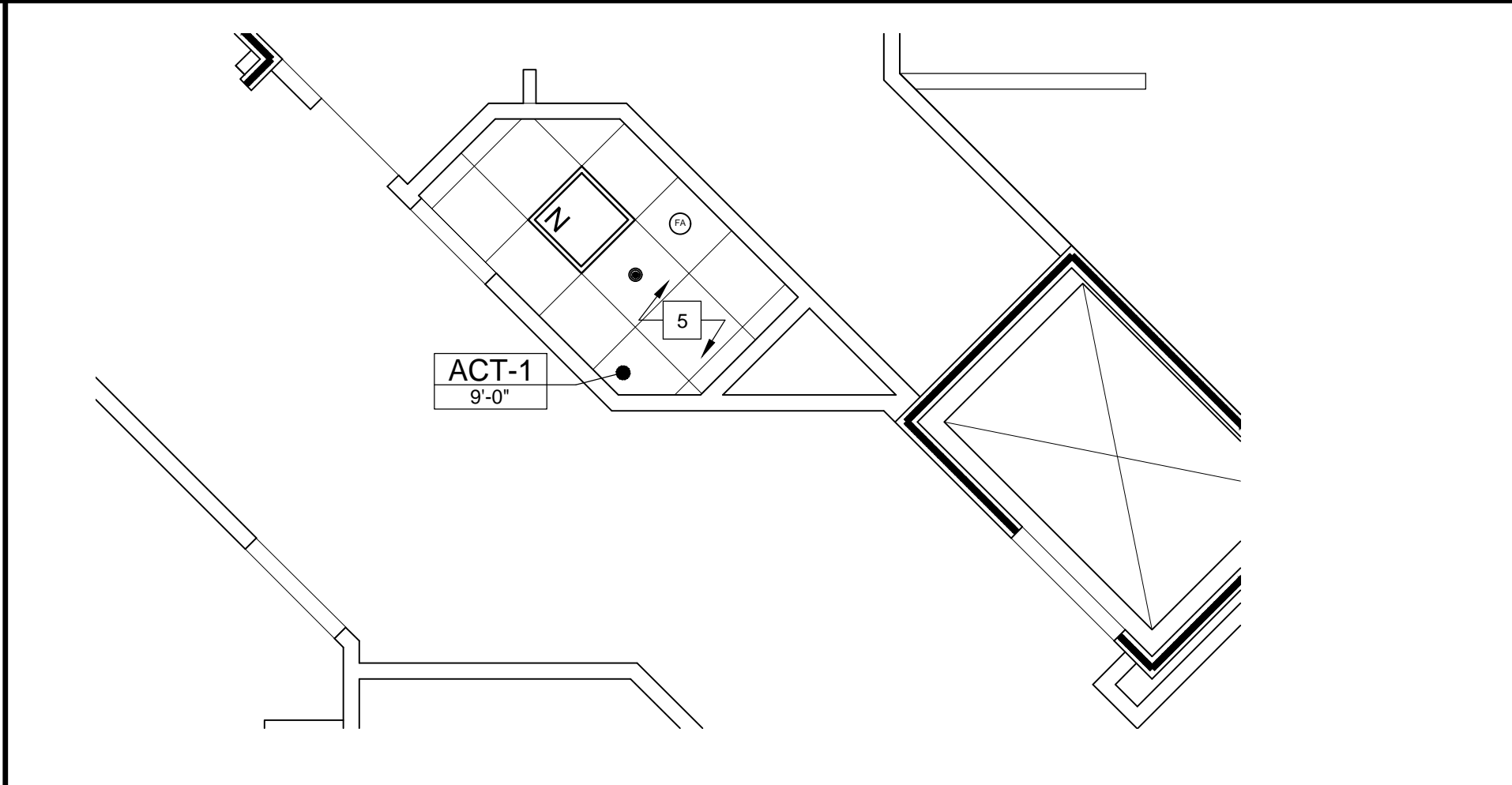
C1 TOILET ROOM B-1-003 DEMOLITION PLAN SCALE: 1/4" = 1'-0"



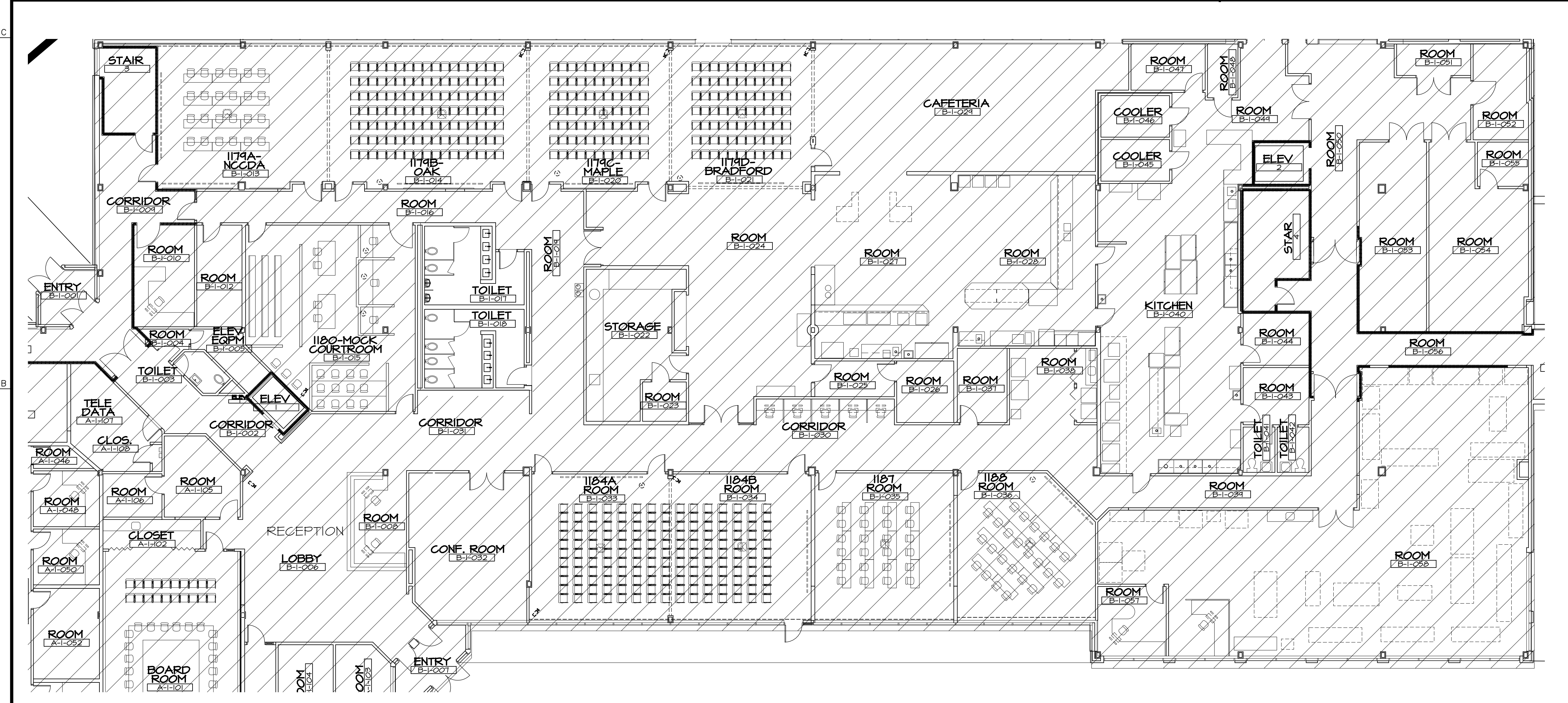
C2 TOILET ROOM B-1-003 FLOOR PLAN SCALE: 1/4" = 1'-0"



C3 TOILET ROOM B-1-003 DEMO RCP SCALE: 1/4" = 1'-0"



C5 TOILET ROOM B-1-003 RCP SCALE: 1/4" = 1'-0"



A1 FIRST FLOOR - BUILDING B - FLOOR PLAN SCALE: 3/32" = 1'-0"

DEMOLITION KEY NOTES

- D1 DEMOLISH WALLS AND DOORS AT EXISTING SHOWER ENCLOSURE WHERE APPLICABLE. REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.
- D2 REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING - SEE ALSO PME DRAWINGS, GWB CEILING TO REMAIN. IF EXTENSIVE DEMOLITION TO GWB CEILING IS REQUIRED DURING CONSTRUCTION, ALERT ARCHITECT AND OWNER BEFORE PROCEEDING.
- D3 REMOVE TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. PLUMBING FIXTURES TO REMAIN THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.
- D4 REMOVE EXISTING BOTTLE FILLER UNIT FOR FIXTURE REPLACEMENT. ALERT ARCHITECT IF CONDITION VARIES FROM WHAT IS NOTED.

NEW WORK KEY NOTES

- 1 PROVIDE NEW PLUMBING FIXTURES WHERE APPLICABLE, TOILET PARTITIONS, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS, ARCHITECTURAL ELEVATIONS AND ACCESSIBILITY DETAILS. COORDINATE & MODIFY LOCATIONS OF EXISTING PLUMBING AS REQUIRED TO MEET ALL ADA CLEARANCES AND MINIMUM DIMENSIONS.
- 2 PROVIDE NEW LIGHT FIXTURES AND UTILITY FIXTURES THIS ROOM AT EXISTING LOCATIONS. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS.
- 3 THIS RESTROOM IS DOES NOT MEET ADA REQUIREMENTS FOR A SINGLE COMPARTMENT RESTROOM. PROVIDE DIRECTIONAL SIGNAGE ON FRONT DOOR FOR ADJACENT ADA COMPLIANT RESTROOMS. PROVIDE NEW PLUMBING FIXTURES, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS AND ARCHITECTURAL ELEVATIONS.
- 4 AMBULATORY ACCESSIBLE COMPARTMENT PER NCSC 604.8.2 - SEE ACCESSIBILITY DETAILS.
- 5 PROVIDE NEW LIGHT FIXTURES, UTILITY FIXTURES, AND ACT CEILING THIS ROOM. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS. NOTE: MATCH EXISTING CEILING HEIGHTS.
- 6 REPLACE EXISTING BOTTLE FILLER UNIT WITH DOUBLE WATER FOUNTAIN WITH BOTTLE FILLER - ADA COMPLIANT.
- 7 ADD COAT HOOK

A5 KEY NOTES

WALL TO BE REMOVED
DESIGNATES EXISTING WALL OR FIRE BARRIER TO REMAIN.
DESIGNATES NEW WALL

EXISTING DOOR TO REMAIN
EXISTING DOOR TO BE REMOVED
NEW, RELOCATED, OR EXISTING DOOR TO BE MODIFIED

MAXIMUM DIMENSION ALLOWED (MAY BE LESS) 3'-1" MAX
MINIMUM DIMENSION ALLOWED (MAY BE MORE) 3'-1" MIN
EXACT DIMENSION BETWEEN FINAL FINISHED SURFACES 3'-1" CLR
TARGET DIMENSION WHICH MAY NOT BE ACHIEVED IN FIELD - BE AWARE 3'-1" VERIFY
ALIGN THESE FINISHED SURFACES

EXISTING 2X4 LIGHTS TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.
EXISTING 2X4 LIGHTS TO REMAIN.
NEW 2X4 LIGHTS. SEE ELEC. DWGS FOR DETAILS.

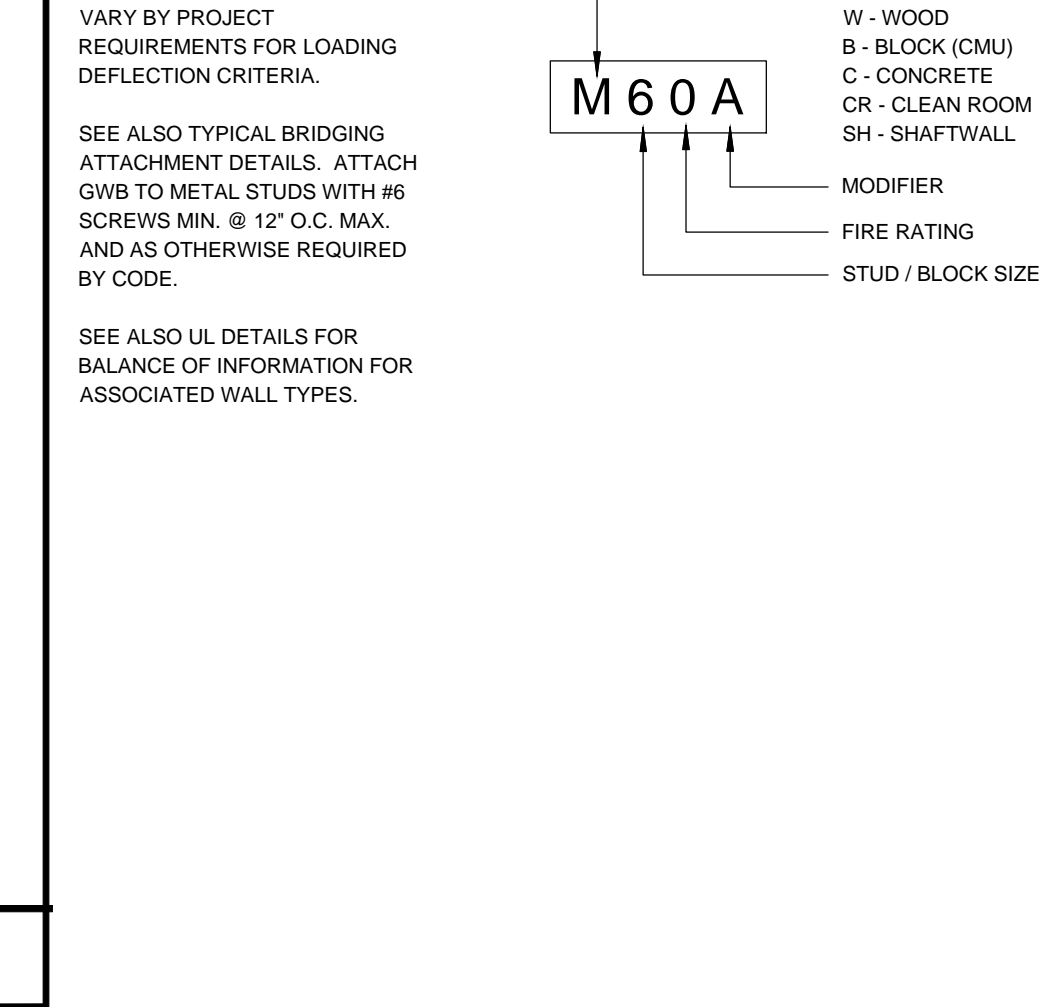
EXISTING CLG. GRID TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.
EXISTING CLG. GRID TO REMAIN.
NEW CLG. GRID TO MATCH EXISTING. SEE ELEC. DWGS FOR DETAILS.

EXISTING HVAC DIFFUSERS TO BE DEMO/RELOCATED. SEE MECH. DWGS FOR DETAILS.
EXISTING HVAC DIFFUSERS TO REMAIN.
NEW HVAC DIFFUSERS TO MATCH EXISTING. SEE MECH. DWGS FOR DETAILS.

- EXISTING SPRINKLER TO BE RELOCATED.
- EXISTING SPRINKLER TO REMAIN.
- RELOCATED SPRINKLER

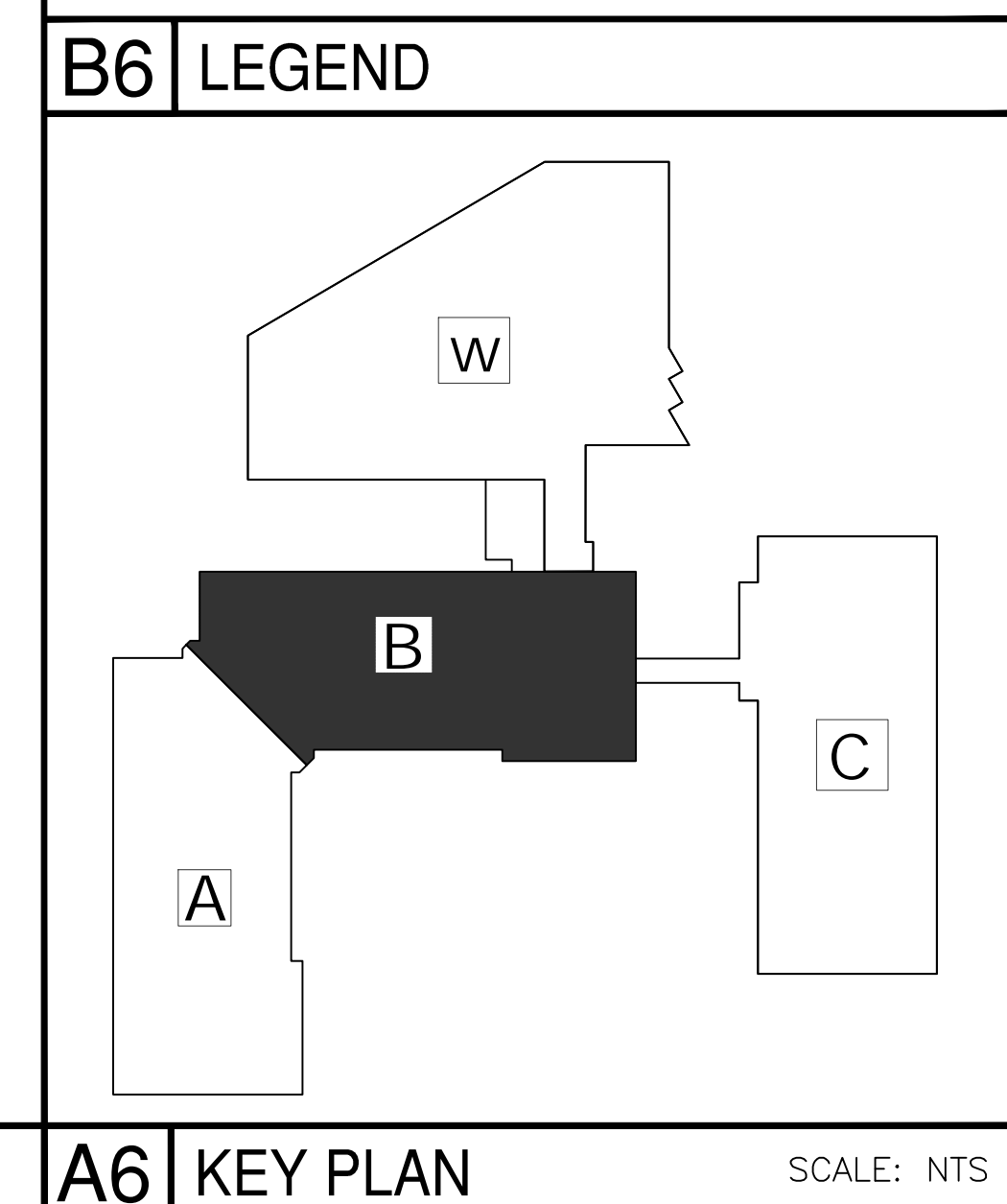
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SH- SHAFTHWALL
MODIFIER
FIRE RATING
STUD / BLOCK SIZE



B6 LEGEND

1ST FLOOR BLDG B DEMO & NEW WORK PLANS & CEILING PLANS
JOB CODE: NCAOCTR
DRAWING NUMBER



A6 KEY PLAN SCALE: NTS

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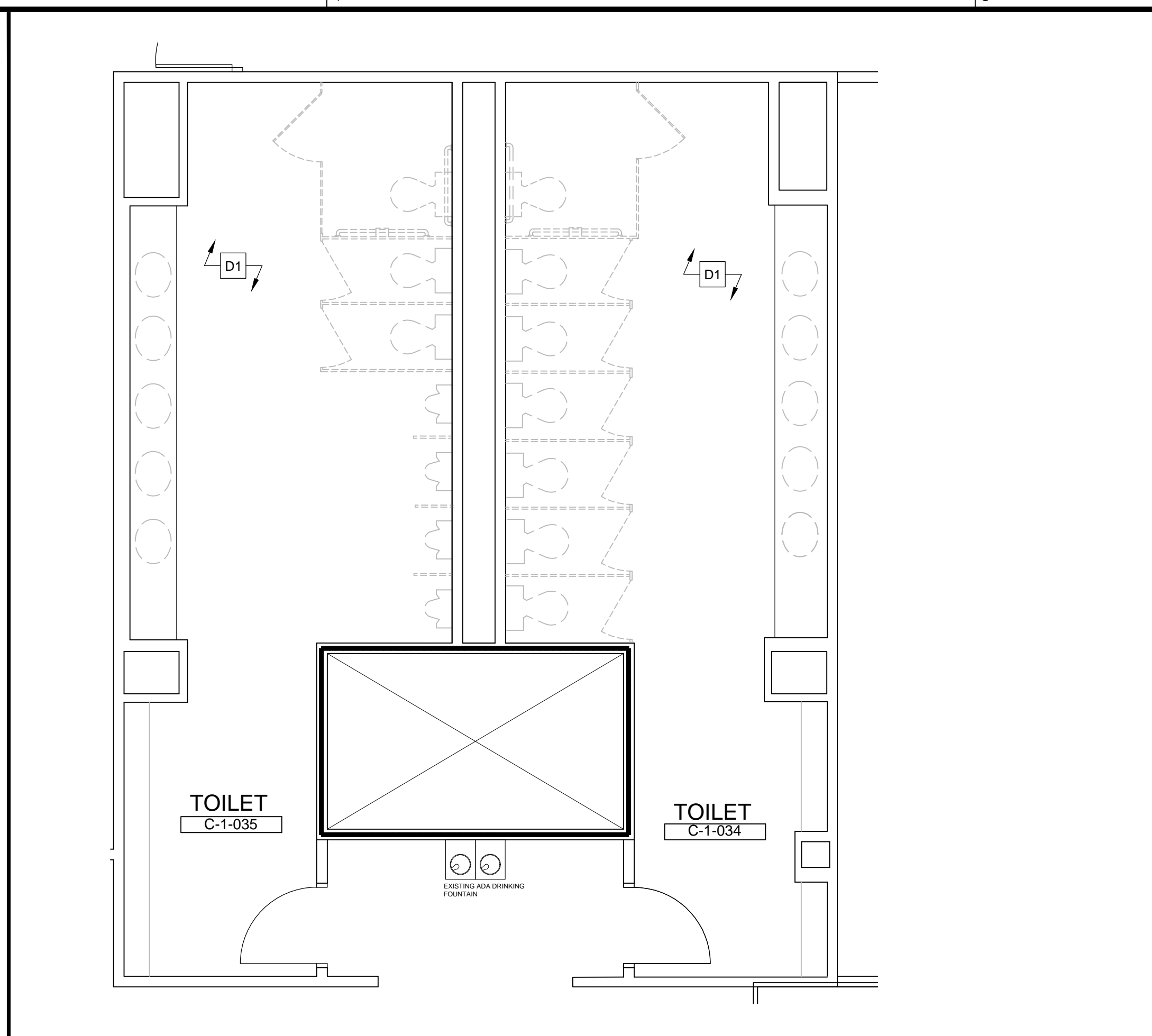
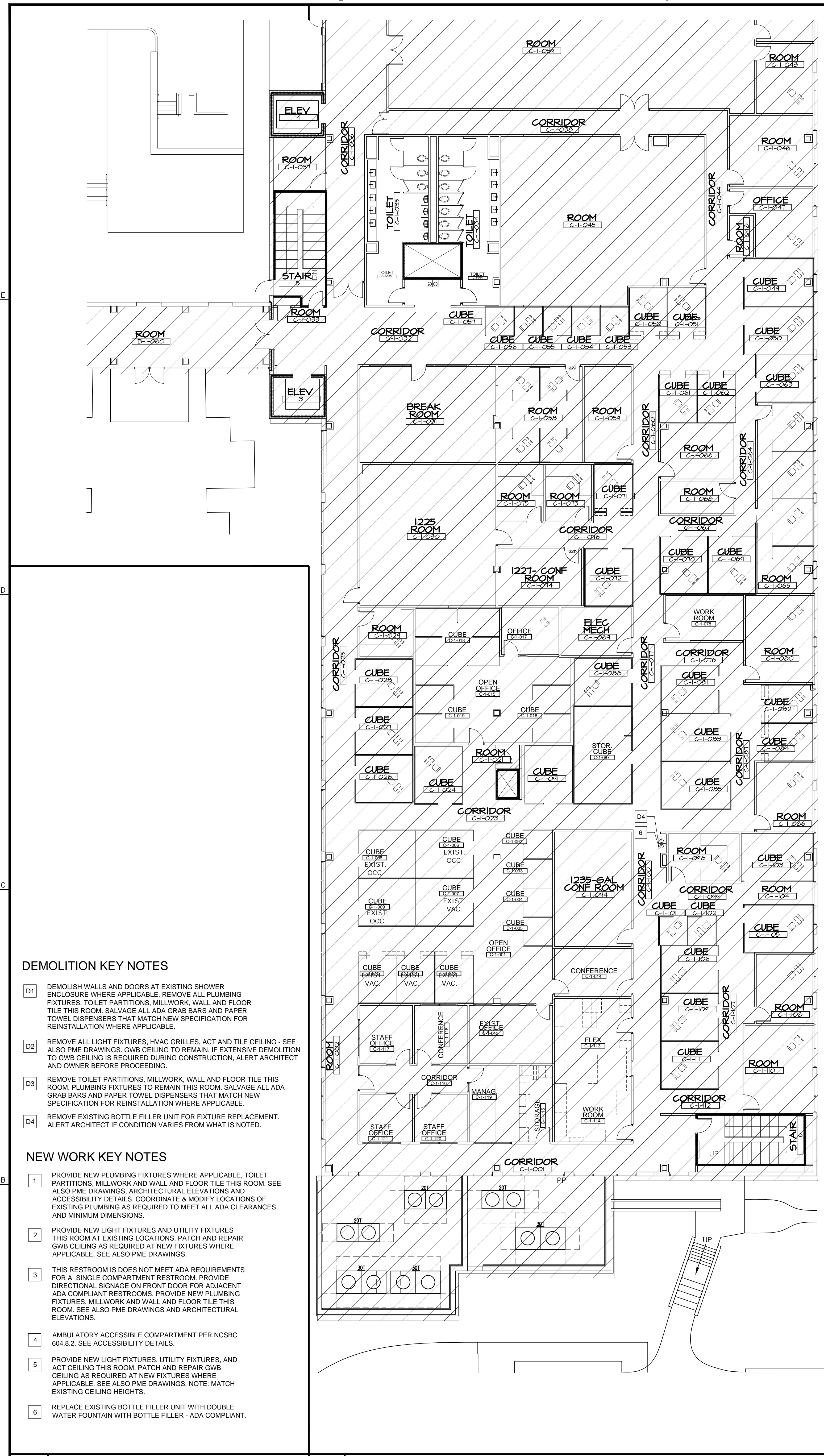
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**NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NORTH CAROLINA

DWG BY: KHB
CHK BY: ADH

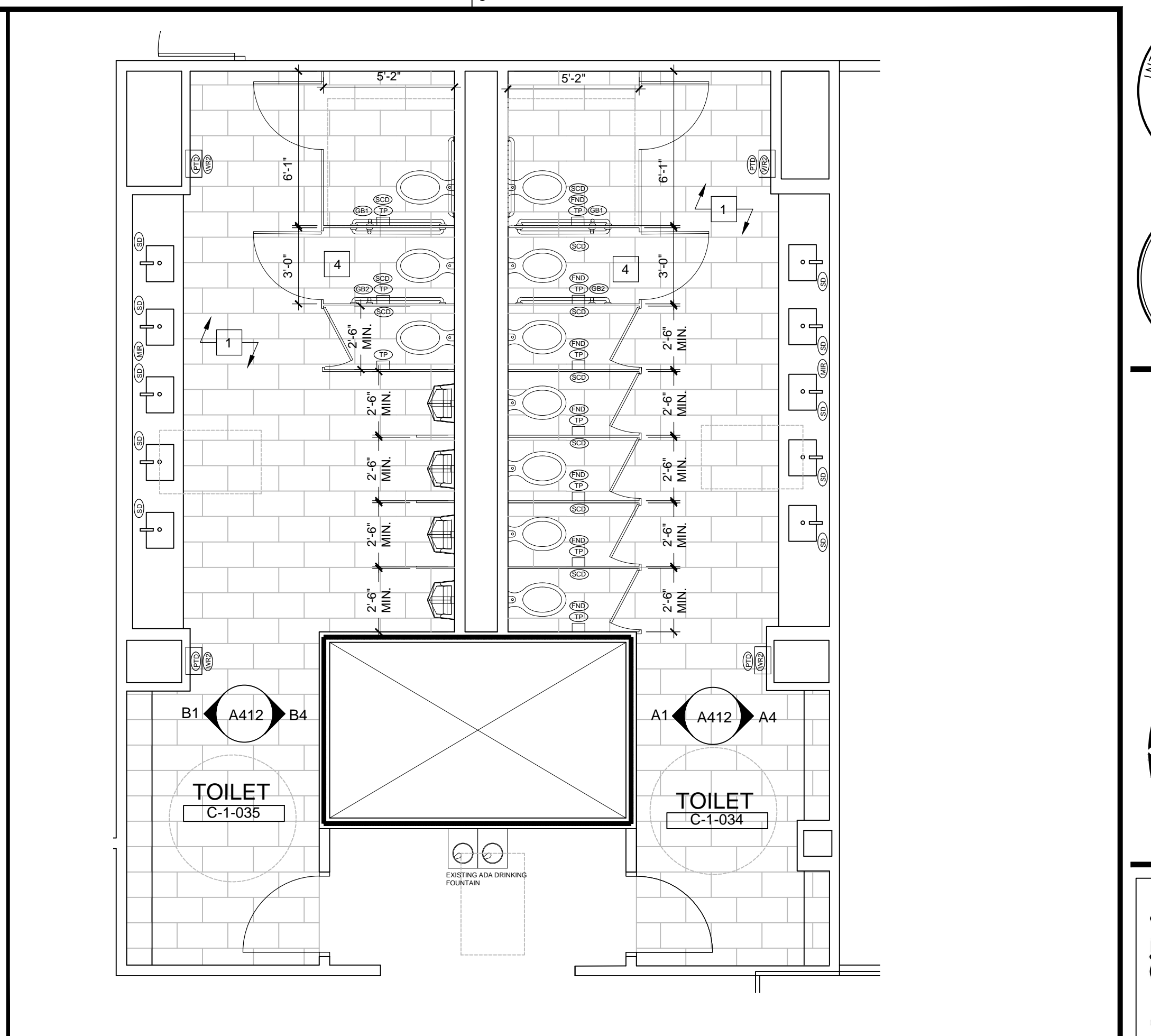
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1ST FLOOR BLDG B DEMO & NEW WORK PLANS & CEILING PLANS
JOB CODE: NCAOCTR
DRAWING NUMBER
A102



D3 TOILET ROOMS C-1-035 AND C-1-034 DEMOLITION PLAN SCALE: 1/4" = 1'-0"



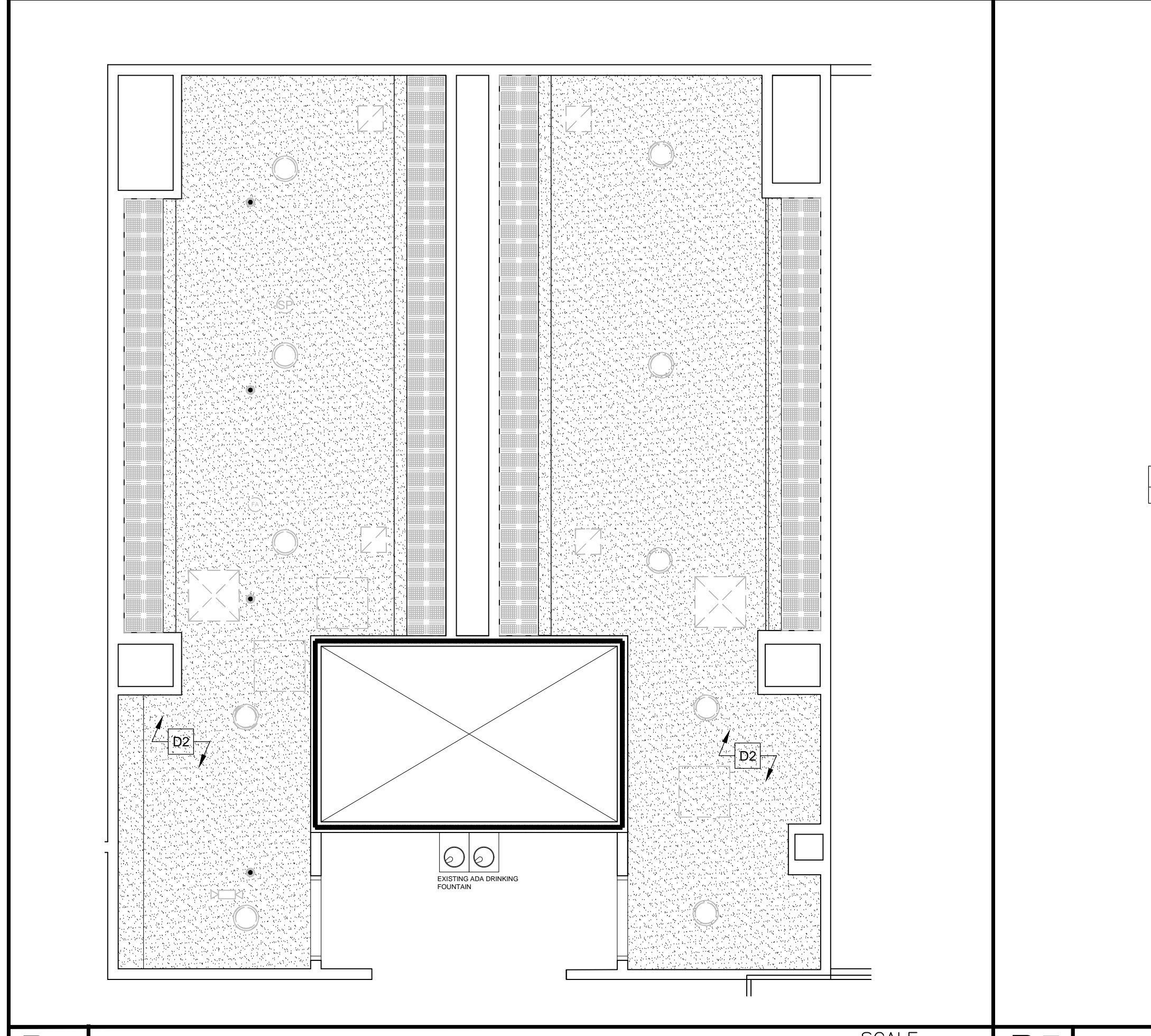
D5 TOILET ROOMS C-1-035 AND C-1-034 FLOOR PLAN SCALE: 1/4" = 1'-0"

DEMOLITION KEY NOTES

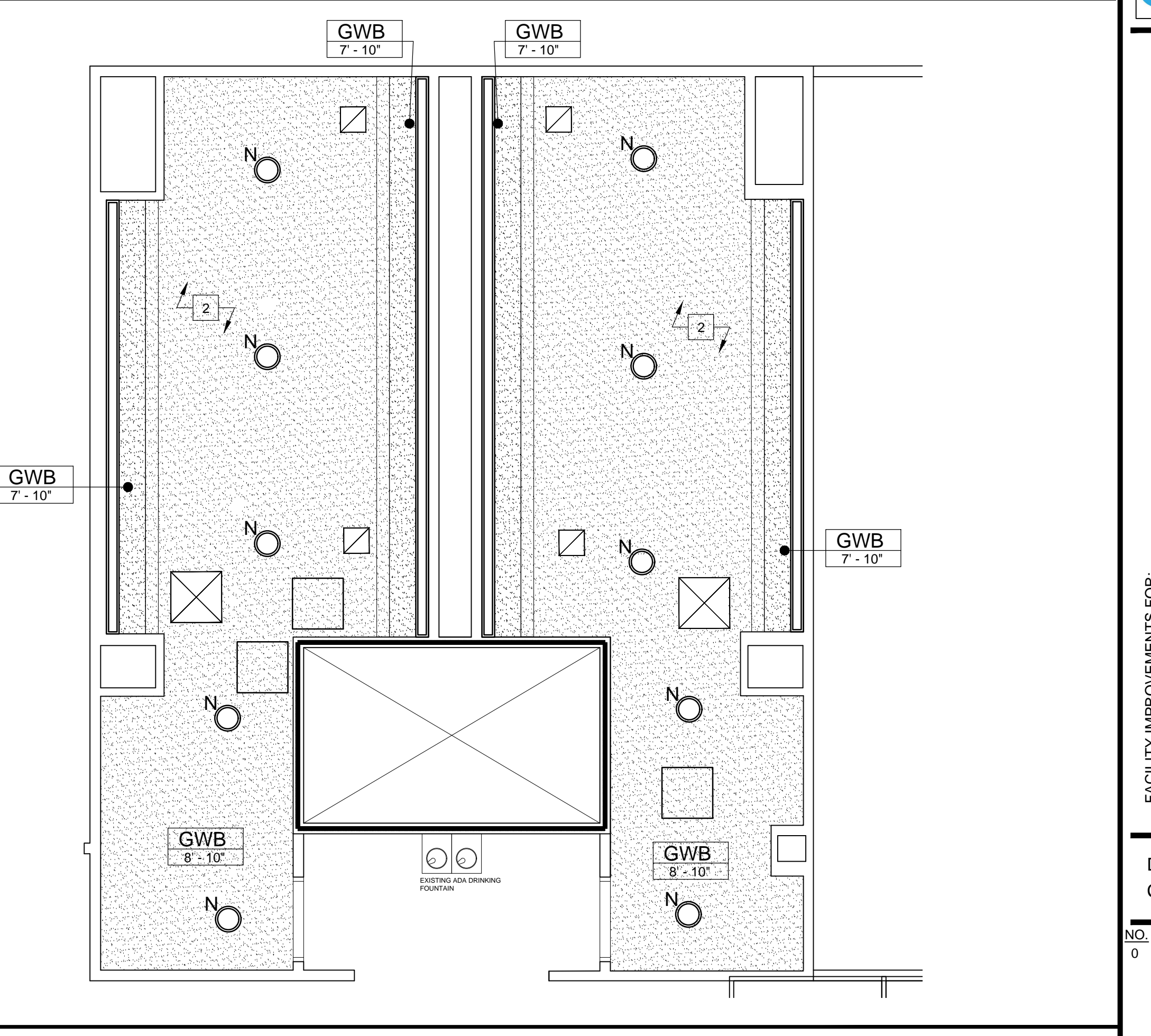
- D1 DEMOLISH WALLS AND DOORS AT EXISTING SHOWER ENCLOSURE WHERE APPLICABLE. REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.
- D2 REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING - SEE ALSO PME DRAWINGS. GWB CEILING TO REMAIN. IF EXTENSIVE DEMOLITION TO GWB CEILING IS REQUIRED DURING CONSTRUCTION, ALERT ARCHITECT AND OWNER BEFORE PROCEEDING.
- D3 REMOVE TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. PLUMBING FIXTURES TO REMAIN THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.
- D4 REMOVE EXISTING BOTTLE FILLER UNIT FOR FIXTURE REPLACEMENT. ALERT ARCHITECT IF CONDITION VARIES FROM WHAT IS NOTED.

NEW WORK KEY NOTES

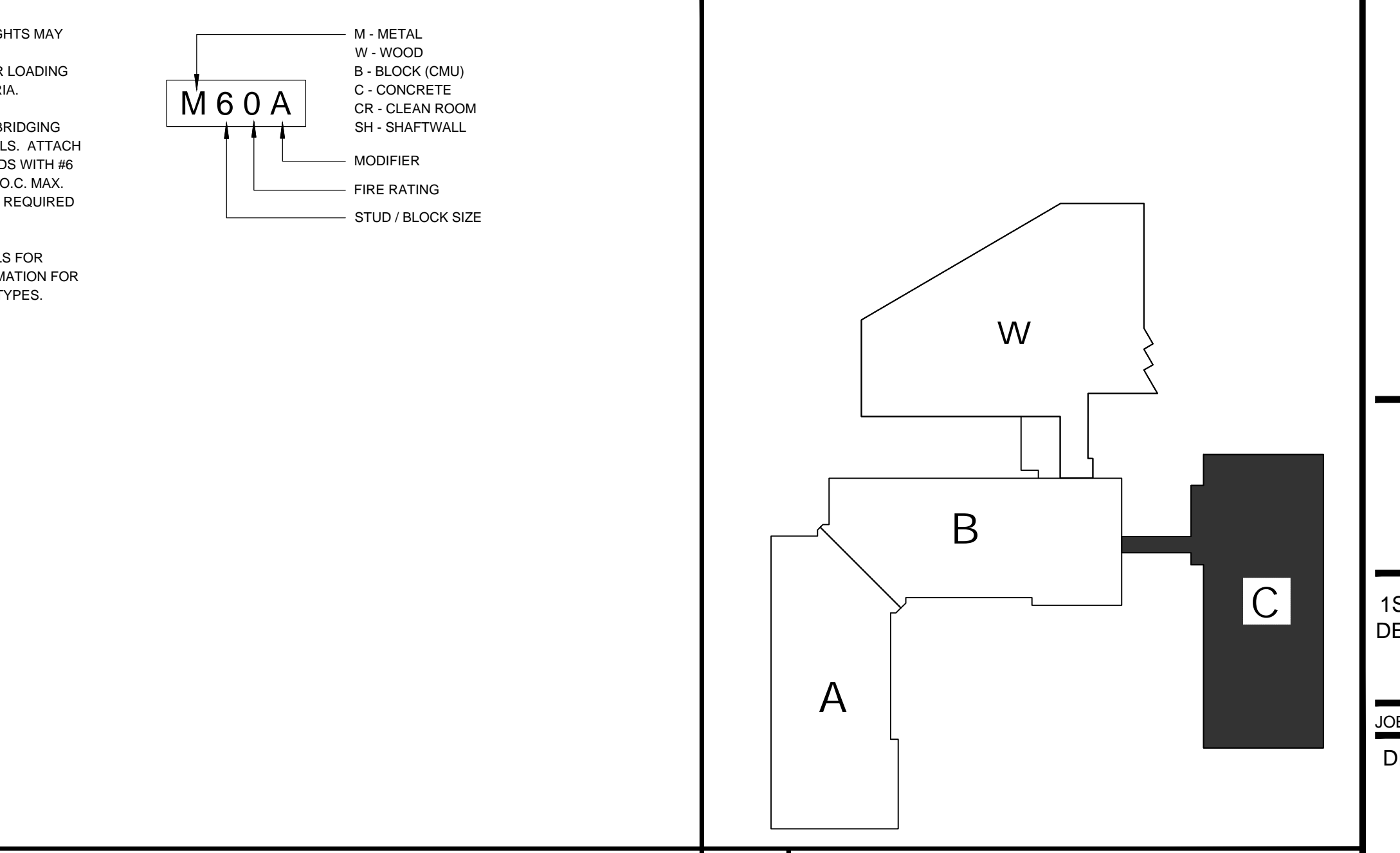
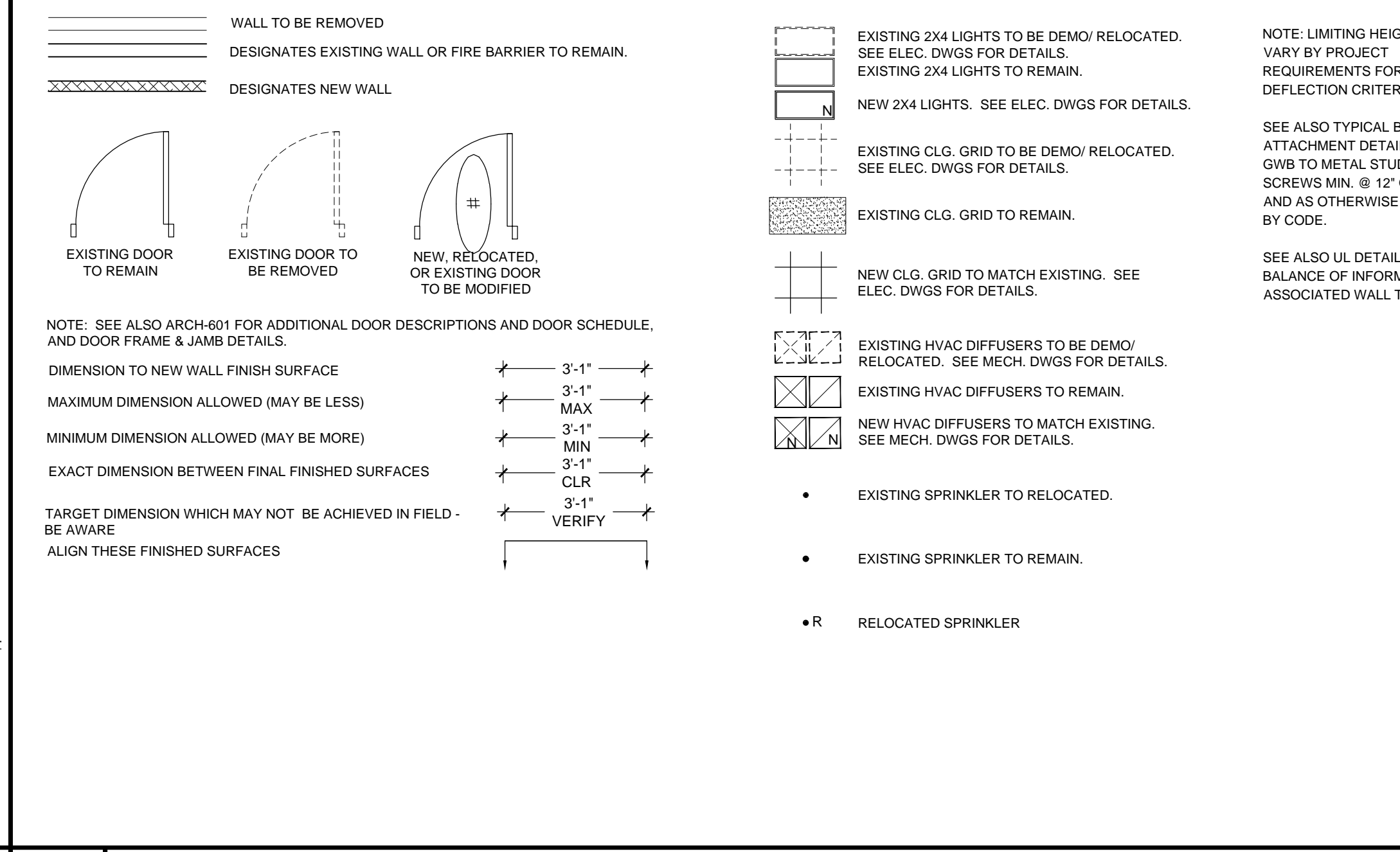
- 1 PROVIDE NEW PLUMBING FIXTURES WHERE APPLICABLE. TOILET PARTITIONS, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS, ARCHITECTURAL ELEVATIONS AND ACCESSIBILITY DETAILS. COORDINATE & MODIFY LOCATIONS OF EXISTING PLUMBING AS REQUIRED TO MEET ALL ADA CLEARANCES AND MINIMUM DIMENSIONS.
- 2 PROVIDE NEW LIGHT FIXTURES AND UTILITY FIXTURES THIS ROOM AT EXISTING LOCATIONS. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS.
- 3 THIS RESTROOM IS DOES NOT MEET ADA REQUIREMENTS FOR A SINGLE COMPARTMENT RESTROOM. PROVIDE DIRECTIONAL SIGNAGE ON FRONT DOOR FOR ADJACENT ADA COMPLIANT RESTROOMS. PROVIDE NEW PLUMBING FIXTURES, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS AND ARCHITECTURAL ELEVATIONS.
- 4 AMBULATORY ACCESSIBLE COMPARTMENT PER NCSBC 604.8.2. SEE ACCESSIBILITY DETAILS.
- 5 PROVIDE NEW LIGHT FIXTURES, UTILITY FIXTURES, AND ACT CEILING THIS ROOM. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS. NOTE: MATCH EXISTING CEILING HEIGHTS.
- 6 REPLACE EXISTING BOTTLE FILLER UNIT WITH DOUBLE WATER FOUNTAIN WITH BOTTLE FILLER - ADA COMPLIANT.



B3 TOILET ROOMS C-1-035 AND C-1-034 DEMO RCP SCALE: 1/4" = 1'-0"



B5 TOILET ROOMS C-1-035 AND C-1-034 REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0"



A1 KEY NOTES

A2 FIRST FLOOR - BUILDING C - FLOOR PLAN SCALE: 3/32" = 1'-0"

A3 LEGEND

A6 KEY PLAN SCALE: NTS

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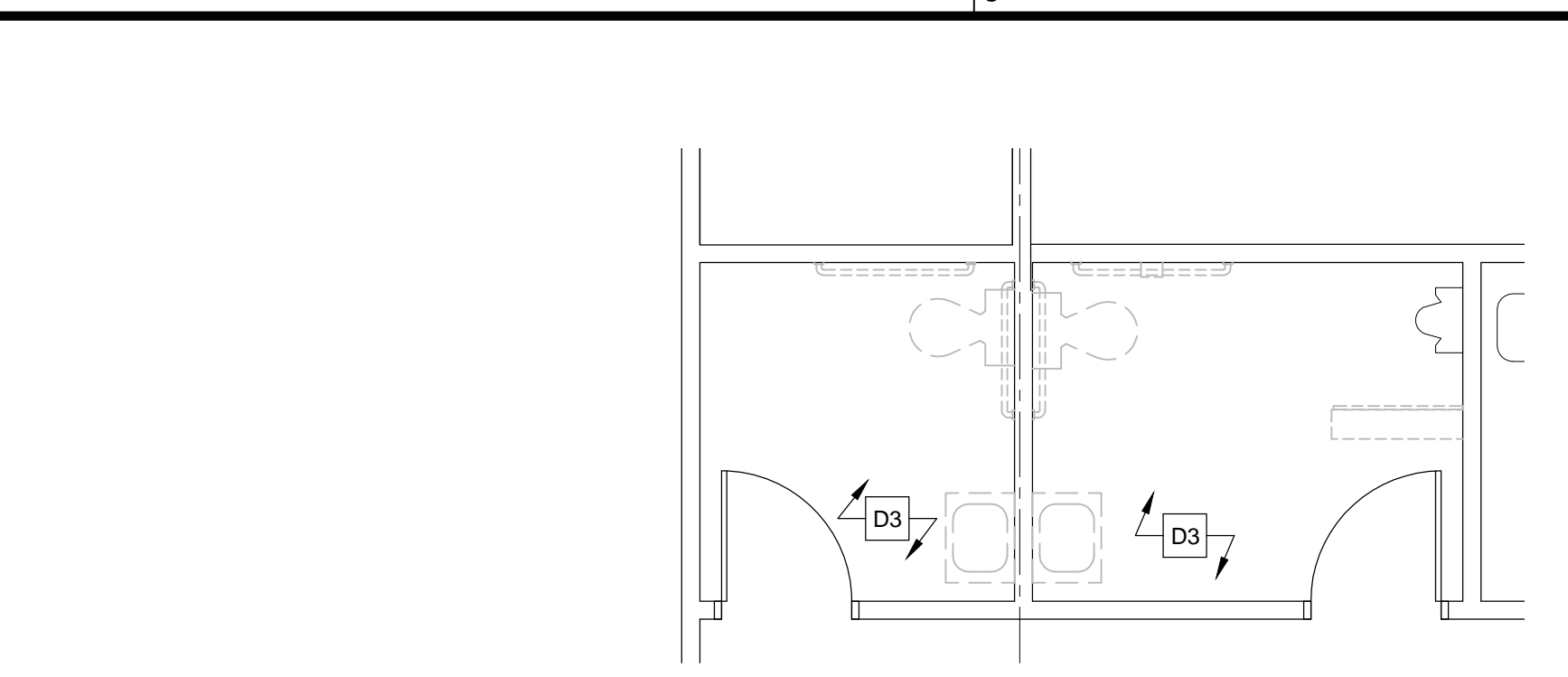
Dwg scaled for 42x30 plots

1ST FLOOR BLDG C
DEMO & NEW WORK
PLANS &
CEILING PLANS
JOB CODE: NCAOCTR
DRAWING NUMBER
A103



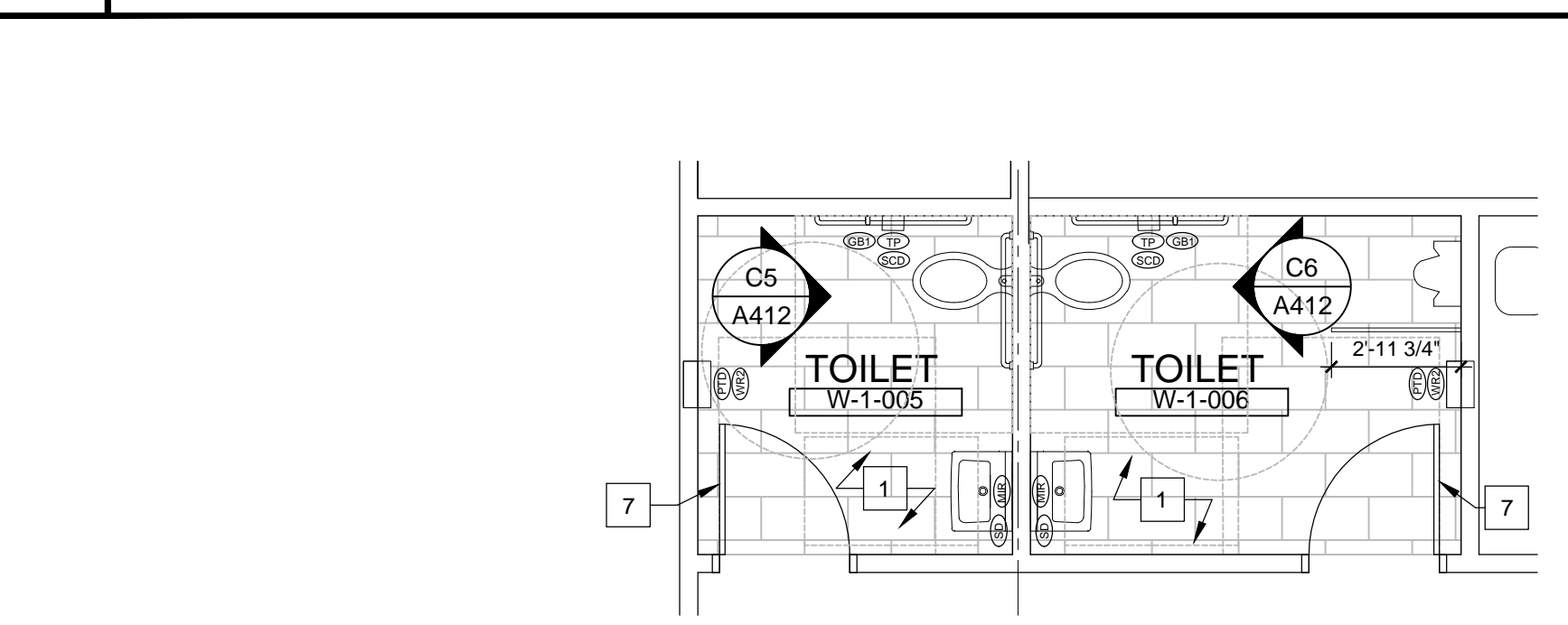
A1 FIRST FLOOR - WAREHOUSE - FLOOR PLAN

SCALE: 3/32" = 1'-0"



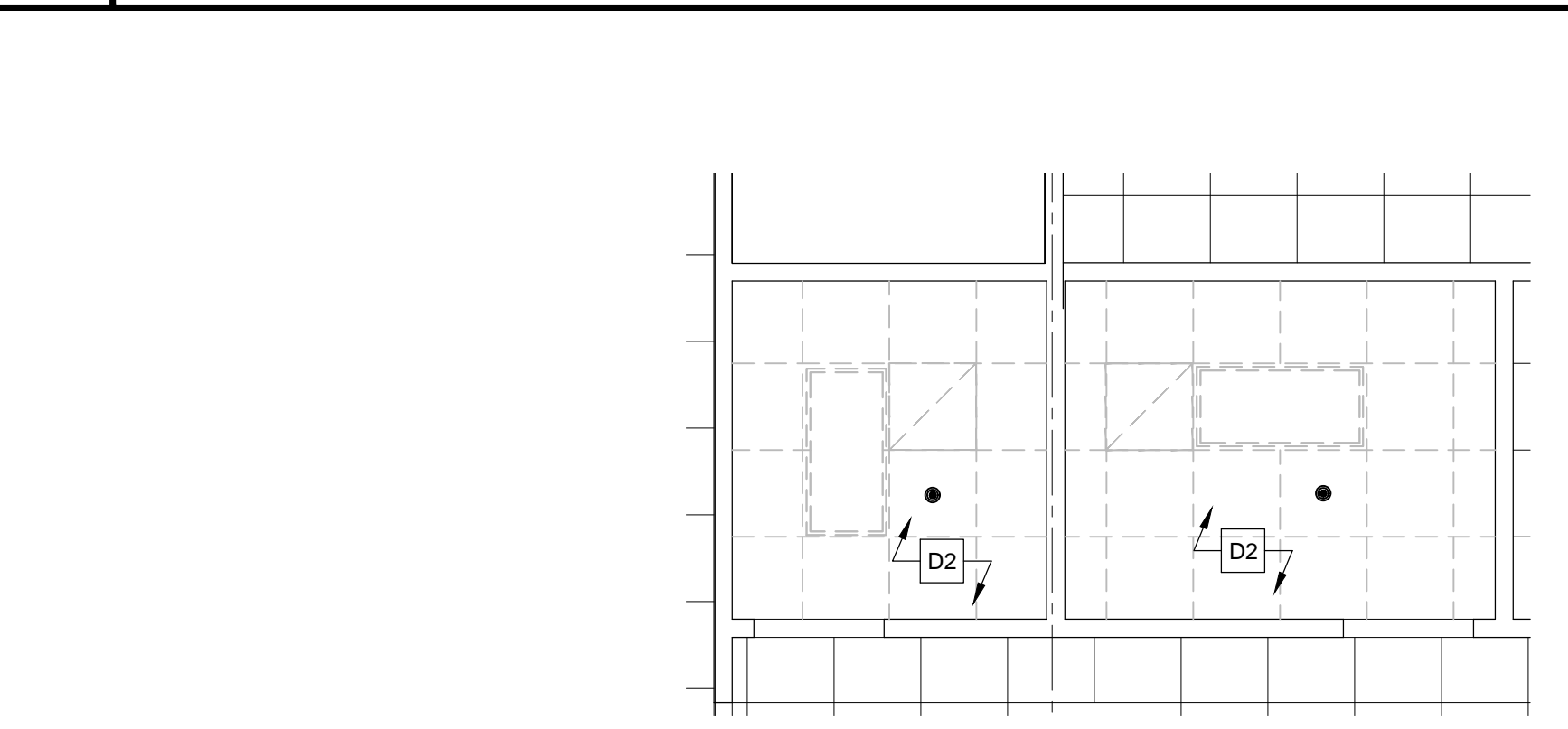
E4 TOILET ROOM W-1-005 AND W-1-006 DEMOLITION PLAN

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



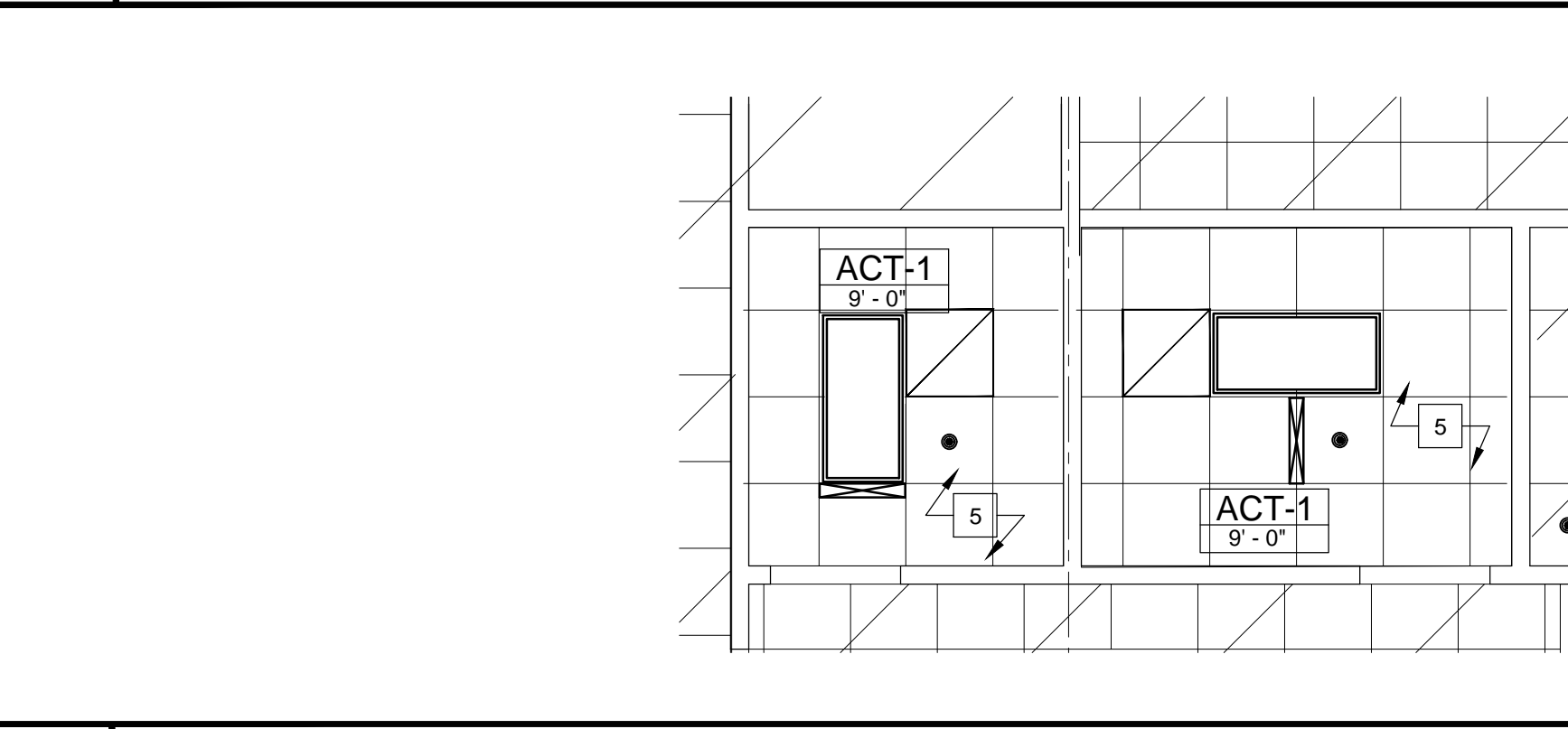
D4 TOILET ROOM W-1-005 AND W-1-006 FLOOR PLAN

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



C4 TOILET ROOM W-1-005 AND W-1-006 DEMOLITION RCP

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



B4 TOILET ROOM W-1-005 AND W-1-006 REFLECTED CEILING PLAN

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

DEMOLITION KEY NOTES

D1 DEMOLISH WALLS AND DOORS AT EXISTING SHOWER ENCLOSURE WHERE APPLICABLE. REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.

D2 REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING - SEE ALSO PME DRAWINGS. GWB CEILING TO REMAIN. IF EXTENSIVE DEMOLITION TO GWB CEILING IS REQUIRED DURING CONSTRUCTION, ALERT ARCHITECT AND OWNER BEFORE PROCEEDING.

D3 REMOVE TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. PLUMBING FIXTURES TO REMAIN THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.

D4 REMOVE EXISTING BOTTLE FILLER UNIT FOR FIXTURE REPLACEMENT. ALERT ARCHITECT IF CONDITION VARIES FROM WHAT IS NOTED.

NEW WORK KEY NOTES

1 PROVIDE NEW PLUMBING FIXTURES WHERE APPLICABLE. TOILET PARTITIONS, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS, ARCHITECTURAL ELEVATIONS AND ACCESSIBILITY DETAILS. COORDINATE & MODIFY LOCATIONS OF EXISTING PLUMBING AS REQUIRED TO MEET ALL ADA CLEARANCES AND MINIMUM DIMENSIONS.

2 PROVIDE NEW LIGHT FIXTURES AND UTILITY FIXTURES THIS ROOM AT EXISTING LOCATIONS. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS.

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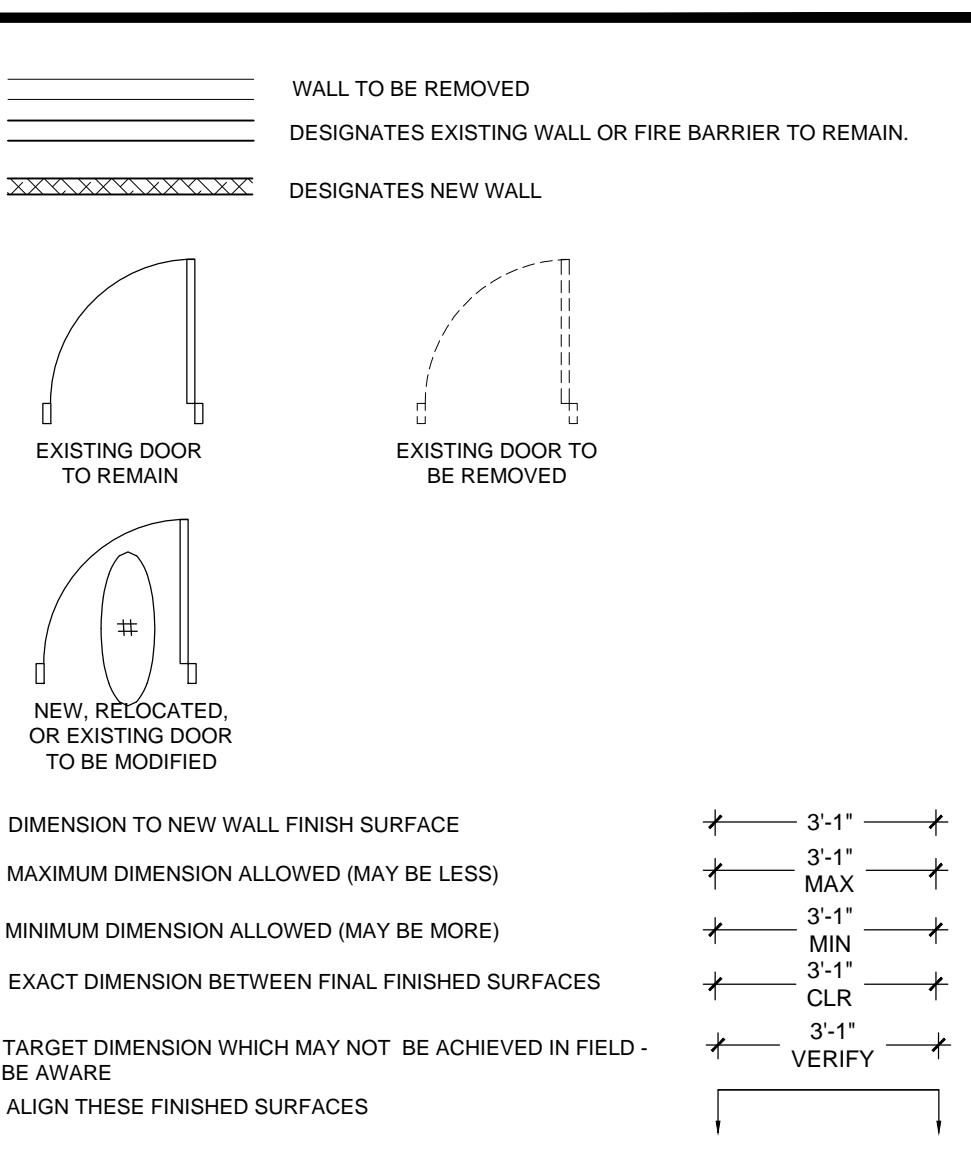
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5 PROVIDE NEW LIGHT FIXTURES, UTILITY FIXTURES, AND ACT CEILING THIS ROOM. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS. NOTE: MATCH EXISTING CEILING HEIGHTS.

6 REPLACE EXISTING BOTTLE FILLER UNIT WITH DOUBLE WATER FOUNTAIN WITH BOTTLE FILLER - ADA COMPLIANT.

7 ADD COAT HOOK

A4 KEY NOTES



WALL TO BE REMOVED
DESIGNATES EXISTING WALL OR FIRE BARRIER TO REMAIN.
DESIGNATES NEW WALL

EXISTING DOOR TO REMAIN
EXISTING DOOR TO BE REMOVED

NEW, RELOCATED, OR EXISTING DOOR TO BE MODIFIED

DIMENSION TO NEW WALL FINISH SURFACE
MAXIMUM DIMENSION ALLOWED (MAY BE LESS)
MINIMUM DIMENSION ALLOWED (MAY BE MORE)
EXACT DIMENSION BETWEEN FINAL FINISHED SURFACES

TARGET DIMENSION WHICH MAY NOT BE ACHIEVED IN FIELD - BE AWARE ALIGN THESE FINISHED SURFACES

EXISTING 2X4 LIGHTS TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.
EXISTING 2X4 LIGHTS TO REMAIN.
NEW 2X4 LIGHTS. SEE ELEC. DWGS FOR DETAILS.

EXISTING CLG. GRID TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.
EXISTING CLG. GRID TO REMAIN.
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EXISTING HVAC DIFFUSERS TO BE DEMO/RELOCATED. SEE MECH. DWGS FOR DETAILS.
EXISTING HVAC DIFFUSERS TO REMAIN.
NEW HVAC DIFFUSERS TO MATCH EXISTING. SEE MECH. DWGS FOR DETAILS.

EXISTING SPRINKLER TO BE RELOCATED.
EXISTING SPRINKLER TO REMAIN.
RELOCATED SPRINKLER

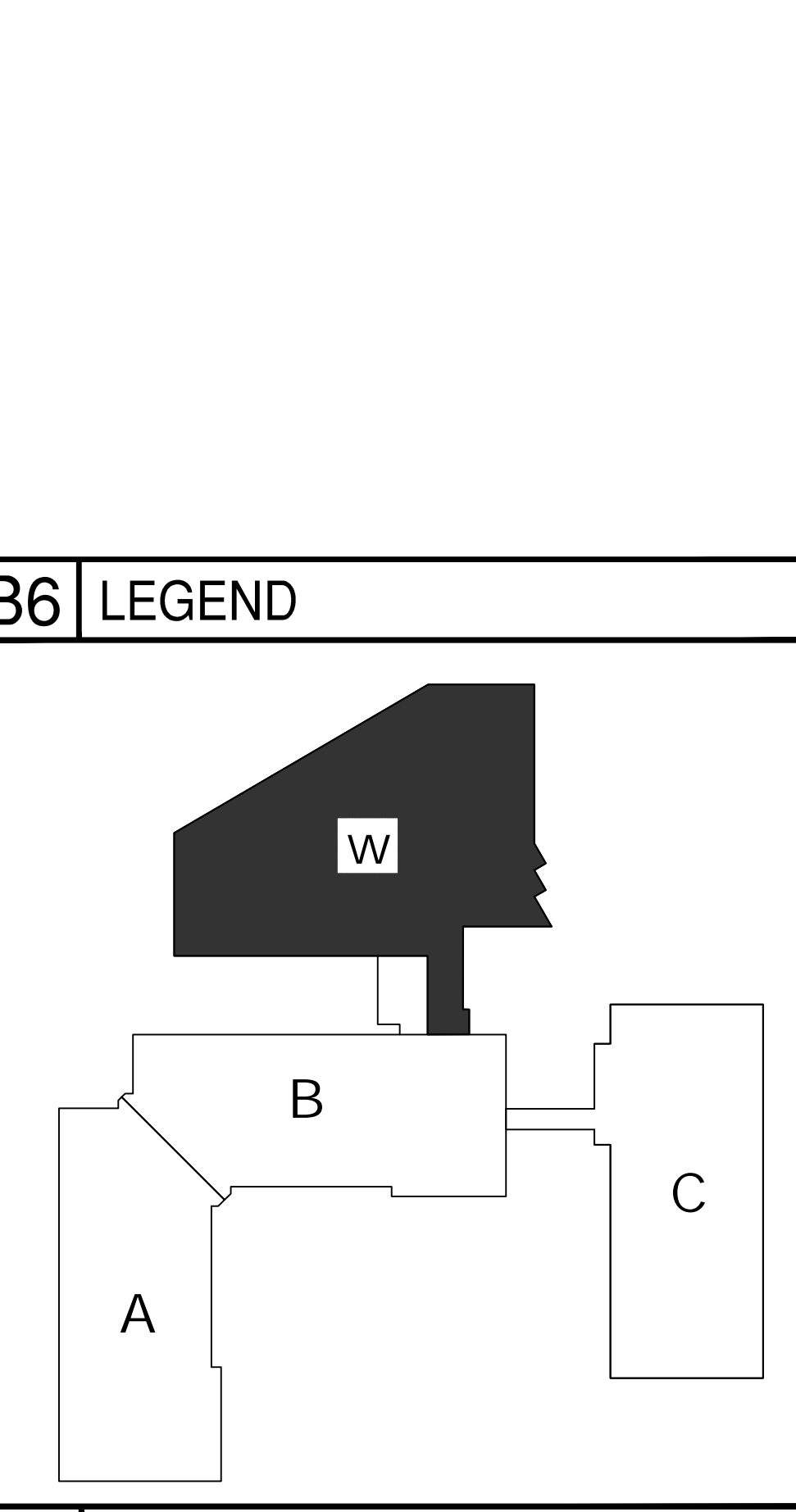
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SEE ALSO UL DETAILS FOR BALANCE OF INFORMATION FOR ASSOCIATED WALL TYPES.

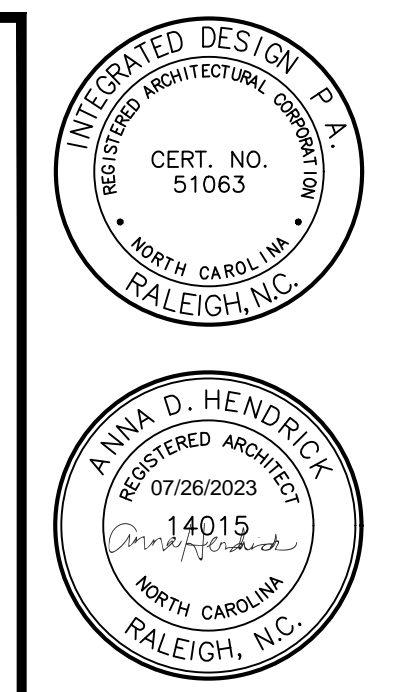
M- METAL
W- WOOD
B- BLOCK (CMU)
C- CONCRETE
CR- CLEAN ROOM
SH- SHEETWALL
MODIFIER
FIRE RATING
STUD / BLOCK SIZE



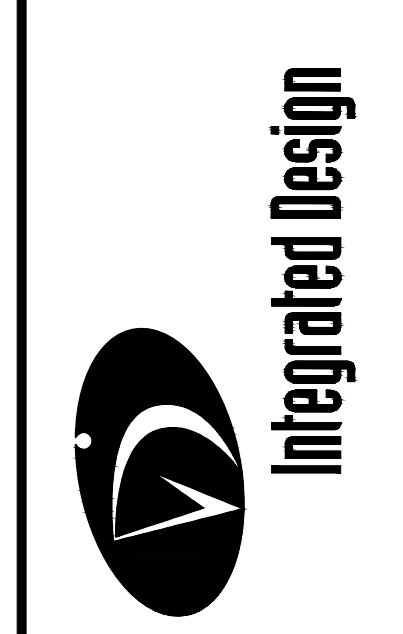
B6 LEGEND



A6 KEY PLAN



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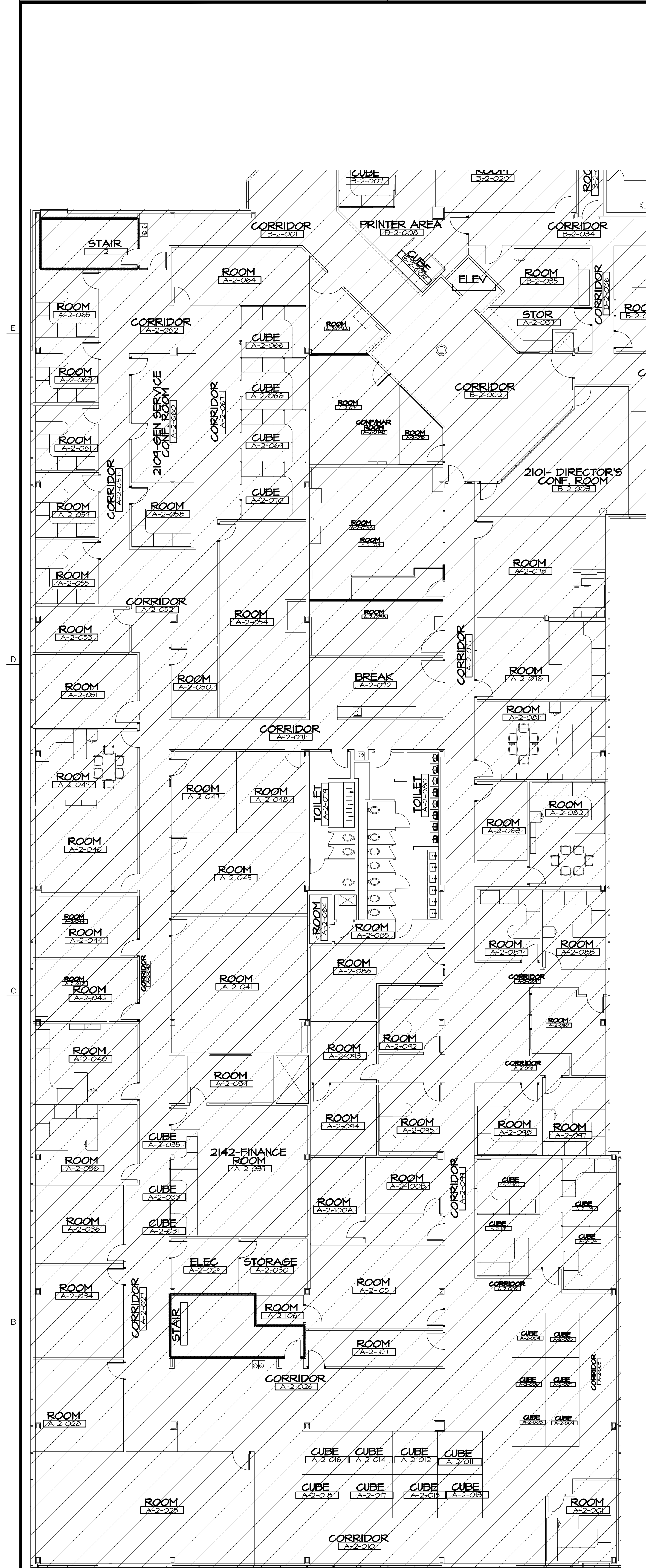
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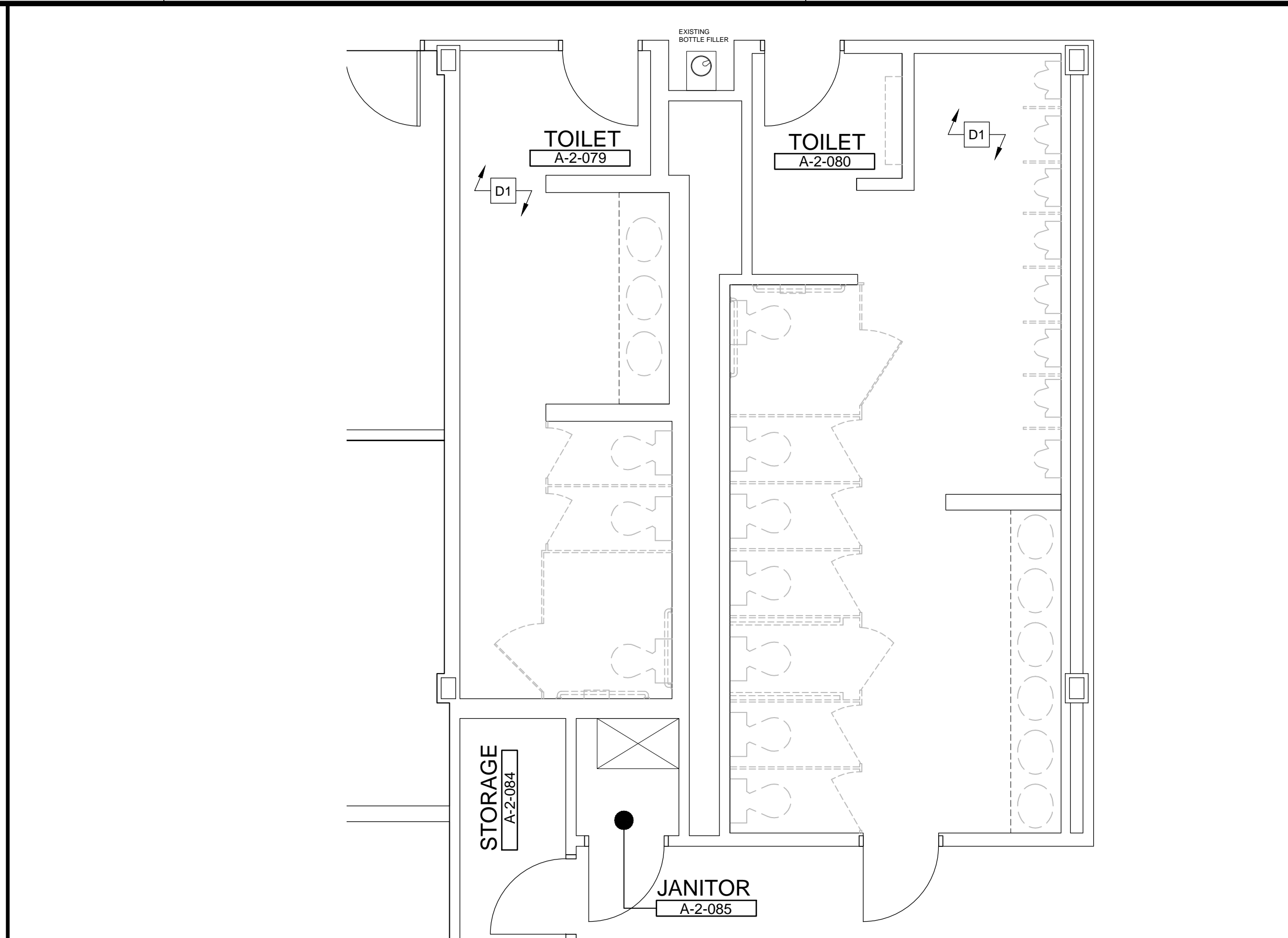
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Dwg scaled for 42x30 plots
1ST FLR WAREHOUSE DEMO & NEW WORK PLANS & CEILING PLANS
JOB CODE: NCAOCTR
DRAWING NUMBER
A104



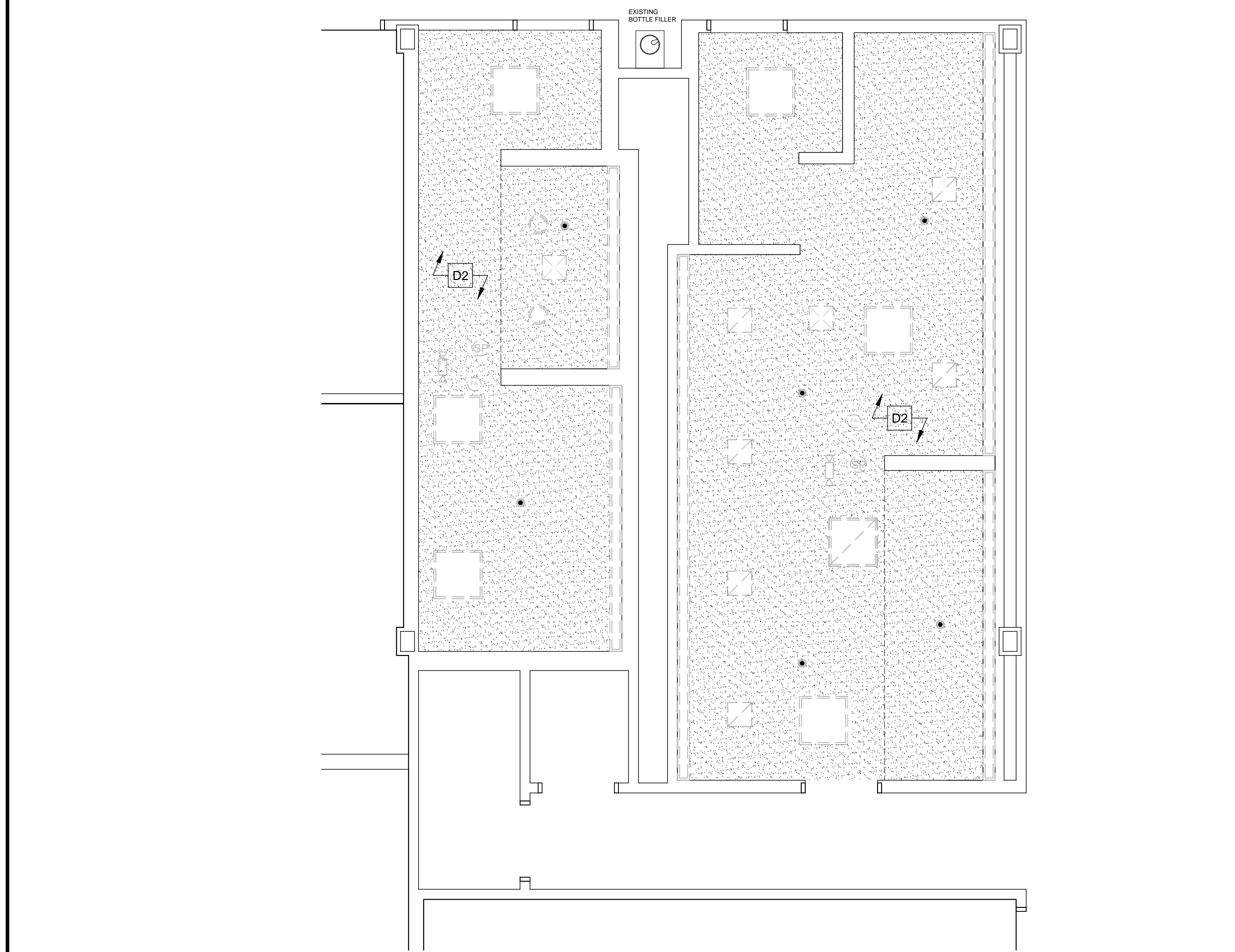
A1 SECOND FLOOR - BUILDING A - FLOOR PLAN

SCALE: 3/32" = 1'-0"



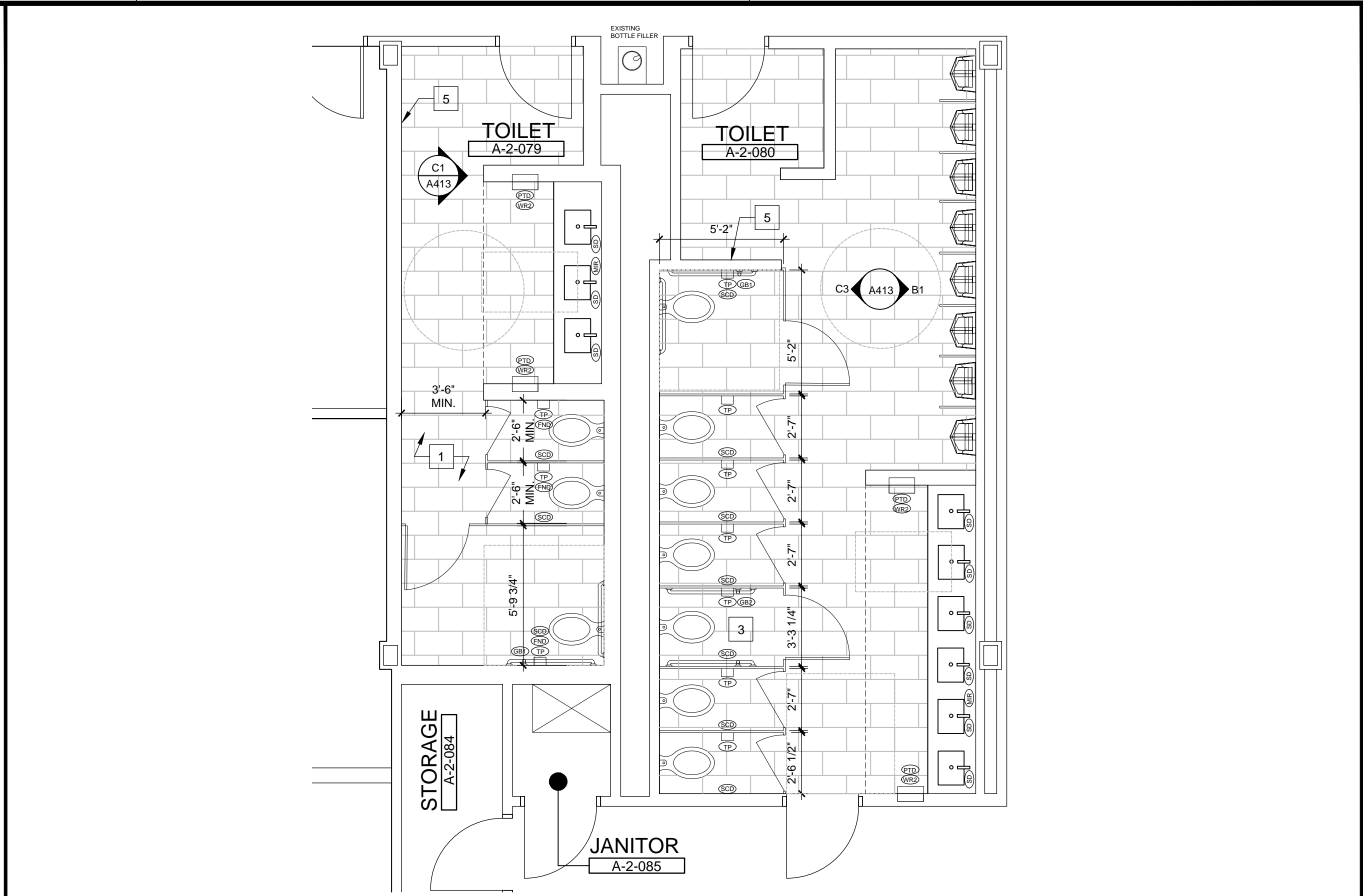
D3 TOILET ROOMS A-2-079 AND A-2-080 DEMO FLOOR PLAN

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



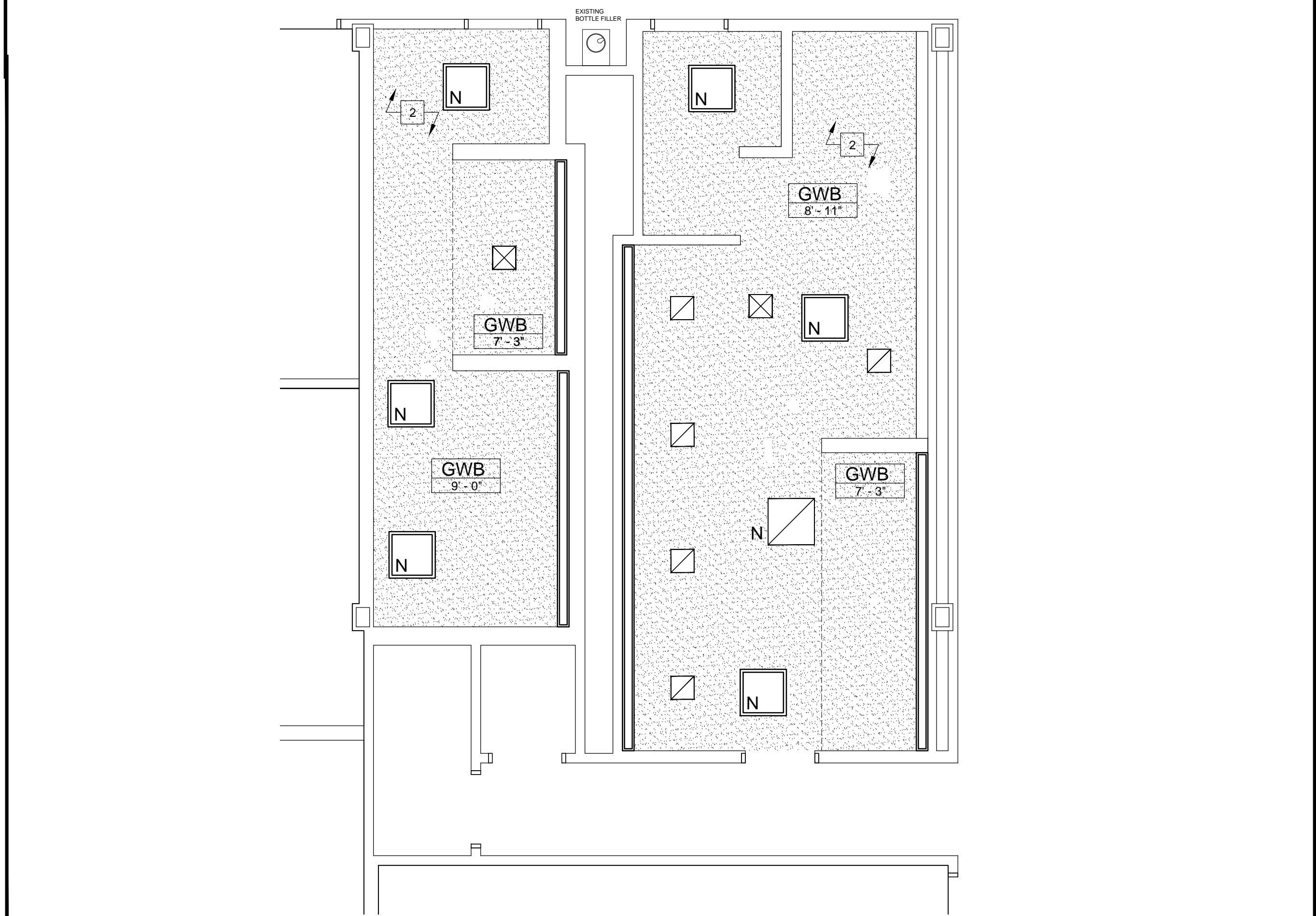
D3 TOILET ROOMS A-2-079 AND A-2-080 FLOOR PLAN

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



D3 TOILET ROOMS A-2-079 AND A-2-080 FLOOR PLAN

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



D3 TOILET ROOMS A-2-079 AND A-2-080 REFLECTED CEILING PLAN

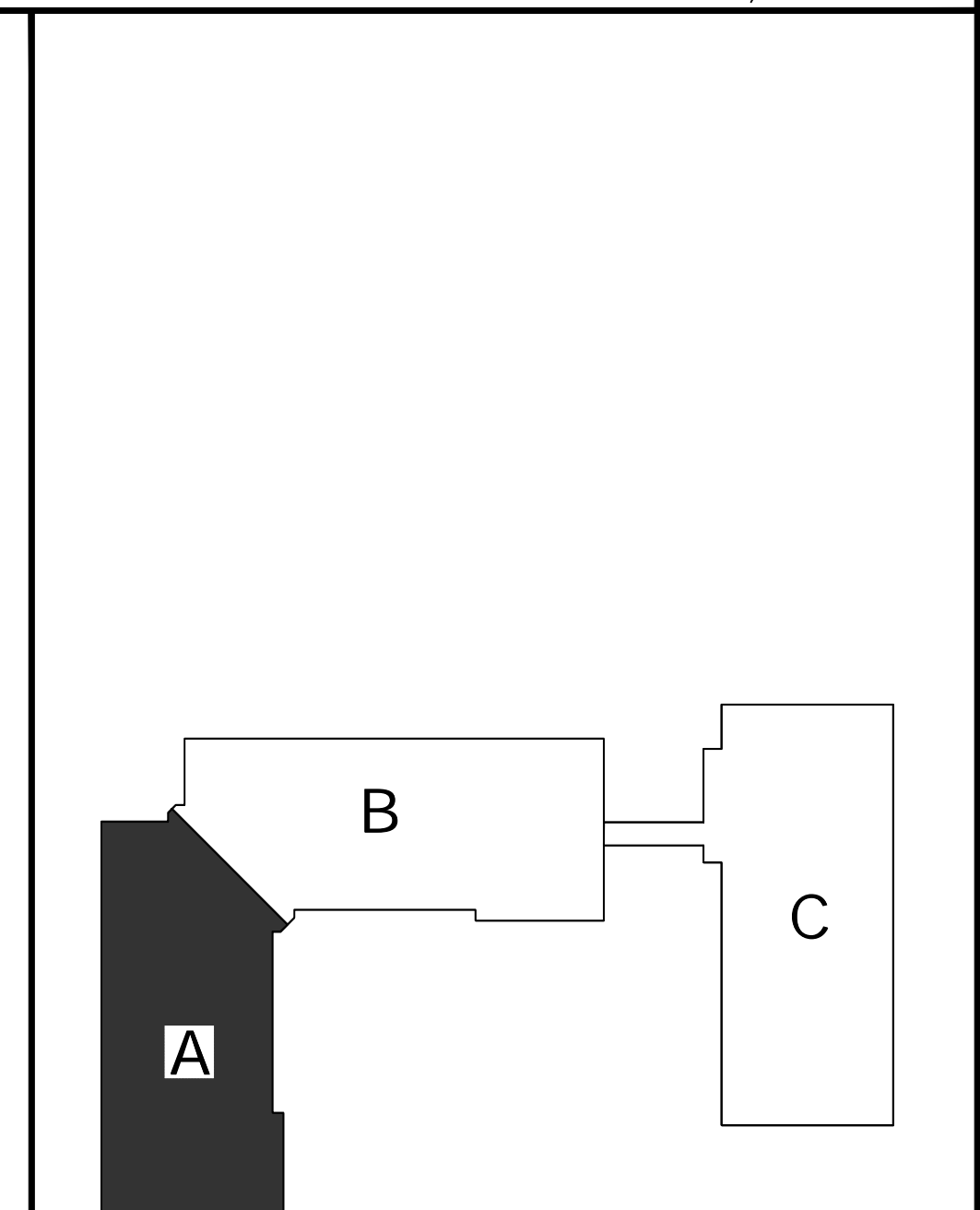
SCALE: 1/4" = 1'-0"

| | | |
|--|--|--|
| <p>WALL TO BE REMOVED</p> <p>DESIGNATES EXISTING WALL OR FIRE BARRIER TO REMAIN.</p> <p>DESIGNATES NEW WALL</p> <p>EXISTING DOOR TO REMAIN</p> <p>EXISTING DOOR TO BE REMOVED</p> <p>NEW, RELOCATED, OR EXISTING DOOR TO BE MODIFIED</p> <p>NOTE: SEE ALSO ARCH 601 FOR ADDITIONAL DOOR DESCRIPTIONS AND DOOR SCHEDULE, AND DOOR FRAME & JAMB DETAILS.</p> <p>DIMENSION TO NEW WALL FINISH SURFACE</p> <p>MAXIMUM DIMENSION ALLOWED (MAY BE LESS)</p> <p>MINIMUM DIMENSION ALLOWED (MAY BE MORE)</p> <p>EXACT DIMENSION BETWEEN FINAL FINISHED SURFACES</p> <p>TARGET DIMENSION WHICH MAY NOT BE ACHIEVED IN FIELD - BE AWARE</p> <p>ALIGN THESE FINISHED SURFACES</p> | <p>EXISTING 2X4 LIGHTS TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.</p> <p>EXISTING 2X4 LIGHTS TO REMAIN.</p> <p>NEW 2X4 LIGHTS. SEE ELEC. DWGS FOR DETAILS.</p> <p>EXISTING CLG. GRID TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.</p> <p>EXISTING CLG. GRID TO REMAIN.</p> <p>NEW CLG. GRID TO MATCH EXISTING. SEE ELEC. DWGS FOR DETAILS.</p> <p>EXISTING HVAC DIFFUSERS TO BE DEMO/RELOCATED. SEE MECH. DWGS FOR DETAILS.</p> <p>EXISTING HVAC DIFFUSERS TO REMAIN.</p> <p>NEW HVAC DIFFUSERS TO MATCH EXISTING. SEE MECH. DWGS FOR DETAILS.</p> <p>EXISTING SPRINKLER TO BE DEMO/RELOCATED.</p> <p>EXISTING SPRINKLER TO REMAIN.</p> <p>RELOCATED SPRINKLER</p> | <p>NOTE: LIMITING HEIGHTS MAY VARY BY PROJECT REQUIREMENTS FOR LOADING DEFLECTION CRITERIA.</p> <p>SEE ALSO TYPICAL BRIDGING ATTACHMENT DETAILS. ATTACH GWB TO METAL STUDS WITH #6 SCREWS MIN. @ 12" O.C. MAX. AND AS OTHERWISE REQUIRED BY CODE.</p> <p>SEE ALSO UL DETAILS FOR BALANCE OF INFORMATION FOR ASSOCIATED WALL TYPES.</p> <p>M - METAL W - WOOD B - BLOCK (CMU) C - CONCRETE CR - CLEAN ROOM SH - SHAFTWALL</p> <p>MODIFIER FIRE RATING STUD / BLOCK SIZE</p> |
|--|--|--|

A3 LEGEND

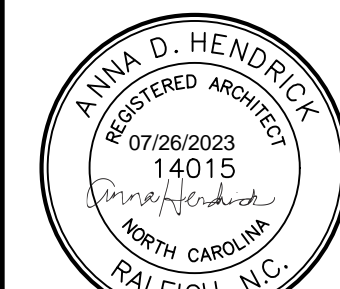
| DEMOLITION KEY NOTES | |
|----------------------|--|
| D1 | DEMOLISH WALLS AND DOORS AT EXISTING SHOWER ENCLOSURE WHERE APPLICABLE. REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE. |
| D2 | REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING - SEE ALSO PME DRAWINGS. GWB CEILING TO REMAIN. IF EXTENSIVE DEMOLITION TO GWB CEILING IS REQUIRED DURING CONSTRUCTION, ALERT ARCHITECT AND OWNER BEFORE PROCEEDING. |
| D3 | REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING TO REMAIN - SEE ALSO PME DRAWINGS. |
| D4 | REMOVE EXISTING BOTTLE FILLER UNIT FOR FIXTURE REPLACEMENT. ALERT ARCHITECT IF CONDITION VARIES FROM WHAT IS NOTED. |
| NEW WORK KEY NOTES | |
| 1 | PROVIDE NEW PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS, ARCHITECTURAL ELEVATIONS AND ACCESSIBILITY DETAILS. COORDINATE & MODIFY LOCATIONS OF EXISTING PLUMBING AS REQUIRED TO MEET ALL ADA CLEARANCES AND MINIMUM DIMENSIONS. |
| 2 | PROVIDE NEW LIGHT FIXTURES AND UTILITY FIXTURES THIS ROOM AT EXISTING LOCATIONS. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS. NOTE: MATCH EXISTING CEILING HEIGHTS. |
| 3 | AMBULATORY ACCESSIBLE COMPARTMENT PER NCSCB 604.8.2. SEE ACCESSIBILITY DETAILS. |
| 4 | REPLACE EXISTING BOTTLE FILLER UNIT WITH DOUBLE WATER FOUNTAIN WITH BOTTLE FILLER - ADA COMPLIANT. |
| 5 | ADD COAT HOOK |

A6 KEY NOTES

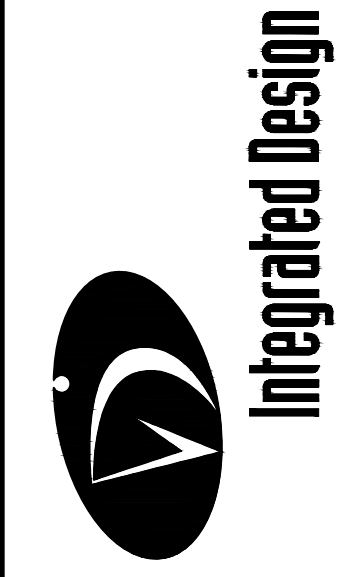


A6 KEY PLAN

SCALE: NTS



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FACILITY IMPROVEMENTS FOR:
**NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS**
RALEIGH, NORTH CAROLINA

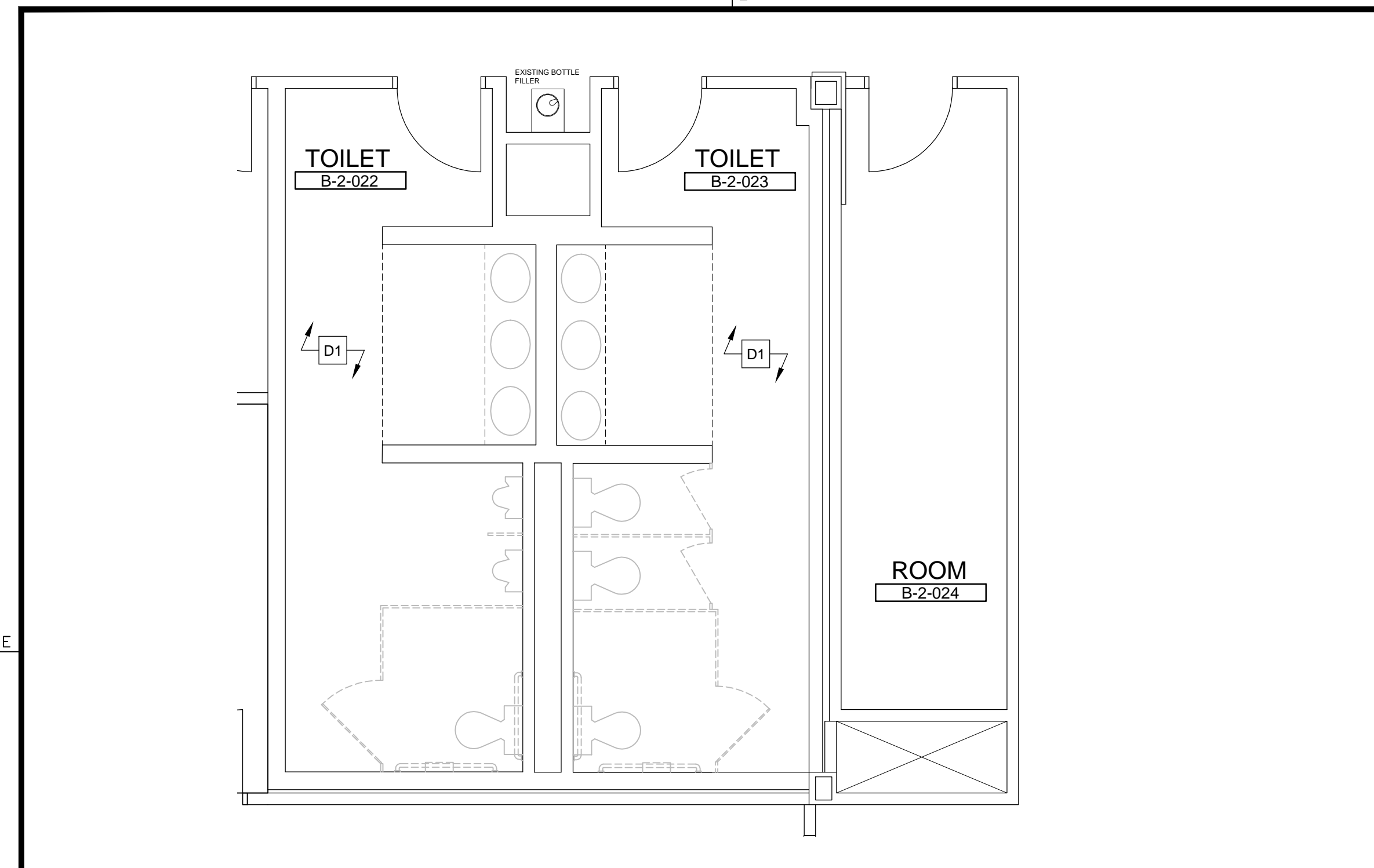
DWG BY: KHB
CHK BY: ADH

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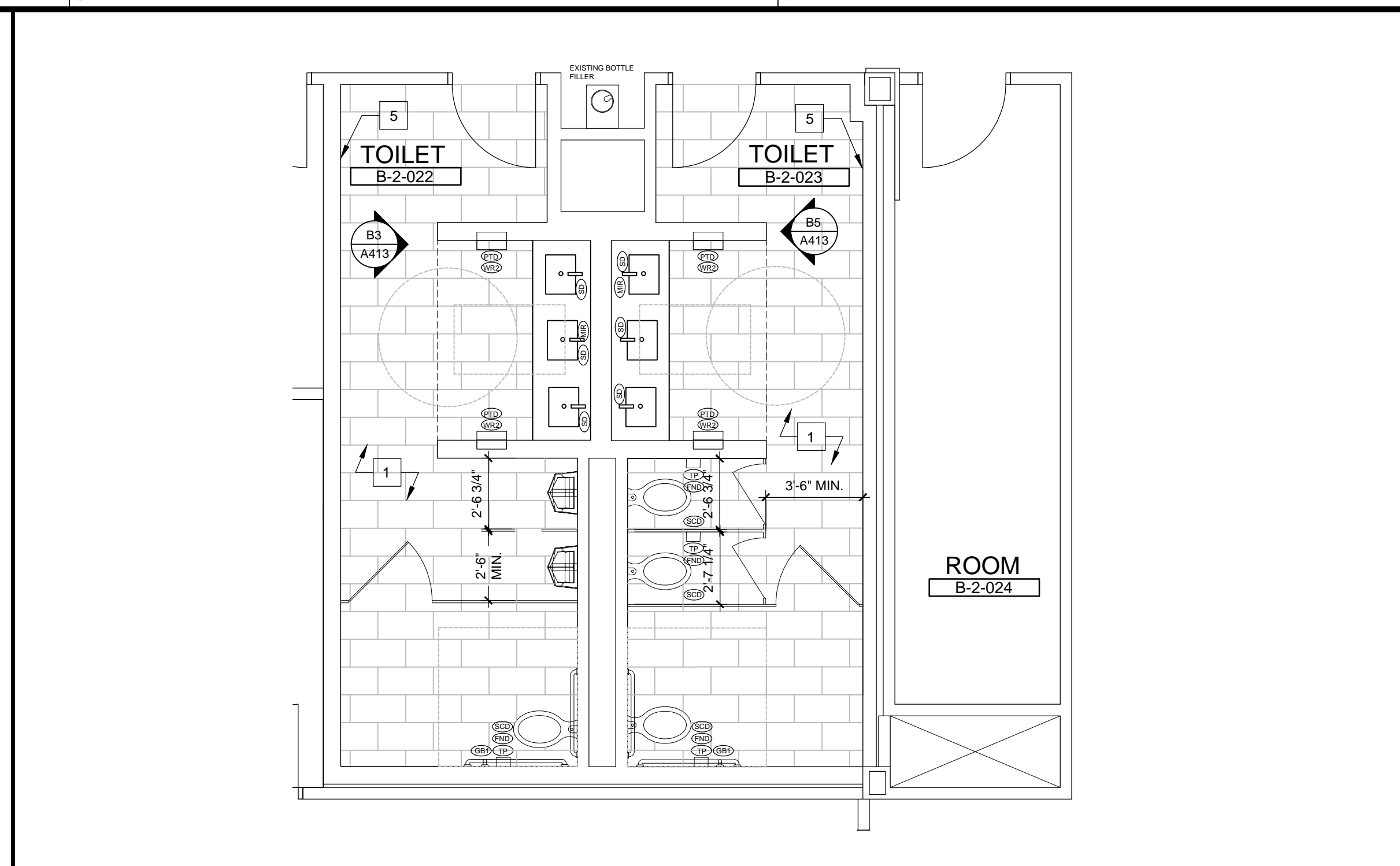
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Dwg scaled for 42x30 plots
2ND FLOOR BLDG A
DEMO & NEW WORK
PLANS &
CEILING PLANS
JOB CODE: NCAOCTR
DRAWING NUMBER

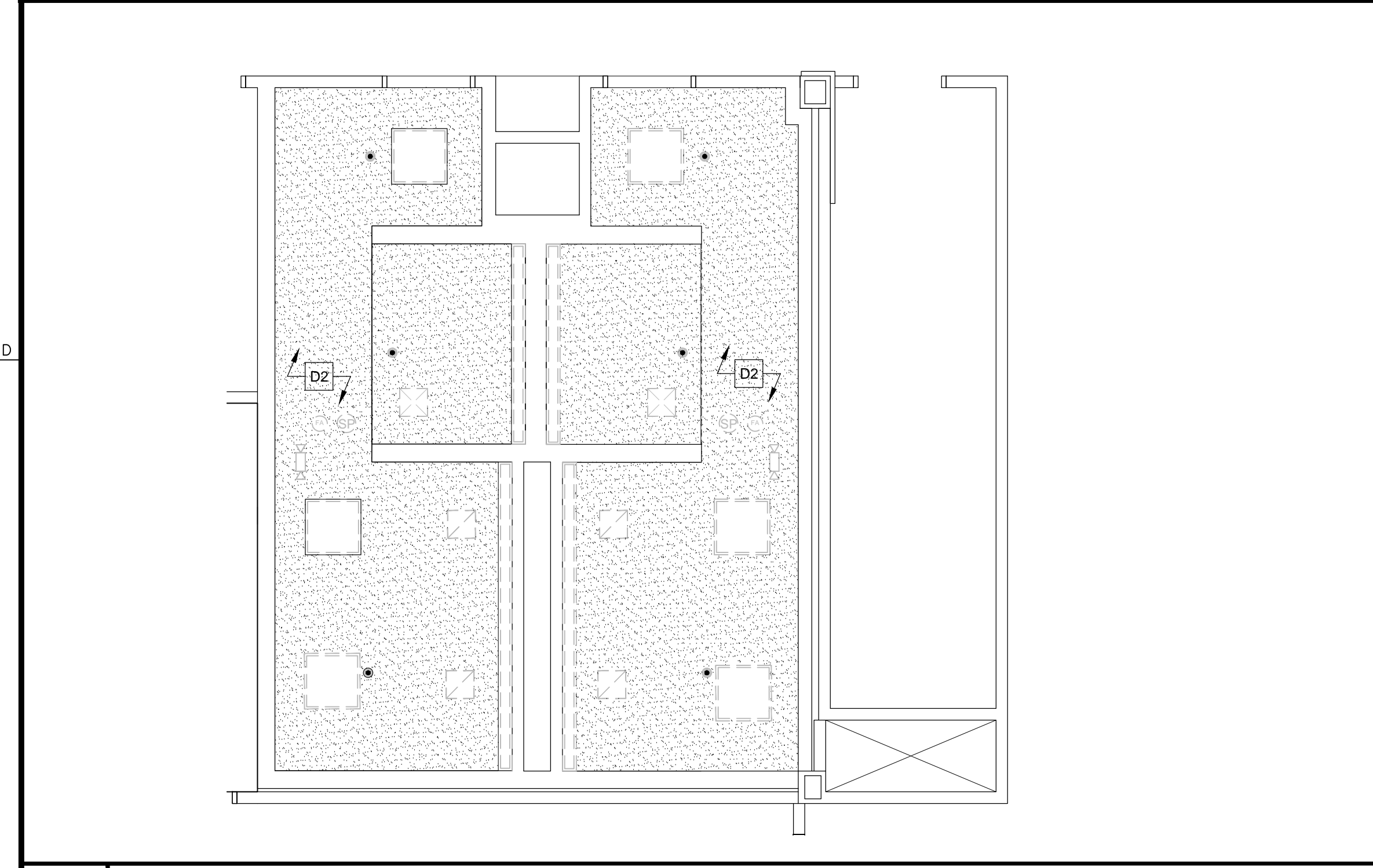
A105



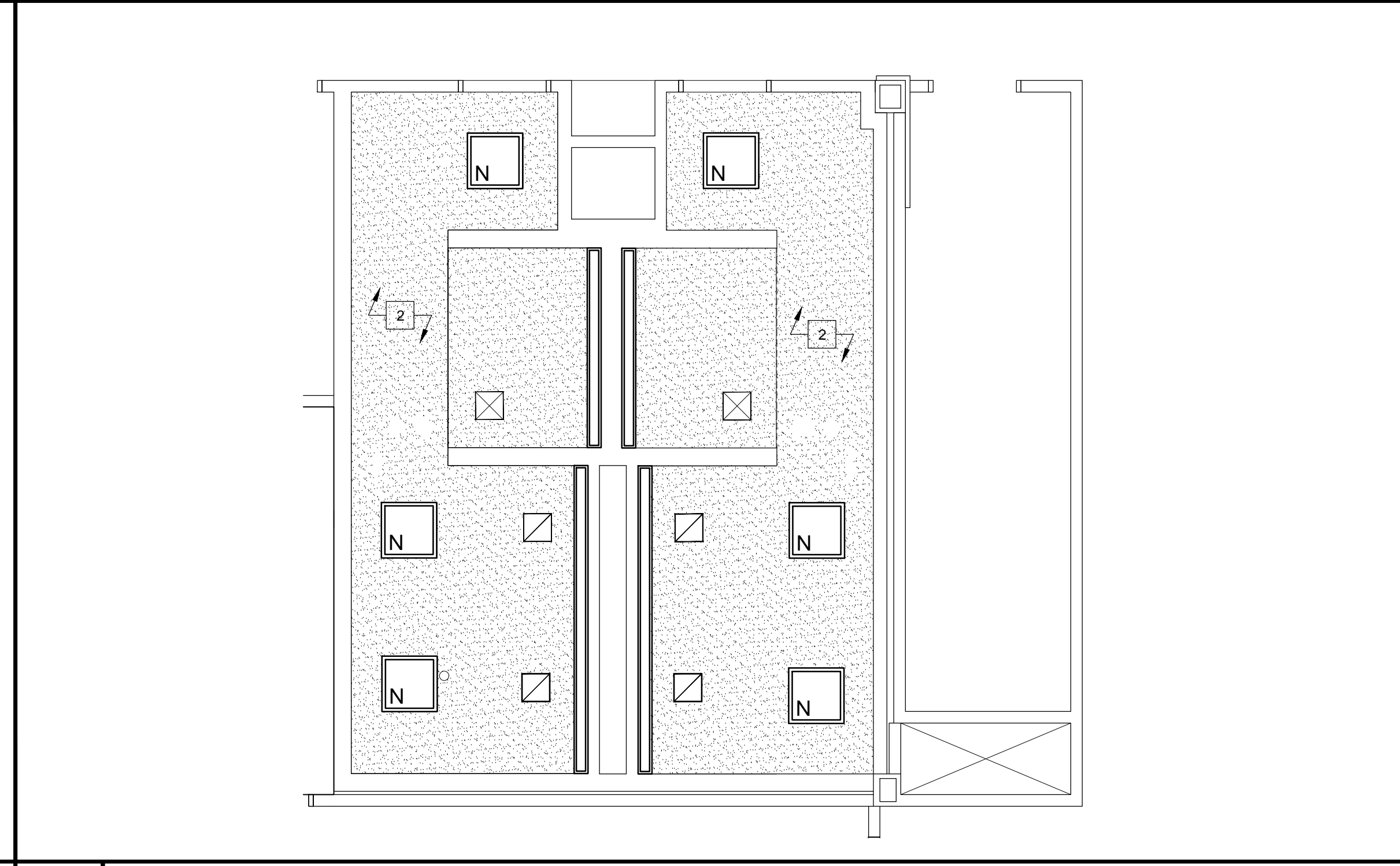
D1 TOILET ROOMS B-2-022 AND B-2-023 DEMOLITION PLAN SCALE: 1/4" = 1'-0"



D2 TOILET ROOMS B-2-022 AND B-2-023 FLOOR PLAN SCALE: 1/4" = 1'-0"



C1 TOILET ROOMS B-2-022 AND B-2-023 DEMOLITION RCP PLAN SCALE: 1/4" = 1'-0"



C2 TOILET ROOMS A-2-022 AND A-2-023 REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0"

WALL TO BE REMOVED
 DESIGNATES EXISTING WALL OR FIRE BARRIER TO REMAIN.
 DESIGNATES NEW WALL

EXISTING DOOR TO REMAIN **EXISTING DOOR TO BE REMOVED**

NEW RELOCATED OR EXISTING DOOR TO BE MODIFIED

DIMENSION TO NEW WALL FINISH SURFACE 3'-1"
MAXIMUM DIMENSION ALLOWED (MAY BE LESS) 3'-1"
MINIMUM DIMENSION ALLOWED (MAY BE MORE) 3'-1"
EXACT DIMENSION BETWEEN FINAL FINISHED SURFACES 3'-1"
TARGET DIMENSION WHICH MAY NOT BE ACHIEVED IN FIELD - BE AWARE 3'-1"
ALIGN THESE FINISHED SURFACES VERIFY

EXISTING 2X4 LIGHTS TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.
EXISTING 2X4 LIGHTS TO REMAIN.
NEW 2X4 LIGHTS. SEE ELEC. DWGS FOR DETAILS.

EXISTING CLG. GRID TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.
EXISTING CLG. GRID TO REMAIN.

NEW CLG. GRID TO MATCH EXISTING. SEE ELEC. DWGS FOR DETAILS.

EXISTING HVAC DIFFUSERS TO BE DEMO/RELOCATED. SEE MECH. DWGS FOR DETAILS.
EXISTING HVAC DIFFUSERS TO REMAIN.

NEW HVAC DIFFUSERS TO MATCH EXISTING. SEE MECH. DWGS FOR DETAILS.

- EXISTING SPRINKLER TO BE RELOCATED.
- EXISTING SPRINKLER TO REMAIN.
- RELOCATED SPRINKLER

NOTE: LIMITING HEIGHTS MAY VARY BY PROJECT. REQUIREMENTS FOR LOADING DEFLECTION CRITERIA.

SEE ALSO TYPICAL BRIDGING ATTACHMENT DETAILS. ATTACH GWS TO METAL STUDS WITH #8 SCREWS MIN. @ 12" O.C. MAX. AND AS OTHERWISE REQUIRED BY CODE.

SEE ALSO UL DETAILS FOR BALANCE OF INFORMATION FOR ASSOCIATED WALL TYPES.

M 6 0 A

M - METAL
 W - WOOD
 B - BLOCK (CMU)
 C - CONCRETE
 CR - CLEAN ROOM
 SH - SHAFTWALL
 MODIFIER
 FIRE RATING
 STUD / BLOCK SIZE BY CODE

DEMOLITION KEY NOTES

D1 DEMOLISH WALLS AND DOORS AT EXISTING SHOWER ENCLOSURE WHERE APPLICABLE. REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.

D2 REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING - SEE ALSO PME DRAWINGS. GWB CEILING TO REMAIN. IF EXTENSIVE DEMOLITION TO GWB CEILING IS REQUIRED DURING CONSTRUCTION, ALERT ARCHITECT AND OWNER BEFORE PROCEEDING.

D3 REMOVE ALL LIGHT FIXTURES, HVAC GRILLES, ACT AND TILE CEILING TO REMAIN - SEE ALSO PME DRAWINGS.

D4 REMOVE EXISTING BOTTLE FILLER UNIT FOR FIXTURE REPLACEMENT. ALERT ARCHITECT IF CONDITION VARIES FROM WHAT IS NOTED.

NEW WORK KEY NOTES

1 PROVIDE NEW PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS, ARCHITECTURAL ELEVATIONS AND ACCESSIBILITY DETAILS. COORDINATE & MODIFY LOCATIONS OF EXISTING PLUMBING AS REQUIRED TO MEET ALL ADA CLEARANCES AND MINIMUM DIMENSIONS.

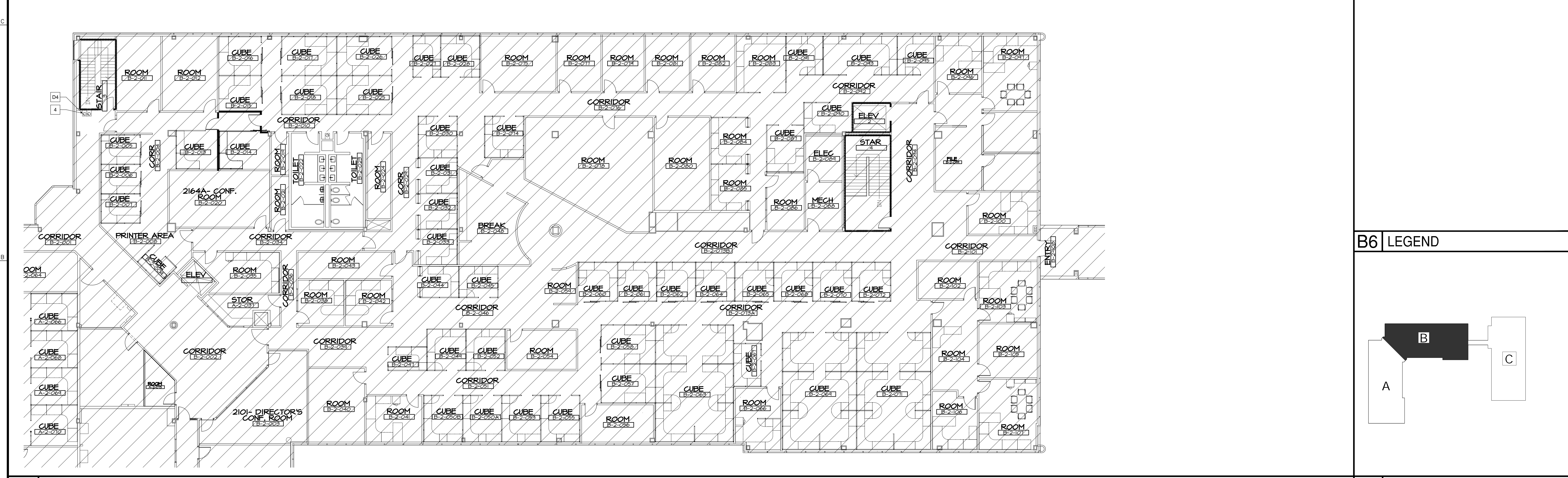
2 PROVIDE NEW LIGHT FIXTURES AND UTILITY FIXTURES THIS ROOM AT EXISTING LOCATIONS. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES WHERE APPLICABLE. SEE ALSO PME DRAWINGS. NOTE: MATCH EXISTING CEILING HEIGHTS.

3 AMBULATORY ACCESSIBLE COMPARTMENT PER NCSBC 604.8.2. SEE ACCESSIBILITY DETAILS.

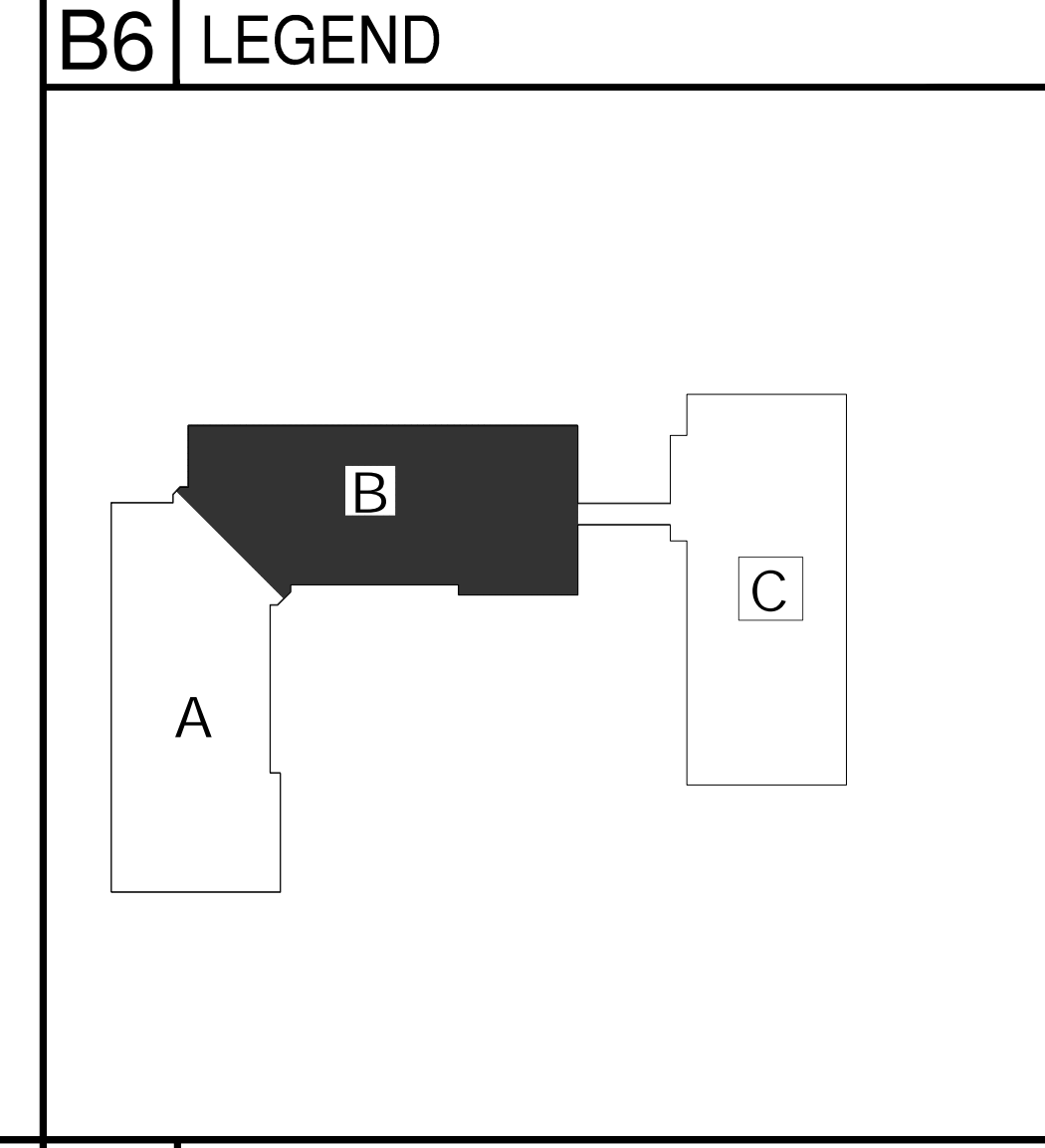
4 REPLACE EXISTING BOTTLE FILLER UNIT WITH DOUBLE WATER FOUNTAIN WITH BOTTLE FILLER - ADA COMPLIANT.

5 ADD COAT HOOK

C5 KEY NOTES



A1 SECOND FLOOR - BUILDING B - FLOOR PLAN SCALE: 3/32" = 1'-0"



A6 KEY PLAN SCALE: NTS

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TOILET IMPROVEMENTS
 901 CORPORATE CENTER DRIVE
 RALEIGH, NORTH CAROLINA

DWG BY: ADH
 CHK BY: KHB

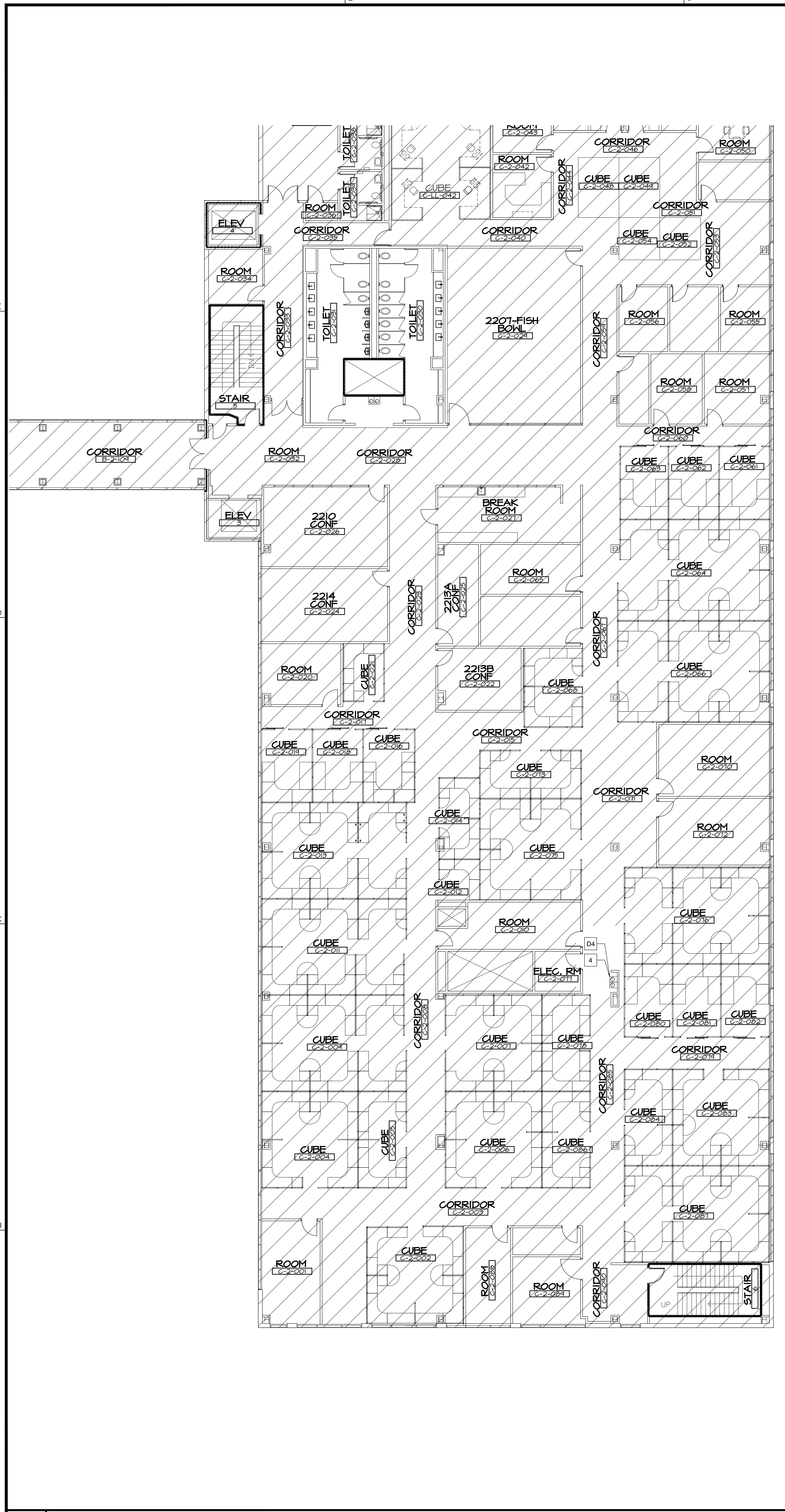
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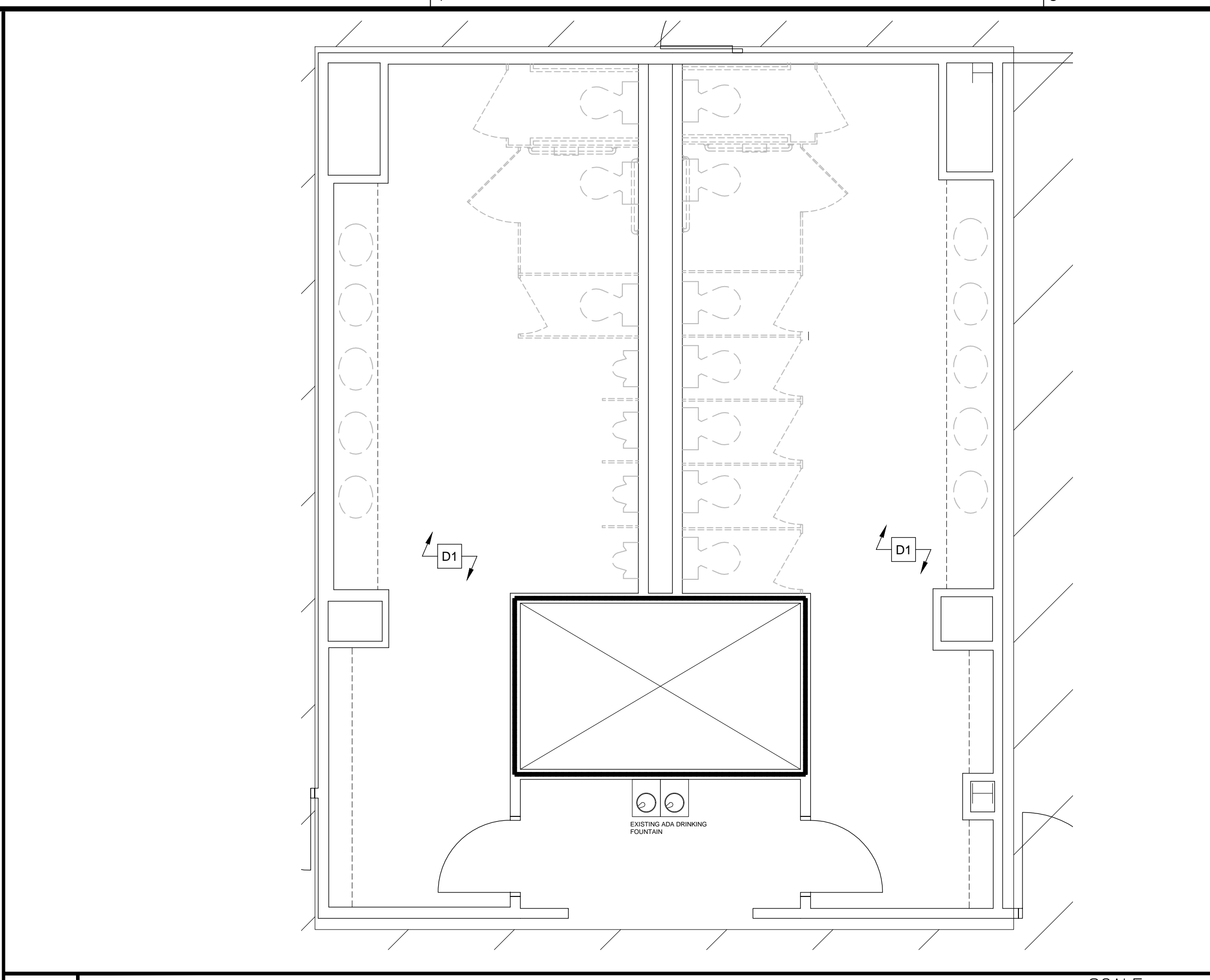
Dwg scaled for 42x30 plots

2ND FLOOR BLDG B DEMO & NEW WORK PLANS & CEILING PLANS

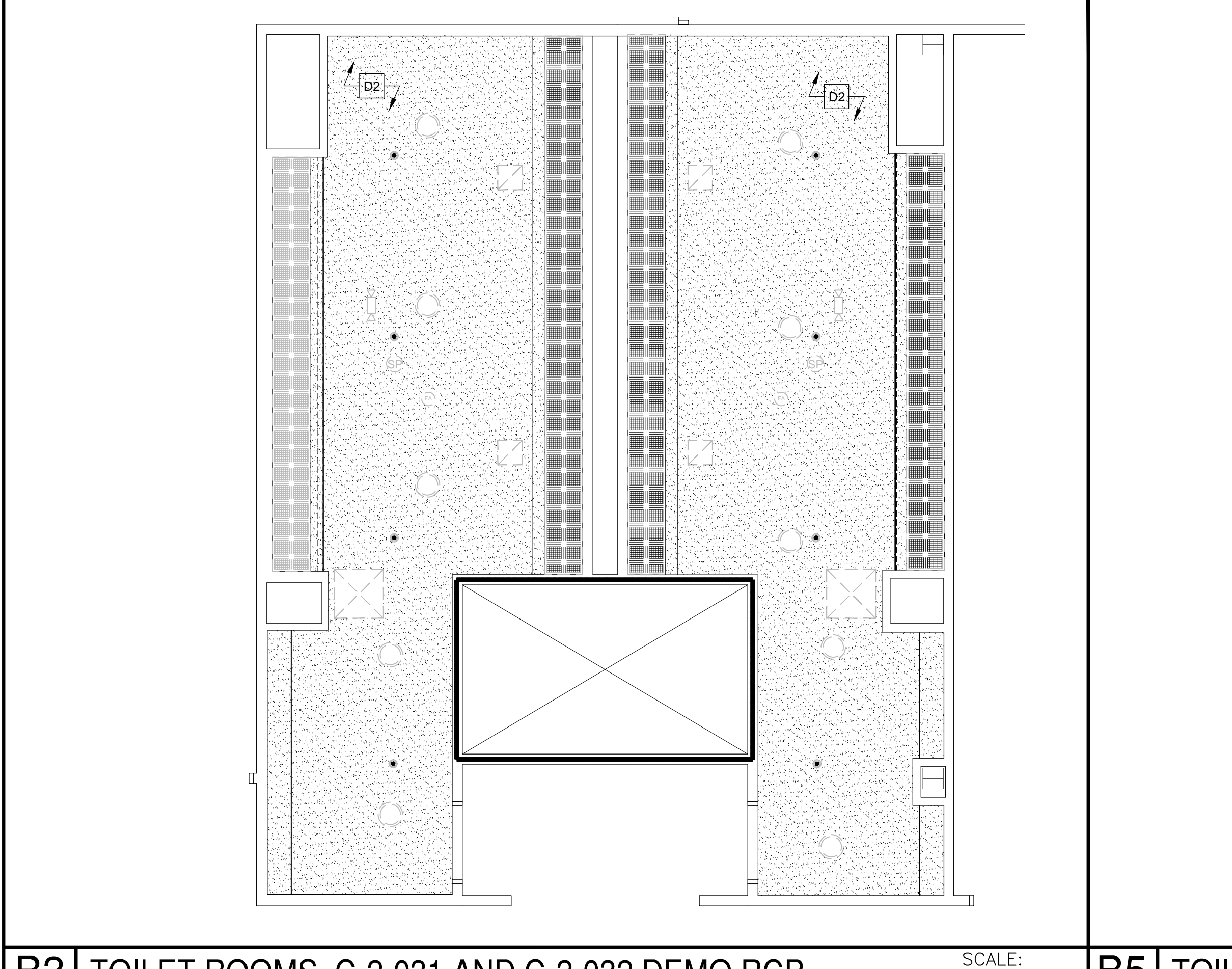
JOB CODE: NCAOCTR
 DRAWING NUMBER
A106



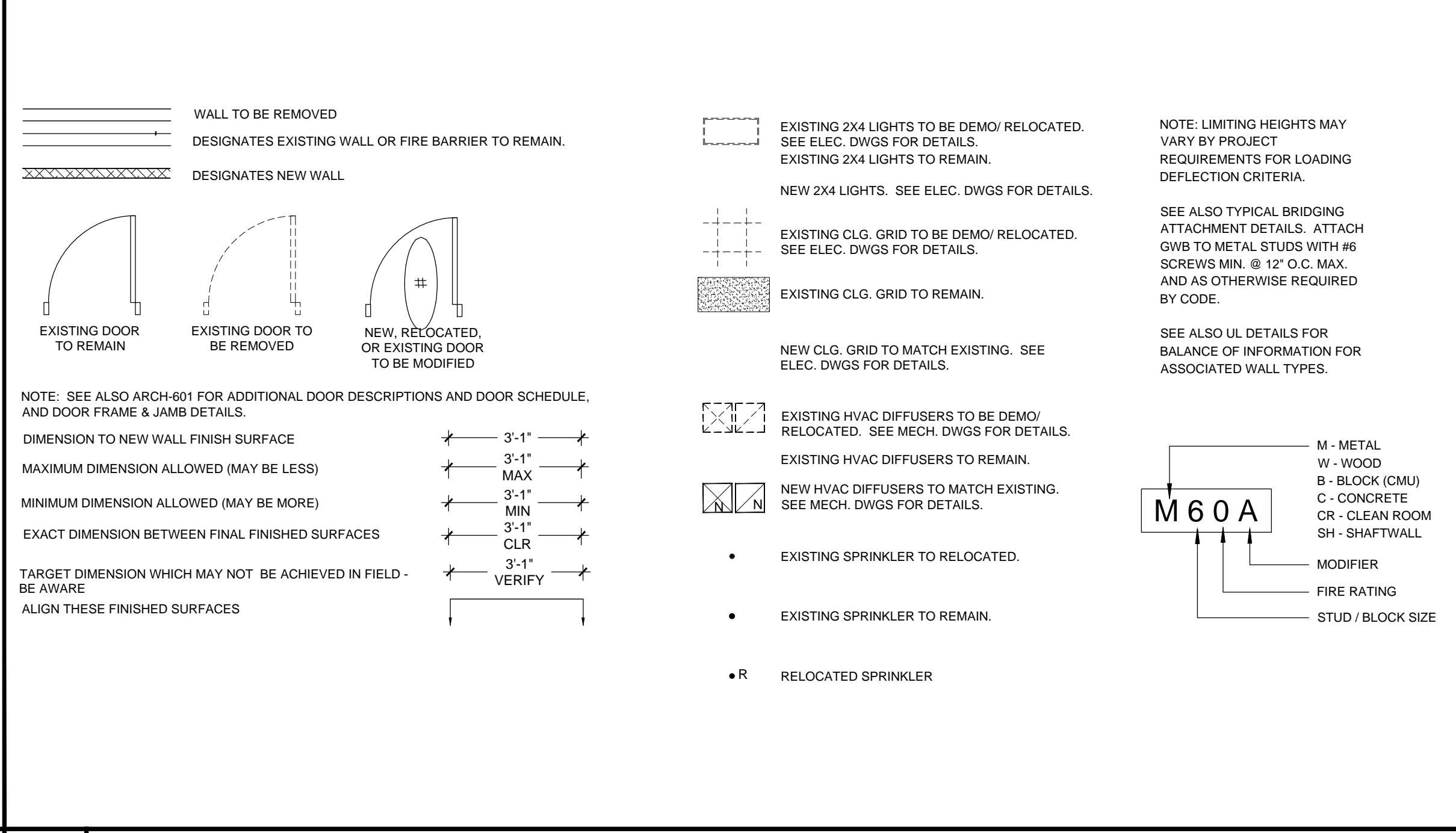
A1 SECOND FLOOR - BUILDING C - FLOOR PLAN SCALE: 3/32" = 1'-0"



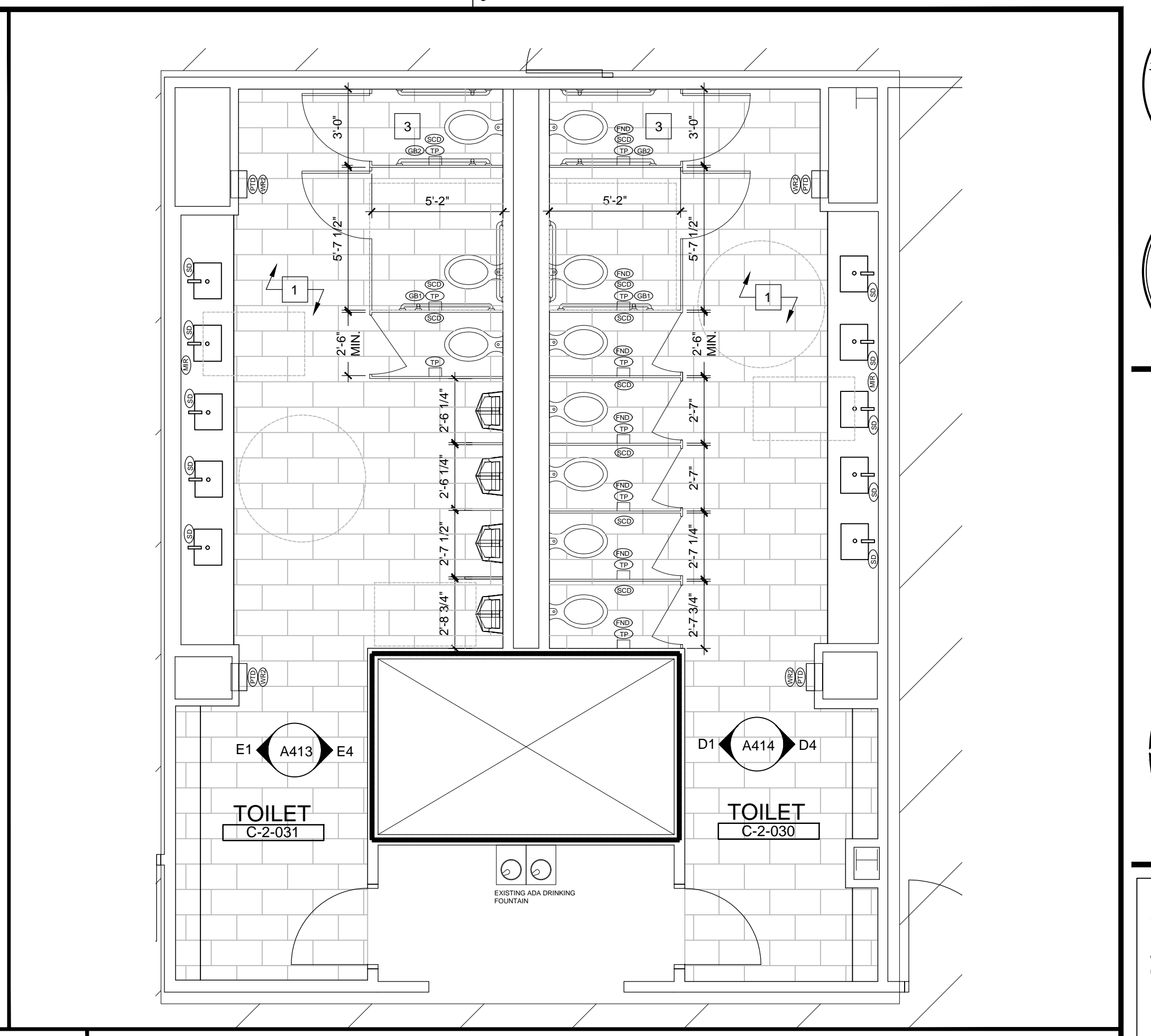
D3 TOILET ROOMS C-2-031 AND C-2-030 DEMOLITION PLAN SCALE: 1/4" = 1'-0"



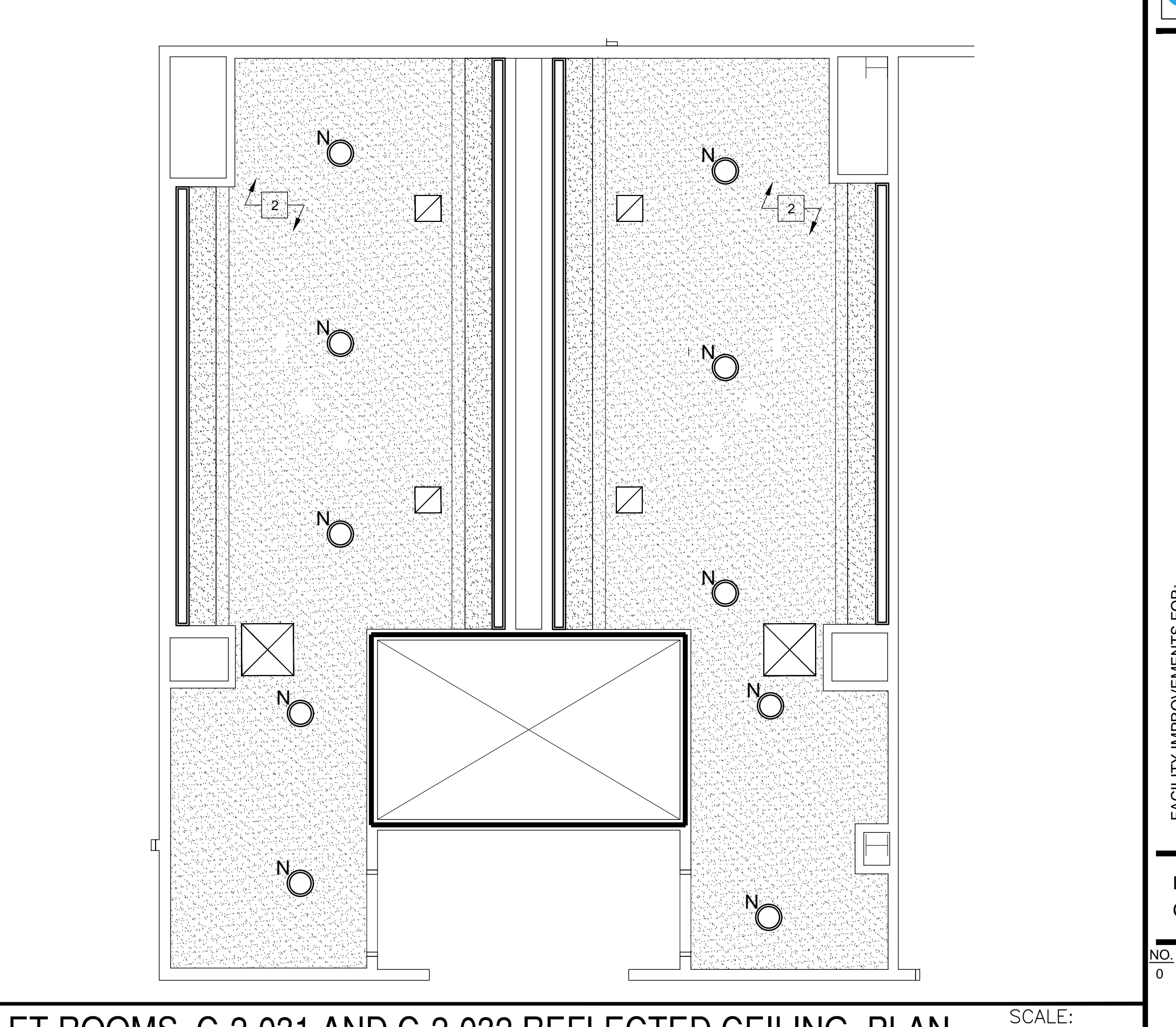
B3 TOILET ROOMS C-2-031 AND C-2-032 DEMO RCP SCALE: 1/4" = 1'-0"



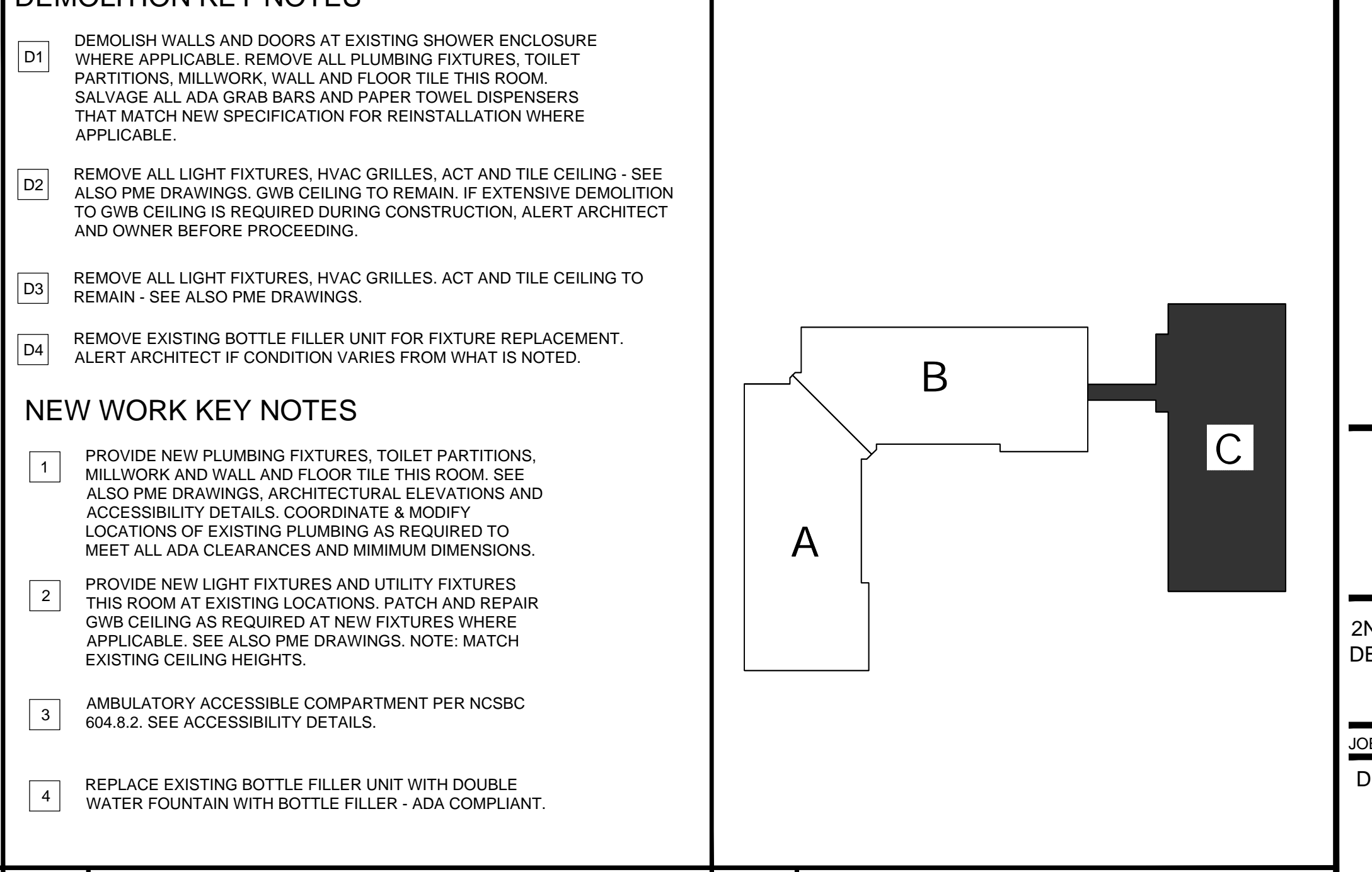
A3 LEGEND



D5 TOILET ROOMS C-2-031 AND C-2-030 FLOOR PLAN SCALE: 1/4" = 1'-0"



B5 TOILET ROOMS C-2-031 AND C-2-032 REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0"



A5 KEY NOTES A6 KEY PLAN SCALE: NTS

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RALEIGH, NORTH CAROLINA

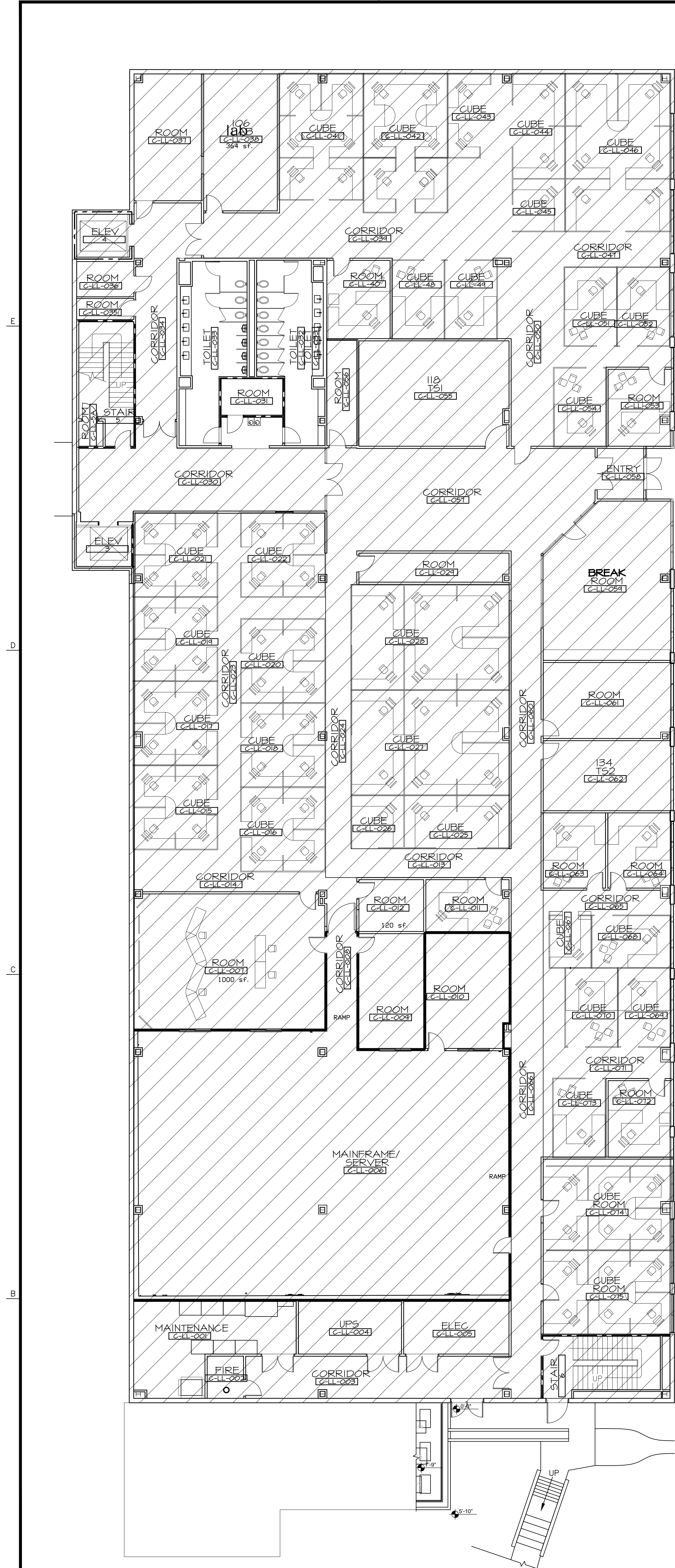
DWG BY: KHB
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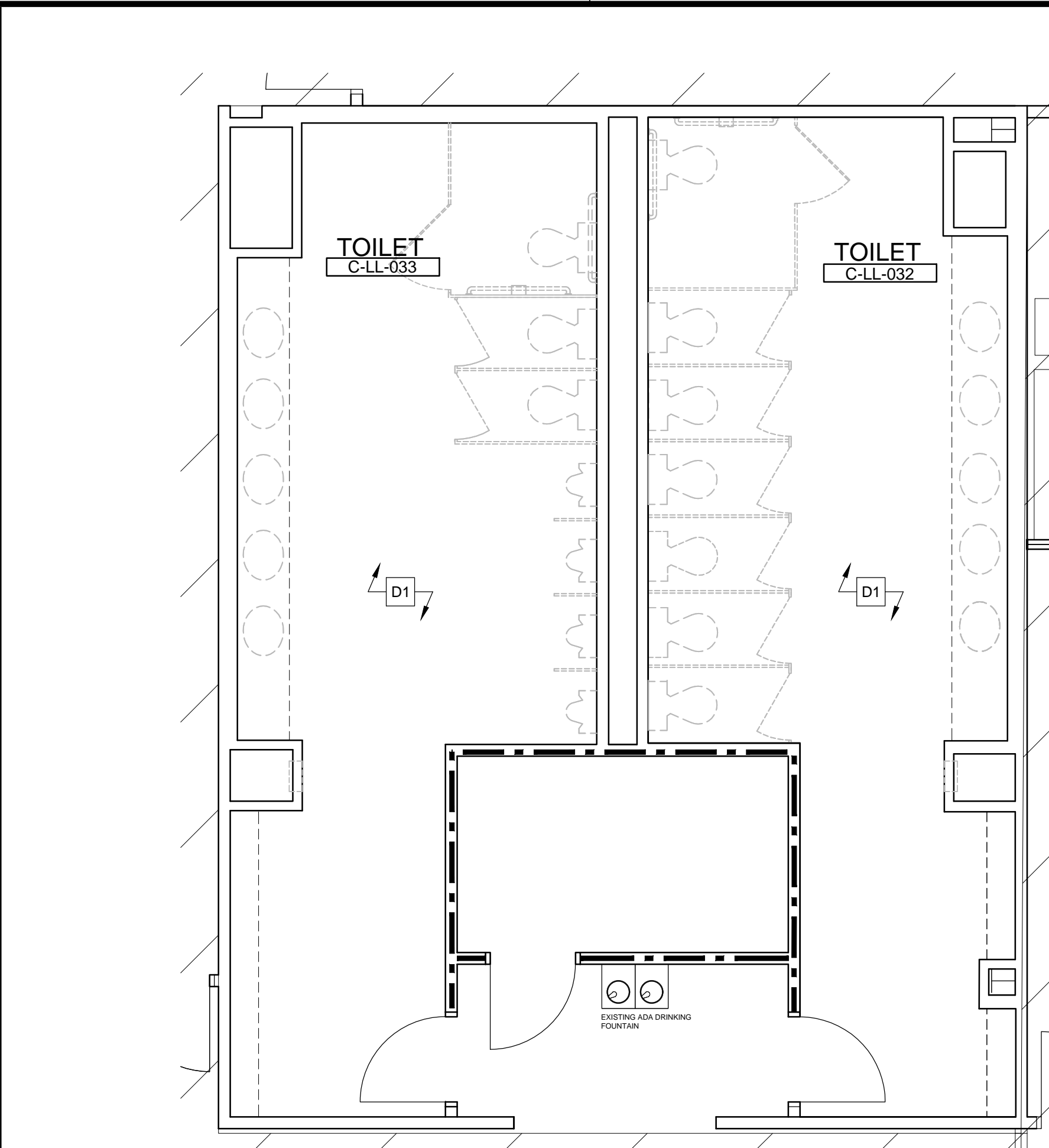
Dwg scaled for 42x30 plots

2ND FLOOR BLDG C
DEMO & NEW WORK
PLANS &
CEILING PLANS
JOB CODE: NCAOCTR
DRAWING NUMBER
A107



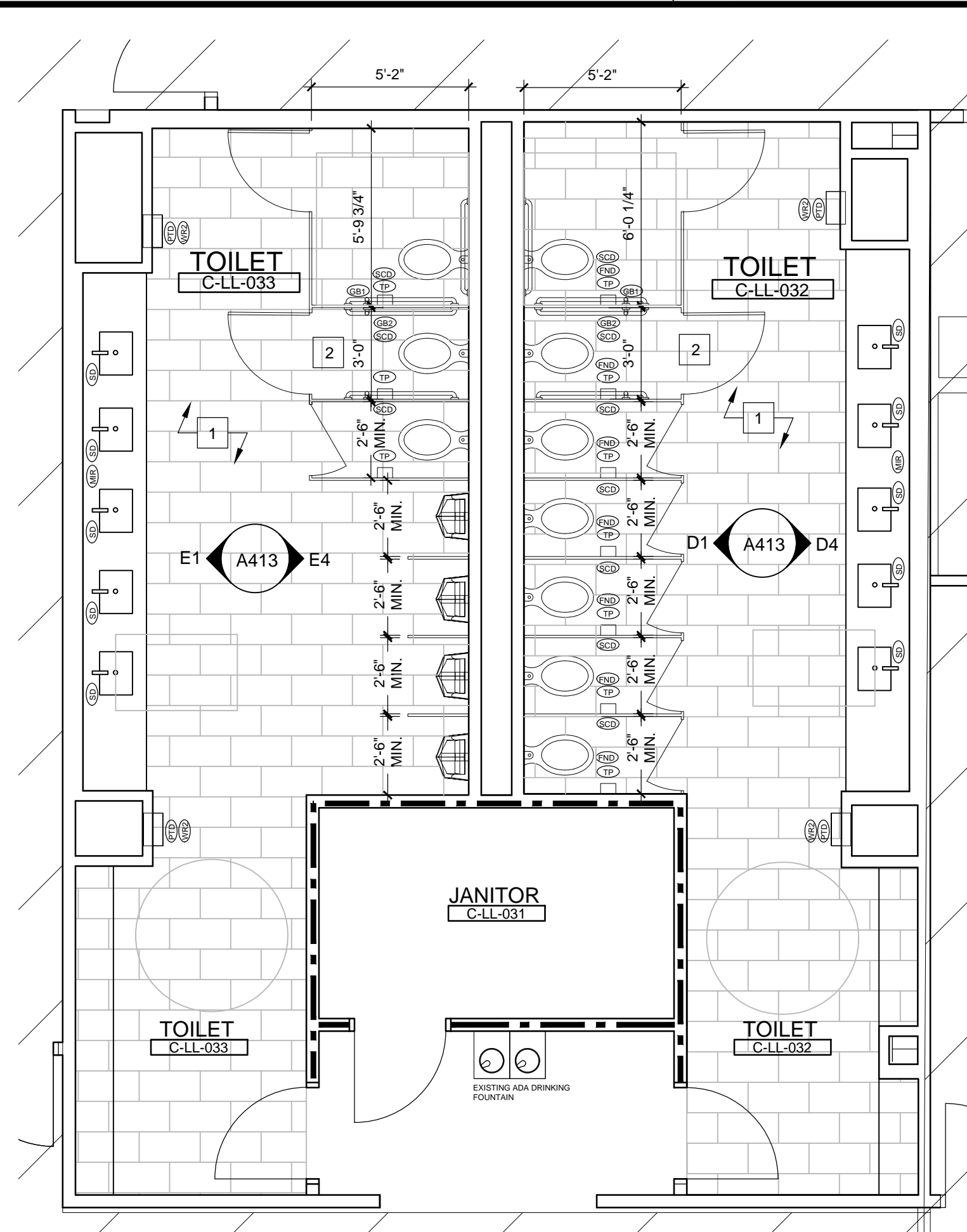
A1 LOWER LEVEL - BUILDING C - FLOOR PLAN

SCALE: 3/32" = 1'-0"



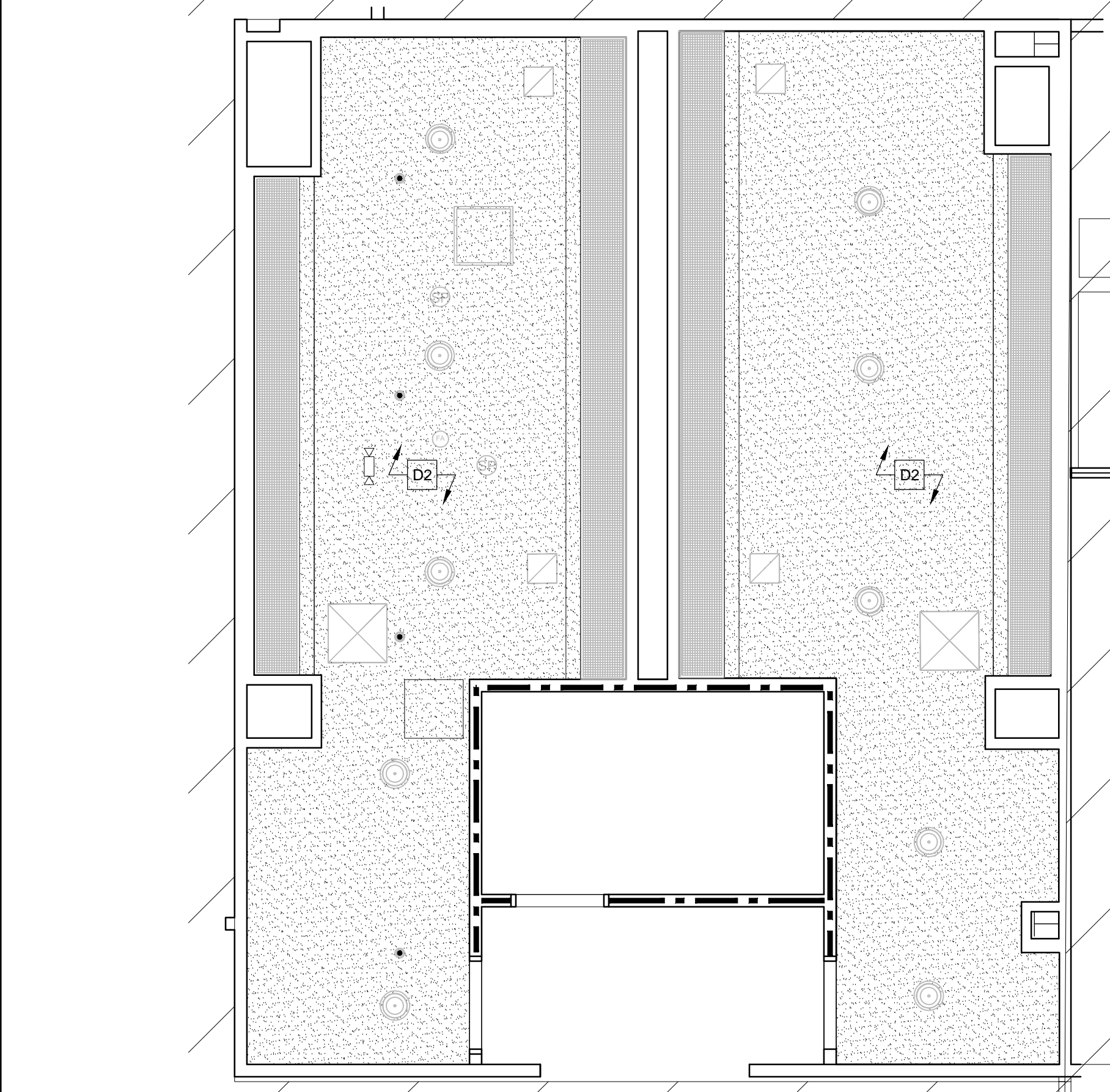
D3 TOILET ROOMS C-LL-033 AND C-LL-032 DEMOLITION PLAN

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



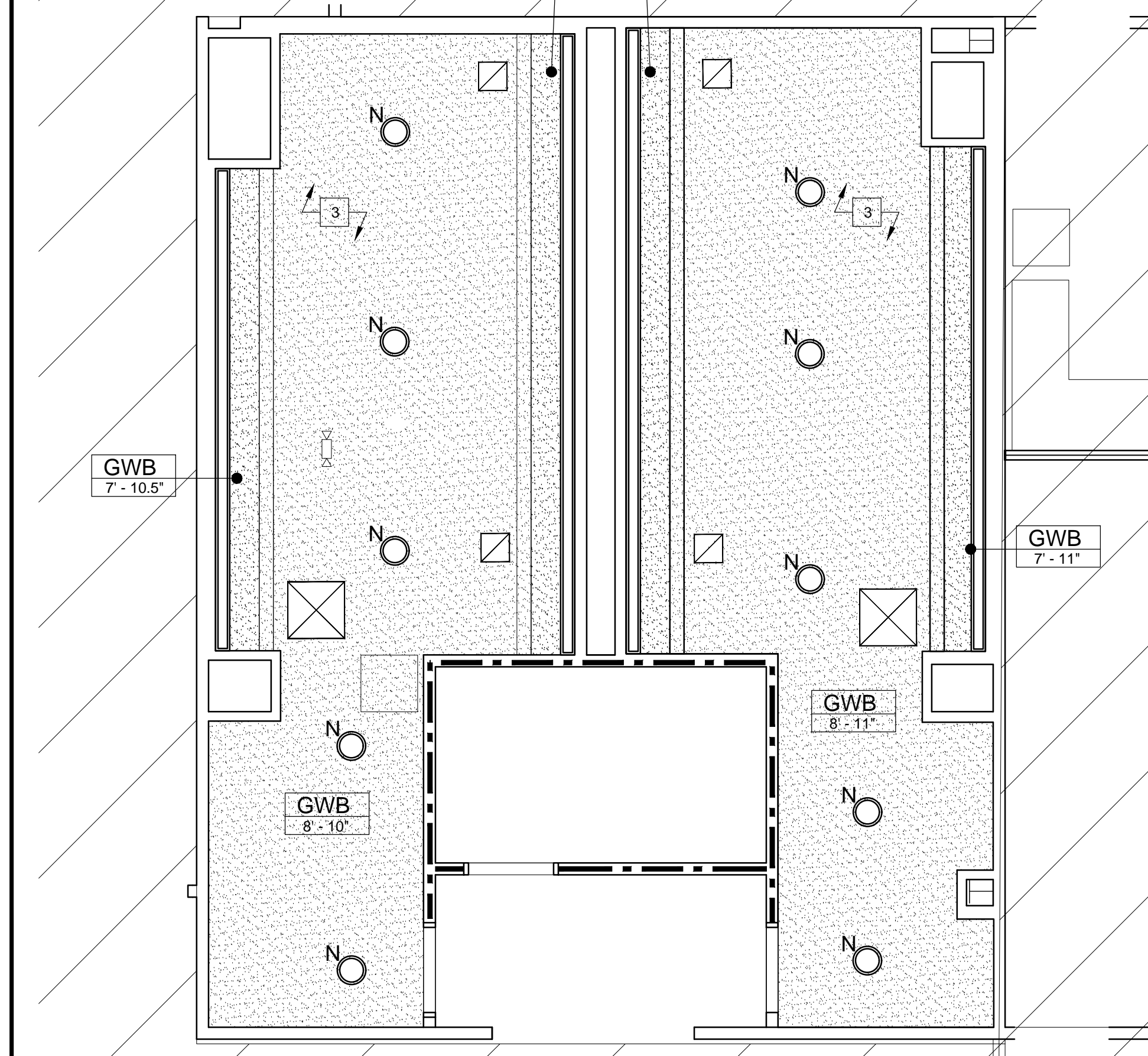
D5 TOILET ROOMS C-LL-033 AND C-LL-032 FLOOR PLAN

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



B3 TOILET ROOMS - DEMOLITION REFLECTED CEILING PLAN

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



B5 TOILET ROOMS - REFLECTED CEILING PLAN

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

LEGEND

| | | |
|--|---|--|
| <p>WALL TO BE REMOVED DESIGNATES EXISTING WALL OR FIRE BARRIER TO REMAIN.</p> <p>DESIGNATES NEW WALL</p> <p>EXISTING DOOR TO REMAIN</p> <p>EXISTING DOOR TO BE REMOVED</p> <p>NEW, RELOCATED, OR EXISTING DOOR TO BE MODIFIED</p> <p>NOTE: SEE ALSO ARCH401 FOR ADDITIONAL DOOR DESCRIPTIONS AND DOOR SCHEDULE, AND DOOR FRAME & JAMB DETAILS.</p> <p>DIMENSION TO NEW WALL FINISH SURFACE</p> <p>MAXIMUM DIMENSION ALLOWED (MAY BE LESS)</p> <p>MINIMUM DIMENSION ALLOWED (MAY BE MORE)</p> <p>EXACT DIMENSION BETWEEN FINAL FINISHED SURFACES</p> <p>TARGET DIMENSION WHICH MAY NOT BE ACHIEVED IN FIELD - BE AWARE</p> <p>ALIGN THESE FINISHED SURFACES</p> | <p>EXISTING 2X4 LIGHTS TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.</p> <p>EXISTING 2X4 LIGHTS TO REMAIN.</p> <p>NEW 2X4 LIGHTS. SEE ELEC. DWGS FOR DETAILS.</p> <p>EXISTING CLG. GRID TO BE DEMO/RELOCATED. SEE ELEC. DWGS FOR DETAILS.</p> <p>EXISTING CLG. GRID TO REMAIN.</p> <p>NEW CLG. GRID TO MATCH EXISTING. SEE ELEC. DWGS FOR DETAILS.</p> <p>EXISTING HVAC DIFFUSERS TO BE DEMO/RELOCATED. SEE MECH. DWGS FOR DETAILS.</p> <p>EXISTING HVAC DIFFUSERS TO REMAIN.</p> <p>NEW HVAC DIFFUSERS TO MATCH EXISTING. SEE MECH. DWGS FOR DETAILS.</p> <p>EXISTING SPRINKLER TO BE RELOCATED.</p> <p>EXISTING SPRINKLER TO REMAIN.</p> <p>RELOCATED SPRINKLER</p> | <p>NOTE: LIMITING HEIGHTS MAY VARY BY PROJECT REQUIREMENTS FOR LOADING DEFLECTION CRITERIA.</p> <p>SEE ALSO TYPICAL BRIDGING ATTACHMENT DETAILS. ATTACH GWB TO METAL STUDS WITH #6 SCREWS MIN. @ 12" O.C. MAX. AND AS OTHERWISE REQUIRED BY CODE.</p> <p>SEE ALSO UL DETAILS FOR BALANCE OF INFORMATION FOR ASSOCIATED WALL TYPES.</p> <p>M - METAL W - WOOD B - BLOCK (CMU) C - CONCRETE CR - CLEAN ROOM SH - SHAFTWALL</p> <p>MODIFIER FIRE RATING STUD / BLOCK SIZE</p> |
|--|---|--|

A3 LEGEND

DEMOLITION KEY NOTES

- REMOVE ALL PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK, WALL AND FLOOR TILE THIS ROOM. SALVAGE ALL ADA GRAB BARS AND PAPER TOWEL DISPENSERS THAT MATCH NEW SPECIFICATION FOR REINSTALLATION WHERE APPLICABLE.
- REMOVE ALL LIGHT FIXTURES AND HVAC GRILLES - SEE ALSO PME DRAWINGS. GWB CEILING TO REMAIN. IF EXTENSIVE DEMOLITION TO GWB CEILING IS REQUIRED DURING CONSTRUCTION, ALERT ARCHITECT AND OWNER BEFORE PROCEEDING.

NEW WORK KEY NOTES

- PROVIDE NEW PLUMBING FIXTURES, TOILET PARTITIONS, MILLWORK AND WALL AND FLOOR TILE THIS ROOM. SEE ALSO PME DRAWINGS, ARCHITECTURAL ELEVATIONS AND ACCESSIBILITY DETAILS. COORDINATE & MODIFY LOCATIONS OF EXISTING PLUMBING AS REQUIRED TO MEET ALL ADA CLEARANCES AND MINIMUM DIMENSIONS.
- AMBULATORY ACCESSIBLE COMPARTMENT PER NCSCB 604.8.2. SEE ACCESSIBILITY DETAILS.
- PROVIDE NEW LIGHT FIXTURES AND UTILITY FIXTURES THIS ROOM AT EXISTING LOCATIONS. PATCH AND REPAIR GWB CEILING AS REQUIRED AT NEW FIXTURES. SEE ALSO PME DRAWINGS. NOTE: MATCH EXISTING CEILING HEIGHTS.

A5 KEY NOTES

A6 KEY PLAN

SCALE: NTS

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TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NORTH CAROLINA

DWG BY: JAL
CHK BY: ADH

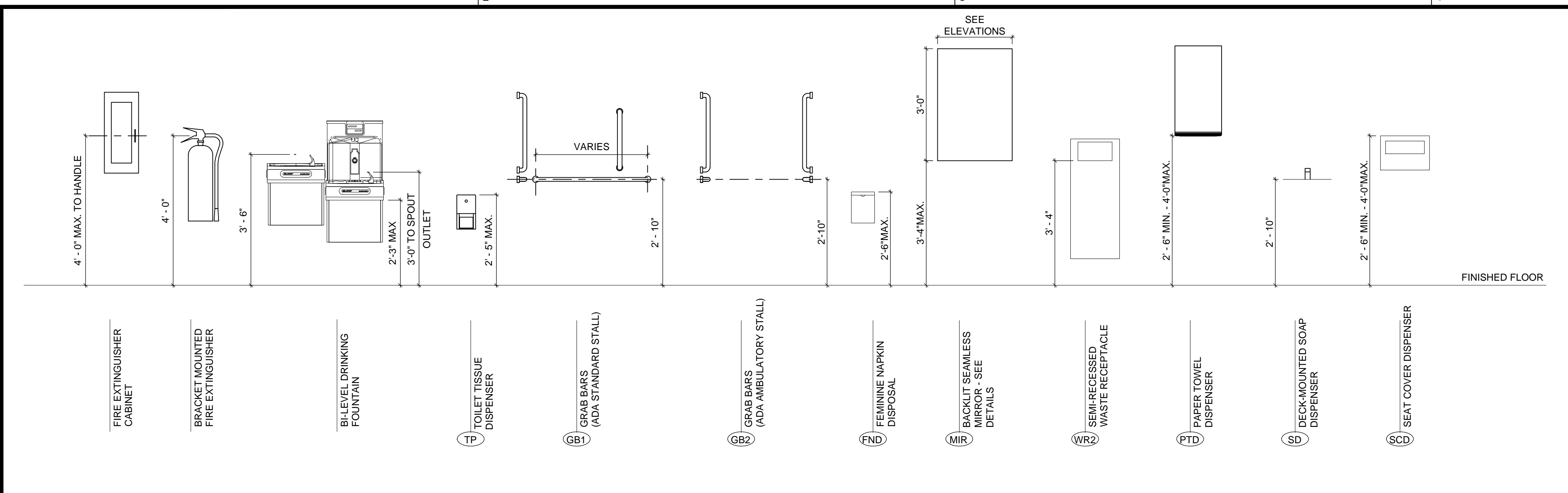
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Dwg scaled for 42x30 plots

LL BUILDING C
DEMO & NEW WORK
PLANS &
CEILING PLANS
JOB CODE: NCAOCTR
DRAWING NUMBER

A108

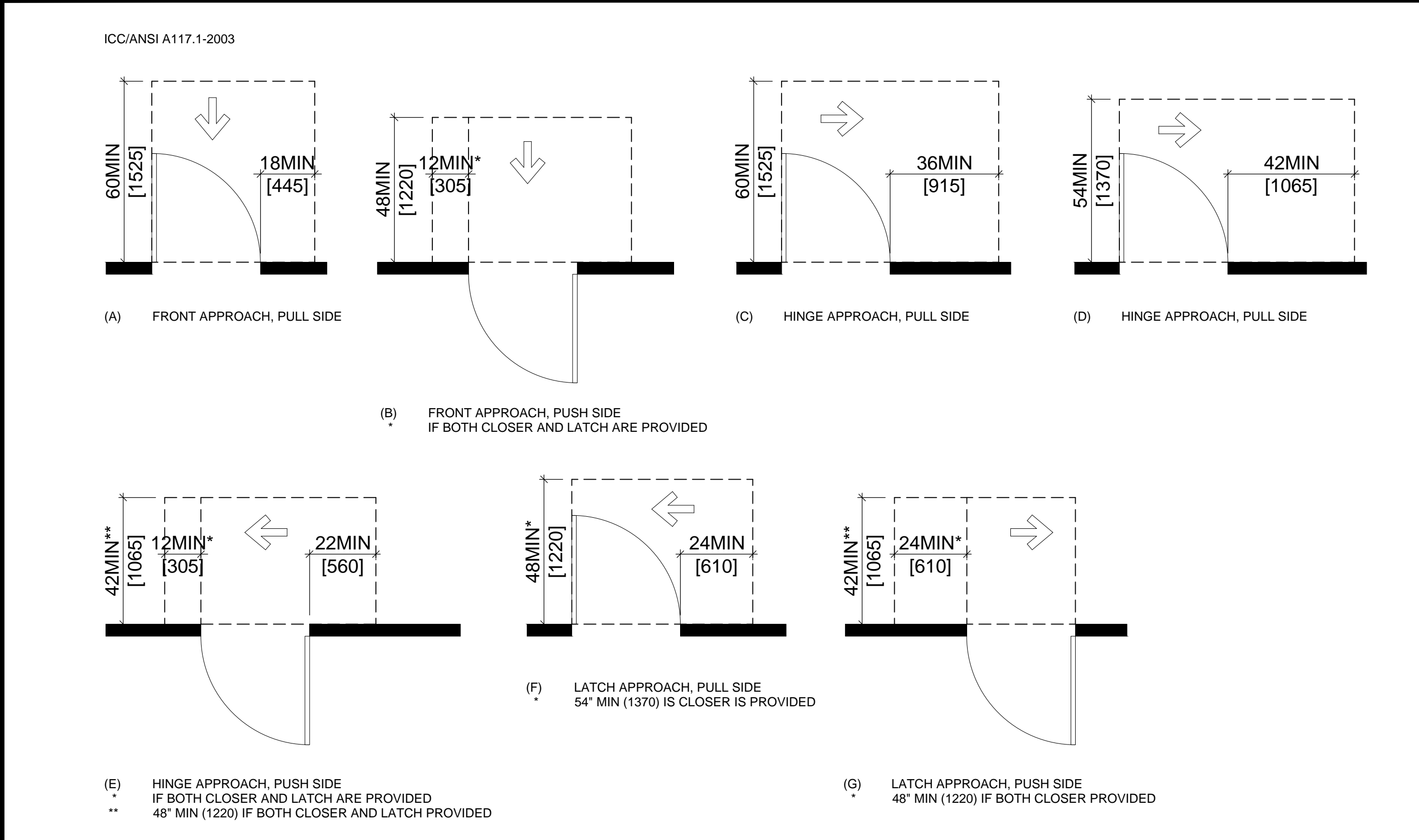


| TAG | DESCRIPTION | MANUFACTURER | MODEL |
|----------|-------------------------------------|--------------------------------|--|
| TP | SURFACE MTD. TOILET PAPER DISPENSER | REFER TO MASTER SPECIFICATIONS | |
| GB1 | ADA STALL GRAB BARS | REFER TO MASTER SPECIFICATIONS | 36" HORIZONTAL (REAR), 42" HORIZONTAL (SIDE) 18" VERTICAL (SIDE) |
| SCD | SURFACE MTD. SEAT COVER DISPENSER | REFER TO MASTER SPECIFICATIONS | |
| FND | SEMI-RECESSED WASTE RECEPTACLE | REFER TO MASTER SPECIFICATIONS | |
| WR2 | PAPER TOWEL DISPENSER | REFER TO MASTER SPECIFICATIONS | |
| SD | SOAP DISPENSER | SEE PLUMBING DRAWINGS | |
| LAVATORY | | SEE PLUMBING DRAWINGS | |
| MIR | MIRROR | | REFER TO ELEVATIONS |

E1 RESTROOM ACCESSORIES

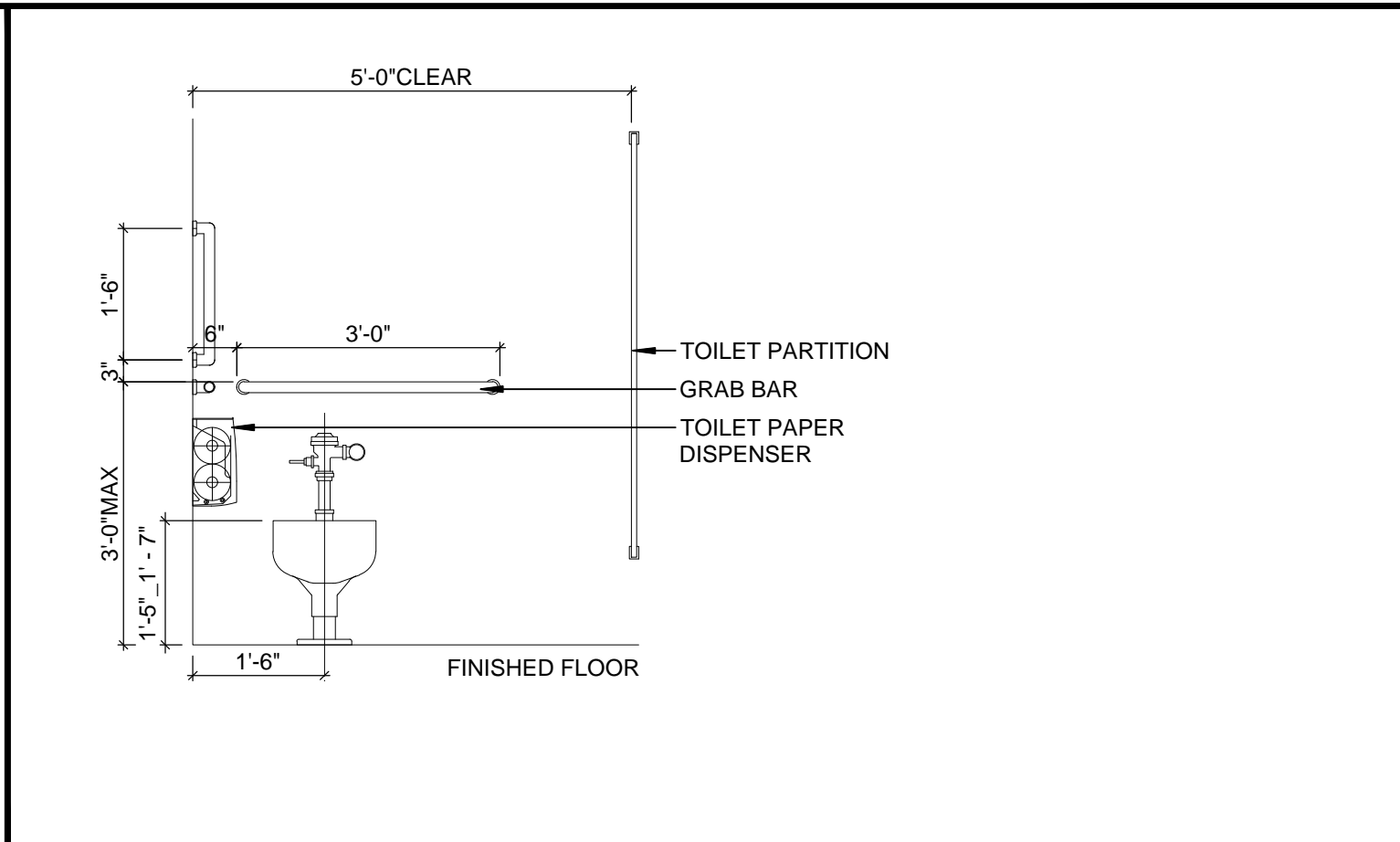
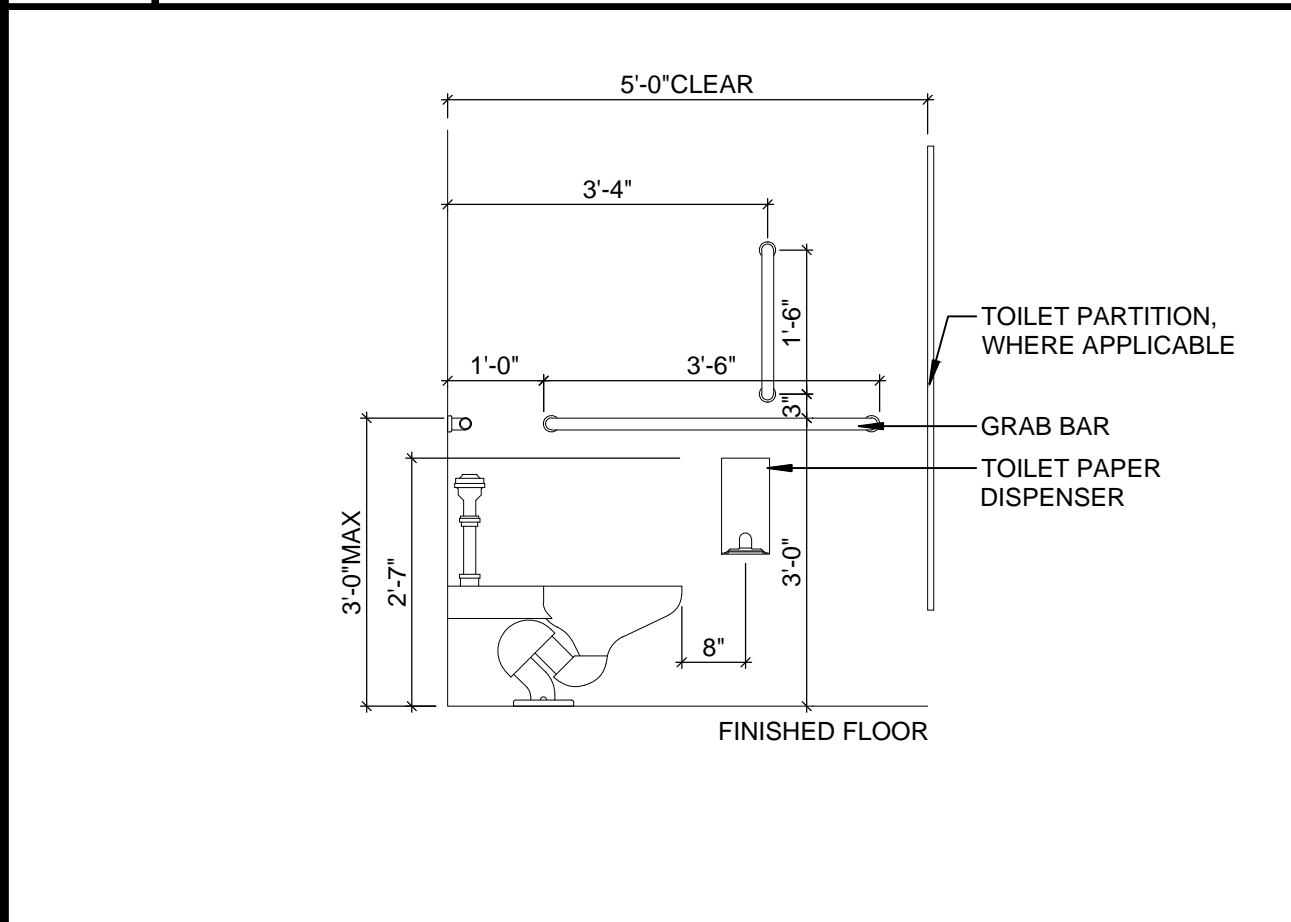
SCALE: 1/2" = 1'-0"

E4 TOILET ACCESSORIES



C1 ACCESSIBILITY - DOOR CLEARANCES

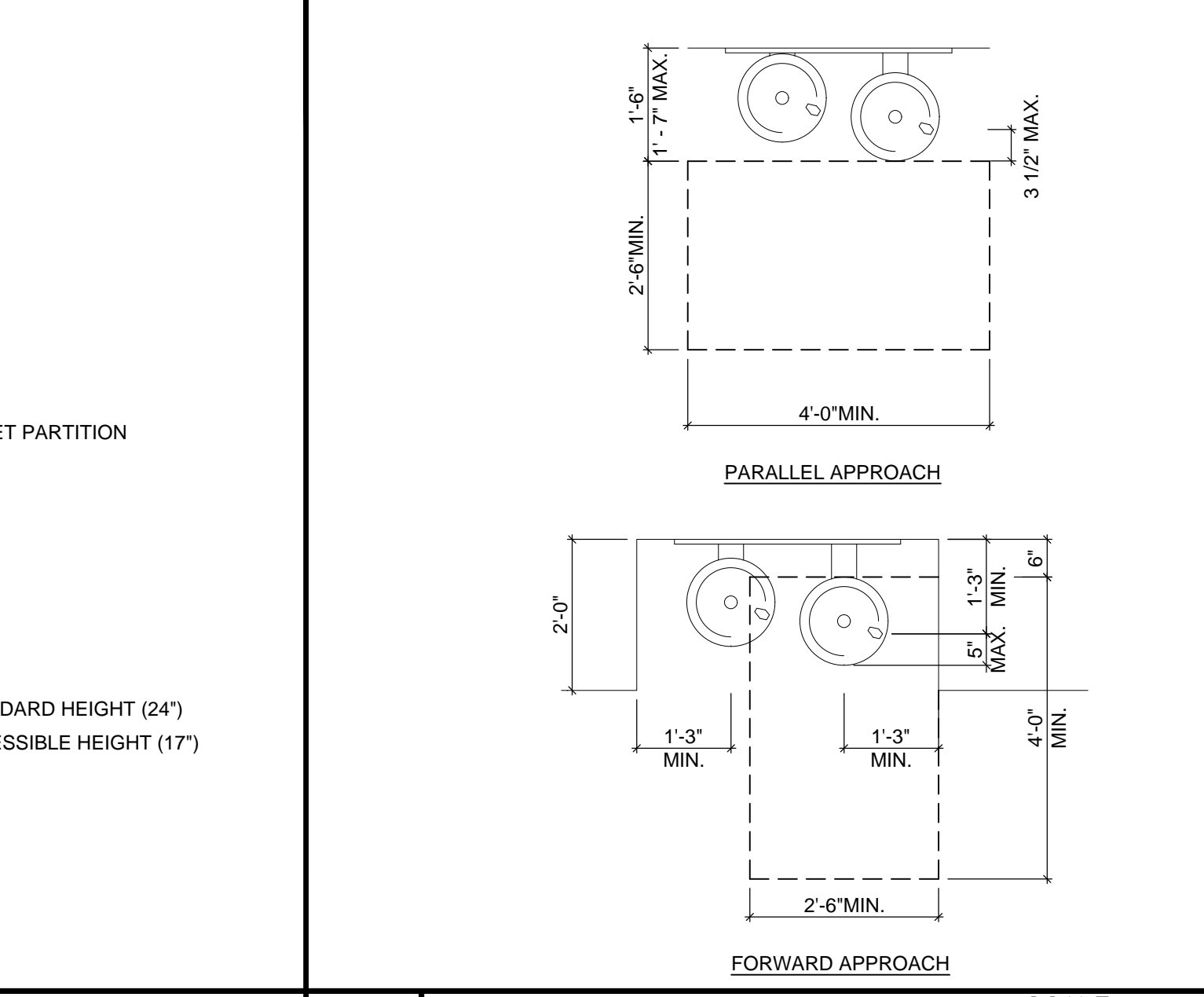
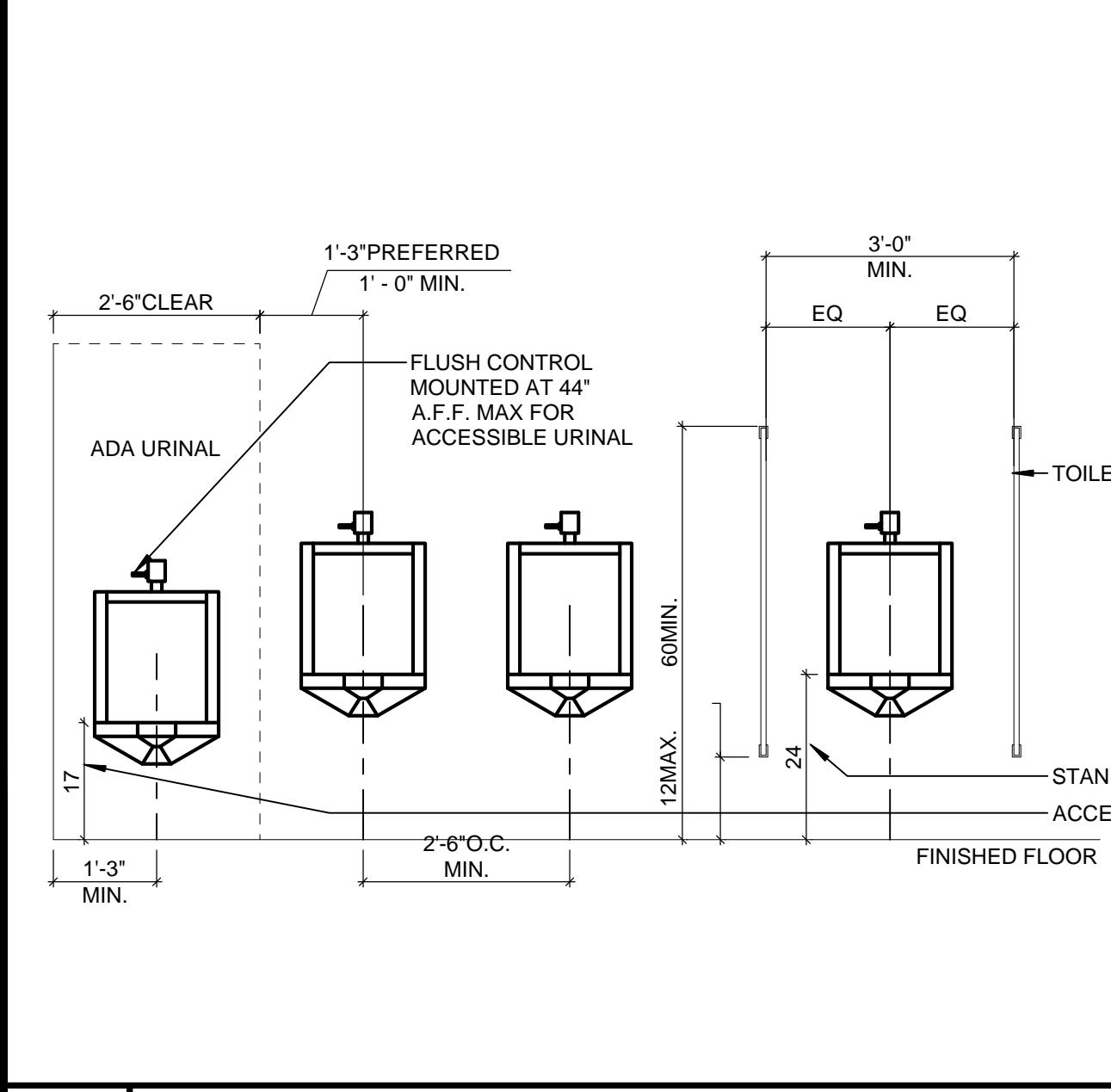
SCALE: 1/2" = 1'-0"



B1 RESTROOM HEIGHTS - SIDE

B2 RESTROOM HEIGHTS - FRONT

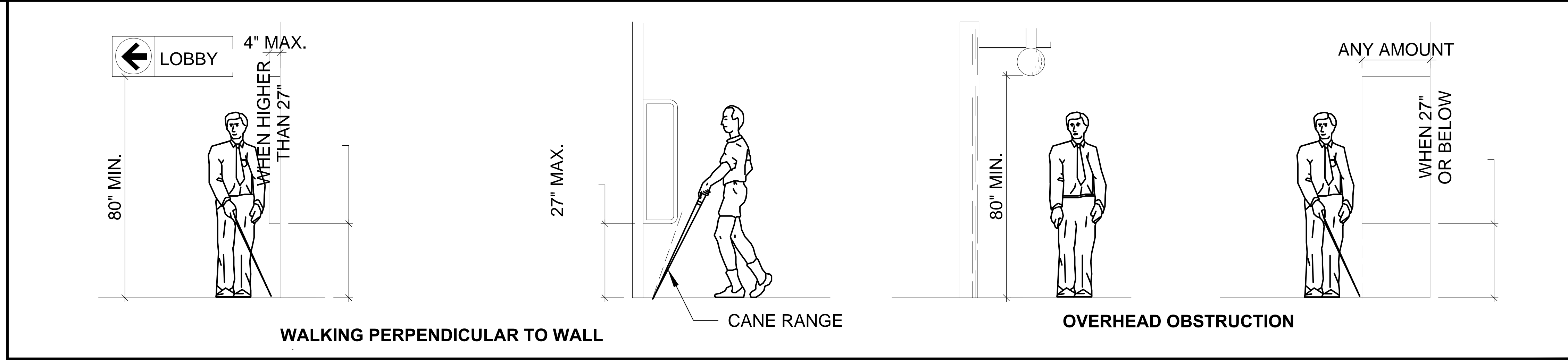
SCALE: 1/2" = 1'-0"



A1 ACCESSIBILITY - URINAL HEIGHTS

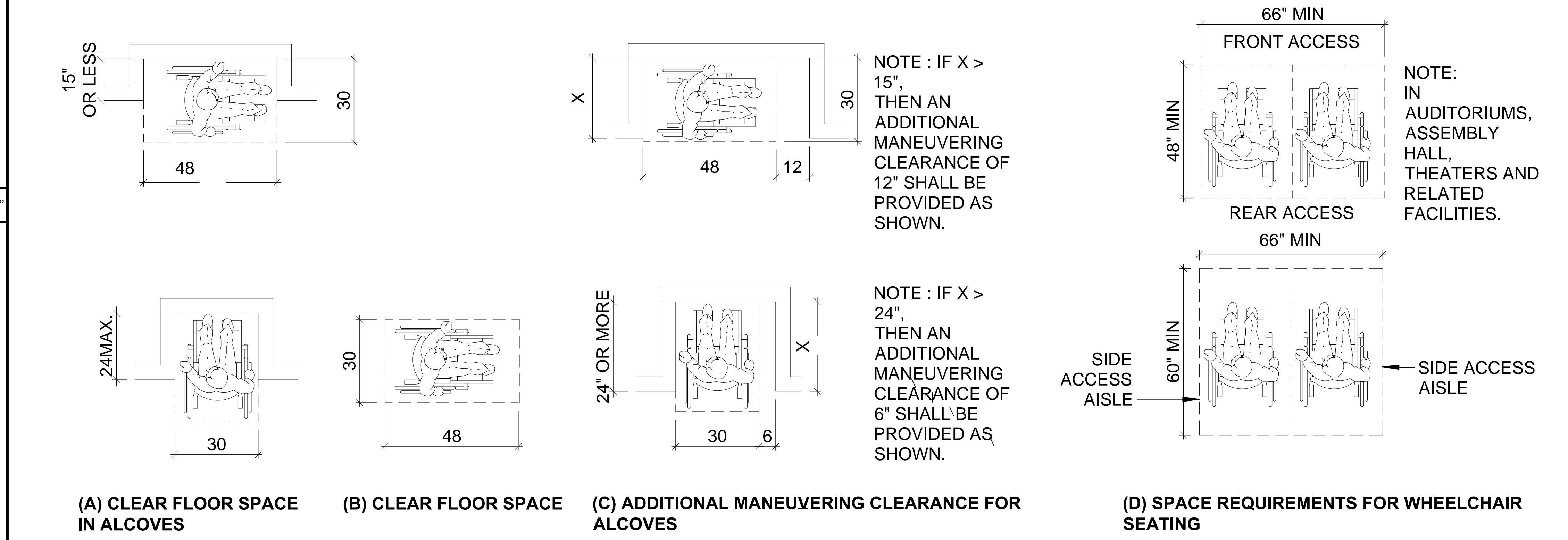
A2 DRINKING FOUNTAINS

SCALE: 1/2" = 1'-0"



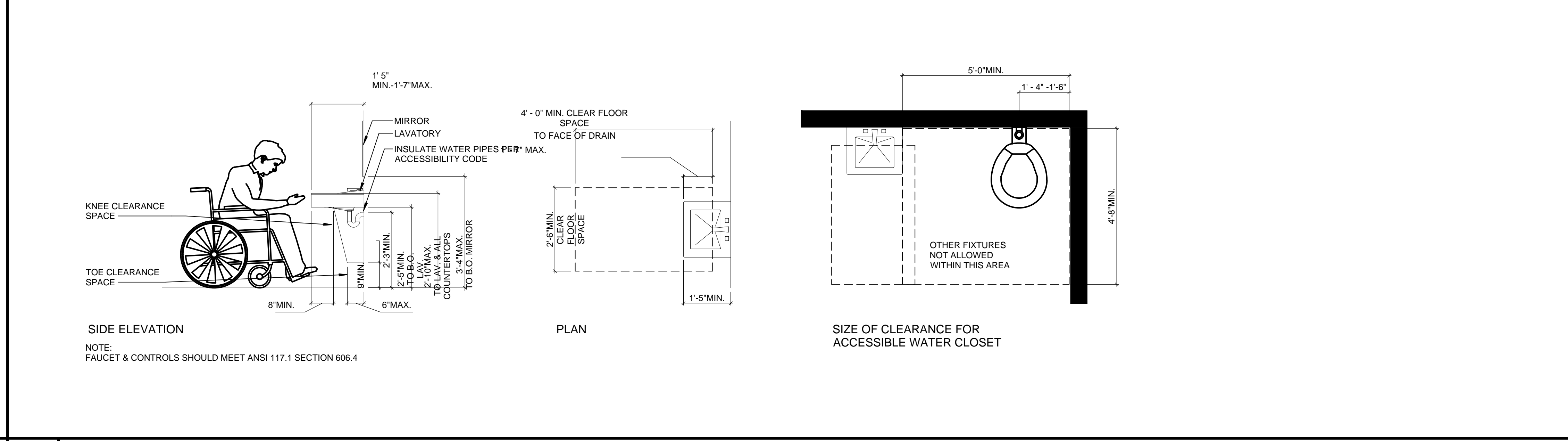
D3 ACCESSIBILITY - PROTRUDING OBJECTS

SCALE: 1/2" = 1'-0"



B3 ACCESSIBILITY - WHEELCHAIR FLOOR CLEARANCES

SCALE: 1/2" = 1'-0"



A1 ACCESSIBILITY - URINAL HEIGHTS

A2 DRINKING FOUNTAINS

SCALE: 1/2" = 1'-0"

A3 ACCESSIBILITY - LAVATORY

SCALE: 1/2" = 1'-0"

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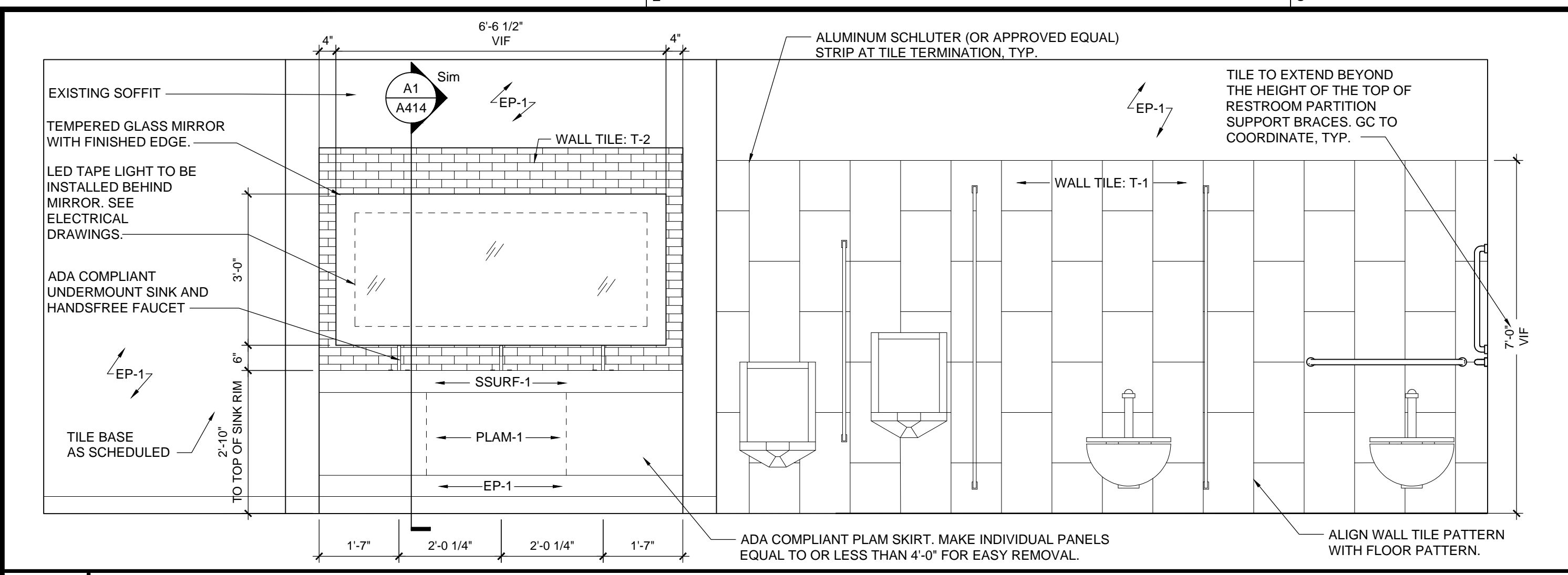
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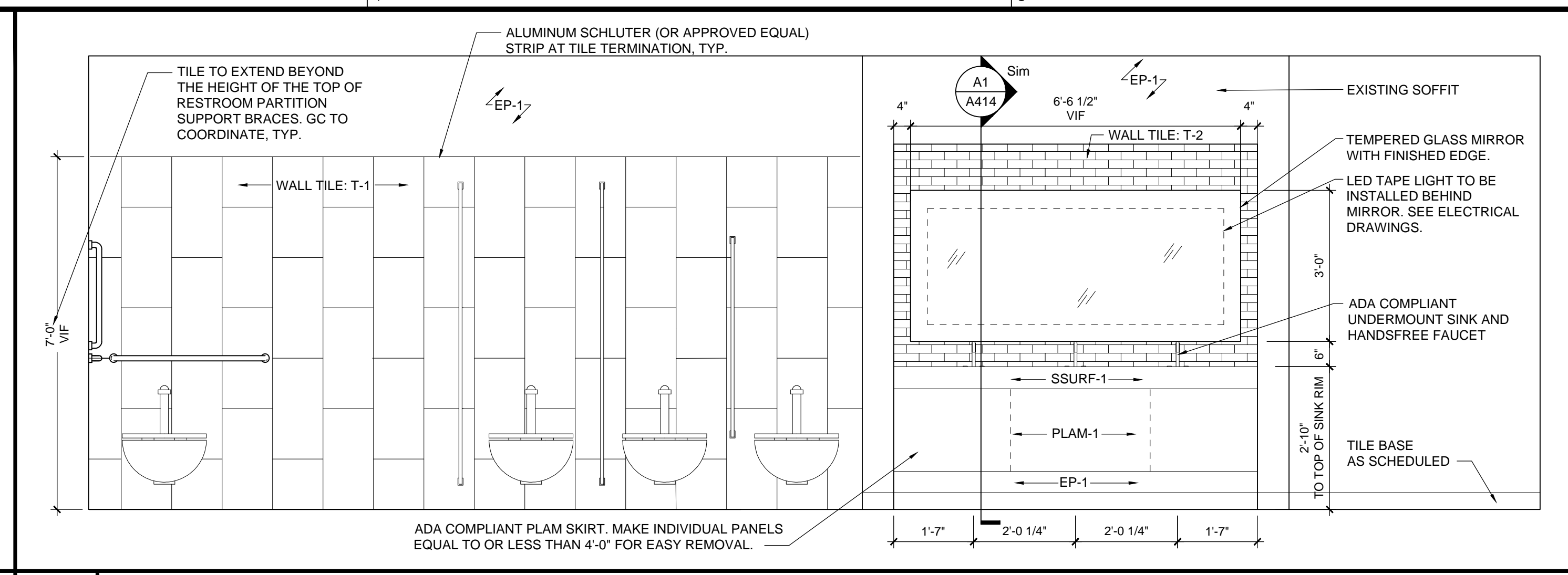
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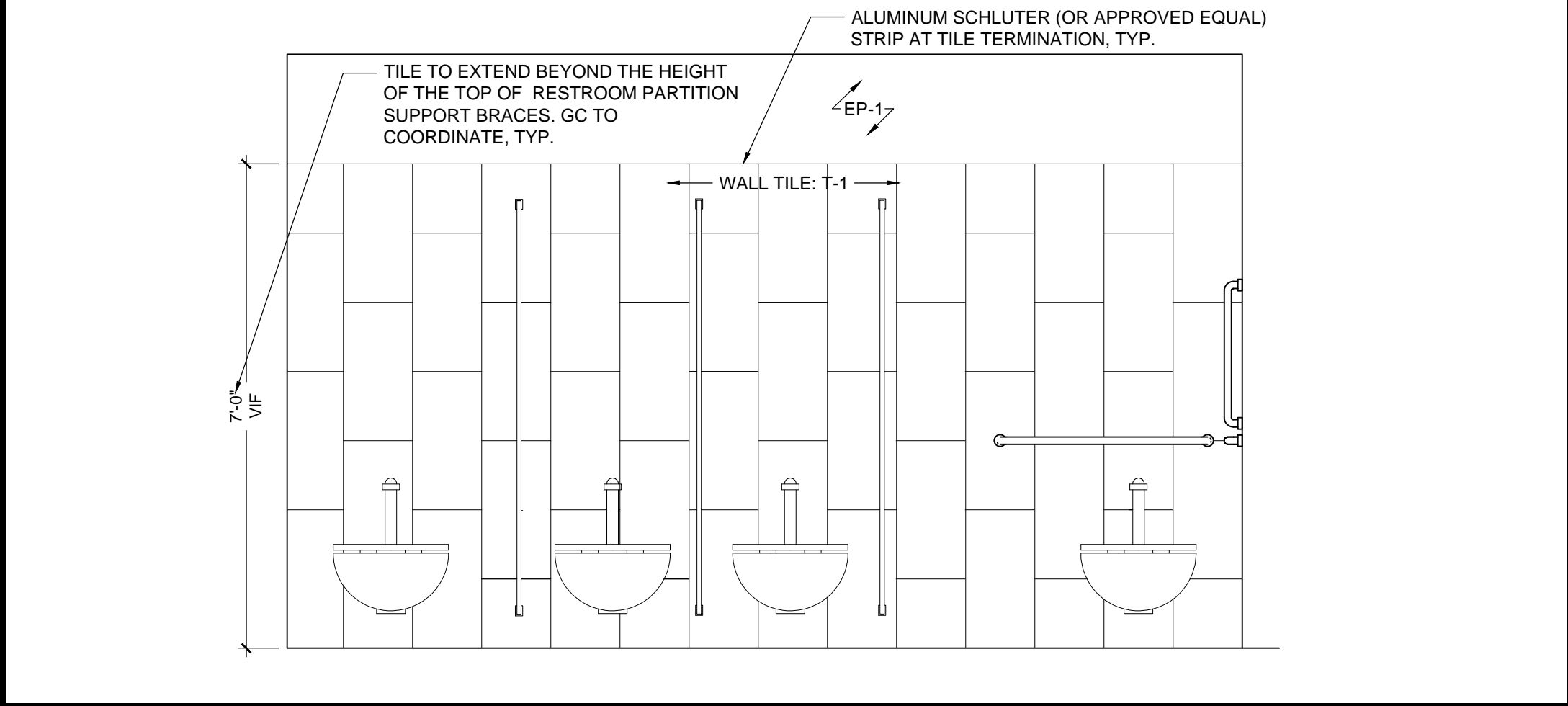
ADA ACCESSIBILITY & FIXTURE GUIDELINES
JOB CODE: NCAOCTR
DRAWING NUMBER
A411



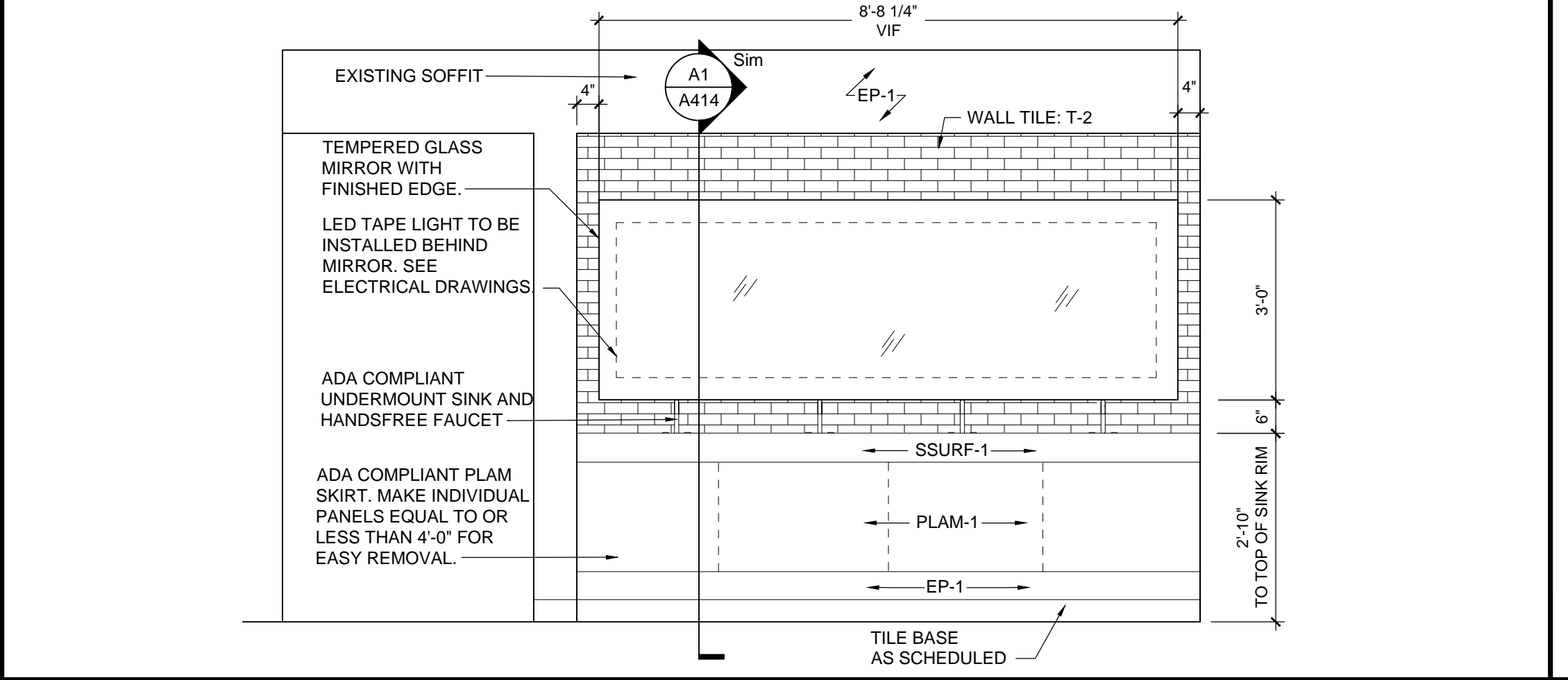
E1 MEN'S RESTROOM #A-1-063 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"



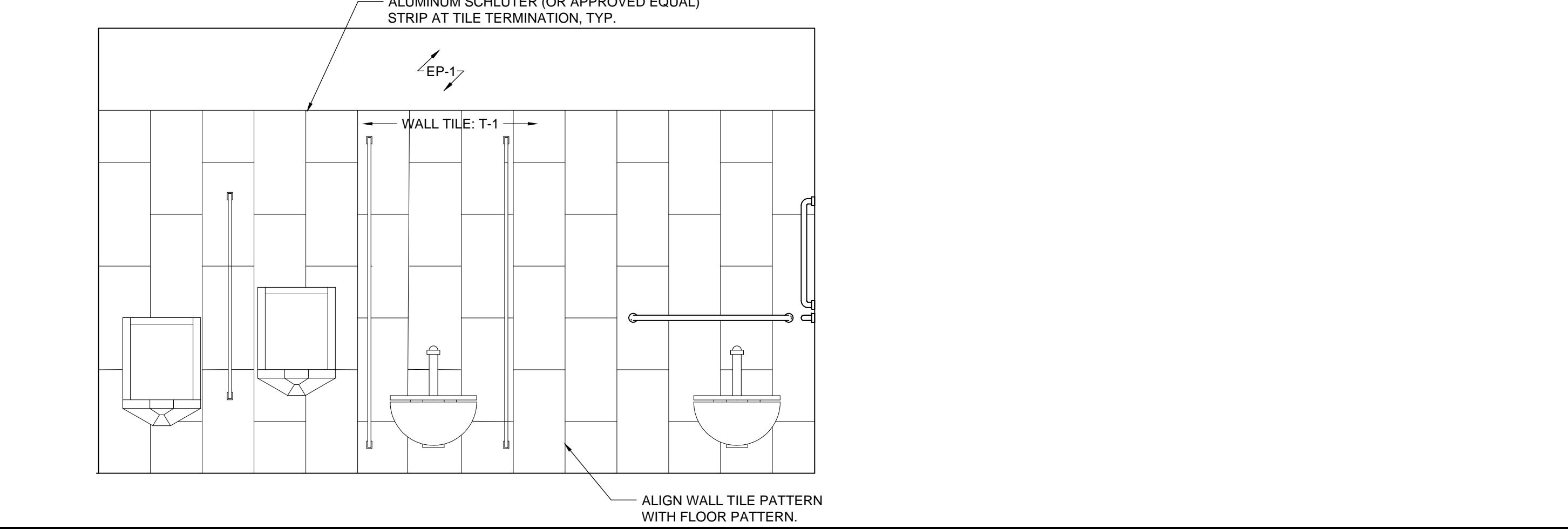
E3 WOMEN'S RESTROOM #A-1-064 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



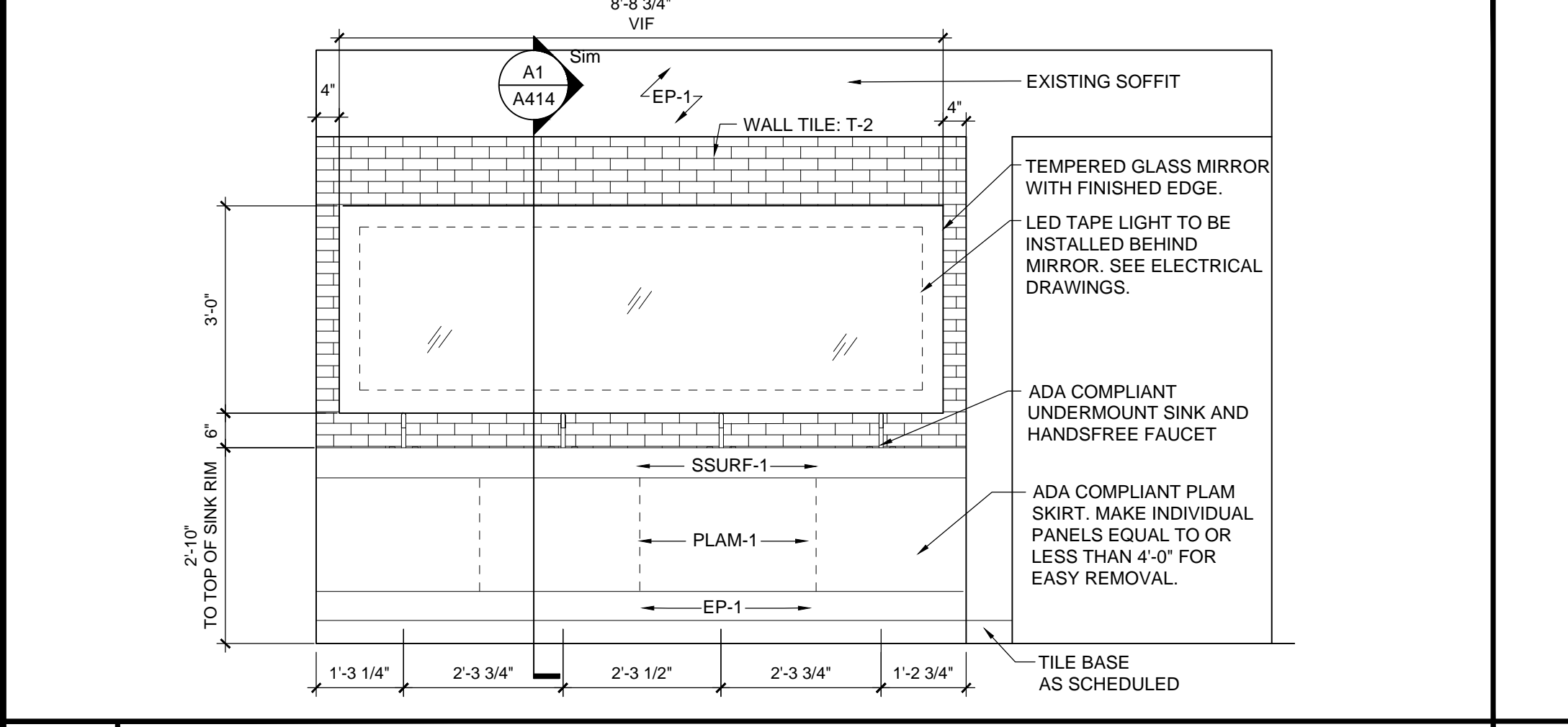
D1 WOMEN'S RESTROOM #B-1-018 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



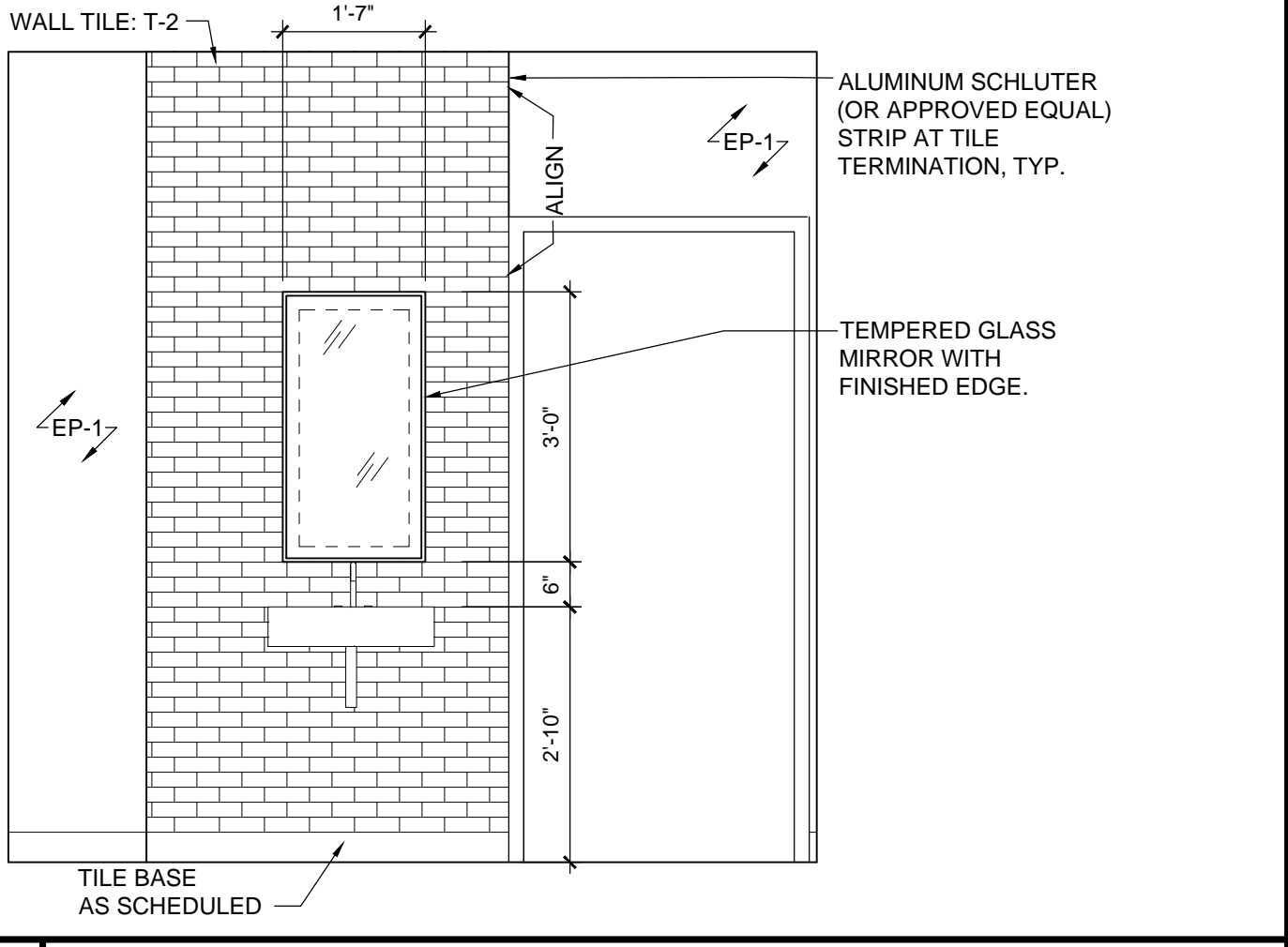
D2 WOMEN'S RESTROOM #B-1-018 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"



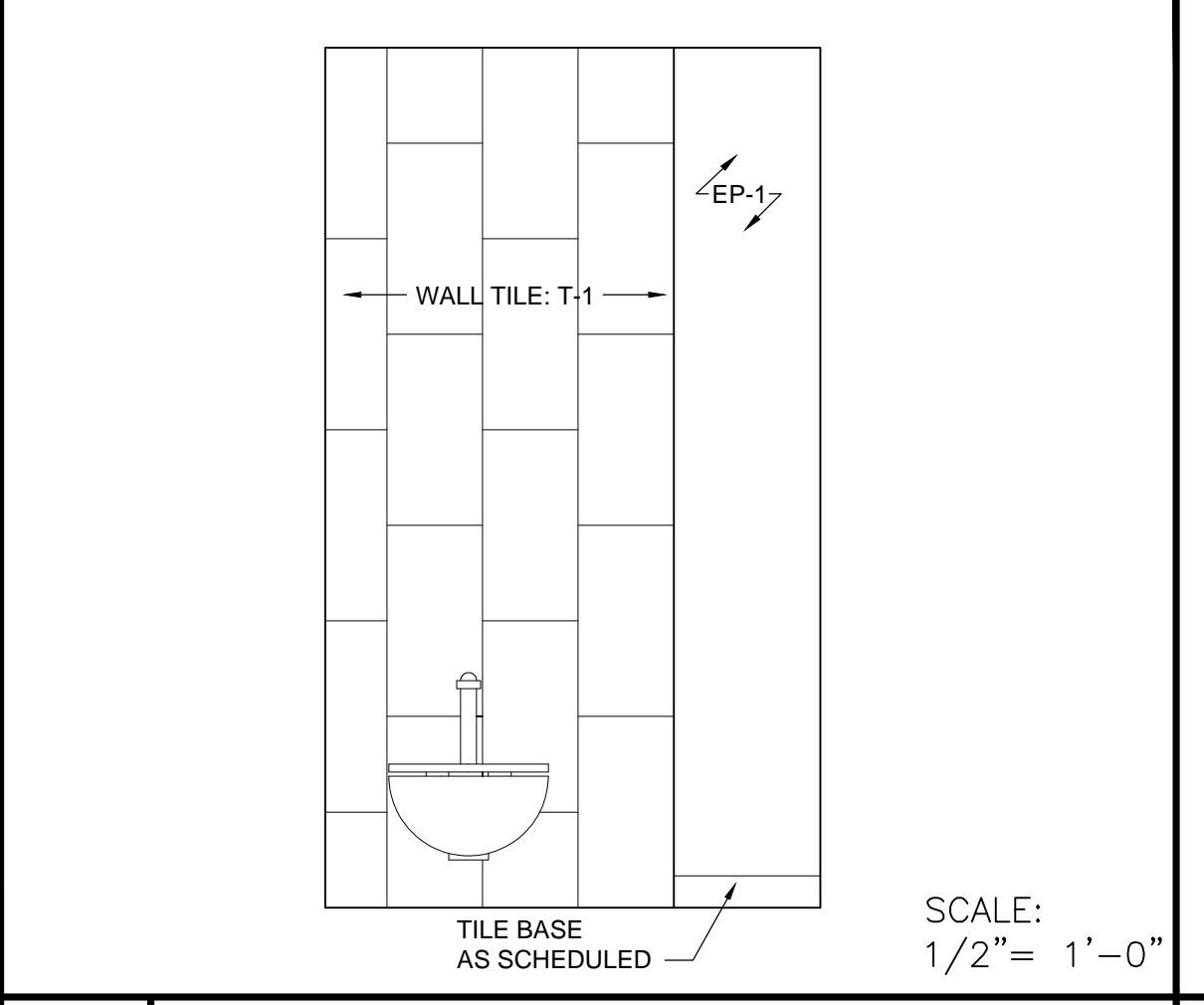
D4 MEN'S RESTROOM #B-1-017 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"



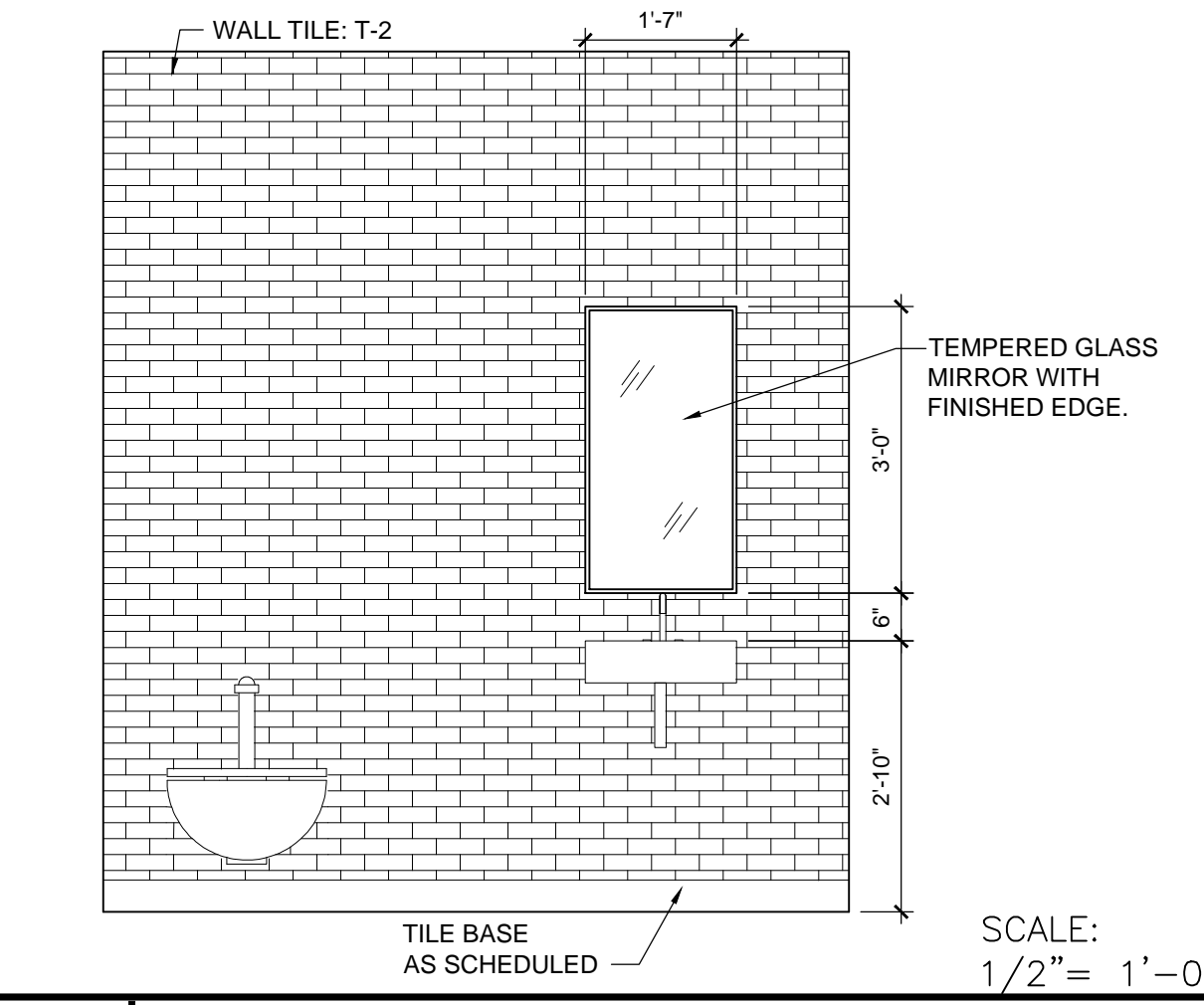
C1 MEN'S RESTROOM #B-1-017 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



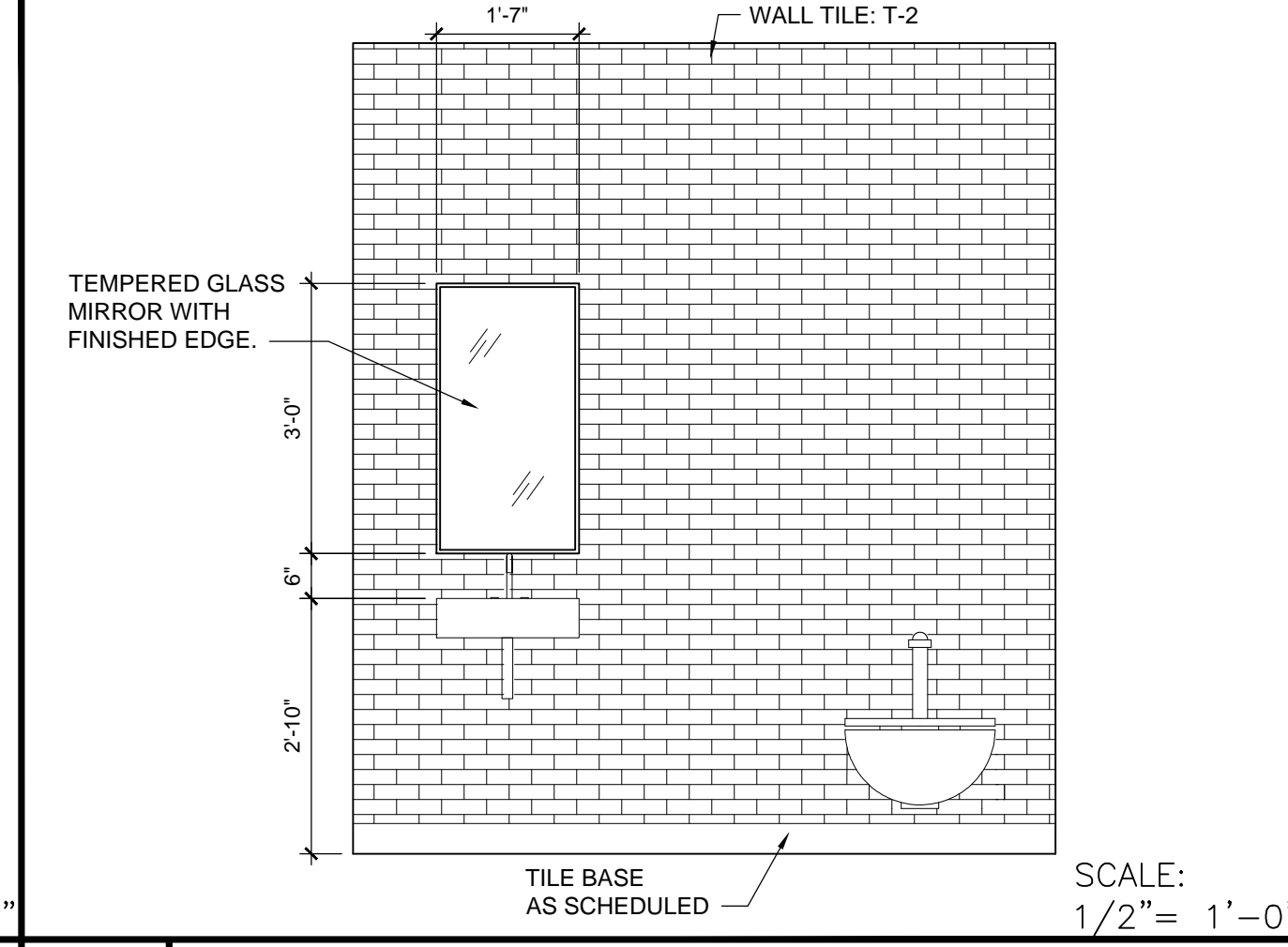
C2 RESTROOM #B-1-003 - ELEVATION
SCALE: 1/2" = 1'-0"



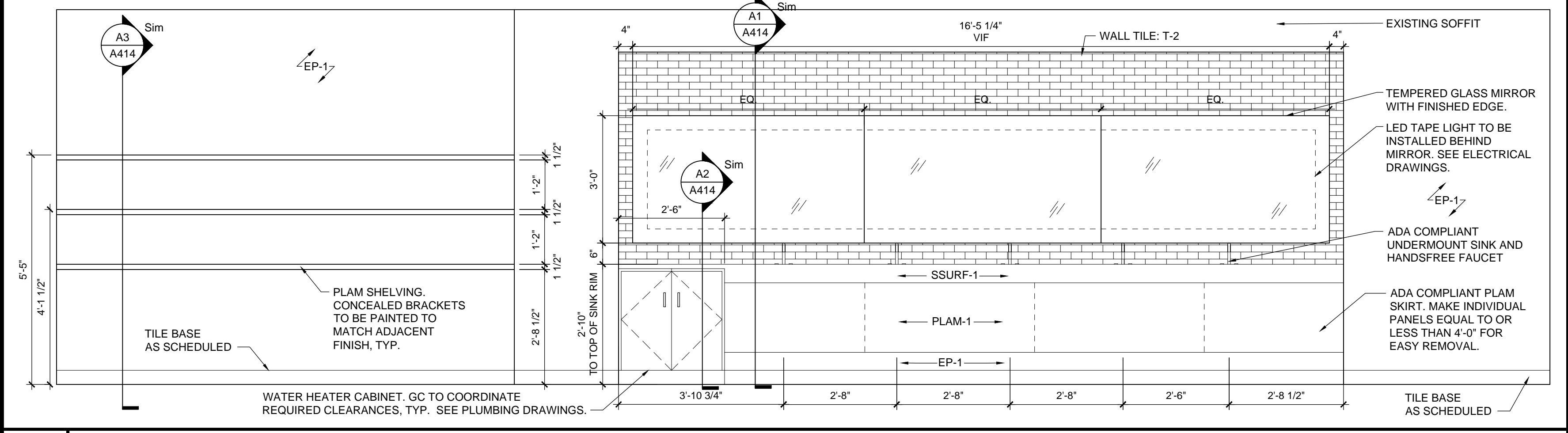
C4 RESTROOM #B-1-003 - ELEVATION
SCALE: 1/2" = 1'-0"



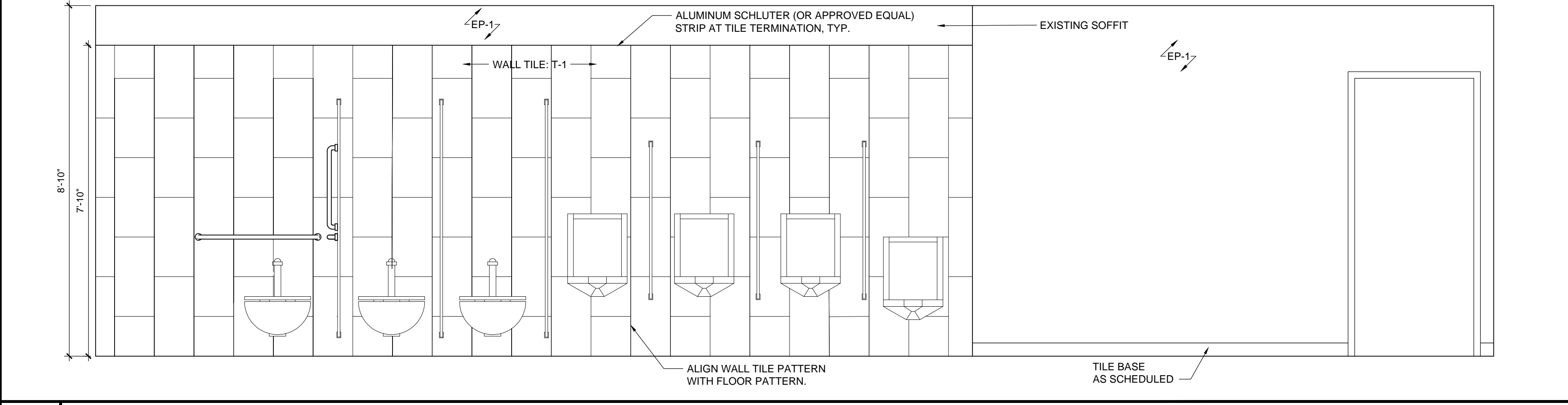
C5 RESTROOM #W-1-005 - ELEVATION
SCALE: 1/2" = 1'-0"



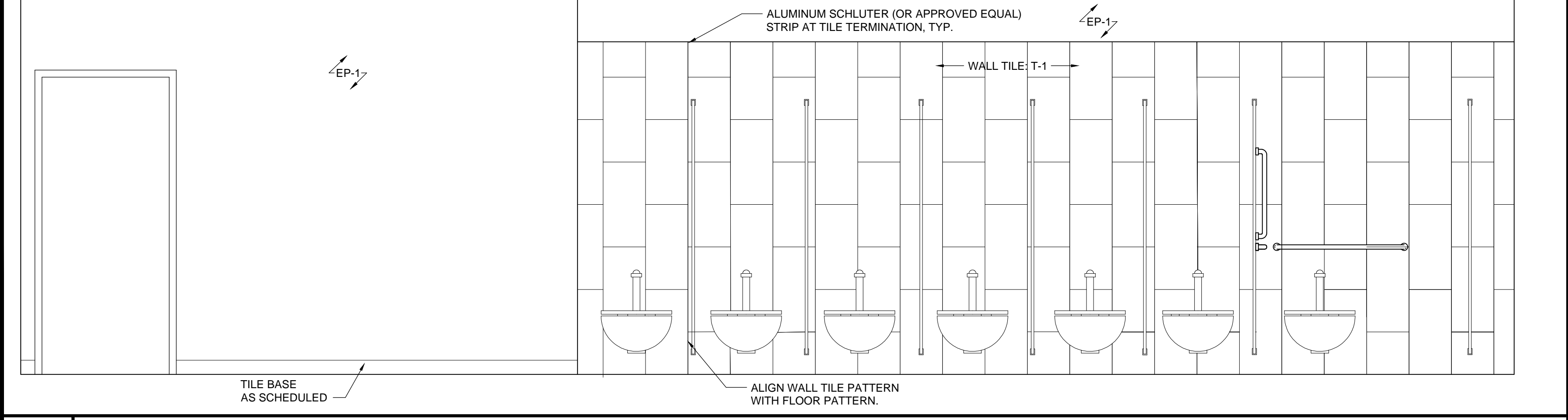
C6 RESTROOM #W-1-006 - ELEVATION
SCALE: 1/2" = 1'-0"



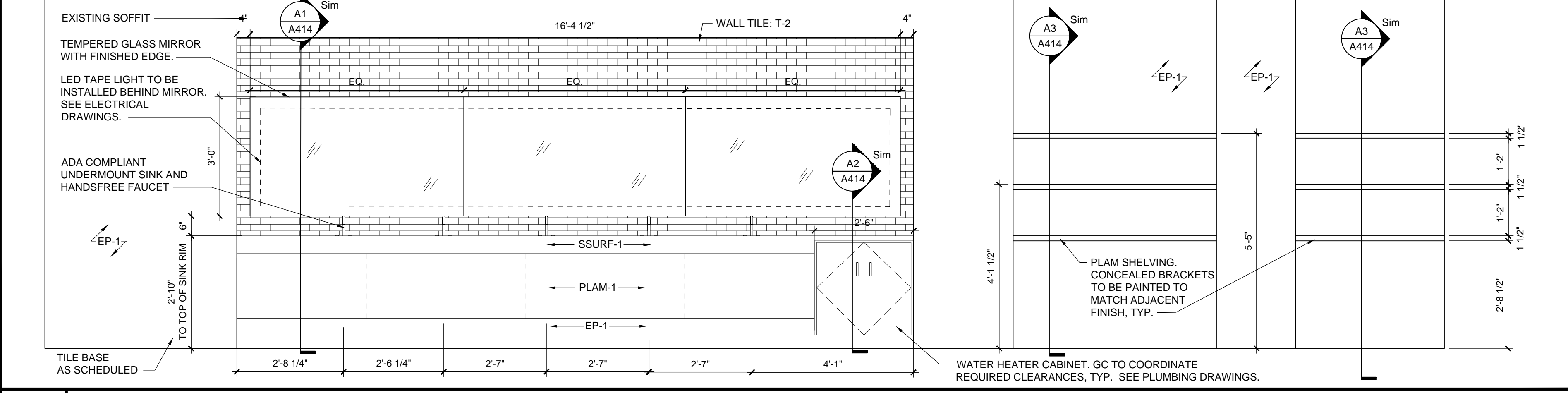
B1 MEN'S RESTROOM #C-1-035 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"



B4 MEN'S RESTROOM #C-1-035 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



A1 WOMEN'S RESTROOM #C-1-034 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



A4 WOMEN'S RESTROOM #C-1-034 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"

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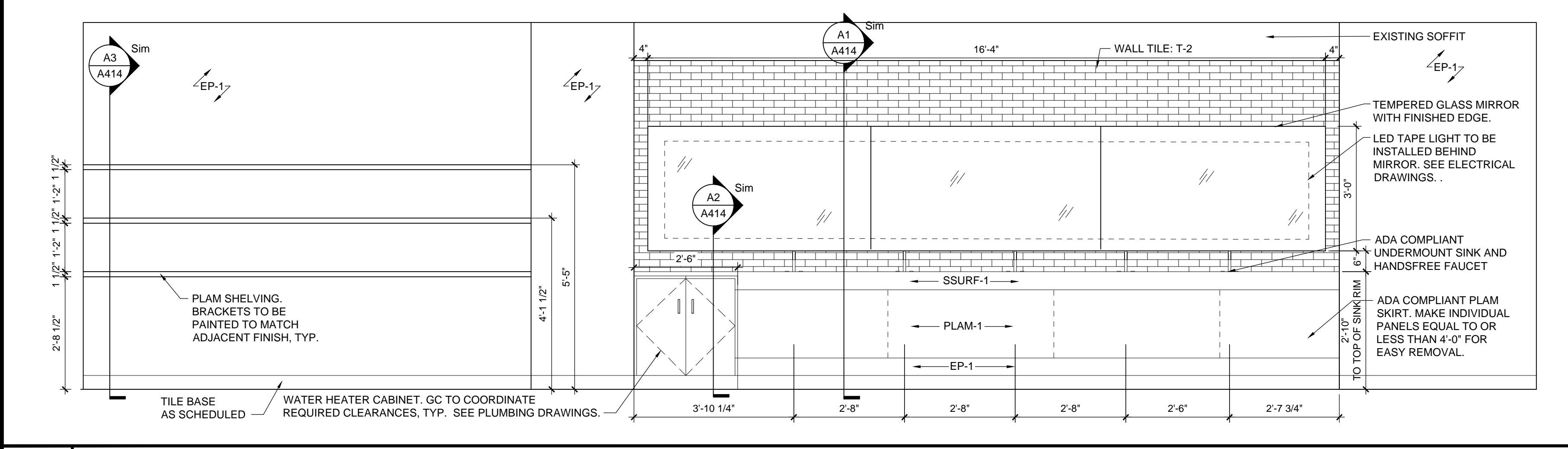
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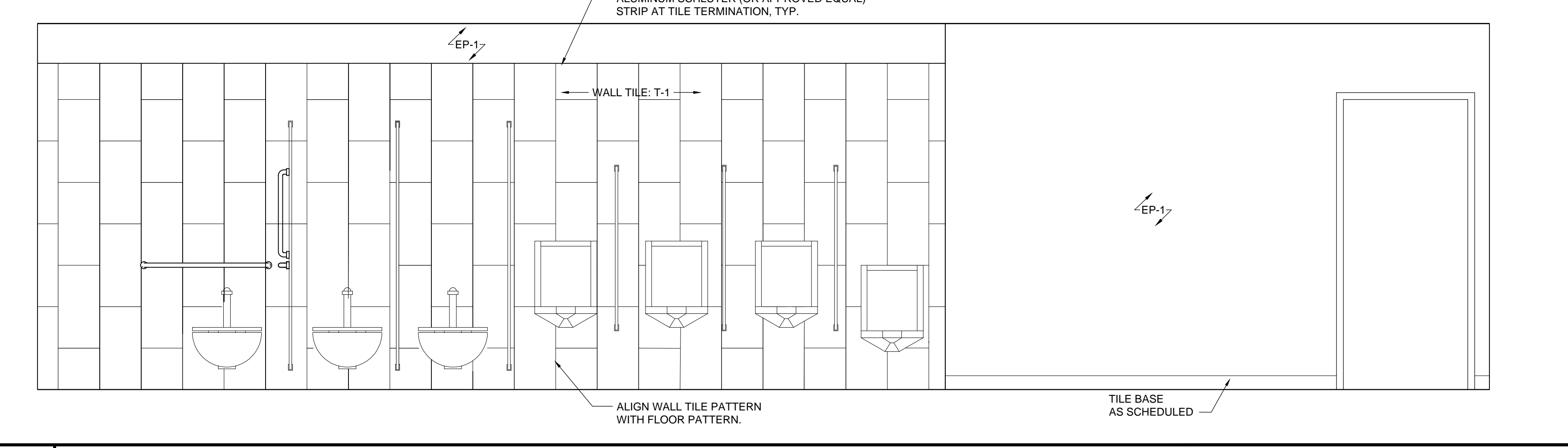
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RESTROOM ELEVATIONS

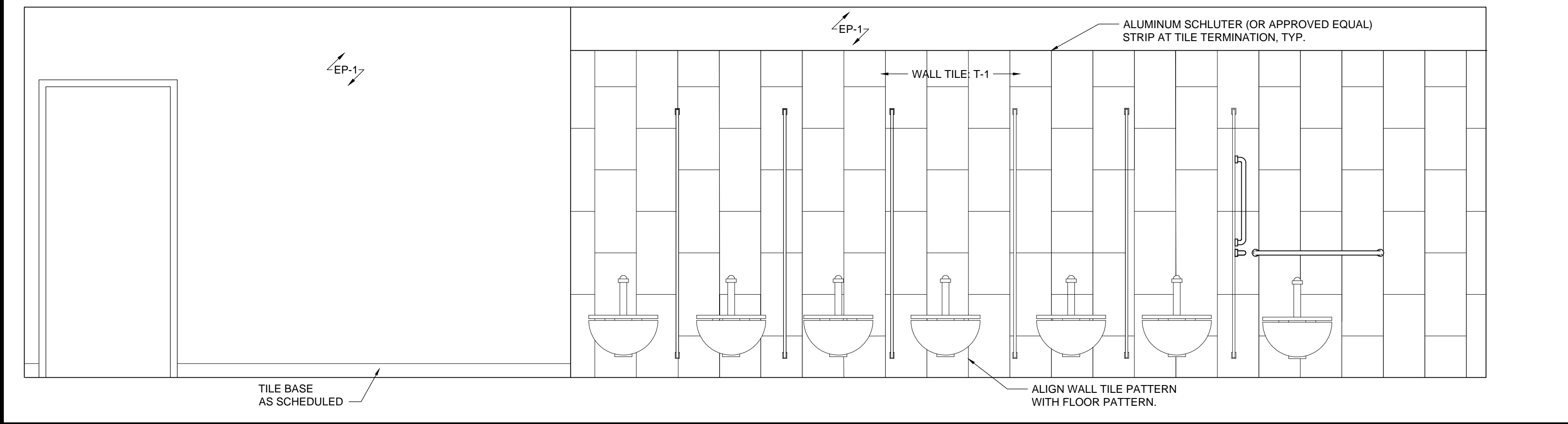
JOB CODE: NCAOCTR
DRAWING NUMBER
A412



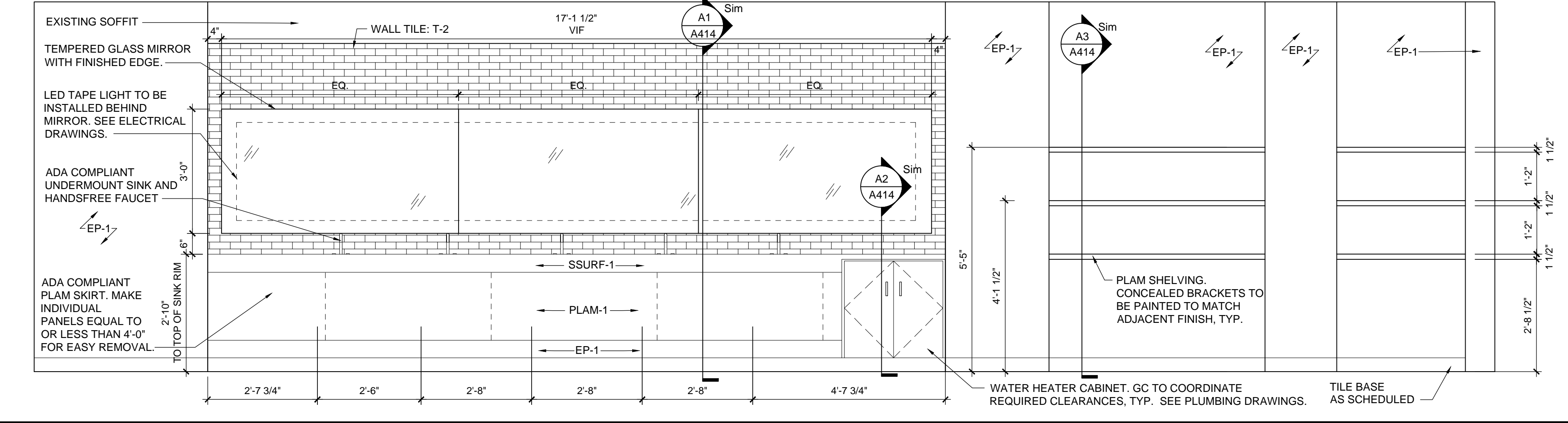
E1 MEN'S RESTROOM #C-LL-033 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



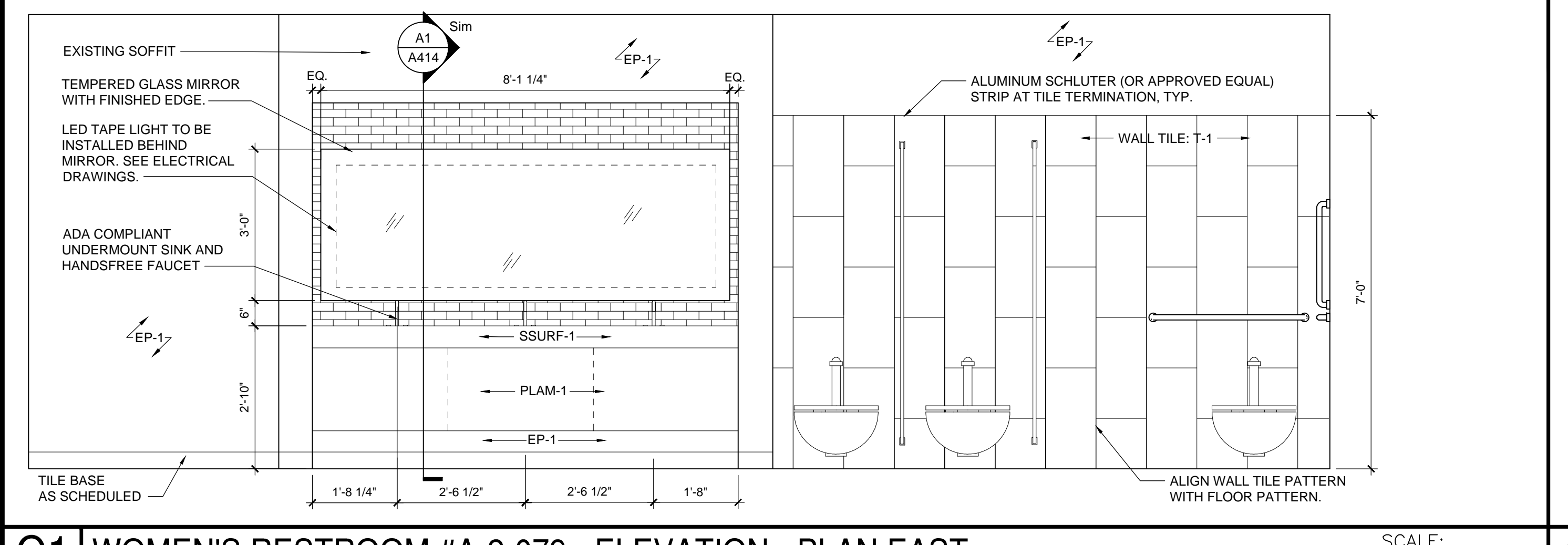
E4 MEN'S RESTROOM #C-LL-033 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



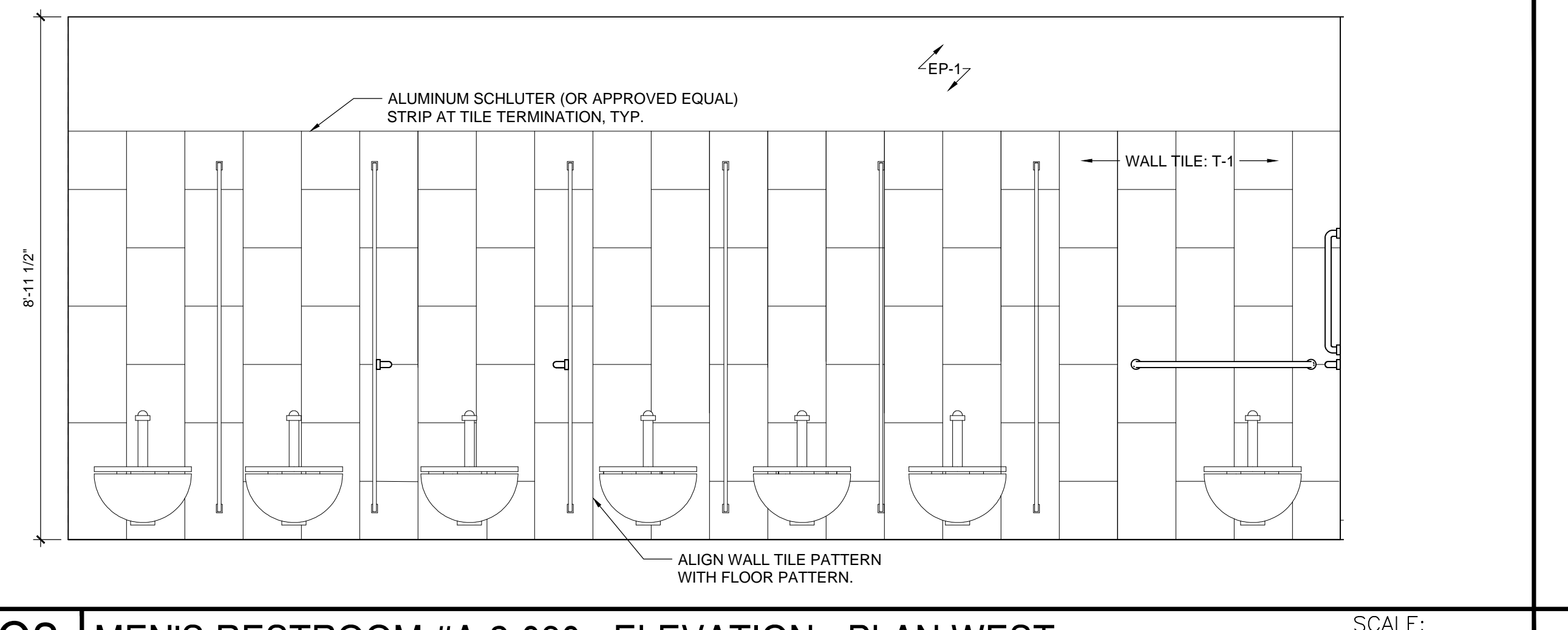
D1 WOMEN'S RESTROOM #C-LL-032 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



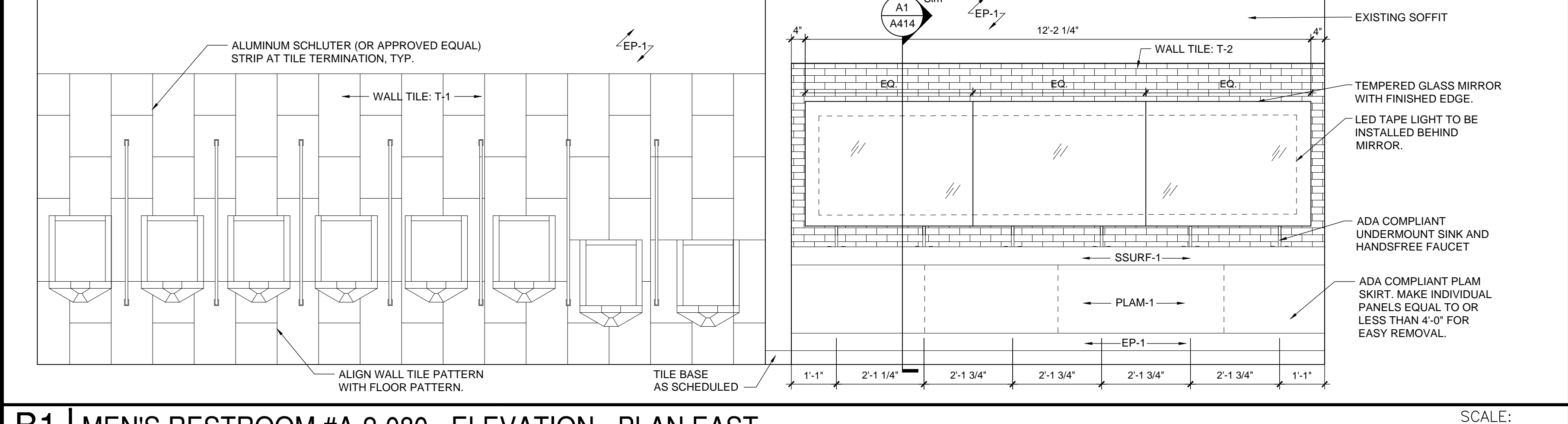
D4 WOMEN'S RESTROOM #C-LL-032 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



C1 WOMEN'S RESTROOM #A-2-079 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"



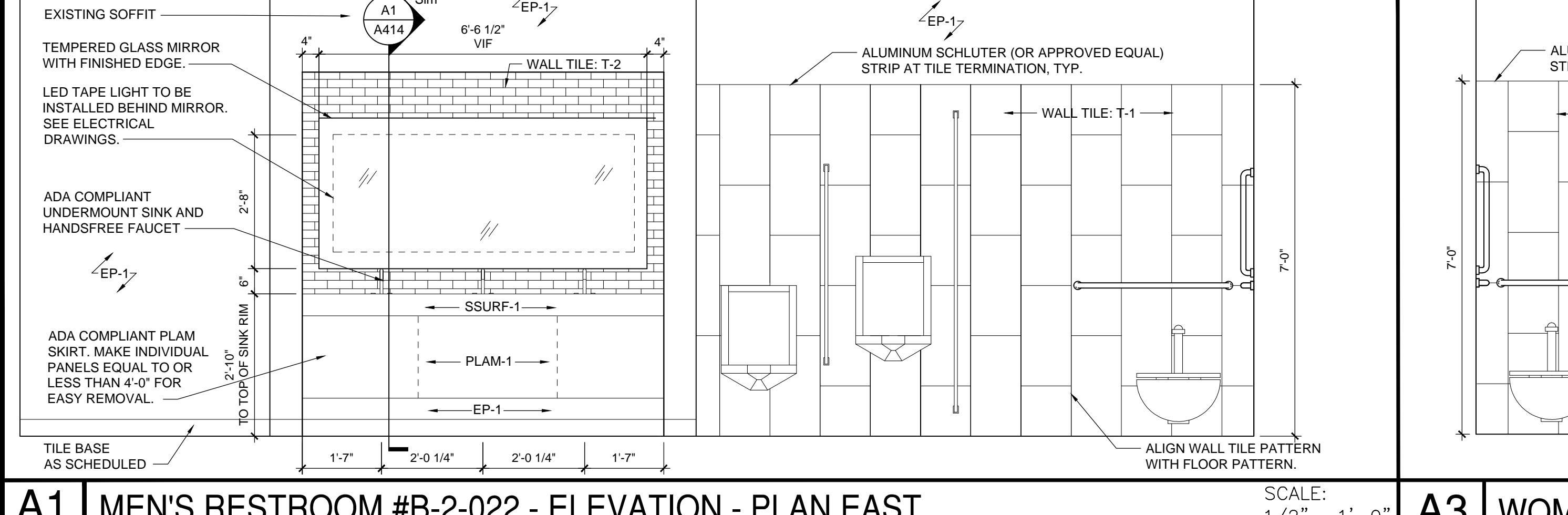
C3 MEN'S RESTROOM #A-2-080 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



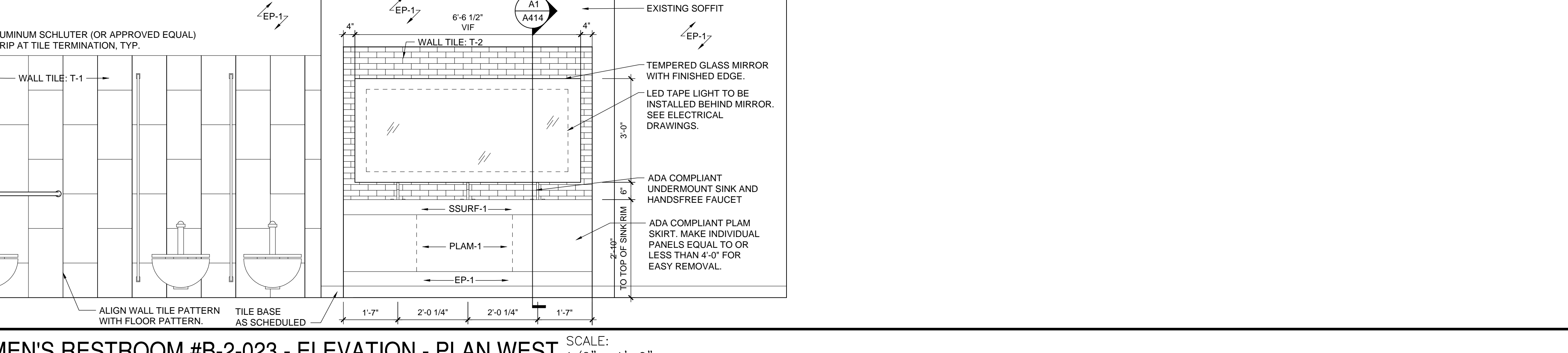
B1 MEN'S RESTROOM #A-2-080 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"



A1 MEN'S RESTROOM #B-2-022 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"



A3 WOMEN'S RESTROOM #B-2-023 - ELEVATION - PLAN WEST
SCALE: 1/2" = 1'-0"



A1 MEN'S RESTROOM #B-2-022 - ELEVATION - PLAN EAST
SCALE: 1/2" = 1'-0"

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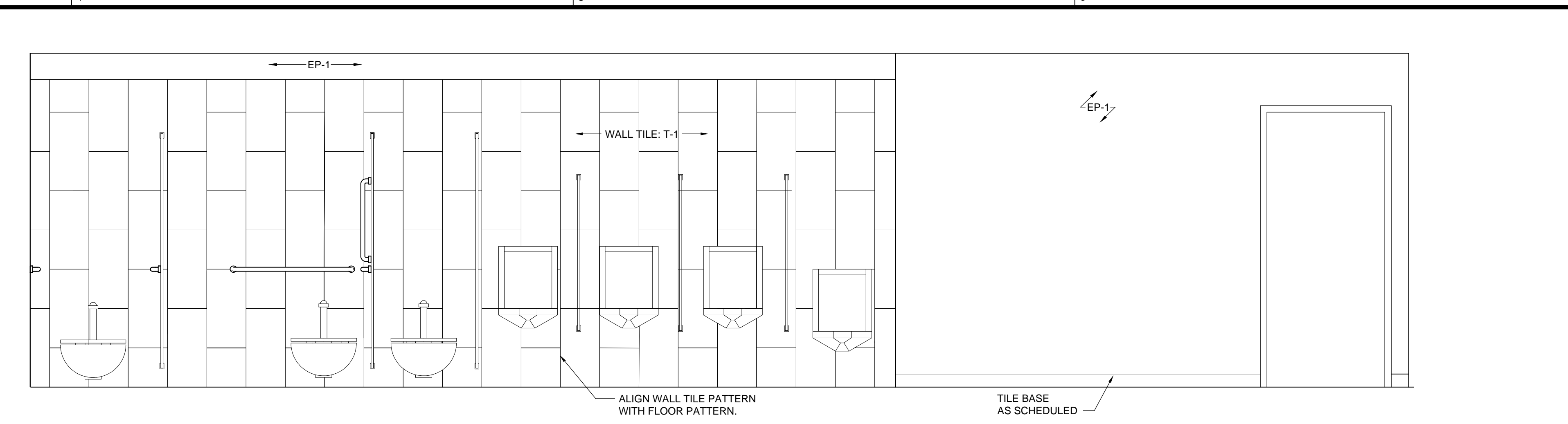
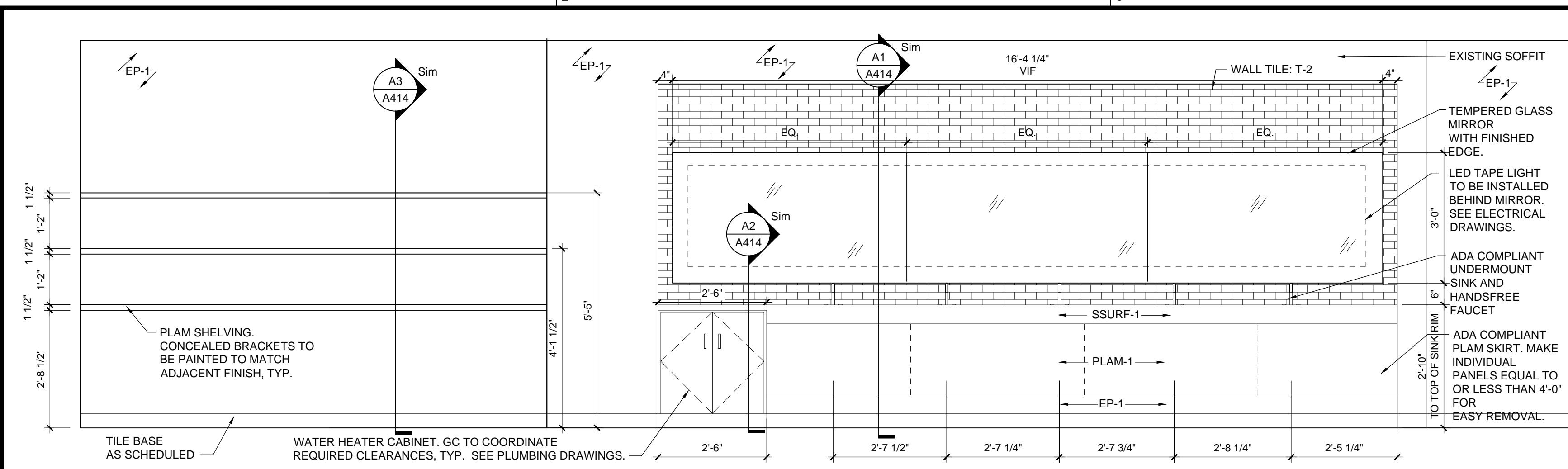
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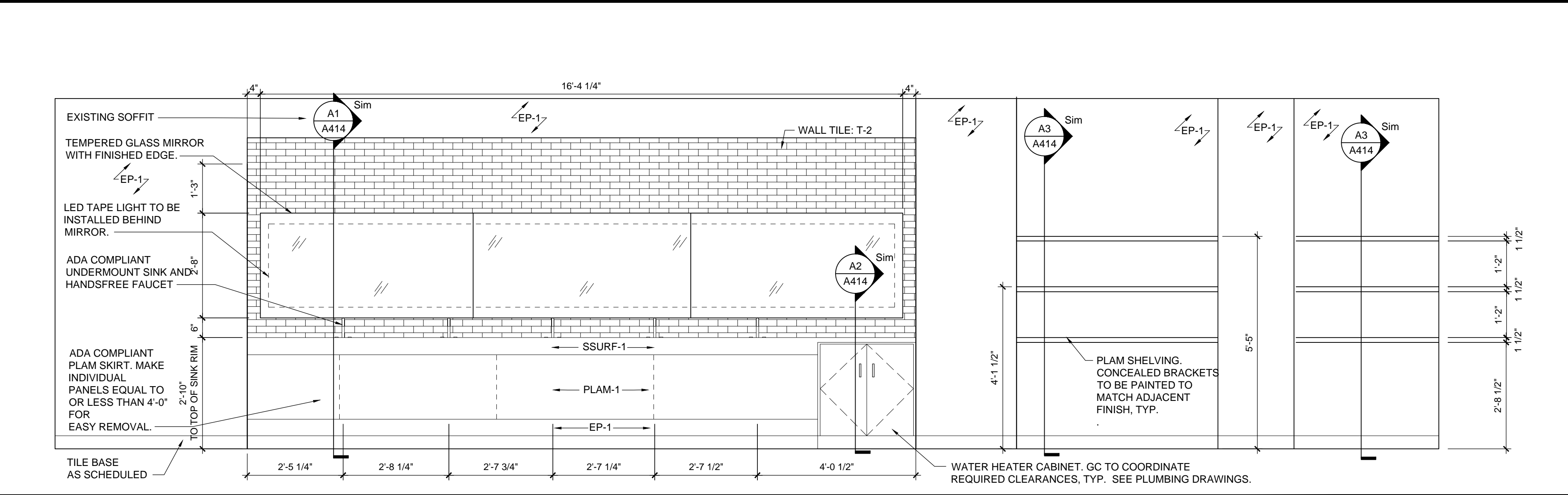
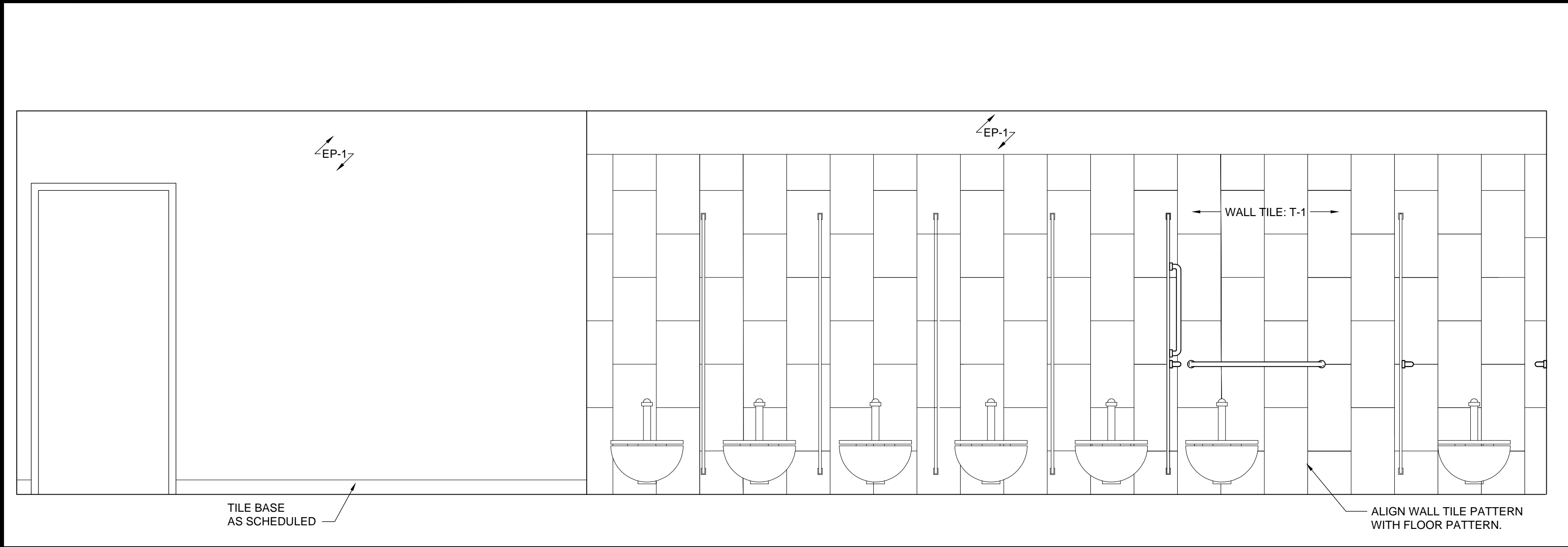
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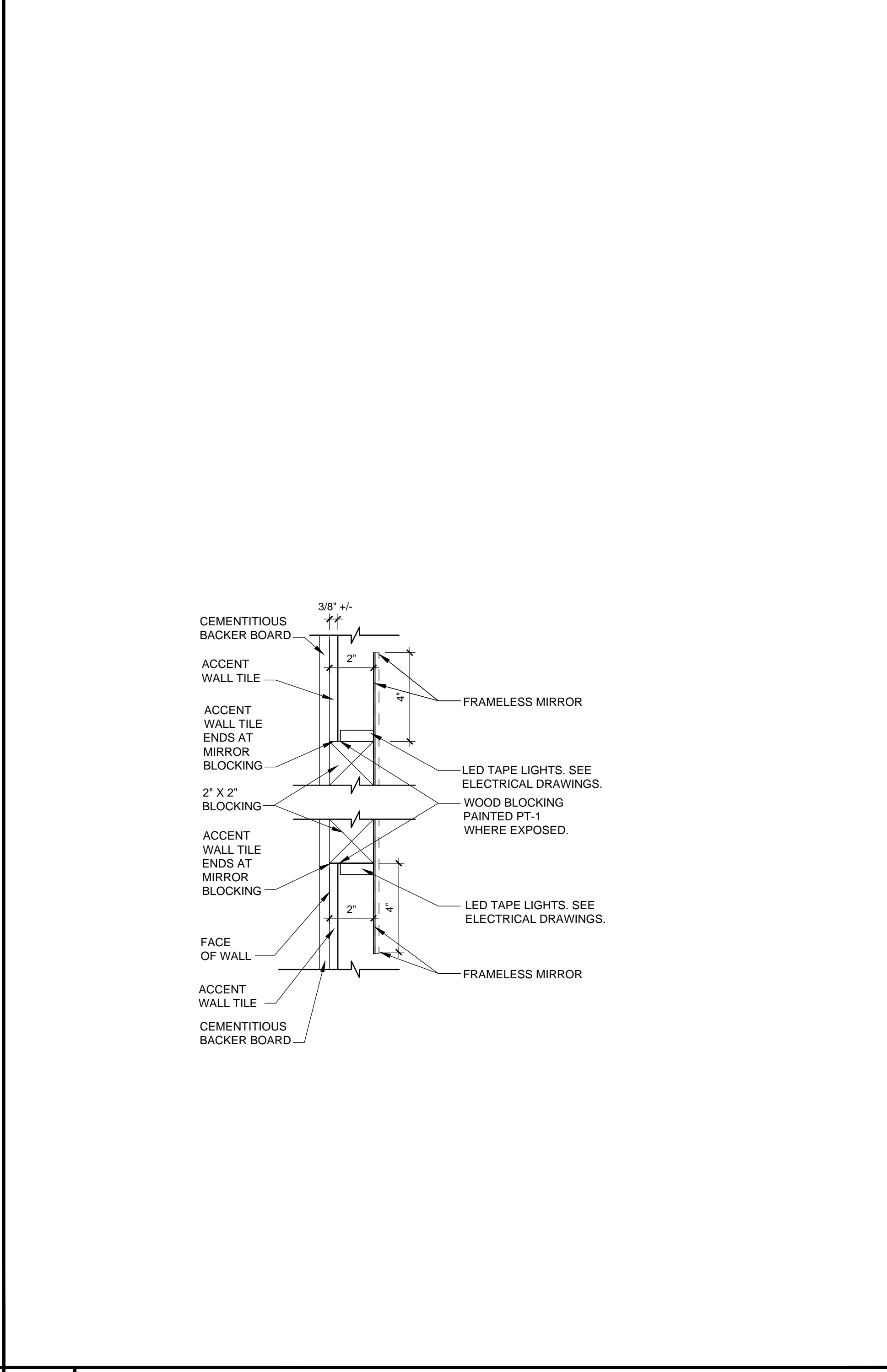
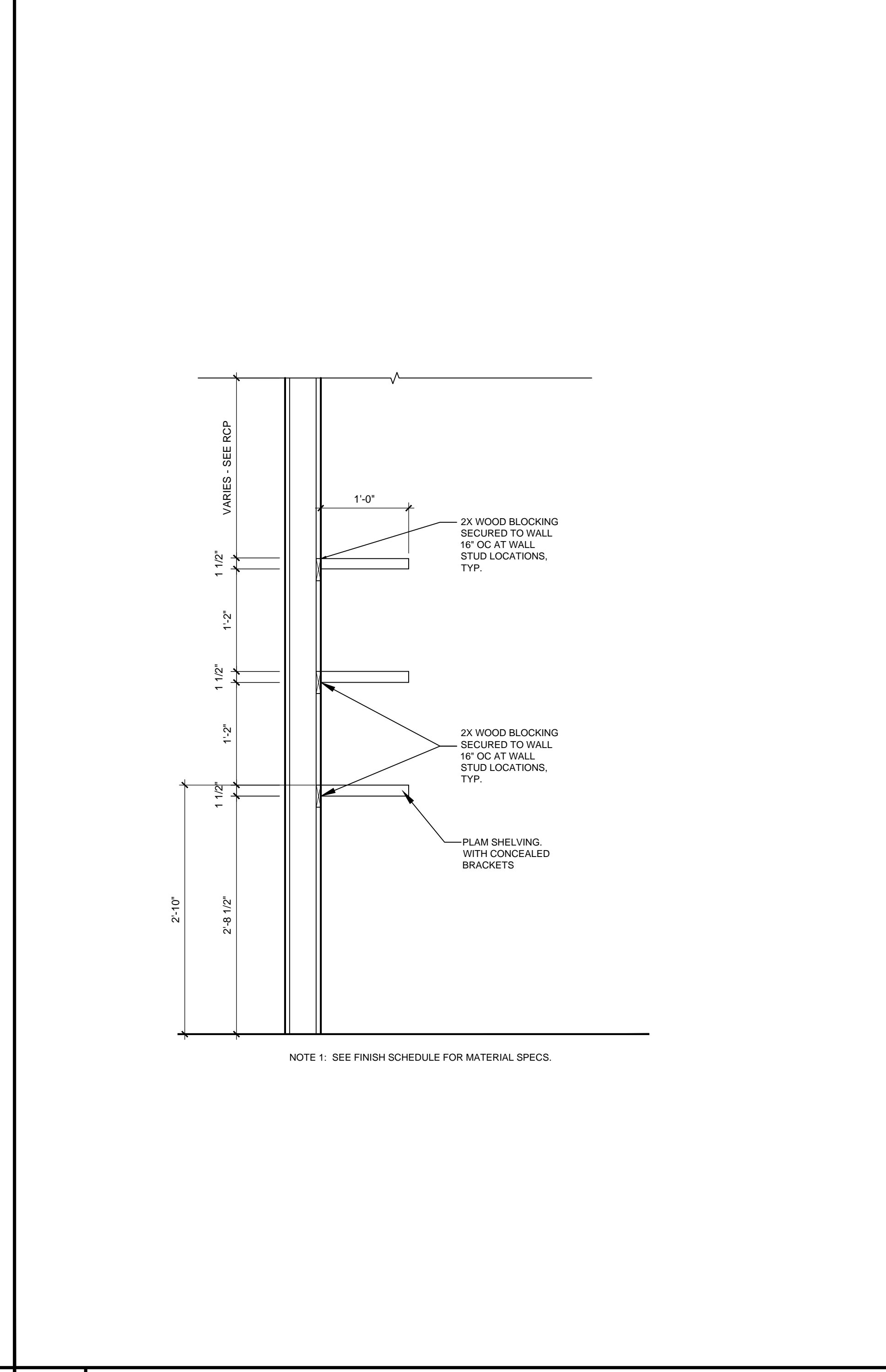
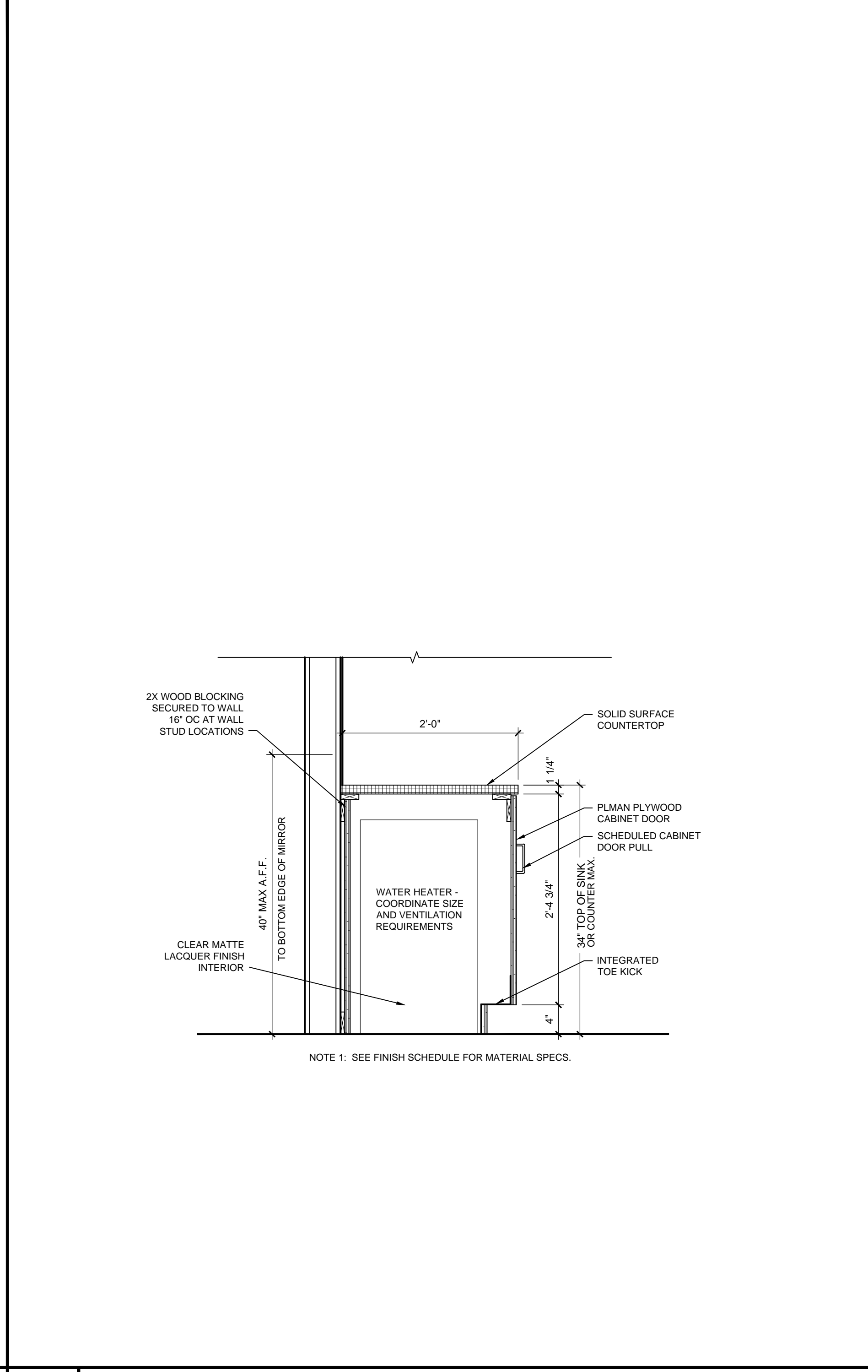
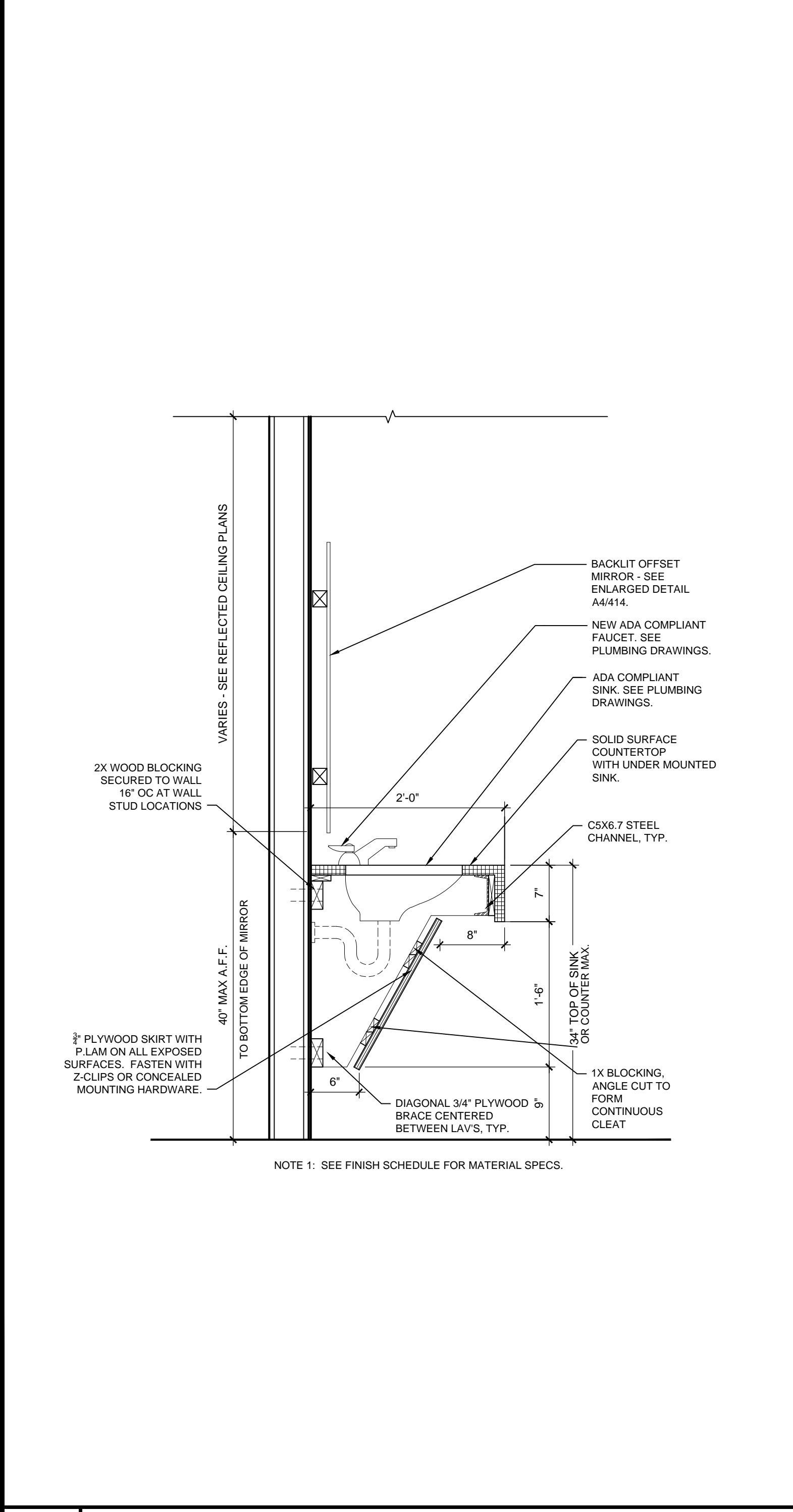
E1 MEN'S RESTROOM #C-2-031 - ELEVATION - PLAN WEST SCALE: 1/2" = 1'-0"

E4 MEN'S RESTROOM #C-2-031 - ELEVATION - PLAN EAST SCALE: 1/2" = 1'-0"



D1 WOMEN'S RESTROOM #C-2-030 - ELEVATION - PLAN WEST SCALE: 1/2" = 1'-0"

D4 WOMEN'S RESTROOM #C-2-030 - ELEVATION - PLAN EAST SCALE: 1/2" = 1'-0"



A1 SECTION AT SINK SCALE: 1" = 1'-0"

A2 SECTION AT CABINET SCALE: 1" = 1'-0"

A3 SECTION AT SHELVING SCALE: 1" = 1'-0"

A4 BACKLIT MIRROR DETAIL SCALE: 3" = 1'-0"

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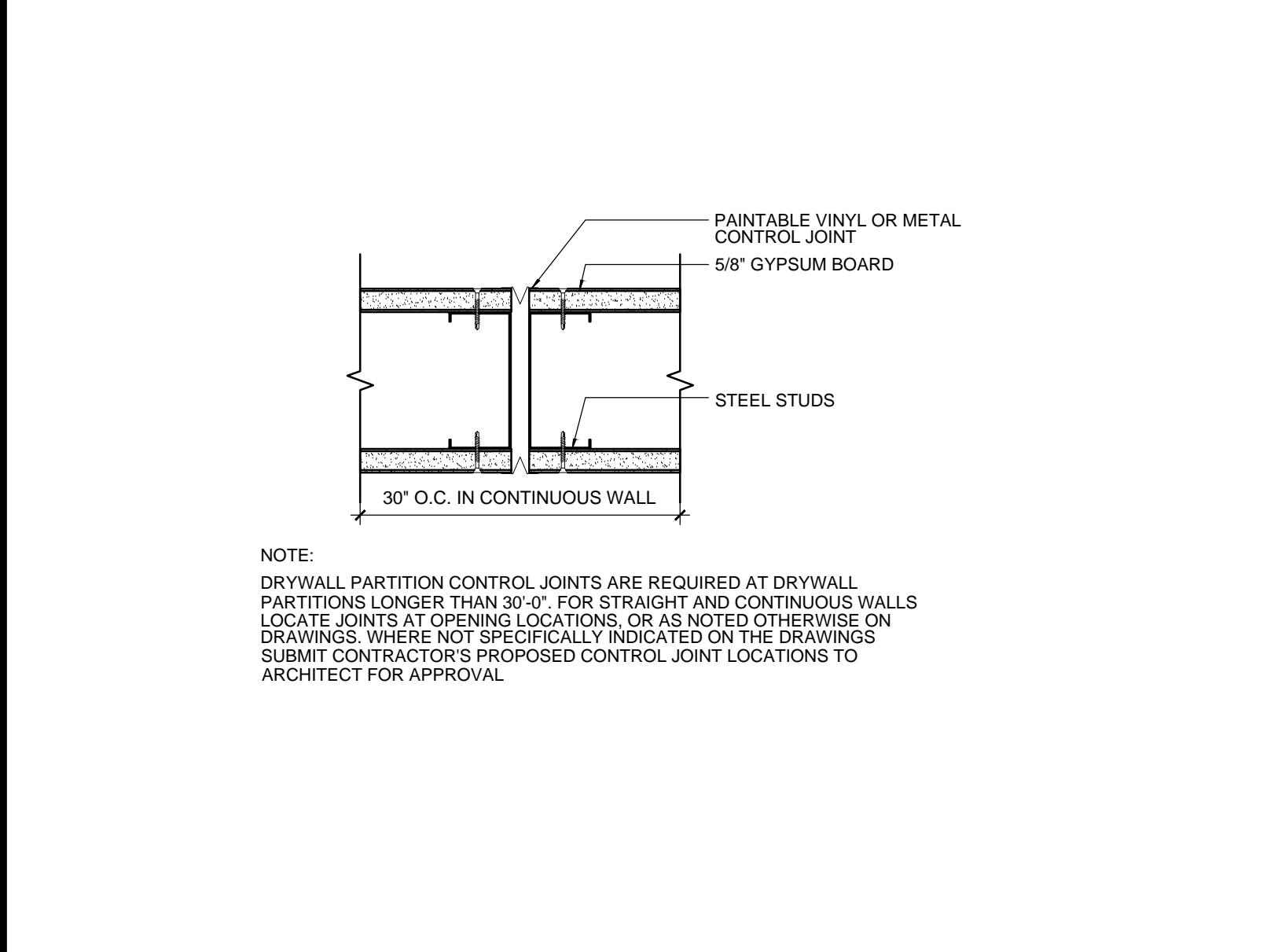
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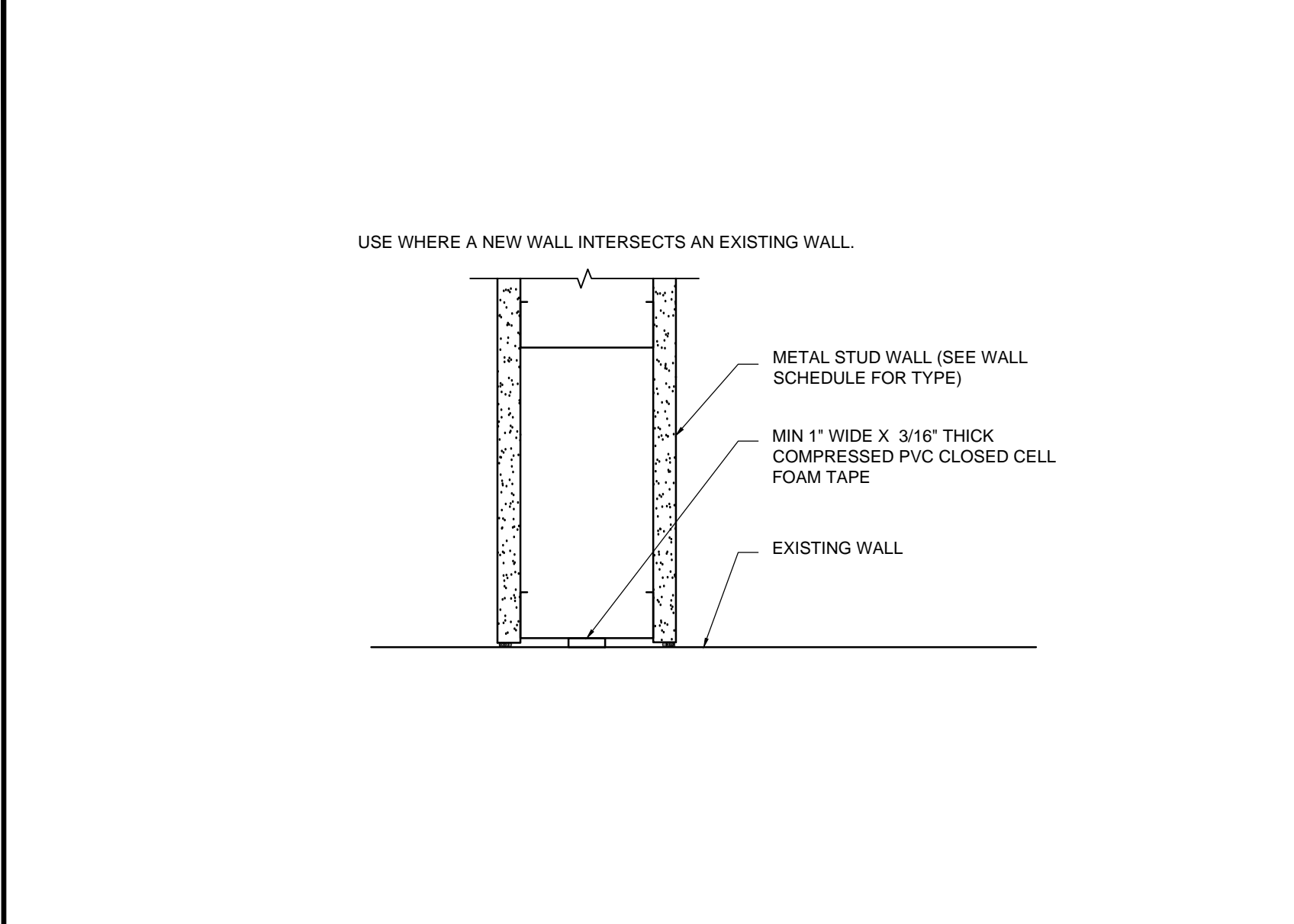
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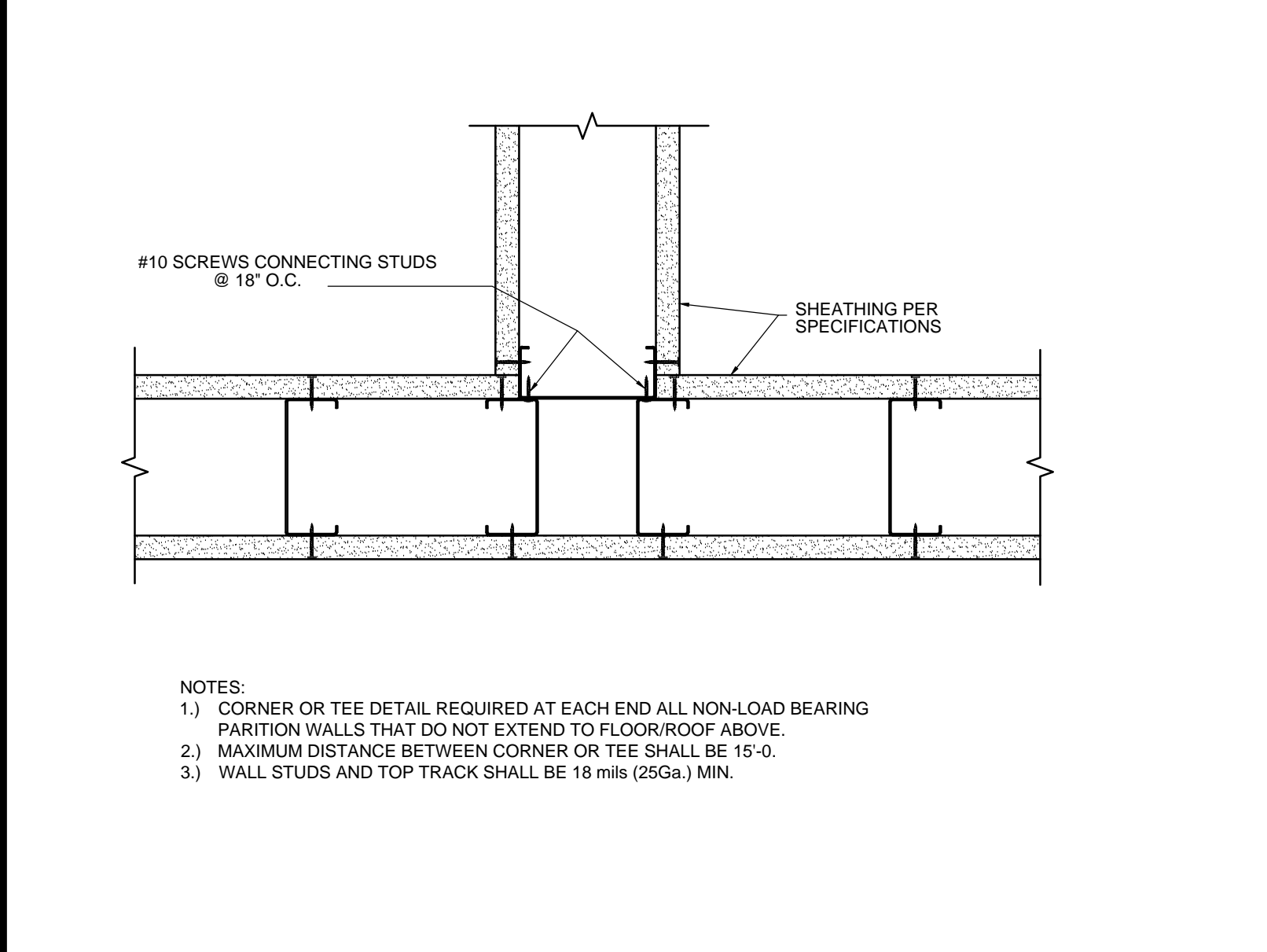
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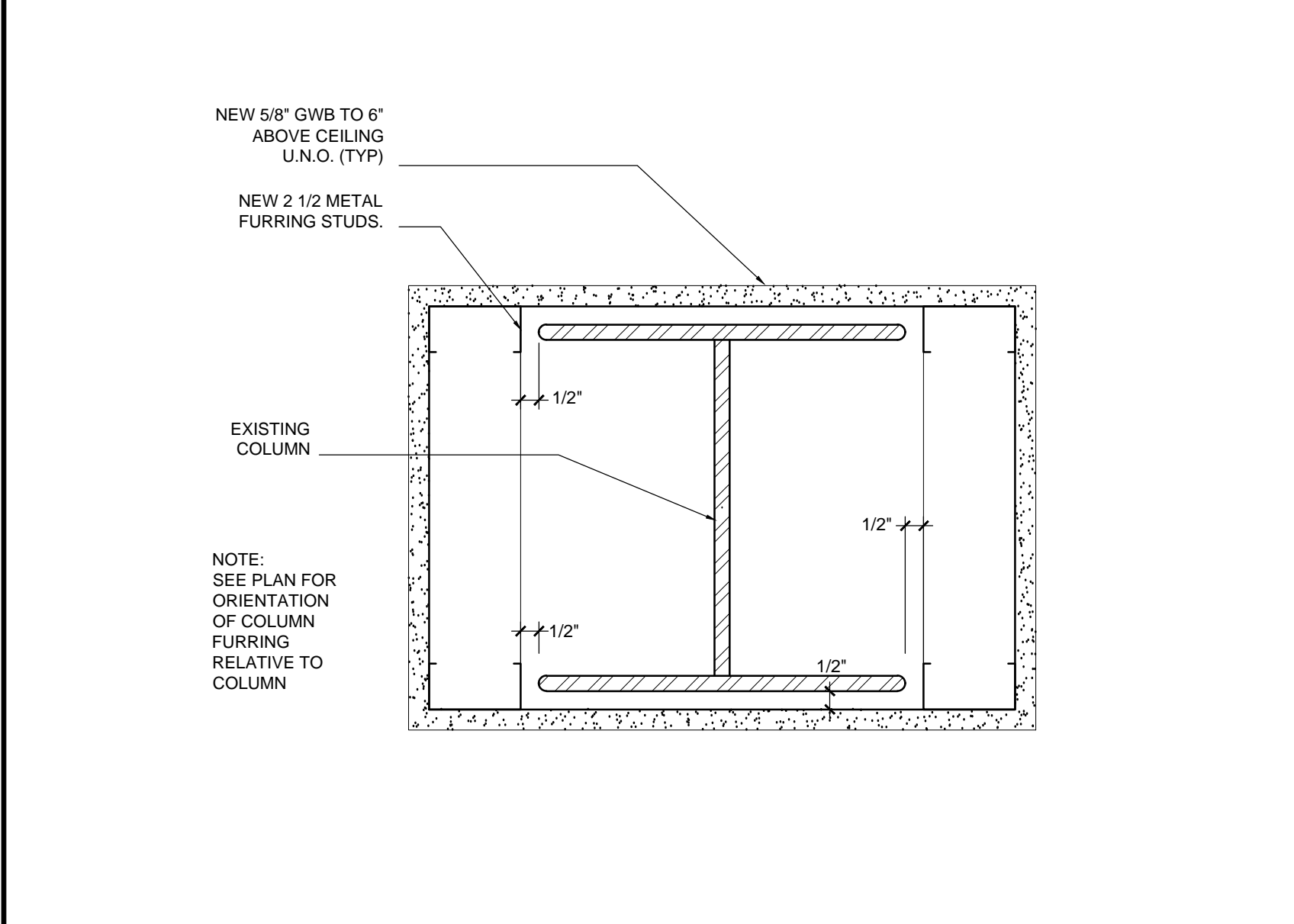
E1 DRYWALL PARTITION CONTROL JOINT SCALE: 3/4" = 1'-0"



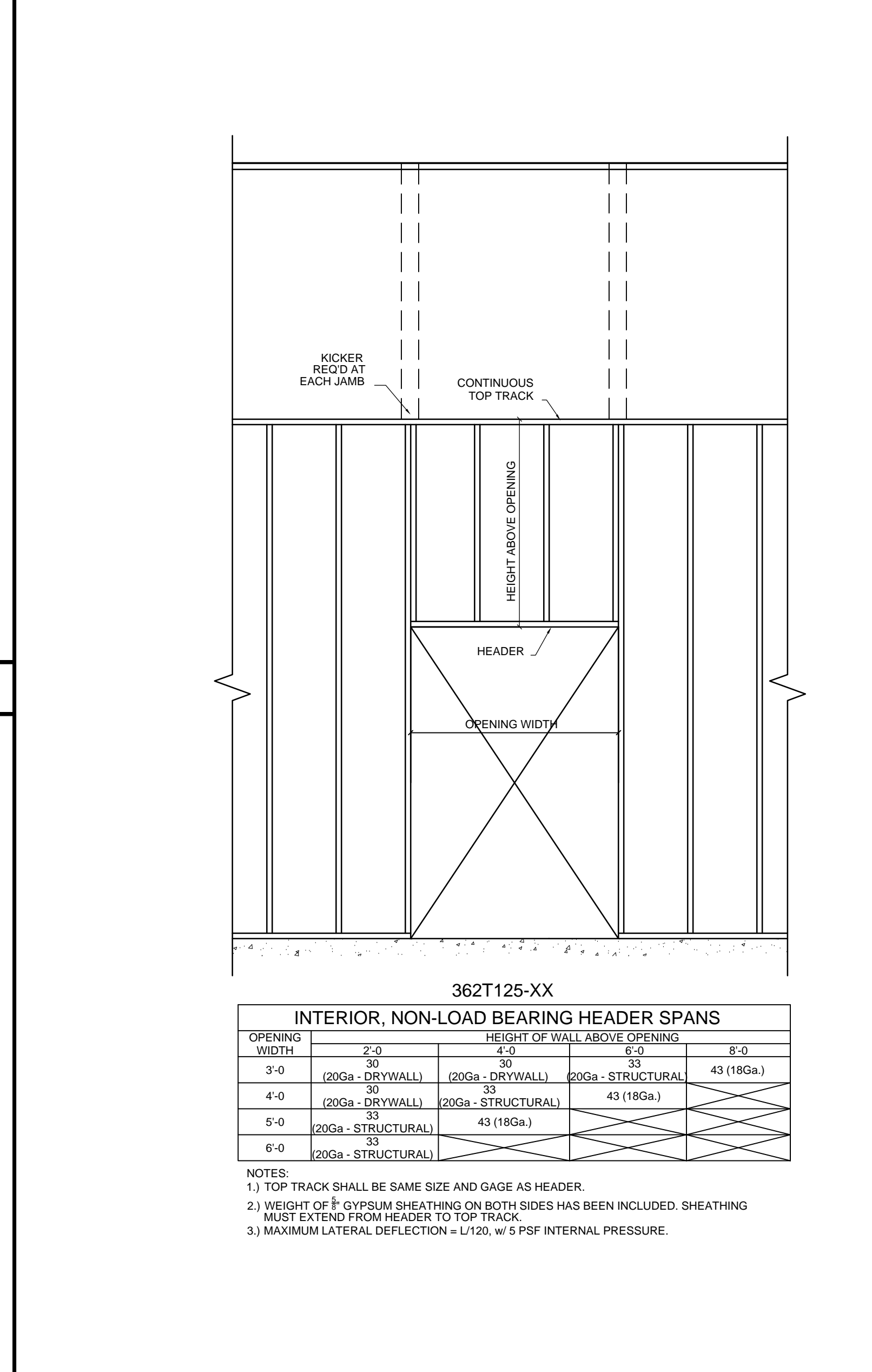
E2 WALL INTERSECTION DETAIL SCALE: 3/4" = 1'-0"



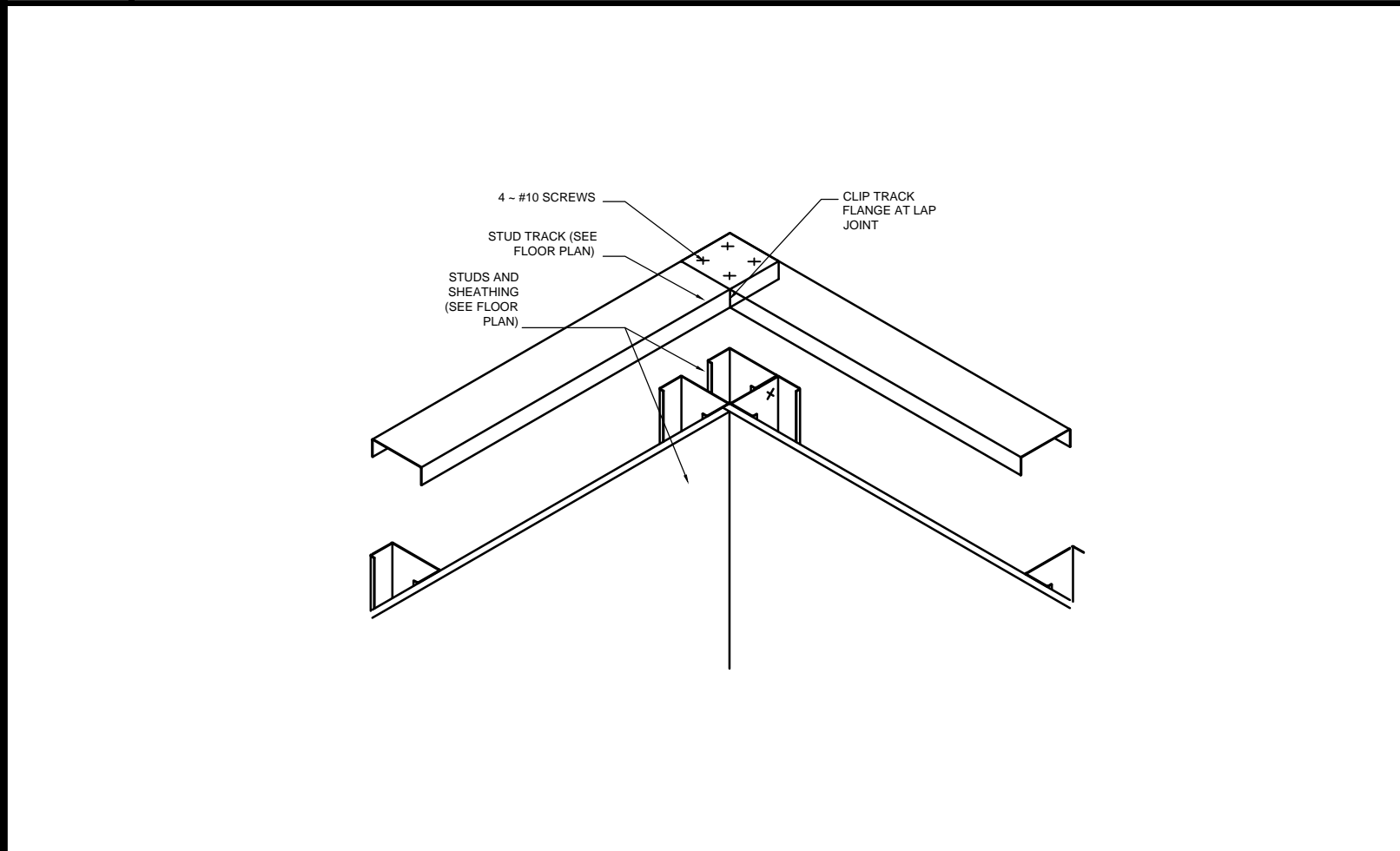
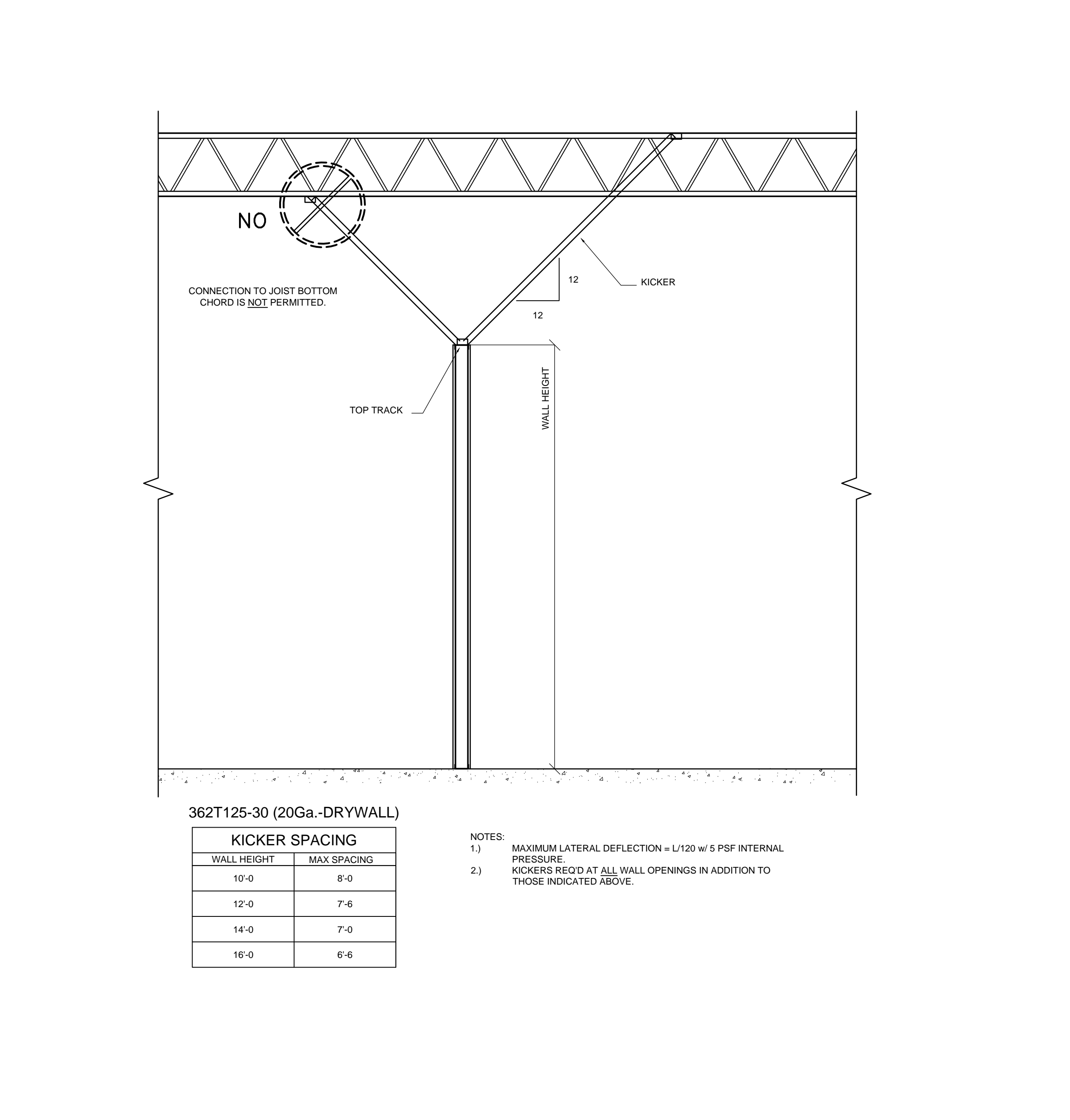
D1 WALL DETAIL SCALE: 3/4" = 1'-0"



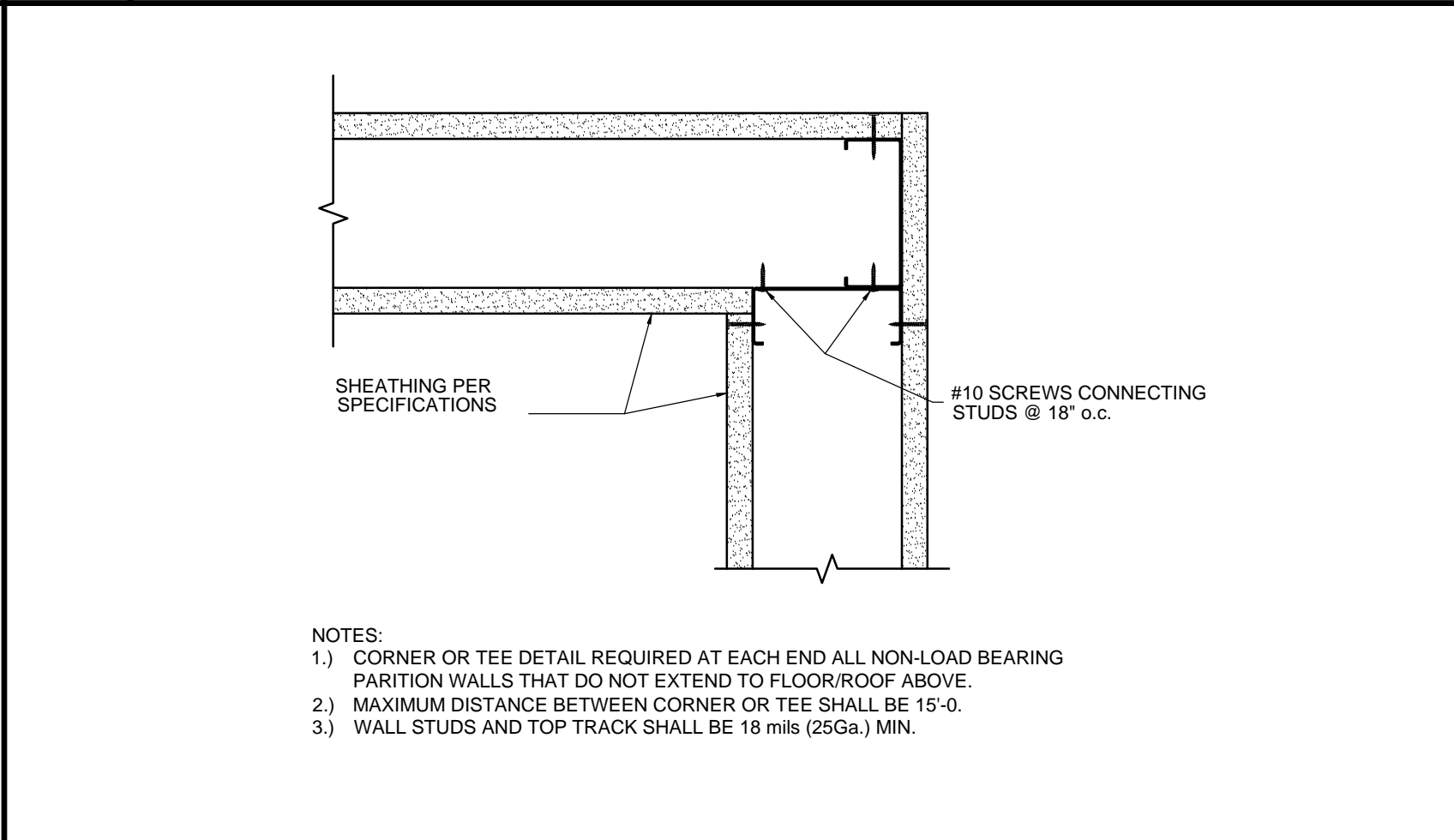
D2 COLUMN WRAP DETAIL SCALE: 3/4" = 1'-0"



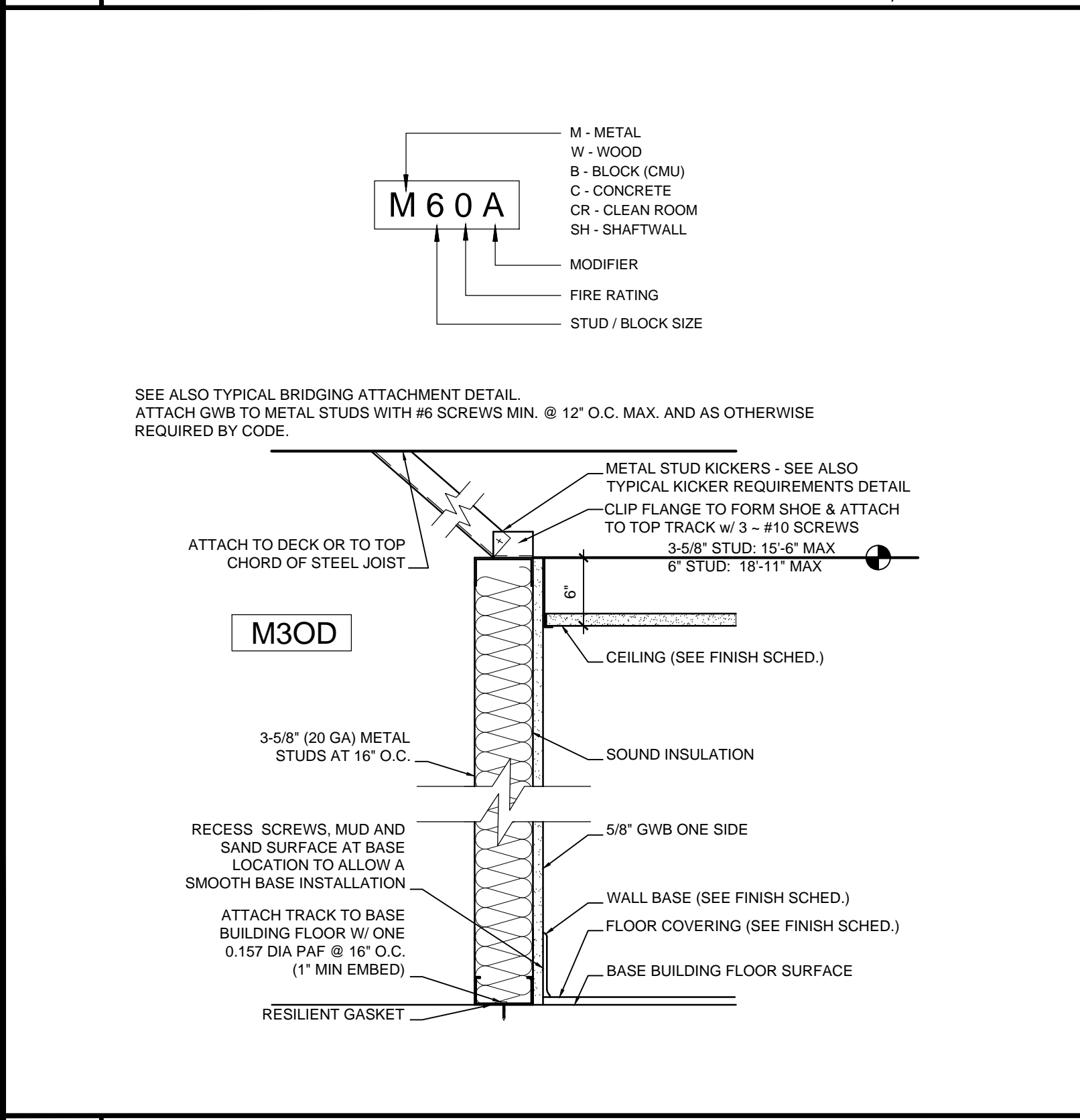
D4 TYPICAL SPAN AND BRACING DETAILS SCALE: 1/2" = 1'-0"



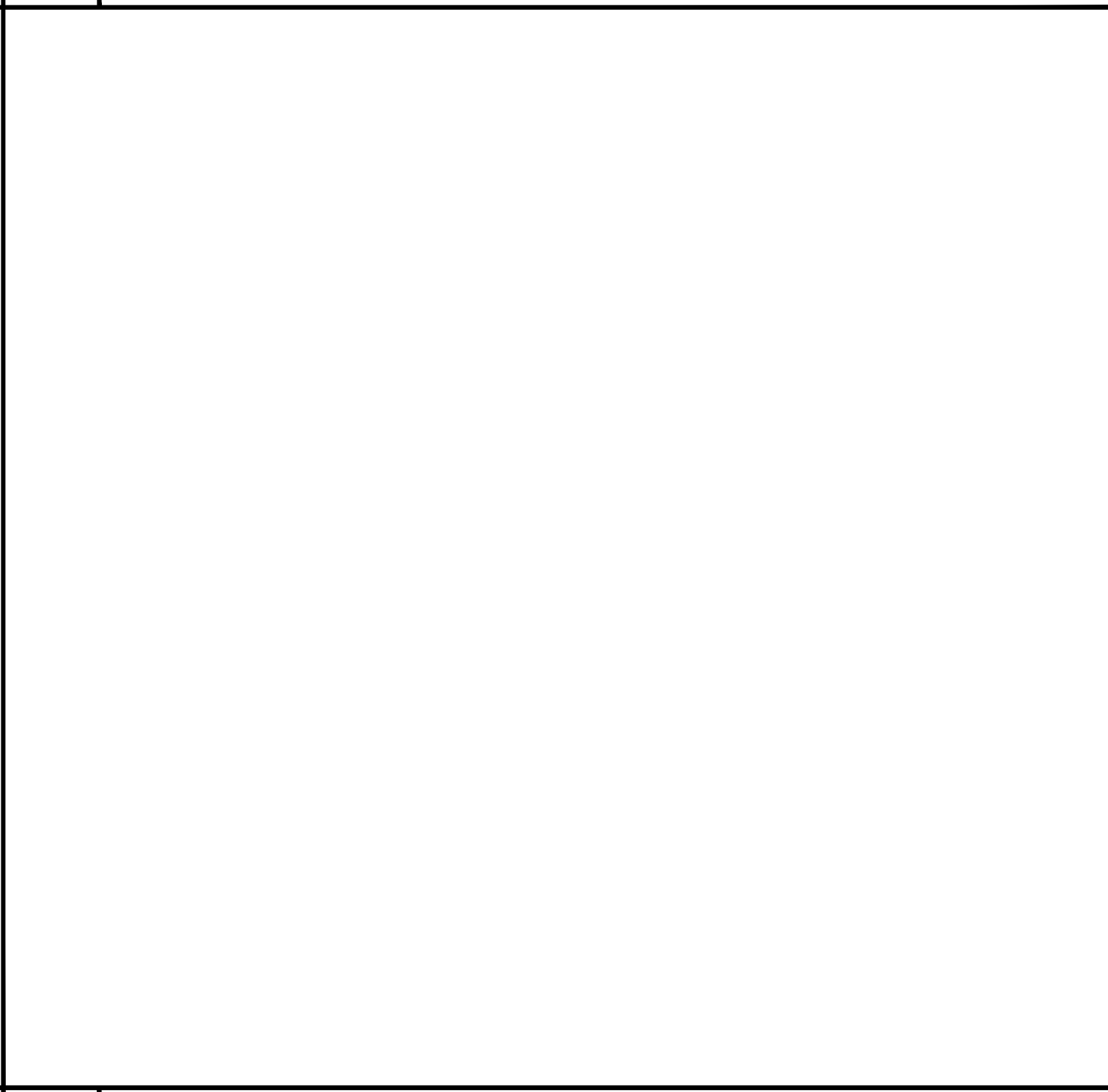
C1 WALL CORNER DETAIL SCALE: 1 1/2" = 1'-0"



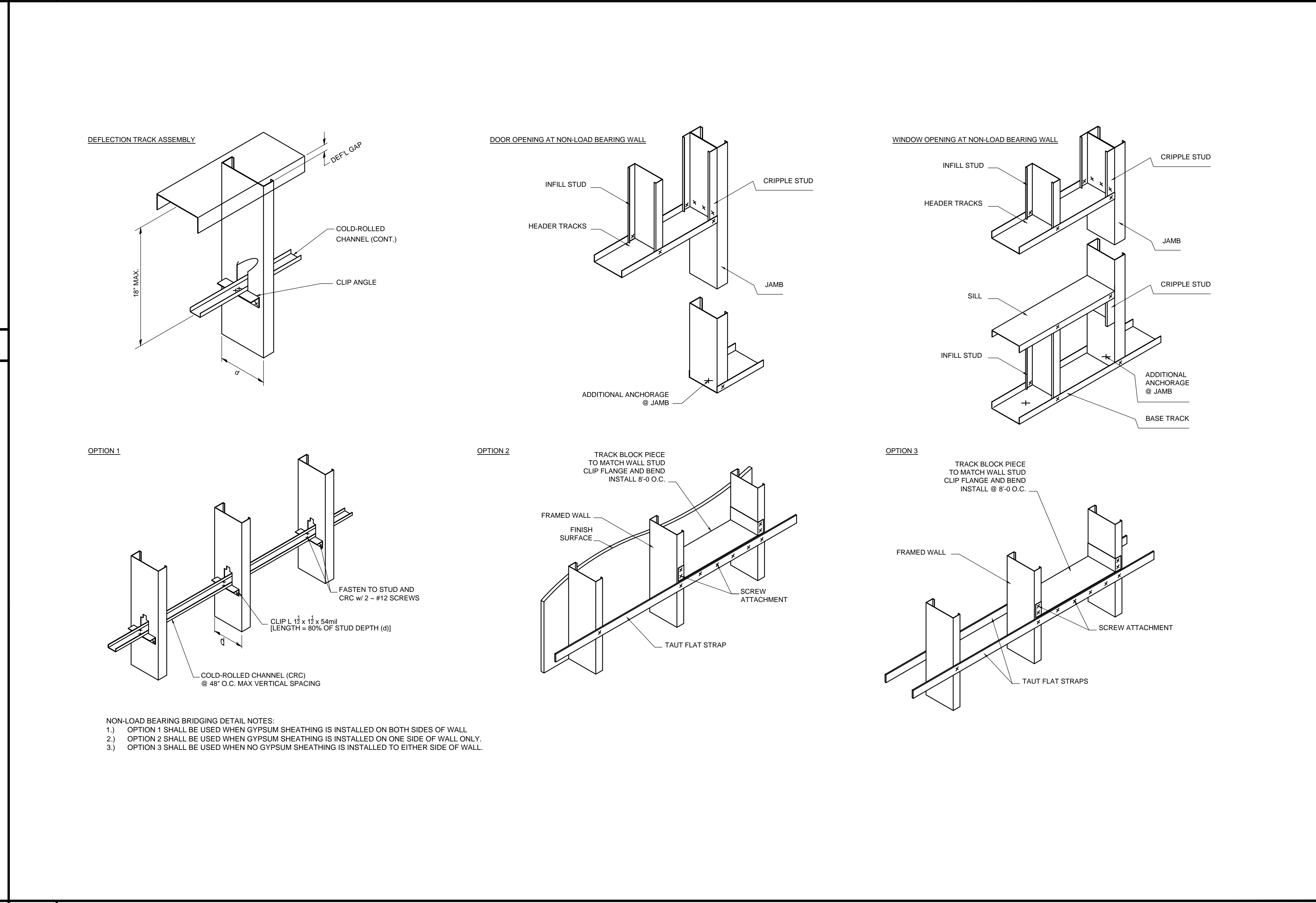
C2 CORNER DETAIL SCALE: 3/4" = 1'-0"



A1 PARTITION TYPES SCALE: 1 1/2" = 1'-0"



A2 NOT USED



A3 TYPICAL BRIDGING DETAILS SCALE: 1" = 1'-0"

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WALL DETAILS & STANDARDS

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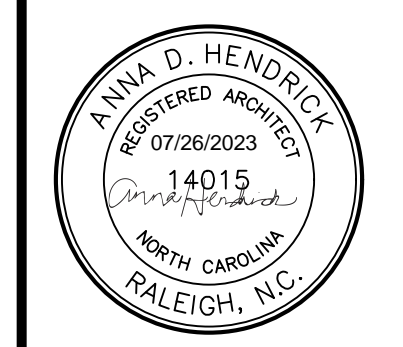
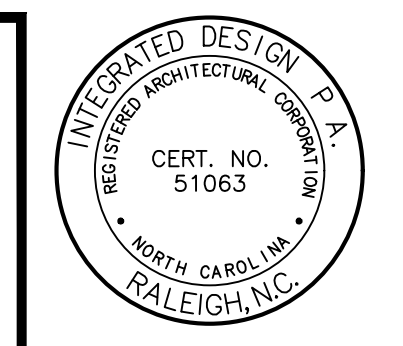
FINISH SPECIFICATIONS

| WALLS | WALLS (CONT'D) | CEILING |
|--|--|--|
| PAINT | | ACOUSTICAL TILE & GRID |
| EP-1A (PRIMARY - EPOXY PAINT) MFGR: SHERWIN WILLIAMS COLOR NAME: NEBULOUS WHITE COLOR NUMBER: SW7063 FINISH: EPOXY - EGGSHELL | T-2A CERAMIC TILE (SINK WET WALL - OPTION 1) MFGR: CROSSVILLE (OR APPROVED EQUAL) COLOR/STYLE NAME: EBB & FLOW LINEAR LINES SIZE: 12" x 12" SHEET PRODUCT NUMBER: SAND-SURF MIXED LINES GROUT: LATICRETE #95 MINK (OR APPROVED EQUAL) PATTERN: AS PER MANUFACTURER'S REQUIREMENT. REFER TO ELEVATIONS. | ACT-1A (OPTION 1) MFGR: ARMSTRONG (OR APPROVED EQUAL) STYLE: ULTIMA SQUARE - REGULAR SIZE: 2X2 RATING: NRC 0.80 NOTE: USE CONTINUOUS 15/16" WHITE ENAMEL PREFINISHED SUSPENSION SYSTEM. |
| EP-1B (PRIMARY - EPOXY PAINT ALTERNATE) MFGR: BENJAMIN MOORE COLOR NAME: COLOR NUMBER: FINISH: EPOXY - EGGSHELL | T-2B CERAMIC TILE (SINK WET WALL - OPTION 2) MFGR: CAESAR CERAMIC COLOR/STYLE NAME: SIZE: 12" x 24" PRODUCT NUMBER: GROUT: PATTERN: AS PER MANUFACTURER'S REQUIREMENT. REFER TO ELEVATIONS. | ACT-1B (OPTION 2) MFGR: USG STYLE: REGULAR SIZE: 2X2 RATING: NRC 0.80 NOTE: USE CONTINUOUS 15/16" WHITE ENAMEL PREFINISHED SUSPENSION SYSTEM. |
| EP-1C (PRIMARY - EPOXY PAINT ALTERNATE) MFGR: BEHR PROCESS CORPORATION COLOR NAME: COLOR NUMBER: FINISH: EPOXY - EGGSHELL | T-2C CERAMIC TILE (SINK WET WALL - OPTION 3) MFGR: DAL TILE COLOR/STYLE NAME: SIZE: 12" x 24" PRODUCT NUMBER: GROUT: PATTERN: AS PER MANUFACTURER'S REQUIREMENT. REFER TO ELEVATIONS. | ACT-1C (OPTION 3) MFGR: CERTAIN TEED STYLE: REGULAR SIZE: 2X2 RATING: NRC 0.80 NOTE: USE CONTINUOUS 15/16" WHITE ENAMEL PREFINISHED SUSPENSION SYSTEM. |
| P-1A (CEILING & SOFFIT PAINT) MFGR: SHERWIN WILLIAMS COLOR NAME: HIGH REFLECTIVE WHITE COLOR NUMBER: SW7063 FINISH: FLAT | | GYPSUM BOARD CEILING |
| P-1B (CEILING & SOFFIT PAINT - ALTERNATE) MFGR: BENJAMIN MOORE COLOR NAME: COLOR NUMBER: FINISH: FLAT | | GWB-1 PAINT COLOR: PAINT P-1 |
| P-1C (CEILING & SOFFIT PAINT - ALTERNATE) MFGR: BEHR PROCESS CORPORATION COLOR NAME: COLOR NUMBER: FINISH: FLAT | WALL BASE | MILLWORK |
| P-2A (H.M. DOOR FRAMES AND H.M. DOORS) MFGR: SHERWIN WILLIAMS COLOR NAME: TO MATCH BUILDING STANDARD COLOR AND FINISH | TB-1A TILE BASE (OPTION 1) MFGR: CROSSVILLE (OR APPROVED EQUAL) COLOR/STYLE NAME: EMPIRE SIZE: 4" x 24" PRODUCT NUMBER: VS85 GROUT: LATICRETE #78 STERLING SILVER (OR APPROVED EQUAL) PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS. SEE NOTE #1. | CABINETS |
| P-2B (H.M. DOOR FRAMES AND H.M. DOORS ALTERNATE) MFGR: BENJAMIN MOORE COLOR NAME: TO MATCH BUILDING STANDARD COLOR AND FINISH | TB-1B TILE BASE (OPTION 2) MFGR: CAESAR CERAMIC COLOR/STYLE NAME: SIZE: 12" x 24" PRODUCT NUMBER: GROUT: PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS. SEE NOTE #1. | PLAM-1A PLASTIC LAMINATE (OPTION 1) MFGR: WILSONART (OR APPROVED EQUAL) COLOR/STYLE NAME: PEARL SOAPSTONE PRODUCT NUMBER: #4886-38 |
| P-2C (H.M. DOOR FRAMES AND H.M. DOORS ALTERNATE) MFGR: BEHR PROCESS CORPORATION COLOR NAME: TO MATCH BUILDING STANDARD COLOR AND FINISH | TB-1C TILE BASE (OPTION 3) MFGR: DAL TILE COLOR/STYLE NAME: SIZE: 12" x 24" PRODUCT NUMBER: GROUT: PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS. SEE NOTE #1. | PLAM-1B PLASTIC LAMINATE (OPTION 2) MFGR: FORMICA COLOR/STYLE NAME: PRODUCT NUMBER: PLAM-1C PLASTIC LAMINATE (OPTION 3) MFGR: ARBORITE COLOR/STYLE NAME: PRODUCT NUMBER: |
| PAINT NOTES: | | COUNTERTOPS |
| EP-1 DESIGNATION PAINT (OR APPROVED EQUAL) 1. PRIMER: B28W02600 PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER WHITE 2. PAINT: TWO (2) COATS K45W00151 PRO INDUSTRIAL PRECATALYZED WATRBASED EPOXY PER SHEEN ABOVE | | SSURF-1A SOLID SURFACE (OPTION 1) MFGR: SILESTONE (OR APPROVED EQUAL) COLOR/STYLE NAME: YUKON - POLISHED PRODUCT NUMBER: SSURF-1B SOLID SURFACE (OPTION B) MFGR: HANSTONE COLOR/STYLE NAME: PRODUCT NUMBER: SSURF-1C SOLID SURFACE (OPTION C) MFGR: CAESARSTONE COLOR/STYLE NAME: PRODUCT NUMBER: |
| P-2 DESIGNATION PAINT (OR APPROVED EQUAL) 1. PRIMER: B66W00011 SHERWIN WILLIAMS PRO INDUSTRIAL DTM ACRYLIC PRIMER WHITE 2. PAINT: B66W01151 SHERWIN WILLIAMS PRO INDUSTRIAL DTM ACRYLIC PAINT PER SHEEN ABOVE. | | CABINET DOOR PULLS |
| | FLOORS | DP-1A CABINET DOOR PULL (OPTION 1) MFGR: HAFELE (OR APPROVED EQUAL) DESCRIPTION: STAINLESS STEEL HANDLES PRODUCT SERIES: 117.05 |
| BATHROOM WALL TILE | BATHROOM FLOOR TILE | DP-1B CABINET DOOR PULL (OPTION 2) MFGR: SCHAUB AND COMPANY DESCRIPTION: HANDLES PRODUCT SERIES: |
| T-1A CERAMIC TILE (TOILET WET WALL - OPTION 1) MFGR: CROSSVILLE (OR APPROVED EQUAL) COLOR/STYLE NAME: EMPIRE SIZE: 12" x 24" PRODUCT NUMBER: VS85 GROUT: LATICRETE #78 STERLING SILVER (OR APPROVED EQUAL) PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS | T-3A CERAMIC TILE (FLOOR TILE - OPTION 1) MFGR: CROSSVILLE (OR APPROVED EQUAL) COLOR/STYLE NAME: EMPIRE SIZE: 12" x 24" PRODUCT NUMBER: VS85 GROUT: LATICRETE #78 STERLING SILVER (OR APPROVED EQUAL) PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS | DP-1C CABINET DOOR PULL (OPTION 3) MFGR: RICHELIEU HARDWARE DESCRIPTION: HANDLES PRODUCT SERIES: |
| T-1B CERAMIC TILE (TOILET WET WALL - OPTION 2) MFGR: CAESAR CERAMIC COLOR/STYLE NAME: SIZE: 12" x 24" PRODUCT NUMBER: GROUT: TBD PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS | T-3B CERAMIC TILE (FLOOR TILE - OPTION 2) MFGR: CAESAR CERAMIC COLOR/STYLE NAME: SIZE: 12" x 24" PRODUCT NUMBER: TBD GROUT: TBD PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS | BATHROOM PARTITION |
| T-1C CERAMIC TILE (TOILET WET WALL - OPTION 3) MFGR: DAL TILE COLOR/STYLE NAME: SIZE: 12" x 24" PRODUCT NUMBER: GROUT: PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS | T-3C CERAMIC TILE (FLOOR TILE - OPTION 3) MFGR: DAL TILE COLOR/STYLE NAME: SIZE: 12" x 24" PRODUCT NUMBER: TBD GROUT: TBD PATTERN: BRICK - REFER TO FINISH PLANS AND ELEVATIONS | BP-1A BATHROOM PARTITION (OPTION 1) MFGR: SCRANTON (OR APPROVED EQUAL) STYLE NAME: ECLIPSE 2 - SOLID PLASTIC (HDPE) FINISH/COLOR: ORANGE PEEL - LINEN |
| | | BP-1B BATHROOM PARTITION (OPTION 2) MFGR: ASI GLOBAL PARTITIONS STYLE NAME: SOLID PLASTIC (HDPE) FINISH/COLOR: BP-1C BATHROOM PARTITION (OPTION 3) MFGR: HADRIAN STYLE NAME: SOLID PLASTIC (HDPE) FINISH/COLOR: |
| FINISH NOTES (SEE GENERAL NOTES FOR MORE INFORMATION): | | |
| 1. ALL TILE BASE IS TO HAVE AN ANODIZED ALUMINUM SCHLUTER STRIP (OR APPROVED EQUAL) INSTALLED AT TOP. | | |
| 2. ALL GROUT IS TO BE SEALED, TYP. | | |
| 3. RESTROOM PARTITIONS ARE TO HAVE AN OVERHEAD BRACE WITH 6" HIGH (FLOOR TO BOTTOM OF DOOR) AT STANDARD STALLS AND 9" AT ACCESSIBLE STALL DOORS, TYP. | | |
| 4. RESTROOM PARTITIONS WILL REQUIRE OCCUPANCY INDICATOR LATCHES (ACCESSIBLE WHERE REQUIRED) AND HOOKS ON THE BACK OF DOOR, TYP. | | |
| 5. FLOOR TILE PATTERN TO ALIGN WITH WALL TILE T-1 PATTERN. ALIGN FLOOR JOINTS WITH VERTICAL WALL JOINTS - SEE ELEVATION SERIES. | | |

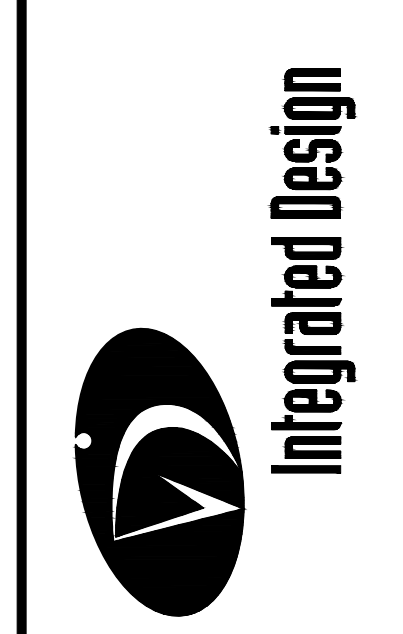
FINISH SCHEDULE

| NO. | ROOM NAME | FLOOR | | WALL FINISH | CEILING | REMARKS |
|----------|-----------|--------|------|----------------|--------------|----------------|
| | | FINISH | BASE | | | |
| A-1-063 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | ACT-1, GWB-1 | NOTE 1, NOTE 2 |
| A-1-064 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | ACT-1, GWB-1 | NOTE 1, NOTE 2 |
| A-2-079 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| A-2-080 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| B-1-003 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | ACT-1 | NOTE 1, NOTE 2 |
| B-1-017 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| B-1-018 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| B-2-022 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| B-2-023 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| C-LL-032 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| C-LL-033 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| C-1-034 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | ACT-1 | NOTE 1, NOTE 2 |
| C-1-035 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | ACT-1 | NOTE 1, NOTE 2 |
| C-2-030 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| C-2-031 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | GWB-1 | NOTE 1, NOTE 2 |
| W-1-005 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | ACT-1 | NOTE 1, NOTE 2 |
| W-1-006 | TOILET | T-3 | TB-1 | EP-1, T-1, T-2 | ACT-1 | NOTE 1, NOTE 2 |

NOTE 1: PROVIDE P-2 PAINT AT ALL EXISTING DOOR FRAMES
NOTE 2: SEE ARCHITECTURAL ELEVATIONS FOR WALL TILE LOCATIONS



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FACILITY IMPROVEMENTS FOR:
**NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NORTH CAROLINA

DWG BY: JAL
CHK BY: ADH

NO. DATE DESCRIPTION
0 07/28/2023 ISSUE FOR PERMIT

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FINISH SPECIFICATIONS AND SCHEDULE

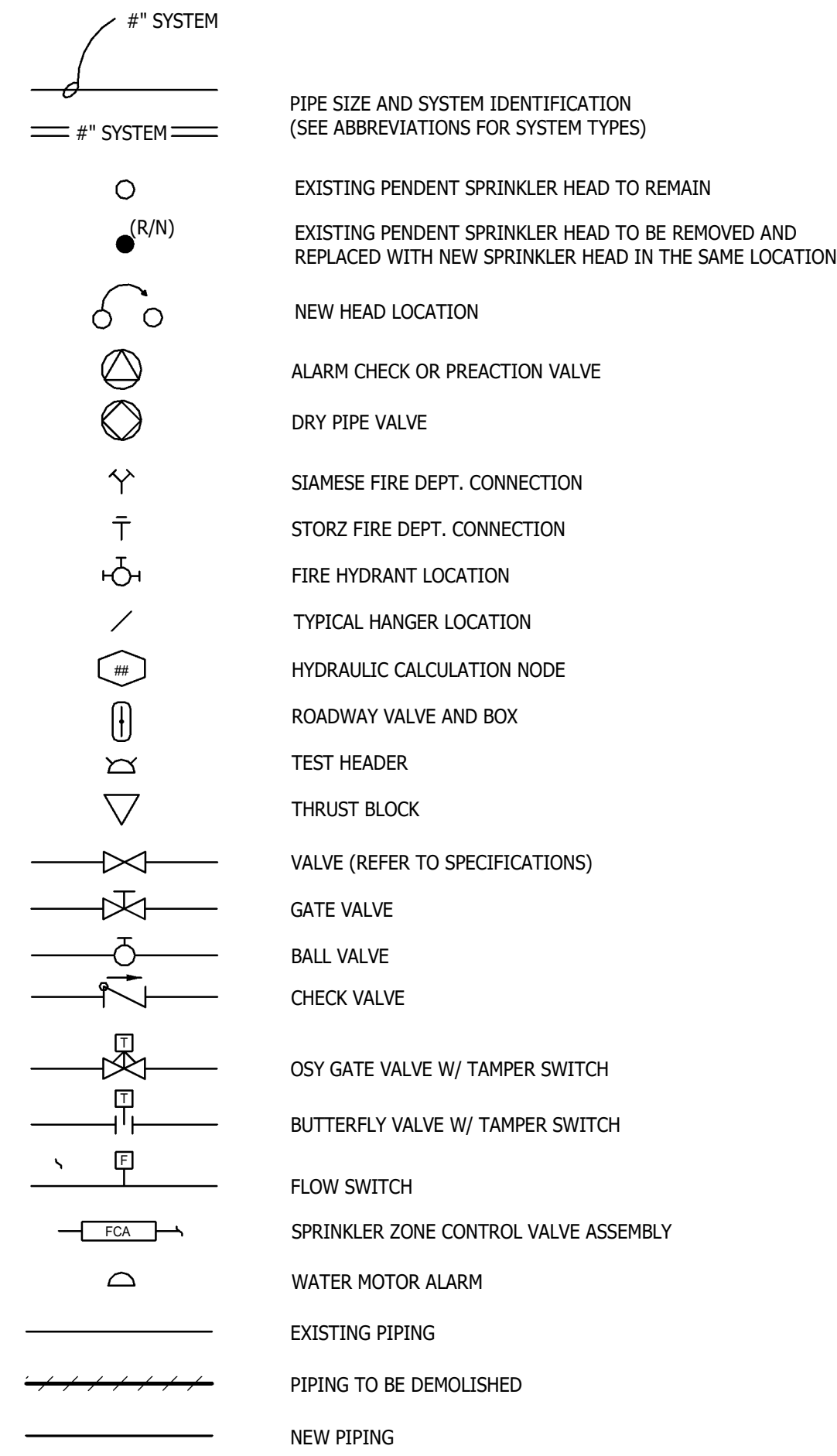
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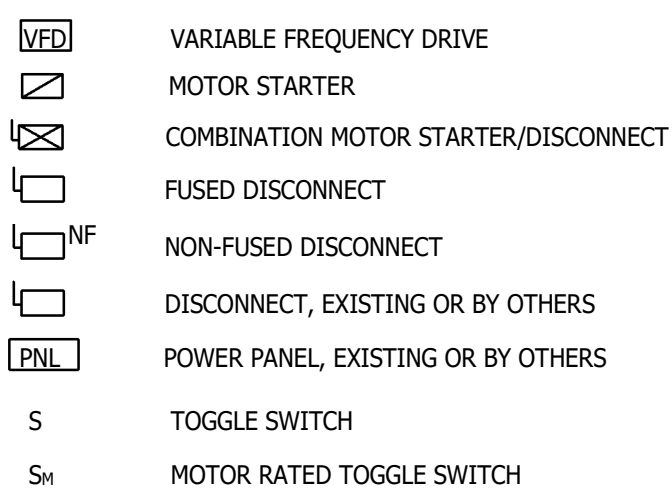
FIRE PROTECTION ABBREVIATIONS

- # POUNDS; NUMBER
- ACV ALARM CHECK VALVE
- AFC ABOVE FINISHED CEILING
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- AHJ AUTHORITY HAVING JURISDICTION
- ALT ALTERNATE
- ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
- ARCH ARCHITECTURAL; ARCHITECT
- AUTO AUTOMATIC
- BAS BUILDING AUTOMATION SYSTEM
- BOP BOTTOM OF PIPE
- CAP CAPACITY
- CLC CEILING
- COL COLLUM
- CONC CONCRETE
- CTR CENTER
- CUFT CUBIC FOOT; CUBIC FEET
- CY CUBIC YARD
- CV CHECK VALVE
- DCDA DOUBLE CHECK DETECTOR ASSEMBLY
- DI DUCTILE IRON
- DIA DIAMETER
- DIV DIVISION
- DN DOWN
- DRV DRY PIPE VALVE
- DWG DRAWING
- EA EACH
- ELEC ELECTRICAL
- ELEV ELEVATION
- EQUIP EQUIPMENT
- EXIST EXISTING
- FCV FLOOR CONTROL VALVE
- FDC FIRE DEPARTMENT CONNECTION
- FDV FIRE DEPARTMENT VALVE
- FFE FINISHED FLOOR ELEVATION
- FH FIRE HYDRANT
- FHC FIRE HOSE CABINET
- FHVC FIRE HOSE VALVE CABINET
- FL FLOOR
- FLA FULL LOAD AMPS
- FLEX FLEXIBLE
- FM FACTORY MUTUAL
- FP FIRE PROTECTION OR FIRE PUMP
- FPK FIRE PUMP CONTROLLER
- FS FLOW SWITCH
- FT FOOT; FEET
- FTG FOOTING
- GAL GALLONS
- GC GENERAL CONTRACTOR
- GPM GALLONS PER MINUTE
- HORIZ HORIZONTAL
- HP HORSE POWER
- HT HEIGHT
- ID INSIDE DIAMETER
- IN INCH
- JP JOCKEY PUMP
- JPC JOCKEY PUMP CONTROLLER
- MAX MAXIMUM
- MCA MINIMUM CIRCUIT AMPS
- MFG MANUFACTURING
- MFR MANUFACTURER
- MIN MINIMUM
- MOCP MAXIMUM OVER CURRENT PROTECTION
- MTD MOUNTED
- NFPA NATIONAL FIRE PROTECTION ASSOCIATION
- NIC NOT IN CONTRACT
- NTS NOT TO SCALE
- OC ON CENTER
- OD OUTSIDE DIAMETER
- OPNG OPENING
- OSY OUTSIDE SCREW AND YOKE
- PIV POST INDICATOR VALVE
- PSI POUNDS PER SQUARE INCH
- PSIG POUNDS PER SQUARE INCH GAUGE
- QTY QUANTITY
- RCV RISER CHECK VALVE
- REINF REINFORCING
- REV REVISION
- RM ROOM
- RPDA REDUCED PRESSURE DETECTOR ASSEMBLY
- RPM REVOLUTIONS PER MINUTE
- SCH SCHEDULE
- SECT SECTION
- SF SQUARE FEET
- SP STANDPIPE
- SPCV SUCTION PRESSURE CONTROL VALVE
- SPEC SPECIFICATION
- SPRK SPRINKLER
- SYN SYMBOL OR SYMMETRICAL
- TOP TOP OF PIPE
- TOS TOP OF STEEL
- TS TAMPER SWITCH
- TYP TYPICAL
- UF UNDER FLOOR
- UL UNDERWRITERS LABORATORIES
- UNO UNLESS NOTED OTHERWISE
- UTIL UTILITY
- VERT VERTICAL
- W WITH
- W/O WITHOUT
- WMA WATER MOTOR ALARM
- Ø ROUND; DIAMETER; PHASE

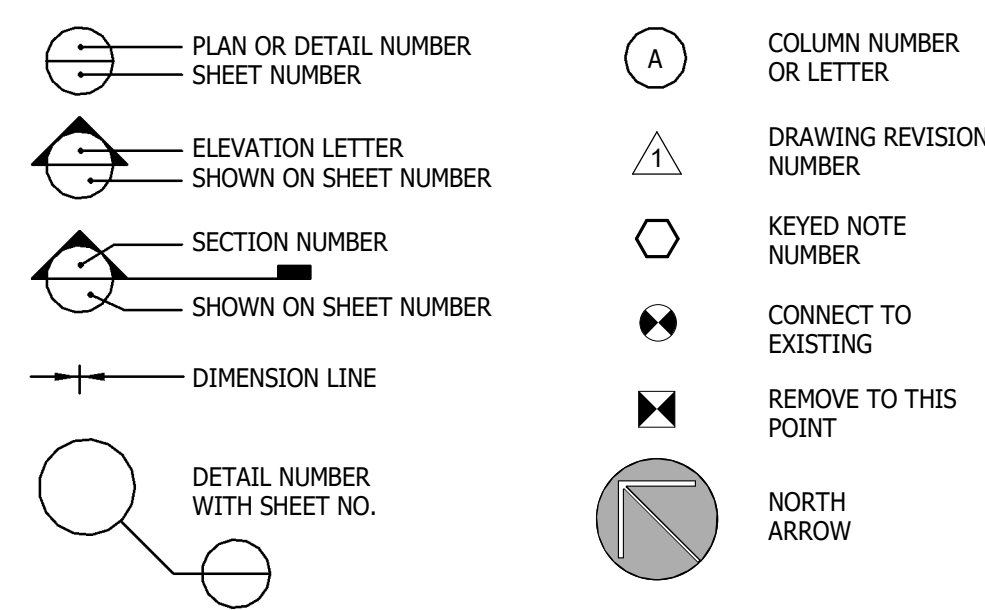
FIRE PROTECTION PIPING SYMBOLS



ELECTRICAL SYMBOLS



GENERAL SYMBOLS



SPRINKLER DESIGN DATA

| | | | |
|-----------------------------------|-------------------|-----------------------------|--|
| Project Name: | | System: | |
| Project Street Address: | | Sys. Sq. Ft.: | |
| Suite: | Floor#: | Ceiling Height: | |
| Designed By: | Phone: | Total Bldg. Hght: | |
| Occupancy: | Hazard: | | |

| DESIGN SUMMARY | | | | | |
|-------------------|--------|--------|--------|--------|--------|
| | Zone # | Zone # | Zone # | Zone # | Zone # |
| Design Method | | | | | |
| Design Area # | | | | | |
| Location | | | | | |
| Type of System | | | | | |
| Hazard Class | | | | | |
| Criteria From | | | | | |
| Design Area | | | | | |
| Protection Area | | | | | |
| Sprinkler Spacing | | | | | |
| Density | | | | | |
| K-factor | | | | | |
| Hose Allowance | | | | | |
| G.P.M. Req'd | | | | | |
| P.S.I. Req'd | | | | | |

HYDRAULIC CALCULATIONS ARE NOT REQUIRED FOR THIS PROJECT

FIRE PROTECTION GENERAL NOTES

- COORDINATE WORK WITH OTHER TRADES PRIOR TO PURCHASE AND INSTALLATION OF ANY PIPING, DUCTWORK OR EQUIPMENT. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- REFER TO THE ARCHITECTURAL PLANS FOR DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
- ALL PIPING LAYOUTS AND LOCATIONS SHOWN ARE DIAGRAMMATIC AND DO NOT INDICATE ALL FITTINGS REQUIRED TO COMPLETE WORK. COORDINATE THE PIPING LAYOUT WITH ALL CONTRACTORS PRIOR TO INSTALLATION, INCLUDING CONDUITS AND CABLE TRAYS. PROVIDE ALL PIPING OFFSETS REQUIRED FOR THE COMPLETE INSTALLATION OF THE SYSTEM WHETHER OR NOT THE OFFSETS ARE INDICATED ON THE PLANS. INSTALL PIPING HIGH ENOUGH TO AVOID LIGHTS, CONDUTS AND MISCELLANEOUS PIPING. DO NOT BLOCK ACCESS TO DEVICES.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS AND ARCHITECTURAL DETAILS FOR EXACT LOCATION OF ALL CEILING AND SIDEWALL AIR DISTRIBUTION AND DEVICES.
- INSTALL ALL EQUIPMENT WITH THE MANUFACTURER'S RECOMMENDATION AND CODE REQUIRED CLEARANCES. INSURE ALL ITEMS FURNISHED WILL FIT IN THE SPACE AVAILABLE. MAKE NECESSARY FIELD MEASUREMENTS TO ASCERTAIN SPACE REQUIREMENTS AND FURNISH AND INSTALL SUCH SIZES AND SHAPES OF EQUIPMENT THAT ARE THE TRUE INTENT AND MEANING OF THE PLANS AND SPECIFICATIONS. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO PURCHASE AND INSTALLATION.
- COORDINATE LOCATIONS AND ELEVATIONS OF ALL EXPOSED ITEMS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS.
- FURNISH 24"X24" ACCESS DOORS (UNLESS OTHERWISE INDICATED) FOR ANY CONCEALED ITEMS, SUCH AS DRAINS, VALVES, ETC. COORDINATE EXACT LOCATIONS WITH ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
- THE ENTIRE FIRE PROTECTION SYSTEM SHALL BE INSTALLED IN A MANNER THAT IS COMPLIANT WITH ALL APPLICABLE CITY, COUNTY, AND NORTH CAROLINA STATE BUILDING CODE REQUIREMENTS, LOCAL BUILDING INSPECTOR REQUIREMENTS, ALL APPLICABLE NFPA STANDARDS, AS WELL AS THE STANDARDS OF THE UNDERWRITER WHERE REQUIRED. THE HAZARD CLASSIFICATION SHALL BE PER PLANS AND SPECIFICATIONS.
- VERIFY LATEST ARCHITECTURAL ROOM, WALL, AND CEILING LAYOUTS PRIOR TO DESIGN OF SYSTEM. SUBMIT DESIGN AND INSTALLATION DRAWINGS PRIOR TO THE START OF CONSTRUCTION, TO THE OWNER'S UNDERWRITER WHERE APPLICABLE, THE LOCAL FIRE MARSHAL, AND ANY OTHER AUTHORITIES HAVING JURISDICTION FOR REVIEW AND APPROVAL. DESIGN AND INSTALLATION DRAWINGS SHALL BE STAMPED OR SEALED BY A NICET III DESIGNER OR A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA.
- IDENTIFYING SIGNAGE, TAGS, AND LABELS CONFORMING TO THE FIRE PROTECTION INDUSTRY STANDARDS SHALL BE SECURELY AFFIXED TO THE SYSTEM.
- SPRINKLERS INSTALLED IN AREAS WITHOUT CEILINGS, OR CEILING TILES, SHALL BE OF THE UPRIGHT TYPE.
- SPRINKLER CONTRACTOR SHALL INSTALL SPRINKLER HEADS WITHIN THE CENTER OF ANY CEILING TILE BEING PENETRATED.

FIRE PROTECTION DEMOLITION NOTES

- SEE REQUIREMENTS OF SECTION 019916 OF THE SPECIFICATION.
- THIS DEMOLITION PLAN MAY OR MAY NOT REFLECT ALL EXISTING FIRE SPRINKLER COMPONENTS AND SYSTEMS. THIS DRAWING IS BASED ON AVAILABLE DRAWINGS AND/OR VISUAL OBSERVATIONS AND IS INTENDED TO INDICATE THE MAGNITUDE OF DEMOLITION WORK REQUIRED BUT NOT TO EXCLUDE WORK NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID.
- THE SCOPE OF THE DEMOLITION WORK REQUIRED INCLUDES REMOVAL OF ITEMS THAT MUST BE REINSTALLED OR REPLACED IN ORDER TO REMOVE ANOTHER ITEM OR INSTALL NEW WORK.
- ALL EXISTING EQUIPMENT REMOVED SHALL BE DISPOSED OF BY THIS CONTRACTOR (UNLESS NOTED OTHERWISE).
- CONTRACTOR TO PATCH BUILDING CONSTRUCTION (WALLS, FLOORS, CEILINGS, ROOF, ETC.) DISTURBED BY DEMOLITION TO MATCH EXISTING. DIVISION 21 CONTRACTOR TO MINIMIZE DISTURBANCE OF REMAINING CONSTRUCTION AND SHALL COORDINATE DEMOLITION AND REPAIR WITH GENERAL CONTRACTOR.

NOTE:
THESE FIRE PROTECTION DRAWINGS ARE DIAGRAMMATIC IN NATURE. THE EXACT SPRINKLER HEAD COUNT AND LOCATION SHALL BE DETERMINED BY THE FIRE PROTECTION CONTRACTOR. THE FIRE PROTECTION MAINS INDICATED ARE FOR REFERENCE GUIDANCE ONLY AND ARE THE ENGINEERS SUGGESTED ROUTING BUT THE FINAL ROUTING SHALL BE DETERMINED BY THE CONTRACTOR. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE WORKING DRAWINGS IN ACCORDANCE WITH NFPA 13 FOR REVIEW AND APPROVAL BY THE ENGINEER AND APPLICABLE AHJ.

FIRE PROTECTION DRAWING LIST

| NO. | TITLE |
|-------|---|
| FP001 | STANDARDS, SYMBOLS & ABBREVIATIONS |
| FP100 | FIRST FLOOR BUILDING A FLOOR PLANS AND ENLARGED PLANS |
| FP101 | FIRST FLOOR BUILDING B FLOOR PLANS AND ENLARGED PLANS |
| FP102 | FIRST FLOOR WAREHOUSE FLOOR PLANS AND ENLARGED PLANS |

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TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NC

DWG BY: BME
CHK BY: JMS

DATE:
07.28.2023

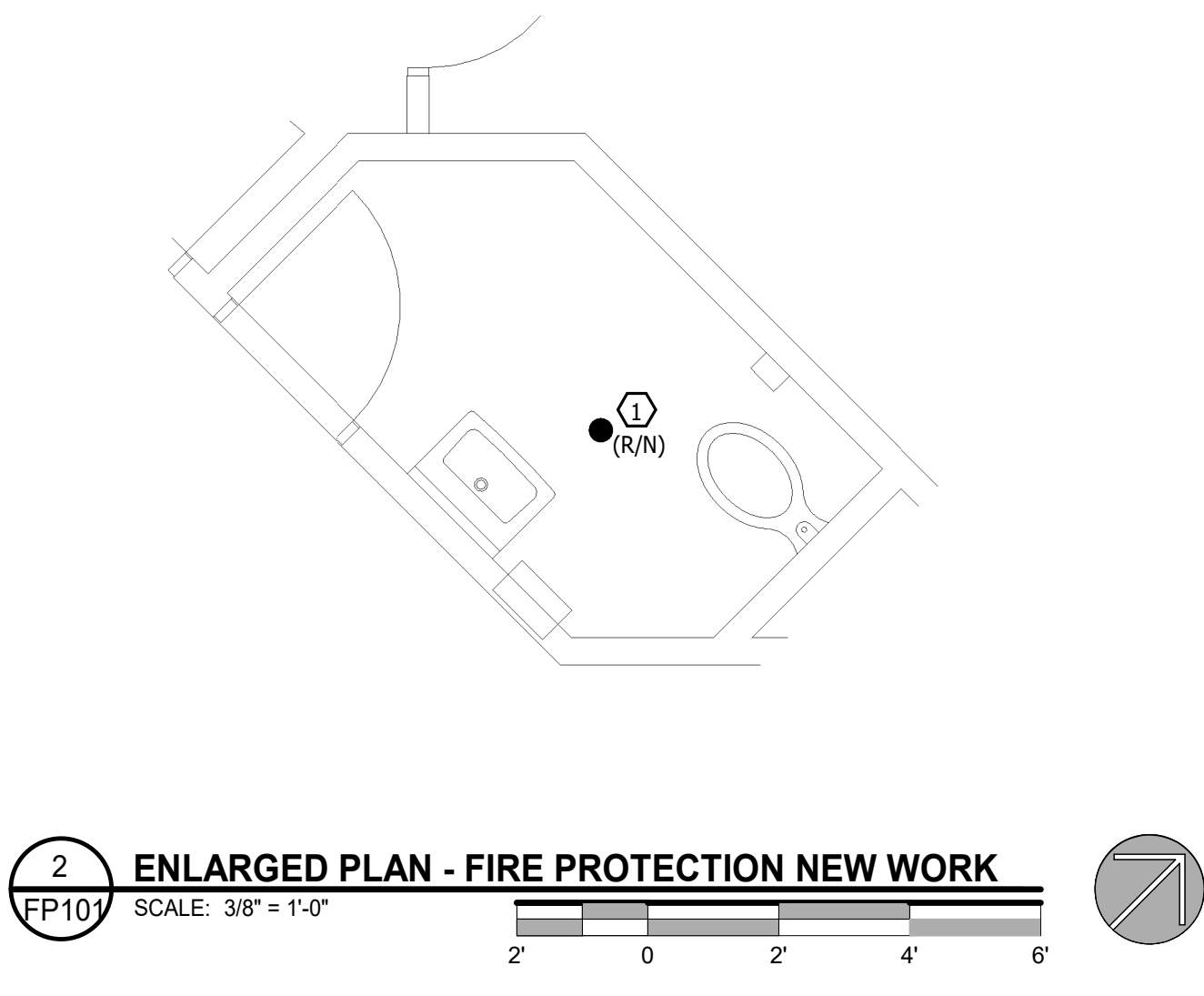
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STANDARDS, SYMBOLS & ABBREVIATIONS

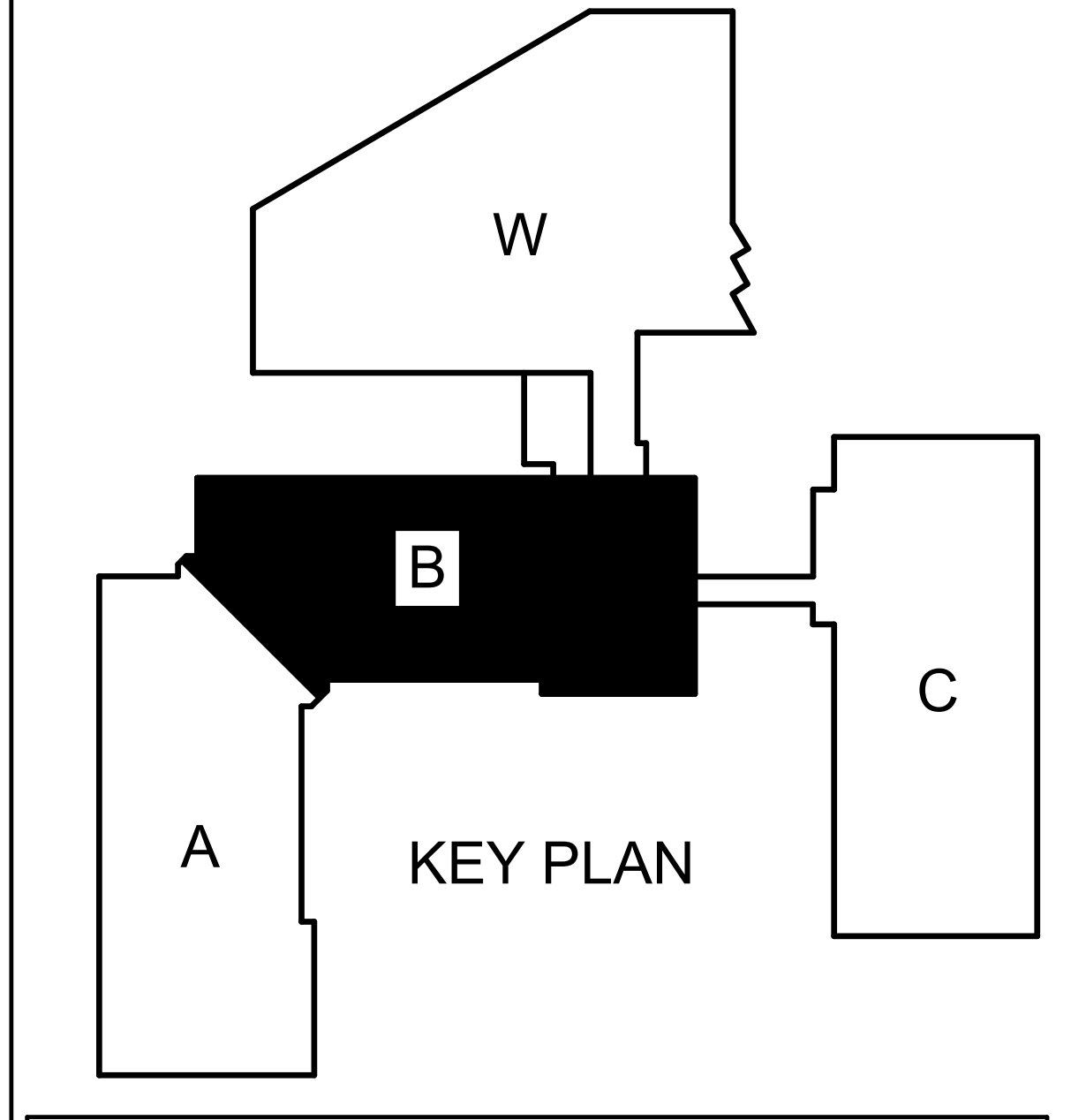
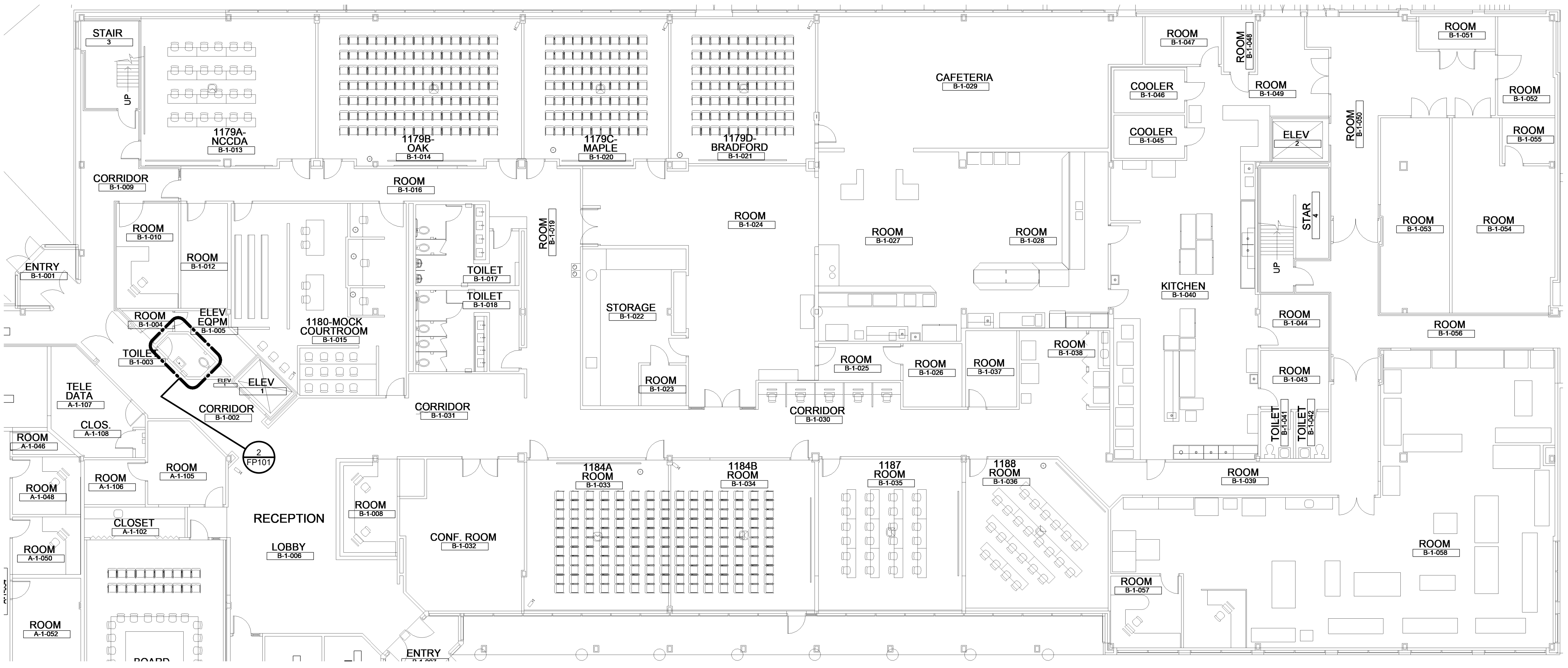
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FP001



KEY NOTES TO FP101

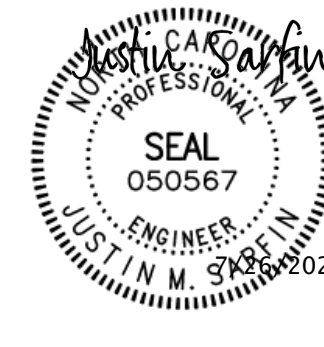
1 EXISTING SPRINKLER HEAD TO BE REMOVED AND REPLACED WITH NEW IN THE SAME LOCATION.



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FACILITY IMPROVEMENTS FOR:
**NORTH CAROLINA JUDICIAL CENTER
 TOILET IMPROVEMENTS**
 901 CORPORATE CENTER DRIVE
 RALEIGH, NC

DWG BY: BME
 CHK BY: JMS

DATE:
 07.28.2023

| NO. | DATE | DESCRIPTION |
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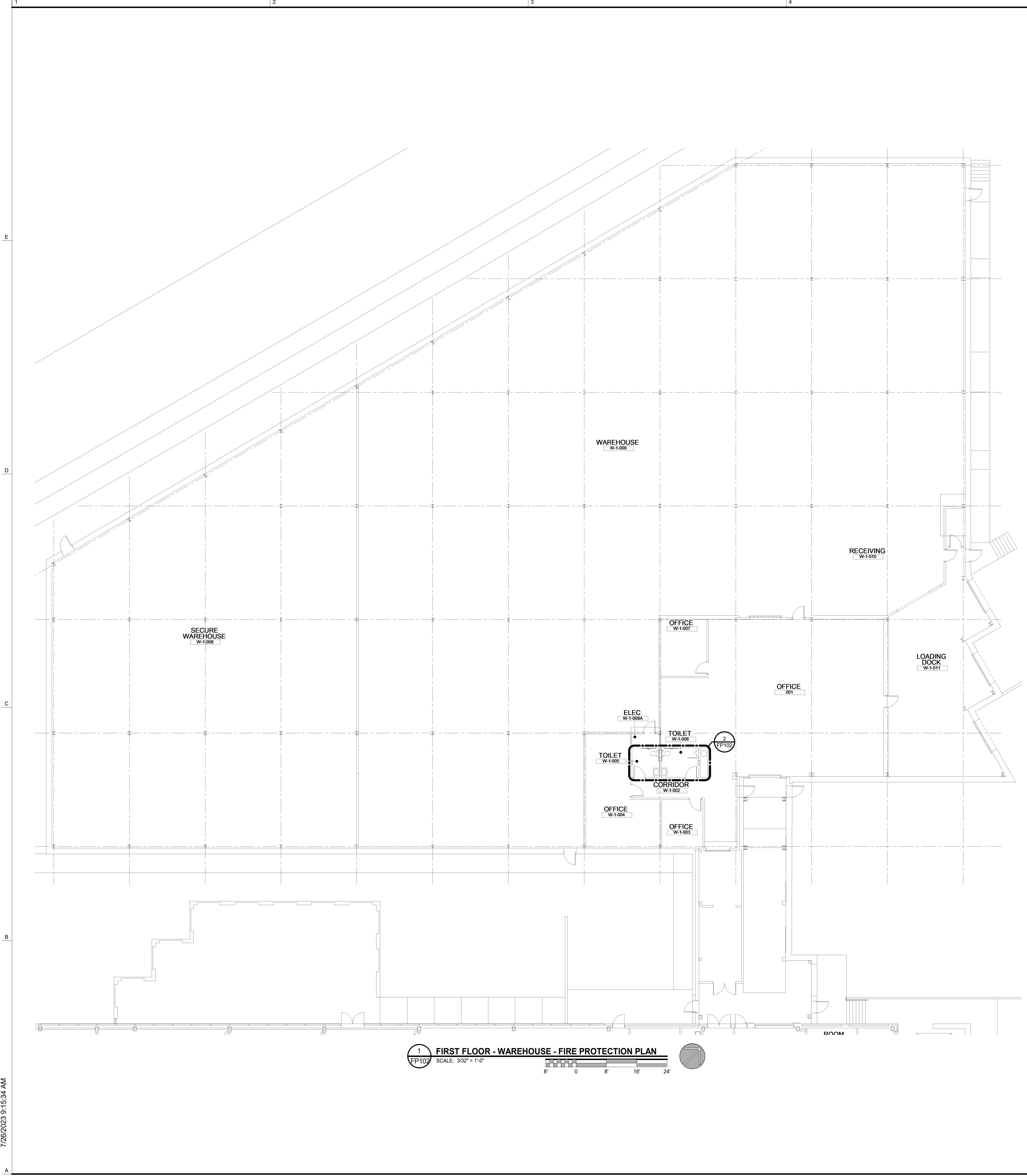
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Drawing scaled for 42x30 plots.
**FIRST FLOOR
 BUILDING B
 FLOOR PLANS
 AND ENLARGED
 PLANS**

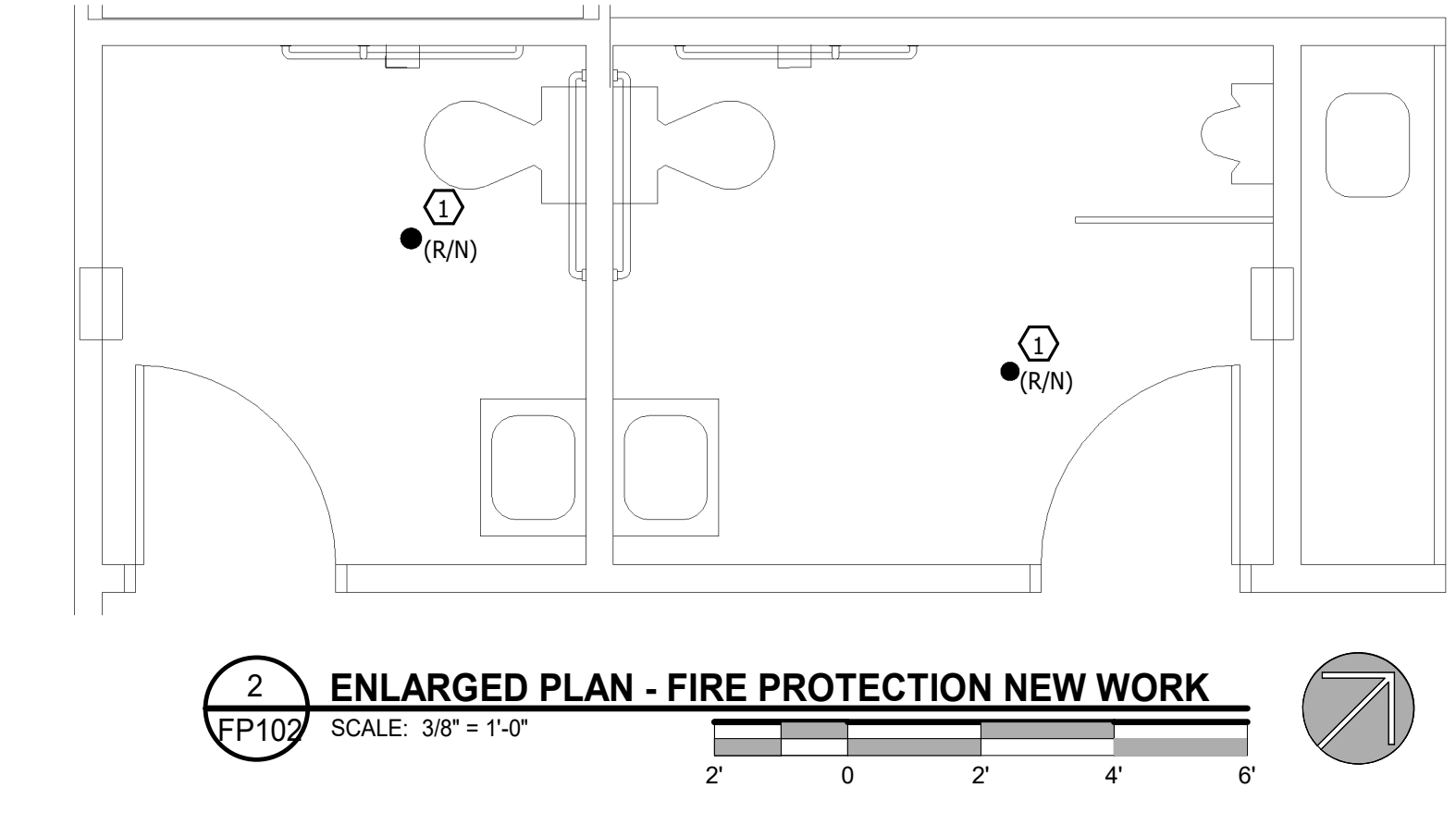
JOB CODE: 2023-02594
 DRAWING NUMBER

FP101

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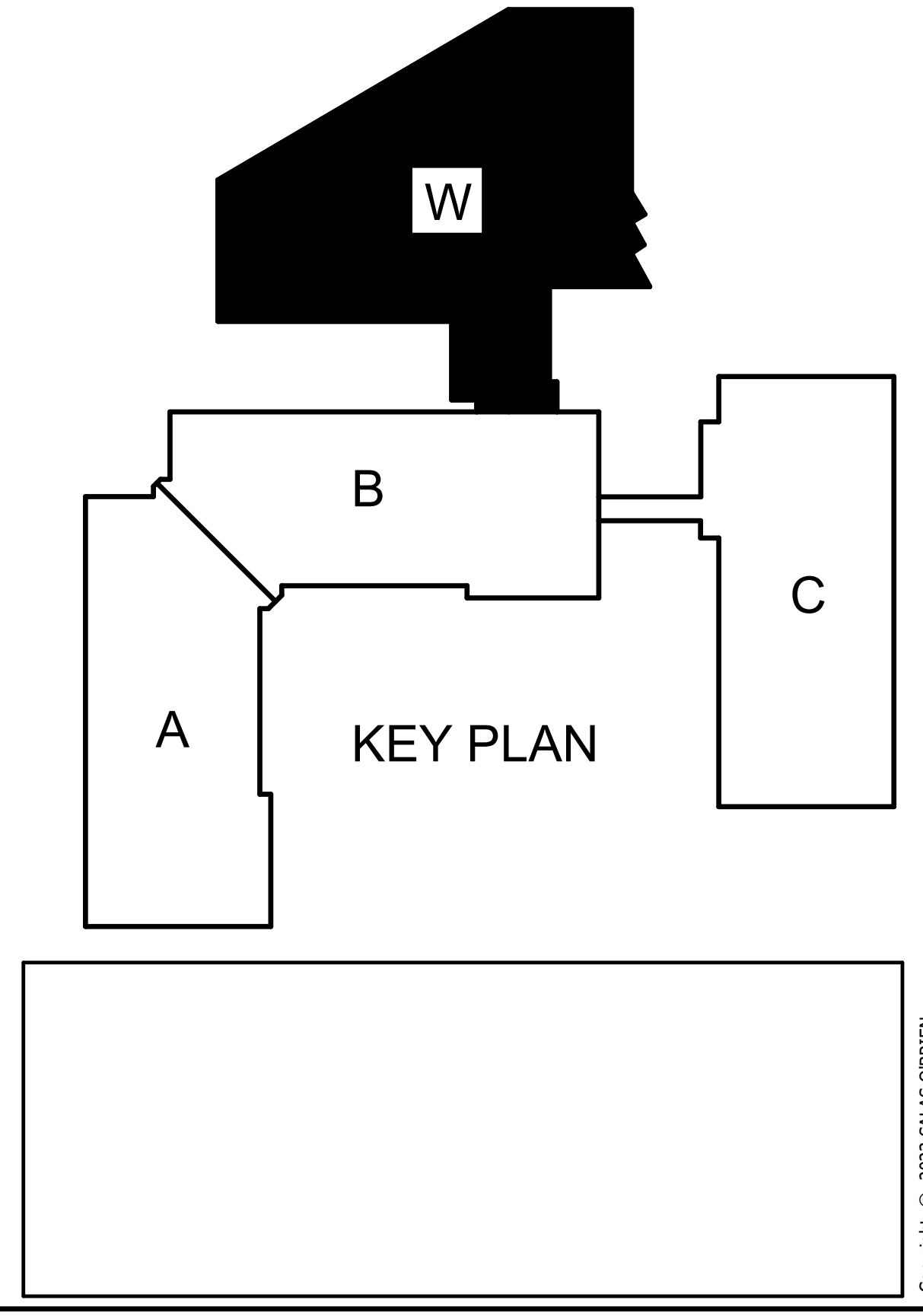
1 FIRST FLOOR - WAREHOUSE - FIRE PROTECTION PLAN
 SCALE: 3/32" = 1'-0"
 8' 0 8' 16' 24'



2 ENLARGED PLAN - FIRE PROTECTION NEW WORK
 SCALE: 3/8" = 1'-0"
 2 0 2 4 6'

KEY NOTES TO FP102

- 1 EXISTING SPRINKLER HEAD TO BE REMOVED AND REPLACED WITH NEW IN THE SAME LOCATION.

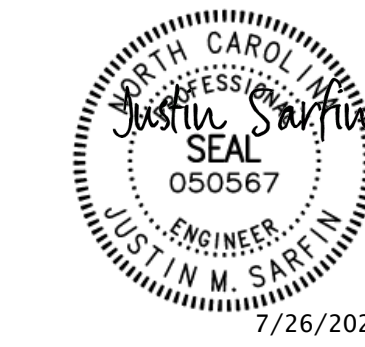


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Drawing scaled for 42x30 plots.
**FIRST FLOOR
 WAREHOUSE
 FLOOR PLANS
 AND ENLARGED
 PLANS**

JOB CODE: 2023-02594
 DRAWING NUMBER

FP102

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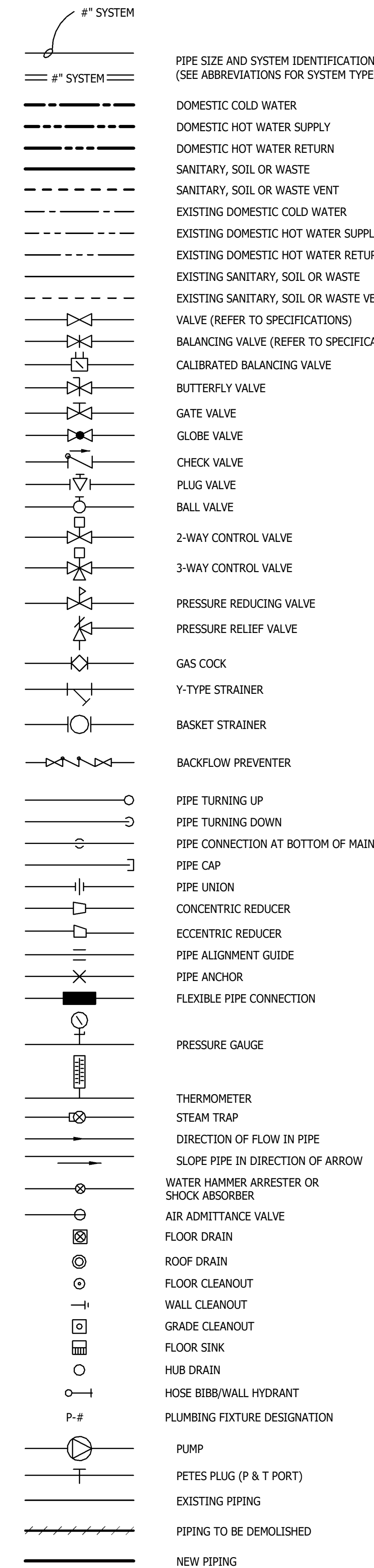
PLUMBING ABBREVIATIONS

| | |
|-------|--|
| Ø | ROUND; DIAMETER; PHASE |
| AW | ACID WASTE |
| BAW | BUILDING AUTOMATION SYSTEM |
| MBH | 1000 BRITISH THERMAL UNITS PER HOUR |
| BFP | BELOW FINISHED FLOOR |
| BP | BACKFLOW PREVENTER |
| MCH | MECHANICAL |
| BHP | BRAKE HORSEPOWER |
| BOS | BOTTOM OF STEEL |
| BOP | BOTTOM OF PIPE |
| BTU | BRITISH THERMAL UNIT |
| BTUH | BRITISH THERMAL UNIT PER HOUR |
| C | CELSIUS |
| CD | CONDENSATE DRAIN |
| CFH | CUBIC FEET PER HOUR |
| CI | CAST IRON |
| HTD | HUNG |
| CLG | CLEAN OUT |
| CO2 | CARBON DIOXIDE |
| CONC | CONCRETE |
| CPVC | CHLORINATED POLYVINYL CHLORIDE |
| CTR | CENTER |
| CU | COPPER |
| CJFT | CUBIC FOOT; CUBIC FEET |
| CYD | CUBIC YARD |
| CW | COLD WATER |
| DWC | DIRECT DIGITAL CONTROLS |
| DI | DUCTILE IRON |
| DIW | DIAMETER |
| DIA | DEIONIZED WATER |
| DD | DIVISION |
| DDC | DIRECT DIGITAL CONTROLS |
| ODL | OVERFLOW (EMERGENCY) DRAIN LEADER |
| OSD | OPEN SIGHT DRAIN |
| P | PUMP |
| PD | PRESSURE DROP; PUMPED DISCHARGE |
| PRV | PRESSURE REDUCING VALVE; PRESSURE RELIEF VALVE |
| PSI | POUNDS PER SQUARE INCH |
| PSIA | POUNDS PER SQUARE INCH ABSOLUTE |
| EA | EACH |
| AV | ACID VENT |
| AUTO | AUTOMATIC |
| ARCH | ARCHITECTURAL; ARCHITECT |
| ALT | ALTERNATE |
| AFH | ANTI-FREEZE HYDRANT |
| AFG | ABOVE FINISHED GRADE |
| REIN | REINFORCING |
| REIN | REINFORCING |
| REV | REVISION |
| RL | ROOF LEADER |
| RO | REVERSE OSMOSIS |
| RPM | REVOLUTIONS PER MINUTE |
| RPZ | REDUCED PRESSURE ZONE |
| RM | ROOM |
| SCFM | STANDARD CUBIC FEET PER MINUTE |
| SCH | SCHEDULE |
| SD | STORM DRAIN |
| SEC | SECTION |
| SPEC | SPECIFICATION |
| SF | SQUARE FEET |
| SRV | SAFETY RELIEF VALVE |
| SS | SERVICE SINK; STAINLESS STEEL; SANITARY SEWER |
| F | FAHRENHEIT |
| FCO | FLOOR CLEANOUT |
| FD | FLOOR DRAIN |
| FPE | FINISHED FLOOR ELEVATION |
| FLR | FLOOR |
| FLA | FULL LOAD AMPS |
| FLEX | FLEXIBLE |
| FS | FLOOR SINK |
| FT | FOOT; FEET |
| G | NATURAL GAS |
| GAGE | GAGE |
| GAL | GALLONS |
| GC | GENERAL CONTRACTOR |
| GCD | GRADE CLEANOUT |
| GPH | GALLONS PER HOUR |
| GPM | GALLONS PER MINUTE |
| GWH | GAS WATER HEATER |
| HB | HOSE BIBB |
| HD | HUB DRAIN; HEAT DETECTOR |
| HORIZ | HORIZONTAL |
| HP | HIGH PRESSURE OR HORSEPOWER |
| HT | HEIGHT |
| HTG | HEATING |
| HW | HOT WATER |
| HW | HOT WATER RETURN |
| HXR | HEAT EXCHANGER |
| ID | INDIRECT DRAIN OR INSIDE DIAMETER |
| IN | INCH |
| INV | INVERT |
| KW | KILOWATT |
| LP | LOW PRESSURE |
| LPG | LIQUID PETROLEUM GAS |

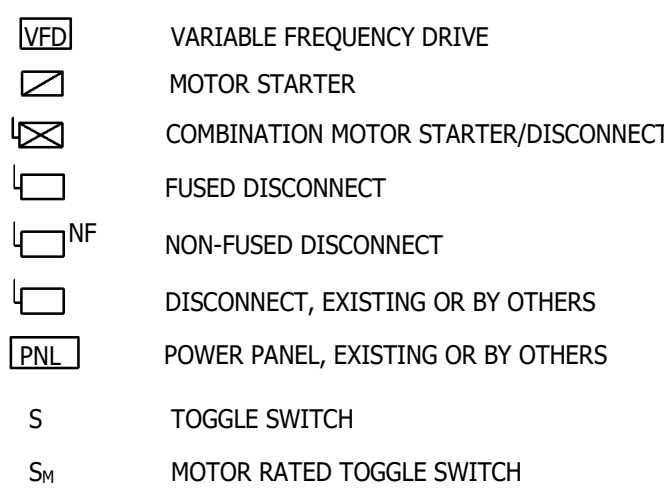
PLUMBING ABBREVIATIONS

| | |
|-------|--|
| MA | MEDICAL AIR |
| MAX | MAXIMUM |
| MBH | 1000 BRITISH THERMAL UNITS PER HOUR |
| MCA | MINIMUM CIRCUIT AMPS |
| MCH | MECHANICAL |
| MFG | MANUFACTURING |
| MFR | MANUFACTURER |
| MH | MANHOLE |
| MIN | MINIMUM |
| MOC | MAXIMUM OVER CURRENT PROTECTION |
| MP | MEDIUM PRESSURE |
| MRT | MOTOR RATED TOGGLE SWITCH |
| MS | MOTOR STARTER |
| MS/D | COMBINATION MOTOR STARTER & DISCONNECT |
| NIC | NOT IN CONTRACT |
| N | NITROGEN |
| N.C. | NORMALLY CLOSED |
| N.O. | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| O | OXYGEN |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER; OVERFLOW (EMERGENCY) DRAIN |
| ODL | OVERFLOW (EMERGENCY) DRAIN LEADER |
| OSD | OPEN SIGHT DRAIN |
| P | PUMP |
| PD | PRESSURE DROP; PUMPED DISCHARGE |
| PRV | PRESSURE REDUCING VALVE; PRESSURE RELIEF VALVE |
| PSI | POUNDS PER SQUARE INCH |
| PSIA | POUNDS PER SQUARE INCH ABSOLUTE |
| PSG | POUNDS PER SQUARE INCH GAUGE |
| PVC | POLYVINYL CHLORIDE |
| QTY | QUANTITY |
| RD | ROUND; ROOF DRAIN |
| RL | ROOF DRAIN LEADER |
| RECUR | RECURCULATING |
| REIN | REINFORCING |
| REV | REVISION |
| RL | ROOF LEADER |
| RO | REVERSE OSMOSIS |
| RPM | REVOLUTIONS PER MINUTE |
| RPZ | REDUCED PRESSURE ZONE |
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| FLR | FLOOR |
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| HB | HOSE BIBB |
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| HORIZ | HORIZONTAL |
| HP | HIGH PRESSURE OR HORSEPOWER |
| HT | HEIGHT |
| HTG | HEATING |
| HW | HOT WATER |
| HW | HOT WATER RETURN |
| HXR | HEAT EXCHANGER |
| ID | INDIRECT DRAIN OR INSIDE DIAMETER |
| IN | INCH |
| INV | INVERT |
| KW | KILOWATT |
| LP | LOW PRESSURE |
| LPG | LIQUID PETROLEUM GAS |

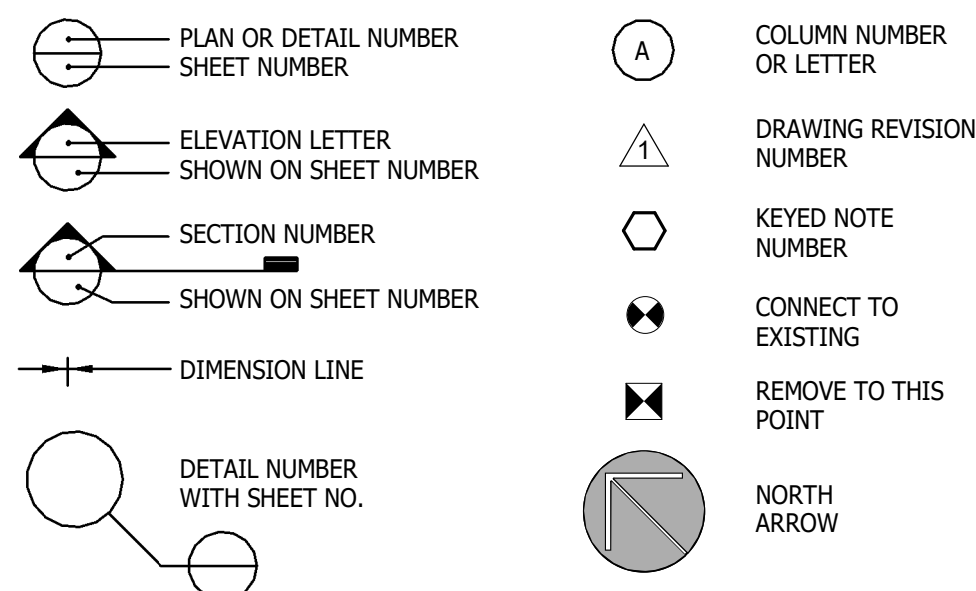
PLUMBING PIPING SYMBOLS



ELECTRICAL SYMBOLS



GENERAL SYMBOLS



PLUMBING GENERAL NOTES

- COORDINATE WORK WITH OTHER TRADES PRIOR TO PURCHASE AND INSTALLATION OF ANY PIPING, OR EQUIPMENT. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
- REFER TO THE ARCHITECTURAL PLANS FOR DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
- ALL PIPING LAYOUTS AND LOCATIONS SHOWN ARE DIAGRAMMATIC AND DO NOT INDICATE ALL FITTINGS REQUIRED TO COMPLETE WORK. COORDINATE THE PIPING LAYOUT WITH ALL CONTRACTORS PRIOR TO INSTALLATION, INCLUDING CONDUITS AND CABLE TRAYS. PROVIDE ALL PIPING OFFSETS REQUIRED FOR THE COMPLETE INSTALLATION OF THE SYSTEM WHETHER OR NOT THE OFFSETS ARE INDICATED ON THE PLANS. INSTALL PIPING HIGH ENOUGH TO AVOID LIGHTS, CONDUIT AND MISCELLANEOUS PIPING, BUT LOW ENOUGH TO ALLOW FOR EASY ACCESS TO SYSTEM BALANCING DEVICES. DO NOT BLOCK ACCESS TO DEVICES.
- LOCATE PIPING AND EQUIPMENT SUCH THAT ACCESS PANELS MAY BE FULLY OPENED (VIA TILE CEILING) FOR SERVICING VALVES. COORDINATE LOCATION WITH LIGHTING FIXTURES OR ANY OTHER EQUIPMENT.
- COORDINATE WORK WITH OTHER TRADES PRIOR TO PURCHASE AND INSTALLATION OF EQUIPMENT AND MATERIALS. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- INSTALL ALL EQUIPMENT WITH THE MANUFACTURER'S RECOMMENDATION AND CODE REQUIRED CLEARANCES. INSURE ALL ITEMS FURNISHED WILL FIT IN THE SPACE AVAILABLE. MAKE NECESSARY FIELD MEASUREMENTS TO ASCERTAIN SPACE REQUIREMENTS AND FURNISH AND INSTALL SUCH SIZES AND SHAPES OF EQUIPMENT THAT ARE THE TRUE INTENT AND MEANING OF THE PLANS AND SPECIFICATIONS. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO PURCHASE AND INSTALLATION.
- COORDINATE LOCATIONS AND ELEVATIONS OF ALL EXPOSED ITEMS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: SENSORS, WALL DEVICES, CONTROL PANELS, AND ALARMS.
- FURNISH 24"x24" ACCESS DOORS (UNLESS OTHERWISE INDICATED) AT ALL MAINTENANCE ITEMS THAT ARE CONCEALED, SUCH AS EQUIPMENT, VALVES, SENSORS, ETC. COORDINATE EXACT LOCATIONS WITH ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
- THE SIZE OF COLD AND HOT WATER PIPE RUNOUTS TO FIXTURES SHALL BE THE SAME AS THE PORTABLE WATER CONNECTIONS LISTED IN THE PLUMBING FIXTURE SCHEDULE, UNLESS NOTED OTHERWISE.
- THE SIZE OF SANITARY WASTE AND VENT PIPING TO FIXTURE SHALL BE THE SAME AS WASTE AND VENT CONNECTIONS LISTED IN THE PLUMBING FIXTURE SCHEDULE, UNLESS NOTED OTHERWISE.
- LOW EMITTING ADHESIVE & SEALANT MATERIALS AND PAINTS & COATINGS SHALL BE USED BY ALL TRADES. ALL SUCH MATERIALS SHOULD BE LABELED WITH APPROPRIATE VOC LIMITS. MATERIALS THAT DO NOT COMPLY WILL BE REMOVED AND REAPPLIED WITH LOW VOC MATERIALS.

PLUMBING DEMOLITION NOTES:

- SEE REQUIREMENTS OF SECTION 019914 OF THE SPECIFICATION.
- THIS DEMOLITION PLAN MAY OR MAY NOT REFLECT ALL EXISTING PLUMBING COMPONENTS AND SYSTEMS. THIS DRAWING IS BASED ON AVAILABLE DRAWINGS AND/OR VISUAL OBSERVATIONS AND IS INTENDED TO INDICATE THE MAGNITUDE OF DEMOLITION WORK REQUIRED BUT NOT TO EXCLUDE WORK NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID.
- THE SCOPE OF THE DEMOLITION WORK REQUIRED INCLUDES REMOVAL OF ITEMS THAT MUST BE REINSTALLED OR REPLACED IN ORDER TO REMOVE ANOTHER ITEM OR INSTALL NEW WORK.
- ALL EXISTING EQUIPMENT REMOVED SHALL BE DISPOSED OF BY THIS CONTRACTOR (UNLESS NOTED OTHERWISE).
- GENERAL CONTRACTOR TO PATCH BUILDING CONSTRUCTION (WALLS, FLOORS, CEILINGS, ROOF, ETC.) DISTURBED BY PLUMBING DEMOLITION TO MATCH EXISTING. PLUMBING CONTRACTOR TO MINIMIZE DISTURBANCE OF REMAINING CONSTRUCTION AND SHALL COORDINATE DEMOLITION AND REPAIR WITH GENERAL CONTRACTOR.

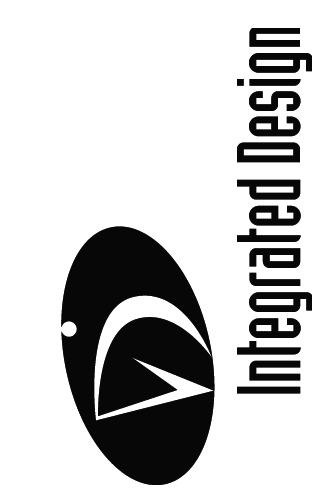
PLUMBING FIXTURE SCHEDULE

| TAG | ADA | FIXTURE DESCRIPTION | BASIS OF DESIGN | CW | HW | WASTE | VENT | MOUNTING HEIGHT | REMARKS | IMAGE #1 | IMAGE #2 |
|------|-----|------------------------------|--|--------|------|-------|------|---|---------|----------|----------|
| P-1A | Yes | WATER CLOSET | BOWL: AMERICAN STANDARD 227-101, ELONGATED BOWL, WALL MOUNTED, SUITABLE FOR 1.28 OR 1.6 GPF. FLUSH VALVE: SLOAN G2 8111-L-6, BATTERY POWERED, POLISHED CHROME FINISH, 1.6 GPF. CARRIER: ZURN SIPHON JET CARRIER SYSTEM. SEAT: AMERICAN STANDARD 5901-100, ELONGATED, OPEN-FRONT, SELF-SUSTAINING CHECK HINGES. | 1-1/4" | - | 4" | 2" | RIM 17" AFF | | | |
| P-1B | No | WATER CLOSET | BOWL: AMERICAN STANDARD 227-101, ELONGATED BOWL, WALL MOUNTED, SUITABLE FOR 1.28 OR 1.6 GPF. FLUSH VALVE: SLOAN G2 8111-L-6, BATTERY POWERED, POLISHED CHROME FINISH, 1.6 GPF. CARRIER: ZURN SIPHON JET CARRIER SYSTEM. SEAT: AMERICAN STANDARD 5901-100, ELONGATED, OPEN-FRONT, SELF-SUSTAINING CHECK HINGES. | 1-1/4" | - | 4" | 2" | RIM 15" AFF | | | |
| P-1C | Yes | WATER CLOSET | BOWL: KOHLER HIGHCLIFF K-96056, ELONGATED BOWL, FLOOR MOUNTED, 16-5/8" RIM HEIGHT, SUITABLE FOR 1.28 OR 1.6 GPF. FLUSH VALVE: SLOAN G2 8112-L-6-XD, BATTERY POWERED, POLISHED CHROME FINISH, 1.6 GPF. SEAT: KOHLER K-4670-SC, ELONGATED, OPEN-FRONT, SELF-SUSTAINING CHECK HINGES. | 1-1/4" | - | 4" | 2" | | | | |
| P-2A | Yes | URINAL | URINAL: KOHLER DEXTER K-5016-ET, SIPHON JET, TOP SPUD, SUITABLE FOR 0.5 OR 1.0 GPF. FLUSH VALVE: SLOAN G2 8186-0.5, BATTERY POWERED, POLISHED CHROME FINISH, 0.5 GPF. | 1" | - | 2" | 2" | LIP 17" AFF | | | |
| P-2B | No | URINAL | URINAL: KOHLER DEXTER K-5016-ET, SIPHON JET, TOP SPUD, SUITABLE FOR 0.5 OR 1.0 GPF. FLUSH VALVE: SLOAN G2 8186-0.5, BATTERY POWERED, POLISHED CHROME FINISH, 0.5 GPF. | 1" | - | 2" | 2" | LIP 24" AFF | | | |
| P-3A | Yes | LAVATORY | SINK: KOHLER VERTICYL K-8189, WHITE, VITREOUS CHINA, 17" RECTANGULAR UNDERMOUNT LAVATORY. FAUCET & SOAP DISPENSER: SLOAN OPTIMA SENSOR FAUCET, EAF-150-ISM-CF-0.5GPM-AER-IR-IQ-FCT, ASSE 1070 APPROVED, BATTERY POWERED. SLOAN SOAP DISPENSER ESD-1500-CP. DRAIN(TAILPIECE): ELKAY LK35 SINK DRAIN, TYPE 304 STAINLESS STEEL BODY, BASKET STRAINER WITH METAL STEM AND RUBBER STOPPER, 1-1/2" CHROME PLATED BRASS TAILPIECE. P-TRAP: MCGUIRE MANUFACTURING CO., INC. MODEL 8912DF, 1 1/2" x 1 1/2", HEAVY CAST BRASS BODY P-TRAP WITH CLEANOUT PLUG AND 17 GAUGE SEAMLESS TUBULAR BRASS WALL BEND, DEEP BRASS WALL FLANGE, ALL POLISHED CHROME PLATED. MCGUIRE 520A2, HEAVY DUTY END OUTLET CONTINUOUS WASTE WITH HEAVY CHROME PLATED CAST BRASS TEES, 17 GAUGE SEAMLESS BRASS TUBING, CAST BRASS SLIP NUTS AND CLEANOUT END CAPS. SUPPLIES: MCGUIRE MANUFACTURING CO., INC. MODEL LPH2165-NS, LEAD-FREE, HEAVY PATTERN, CHROME PLATED BRASS ANGLE STOP WITH BRASS STEM, 1/2" IPS x 3/8" OD COMPRESSION, 5" CAST BRASS NIPPLE, WHEEL HANDLE, FLEXIBLE CHROME PLATED COPPER RISER, CHROME PLATED BRASS WALL FLANGE. PIPING COVERS: MCGUIRE MANUFACTURING CO., INC. MODEL PW2000 SEAMLESS INSULATOR, MOLDED CLOSED CELL VINYL, 3/16" THICK, WHITE COVERS FOR TRAP, TAILPIECE, WALL BEND AND TWO (2) SUPPLIES. | 1/2" | 1/2" | 2" | 2" | | | | |
| P-3B | Yes | LAVATORY | SINK: KOHLER PINOIR K-2028-1, WALL MOUNTED, SINGLE FAUCET HOLES. FAUCET & SOAP DISPENSER: SLOAN OPTIMA SENSOR FAUCET, EAF-150-ISM-CF-0.5GPM-AER-IR-IQ-FCT, ASSE 1070 APPROVED, BATTERY POWERED. SLOAN SOAP DISPENSER ESD-1500-CP. DRAIN(TAILPIECE): MCGUIRE 155A, OPEN GRID CHROME PLATED PO PLUG, 1-1/4" x 6" TAILPIECE. P-TRAP: MCGUIRE 8902DF, 1-1/4" x 1-1/2", ADJUSTABLE, CLEANOUT PLUG, 11-1/2" CENTER TO END LENGTH. SUPPLIES: MCGUIRE LPH2165, WHEEL HANDLE SUPPLY KIT, 1/2" IPS x 3/8" OD ANGLE STOP VALVE, 12" FLEXIBLE COPPER RISERS. PIPING COVERS: TRUEBRO LAV GUARD 2 102-EZ, P-TRAP COVER AND TWO ANGLE VALVE COVERS, PAINTABLE WHITE FINISH, REUSABLE FASTENERS. | 1/2" | 1/2" | 2" | 2" | 34" AFF | | | |
| P-6A | Yes | WATER COOLER / BOTTLE FILLER | ELKAY MODEL LVRGRNTRWSK, WALL MOUNTED BI-LEVEL WATER COOLER AND BOTTLE FILLING STATION, REFRIGERATED, FILTERED, STAINLESS STEEL, 115V POWER. | 1/2" | - | 2" | 2" | AS RECOMMENDED BY MANUFACTURER FOR ADA COMPLIANCE | | | |

PLUMBING DRAWING LIST

| NO. | TITLE |
|------|--|
| P001 | STANDARDS, SYMBOLS & ABBREVIATIONS |
| P101 | LOWER LEVEL BUILDING C FLOOR PLANS AND ENLARGED PLANS |
| P100 | FIRST FLOOR BUILDING C FLOOR PLANS AND ENLARGED PLANS |
| P101 | FIRST FLOOR BUILDING B FLOOR PLANS AND ENLARGED PLANS |
| P102 | FIRST FLOOR BUILDING B FLOOR PLANS AND ENLARGED PLANS |
| P103 | FIRST FLOOR BUILDING C FLOOR PLANS AND ENLARGED PLANS |
| P104 | FIRST FLOOR WAREHOUSE FLOOR PLANS AND ENLARGED PLANS |
| P200 | SECOND FLOOR BUILDING A FLOOR PLANS AND ENLARGED PLANS |
| P201 | SECOND FLOOR BUILDING B FLOOR PLANS AND ENLARGED PLANS |
| P202 | SECOND FLOOR BUILDING C FLOOR PLANS AND ENLARGED PLANS |

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TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NC

DWG BY: BME
CHK BY: JMS

DATE:
07.28.2023

REVISIONS
NO. DATE DESCRIPTION
0 7/28/2023 ISSUE FOR PERMIT

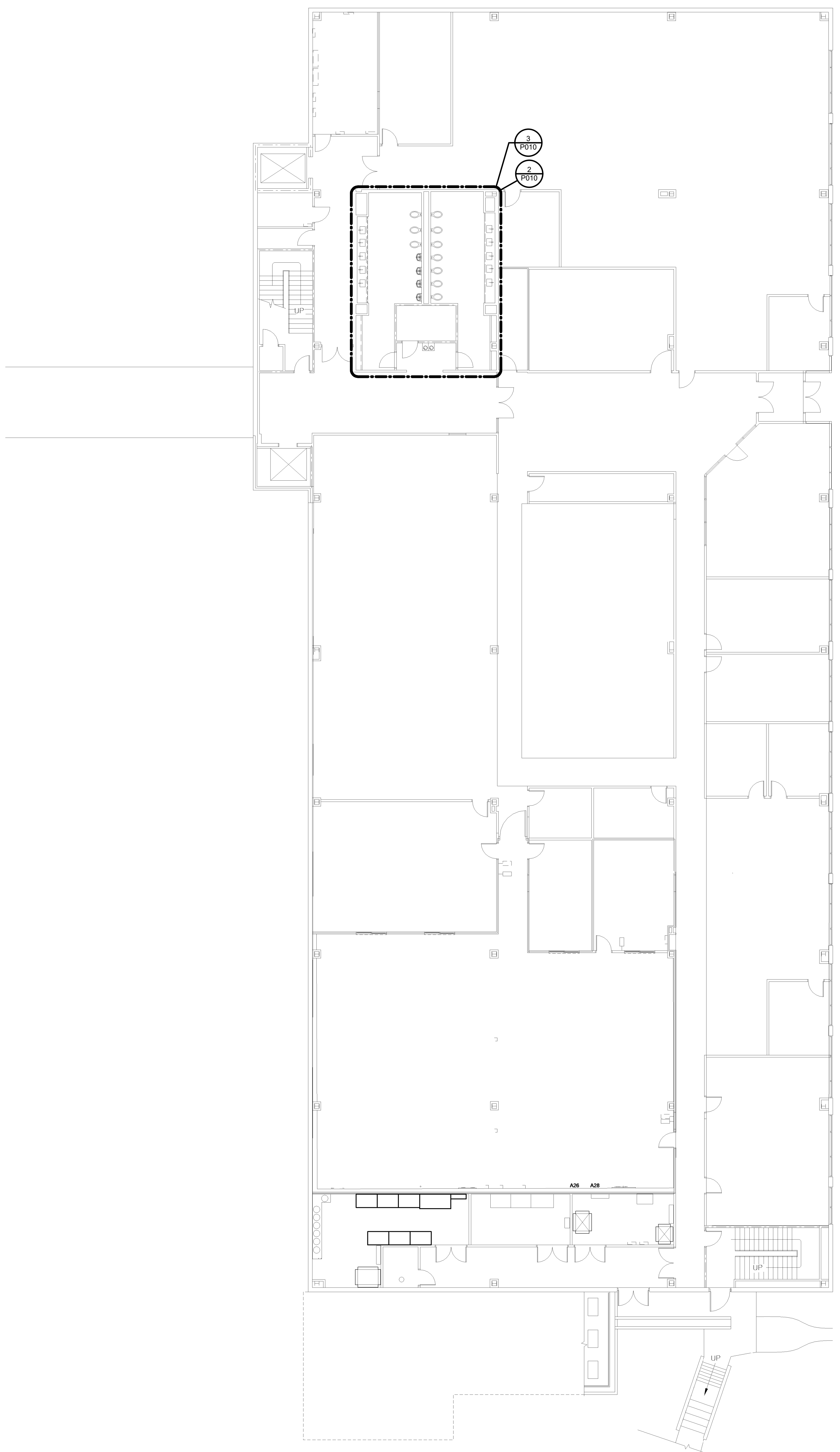
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STANDARDS, SYMBOLS & ABBREVIATIONS
DRAWING NUMBER

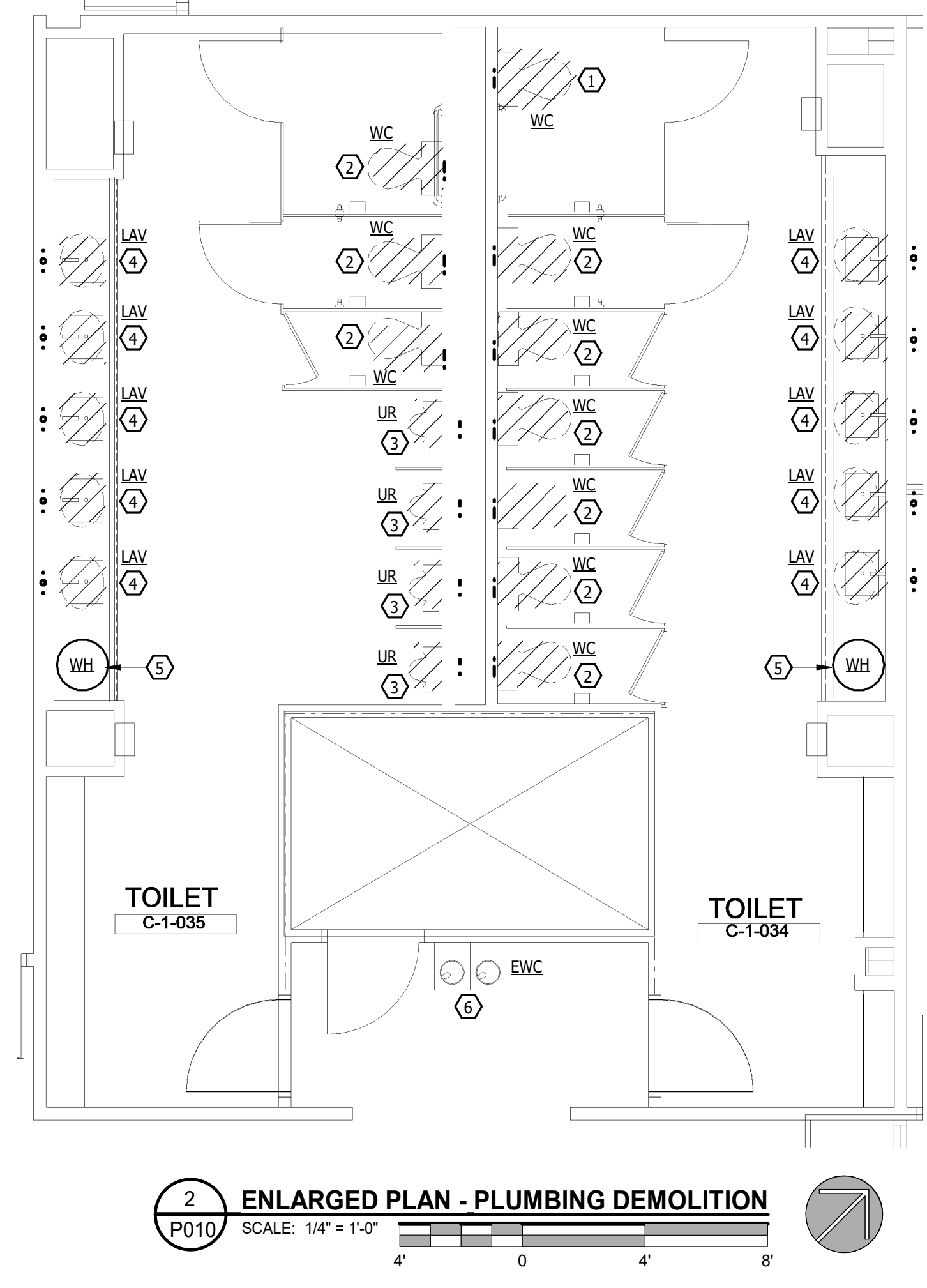
JOB CODE: 2023-02594
DRAWING NUMBER

P001

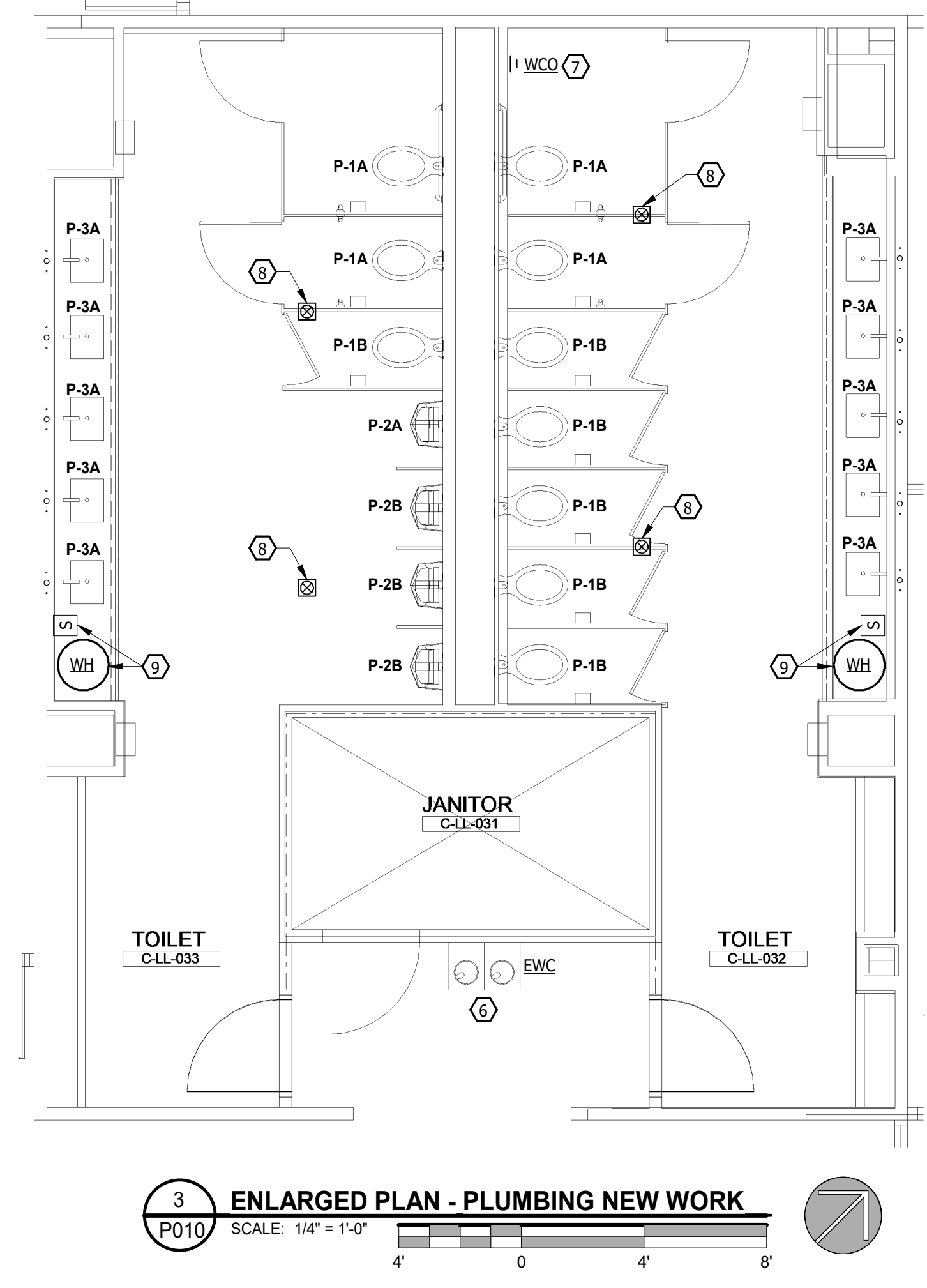
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1 LOWER LEVEL - BUILDING C - PLUMBING PLAN
 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'

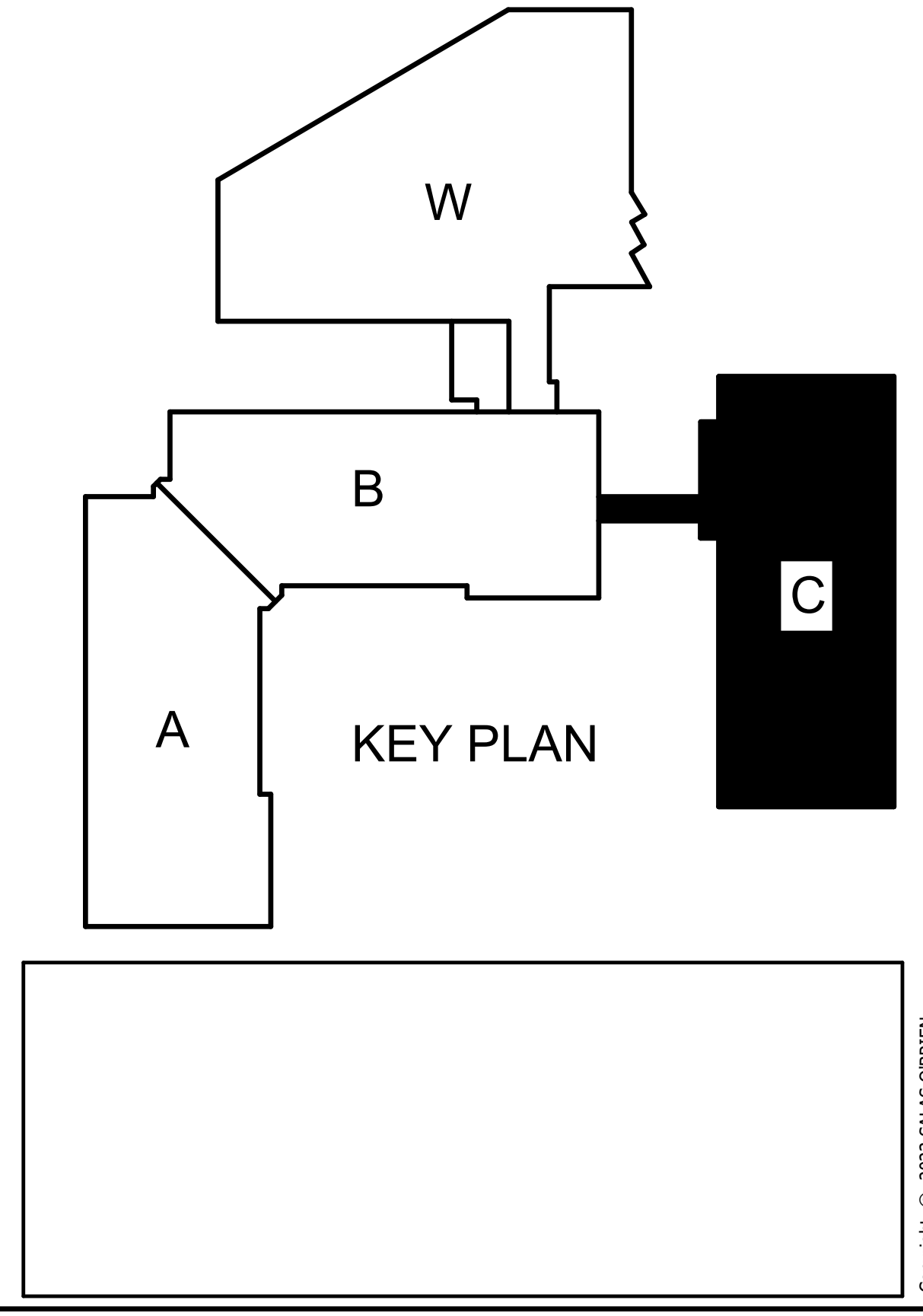


2 ENLARGED PLAN - PLUMBING DEMOLITION
 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'



3 ENLARGED PLAN - PLUMBING NEW WORK
 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'

- KEY NOTES TO P010**
- 1 REMOVE EXISTING WATER CLOSET, NEW WALL CLEANOUT TO BE SHOWN IN ITS PLACE.
 - 2 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET.
 - 3 REMOVE THE EXISTING URINAL. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW URINAL.
 - 4 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY.
 - 5 EXISTING WATER HEATER TO REMAIN. THE CONTRACTOR SHALL COORDINATE REMOVING THE WATER HEATER TO WORK ON THE CASEWORK IN THE FIELD PRIOR TO INSTALLATION. THE CONTRACTOR SHALL PROVIDE FLEXIBLE PIPING OR ANY OTHER REQUIRED MATERIALS TO RE-CONNECT THE WATER HEATER TO THE EXISTING ROUGH-INS.
 - 6 EXISTING ELECTRIC WATER COOLER TO REMAIN.
 - 7 PROVIDE A NEW WALL CLEANOUT WHERE THE PREVIOUS WATER CLOSET WAS LOCATED.
 - 8 CONTRACTOR TO REPLACE EXISTING FLOOR DRAIN STRAINER WITH STAINLESS STEEL STRAINER.
 - 9 THE CONTRACTOR SHALL ADD A SERVICE DISCONNECT SWITCH AND BRANCH CIRCUIT CONNECTION TO THE EXISTING WATER HEATER. THIS SWITCH MAY BE A TOGGLE TYPE DEVICE. CONFIRM VOLTAGE AND RATING TO MATCH EQUIPMENT NAMEPLATE.



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 PROFESSIONAL ENGINEER
 M. S. SALASOBRIEN
 050567
 7/26/2023

FACILITY IMPROVEMENTS FOR:
**NORTH CAROLINA JUDICIAL CENTER
 TOILET IMPROVEMENTS**
 901 CORPORATE CENTER DRIVE
 RALEIGH, NC

DWG BY: BME
 CHK BY: JMS
 DATE: 07.28.2023

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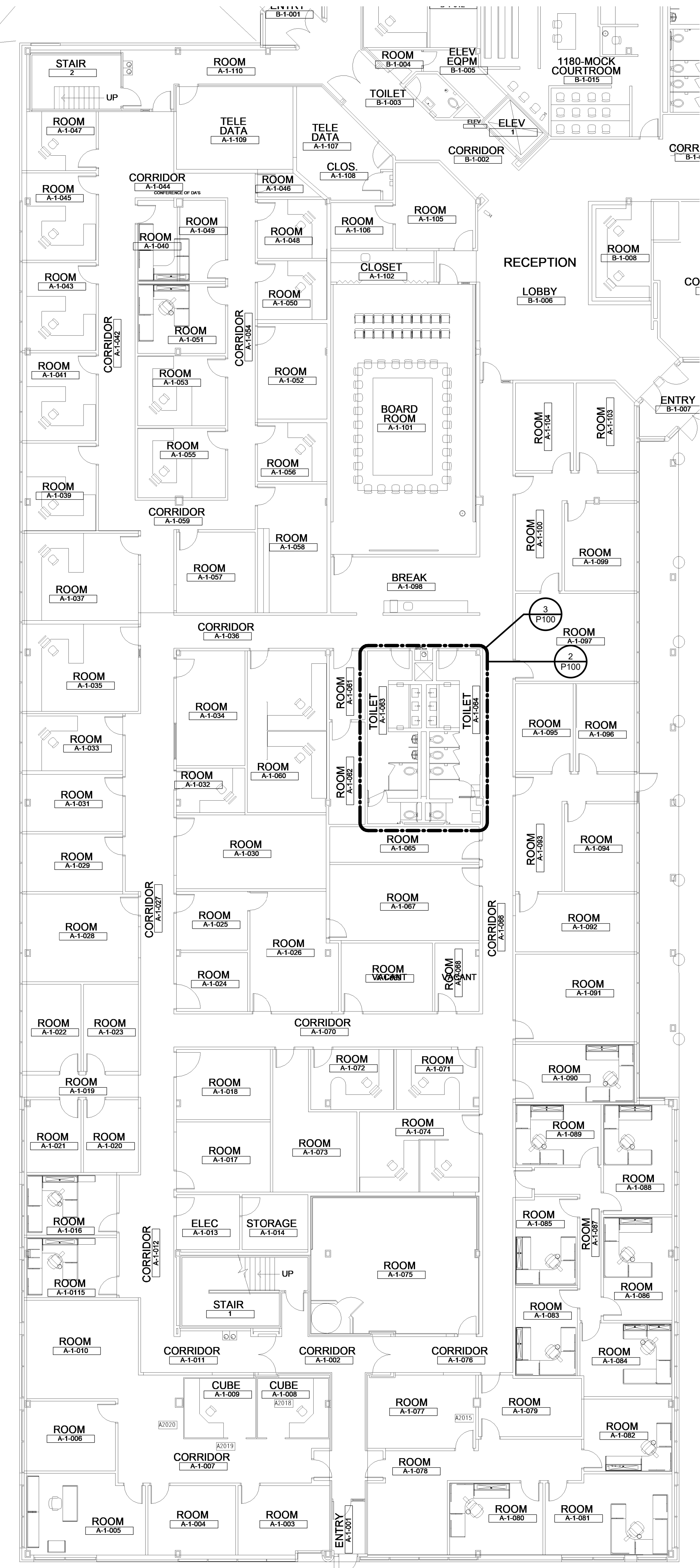
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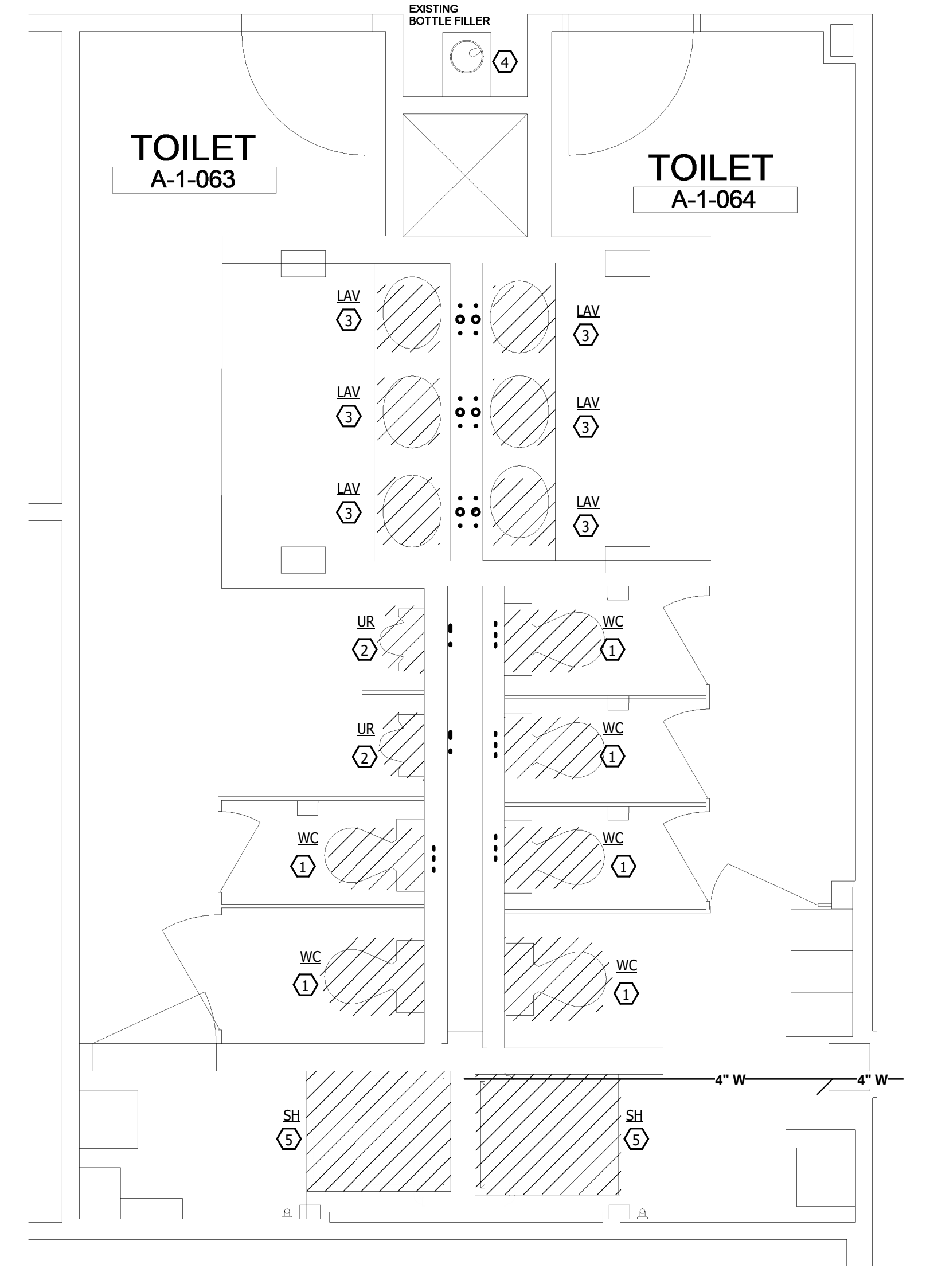
LOWER LEVEL
 BUILDING C
 FLOOR PLANS
 AND ENLARGED
 PLANS

JOB CODE: 2023-02594
 DRAWING NUMBER
P010

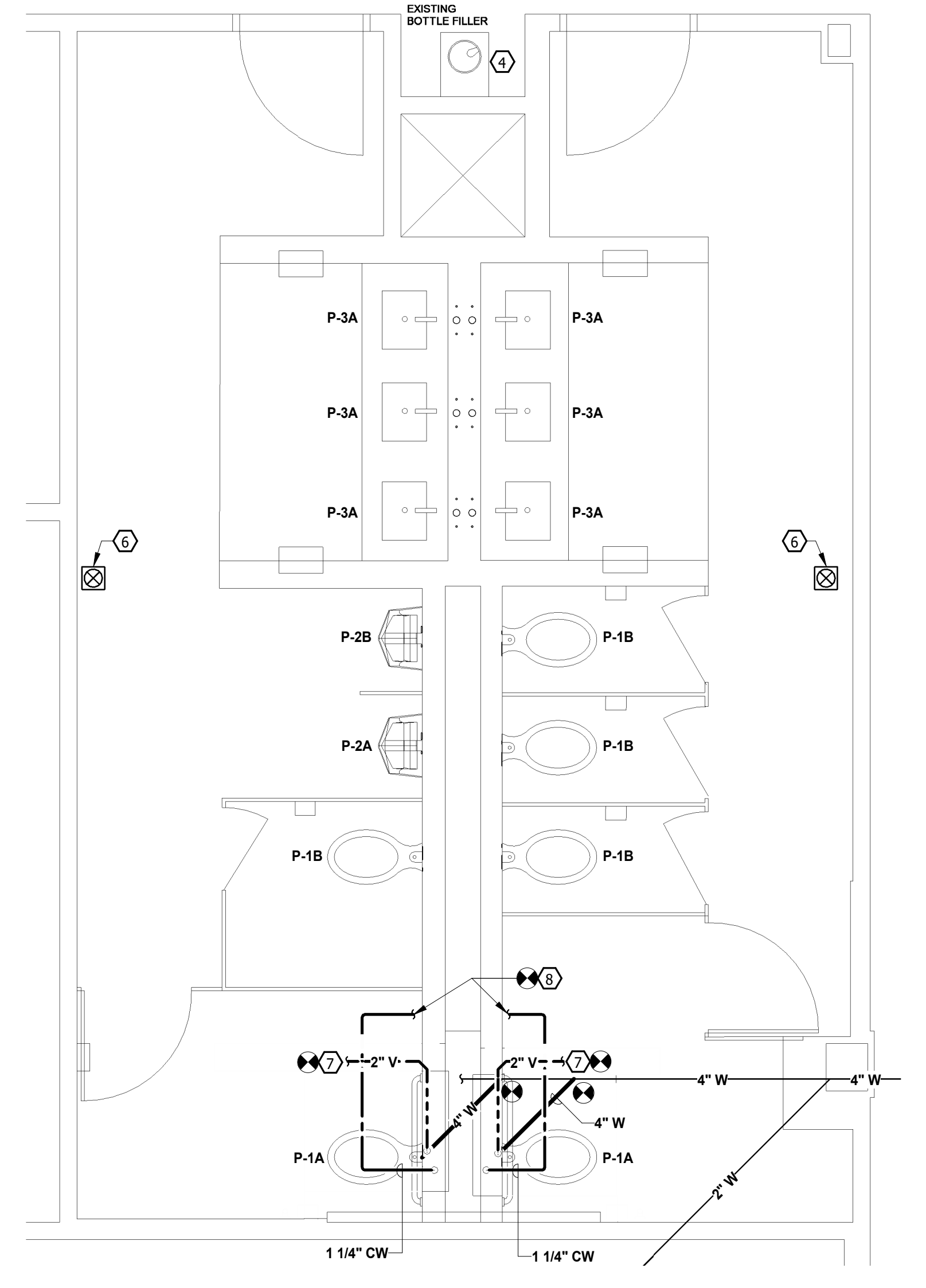
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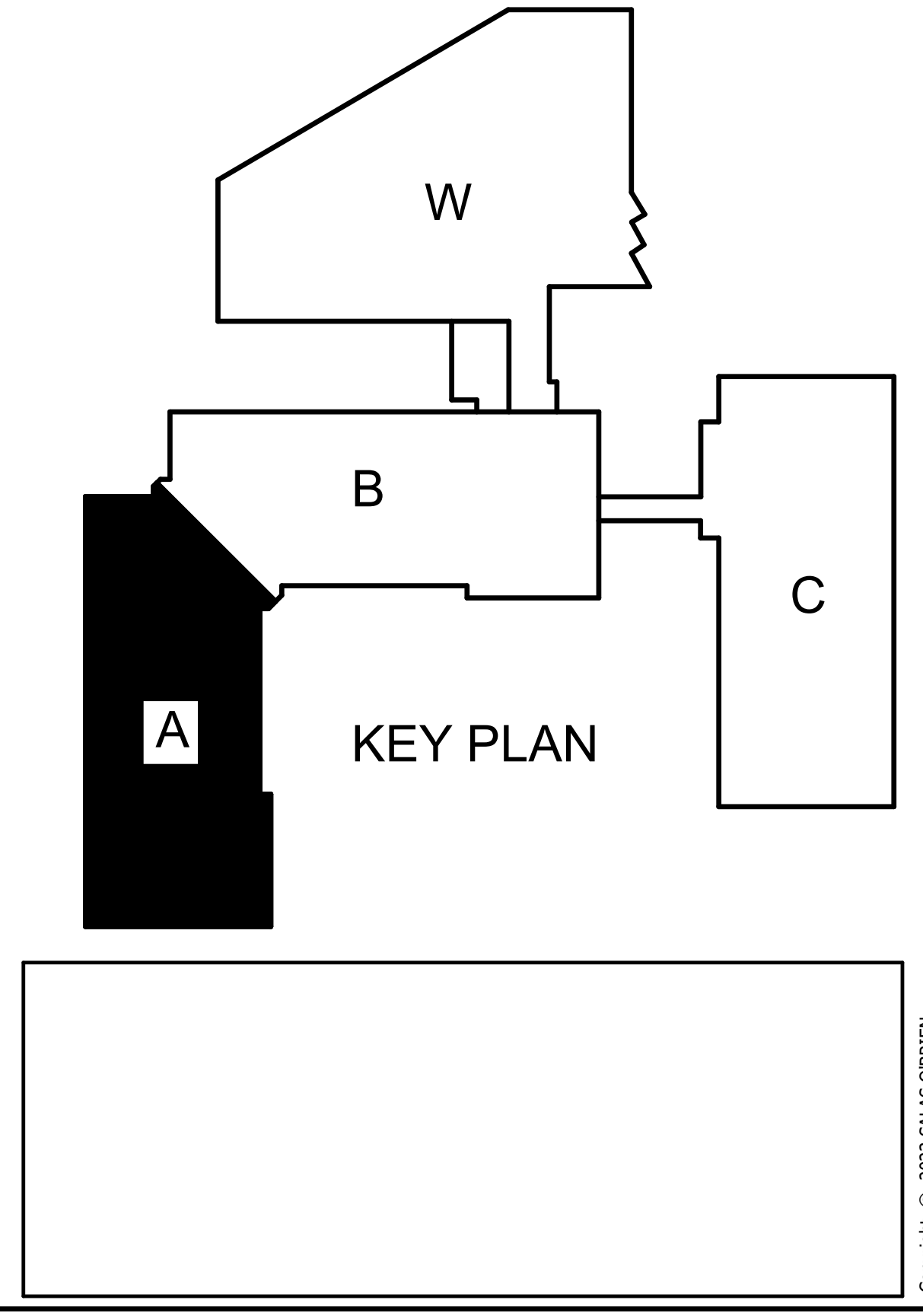
1 FIRST FLOOR - BUILDING A - PLUMBING PLAN
SCALE: 3/32" = 1'-0"
8' 0' 8' 16' 24'



2 ENLARGED PLAN - PLUMBING DEMOLITION
SCALE: 3/8" = 1'-0"
2' 0' 2' 4' 6'



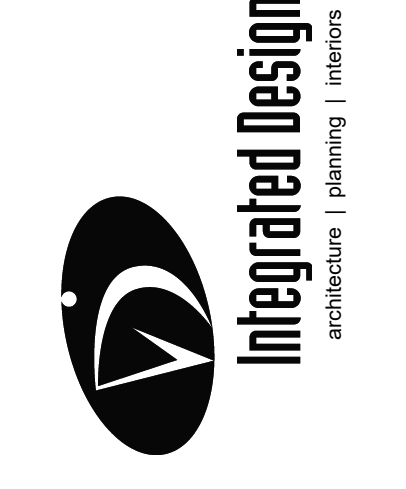
3 ENLARGED PLAN - PLUMBING NEW WORK
SCALE: 3/8" = 1'-0"
2' 0' 2' 4' 6'



KEY NOTES TO P100

- 1 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET.
- 2 REMOVE THE EXISTING URINAL. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW URINAL.
- 3 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY.
- 4 EXISTING ELECTRIC WATER COOLER TO REMAIN.
- 5 EXISTING SHOWER TO BE REMOVED. DOMESTIC COLD AND HOT WATER, SANITARY WASTE, AND VENT PIPING SHALL BE REMOVED BACK TO THEIR ASSOCIATED MAINS.
- 6 CONTRACTOR TO REPLACE EXISTING FLOOR DRAIN STRAINER WITH STAINLESS STEEL STRAINER.
- 7 CONNECT TO EXISTING 3" MAIN WITHIN THE BATHROOM.
- 8 EXTEND NEW DOMESTIC WATER LINE FOR WATER CLOSET TO EXISTING DOMESTIC WATER COLD-WATER MAIN IN THE CHASE.

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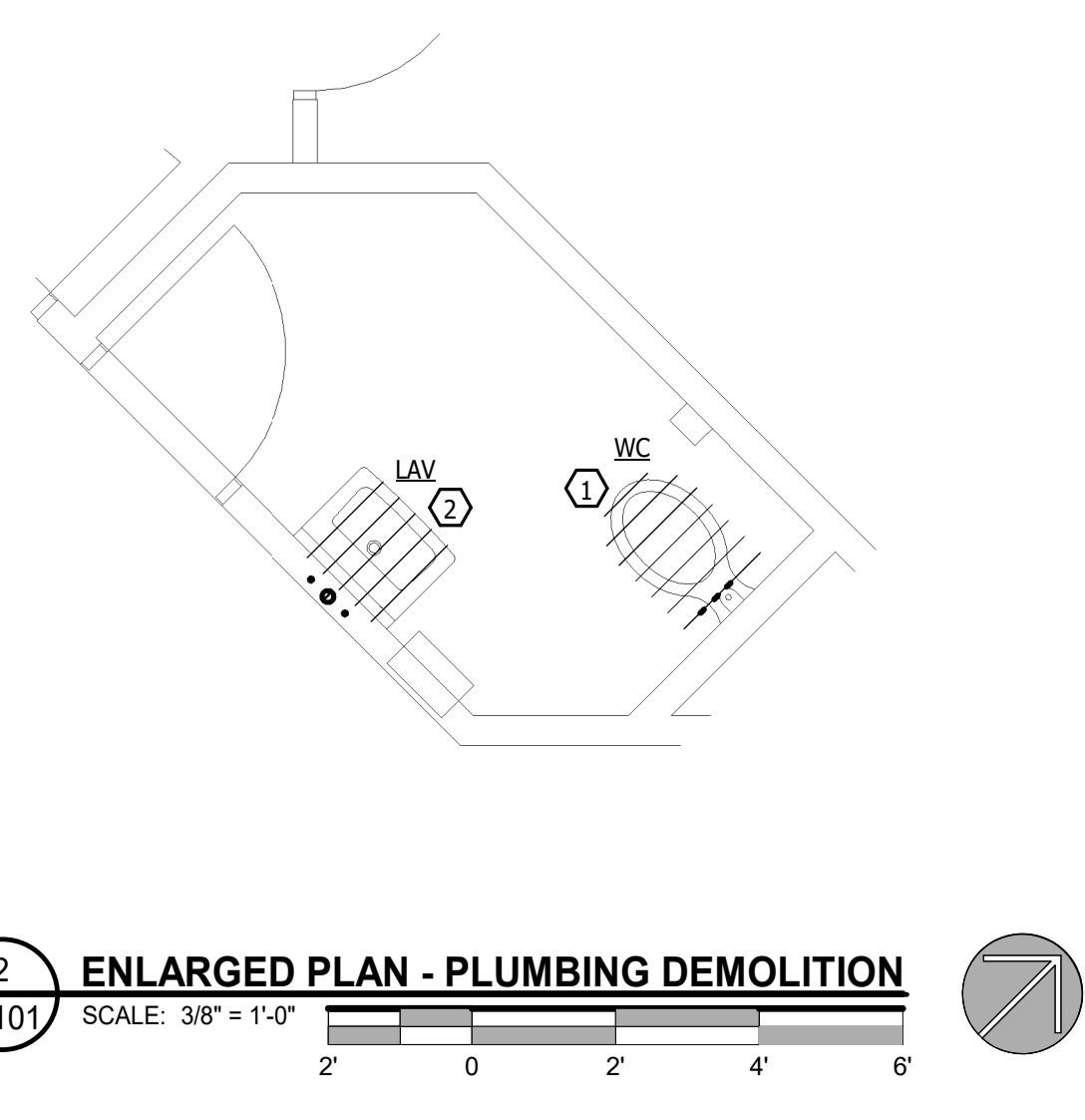
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Drawing scaled for 42x30 plots.
FIRST FLOOR BUILDING A FLOOR PLANS AND ENLARGED PLANS

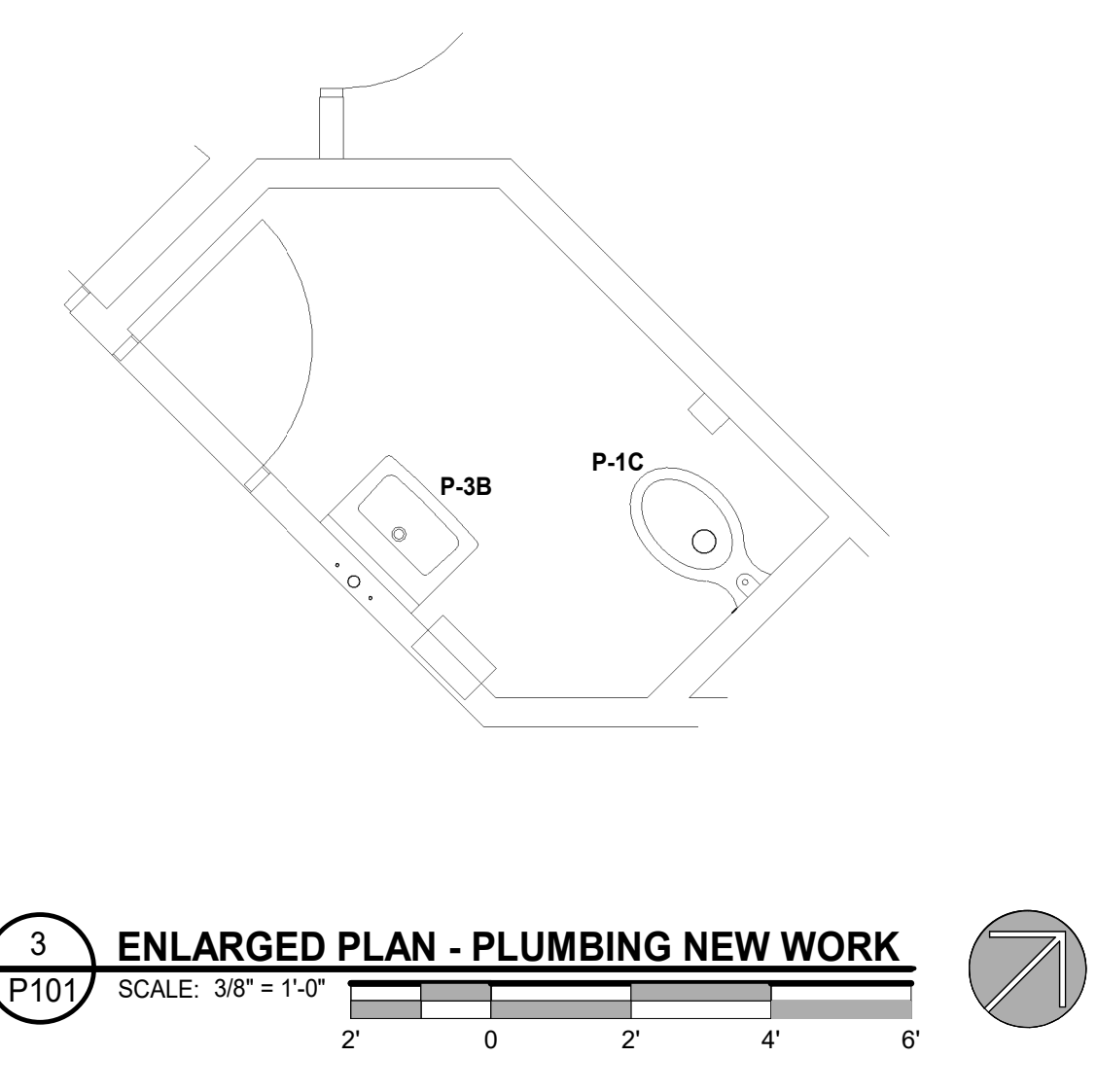
JOB CODE: 2023-02594

DRAWING NUMBER

P100



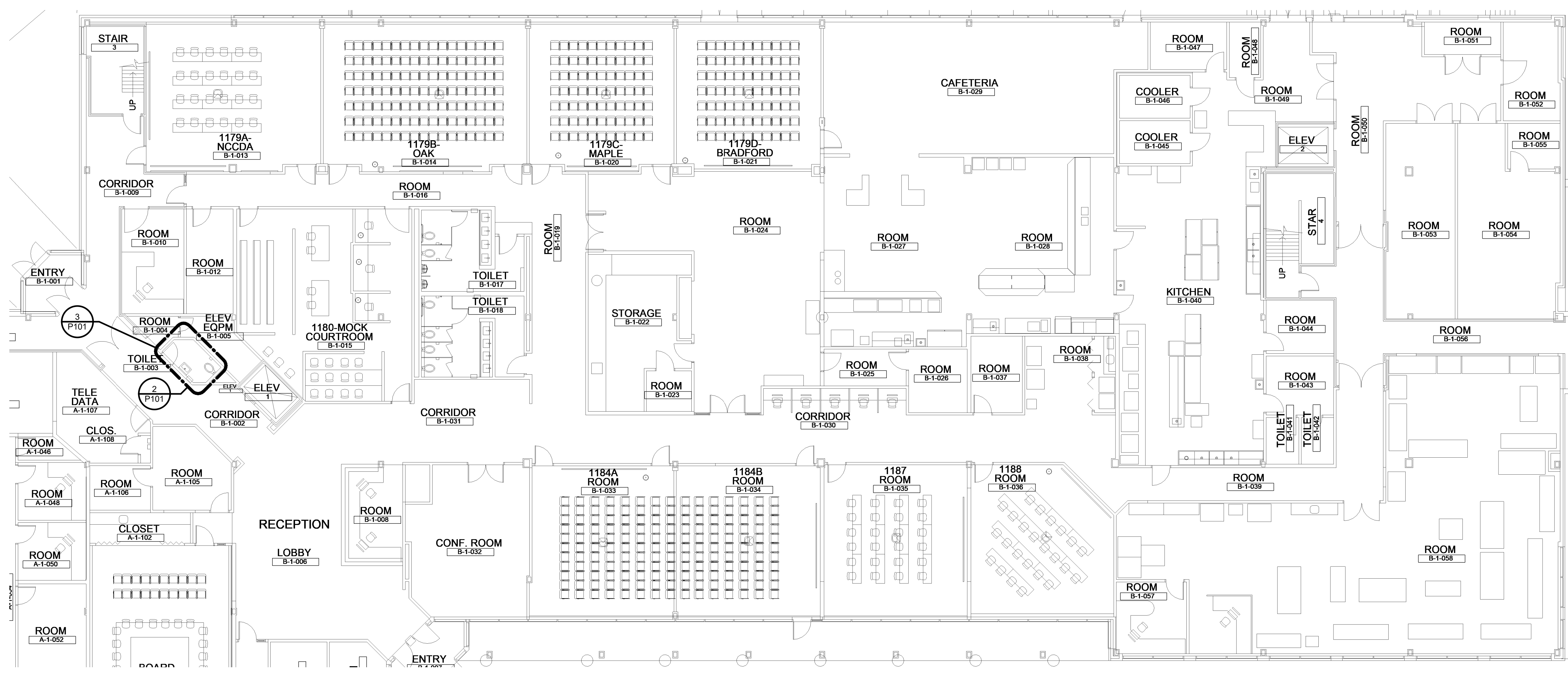
2 ENLARGED PLAN - PLUMBING DEMOLITION
 P101 SCALE: 3/8" = 1'-0"
 2 0 2 4 6



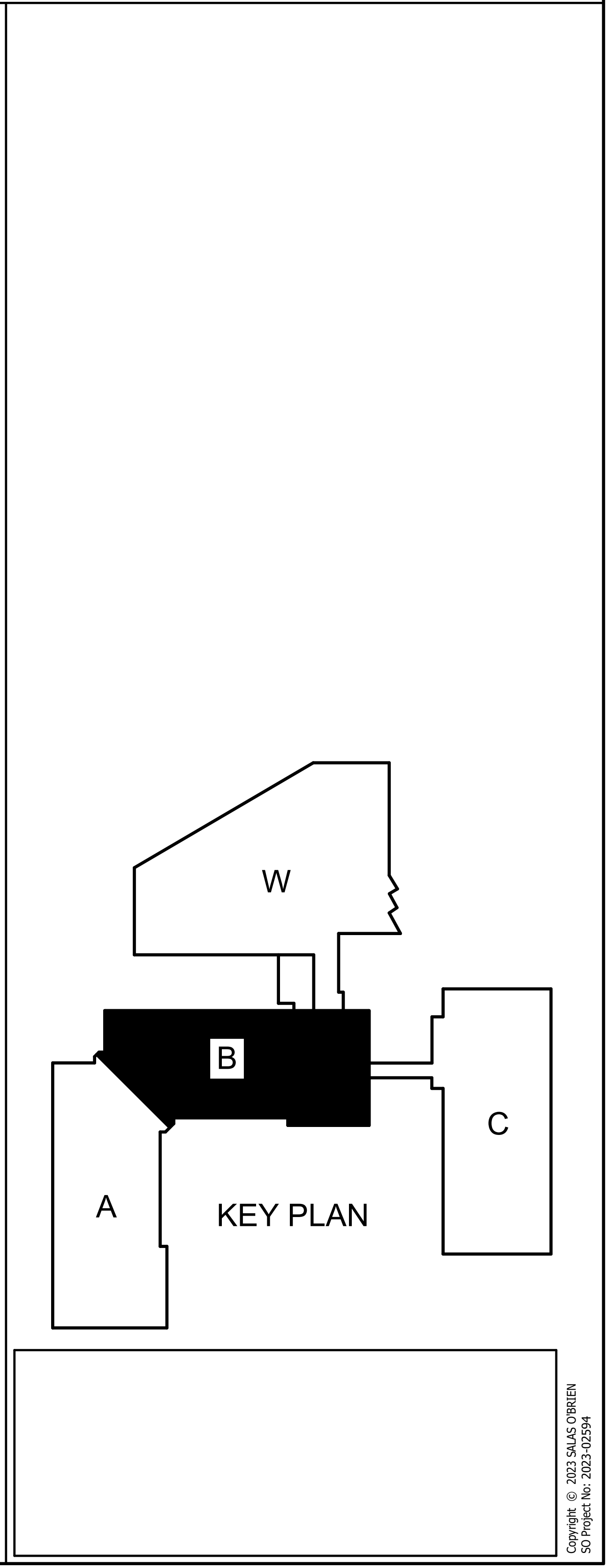
3 ENLARGED PLAN - PLUMBING NEW WORK
 P101 SCALE: 3/8" = 1'-0"
 2 0 2 4 6

KEY NOTES TO P101

- 1 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET.
- 2 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY.



1 FIRST FLOOR - BUILDING B - PLUMBING PLAN
 P101 SCALE: 3/32" = 1'-0"
 8 0 8 16 24



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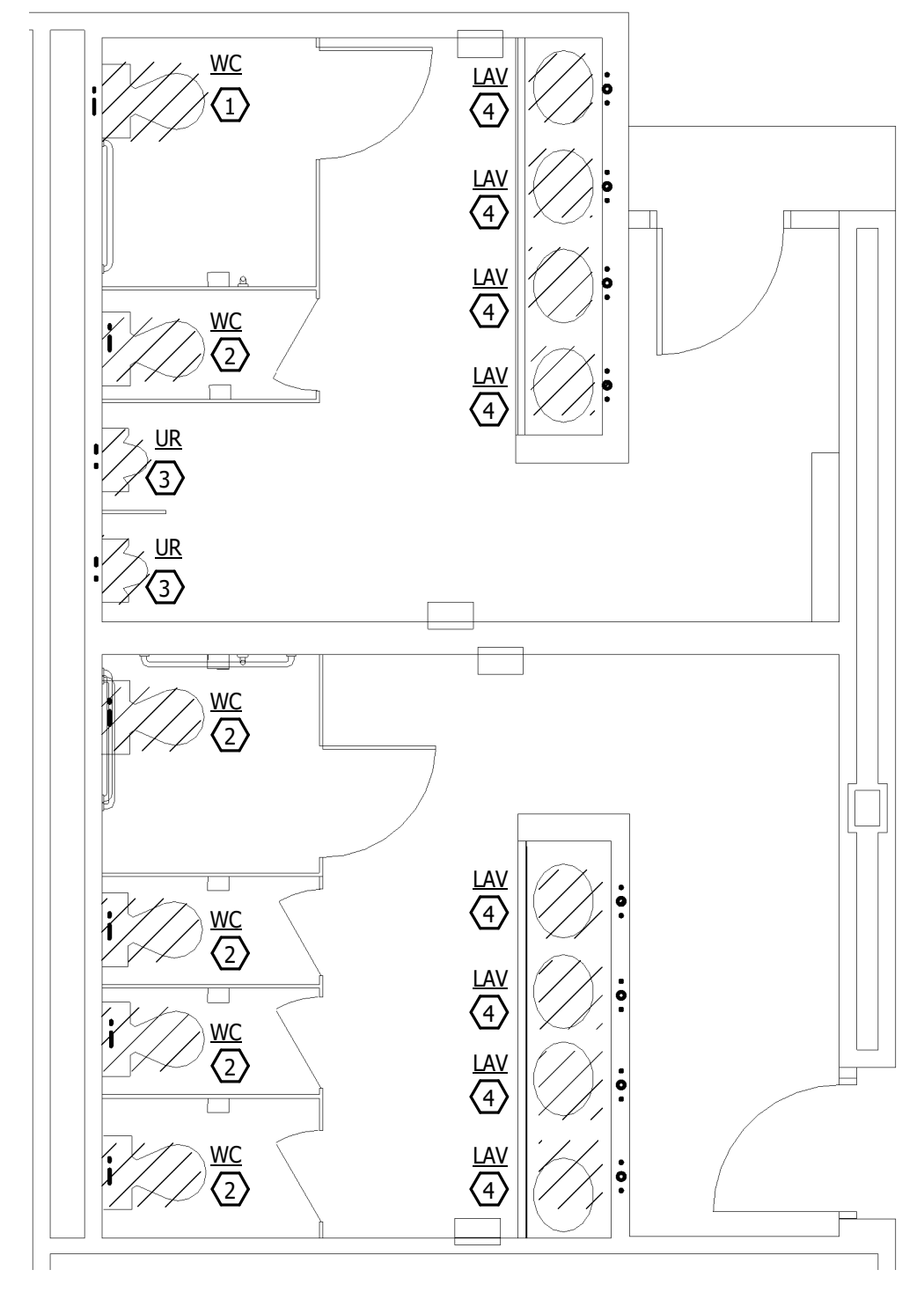
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**FIRST FLOOR
 BUILDING B
 FLOOR PLANS
 AND ENLARGED
 PLANS**

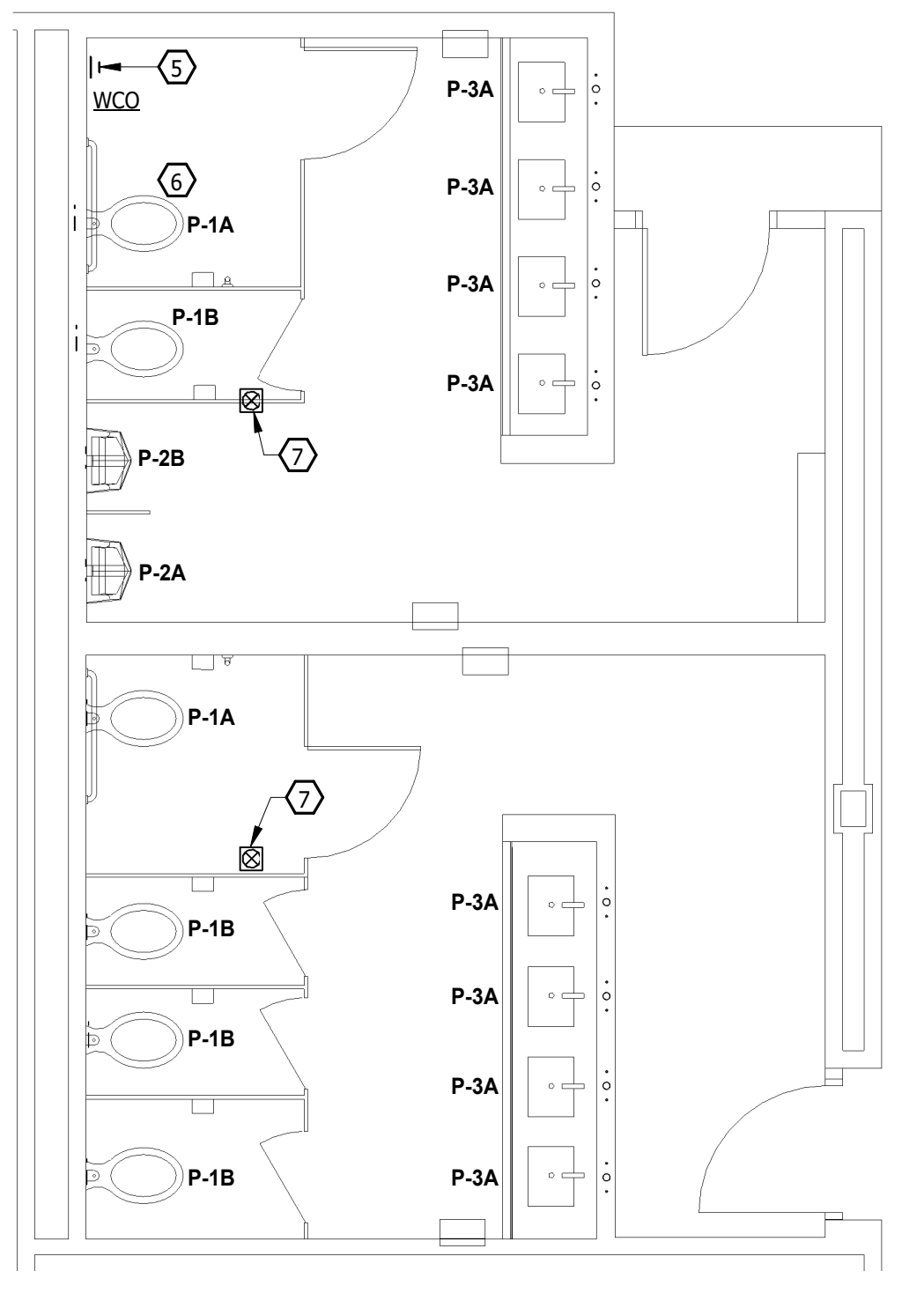
JOB CODE: 2023-02594
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P101

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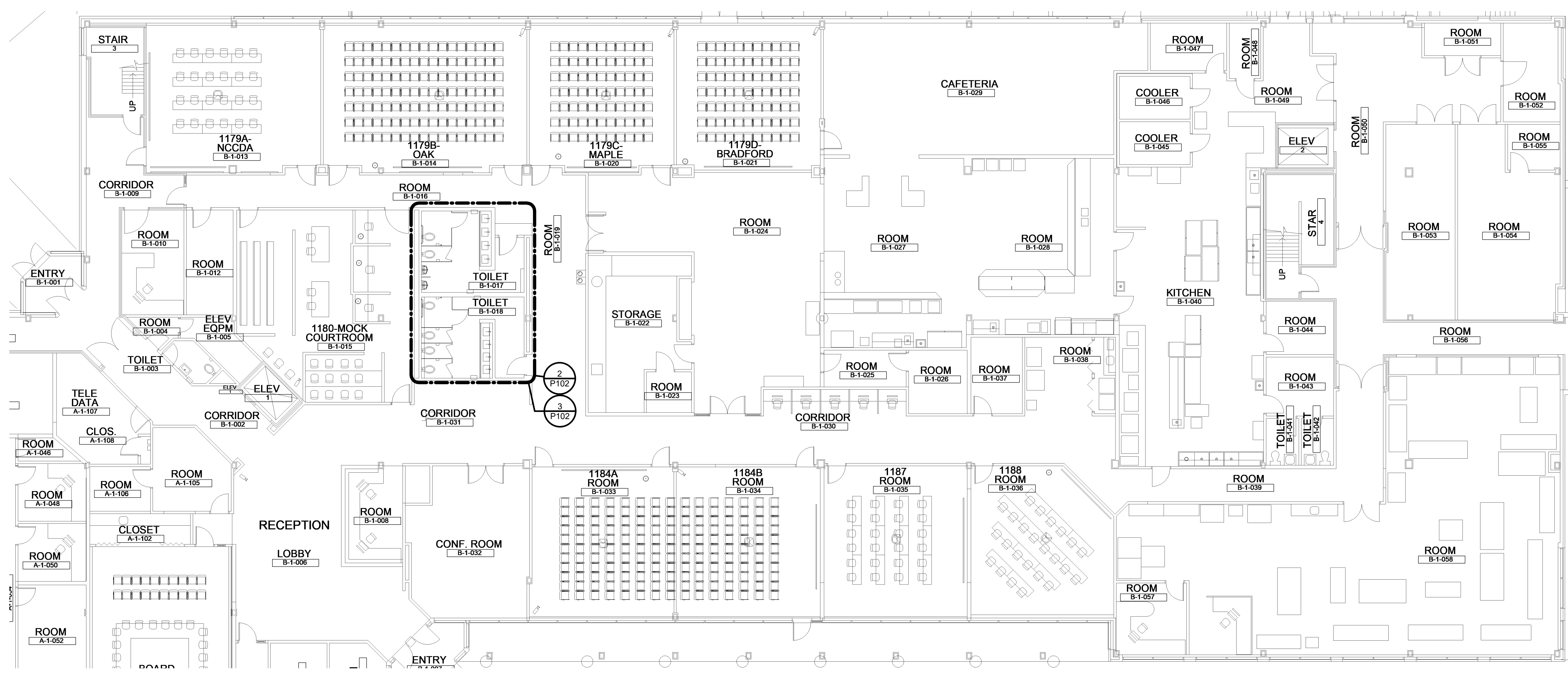
2 ENLARGED PLAN - PLUMBING DEMOLITION
P102 SCALE: 1/4" = 1'-0"
4' 0' 4' 8'



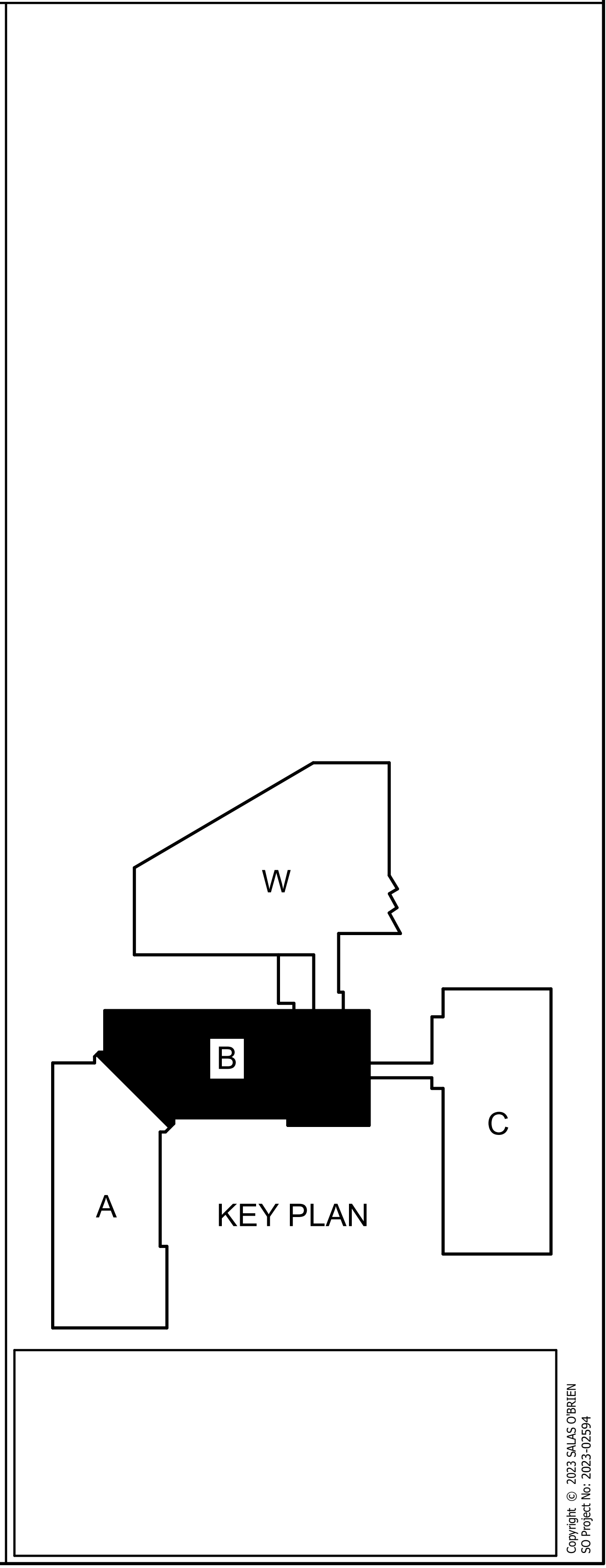
3 ENLARGED PLAN - PLUMBING NEW WORK
P102 SCALE: 1/4" = 1'-0"
4' 0' 4' 8'

KEY NOTES TO P102

- 1 REMOVE EXISTING WATER CLOSET, NEW WALL CLEANOUT TO BE SHOWN IN ITS PLACE.
- 2 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET.
- 3 REMOVE THE EXISTING URINAL. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW URINAL.
- 4 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY.
- 5 PROVIDE A NEW WALL CLEANOUT WHERE THE PREVIOUS WATER CLOSET WAS LOCATED.
- 6 CONNECT NEW FIXTURE INTO EXISTING WASTE MAIN.
- 7 CONTRACTOR TO REPLACE EXISTING FLOOR DRAIN STRAINER WITH STAINLESS STEEL STRAINER.



1 FIRST FLOOR - BUILDING B - PLUMBING PLAN
P102 SCALE: 3/32" = 1'-0"
8' 0' 8' 16' 24'



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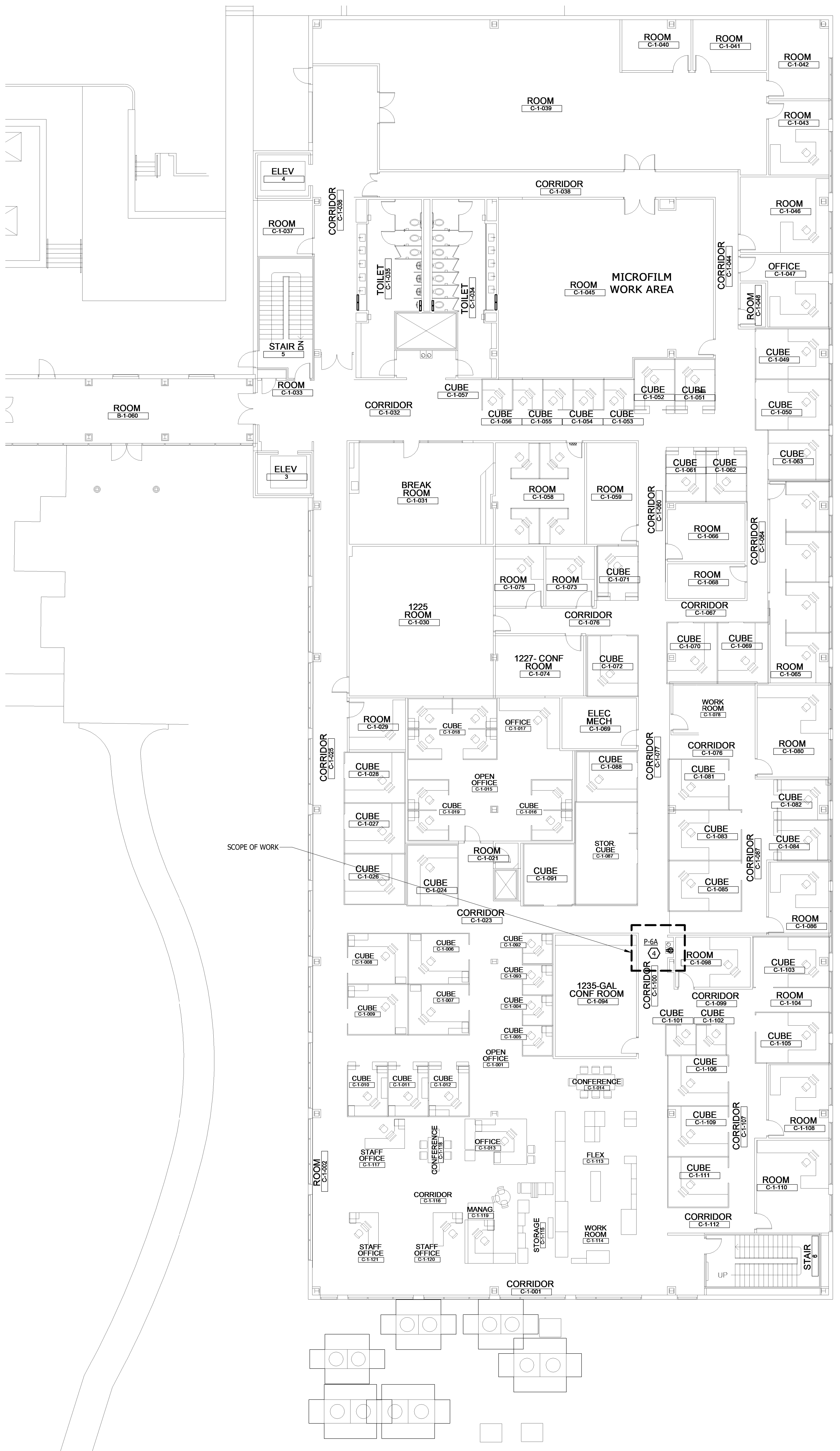
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FIRST FLOOR
BUILDING B
FLOOR PLANS
AND ENLARGED
PLANS

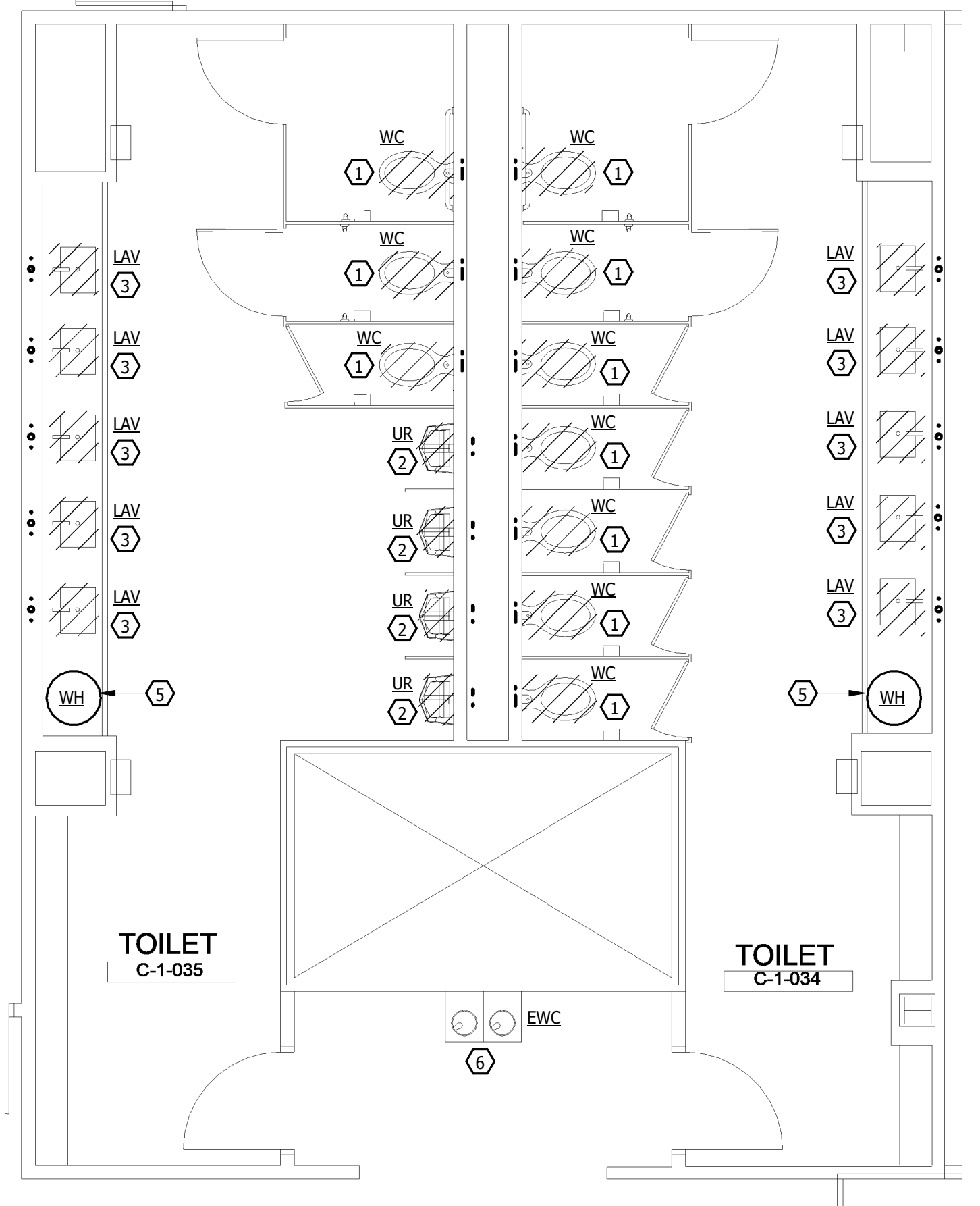
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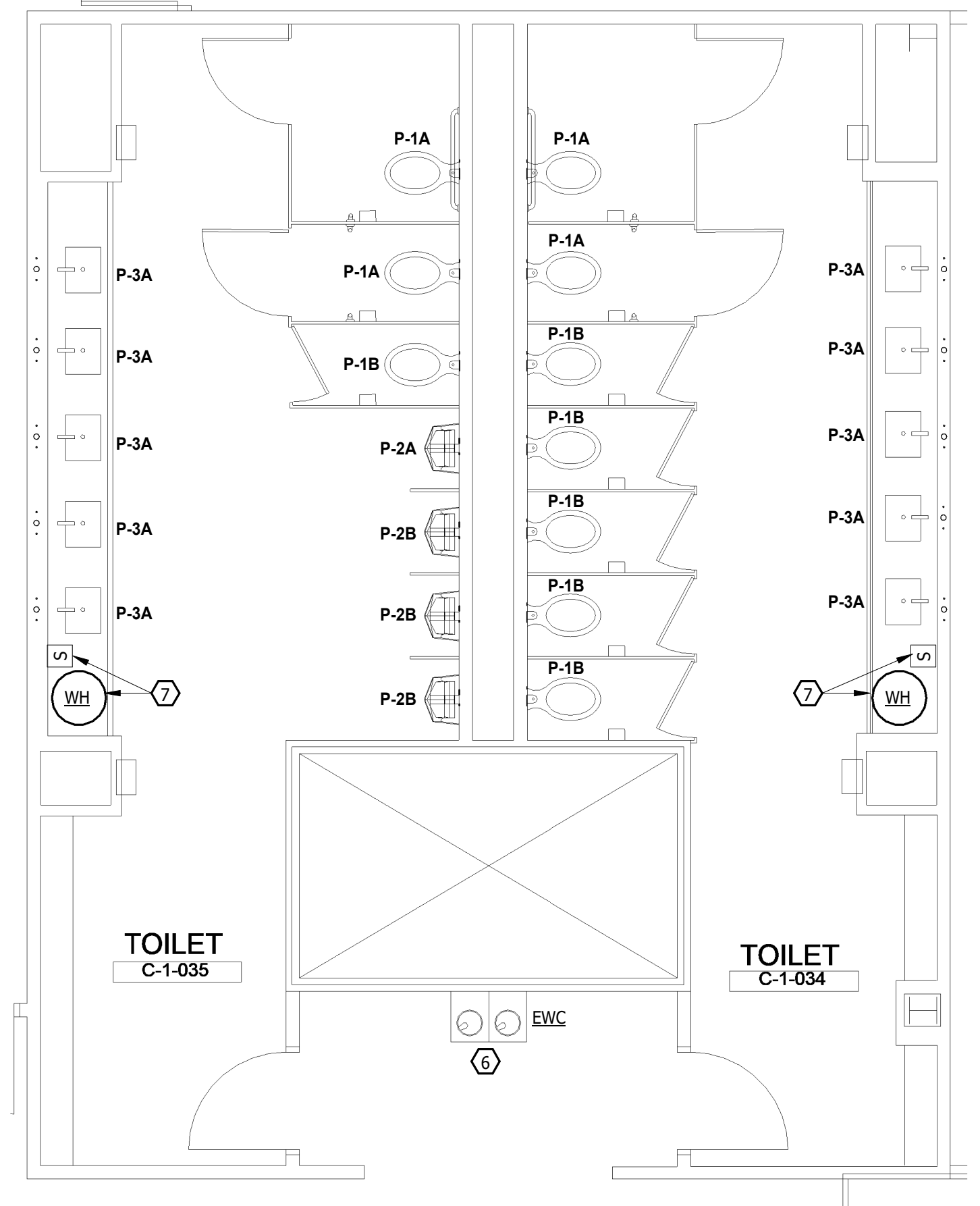
P102



1 FIRST FLOOR - BUILDING C - PLUMBING PLAN
SCALE: 3/32" = 1'-0"



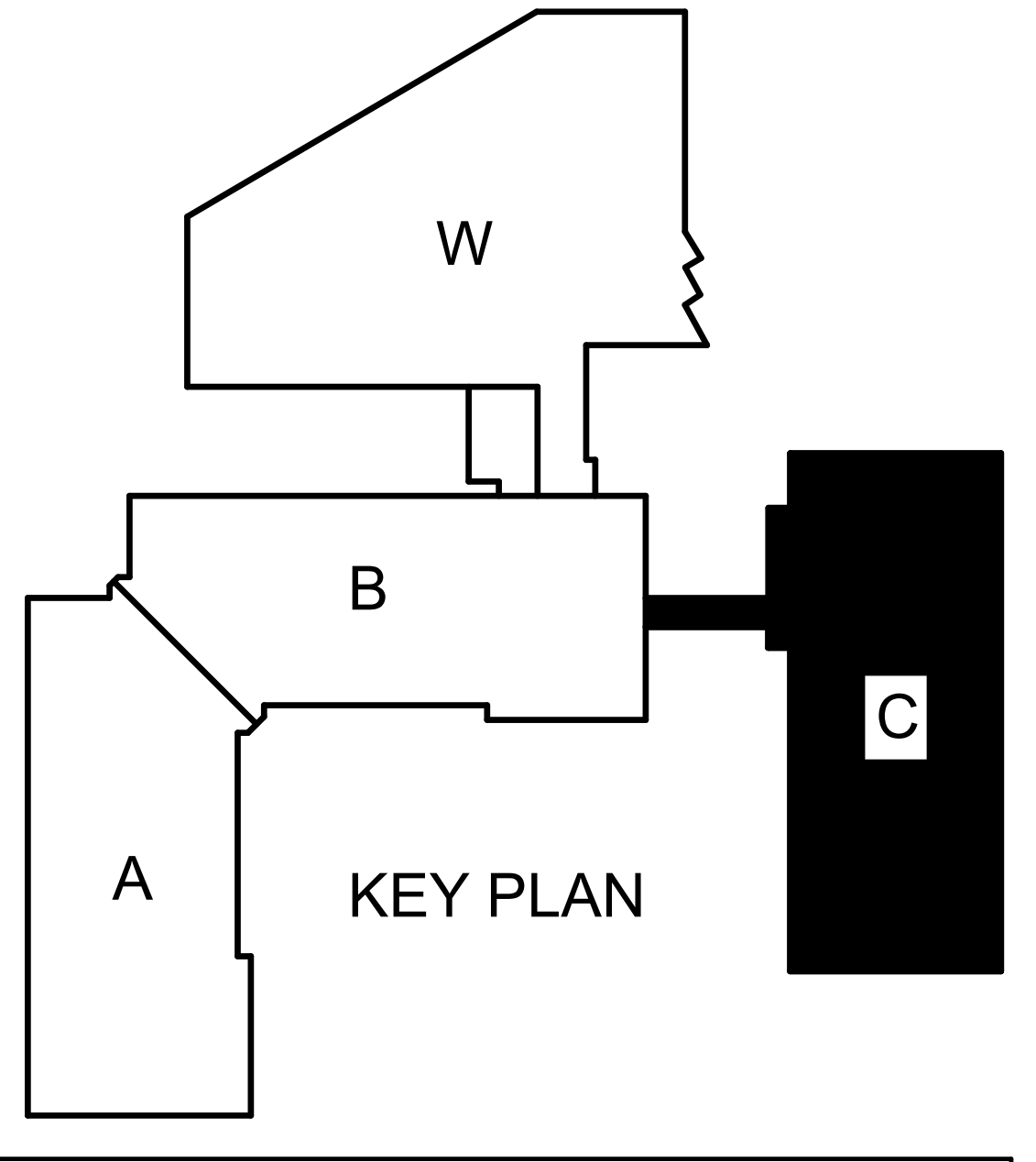
2 ENLARGED PLAN - PLUMBING DEMOLITION
SCALE: 1/4" = 1'-0"



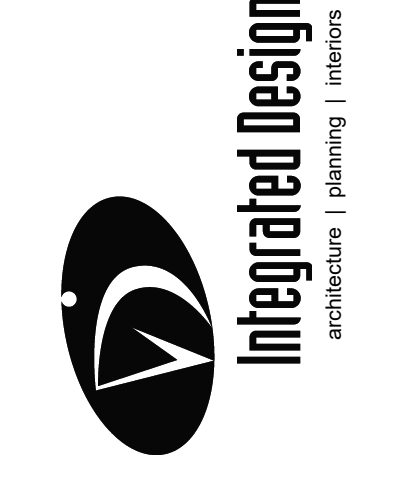
3 ENLARGED PLAN - PLUMBING NEW WORK
SCALE: 1/4" = 1'-0"

KEY NOTES TO P103

- 1 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET.
- 2 REMOVE THE EXISTING URINAL. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW URINAL.
- 3 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY.
- 4 MODIFY DOMESTIC WATER AND SANITARY AS NEEDED.
- 5 EXISTING WATER HEATER TO REMAIN. THE CONTRACTOR SHALL COORDINATE REMOVING THE WATER HEATER TO WORK ON THE CASWORK IN THE FIELD PRIOR TO INSTALLATION. THE CONTRACTOR SHALL PROVIDE FLEXIBLE PIPING OR ANY OTHER REQUIRED MATERIALS TO RE-CONNECT THE WATER HEATER TO THE EXISTING ROUGH-INS.
- 6 EXISTING ELECTRIC WATER COOLER TO REMAIN.
- 7 THE CONTRACTOR SHALL ADD A SERVICE DISCONNECT SWITCH AND BRANCH CIRCUIT CONNECTION TO THE EXISTING WATER HEATER. THIS SWITCH MAY BE A TOGGLE TYPE DEVICE. CONFIRM VOLTAGE AND RATING TO MATCH EQUIPMENT NAMEPLATE.



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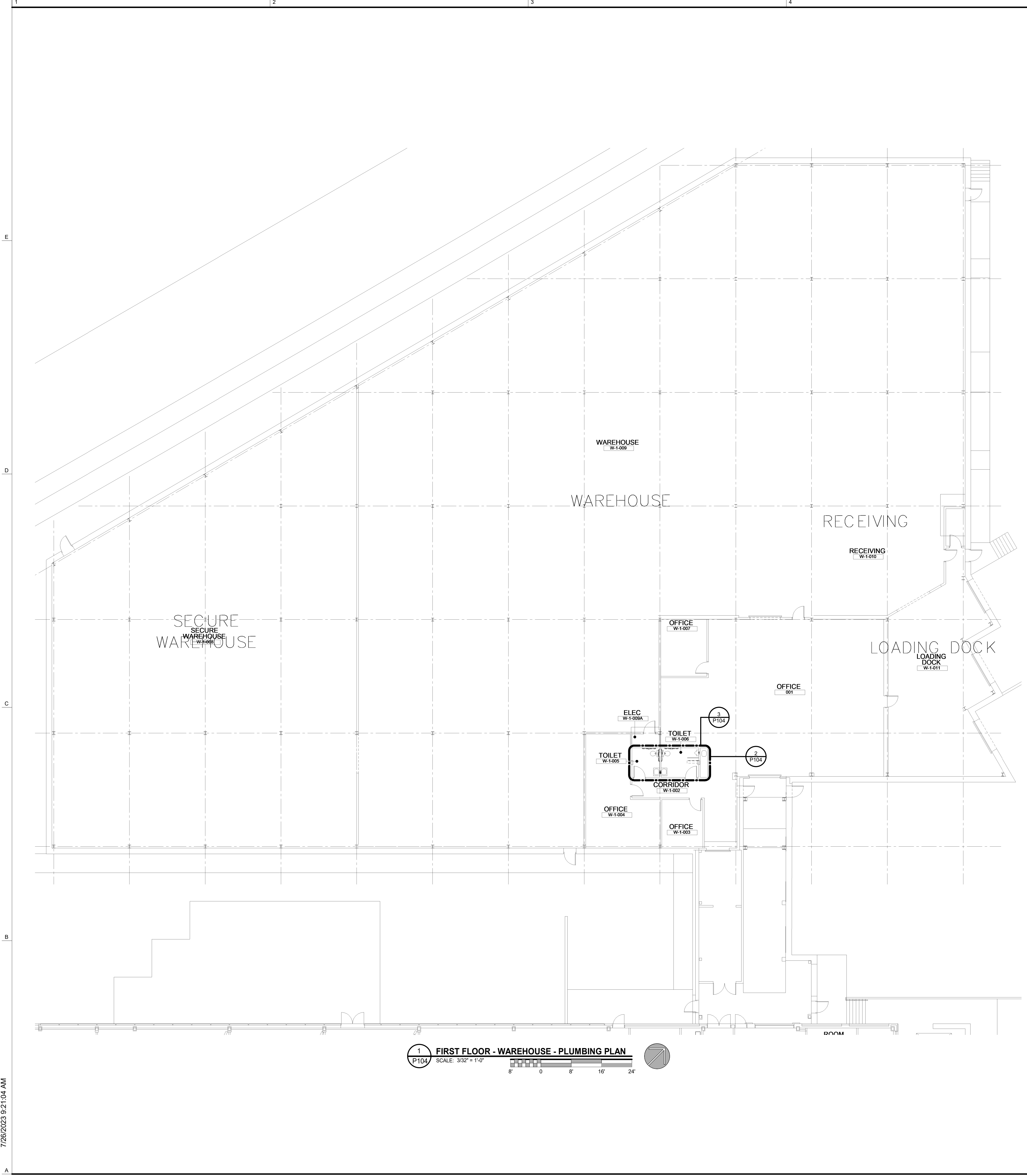
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FIRST FLOOR
BUILDING C
FLOOR PLANS
AND ENLARGED
PLANS

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P103

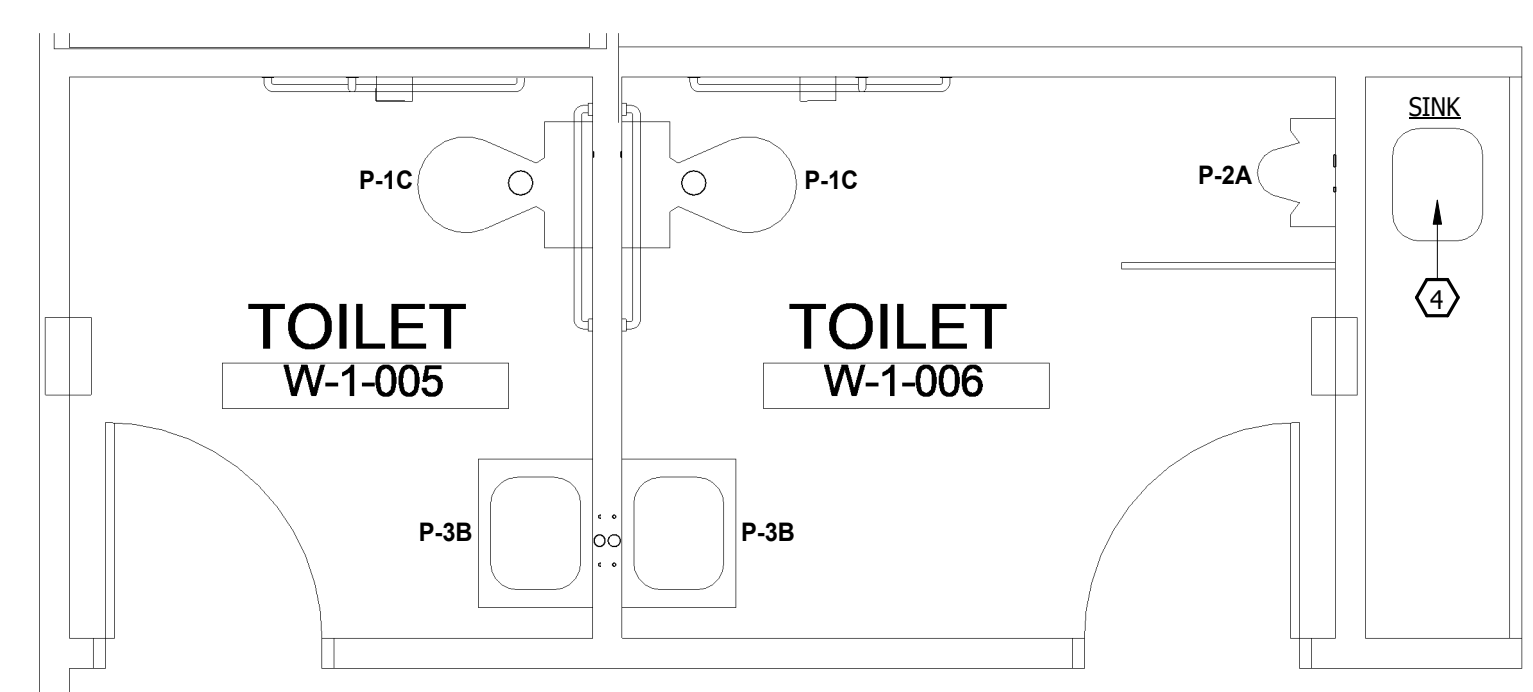
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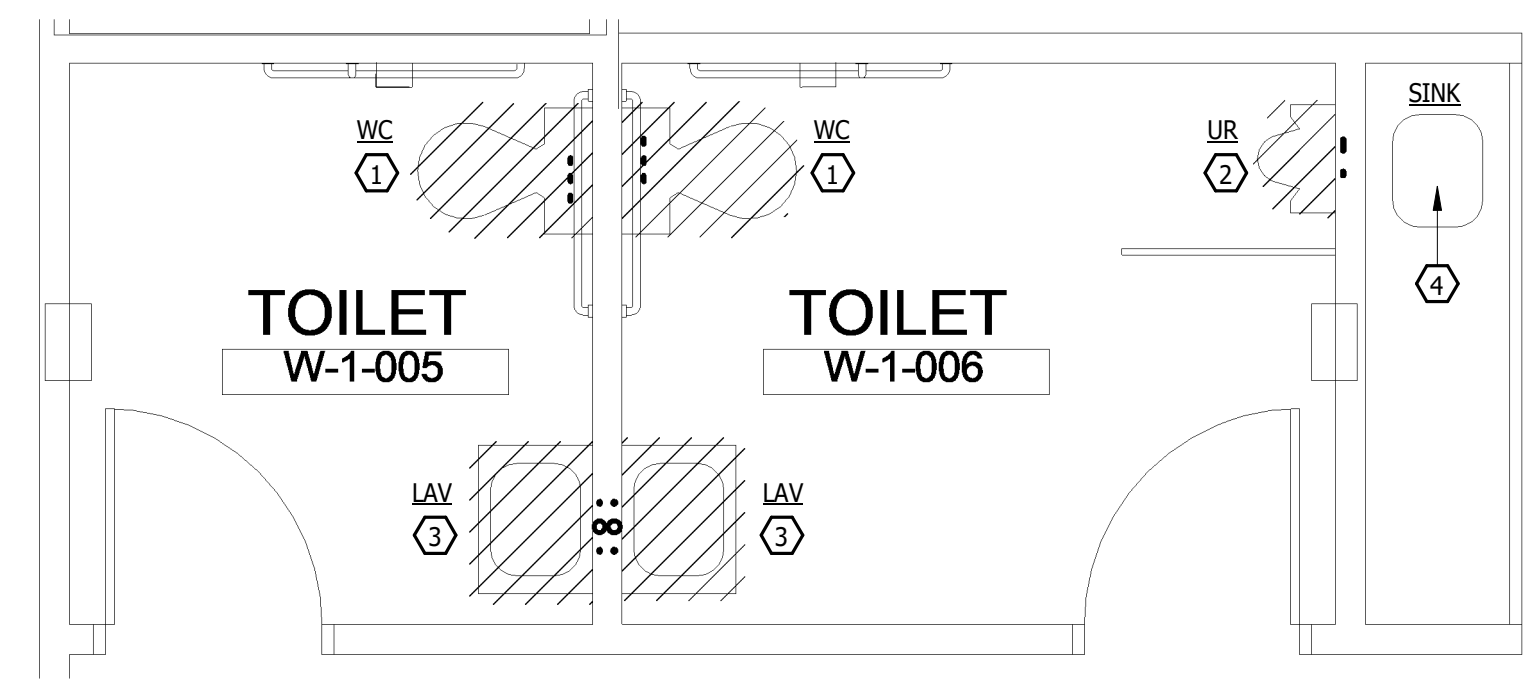
1 FIRST FLOOR - WAREHOUSE - PLUMBING PLAN
 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'

KEY NOTES TO P104

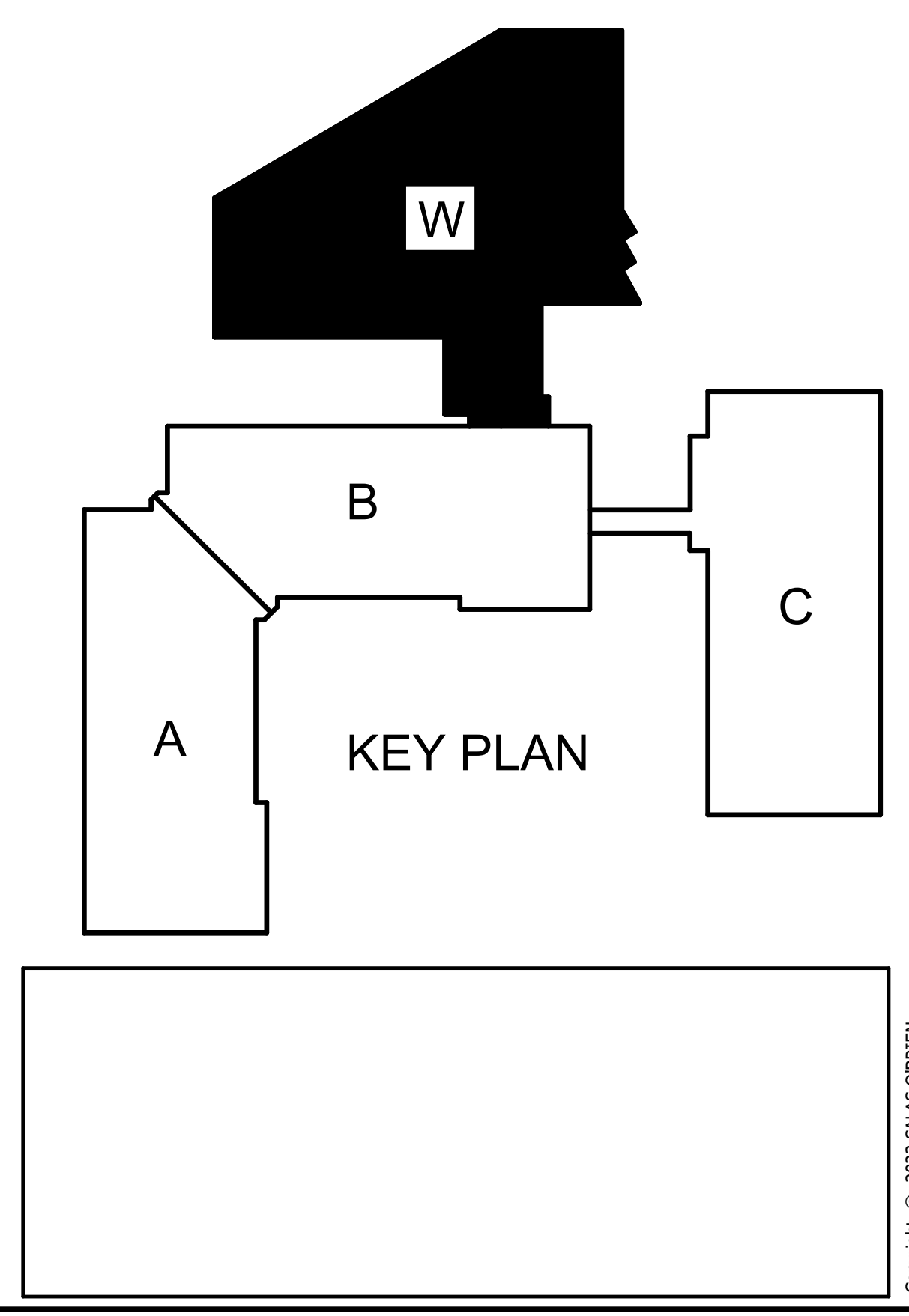
- 1 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET.
- 2 REMOVE THE EXISTING URINAL. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW URINAL.
- 3 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY.
- 4 EXISTING SINK TO REMAIN.



3 ENLARGED PLAN - PLUMBING NEW WORK
 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'



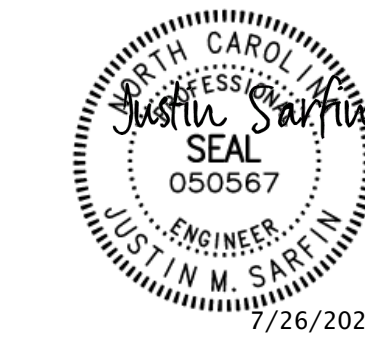
2 ENLARGED PLAN - PLUMBING DEMOLITION
 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'



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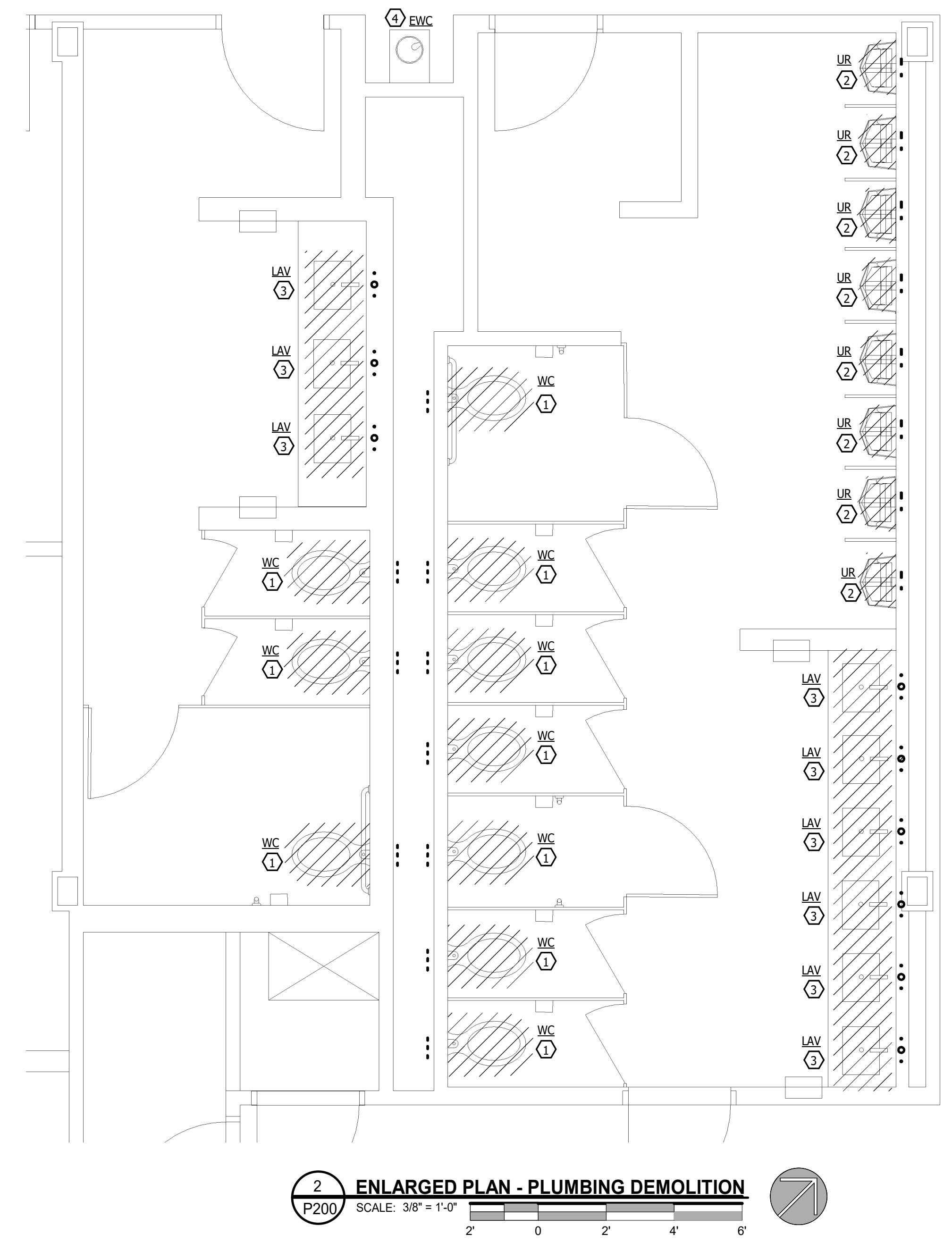
Drawing scaled for 42x30 plots.
**FIRST FLOOR
 WAREHOUSE
 FLOOR PLANS
 AND ENLARGED
 PLANS**

JOB CODE: 2023-02594
 DRAWING NUMBER

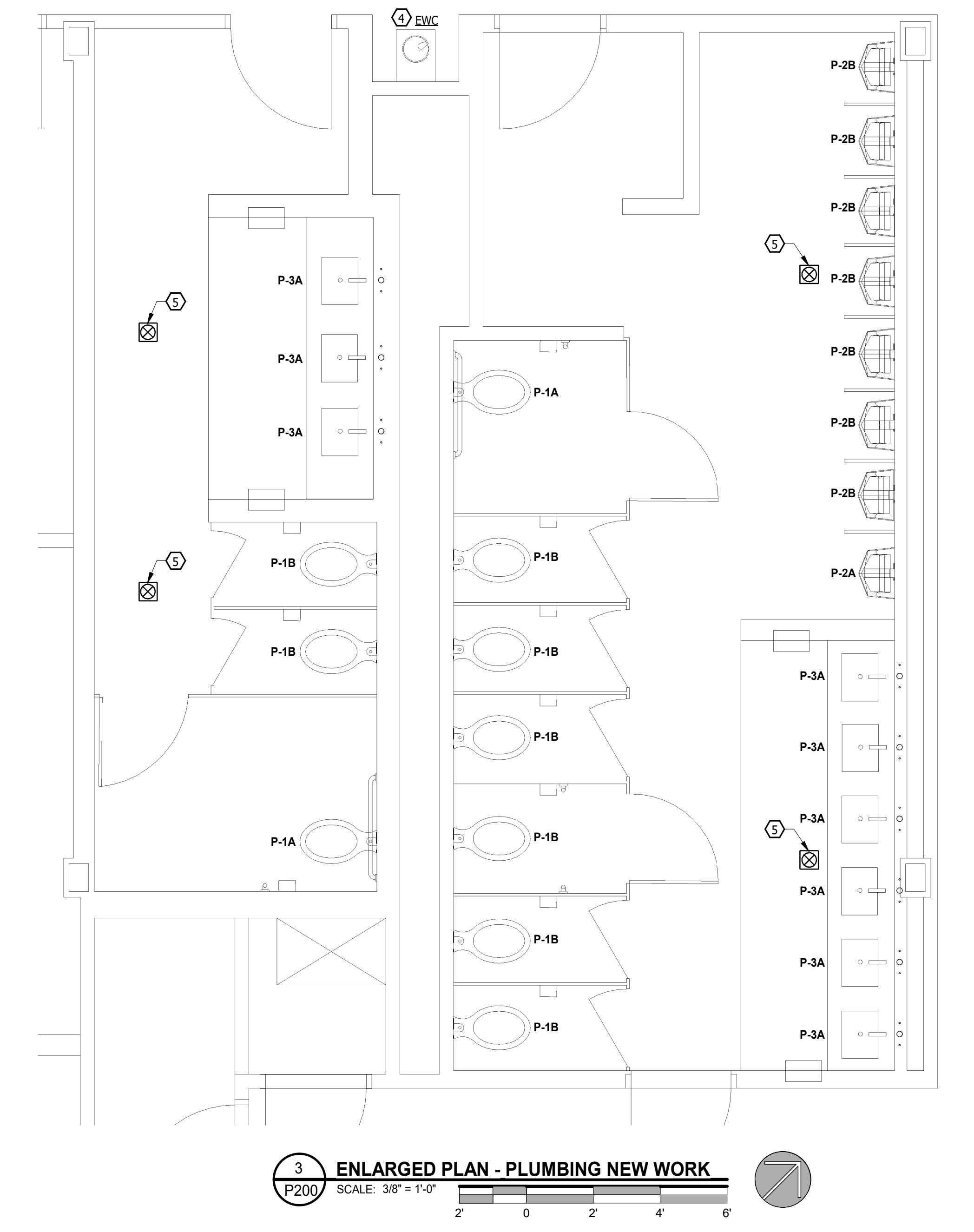
P104



1 SECOND FLOOR - BUILDING A - PLUMBING PLAN
 P200 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



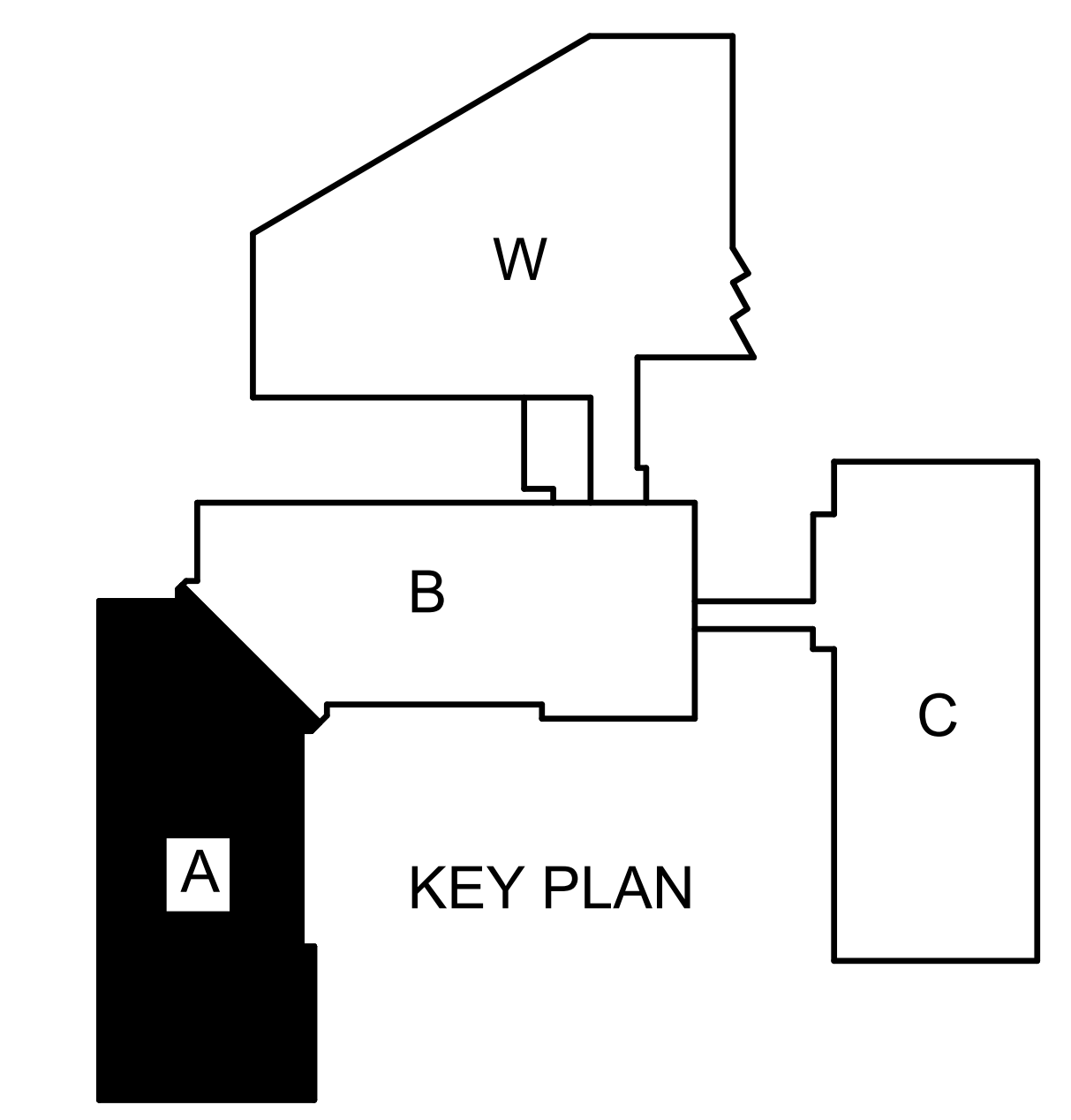
2 ENLARGED PLAN - PLUMBING DEMOLITION
 P200 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'



3 ENLARGED PLAN - PLUMBING NEW WORK
 P200 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'

KEY NOTES TO P200

- 1 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET.
- 2 REMOVE THE EXISTING URINAL. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW URINAL.
- 3 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY.
- 4 EXISTING ELECTRIC WATER COOLER TO REMAIN.
- 5 CONTRACTOR TO REPLACE EXISTING FLOOR DRAIN STRAINER WITH STAINLESS STEEL STRAINER.



KEY PLAN

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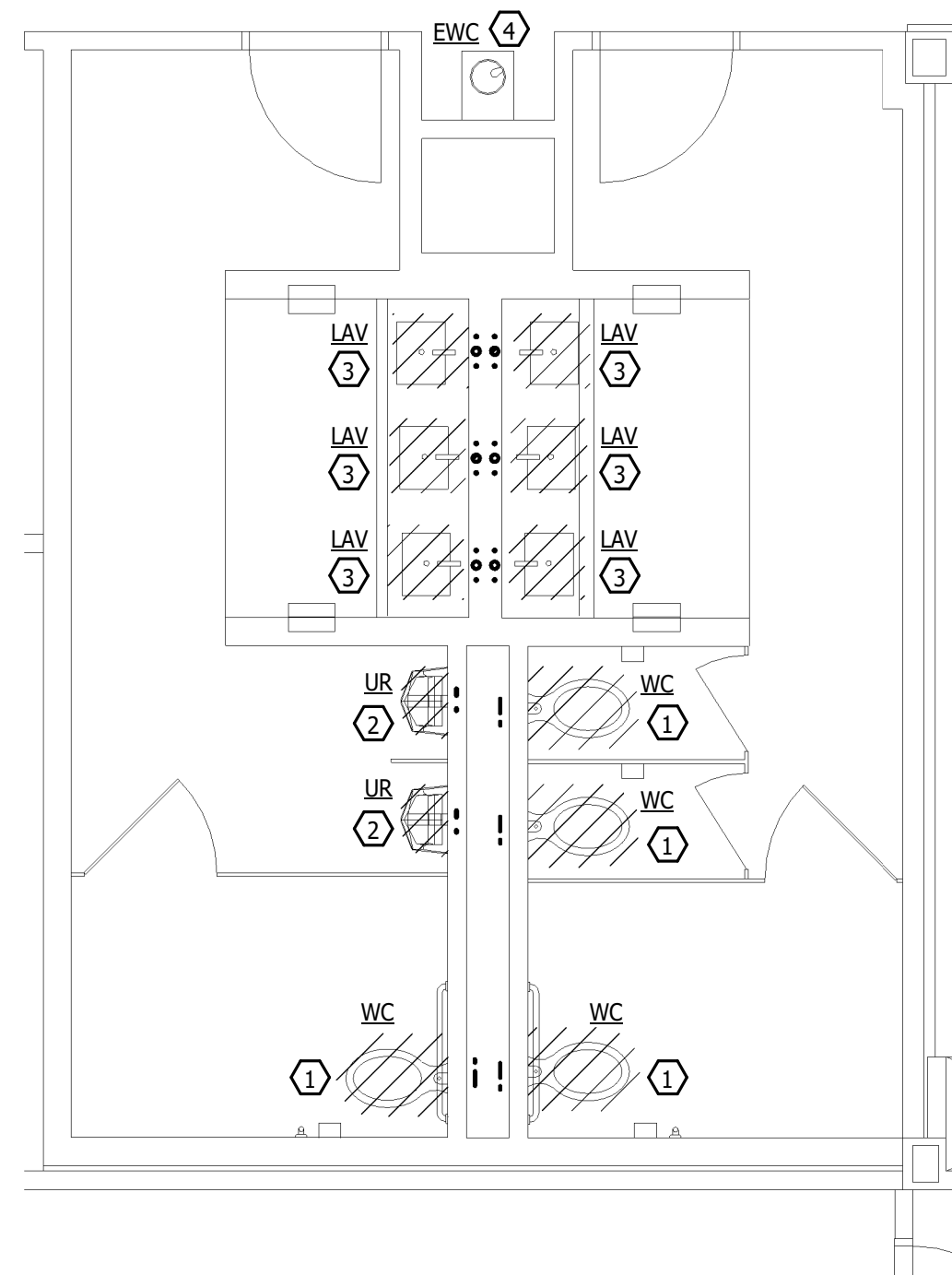
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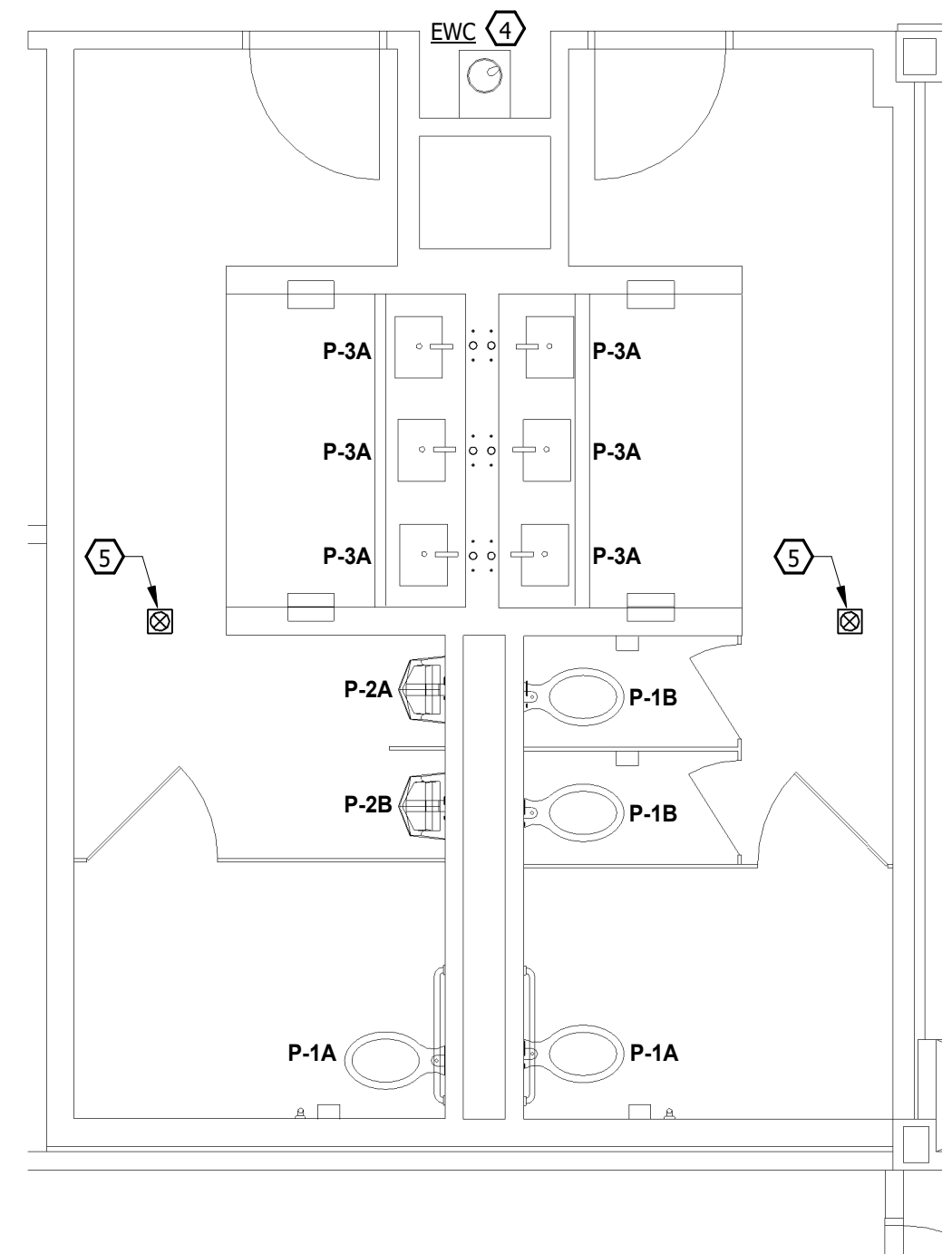
Drawing scaled for 42x30 plots.
SECOND FLOOR
BUILDING A
FLOOR PLANS
AND ENLARGED
PLANS

JOB CODE: 2023-02594
 DRAWING NUMBER

P200



2 ENLARGED PLAN - PLUMBING DEMOLITION
 P201 SCALE: 1/4" = 1'-0"



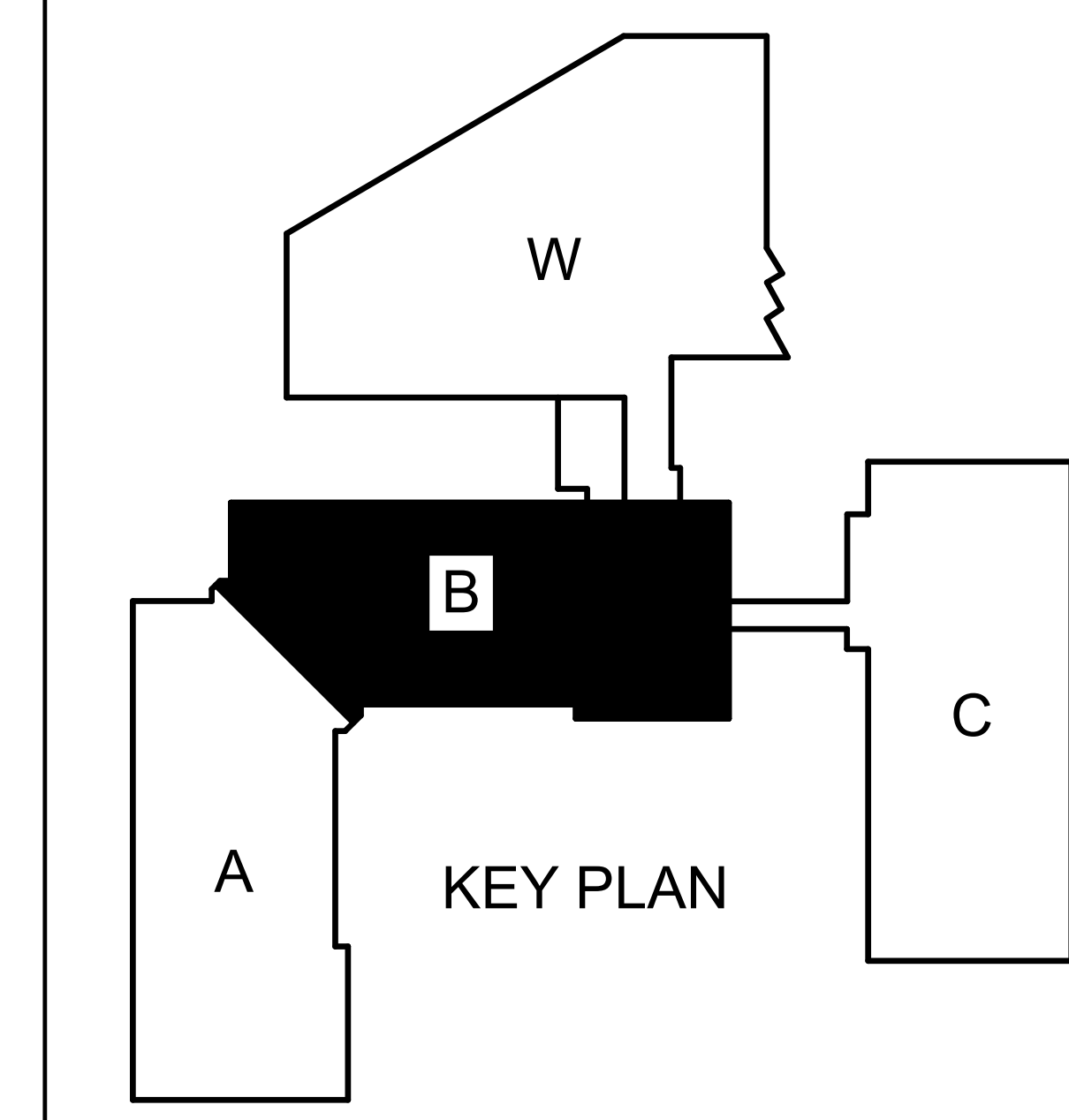
4 ENLARGED PLAN - PLUMBING NEW WORK
 P201 SCALE: 1/4" = 1'-0"

KEY NOTES TO P201

- 1 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET.
- 2 REMOVE THE EXISTING URINAL. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW URINAL.
- 3 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY.
- 4 EXISTING ELECTRIC WATER COOLER TO REMAIN.
- 5 CONTRACTOR TO REPLACE EXISTING FLOOR DRAIN STRAINER WITH STAINLESS STEEL STRAINER.
- 6 MODIFY DOMESTIC WATER AND SANITARY AS NEEDED.



1 SECOND FLOOR - BUILDING B - PLUMBING PLAN
 P201 SCALE: 3/32" = 1'-0"



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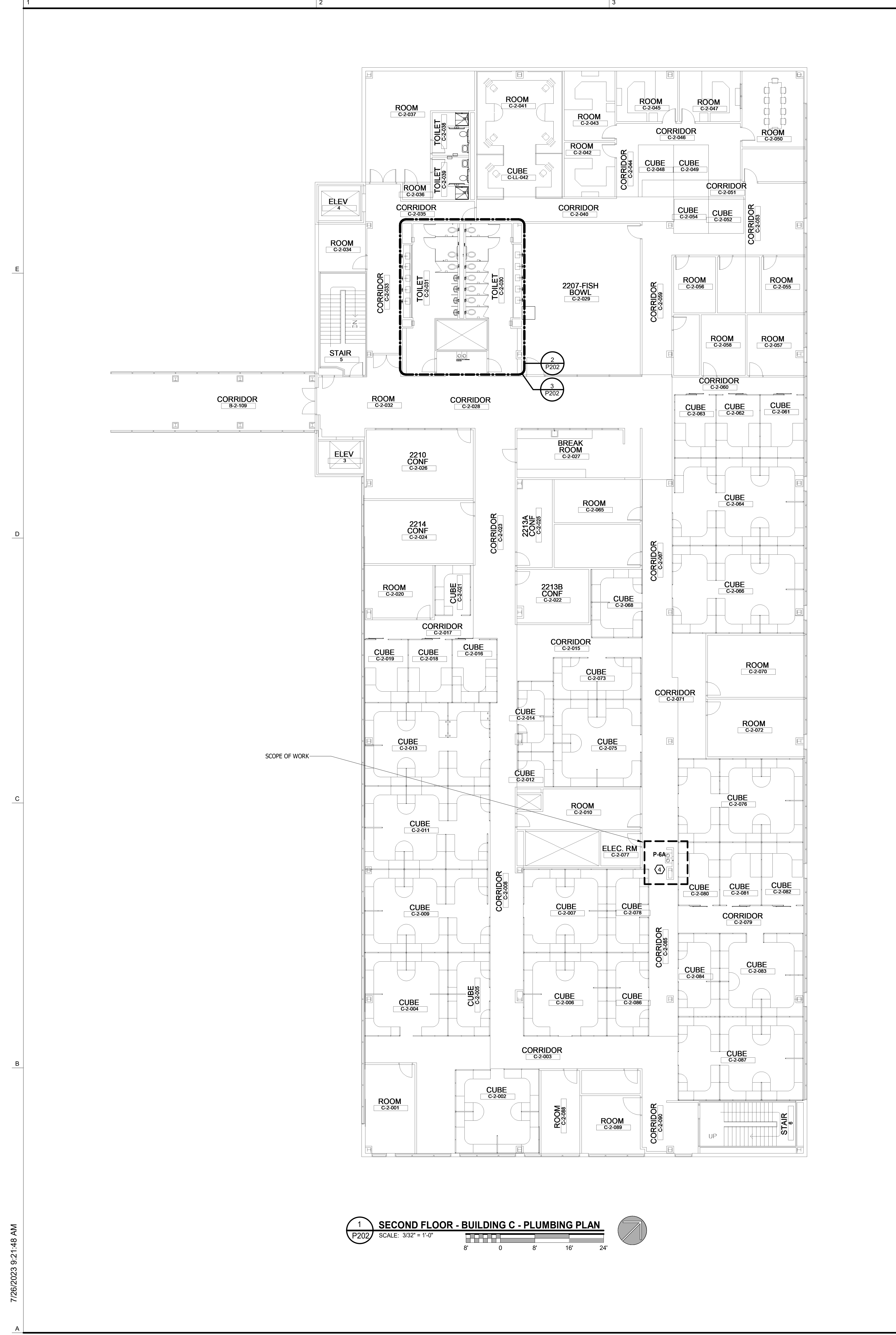
Drawing scaled for 42x30 plots.
**SECOND FLOOR
 BUILDING B
 FLOOR PLANS
 AND ENLARGED
 PLANS**

JOB CODE: 2023-02594
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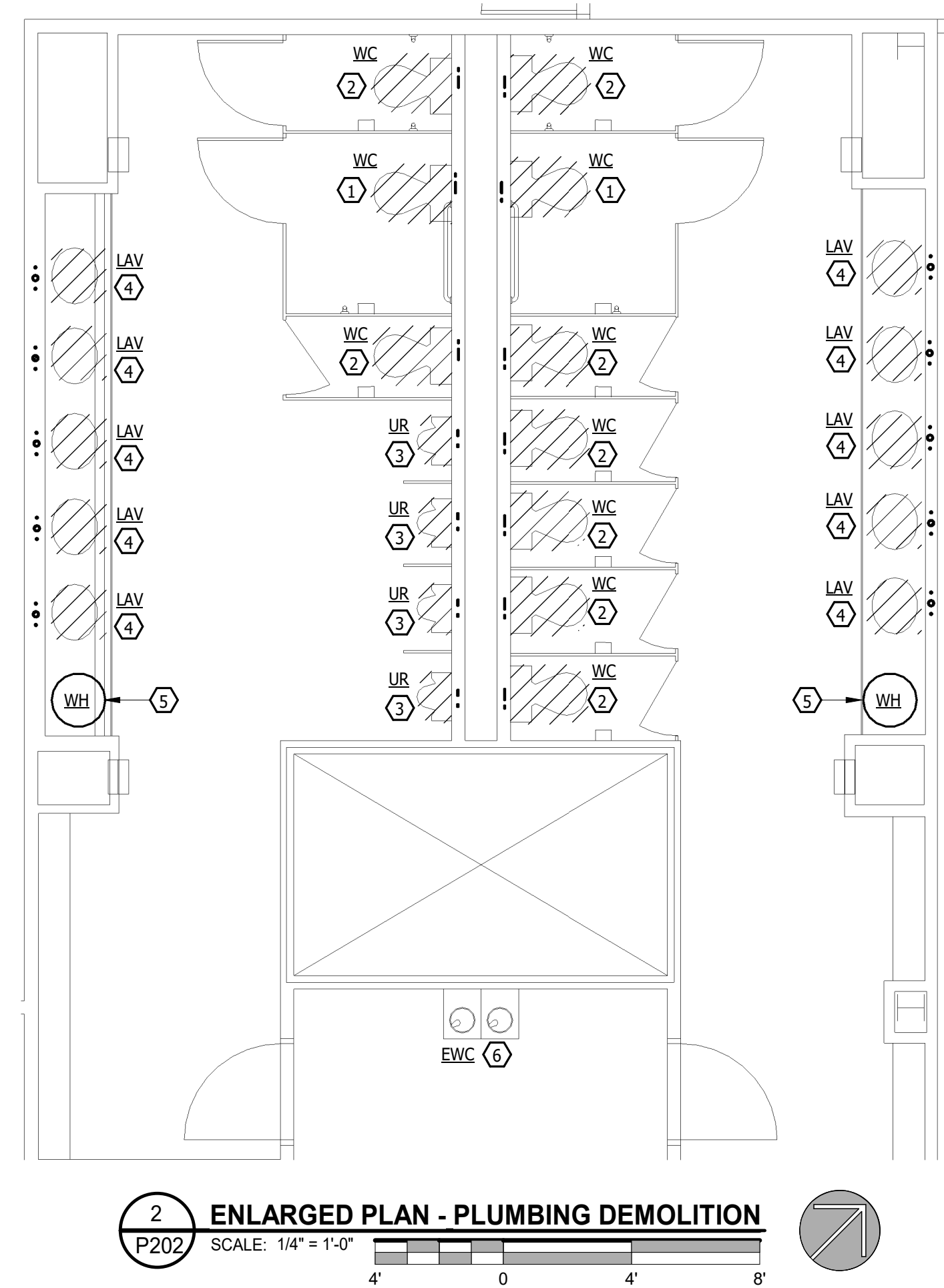
P201

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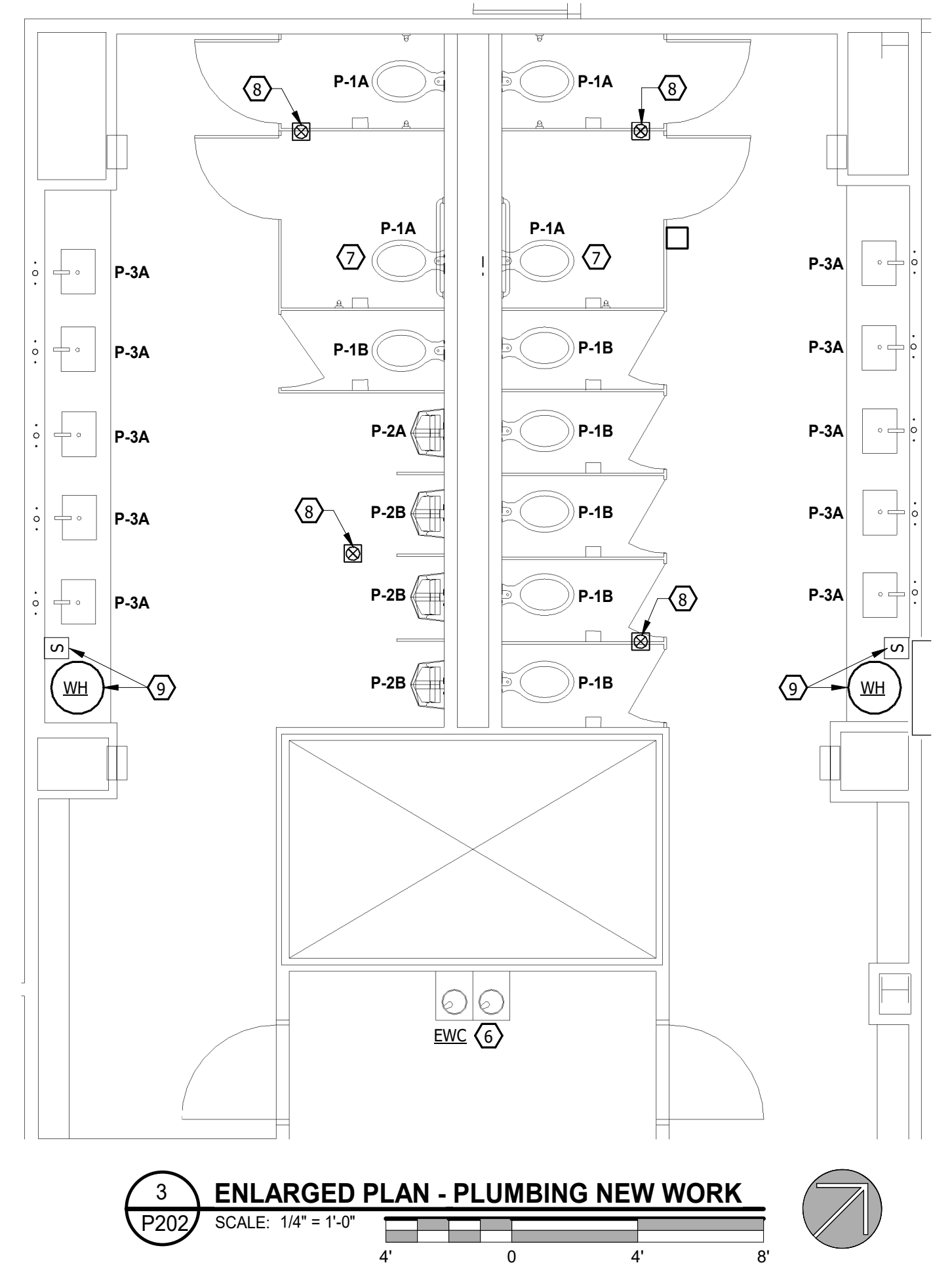
7/26/2023 9:21:34 AM



1 SECOND FLOOR - BUILDING C - PLUMBING PLAN
 P202 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'

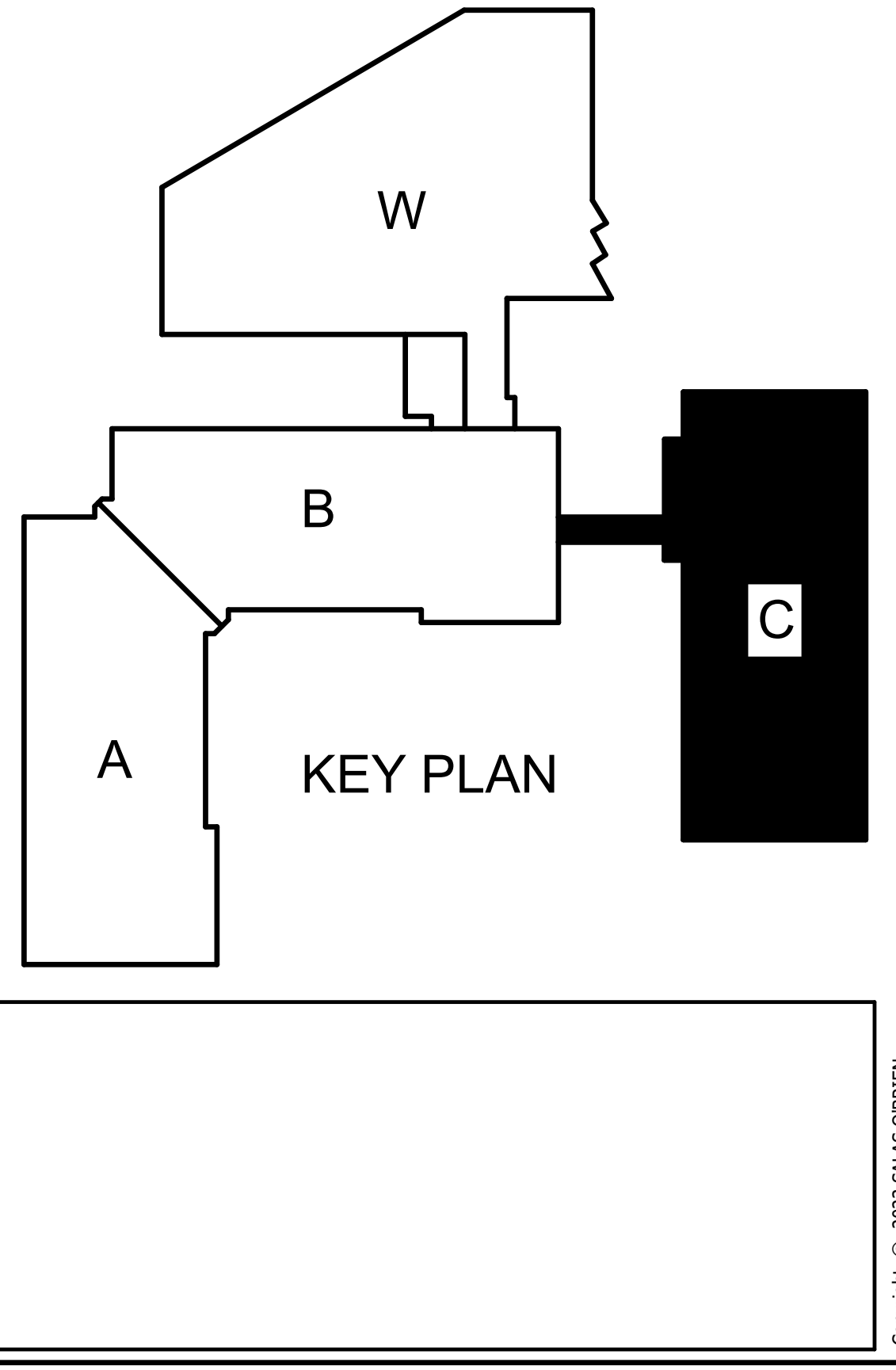


2 ENLARGED PLAN - PLUMBING DEMOLITION
 P202 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'



3 ENLARGED PLAN - PLUMBING NEW WORK
 P202 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'

- KEY NOTES TO P202**
- 1 REMOVE EXISTING WATER CLOSET, NEW WALL CLEANOUT TO BE SHOWN IN ITS PLACE.
 - 2 REMOVE THE EXISTING WATER CLOSET. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW WATER CLOSET IF NECESSARY.
 - 3 REMOVE THE EXISTING URINAL. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW URINAL IF NECESSARY.
 - 4 REMOVE THE EXISTING LAVATORY. CONTRACTOR SHALL MODIFY THE DOMESTIC WATER AND WASTE PIPING TO ACCOMMODATE THE NEW LAVATORY IF NECESSARY.
 - 5 EXISTING WATER HEATER TO REMAIN. THE CONTRACTOR SHALL COORDINATE REMOVING THE WATER HEATER TO WORK ON THE CASEWORK IN THE FIELD PRIOR TO INSTALLATION. THE CONTRACTOR SHALL PROVIDE FLEXIBLE PIPING OR ANY OTHER REQUIRED MATERIALS TO RE-CONNECT THE WATER HEATER TO THE EXISTING ROUGH-INS.
 - 6 EXISTING ELECTRIC WATER COOLER TO REMAIN.
 - 7 CONNECT NEW FIXTURE INTO EXISTING WASTE MAIN.
 - 8 CONTRACTOR TO REPLACE EXISTING FLOOR DRAIN STRAINER WITH STAINLESS STEEL STRAINER.
 - 9 THE CONTRACTOR SHALL ADD A SERVICE DISCONNECT SWITCH AND BRANCH CIRCUIT CONNECTION TO THE EXISTING WATER HEATER. THIS SWITCH MAY BE A TOGGLE TYPE DEVICE. CONFIRM VOLTAGE AND RATING TO MATCH EQUIPMENT NAMEPLATE.



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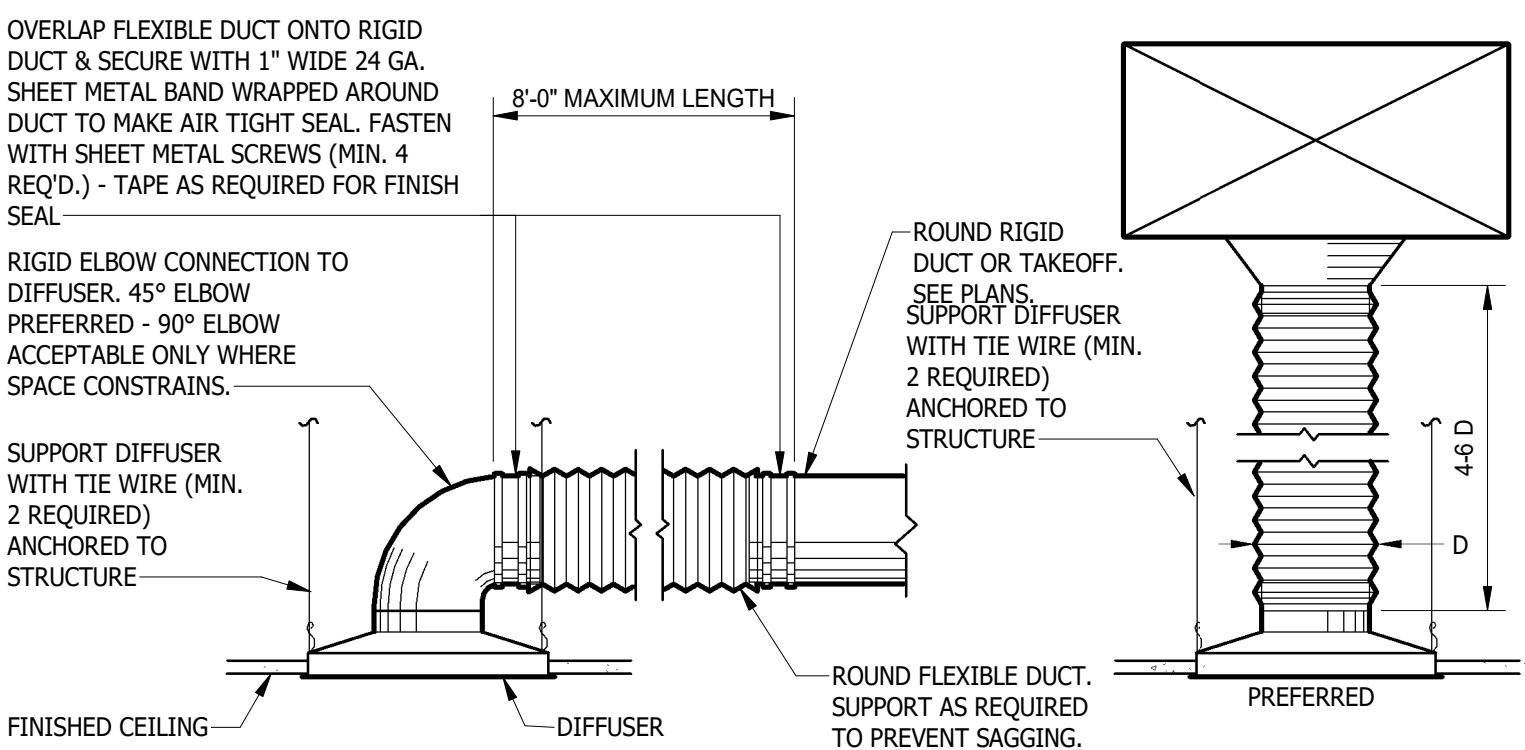
FACILITY IMPROVEMENTS FOR:
**NORTH CAROLINA JUDICIAL CENTER
 TOILET IMPROVEMENTS**
 901 CORPORATE CENTER DRIVE
 RALEIGH, NC

DWG BY: BME
 CHK BY: JMS
 DATE: 07.28.2023

| NO. | DATE | DESCRIPTION |
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 Drawing scaled for 42x30 plots.
**SECOND FLOOR
 BUILDING C
 FLOOR PLANS
 AND ENLARGED
 PLANS**
 JOB CODE: 2023-02594
 DRAWING NUMBER
P202

| AIR DISTRIBUTION SCHEDULE | | | | | | | | |
|---------------------------|----------------|--------------|--------------------|-------------------------|-------------------------|----------|---------|---------------------------|
| DESIGNATION | SERVICE | TYPE | MAX. AIRFLOW (CFM) | FACE SIZE (INxIN, ø IN) | NECK SIZE (INxIN, ø IN) | APD (IN) | MAX. NC | VOL. CONTROL DAMPER (Y/N) |
| B1 | SUPPLY | LOWVERED | 450 | 24x24 | 12 | 0.1 | 20 | Yes |
| B2 | SUPPLY | LOWVERED | 300 | 12x12 | 8 | 0.05 | 20 | Yes |
| D1 | SUPPLY | (2) 1" SLOTS | 150 | 24x5 | 8 | 0.1 | 20 | Yes |
| Z1 | RETURN/EXHAUST | PERFORATED | 1000 | 24x24 | 12x12 | 0.1 | 20 | Yes |
| Z2 | RETURN/EXHAUST | PERFORATED | 200 | 12x12 | 8x8 | 0.1 | 20 | Yes |
| Z3 | RETURN/EXHAUST | PERFORATED | 150 | 12x12 | 6x6 | 0.1 | 20 | Yes |



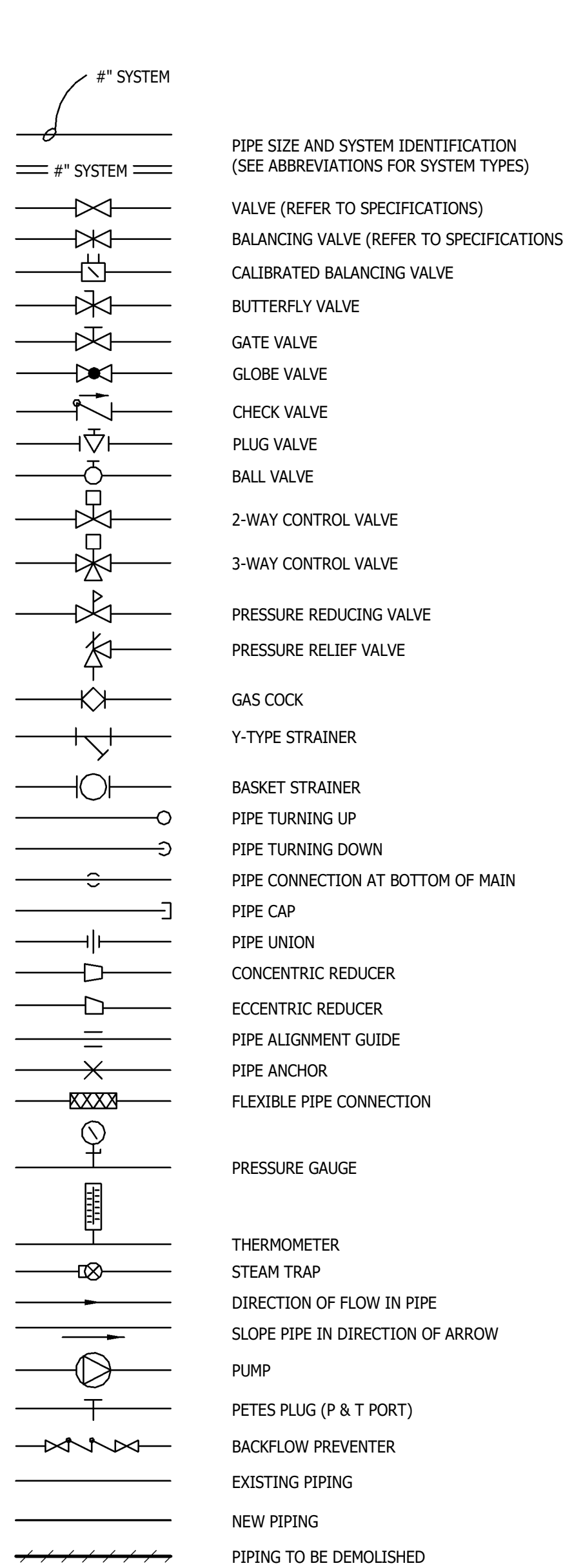
1 H001 CEILING DIFFUSER INSTALLATION
SCALE: NTS

HVAC ABBREVIATIONS

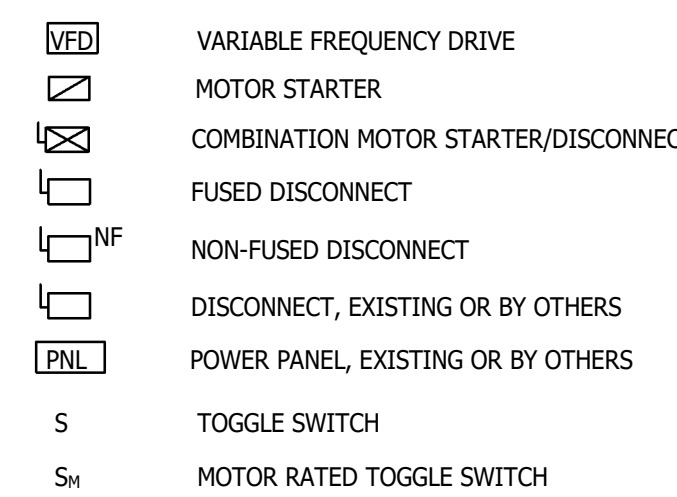
| | |
|-------|---|
| Ø | ROUND; DIAMETER; PHASE |
| # | POUNDS; NUMBER |
| A | COMPRESSED AIR |
| ACFM | ACTUAL CUBIC FEET PER MINUTE |
| ACH | AIR CHANGES PER HOUR |
| AD | ACCESS DOOR |
| AF | ABOVE FINISHED CEILING |
| AFD | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AHU | AIR HANDLING UNIT |
| ALT | ALTERNATE |
| ARCH | ARCHITECTURAL; ARCHITECT |
| AS | AIR SEPARATOR |
| AUTO | AUTOMATIC |
| AV | ACID VENT |
| AW | ACID WASTE |
| BAS | BUILDING AUTOMATION SYSTEM |
| BD | BOILER BLOWDOWN |
| BDD | BELOW FINISHED FLOOR |
| BFW | BOILER FEED WATER |
| BHP | BRAKE HORSEPOWER |
| BDD | BOTTOM OF DUCT |
| BOP | BOTTOM OF PIPE |
| BOT | BOTTOM |
| BP | BACKFLOW PREVENTER |
| BTU | BRITISH THERMAL UNIT |
| BTUH | BRITISH THERMAL UNIT PER HOUR |
| C | CELSIUS; COMMON PORT |
| CD | CONDENSATE DRAIN |
| CDWP | CONDENSER WATER PUMP |
| CDWR | CONDENSER WATER RETURN |
| CDWS | CONDENSER WATER SUPPLY |
| CF | CHEMICAL FEED |
| CFH | CUBIC FEET PER HOUR |
| CFM | CUBIC FEET PER MINUTE |
| CHWP | CHILLED WATER PUMP |
| CHWR | CHILLED WATER RETURN |
| CHWS | CHILLED WATER SUPPLY |
| CI | CAST IRON |
| CLG | CEILING |
| CO | CLEAN OUT; CARBON MONOXIDE |
| CO2 | CARBON DIOXIDE |
| CONC | CONCRETE |
| COP | COEFFICIENT OF PERFORMANCE |
| CPVC | CHLORINATED POLYVINYL CHLORIDE |
| CT | COOLING TOWER |
| CTR | CENTER |
| CJ | COPPER; CONDENSING UNIT |
| CUFT | CUBIC FOOT; CUBIC FEET |
| CUH | CABINET UNIT HEATER |
| CUYD | CUBIC YARD |
| CW | COLD WATER |
| DB | DRY BULB |
| DD | DUCT MOUNTED SMOKE DETECTOR |
| DDC | DIRECT DIGITAL CONTROLS |
| DI | DUCTILE IRON |
| DIA | DIAMETER |
| DN | DOWN |
| DP | DIFFERENTIAL PRESSURE |
| DTWR | DUAL TEMPERATURE WATER RETURN |
| DTWS | DUAL TEMPERATURE WATER SUPPLY |
| DWG | DRAWING |
| DX | DIRECT EXPANSION |
| EA | EACH |
| EAT | ENTERING AIR TEMPERATURE |
| EFF | EFFICIENCY |
| EL | ELEVATION |
| ELEC | ELECTRICAL |
| EQUIP | EQUIPMENT |
| ESP | EXTERNAL STATIC PRESSURE |
| ESS | EMERGENCY STOP SWITCH |
| ENT | ENTERING WATER TEMPERATURE |
| EXH | EXHAUST; EXHAUST AIR; EXHAUST FAN |
| EXIST | EXISTING |
| EXP | EXPANSION |
| F | FAHRENHEIT |
| FCU | FAN COIL UNIT |
| FD | FIRE DAMPER |
| FEE | FINISHED FLOOR ELEVATION |
| FL | FLOOR |
| FLEX | FLEXIBLE |
| FBR | FLAT ON BOTTOM |
| FOT | FLAT ON TOP |
| FOR | FUEL OIL RETURN |
| FOS | FUEL OIL SUPPLY |
| FOV | FUEL OIL VENT |
| FSM | FEET PER MINUTE |
| FPS | FEET PER SECOND |
| FSD | FIRE/SMOKE DAMPER |
| FT | FEET; FOOT |
| G | NATURAL GAS |
| GA | GAUGE |
| GAL | GALLON |
| GC | GENERAL CONTRACTOR |
| GEX | GREASE EXHAUST AIR |
| GPH | GALLON PER HOUR |
| GPM | GALLON PER MINUTE |
| HD | HUB DRAIN; HEAT DETECTOR |
| HEX | HAZARDOUS EXHAUST |
| HOA | HANDS-OFF-AUTOMATIC |
| HORIZ | HORIZONTAL |
| HP | HIGH PRESSURE |
| HPR | HIGH PRESSURE CONDENSATE RETURN |
| HPS | HIGH PRESSURE STEAM |
| HSTAT | HUMIDISTAT |
| HT | HEIGHT |
| HTG | HEATING |
| HVAC | HEATING, VENTILATION AND AIR CONDITIONING |
| HWR | HEATING WATER RETURN |
| HWS | HEATING WATER SUPPLY |
| HK | HEAT EXCHANGER |
| ID | INDIRECT DRAIN; INSIDE DIAMETER |
| IN | INCH |
| INV | INVERT |
| ISP | INTERNAL STATIC PRESSURE |
| KW | KILOWATT |
| KWH | KILOWATT HOUR |
| LAT | LEAVING AIR TEMPERATURE |
| LB/HR | POUNDS PER HOUR |
| LP | LOW PRESSURE |
| LPG | LIQUID PETROLEUM GAS |
| LPR | LOW PRESSURE CONDENSATE RETURN |
| LPS | LOW PRESSURE CONDENSATE SUPPLY |
| LWT | LEAVING WATER TEMPERATURE |
| MAX | MAXIMUM |
| MBH | 1000 BRITISH THERMAL UNITS PER HOUR |
| MFR | MANUFACTURER |
| MH | MANHOLE |
| MIN | MINIMUM |
| MP | MEDIUM PRESSURE |
| MRT | MOTOR RATED TOGGLE SWITCH |
| MS | MOTOR STARTER |
| MSD | COMBINATION MOTOR STARTER AND DISCONNECT |
| MTD | MOUNTED |
| MUA | MAKE UP AIR |
| MVD | MANUAL VOLUME DAMPER |
| N | NITROGEN |
| N.C. | NORMALLY CLOSED |
| NIC | NOT IN CONTRACT |
| NO | NITROUS OXIDE; NUMBER |
| N.O. | NORMALLY OPEN |
| NPSH | NET POSITIVE SUCTION HEAD |
| NTS | NOT TO SCALE |
| O | OXYGEN |
| OA | OUTSIDE AIR |
| OBD | OPPOSED BLADE DAMPER |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| P | PUMP |
| PC | PLUMBING CONTRACTOR |
| PCWHP | PRIMARY CHILLED WATER PUMP |
| PD | PRESSURE DROP |
| PHWP | PRIMARY HOT WATER PUMP |
| PI | PRESSURE INDEPENDENT |
| PICV | PRESSURE INDEPENDENT CONTROL VALVE |
| PR | PUMPED CONDENSATE RETURN |
| PNL | PANEL |
| PPH | POUNDS PER HOUR |
| PRV | PRESSURE REDUCING VALVE |
| PSI | POUNDS PER SQUARE INCH |
| PSIA | POUNDS PER SQUARE INCH ABSOLUTE |
| PSIG | POUNDS PER SQUARE INCH GAUGE |
| PT | POINT |
| PCV | POLYVINYL CHLORIDE |
| QTY | QUANTITY |
| RA | RETURN AIR |
| RD | ROUND |
| RH | RELATIVE HUMIDITY |
| RL | REFRIGERANT LIQUID |
| RM | ROOM |
| RPM | REVOLUTIONS PER MINUTE |
| RPZ | REDUCED PRESSURE ZONE |
| RS | REFRIGERANT SUCTION |
| SA | SUPPLY AIR |
| SCFM | STANDARD CUBIC FEET PER MINUTE |
| SDWP | SECONDARY CHILLED WATER PUMP |
| SD | SMOKE DAMPER |
| SECT | SECTION |
| SF | SUPPLY FAN; SQUARE FEET |
| SHWP | SECONDARY HOT WATER PUMP |
| SP | STATIC PRESSURE |
| SPEC | SPECIFICATION |
| SPR | STATIC PRESSURE LOSS |
| SS | STAINLESS STEEL |
| STM | STEAM |
| TA | TRANSFER AIR |
| TAB | TEST AND BALANCE |
| TOD | TOP OF DUCT |
| TOP | TOP OF PIPE |
| TOS | TOP OF STEEL |
| TSP | TOTAL STATIC PRESSURE |
| TSTAT | THERMOSTAT |
| TU | TERMINAL UNIT |
| TYP | TYPICAL |
| UH | UNIT HEATER |
| UL | UNDERWRITERS LABORATORIES INC. |
| V | VENT |
| VA | VENTILATION AIR |
| VAC | VACUUM (SUCTION) |
| VERT | VERTICAL |
| VFD | VARIABLE FREQUENCY DRIVE |
| W | WITH |
| WB | WET BULB |
| WG | WATER GAUGE |
| W/O | WITHOUT |
| XT | EXPANSION TANK |

HVAC ABBREVIATIONS

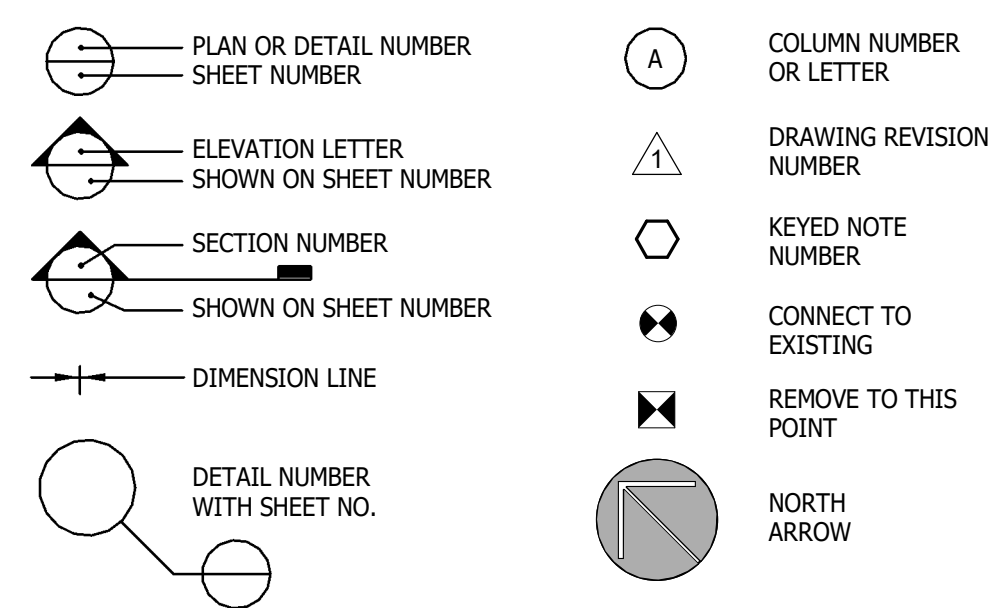
PIPING SYMBOLS



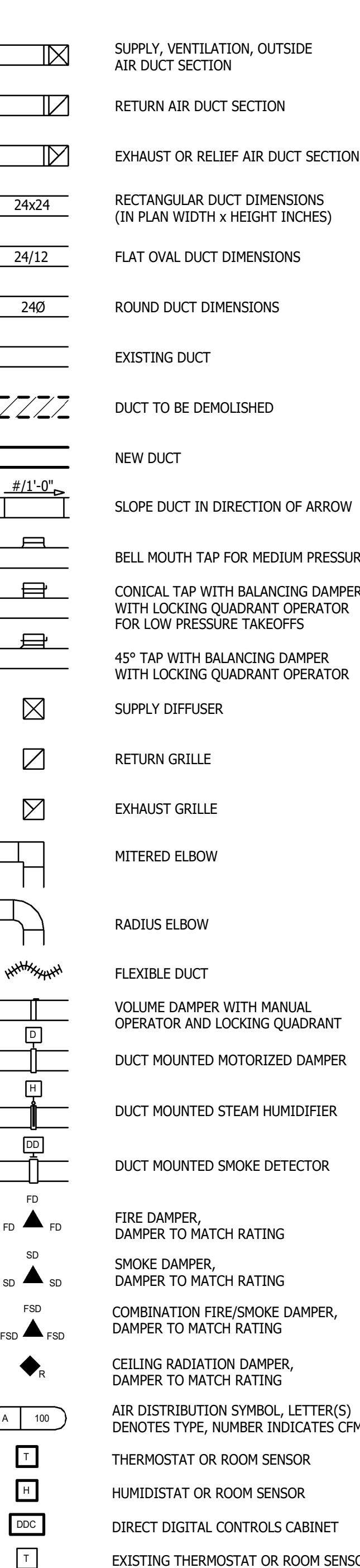
ELECTRICAL SYMBOLS



GENERAL SYMBOLS



DUCTWORK SYMBOLS



HVAC GENERAL NOTES

- COORDINATE WORK WITH OTHER TRADES PRIOR TO PURCHASE AND INSTALLATION OF ANY DUCTWORK OR EQUIPMENT. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION. REFER TO THE ARCHITECTURAL PLANS FOR DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
- ALL DUCT LAYOUTS AND LOCATIONS SHOWN ARE DIAGRAMMATIC AND DO NOT INDICATE ALL FITTINGS REQUIRED TO COMPLETE WORK. COORDINATE THE DUCT LAYOUT WITH ALL CONTRACTORS PRIOR TO INSTALLATION, INCLUDING CONDUITS AND CABLE TRAYS. PROVIDE ALL DUCT OFFSETS REQUIRED FOR THE COMPLETE INSTALLATION OF THE SYSTEM WHETHER OR NOT THE OFFSETS ARE INDICATED ON THE PLANS. INSTALL DUCTWORK HIGH ENOUGH TO AVOID LIGHTS, CONDUIT AND MISCELLANEOUS PIPING, BUT LOW ENOUGH TO ALLOW FOR EASY ACCESS TO SYSTEM BALANCING DEVICES. DO NOT BLOCK ACCESS TO DEVICES.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS AND ARCHITECTURAL DETAILS FOR EXACT LOCATION OF ALL CEILING AND SIDEWALL AIR DISTRIBUTION AND DEVICES.
- ROUND DUCT RUN-OUTS TO DIFFUSERS SHALL BE SAME SIZE AS INLET DIAMETER SCHEDULED, UNLESS NOTED OTHERWISE.
- ALL DUCT DIMENSIONS ARE INSIDE CLEAR. SEE DETAILS AND SPECIFICATIONS FOR INSULATION REQUIREMENTS.
- PROVIDE BALANCING DAMPERS WHERE INDICATED ON THE PLANS AND WHERE REQUIRED FOR SYSTEM BALANCING.
- INSTALL ALL EQUIPMENT WITH THE MANUFACTURER'S RECOMMENDATION AND CODE REQUIRED CLEARANCES. INSURE ALL ITEMS FURNISHED WILL FIT IN THE SPACE AVAILABLE. MAKE NECESSARY FIELD MEASUREMENTS TO ASCERTAIN SPACE REQUIREMENTS AND FURNISH AND INSTALL SUCH SIZES AND SHAPES OF EQUIPMENT THAT ARE THE TRUE INTENT AND MEANING OF THE PLANS AND SPECIFICATIONS. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO PURCHASE AND INSTALLATION.
- COORDINATE EXACT SIZE AND LOCATION OF ALL PENETRATIONS THROUGH THE ROOF WITH ALL TRADES. FURNISH 24" x 24" ACCESS DOORS (UNLESS OTHERWISE INDICATED) AT ALL MAINTENANCE ITEMS THAT ARE CONCEALED, SUCH AS EQUIPMENT, VALVES, DAMPERS, SENSORS, ETC. COORDINATE EXACT LOCATIONS WITH ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
- PROVIDE DUCT TRANSITIONS AS NECESSARY WHERE CONNECTING NEW AIR DEVICE TO EXISTING DUCT.

HVAC DEMOLITION NOTES

- SEE REQUIREMENTS OF SECTION 019916 OF THE SPECIFICATION.
- THIS DEMOLITION PLAN MAY OR MAY NOT REFLECT ALL EXISTING HVAC COMPONENTS AND SYSTEMS. THIS DRAWING IS BASED ON AVAILABLE DRAWINGS AND/OR VISUAL OBSERVATIONS AND IS INTENDED TO INDICATE THE MAGNITUDE OF DEMOLITION WORK REQUIRED BUT NOT TO EXCLUDE WORK NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID.
- THE SCOPE OF THE DEMOLITION WORK REQUIRED INCLUDES REMOVAL OF ITEMS THAT MUST BE REINSTALLED OR REPLACED IN ORDER TO REMOVE ANOTHER ITEM OR INSTALL NEW WORK.
- ALL EXISTING EQUIPMENT REMOVED SHALL BE DISPOSED OF BY THIS CONTRACTOR, (UNLESS NOTED OTHERWISE).
- CONTRACTOR TO MATCH BUILDING CONSTRUCTION (WALLS, FLOORS, CEILING, ROOF, ETC.) DISTURBED BY HVAC DEMOLITION TO MATCH EXISTING. HVAC CONTRACTOR TO MINIMIZE DISTURBANCE OF REMAINING CONSTRUCTION.

APPENDIX B 2018 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

| MECHANICAL SUMMARY | |
|---|--|
| MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT | |
| Thermal Zone: | 2013 ASHRAE FUNDAMENTALS, City, Climate Zone |
| winter dry bulb: | N/A |
| summer dry bulb: | N/A |
| relative humidity: | N/A |
| Building heating load: | N/A |
| Building cooling load: | N/A |
| Mechanical Spacing Conditioning System | |
| Unitary | description of unit: N/A |
| | heating efficiency: N/A |
| | cooling efficiency: N/A |
| | size category of unit: N/A |
| Boiler | Size category, if oversized, state reason: N/A |
| Chiller | Size category, if oversized, state reason: N/A |
| List equipment efficiencies: | N/A |

HVAC DRAWING LIST

| NO. | TITLE |
|------|--|
| H001 | STANDARDS, SYMBOLS, DETAILS & SCHEDULES |
| H010 | LOWER LEVEL BUILDING C FLOOR PLANS AND ENLARGED PLANS |
| H101 | FIRST FLOOR BUILDING B FLOOR PLANS AND ENLARGED PLANS |
| H102 | FIRST FLOOR BUILDING B FLOOR PLANS AND ENLARGED PLANS |
| H103 | FIRST FLOOR BUILDING C FLOOR PLANS AND ENLARGED PLANS |
| H104 | FIRST FLOOR WAREHOUSE FLOOR PLANS AND ENLARGED PLANS |
| H201 | SECOND FLOOR BUILDING B FLOOR PLANS AND ENLARGED PLANS |
| H202 | SECOND FLOOR BUILDING C FLOOR PLANS AND ENLARGED PLANS |
| H203 | ROOF PLAN |

FACILITY IMPROVEMENTS FOR:

**NORTH CAROLINA JUDICIAL CENTER
TOILET IMPROVEMENTS**
901 CORPORATE CENTER DRIVE
RALEIGH, NC

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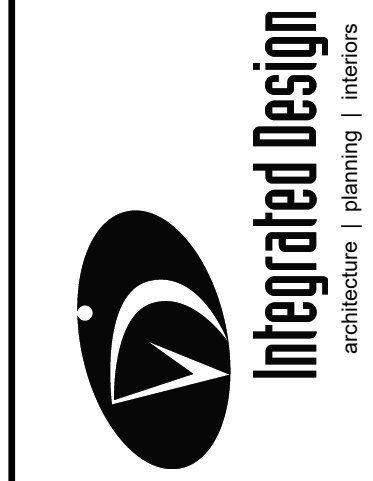
STANDARDS,
SYMBOLS,
DETAILS &
SCHEDULES

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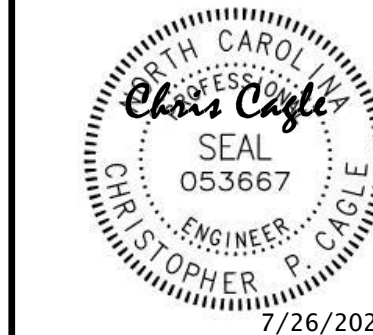
H001

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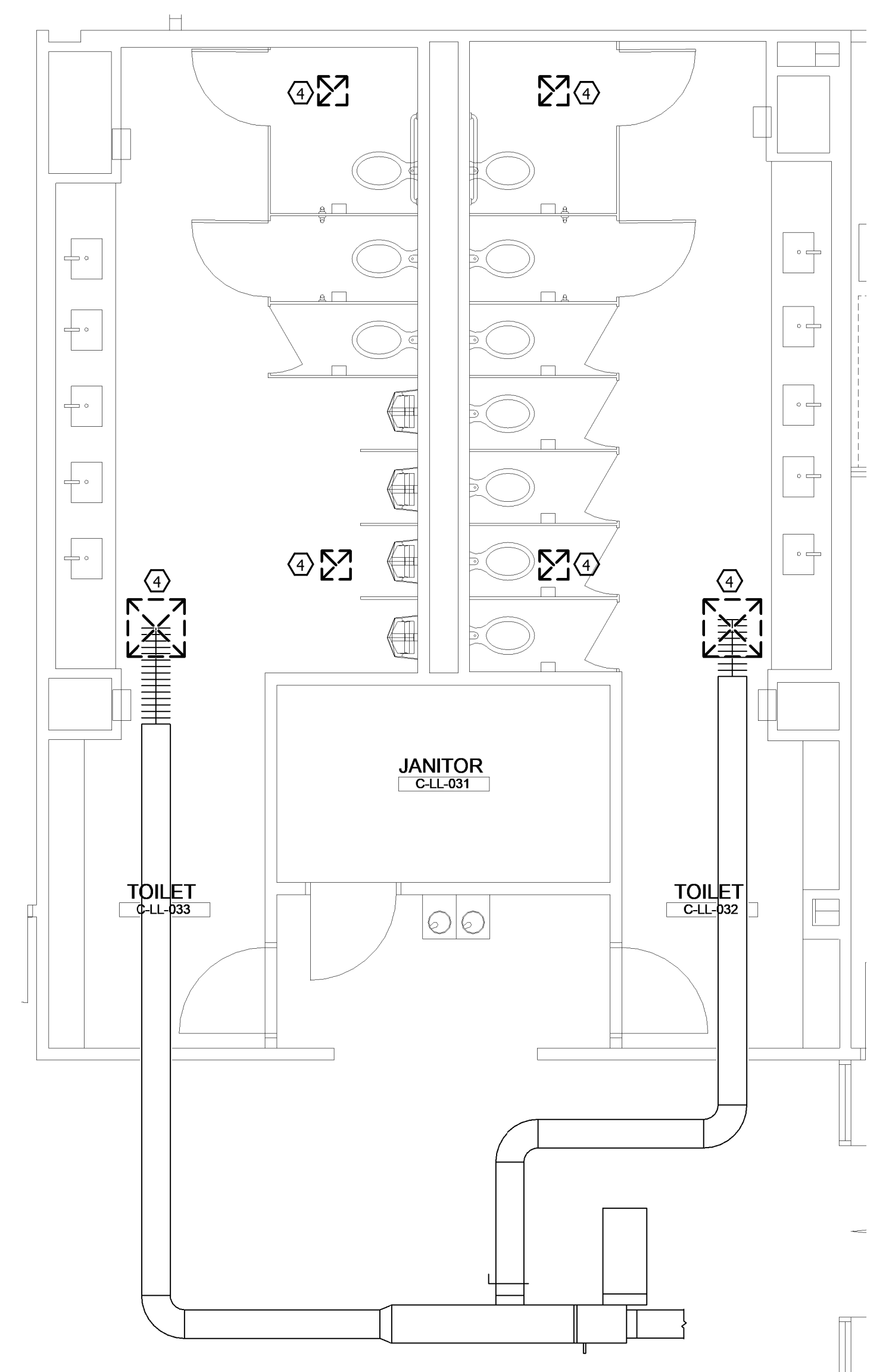


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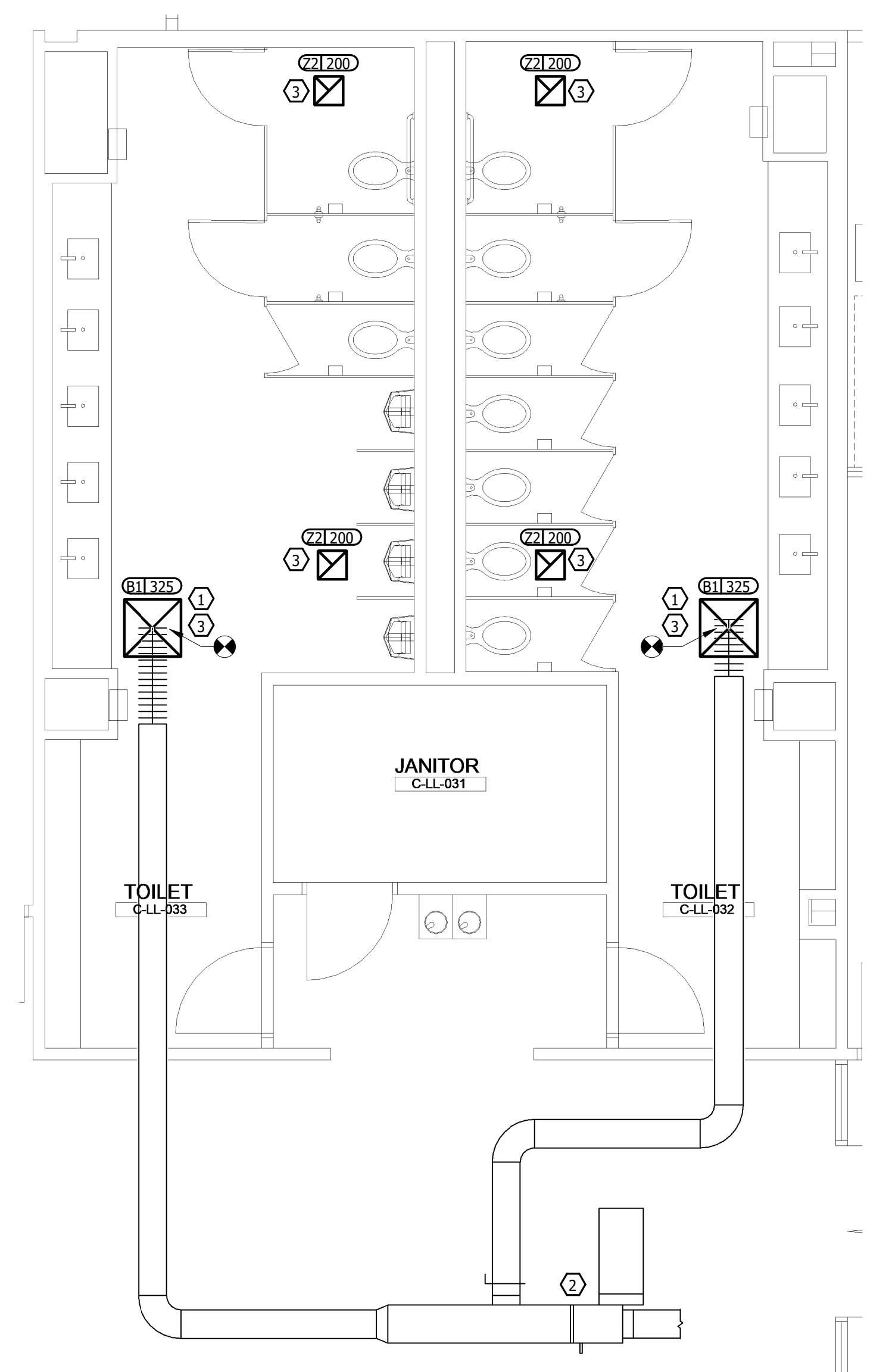
1
E
D
C
B
A
7/26/2023 9:15:47 AM



1 LOWER LEVEL - AREA C - MECHANICAL PLAN
 H010 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



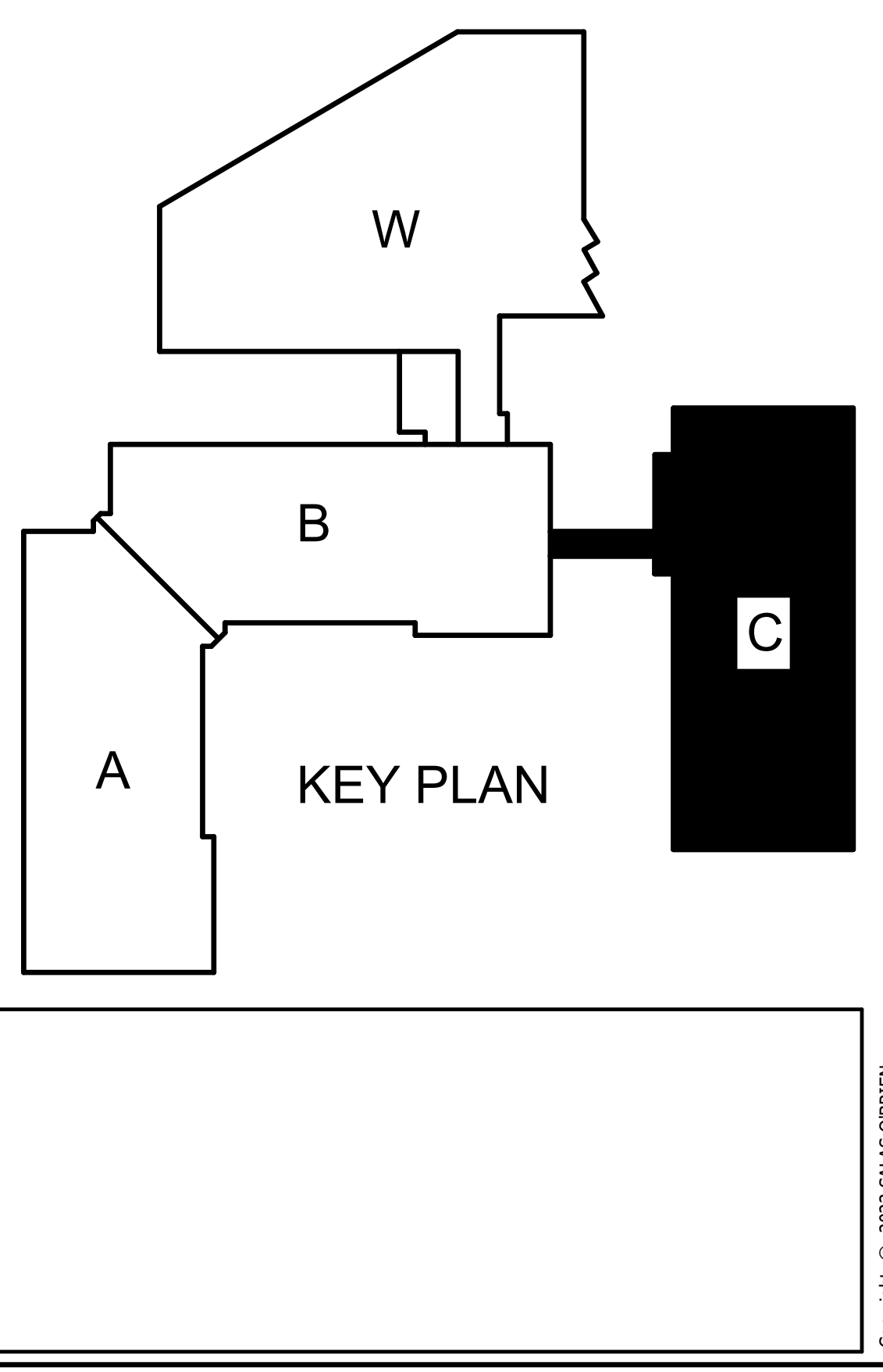
2 ENLARGED PLAN - MECHANICAL DEMOLITION
 H010 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'



3 ENLARGED PLAN - MECHANICAL NEW WORK
 H010 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'

KEY NOTES TO H010

- BALANCE SUPPLY GRILL TO 325 CFM.
- RE-BALANCE EXISTING VAV TO 650 CFM.
- RE-INSTALL NEW AIR DEVICE IN SAME LOCATION AS EXISTING.
- REMOVE AIR DEVICE. DUCTWORK TO REMAIN FOR RE-CONNECTION IN NEW WORK.
- RE-BALANCE EXISTING GRILL TO CFM INDICATED

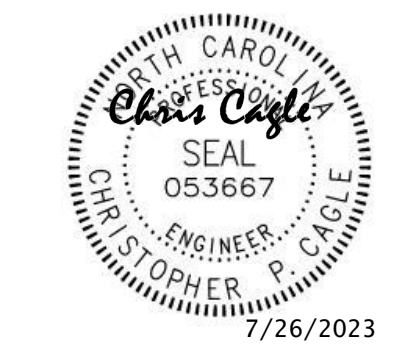


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DWG BY: BME
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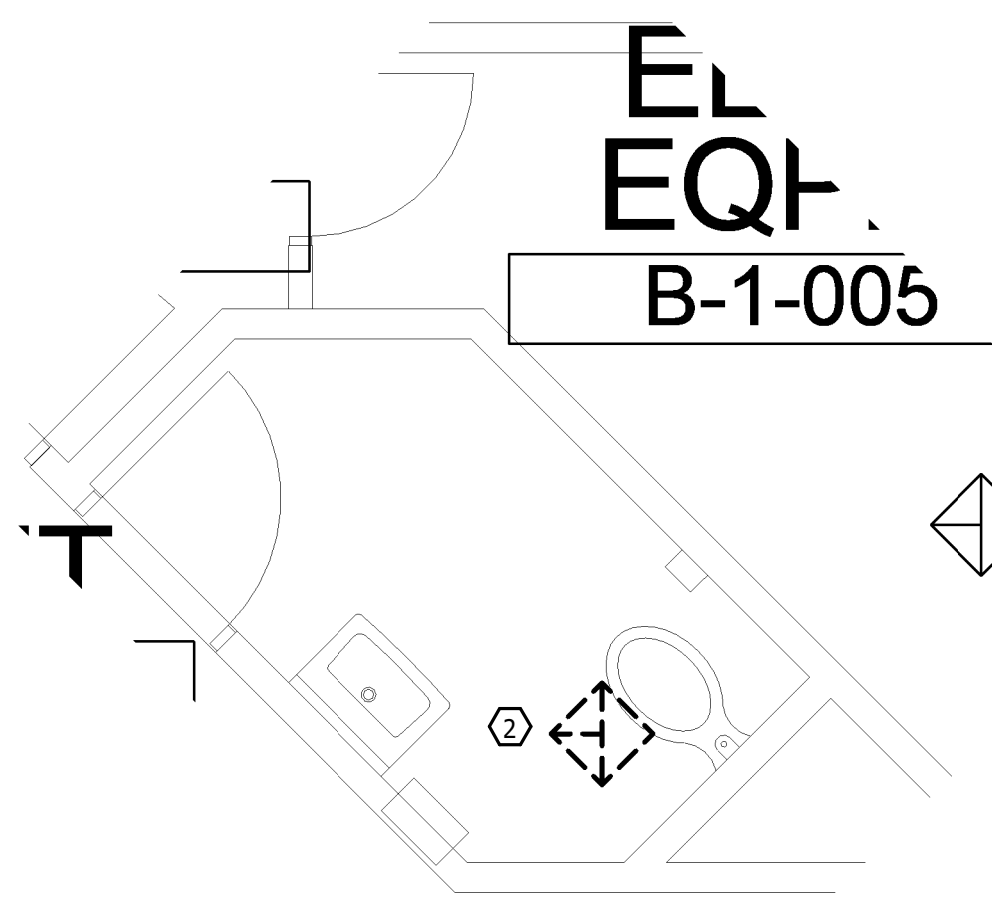
Drawing scaled for 42x30 plots.
 LOWER LEVEL
 BUILDING C
 FLOOR PLANS
 AND ENLARGED
 PLANS

JOB CODE: 2023-02594
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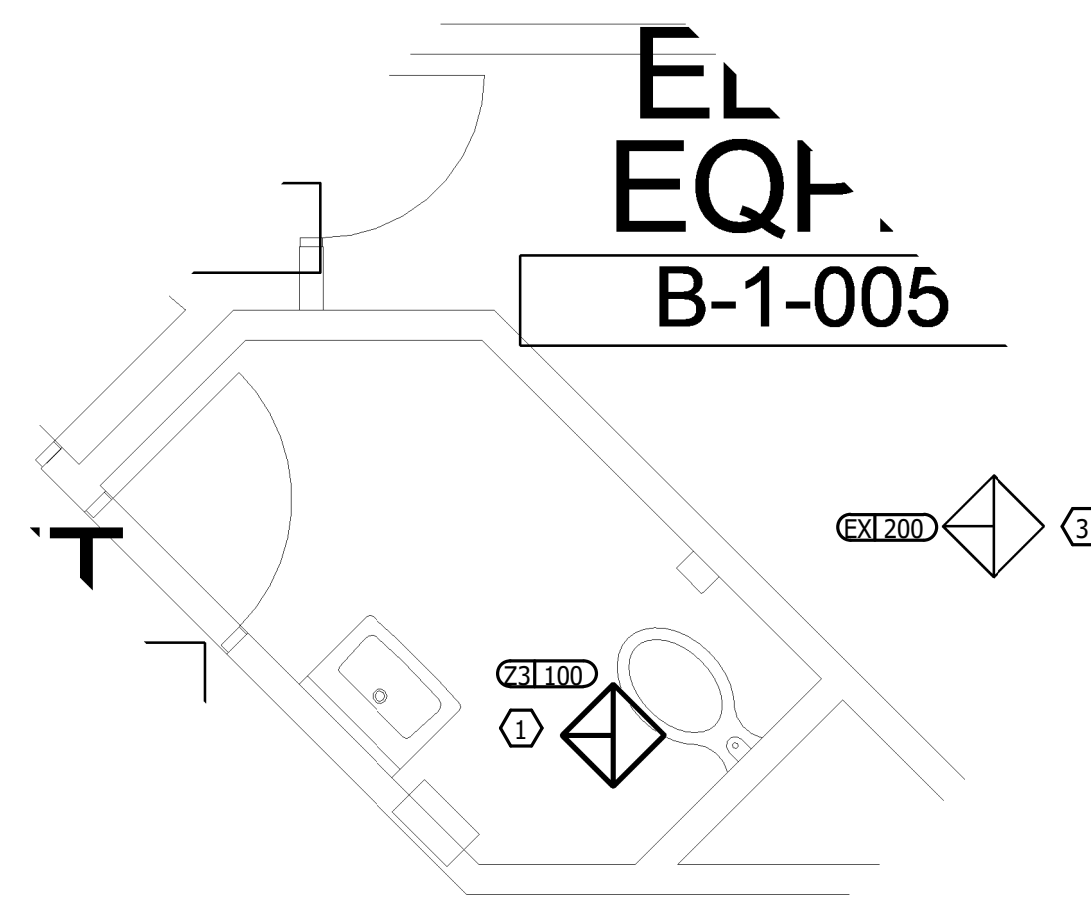
H010

KEY NOTES TO H101

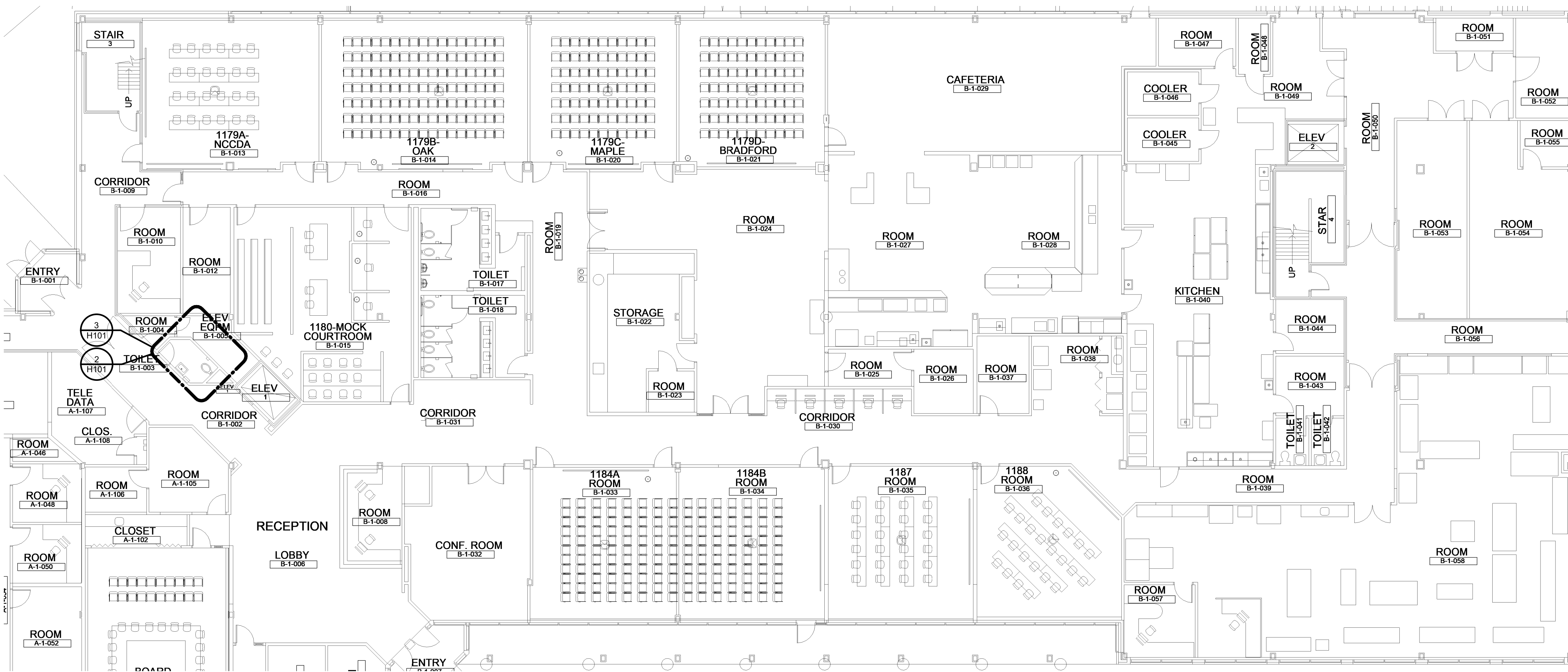
- 1 RE-INSTALL NEW AIR DEVICE IN SAME LOCATION AS EXISTING.
- 2 REMOVE AIR DEVICE, DUCTWORK TO REMAIN FOR RE-CONNECTION IN NEW WORK.
- 3 RE-BALANCE EXISTING GRILL TO CFM INDICATED



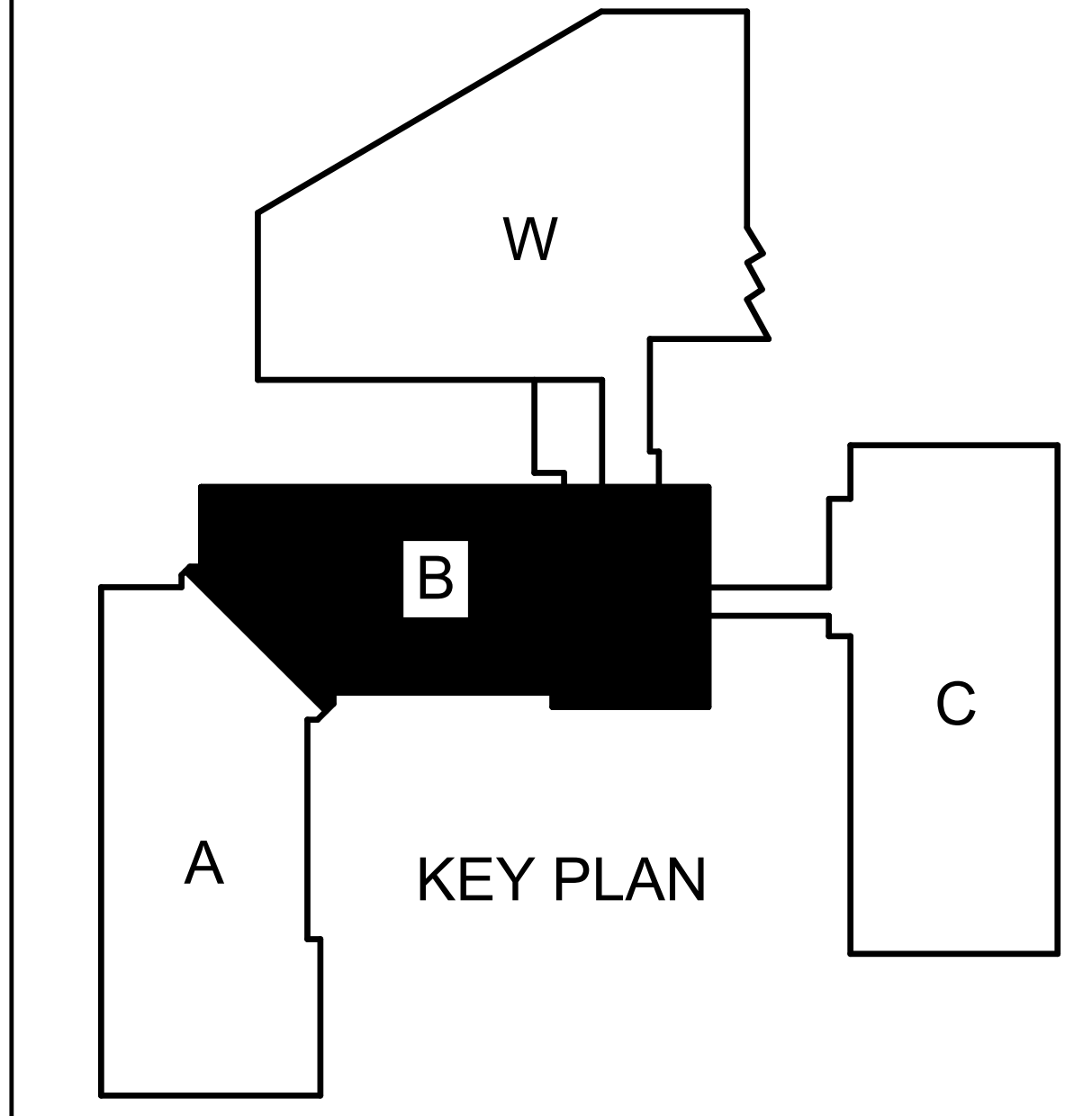
2 ENLARGED PLAN - MECHANICAL DEMOLITION
H101 SCALE: 3/8" = 1'-0"



3 ENLARGED PLAN - MECHANICAL NEW WORK
H101 SCALE: 3/8" = 1'-0"



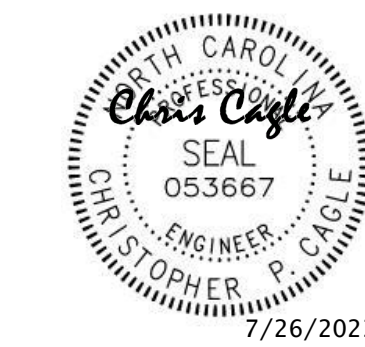
1 LEVEL 1 - AREA B - MECHANICAL PLAN
H101 SCALE: 3/32" = 1'-0"



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Drawing scaled for 42x30 plots.
FIRST FLOOR
BUILDING B
FLOOR PLANS
AND ENLARGED
PLANS

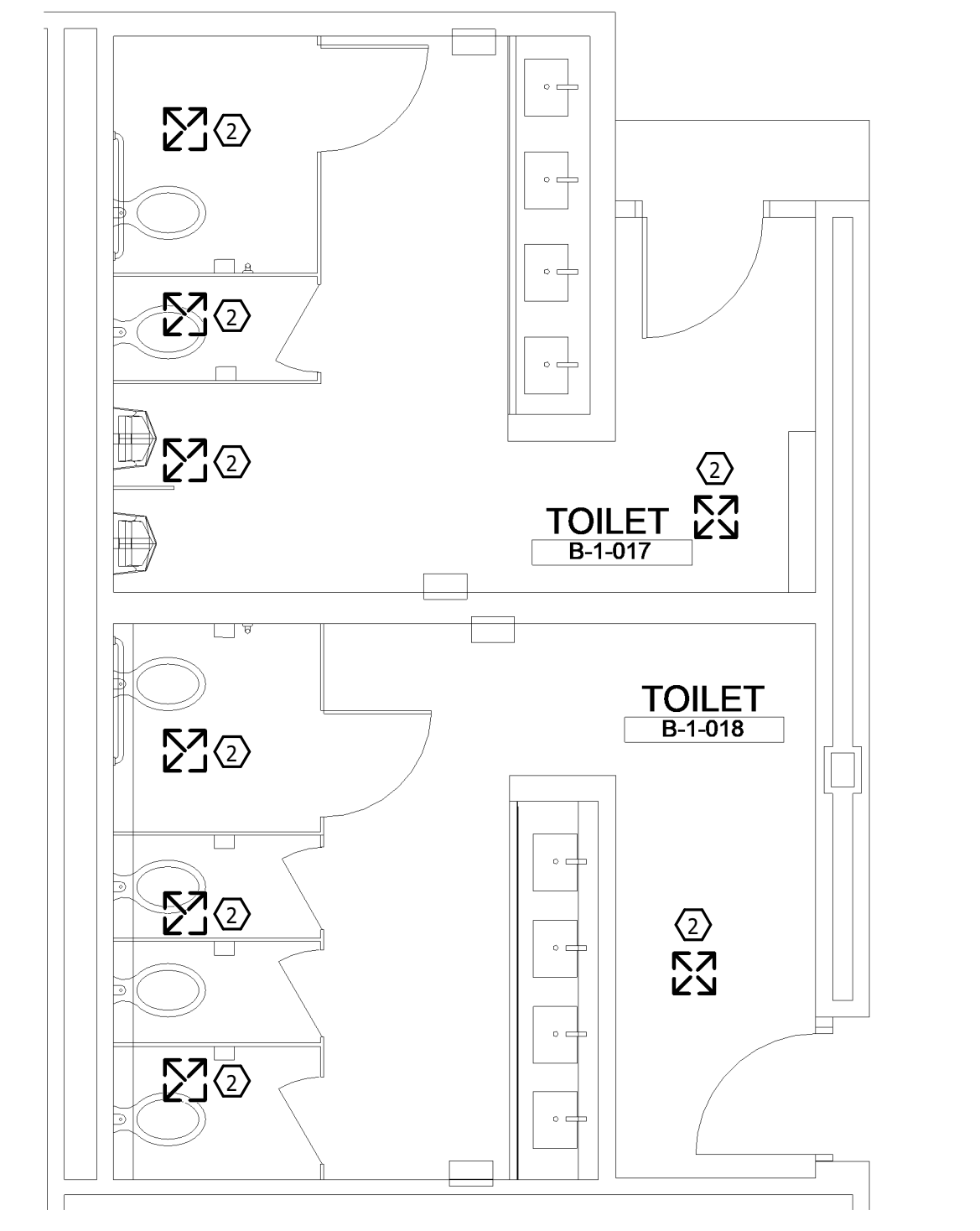
JOB CODE: 2023-02594
DRAWING NUMBER

H101

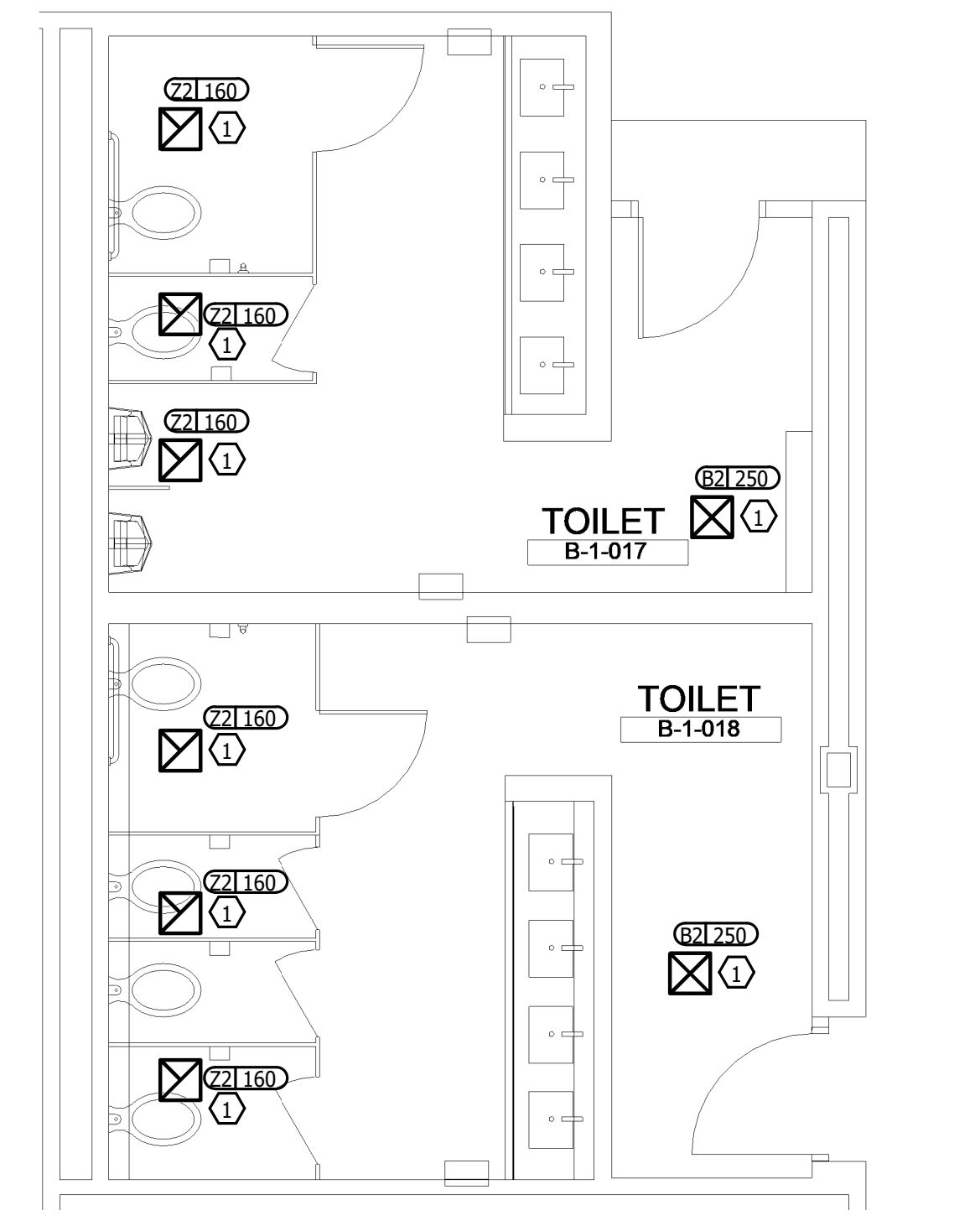
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KEY NOTES TO H102

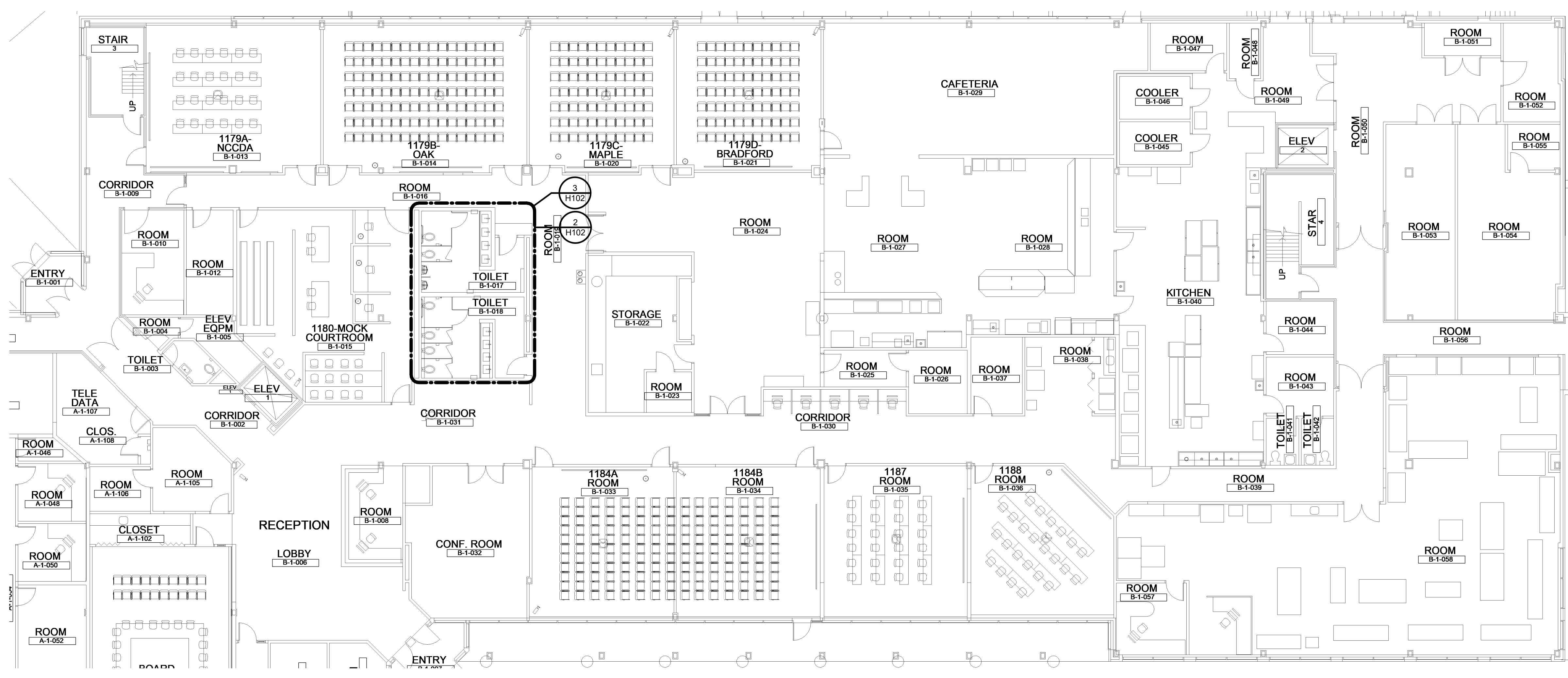
- RE-INSTALL NEW AIR DEVICE IN SAME LOCATION AS EXISTING.
- REMOVE AIR DEVICE. DUCTWORK TO REMAIN FOR RE-CONNECTION IN NEW WORK.



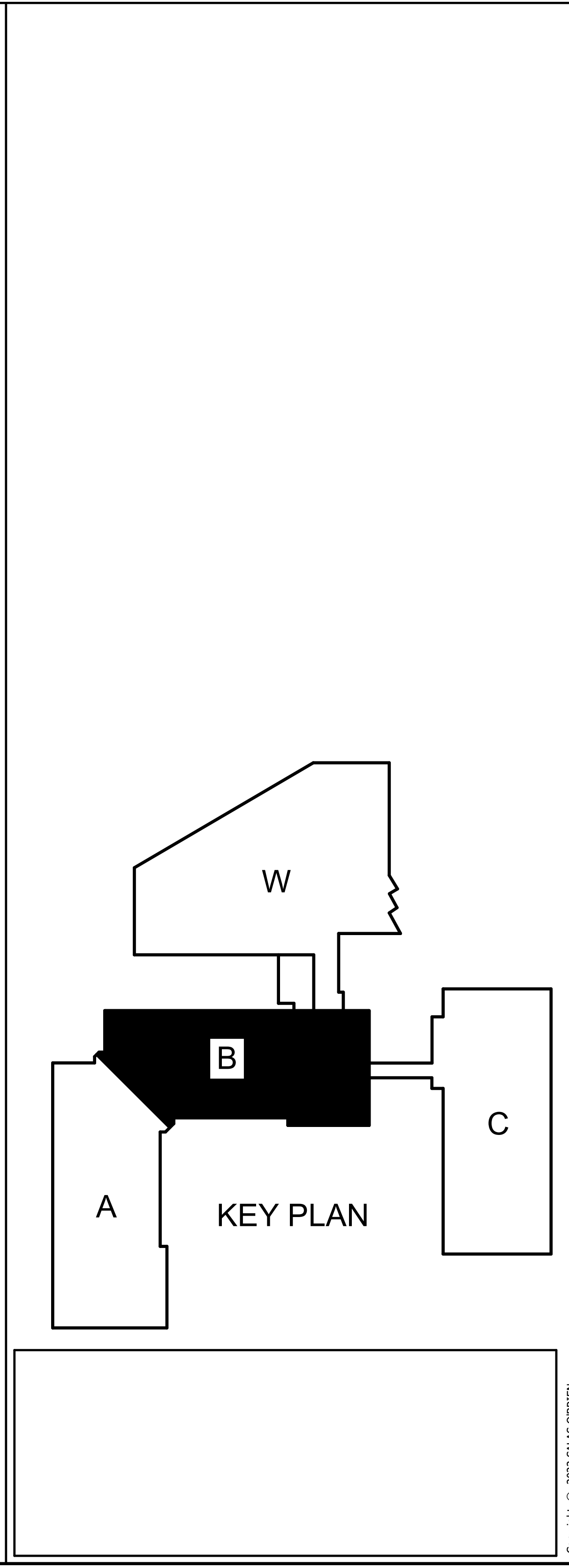
2 ENLARGED PLAN - MECHANICAL DEMOLITION
 H102 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'



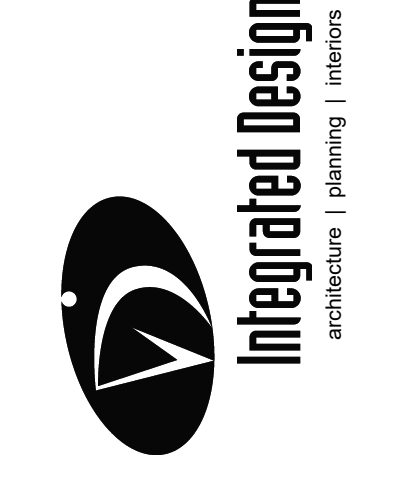
3 ENLARGED PLAN - MECHANICAL NEW WORK
 H102 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'



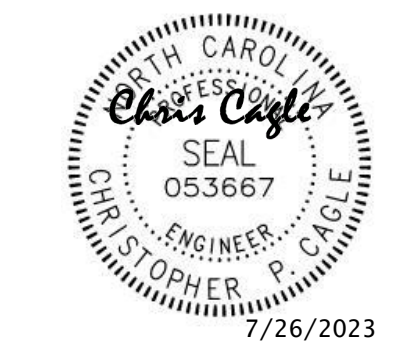
1 LEVEL 1 - AREA B - MECHANICAL PLAN 2
 H102 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



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 CHK BY: CPC

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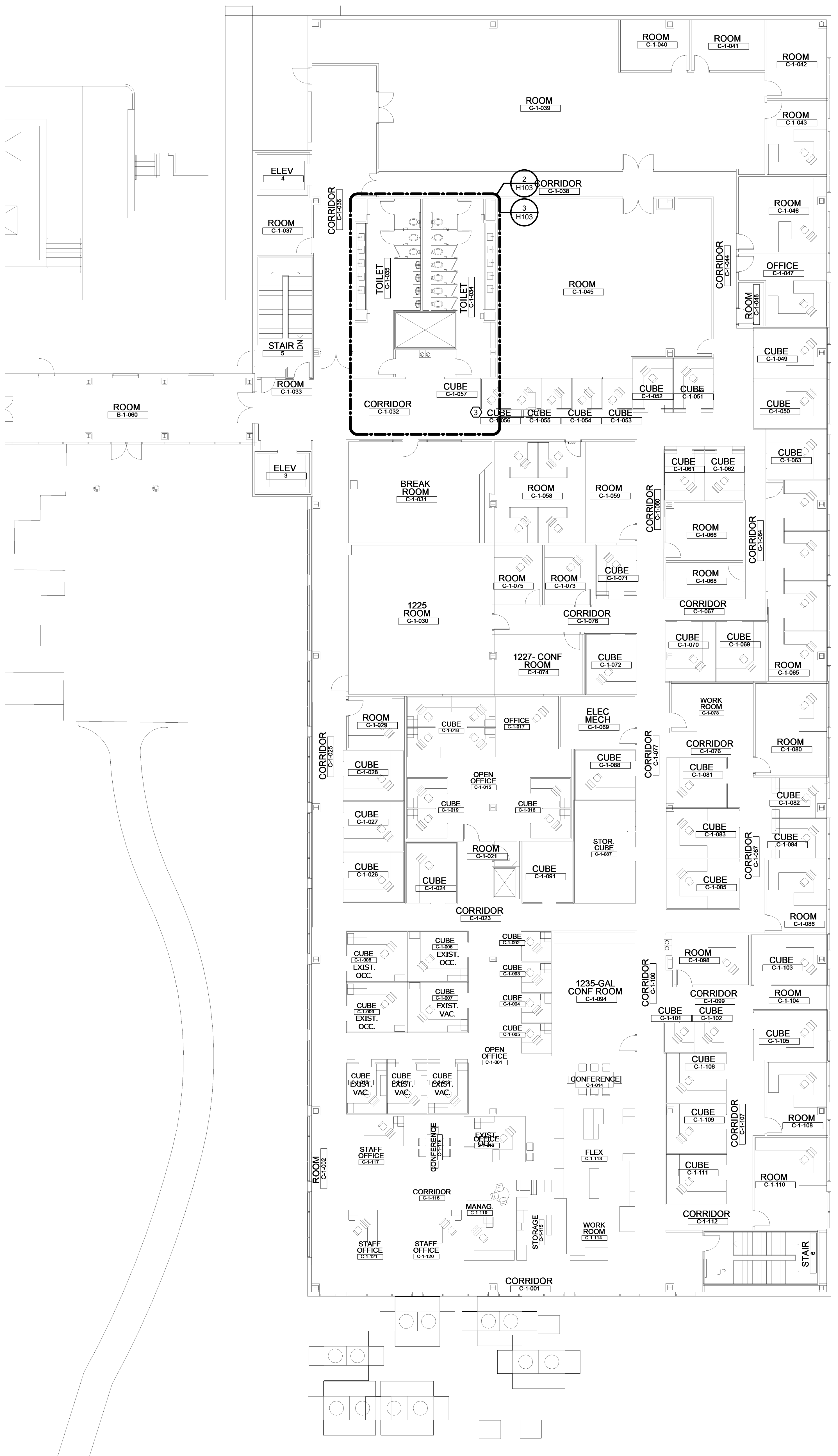
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**FIRST FLOOR
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 PLANS**

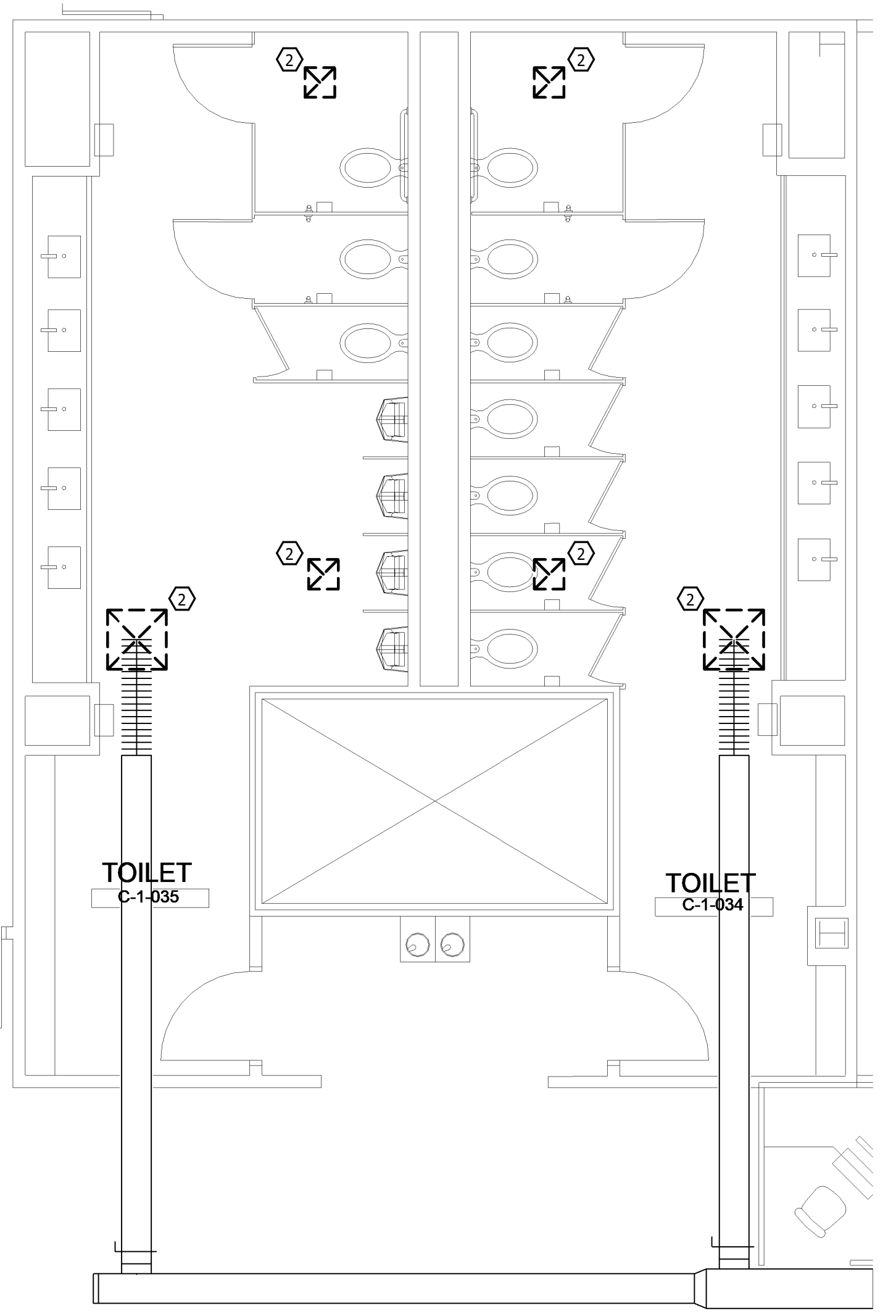
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H102

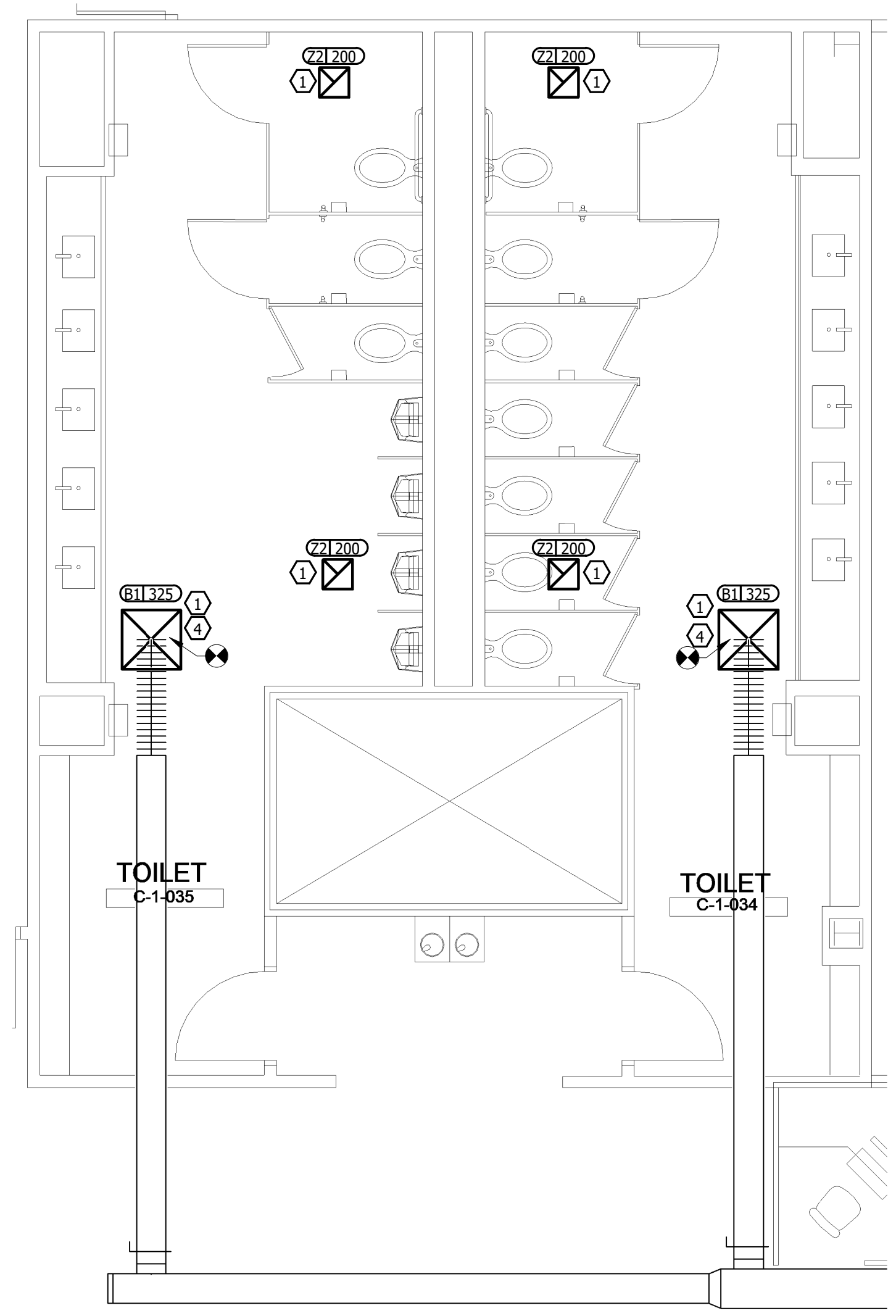
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1 LEVEL 1 - AREA C - MECHANICAL PLAN
 H103 SCALE: 3/32" = 1'-0"
 0 8' 16' 24'



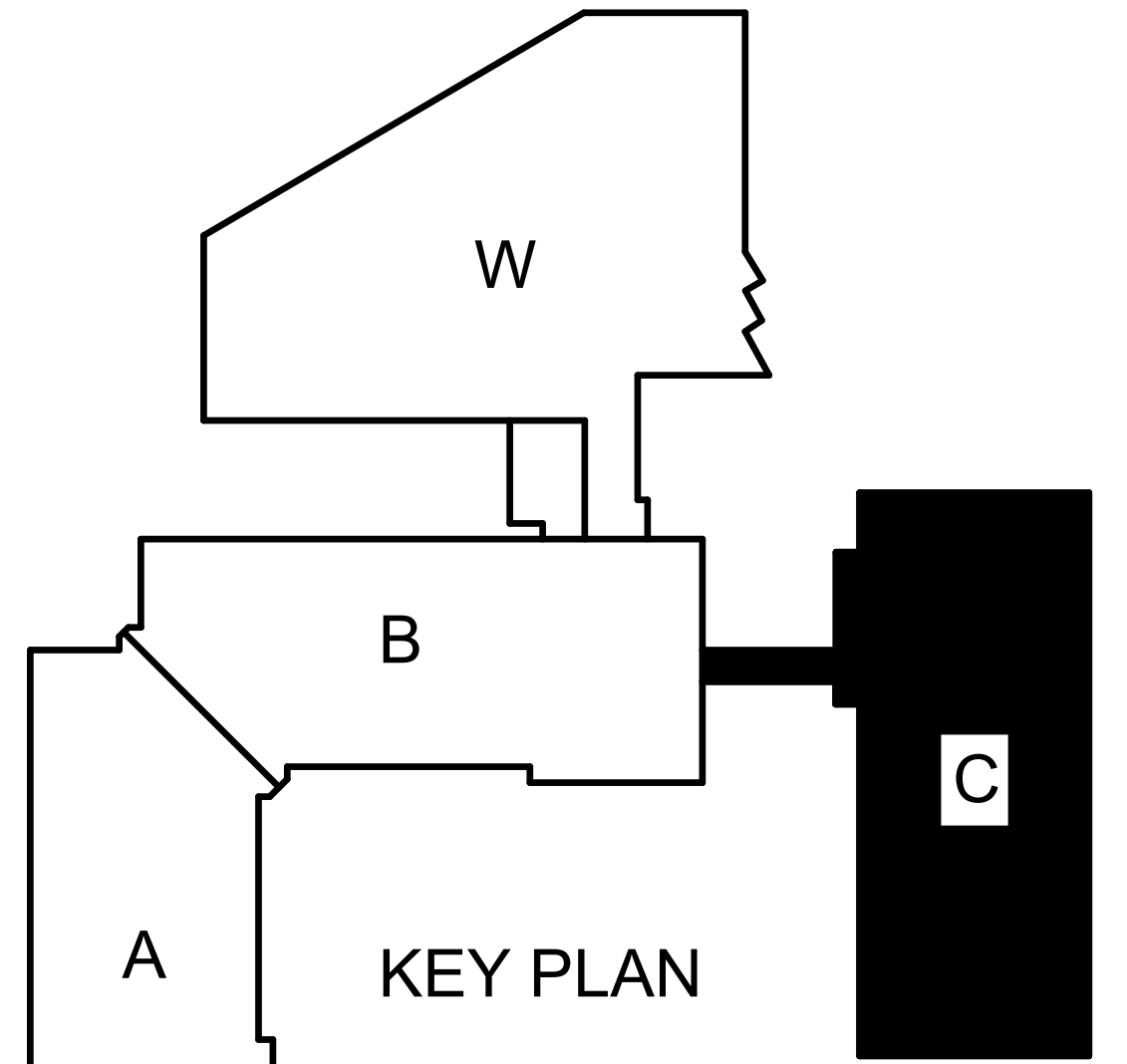
2 ENLARGED PLAN - MECHANICAL DEMOLITION
 H103 SCALE: 1/4" = 1'-0"
 0 4' 8'



3 ENLARGED PLAN - MECHANICAL NEW WORK
 H103 SCALE: 1/4" = 1'-0"
 0 4' 8'

KEY NOTES TO H103

- 1 RE-INSTALL NEW AIR DEVICE IN SAME LOCATION AS EXISTING.
- 2 REMOVE AIR DEVICE. DUCTWORK TO REMAIN FOR RE-CONNECTION IN NEW WORK.
- 3 RE-BALANCE EXISTING VAV TO 650 CFM.
- 4 BALANCE SUPPLY GRILL TO 325 CFM.



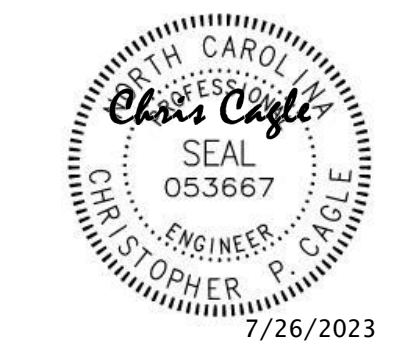
KEY PLAN

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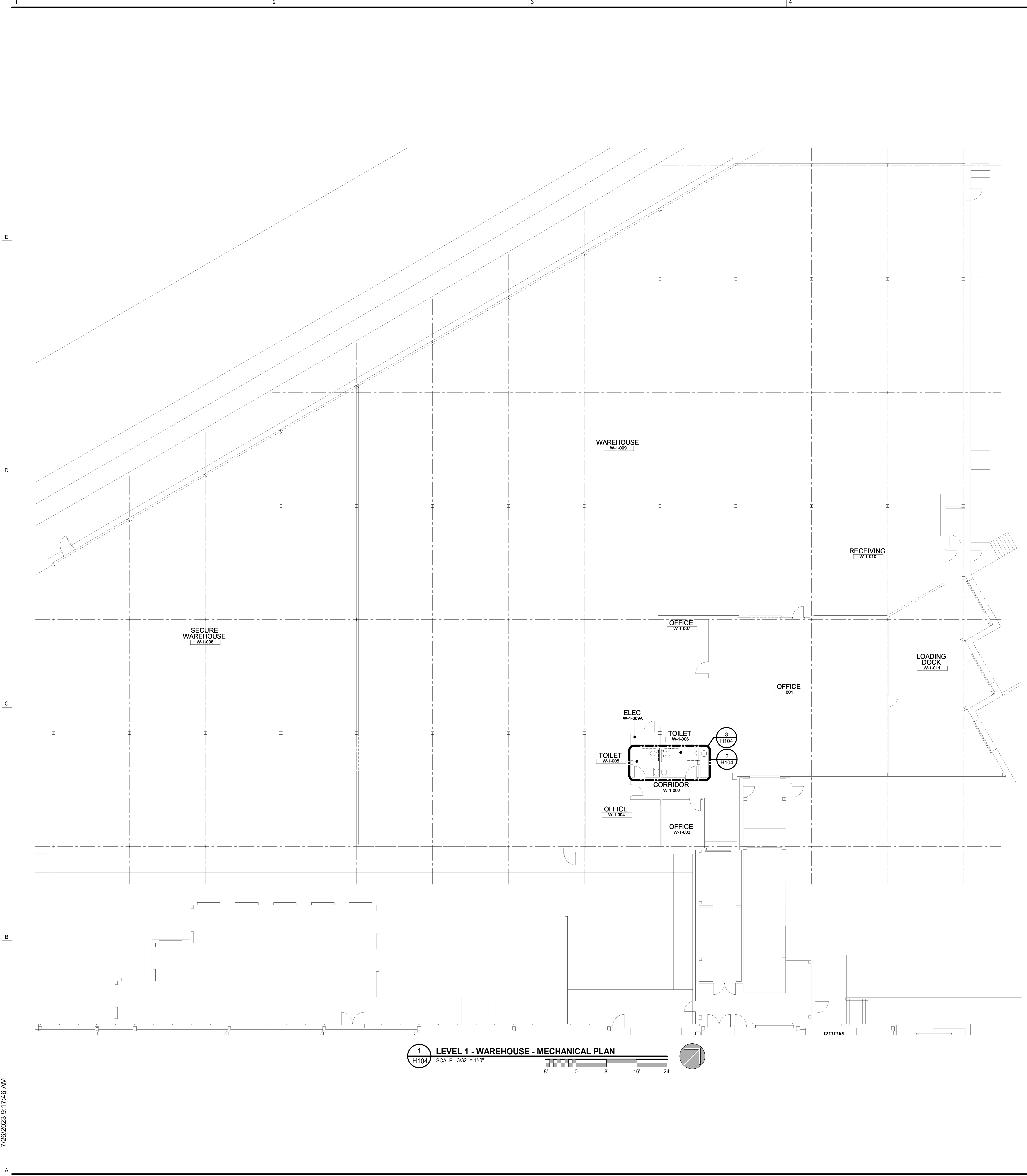
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FIRST FLOOR BUILDING C FLOOR PLANS AND ENLARGED PLANS

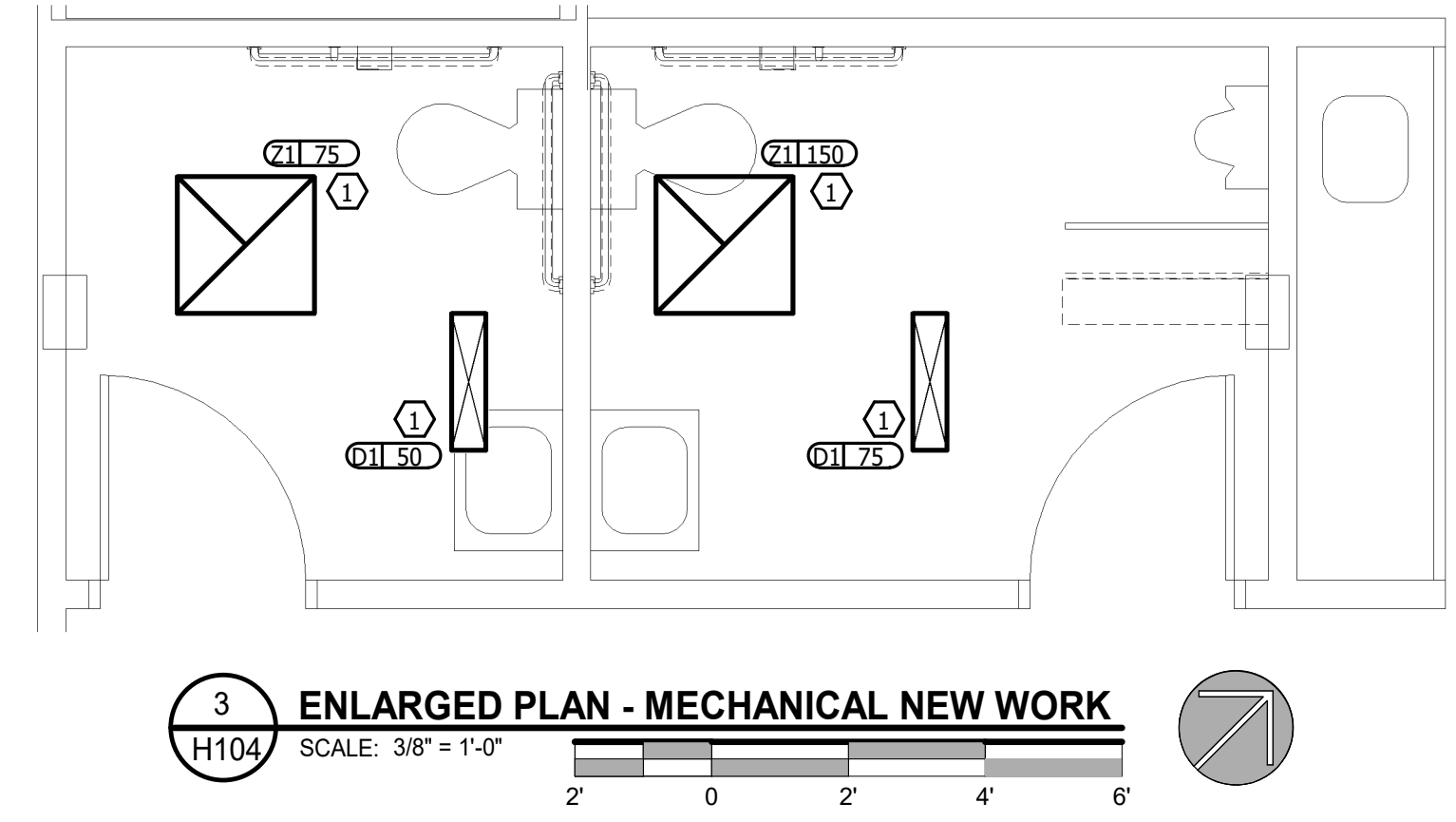
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 DRAWING NUMBER

H103

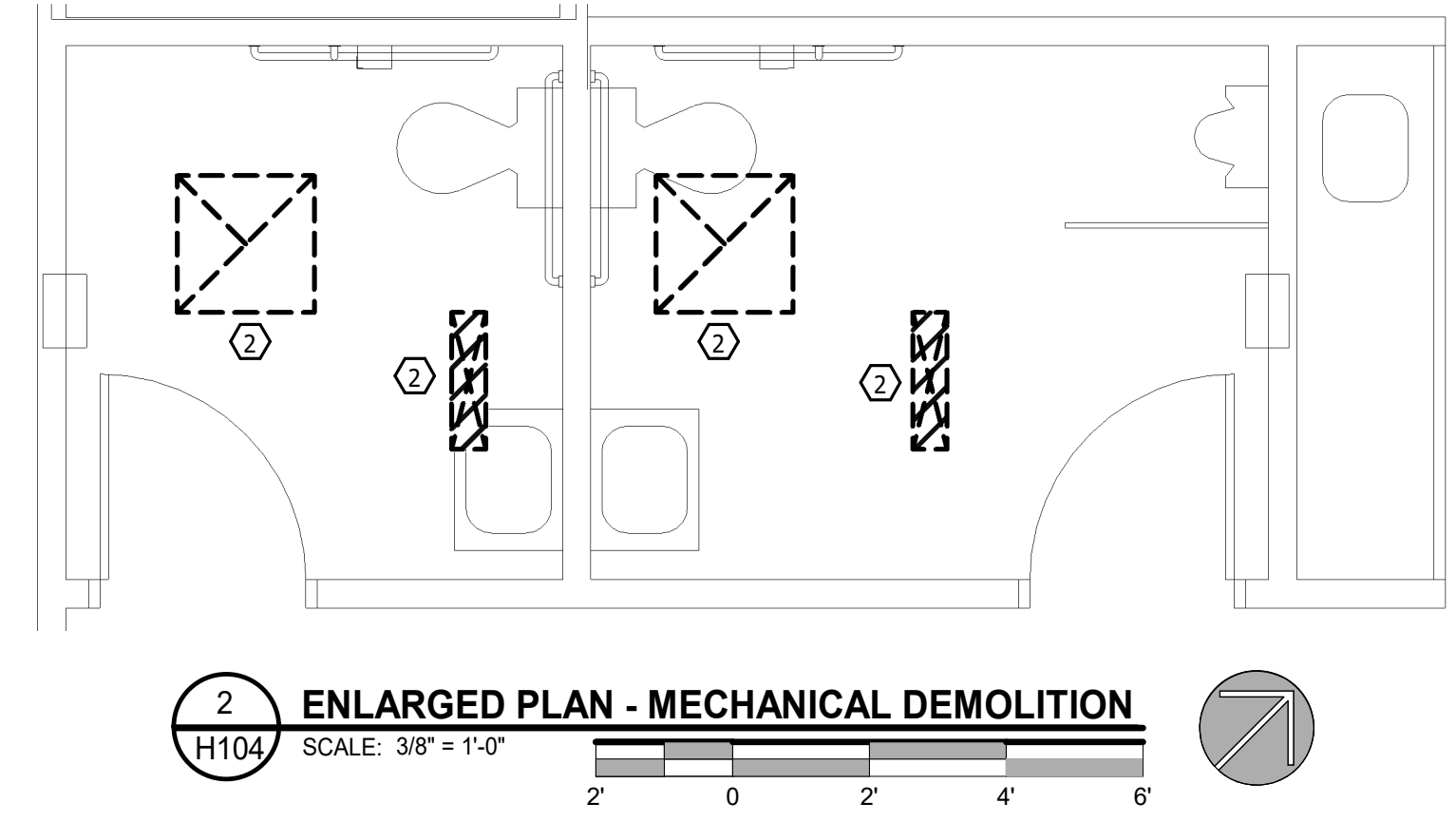
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1 LEVEL 1 - WAREHOUSE - MECHANICAL PLAN
 H104 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



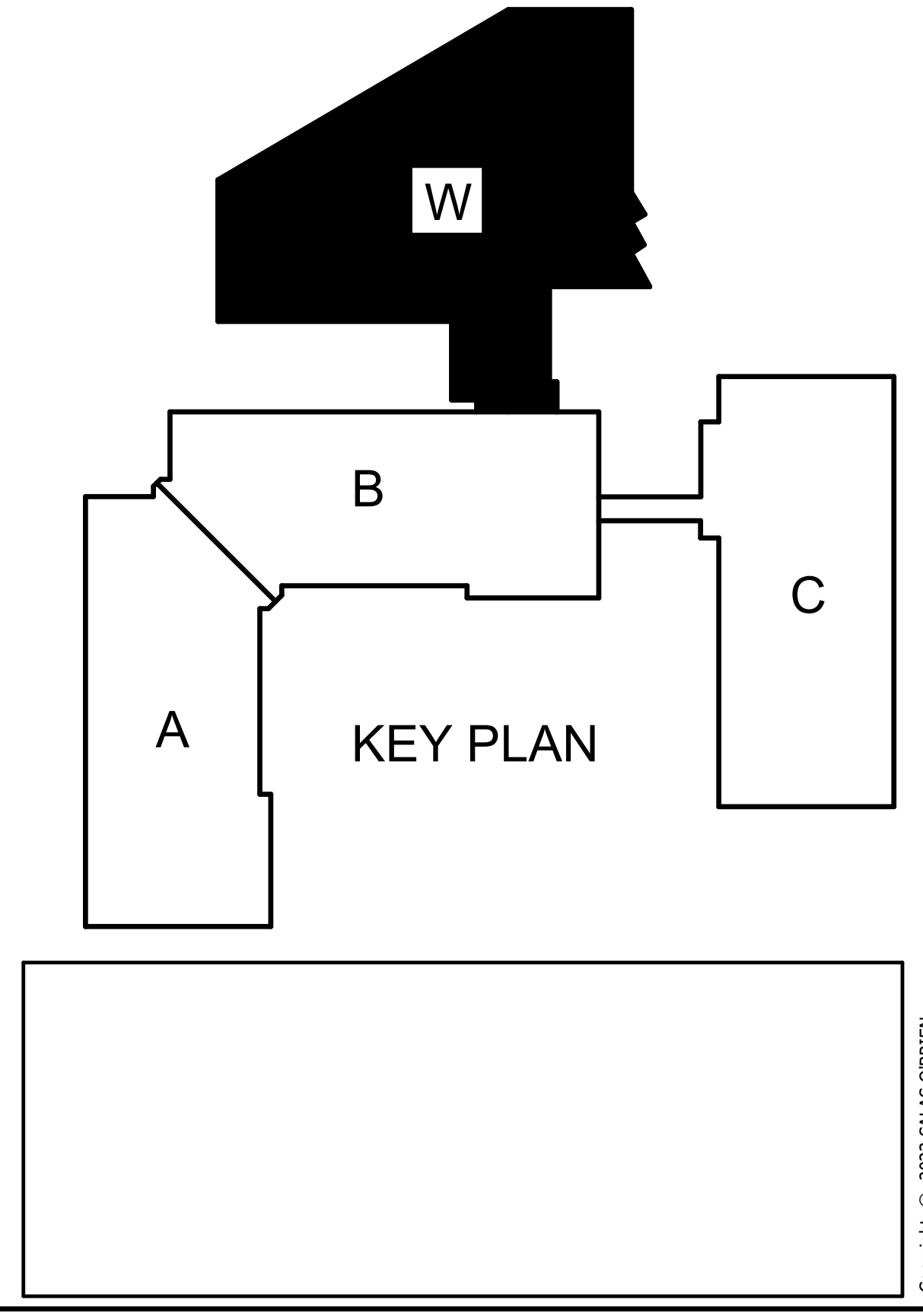
3 ENLARGED PLAN - MECHANICAL NEW WORK
 H104 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'



2 ENLARGED PLAN - MECHANICAL DEMOLITION
 H104 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'

KEY NOTES TO H104

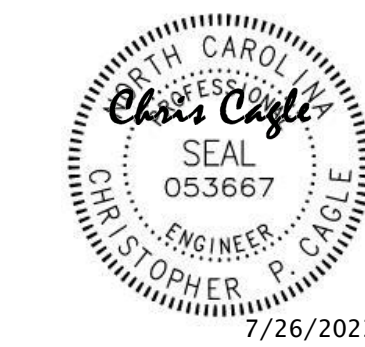
- RE-INSTALL NEW AIR DEVICE IN SAME LOCATION AS EXISTING.
- REMOVE AIR DEVICE. DUCTWORK TO REMAIN FOR RE-CONNECTION IN NEW WORK.



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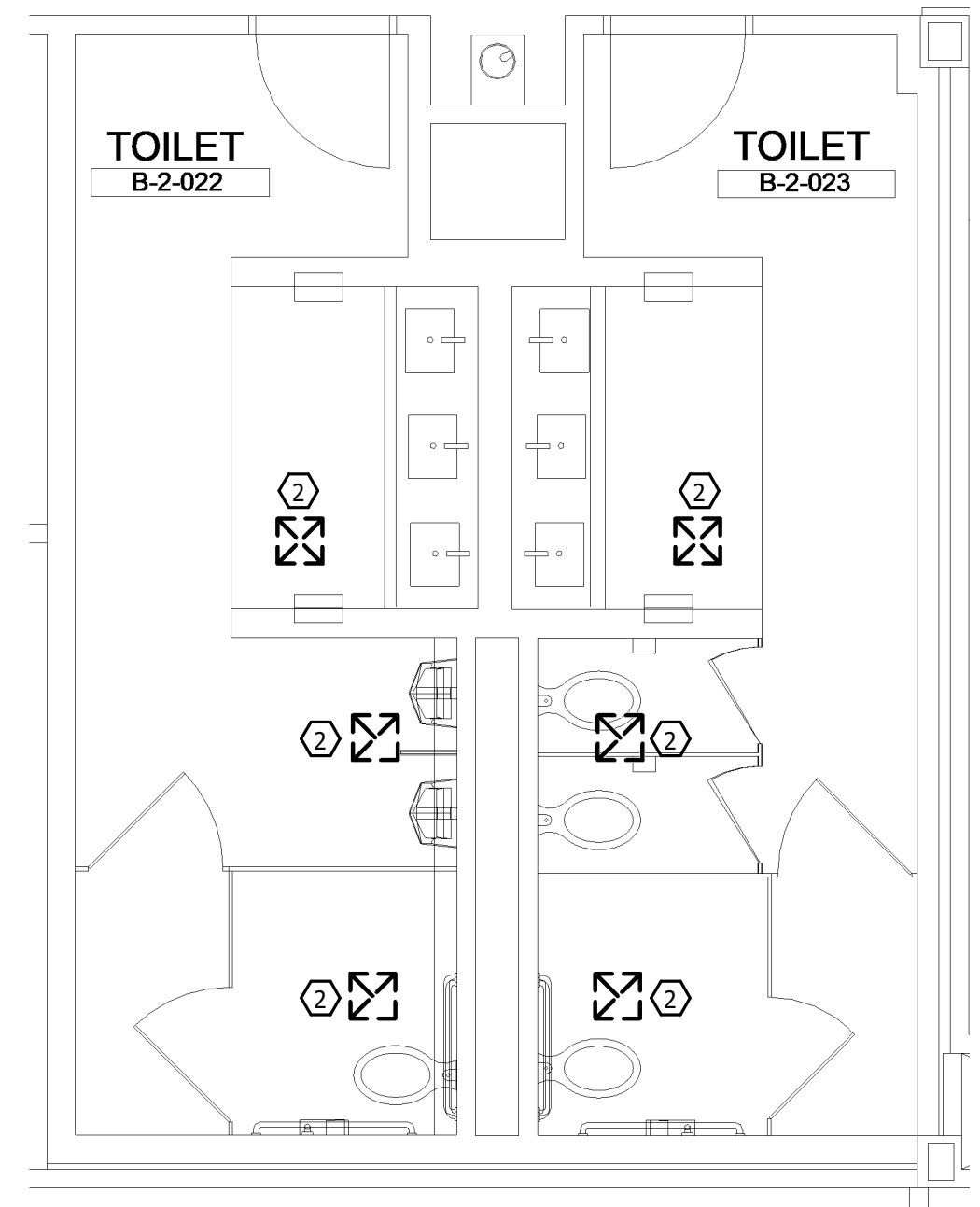
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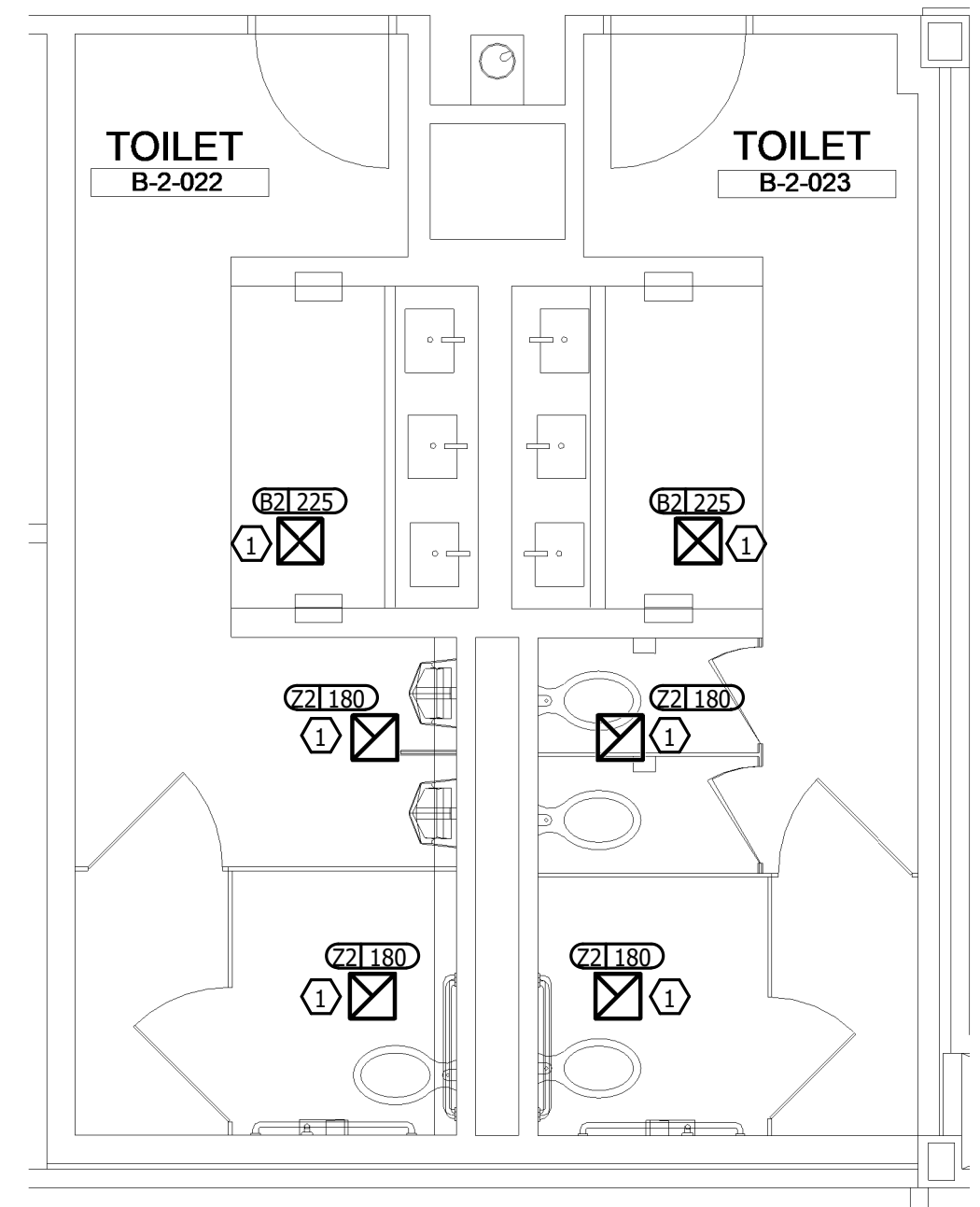
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FIRST FLOOR WAREHOUSE FLOOR PLANS AND ENLARGED PLANS

JOB CODE: 2023-02594
 DRAWING NUMBER

H104



2 ENLARGED PLAN - MECHANICAL DEMOLITION
 H201 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'

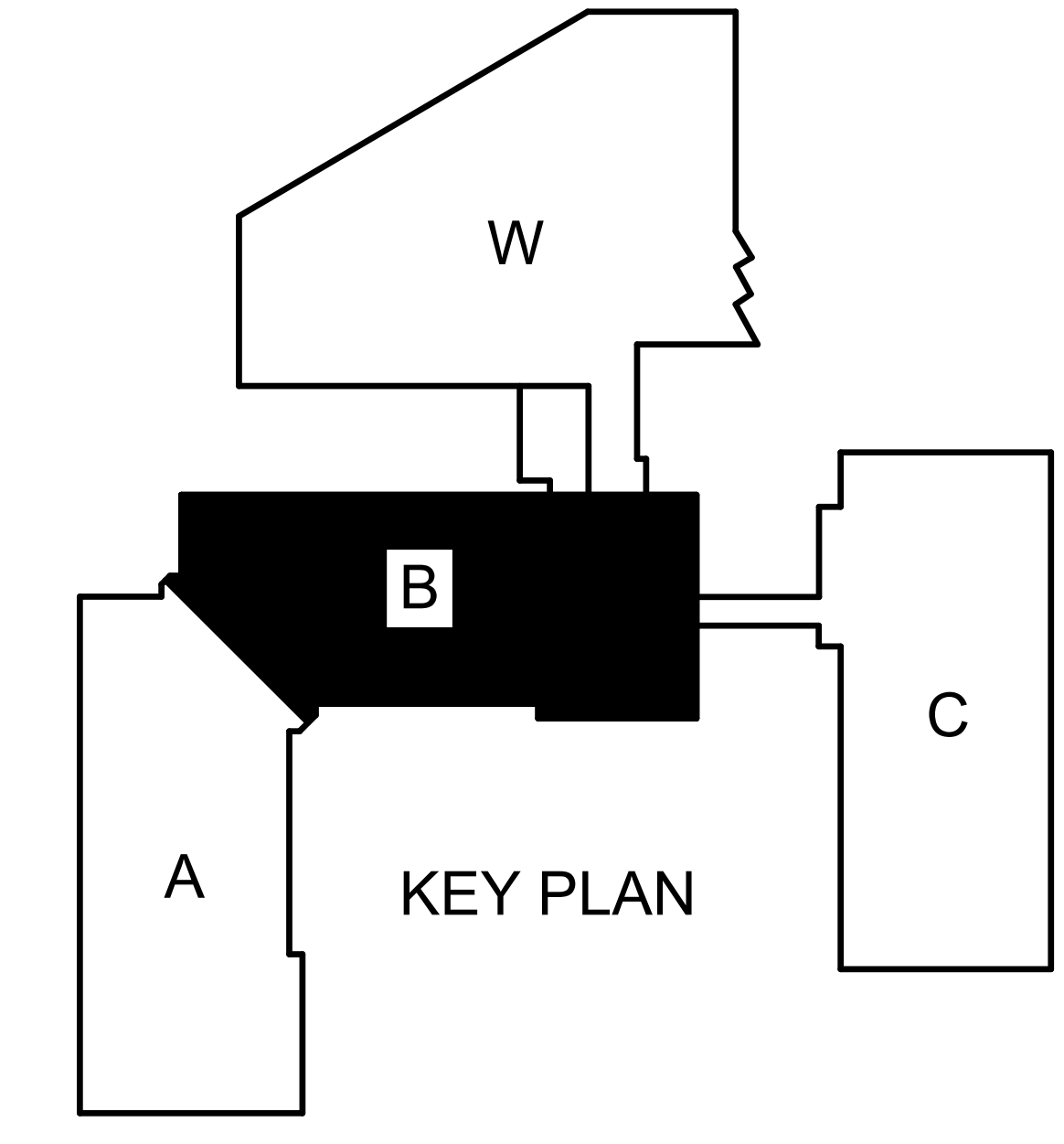


3 ENLARGED PLAN - MECHANICAL NEW WORK
 H201 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'

- KEY NOTES TO H201**
- RE-INSTALL NEW AIR DEVICE IN SAME LOCATION AS EXISTING.
 - REMOVE AIR DEVICE. DUCTWORK TO REMAIN FOR RE-CONNECTION IN NEW WORK.



1 LEVEL 2 - AREA B - MECHANICAL PLAN
 H201 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



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SECOND FLOOR
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FLOOR PLANS
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 DRAWING NUMBER

H201

GENERAL NOTES TO H203

KEY NOTES TO H203

1 PERFORM PRE-TAB OF EXISTING RESTROOM EXHAUST FANS TO VERIFY CURRENT CONNECTED AIRFLOWS ARE BEING MET.

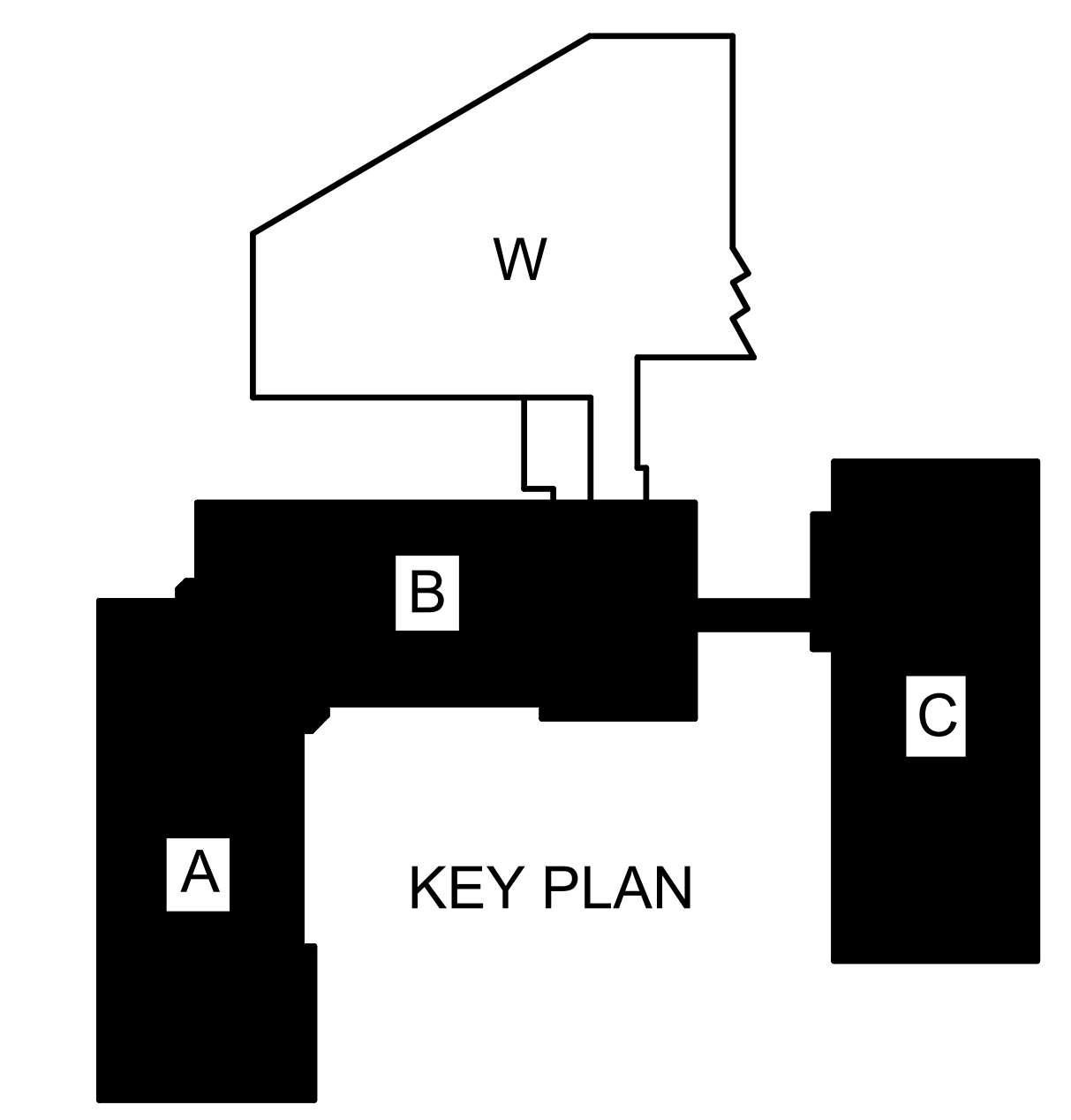
1 RE-BALANCE EXHAUST FAN TO INDICATED CFM.

2 EF-8 IS AN INLINE FAN LOCATED ABOVE CEILING ON THE FIRST FLOOR, SHOWN HERE FOR REFERENCE PURPOSES ONLY.

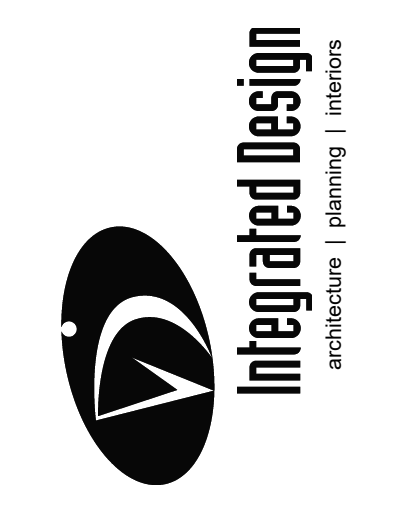
| FAN | EXISTING AIRFLOW |
|------|------------------|
| EF-1 | 2500 CFM |
| EF-6 | 1680 CFM |
| EF-8 | 300 CFM |



1 ROOF PLAN - MECHANICAL PLAN
 H203 SCALE: 1/16" = 1'-0"



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ROOF PLAN

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H203

ELECTRICAL ABBREVIATIONS

Table of electrical abbreviations including A (Amperes), AC (Alternating Current), AF (Amp Frame), AFC (Above Finished Ceiling), etc.

ELECTRICAL ABBREVIATIONS

Table of electrical abbreviations including FUN (Per Unit Nameplate), PVC (Polyvinyl Chloride), RD (Round), REV (Revision), etc.

ELECTRICAL SYMBOLS

Table of electrical symbols including symbols for lighting fixtures, switches, receptacles, and various electrical components.

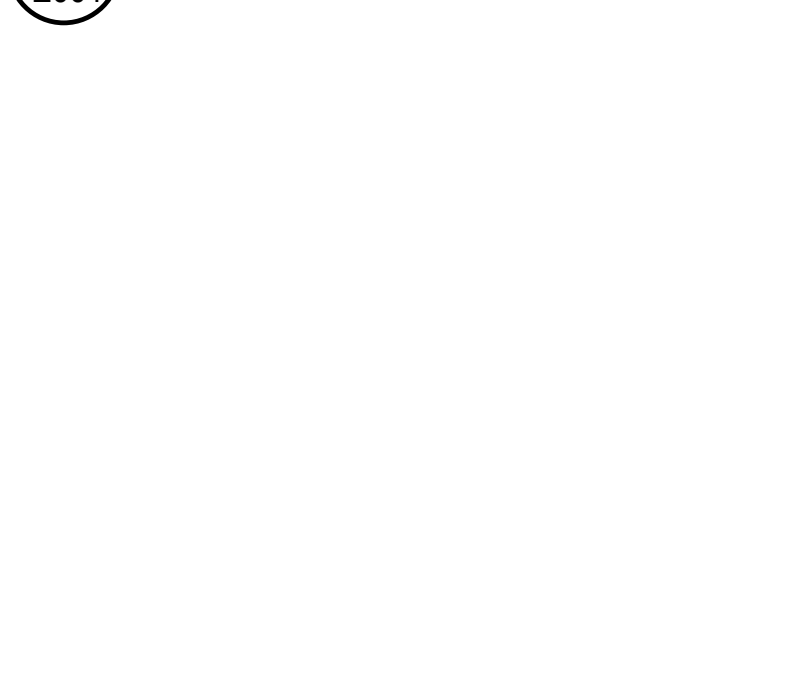
ELECTRICAL GENERAL NOTES

- 1 ALL SYMBOLS AND ABBREVIATIONS MAY NOT BE UTILIZED FOR THIS PROJECT.
2 SYMBOLS NOT SHOWN ON THIS ELECTRICAL SYMBOL LEGEND ARE IDENTIFIED ON THE DRAWINGS WHERE THEY OCCUR.
3 UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS OR ON THE DRAWINGS, MOUNTING HEIGHT OF DEVICES IS TO BE THE CENTERLINE OF THE DEVICE.

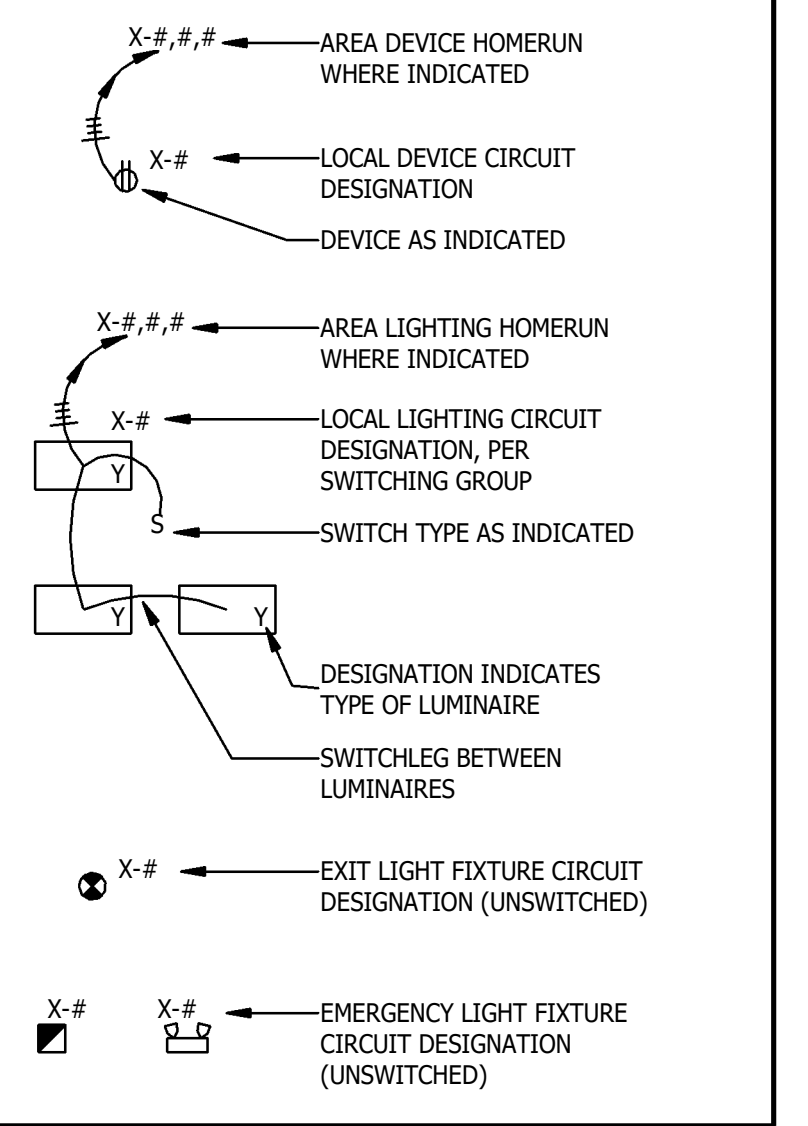
GENERAL NOTES

- 1. VERIFY EXISTING FIRE ALARM SYSTEM MANUFACTURER. DEVICES INSTALLED SHALL BE COMPATIBLE WITH EXISTING SYSTEM.
2. ALL FIRE ALARM SYSTEM MODIFICATIONS TO BE PERFORMED BY A FACTORY TRAINED AND APPROVED VENDOR AND TECHNICIANS.
3. VERIFY PROPER OPERATION OF FIRE ALARM SYSTEM AND COMPONENTS PRIOR TO STARTING WORK AND NOTIFY ENGINEER OF ANY IDENTIFIED PROBLEMS.

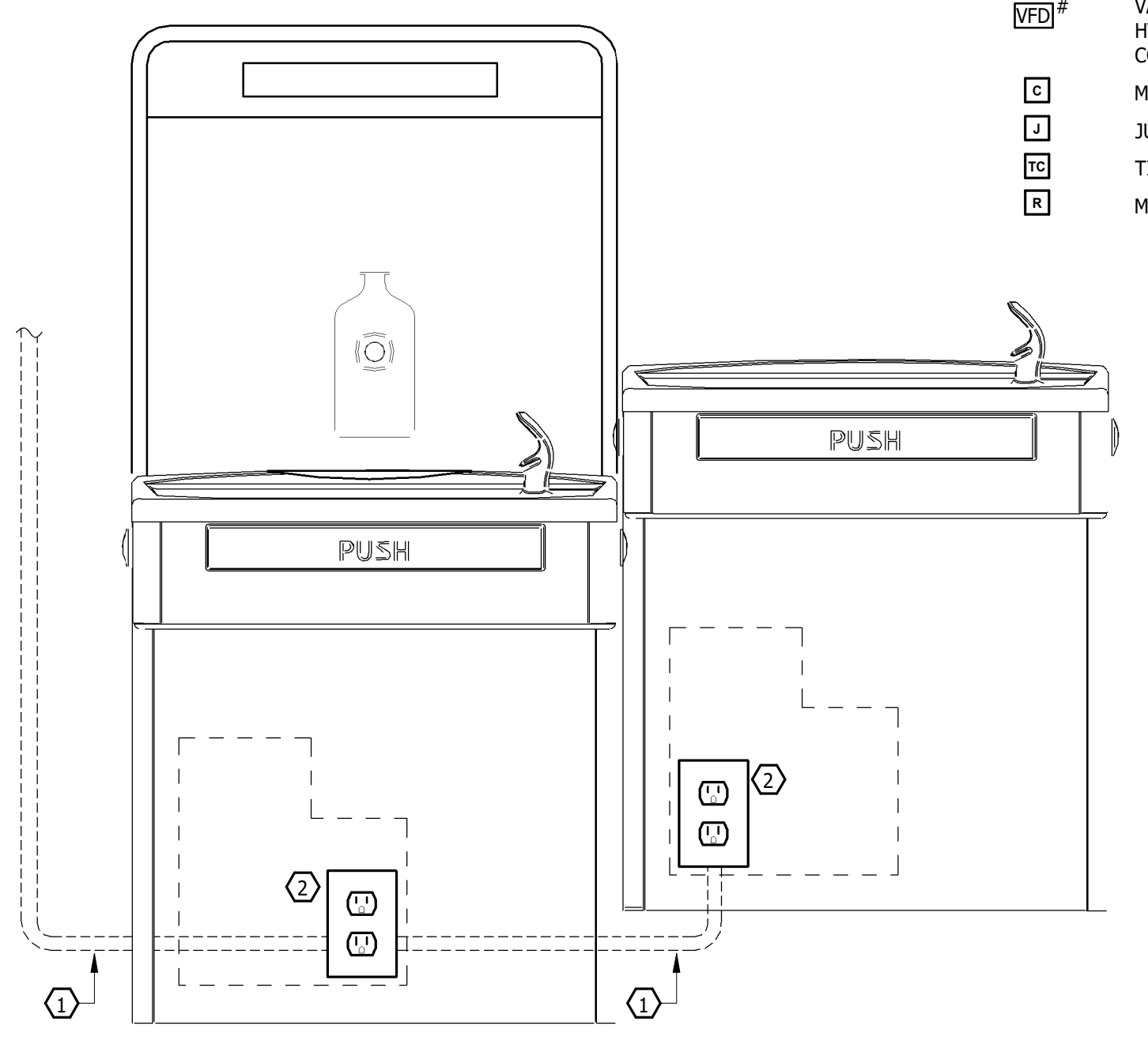
FIRE ALARM RISER DIAGRAM



ELECTRICAL CIRCUITING KEY



Lighting Fixture Schedule table with columns: TYPE MARK, DESCRIPTION, MOUNTING, LUMENS, VOLTAGE, WATTAGE, CONTROL, FIXTURE MEETING SPECIFICATION, COMMENTS, IMAGE.



- 1 GFI BREAKER PROTECTED CONDUCTORS WITHIN CONDUIT CONCEALED WITHIN WALL.
2 DUPLEX RECEPTACLE(S) WITH LABEL IDENTIFYING OUTLET AS GFI PROTECTED. LOCATE RECEPTACLE WITHIN EACH COOLER HOUSING. COORDINATE EXACT MOUNTING LOCATION OF EACH RECEPTACLE WITH EWC MANUFACTURER AND PLUMBING CONTRACTOR.

ELECTRIC WATER COOLER GFCI DETAIL

ELECTRICAL DRAWING LIST

Table listing drawing titles and sheet numbers, including E001 (Standards, Symbols & Abbreviations), E101 (First Floor Building A Floor Plans), etc.

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REVISIONS table with columns: NO., DATE, DESCRIPTION.

Standards, Symbols & Abbreviations section containing a large 'E001' title and drawing number.

STANDARDS, SYMBOLS & ABBREVIATIONS

JOB CODE: 2023-02594

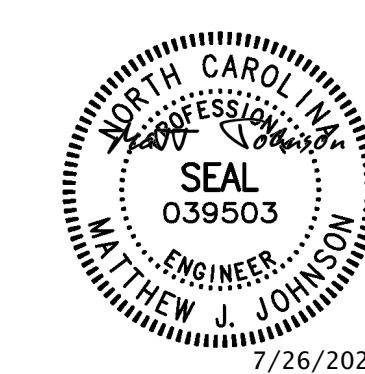
DRAWING NUMBER

E001

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Vertical text on the right margin: FACILITY IMPROVEMENTS FOR: NORTH CAROLINA JUDICIAL CENTER TOILET IMPROVEMENTS 901 CORPORATE CENTER DRIVE RALEIGH, NC

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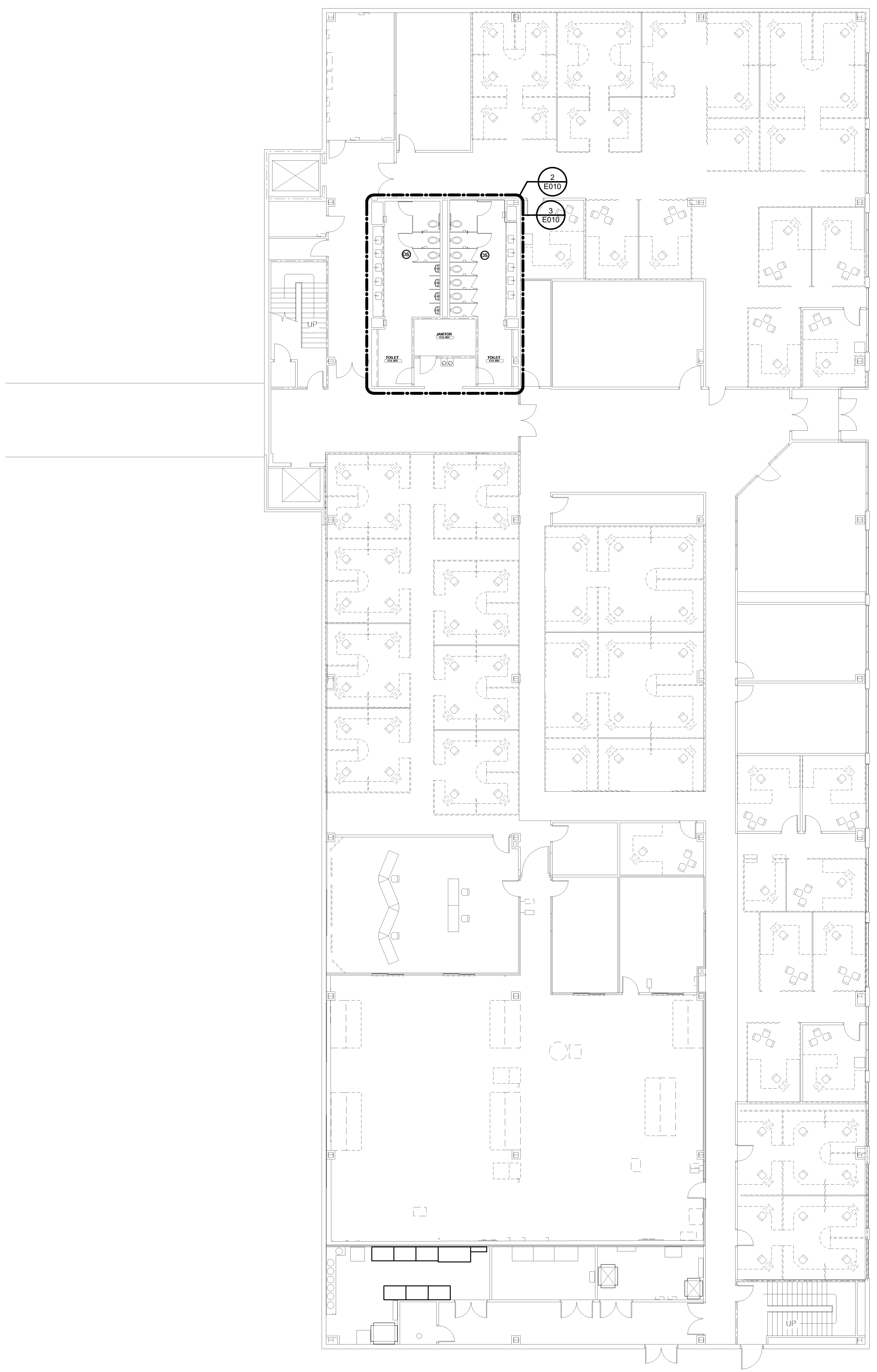
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STANDARDS, SYMBOLS & ABBREVIATIONS

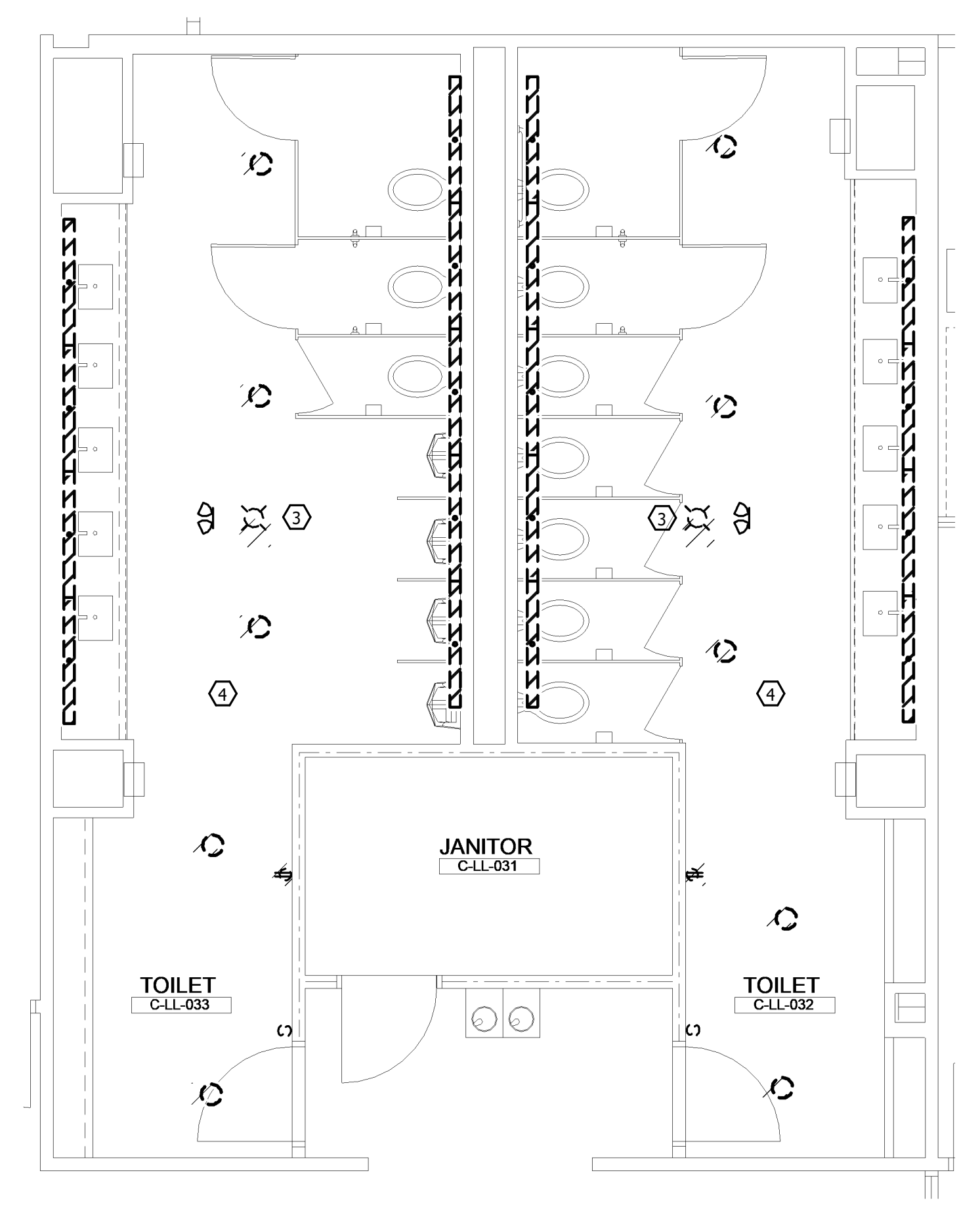
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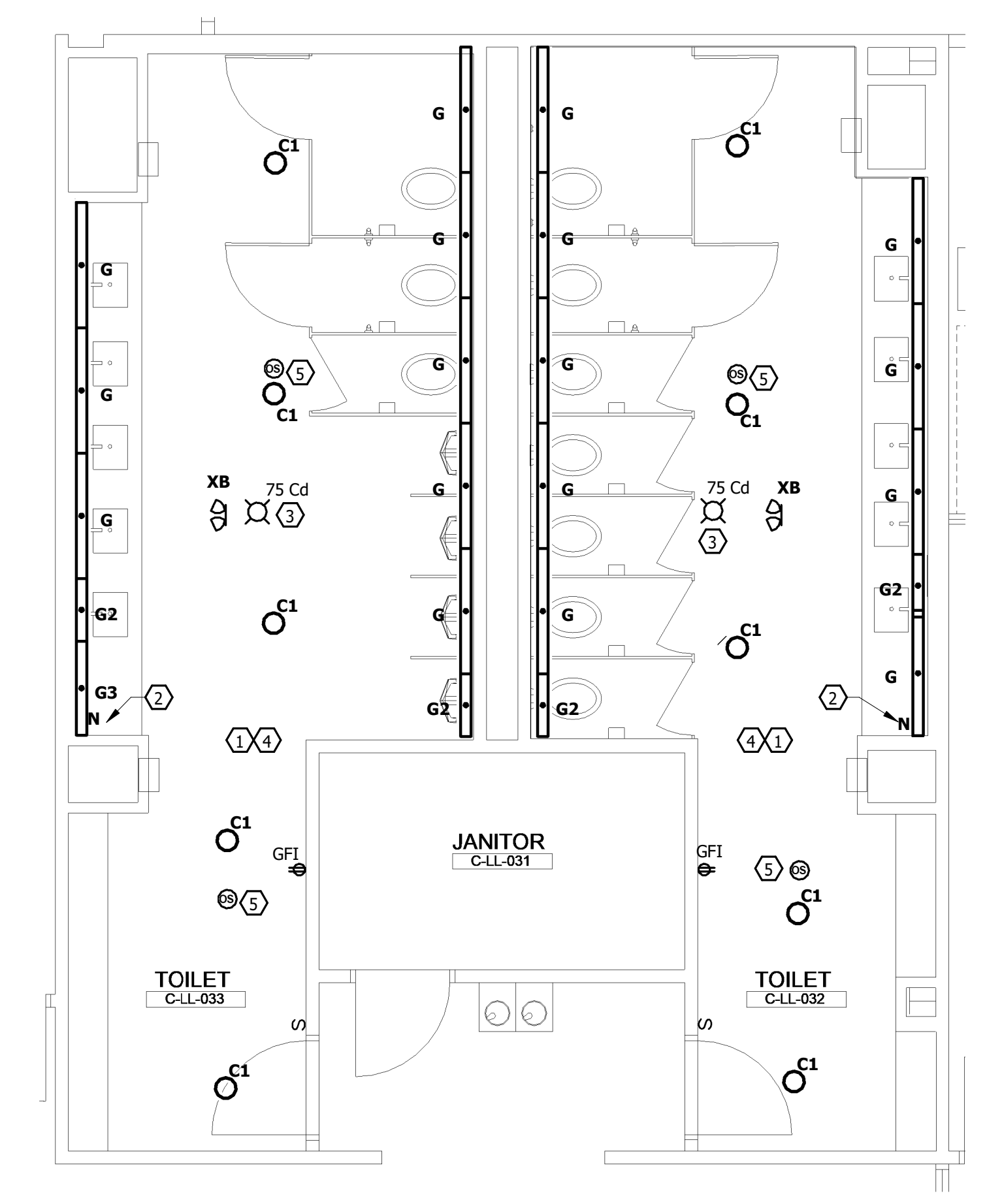
E001



1 LOWER LEVEL - AREA C - ELECTRICAL PLAN
 E010 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



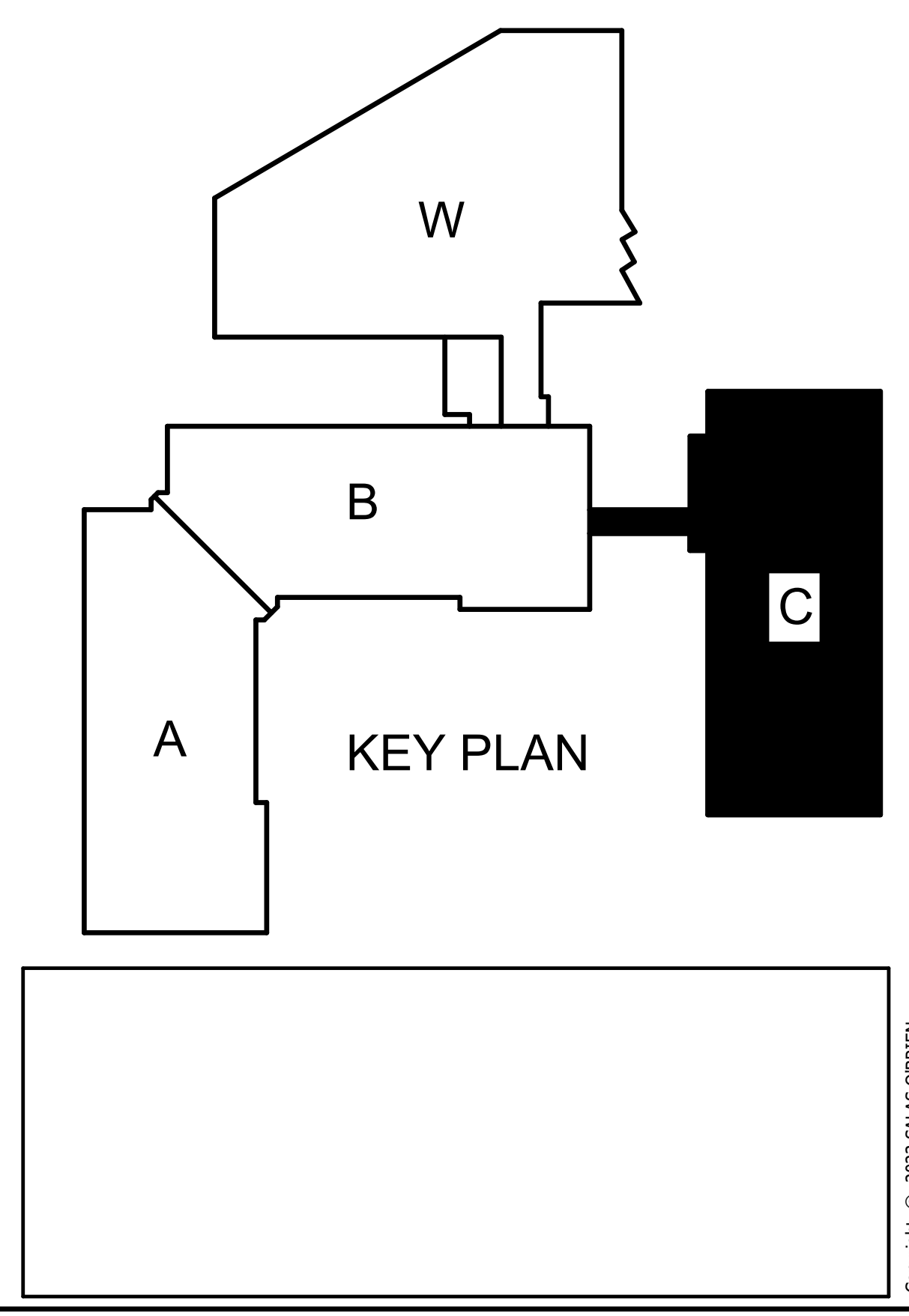
2 ENLARGED PLAN - ELECTRICAL DEMOLITION
 E010 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'



3 ENLARGED PLAN - ELECTRICAL NEW WORK
 E010 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'

KEY NOTES TO E010

- 1 ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- 2 NEW MIRROR LIGHT TO TIE INTO EXISTING BATHROOM LIGHTING CIRCUIT. LIGHT SHALL BE CONTINUOUS BEHIND ALL EDGES OF THE MIRROR. REFERENCE ARCHITECTURAL PLANS FOR EXACT DETAILS AND DIMENSIONS.
- 3 DEMOLISH EXISTING FIRE ALARM STROBE. CONNECT NEW STROBE TO EXISTING FIRE ALARM CIRCUIT.
- 4 EXISTING CEILING IS A GYROBOARD CEILING. COORDINATE WITH GC TO MODIFY CEILING TO ACCOMMODATE NEW FIXTURES.
- 5 NEW CEILING MOUNTED OCCUPANCY SENSOR. SENSOR SHALL CONTROL ALL NON EMERGENCY FIXTURES IN ROOM. COORDINATE ANY CEILING MODIFICATIONS WITH ARCHITECT.

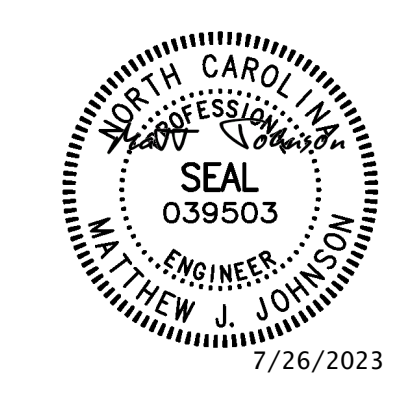


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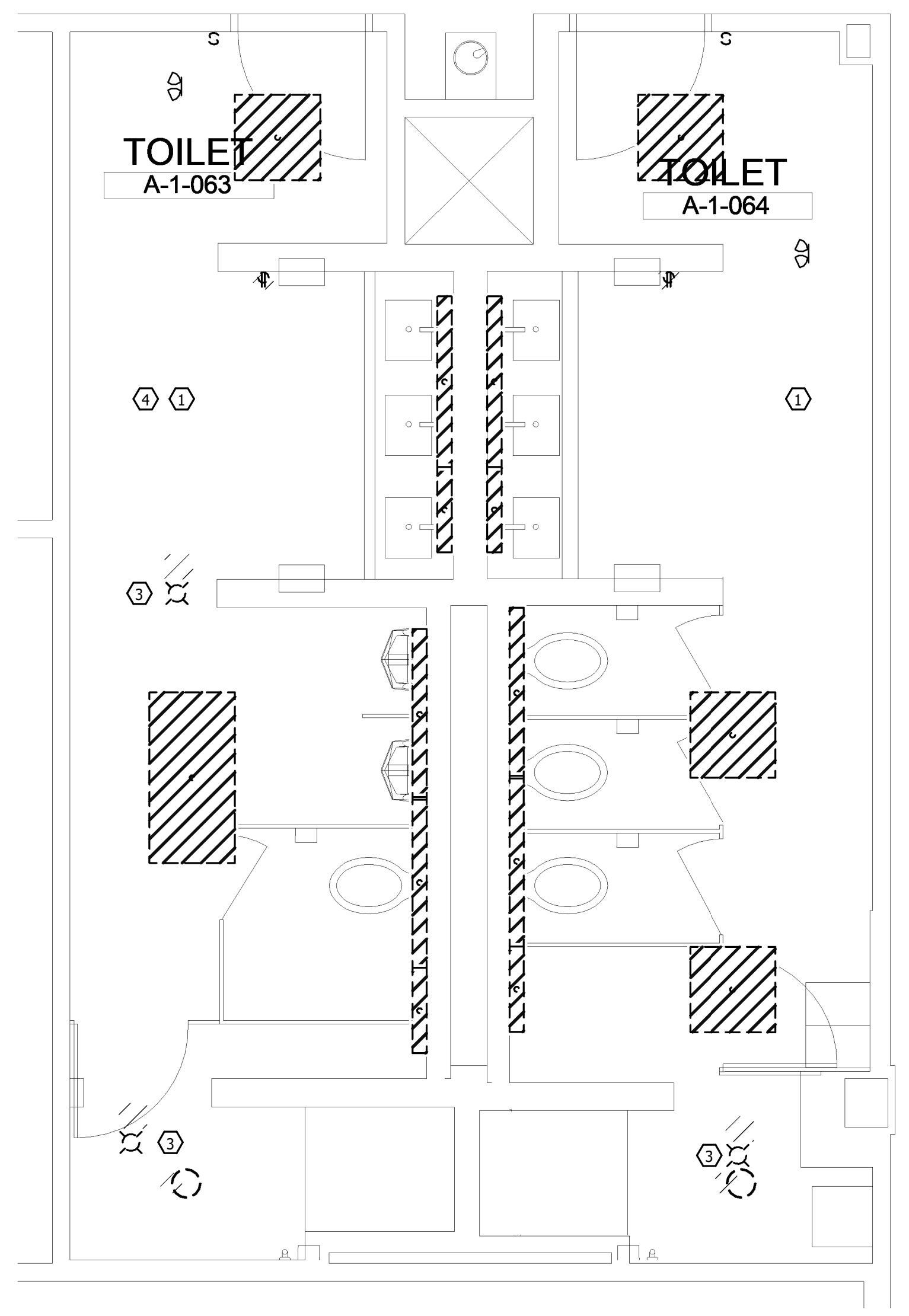
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**LOWER LEVEL
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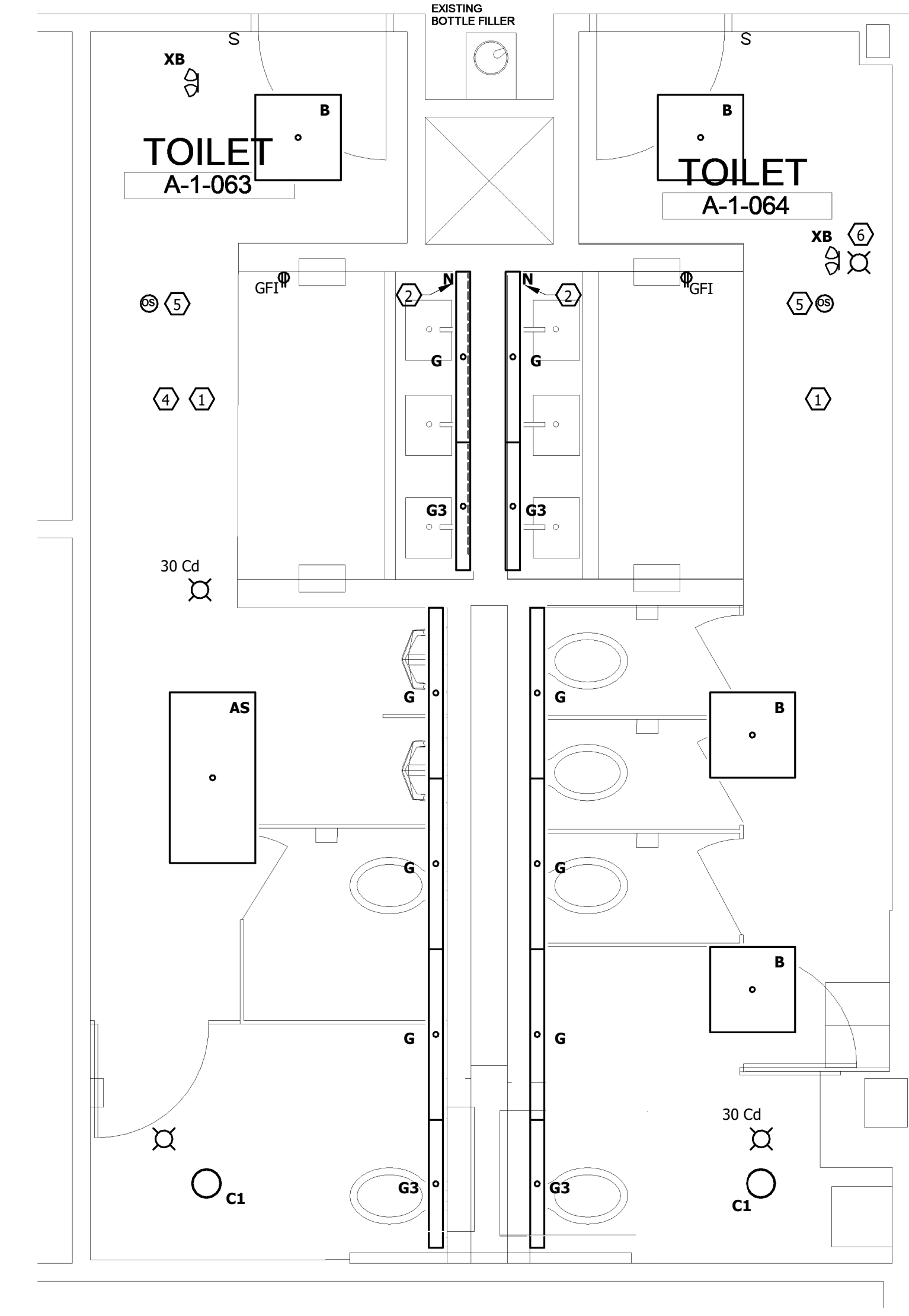
E010



1 LEVEL 1 - AREA A - ELECTRICAL PLAN
 E100 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



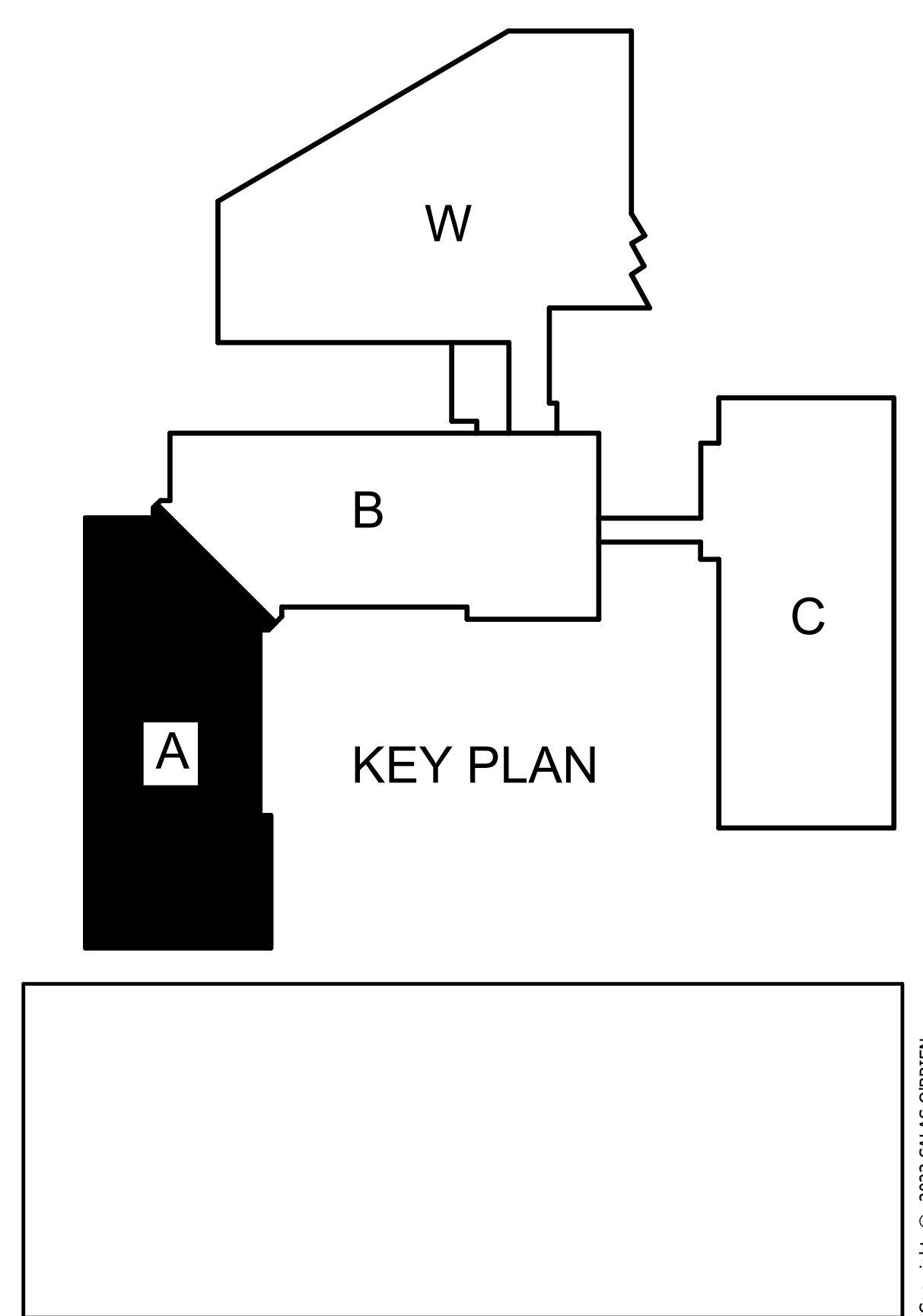
2 ENLARGED PLAN - ELECTRICAL DEMOLITION
 E100 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'



3 ENLARGED PLAN - ELECTRICAL NEW WORK
 E100 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'

KEY NOTES TO E100

- ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- NEW MIRROR LIGHT TO TIE INTO EXISTING BATHROOM LIGHTING CIRCUIT. LIGHT SHALL BE CONTINUOUS BEHIND ALL EDGES OF THE MIRROR. REFERENCE ARCHITECTURAL PLANS FOR EXACT DETAILS AND DIMENSIONS.
- DEMOLISH EXISTING FIRE ALARM STROBE. CONNECT NEW STROBE TO EXISTING FIRE ALARM CIRCUIT.
- EXISTING CEILING IS A GYPSBOARD CEILING. COORDINATE WITH GC TO MODIFY CEILING TO ACCOMMODATE NEW FIXTURES.
- NEW CEILING MOUNTED OCCUPANCY SENSOR. SENSOR SHALL CONTROL ALL NON EMERGENCY FIXTURES IN ROOM. COORDINATE ANY CEILING MODIFICATIONS WITH ARCHITECT.
- NEW FIRE ALARM STROBE. PROVIDE NEW CONDUCTORS TO PREVIOUS AND NEXT DEVICE. DO NOT SPLICE FIRE ALARM CONDUCTORS. COORDINATE ANY CEILING MODIFICATIONS WITH ARCHITECT.



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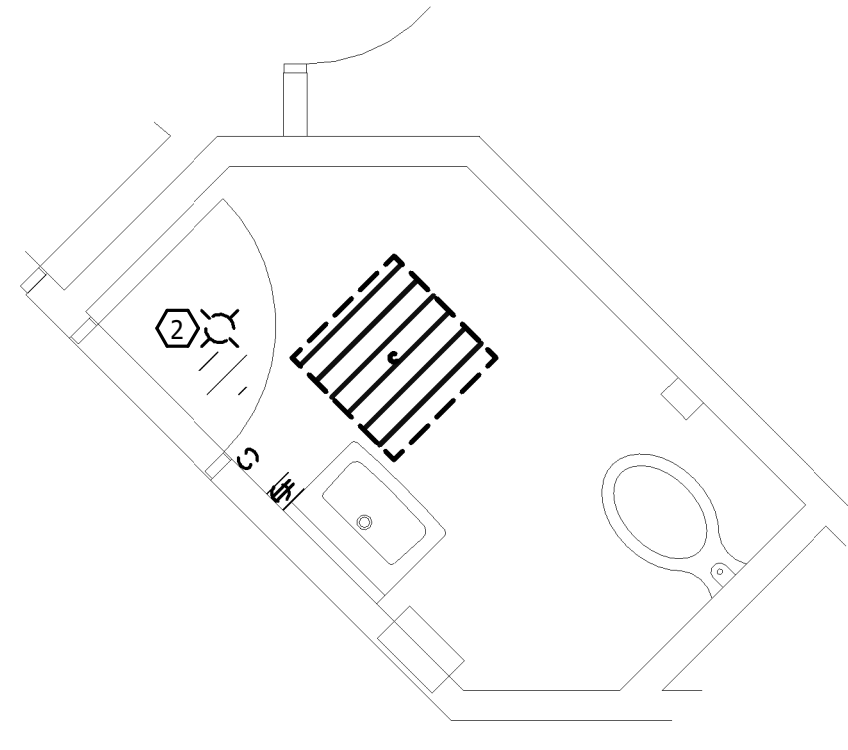
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FIRST FLOOR BUILDING A FLOOR PLANS AND ENLARGED PLANS
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E100

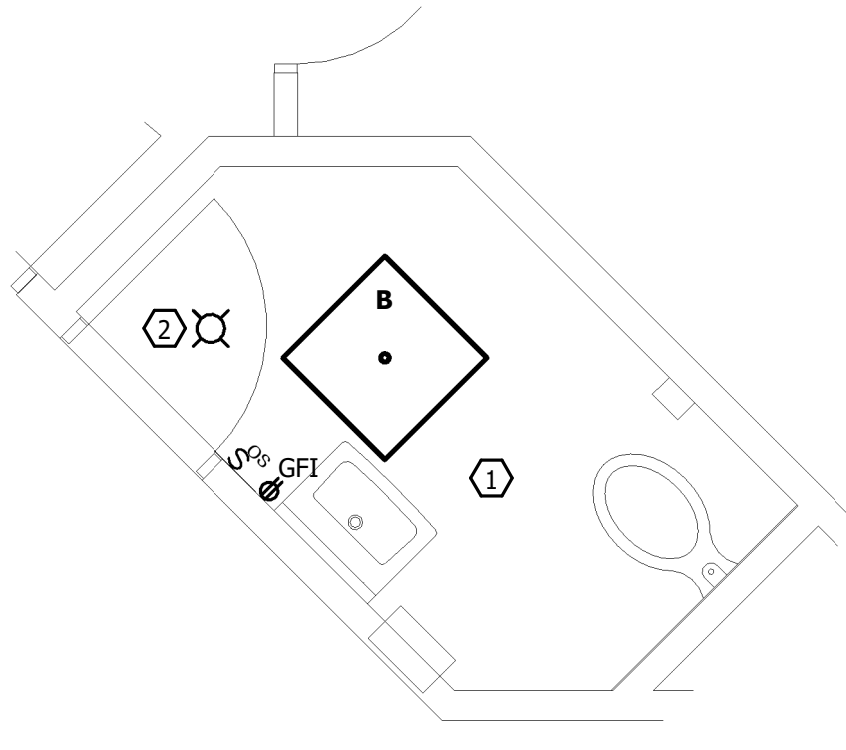
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KEY NOTES TO E101

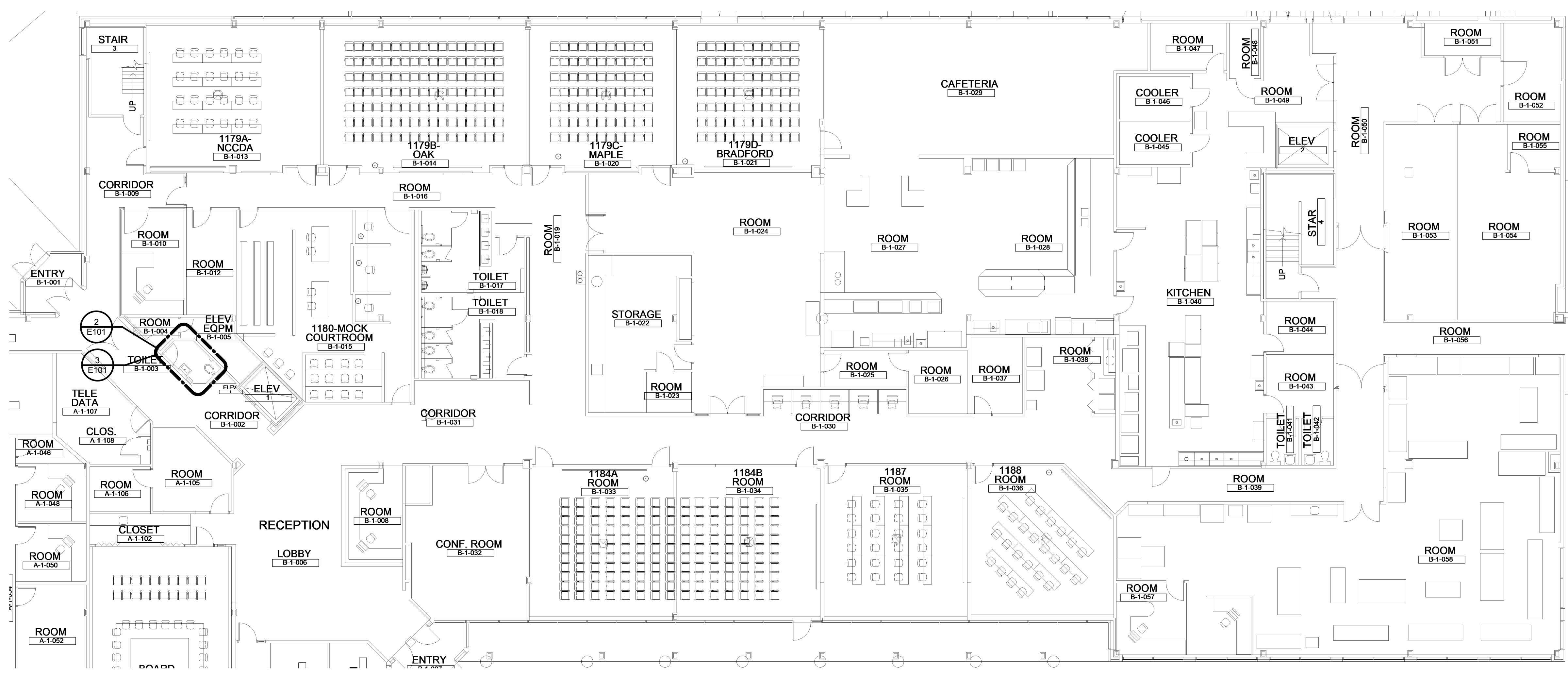
- 1 ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- 2 DEMOLISH EXISTING FIRE ALARM STROBE. CONNECT NEW STROBE TO EXISTING FIRE ALARM CIRCUIT.



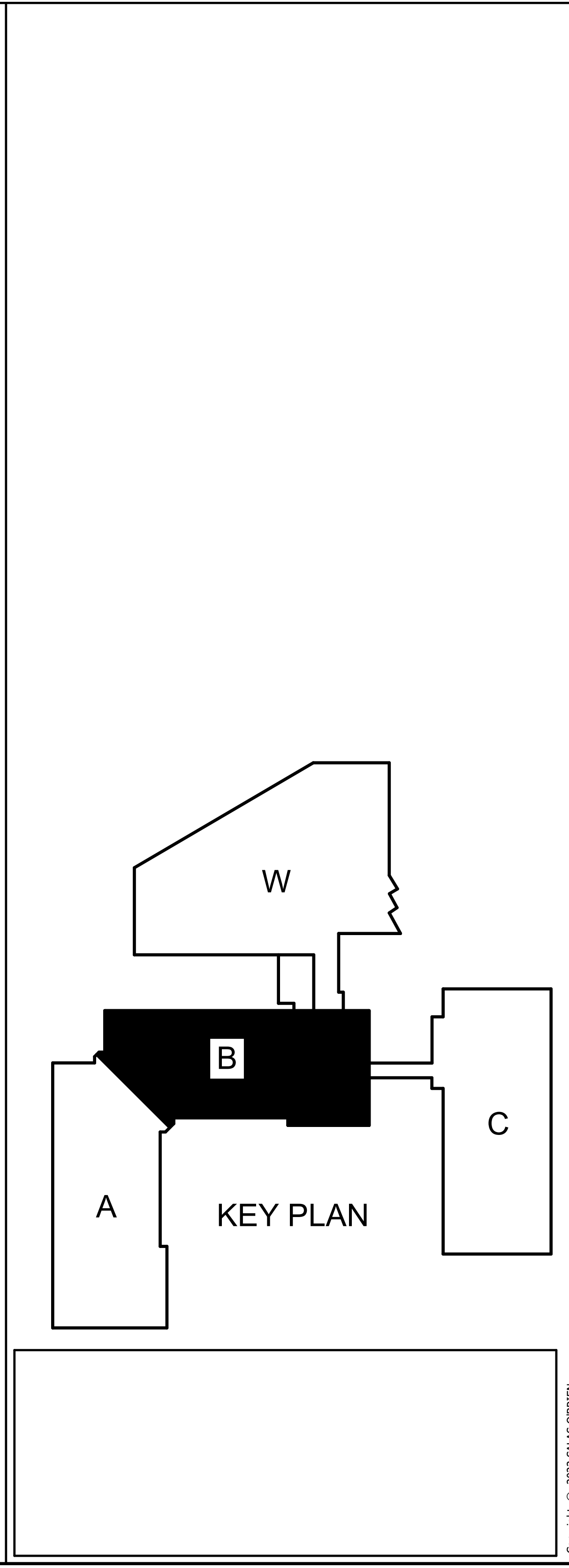
2 ENLARGED PLAN - ELECTRICAL DEMOLITION
SCALE: 3/8" = 1'-0"



3 ENLARGED PLAN - ELECTRICAL NEW WORK
SCALE: 3/8" = 1'-0"



1 LEVEL 1 - AREA B - ELECTRICAL PLAN
SCALE: 3/32" = 1'-0"



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901 CORPORATE CENTER DRIVE
RALEIGH, NC

DWG BY: BME
CHK BY: MJJ

DATE: 07.28.2023

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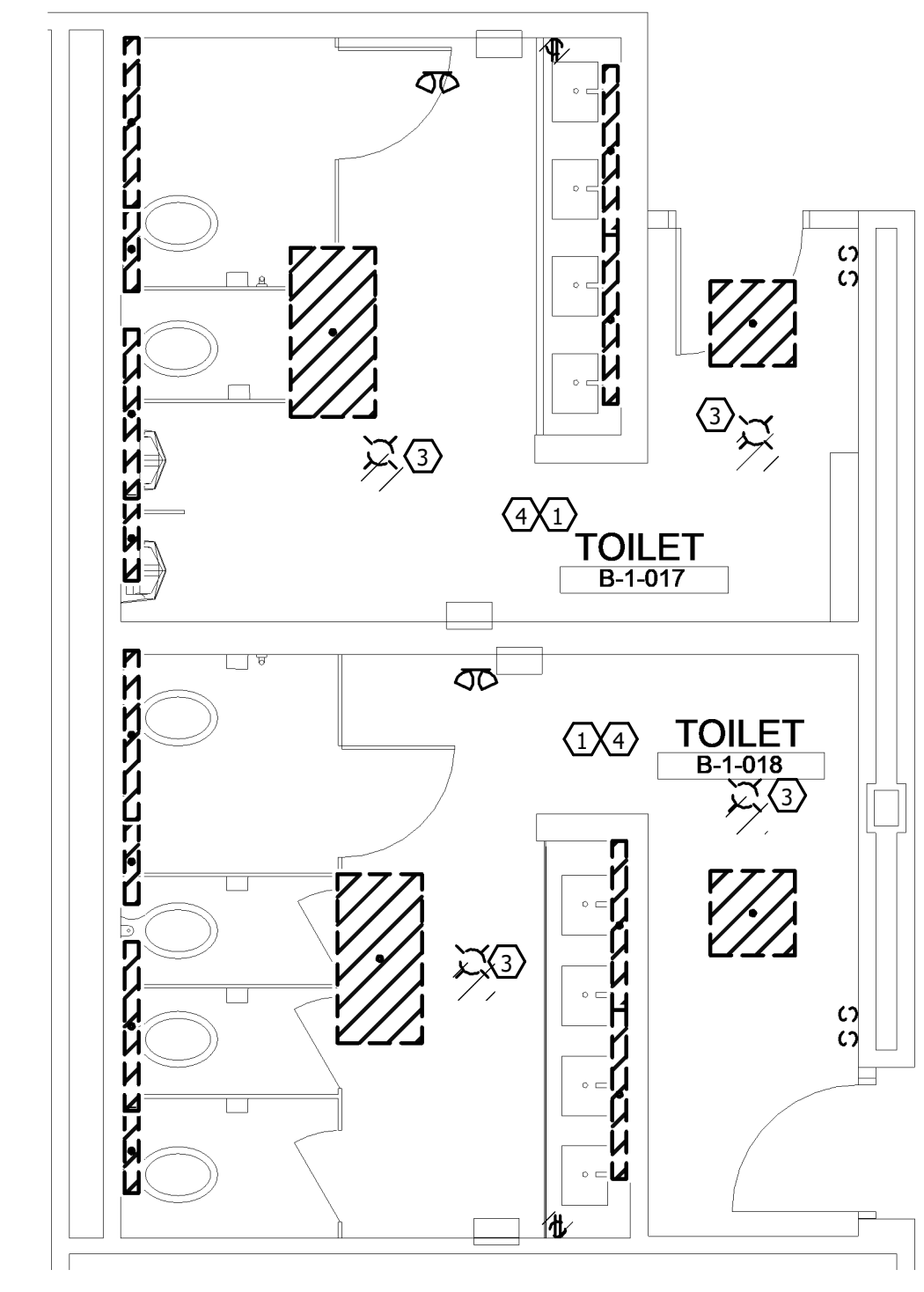
Drawing scaled for 42x30 plots.
FIRST FLOOR
BUILDING B
FLOOR PLANS
AND ENLARGED
PLANS

JOB CODE: 2023-02594
DRAWING NUMBER

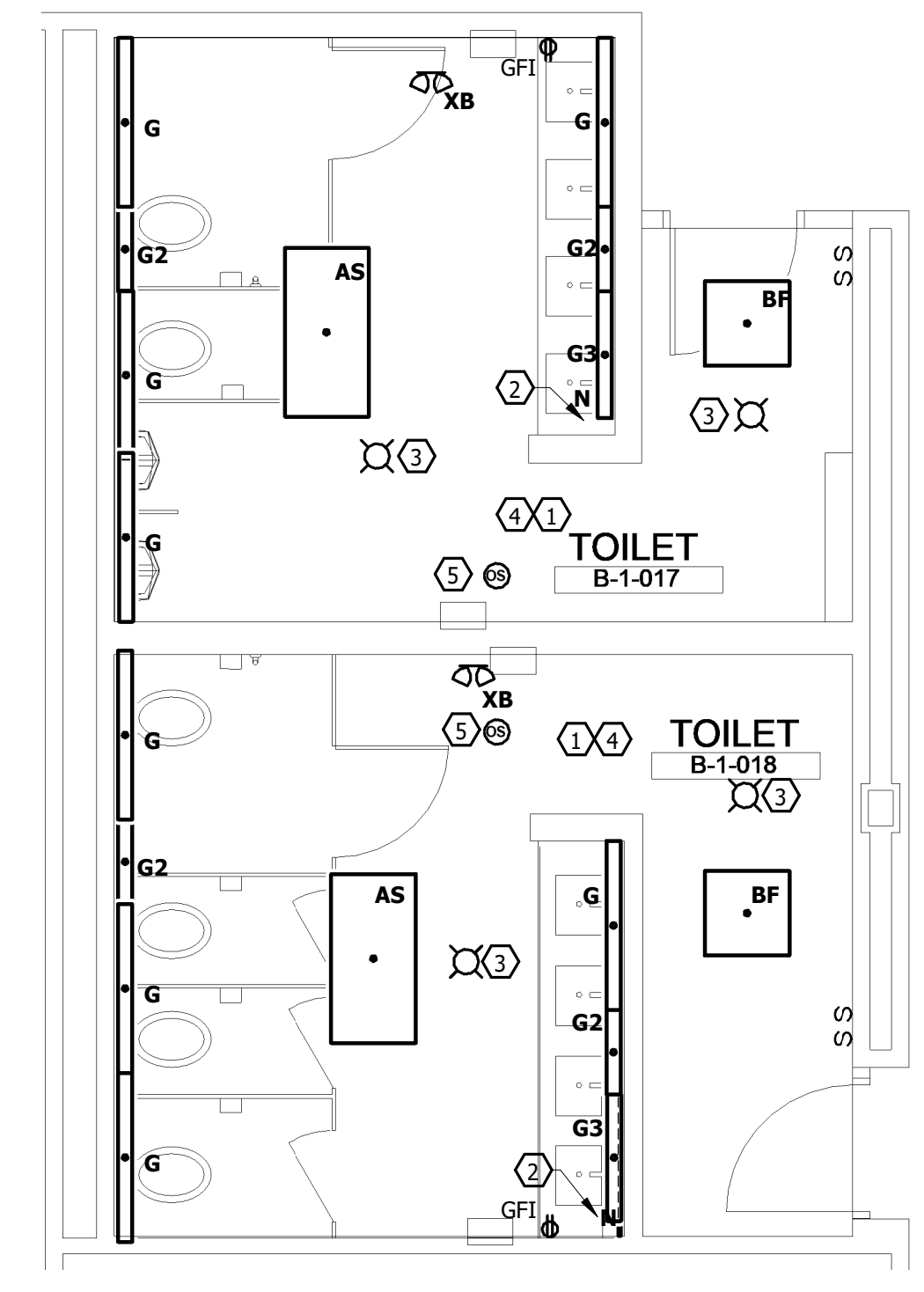
E101

KEY NOTES TO E102

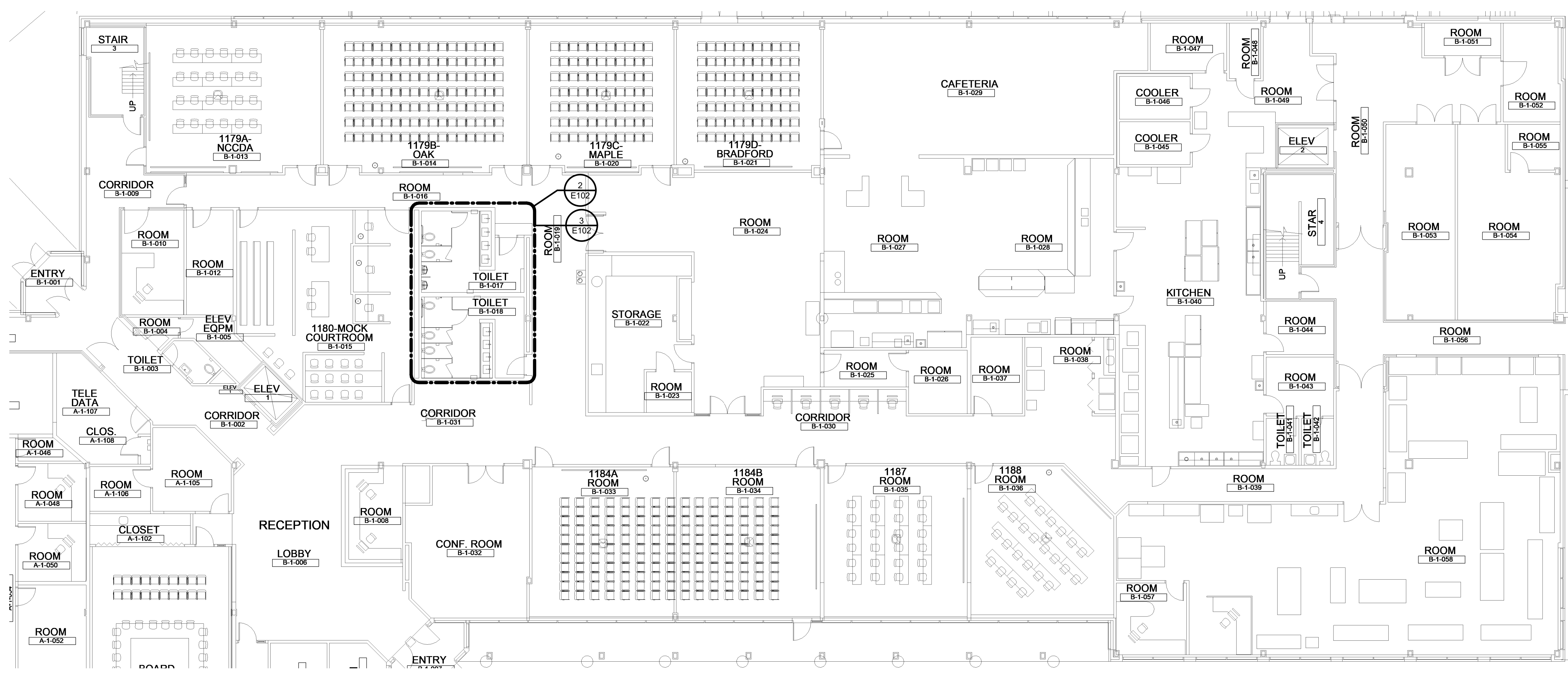
- 1 ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- 2 NEW MIRROR LIGHT TO TIE INTO EXISTING BATHROOM LIGHTING CIRCUIT. LIGHT SHALL BE CONTINUOUS BEHIND ALL EDGES OF THE MIRROR. REFERENCE ARCHITECTURAL PLANS FOR EXACT DETAILS AND DIMENSIONS.
- 3 DEMOLISH EXISTING FIRE ALARM STROBE. CONNECT NEW STROBE TO EXISTING FIRE ALARM CIRCUIT.
- 4 EXISTING CEILING IS A GYPSUM BOARD CEILING. COORDINATE WITH GC TO MODIFY CEILING TO ACCOMMODATE NEW FIXTURES.
- 5 NEW CEILING MOUNTED OCCUPANCY SENSOR. SENSOR SHALL CONTROL ALL NON EMERGENCY FIXTURES IN ROOM. COORDINATE ANY CEILING MODIFICATIONS WITH ARCHITECT.



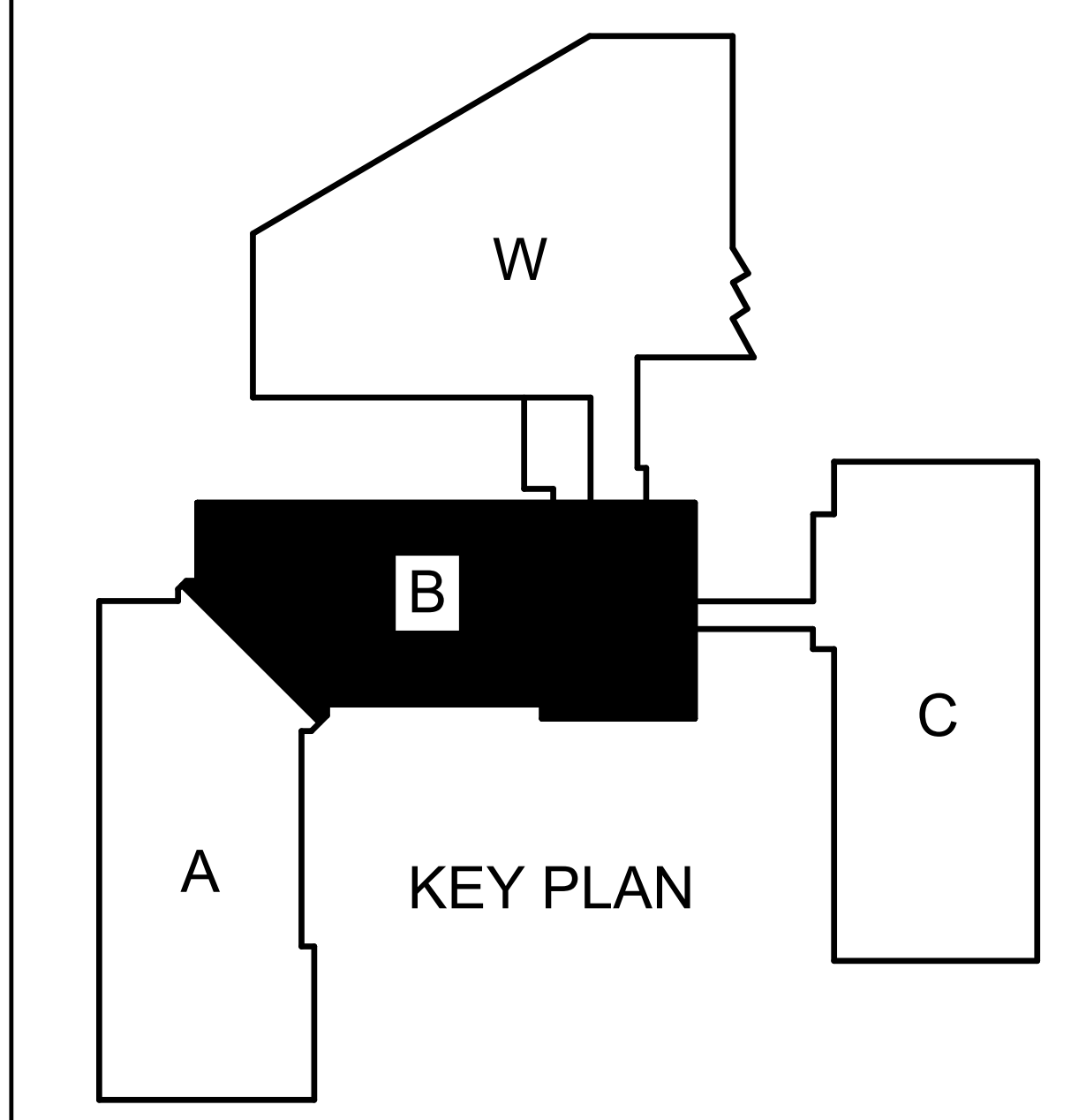
2 ENLARGED PLAN - ELECTRICAL DEMOLITION
E102 SCALE: 1/4" = 1'-0"



3 ENLARGED PLAN - ELECTRICAL NEW WORK
E102 SCALE: 1/4" = 1'-0"



1 LEVEL 1 - AREA B - ELECTRICAL PLAN 2
E102 SCALE: 3/32" = 1'-0"

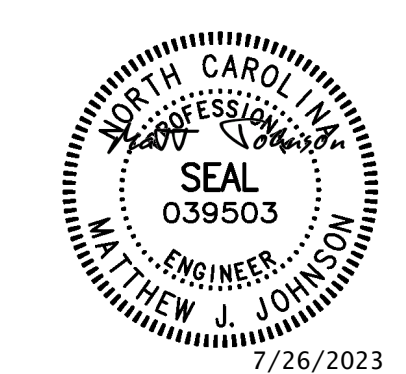


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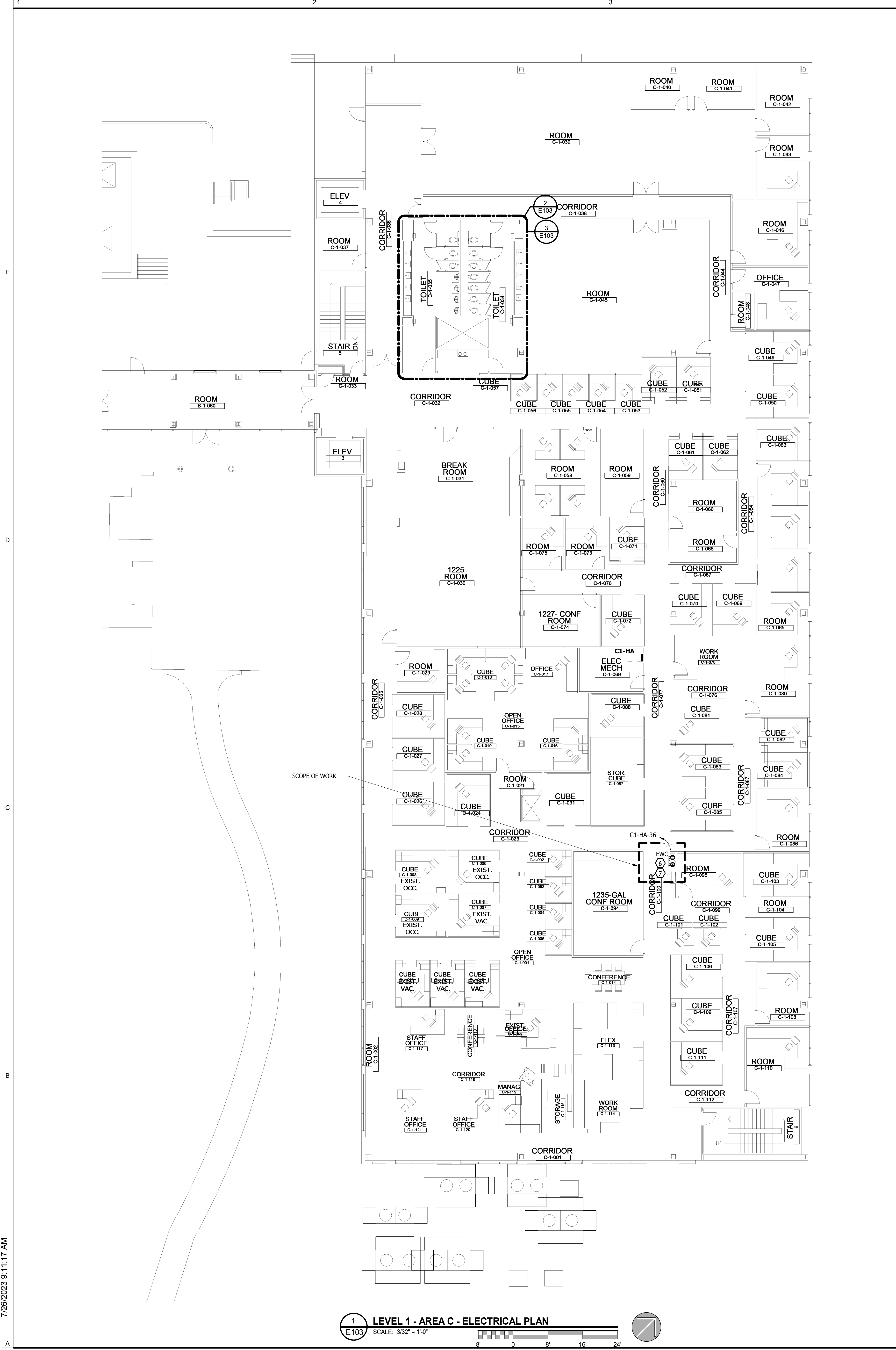
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Drawing scaled for 42x30 plots.
FIRST FLOOR
BUILDING B
FLOOR PLANS
AND ENLARGED
PLANS

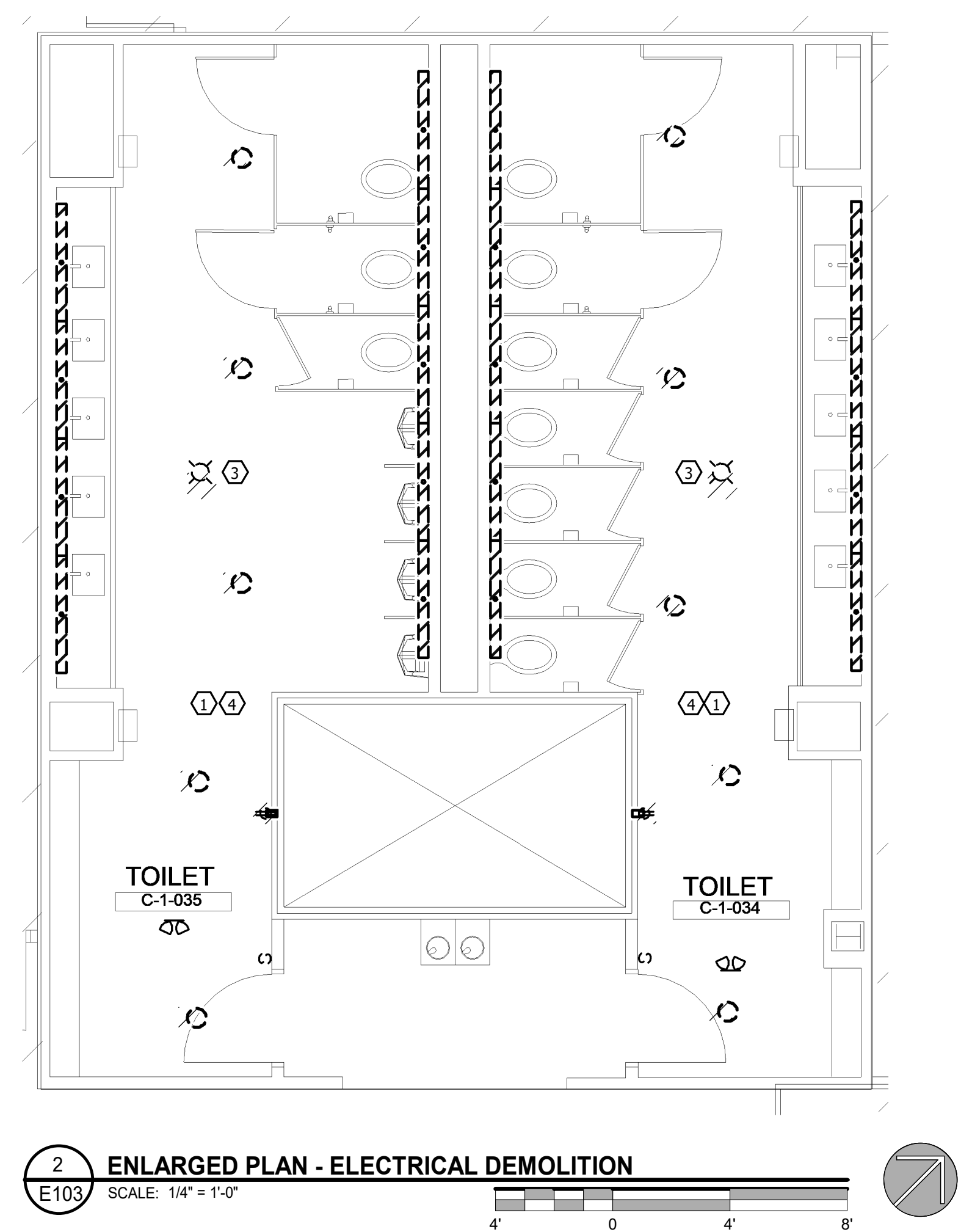
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DRAWING NUMBER

E102

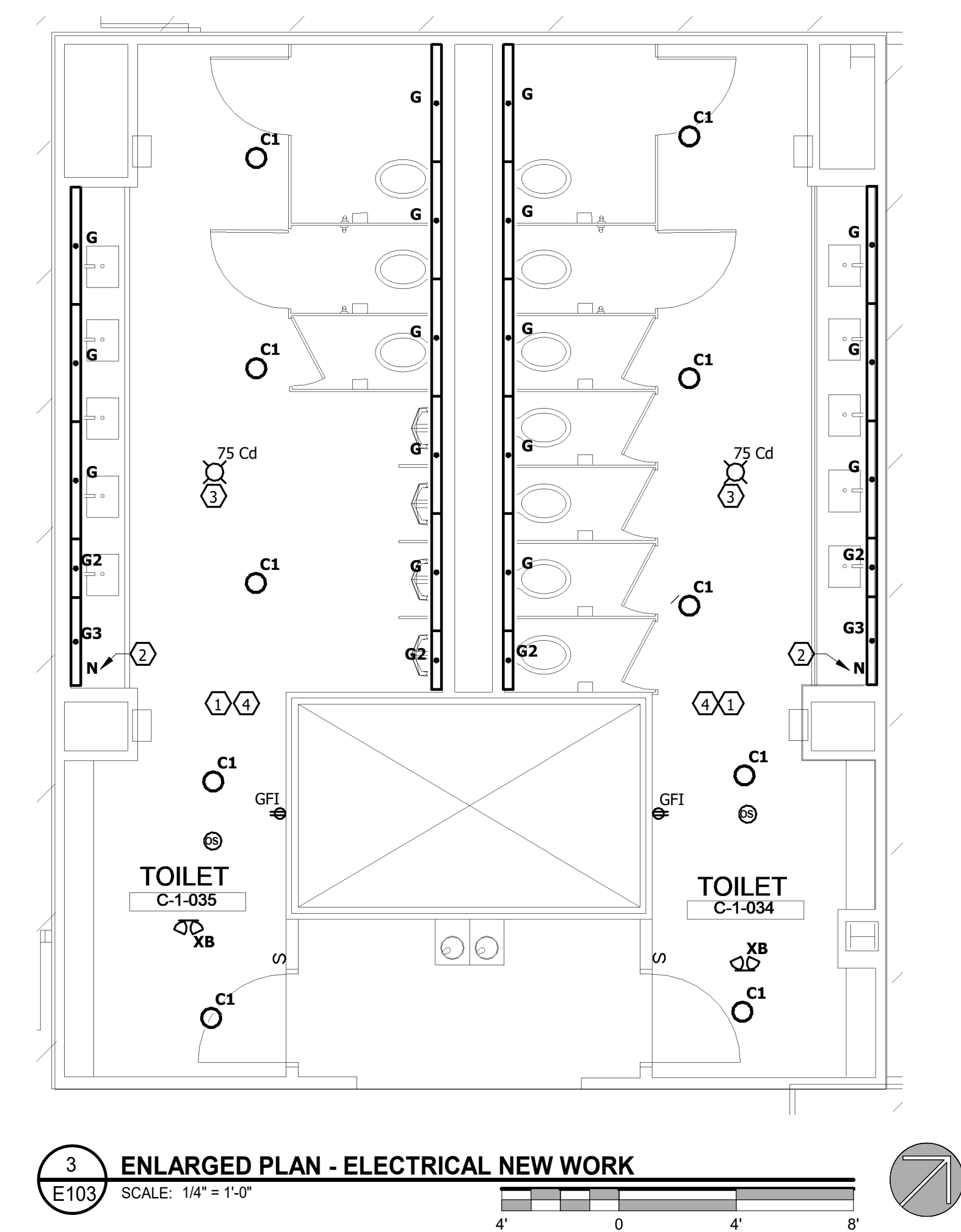
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1 LEVEL 1 - AREA C - ELECTRICAL PLAN
 E103 SCALE: 3/32" = 1'-0"
 0 8' 16' 24'



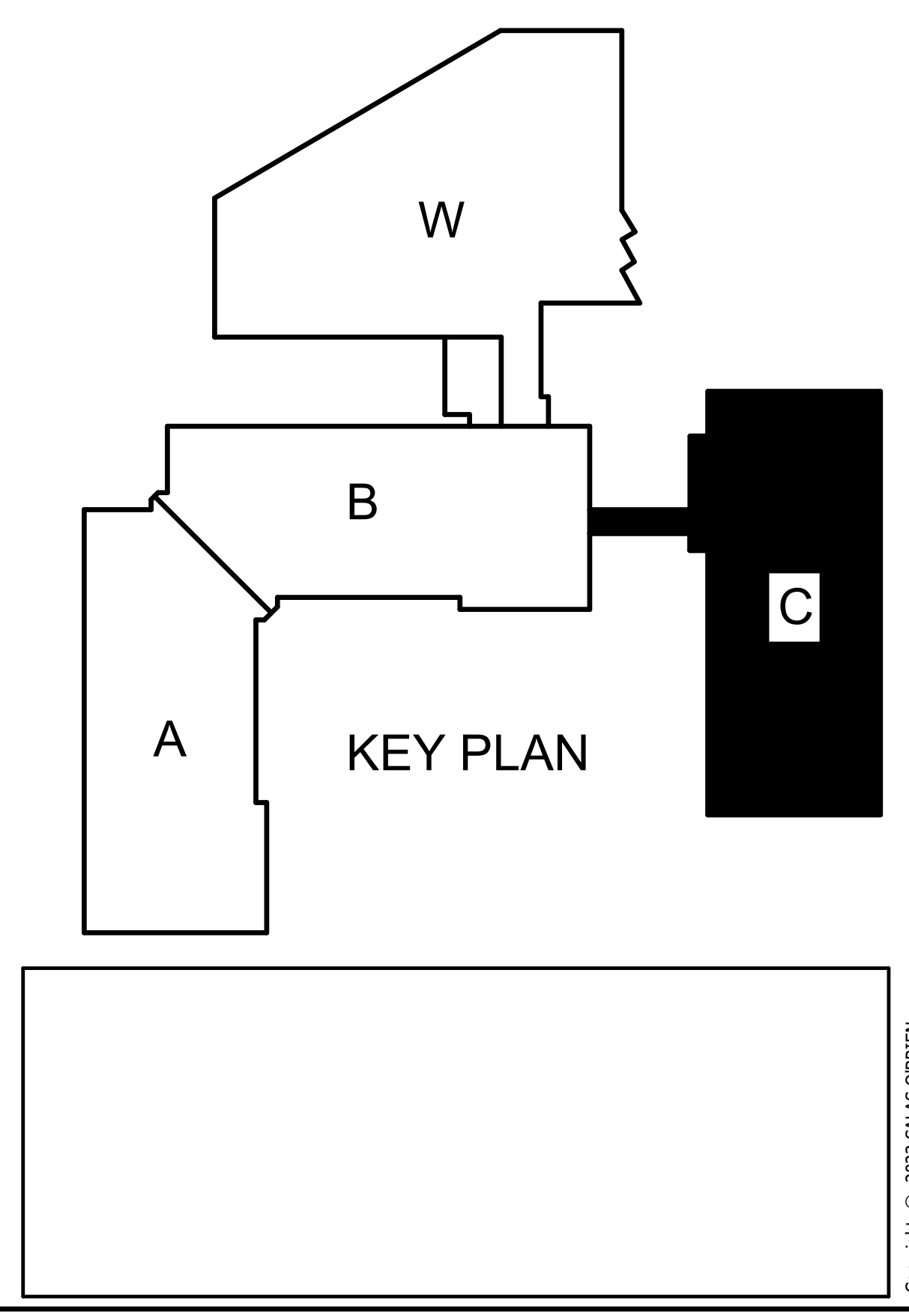
2 ENLARGED PLAN - ELECTRICAL DEMOLITION
 E103 SCALE: 1/4" = 1'-0"
 0 4' 8'



3 ENLARGED PLAN - ELECTRICAL NEW WORK
 E103 SCALE: 1/4" = 1'-0"
 0 4' 8'

KEY NOTES TO E103

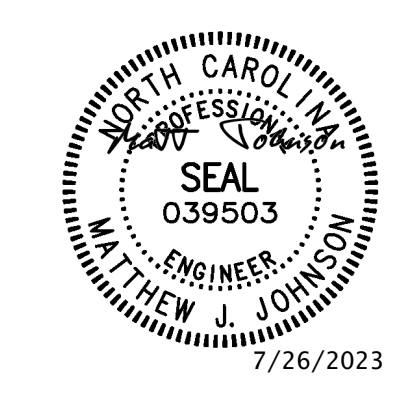
- 1 ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- 2 NEW MIRROR LIGHT TO TIE INTO EXISTING BATHROOM LIGHTING CIRCUIT. LIGHT SHALL BE CONTINUOUS BEHIND ALL EDGES OF THE MIRROR. REFERENCE ARCHITECTURAL PLANS FOR EXACT DETAILS AND DIMENSIONS.
- 3 DEMOLISH EXISTING FIRE ALARM STROBE. CONNECT NEW STROBE TO EXISTING FIRE ALARM CIRCUIT.
- 4 EXISTING CEILING IS A GYPOBOARD CEILING. COORDINATE WITH GC TO MODIFY CEILING TO ACCOMMODATE NEW FIXTURES.
- 6 RELOCATE EXISTING RECEPTACLE AS REQUIRED FOR NEW WATER COOLER. PROVIDE ADDITIONAL RECEPTACLE. REFERENCE DETAIL 11E011. COORDINATE EXACT LOCATIONS WITH INSTALLATION INSTRUCTIONS.
- 7 PROVIDE NEW CIRCUIT AS INDICATED. PROVIDE NEW 20A/1P GFI TYPE CIRCUIT BREAKER IN EXISTING SPACE. UTILIZE (2) 12AWG, 12AWG GROUND, 3/4"



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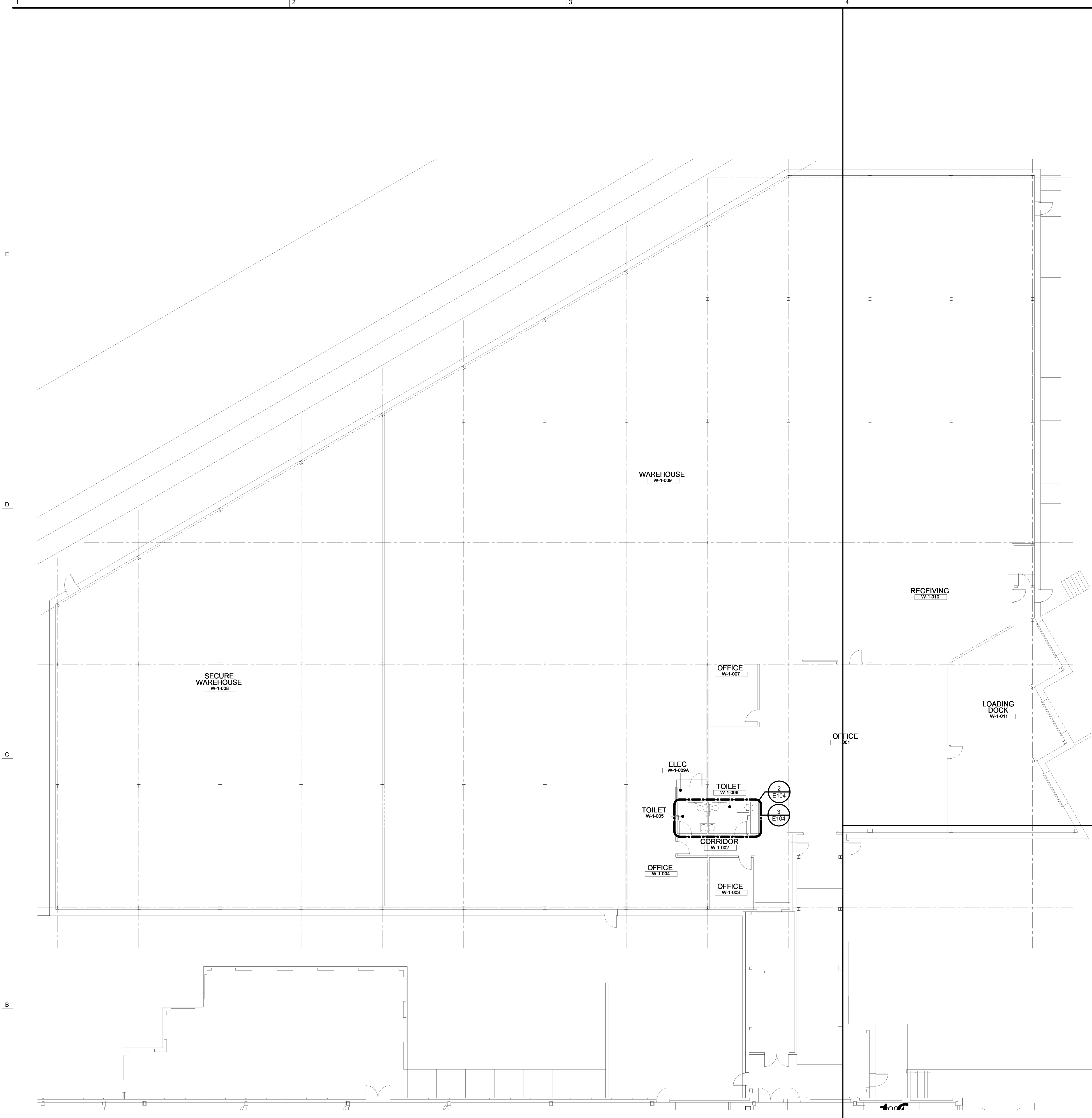
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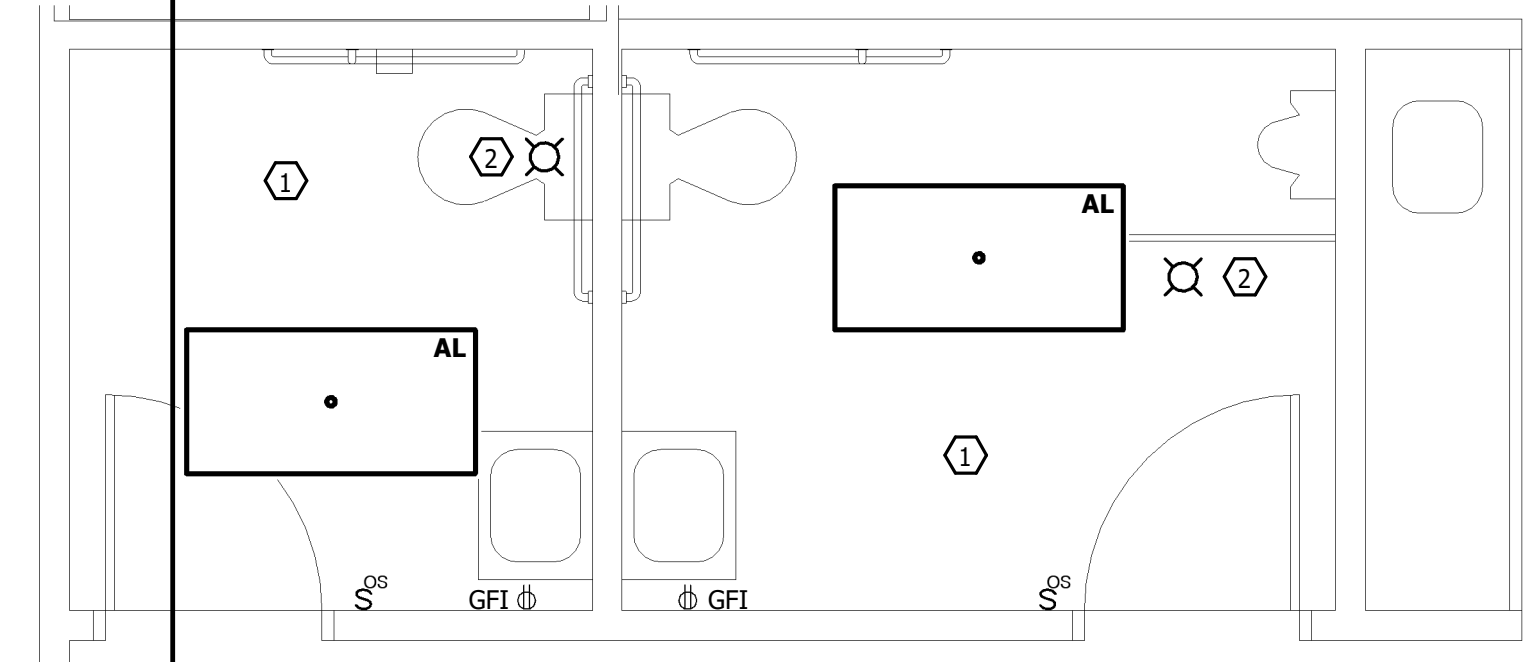
Drawing scaled for 42x30 plots.
FIRST FLOOR BUILDING C FLOOR PLANS AND ENLARGED PLANS

JOB CODE: 2023-02594
 DRAWING NUMBER

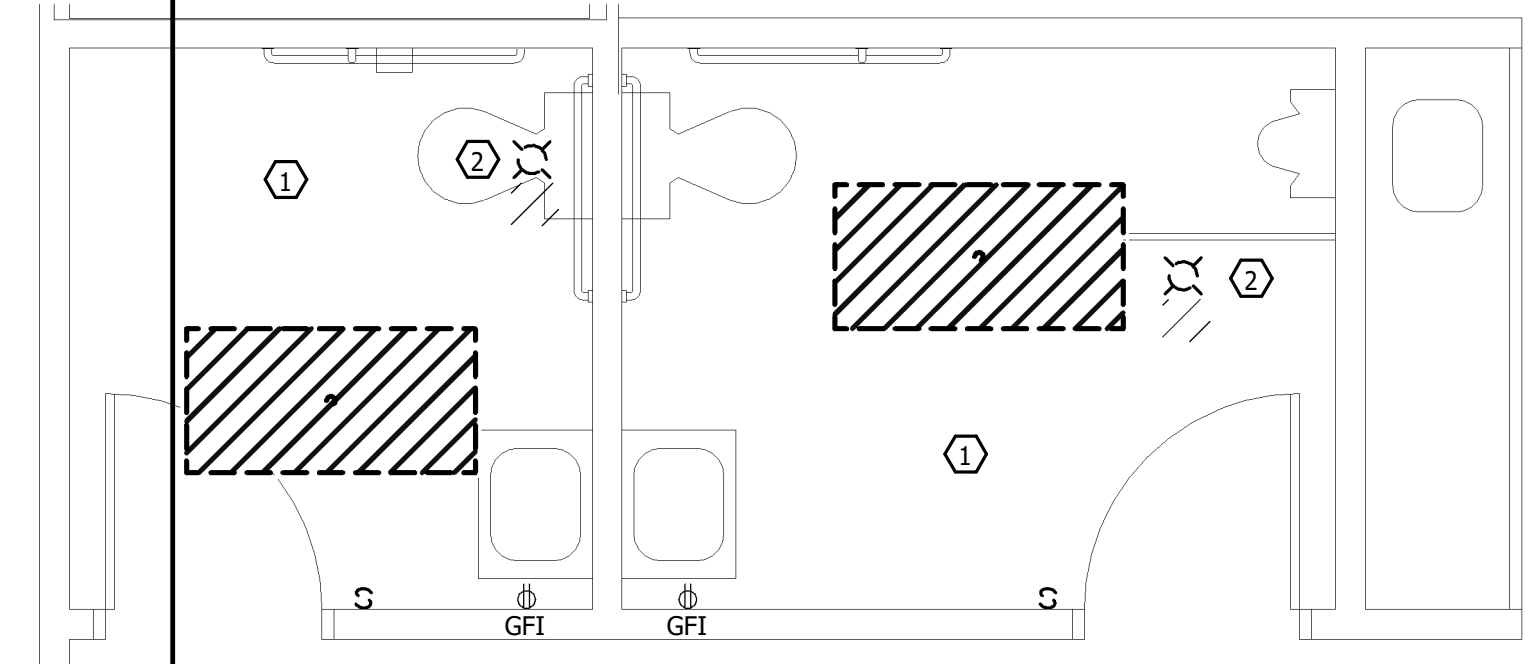
E103



1
E104
LEVEL 1 - WAREHOUSE - ELECTRICAL PLAN
SCALE: 3/32" = 1'-0"
8' 0' 8' 16' 24'



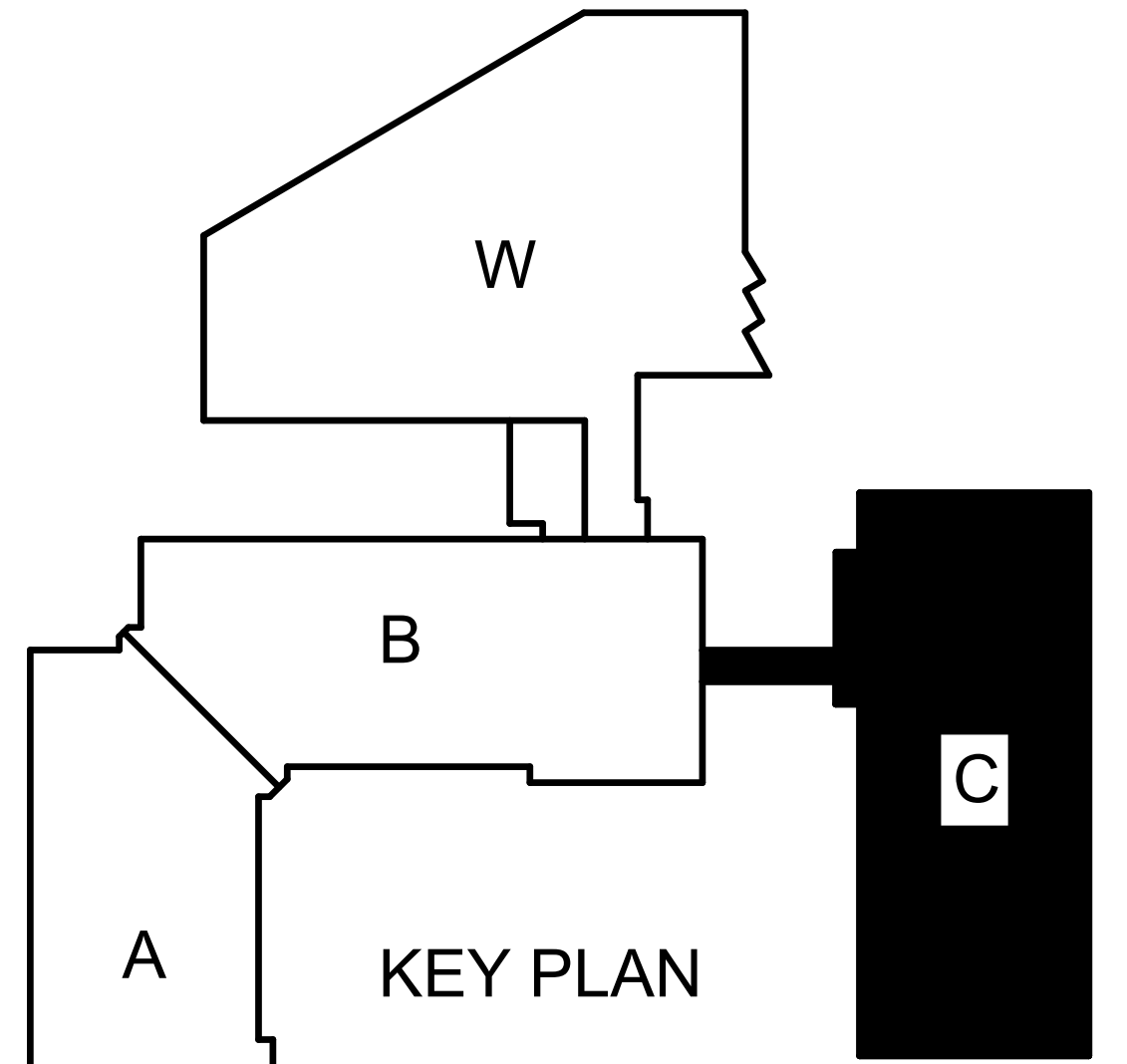
3
E104
ENLARGED PLAN - ELECTRICAL NEW WORK
SCALE: 3/8" = 1'-0"
2' 0' 2' 4' 6'



2
E104
ENLARGED PLAN - ELECTRICAL DEMOLITION
SCALE: 3/8" = 1'-0"
2' 0' 2' 4' 6'

KEY NOTES TO E104

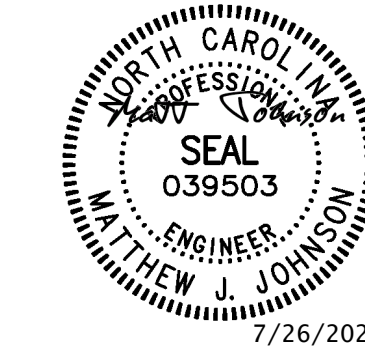
- 1 ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- 2 DEMOLISH EXISTING FIRE ALARM STROBE. CONNECT NEW STROBE TO EXISTING FIRE ALARM CIRCUIT.



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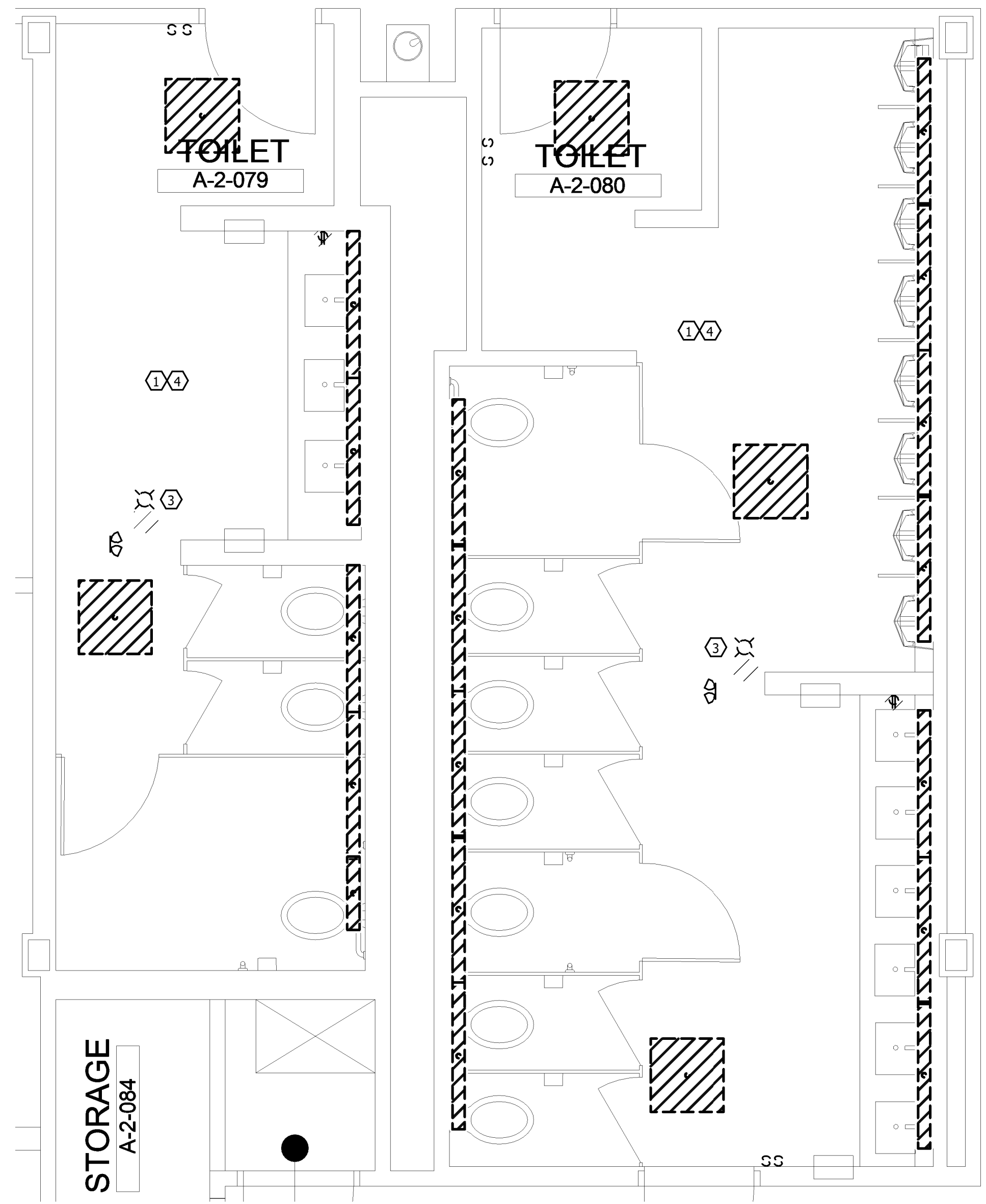
Drawing scaled for 42x30 plots.
FIRST FLOOR WAREHOUSE FLOOR PLANS AND ENLARGED PLANS

JOB CODE: 2023-02594
DRAWING NUMBER

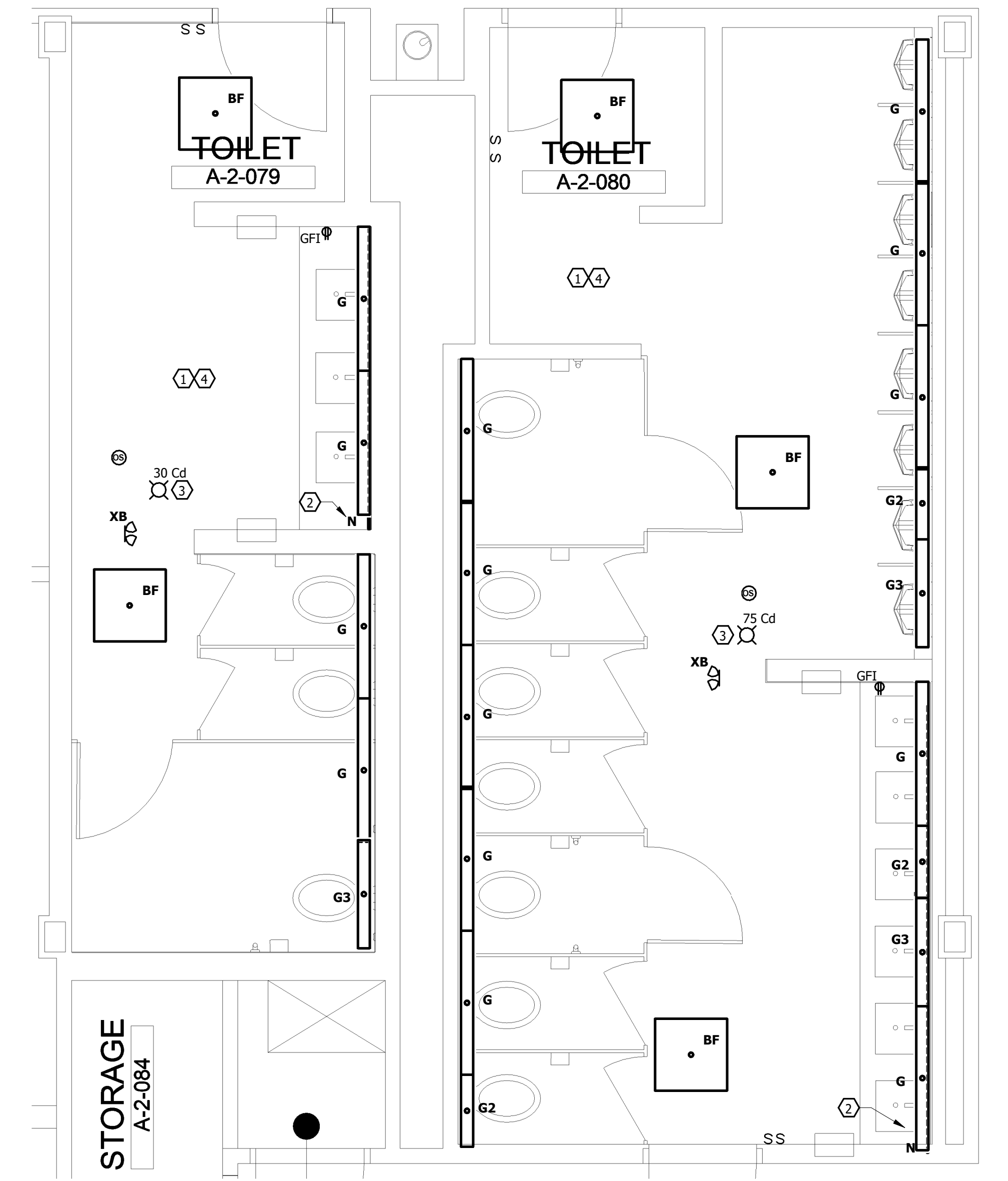
E104



1 LEVEL 2 - AREA A - ELECTRICAL PLAN
 E200 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



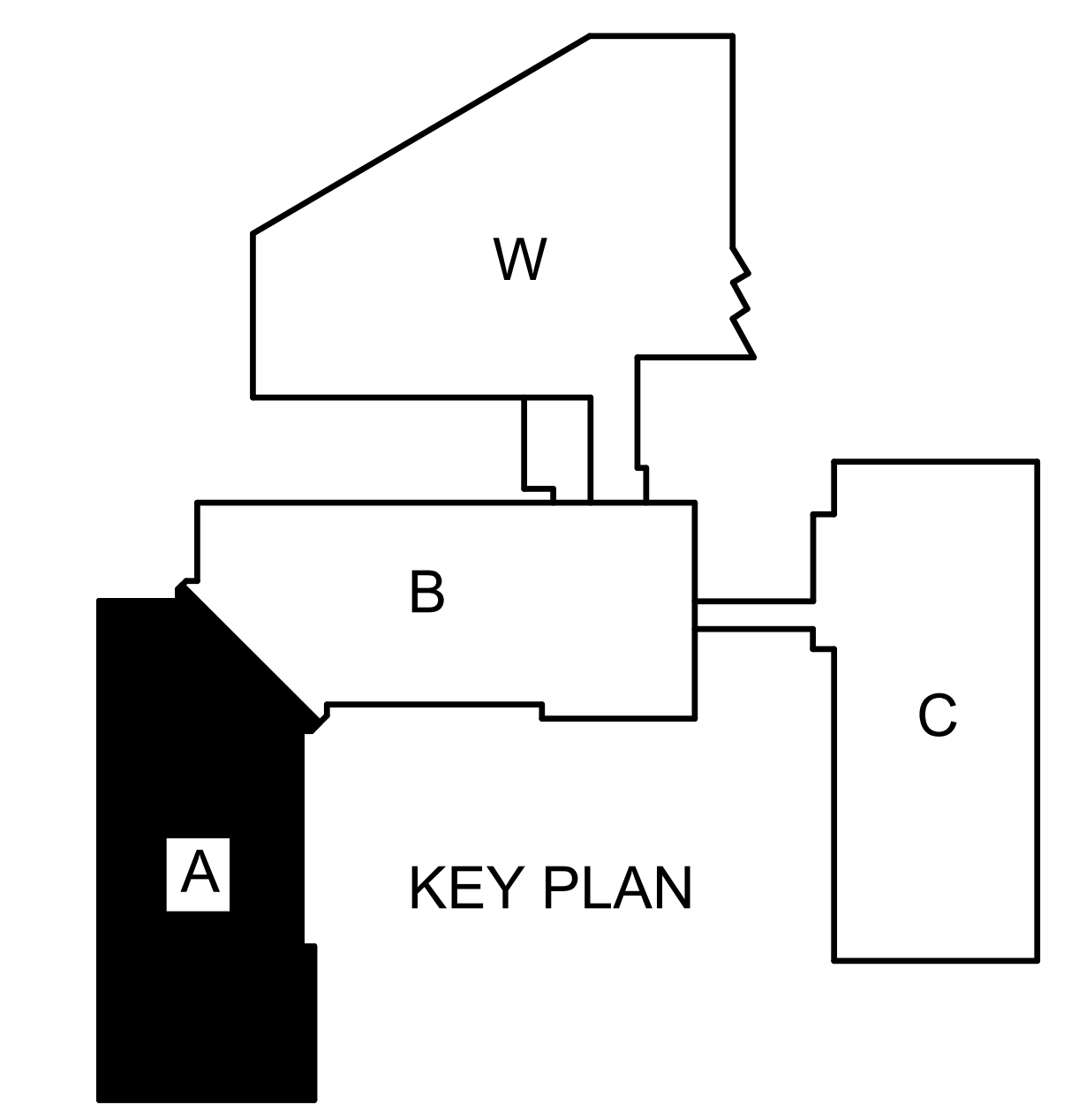
2 ENLARGED PLAN - ELECTRICAL DEMOLITION
 E200 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'



3 ENLARGED PLAN - ELECTRICAL NEW WORK
 E200 SCALE: 3/8" = 1'-0"
 2' 0' 2' 4' 6'

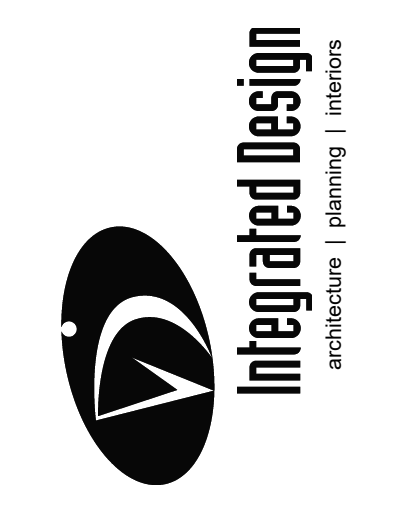
KEY NOTES TO E200

- 1 ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- 2 NEW MIRROR LIGHT TO TIE INTO EXISTING BATHROOM LIGHTING CIRCUIT. LIGHT SHALL BE CONTINUOUS BEHIND ALL EDGES OF THE MIRROR. REFERENCE ARCHITECTURAL PLANS FOR EXACT DETAILS AND DIMENSIONS.
- 3 DEMOLISH EXISTING FIRE ALARM STROBE. CONNECT NEW STROBE TO EXISTING FIRE ALARM CIRCUIT.
- 4 EXISTING CEILING IS A GYPSOBOARD CEILING. COORDINATE WITH GC TO MODIFY CEILING TO ACCOMMODATE NEW FIXTURES.

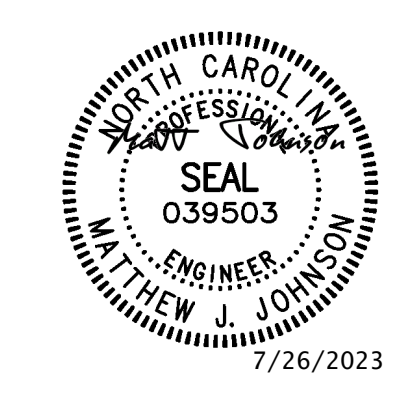


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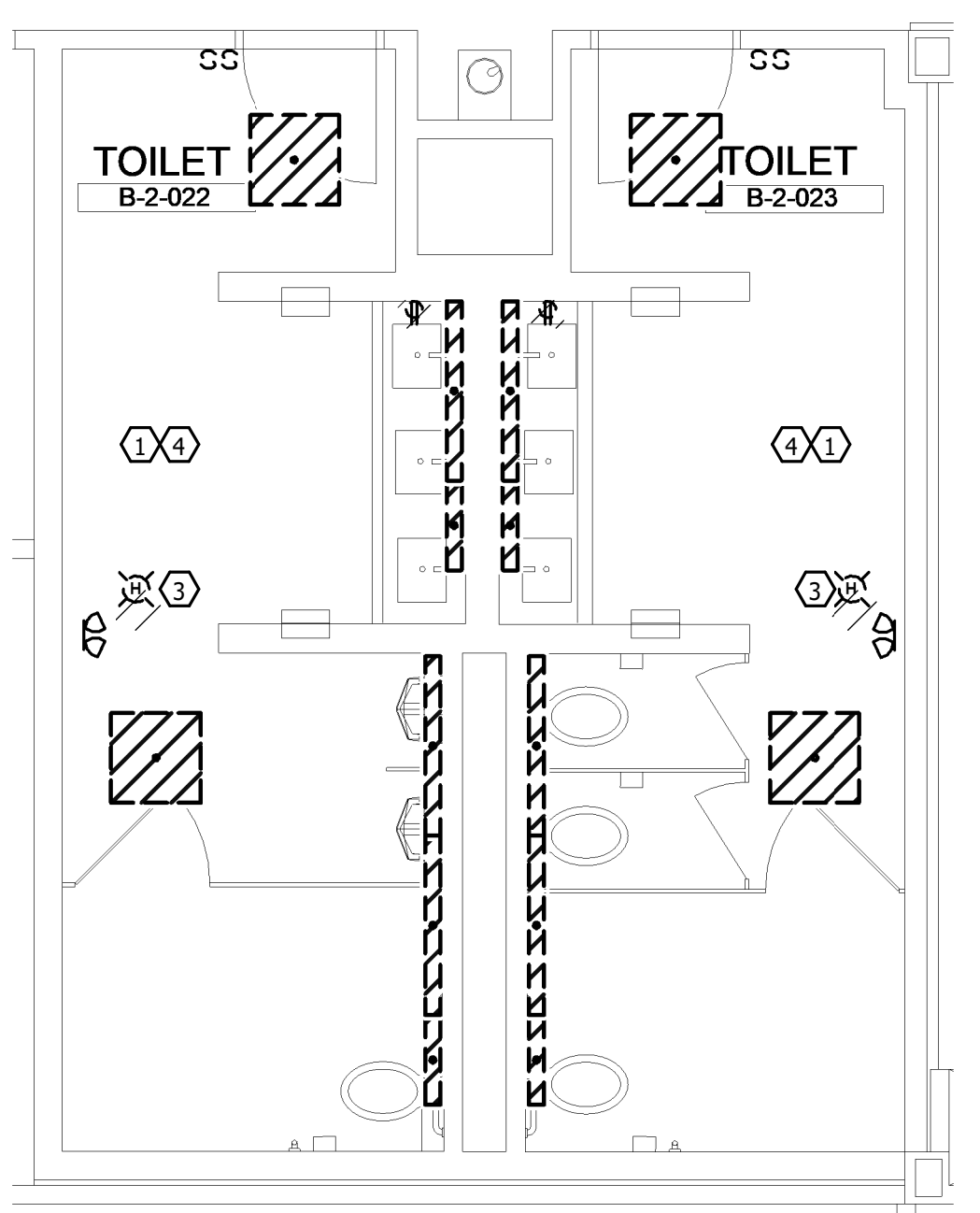
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Drawing scaled for 42x30 plots.
SECOND FLOOR BUILDING A FLOOR PLANS AND ENLARGED PLANS

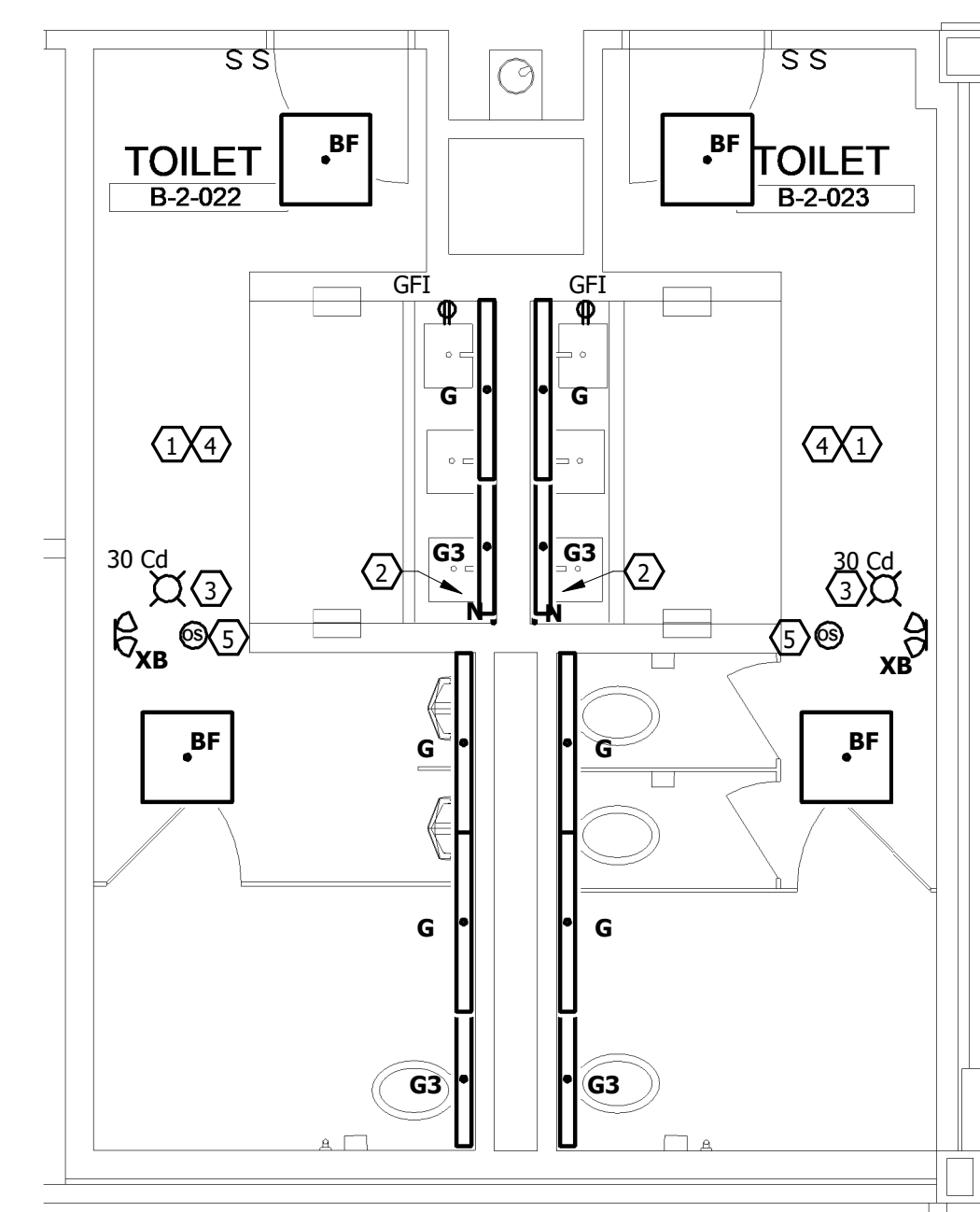
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DRAWING NUMBER

E200



2 ENLARGED PLAN - ELECTRICAL DEMOLITION
 E201 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'



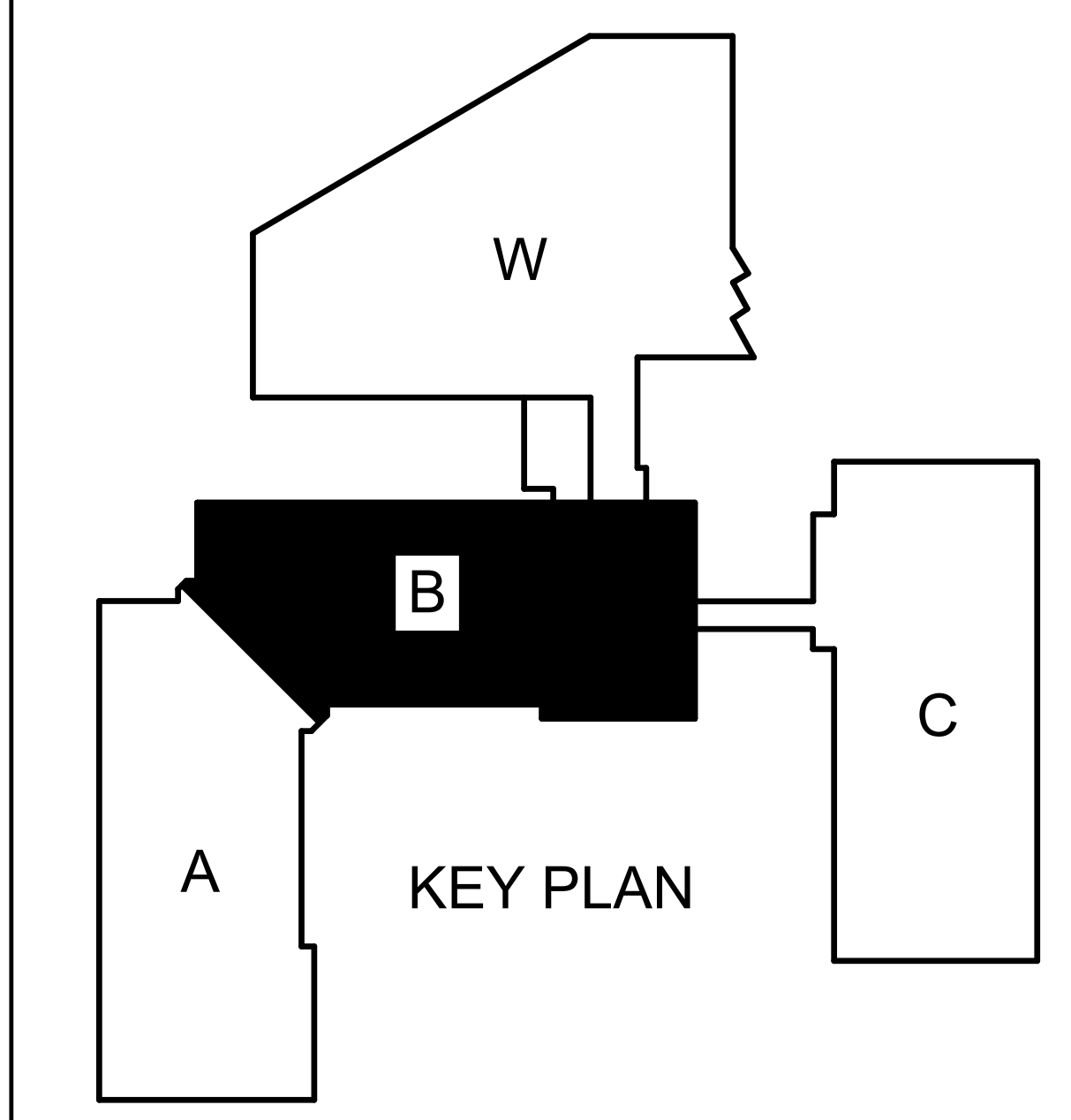
3 ENLARGED PLAN - ELECTRICAL NEW WORK
 E201 SCALE: 1/4" = 1'-0"
 4' 0' 4' 8'

KEY NOTES TO E201

- 1 ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- 2 NEW MIRROR LIGHT TO TIE INTO EXISTING BATHROOM LIGHTING CIRCUIT. LIGHT SHALL BE CONTINUOUS BEHIND ALL EDGES OF THE MIRROR. REFERENCE ARCHITECTURAL PLANS FOR EXACT DETAILS AND DIMENSIONS.
- 3 DEMOLISH EXISTING FIRE ALARM STROBE. CONNECT NEW STROBE TO EXISTING FIRE ALARM CIRCUIT.
- 4 EXISTING CEILING IS A GYPSUM BOARD CEILING. COORDINATE WITH GC TO MODIFY CEILING TO ACCOMMODATE NEW FIXTURES.
- 5 NEW CEILING MOUNTED OCCUPANCY SENSOR. SENSOR SHALL CONTROL ALL NON EMERGENCY FIXTURES IN ROOM. COORDINATE ANY CEILING MODIFICATIONS WITH ARCHITECT.
- 6 RELOCATE EXISTING RECEPTACLE AS REQUIRED FOR NEW WATER COOLER. PROVIDE ADDITIONAL RECEPTACLE. REFERENCE DETAIL 1/E001. COORDINATE EXACT LOCATIONS WITH INSTALLATION INSTRUCTIONS.
- 7 PROVIDE NEW CIRCUIT AS INDICATED. PROVIDE NEW 20A/1P GFI TYPE CIRCUIT BREAKER IN EXISTING SPACE. UTILIZE (2) 12AWG, 12AWG GROUND, 3/4" C.



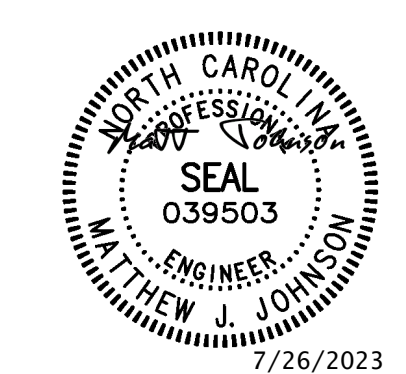
1 LEVEL 2 - AREA B - ELECTRICAL PLAN
 E201 SCALE: 3/32" = 1'-0"
 8' 0' 8' 16' 24'



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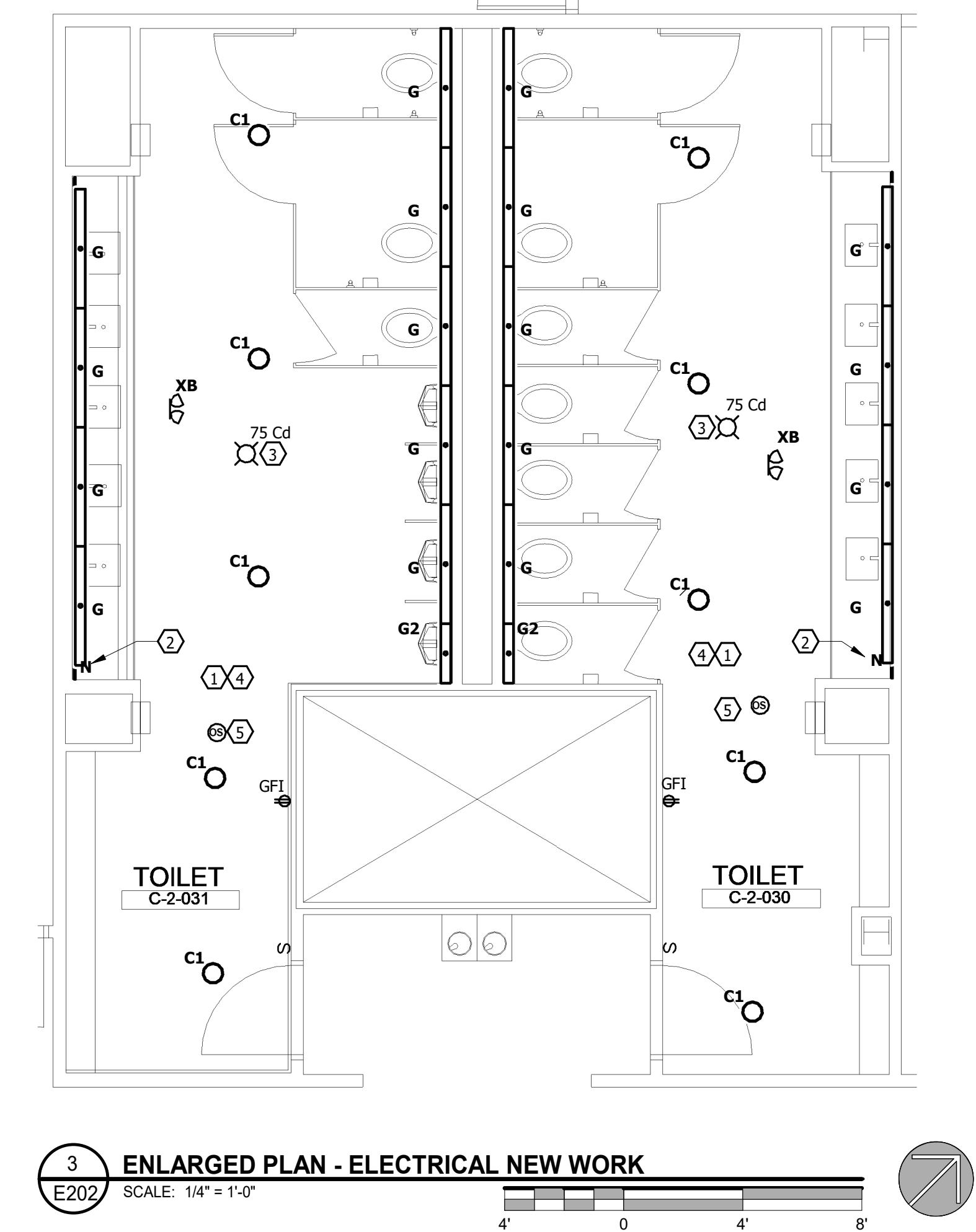
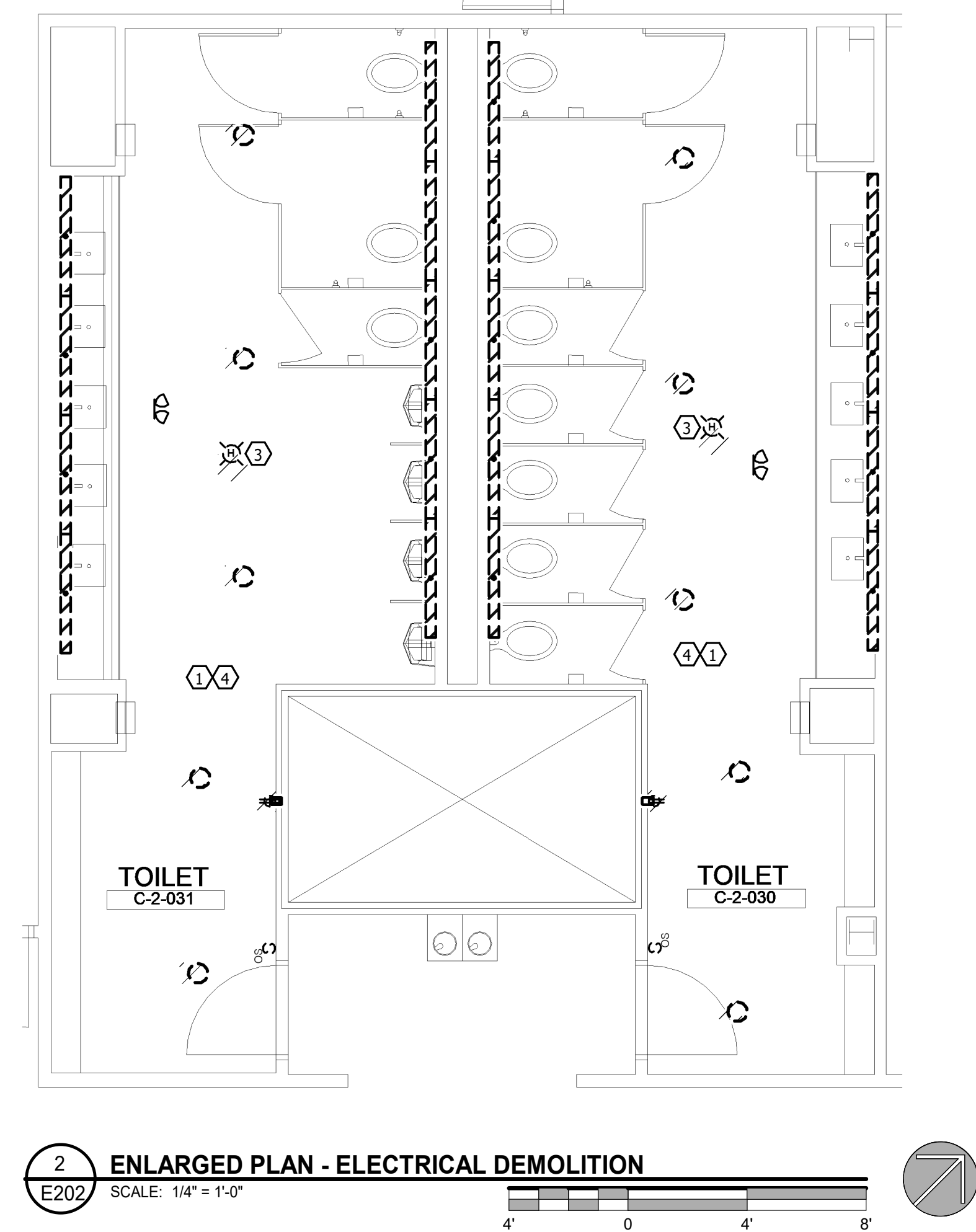
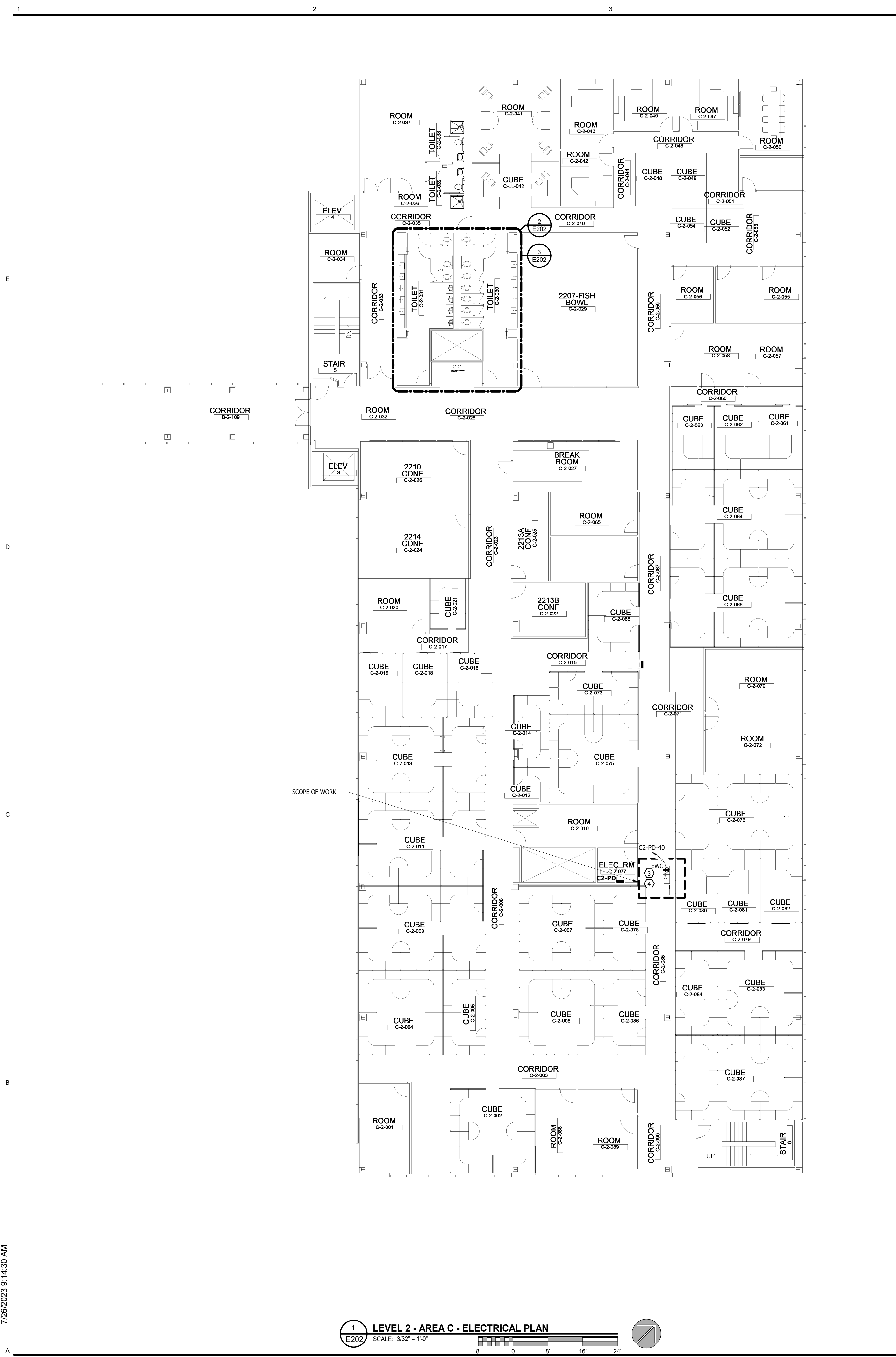
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DWG BY: BME
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**SECOND FLOOR
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 PLANS**
 JOB CODE: 2023-02594
 DRAWING NUMBER

E201



KEY NOTES TO E202

- 1 ALL LIGHTING AND POWER DEVICES TO TIE INTO EXISTING CIRCUIT FROM DEMOLISHED DEVICES.
- 2 NEW MIRROR LIGHT TO TIE INTO EXISTING BATHROOM LIGHTING CIRCUIT. LIGHT SHALL BE CONTINUOUS BEHIND ALL EDGES OF THE MIRROR. REFERENCE ARCHITECTURAL PLANS FOR EXACT DETAILS AND DIMENSIONS.
- 3 <varies>
- 4 <varies>
- 5 NEW CEILING MOUNTED OCCUPANCY SENSOR. SENSOR SHALL CONTROL ALL NON EMERGENCY FIXTURES IN ROOM. COORDINATE ANY CEILING MODIFICATIONS WITH ARCHITECT.

