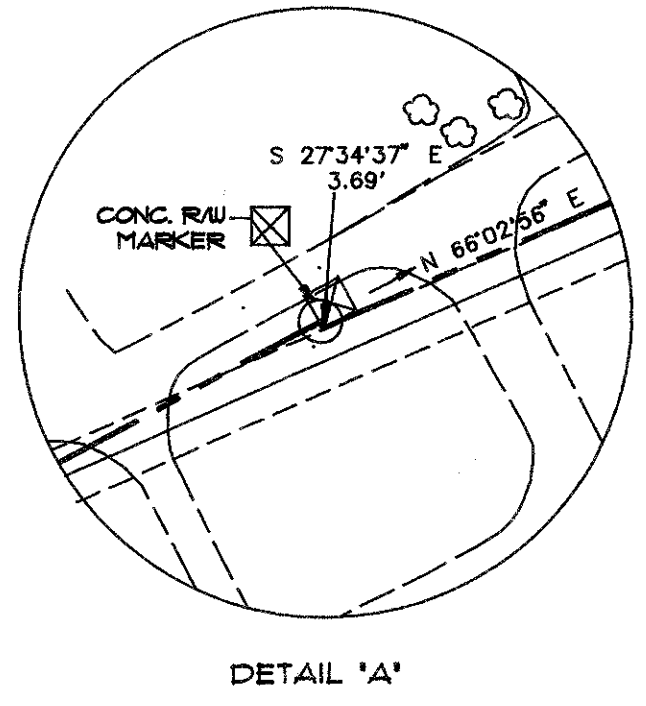
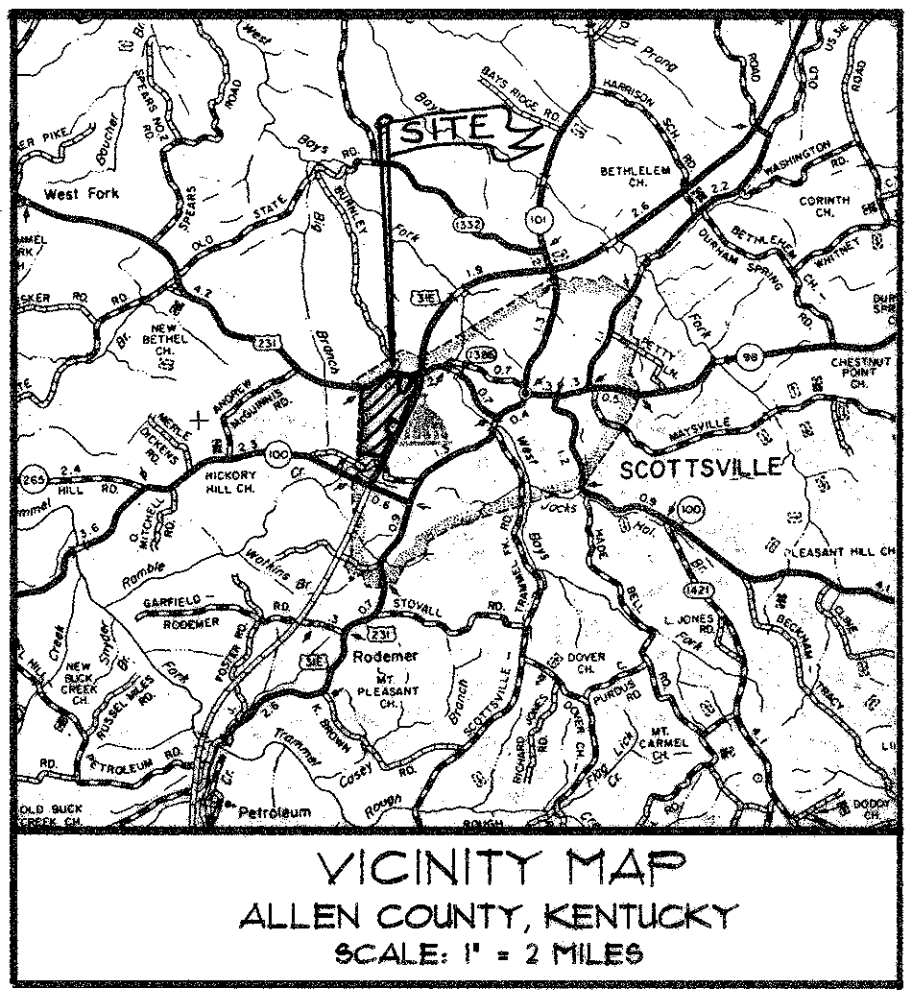
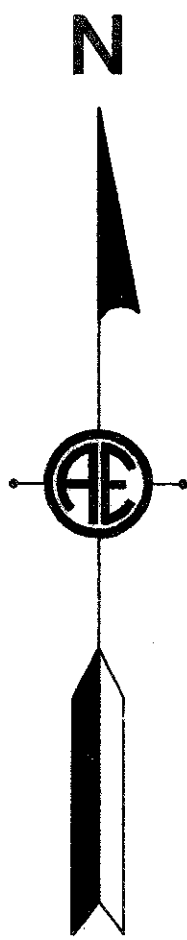
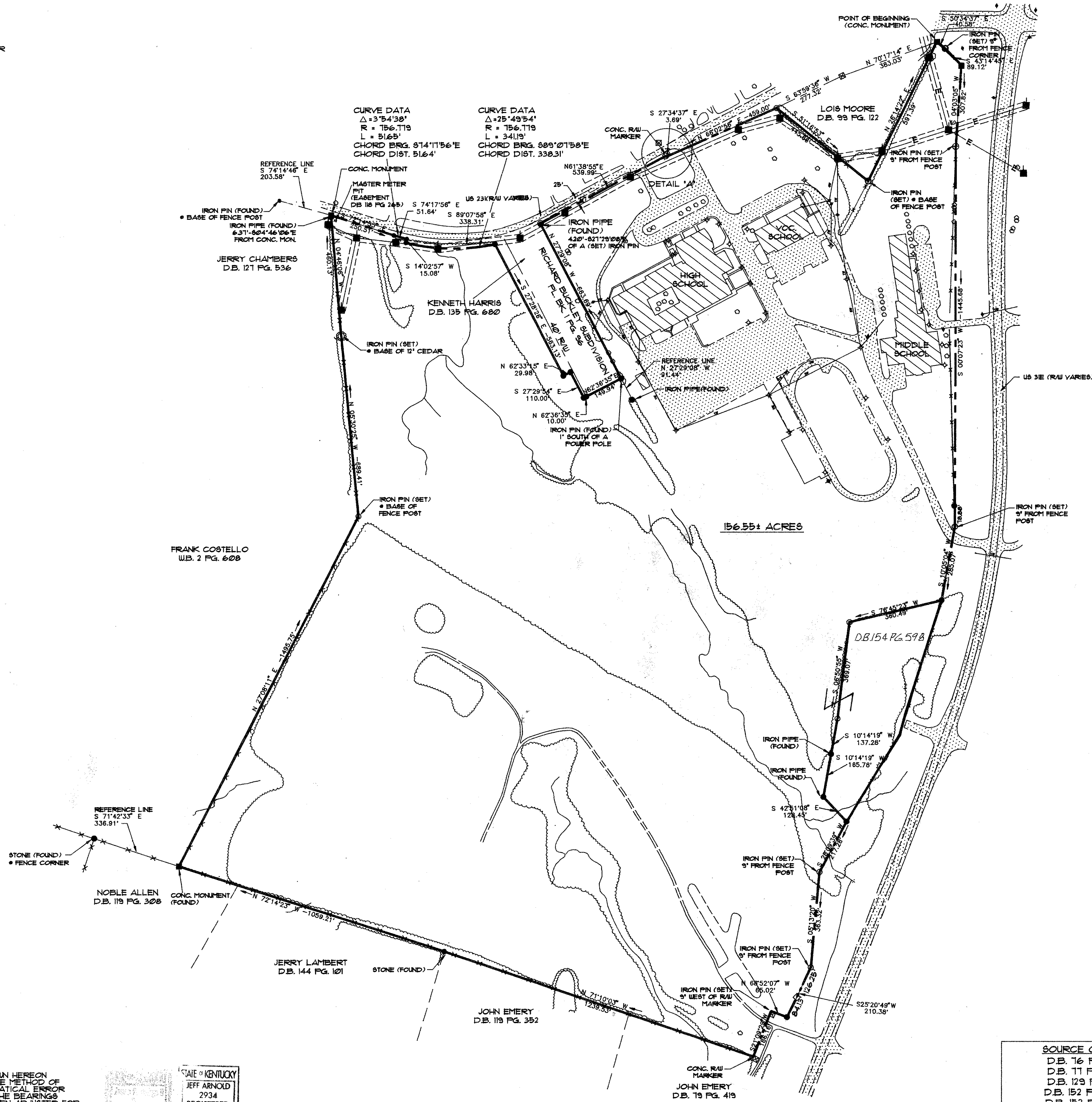


LEGEND

- STANDARD SYMBOLS THAT MAY APPEAR ON THIS DRAWING
- IRON PIN 4 CAP (SET)
 - IRON PIN (FOUND) PROPERTY CORNER
 - ⊙ TELEPHONE POLE
 - ⊙ SECURITY LIGHT
 - ⊙ MANHOLE
 - ⊙ POWER POLE
 - TELEPHONE PEDESTAL
 - POWER LINE
 - TELEPHONE LINE
 - PROPERTY LINE
 - FENCE LINE
 - DITCH
 - EASEMENT
 - C OF EXISTING ROAD
 - RIGHT OF WAY
 - ADJACENT PROPERTY LINE
 - EXISTING BUILDING
 - PAVED AREA



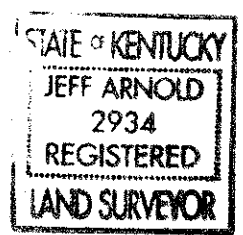
- NOTES:
1. THE RAW FENCE EAST OF THE MIDDLE SCHOOL APPEARS TO ENCRoACH ONTO THE SCHOOL PROPERTY.
 2. THE RAW VARIES ON US 231 AND US 31E AS SHOWN. THE KENTUCKY DEPT. OF TRANSPORTATION PLANS FOR US 231 DATED 1931 AND US 31E DATED 1911 ALONG WITH D.B. 1066 PG. 111 AND D.B. 1066 PG. 350 WERE UTILIZED TO DETERMINE SAID RAW.
 3. THE EASEMENTS SHOWN HEREON WERE DETERMINED AS FOLLOWS:
WATERLINE 4 MASTER METER PIT-D.B. 119 PG. 265
OVERHEAD UTILITY LINES-PLAT BY MICHAEL P. GREENE DATED NOV. 4 DEC. 1981 AND A PLAT BY PRIDE ENGINEERING INC. DATED DEC. 18, 1985 AND JAN. 22, 1986. THESE EASEMENTS DO NOT APPEAR TO BE RECORDED IN THE COUNTY COURT CLERK'S OFFICE.
 4. ACCORDING TO THE FLOOD HAZARD BOUNDARY MAP PANEL NUMBER 210261-02026 A, EFFECTIVE DATE JUNE 24 1971, THIS PROPERTY IS ABOVE THE 100 YR. FLOOD PLAN.

PLAT FOR:		ALLEN COUNTY BOARD OF EDUCATION 235 BOWLING GREEN RD. SCOTTSDALE, KENTUCKY 42164	
PROJECT TITLE: PROPERTY SURVEY			
DRAWN BY:	DATE:	PLAT BY:	AMERICAN ENGINEERS, INC.
A. KENNEDY	1/16/97		65 ABERDEEN DRIVE GLASGOW, KY 42141-8238 PH. (502) 651-1720
APPROVED BY:	DATE:		
J. PEDIGO	1/16/97		
SCALE:	SHEET	SHEET	PROJECT NO.
1" = 200'	1	OF 1	O. ALLENSCH

SOURCE OF TITLE
D.B. 76 PG. 135
D.B. 77 PG. 323
D.B. 129 PG. 731
D.B. 152 PG. 533
D.B. 152 PG. 533
PLAT BY MICHAEL P. GREENE
(UNRECORDED)
PLAT BY PRIDE ENGINEERING INC.
(UNRECORDED)

SURVEYOR'S CERTIFICATION
I DO HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON WAS PERFORMED UNDER MY DIRECTION BY THE METHOD OF RANDOM TRAVERSE. THE UNADJUSTED MATHEMATICAL ERROR OF CLOSURE OF THE TRAVERSE WAS 1/1404. THE BEARINGS AND DISTANCES SHOWN HEREON HAVE NOT BEEN ADJUSTED FOR CLOSURE. THE BASIS OF THE BEARINGS SHOWN HEREON WAS A BEARING TAKEN FROM A PLAT BY MICHAEL P. GREENE DATED NOV. 4 DEC. 1981 OF THE 107.29 ACRE TRACT. THE BEARING REFERENCED IS N72°14'W ALONG THE SOUTHERN BOUNDARY.

JAMES D. PEDIGO P.L.S. #7933
DATE: 1/22/97
JEFF ARNOLD T.L.S. #2934



FOR REFERENCE ONLY

GARY R. SCOTT, ARCHITECT
116 WEST MAIN STREET, FRANKFORT, KENTUCKY 40601
502-875-1307
502-875-7290

ALLEN COUNTY PRIMARY CENTER
ALLEN COUNTY BOARD OF EDUCATION
SCOTTSDALE, KENTUCKY

1" = 200" SITE SURVEY
AMERICAN ENGINEERS, INC.
GLASGOW, KENTUCKY

DATE: JAN 97
JOB NO.: 64

DRAWING: SD-10
2 OF 121

- (A) Highway Right-of-Way marker. Remove and reinstall after grading in accordance with KY Dept. of Transportation specifications.
- (B) Remove and reinstall all property corner markers in accordance with 201 KAR 18.152.
- (C) Coordinate removal and reinstallation of power pole with local utility.
- (D) Remove and reinstall highway right-of-way fence in accordance with KY Dept. of Transportation requirements.
- (E) Extend existing 24" CMP as required by new entrance widening. Trim bent ends before extending. Redrill outflow channel slightly as required.
- (F) Remove trees and undergrowth and dispose properly. Only remove trees in areas affected by grading. Use caution to protect trees to remain. Vegetation removed trees shall be replaced by contractor at contractor's expense.
- (G) Remove undergrowth and trees not selected by Architect to remain. Revegetate with grass.
- (H) Remove soft or otherwise unsuitable soils under proposed roadways and piping.
- (I) Maintain old barbed wire fencing.
- (J) Remove and replace with similar construction the existing 2'x2' brick pillars in location designated by owner. Reuse existing gates.
- (K) Remove existing gravel entrances. Gravel may be blended with earth fill.
- (L) Protect existing asphalt entrance.
- (M) Remove existing chain-link fencing and reinstall in location designated by owner.
- (N) Do not disturb areas outside of designated construction areas. Unless directed otherwise, all disturbed areas will be finished graded and re-vegetated in grass. If not in a normal planting season, sow in temporary grass cover to minimize erosion.
- (O) (not used)
- (P) Unimproved trail or area or short mown grass with no improvements.
- (Q) Existing utilities, see sheet SD-10. Use caution and contact all utility companies prior to any disturbance. Protect all existing utilities.
- (R) Relocate existing water line outside of construction area as per owners instructions.

DEMOLITION NOTES

A
SD-2.0

Contractor is required to maintain project in full compliance with the Kentucky Pollution Discharge Elimination System (KPDES) and all other applicable regulations. Contractor is responsible to file KPDES application prior to any disturbance. Send copy to Architect and Engineer.

KPDES & EROSION CONTROL

B
SD-2.0

SITE SAFETY

Contractor is solely responsible for site safety during the life of construction. Site safety is outside the scope of work of J. E. Black and Gary R. Scott. Anyone using information from these plans acknowledges and warrants that neither J. E. Black nor Gary R. Scott is responsible for site safety in any way.



DEMOLITION PLAN

Scale 1" = 5'

A
SD-2.0



FOR REFERENCE ONLY

SITE DEMOLITION PLAN

J. E. BLACK

ENGINEERING GEOLOGY SURVEYING SITE PLANNING
30 OLD EAST VINE LEXINGTON, KENTUCKY 40507
606-255-3800

DATE

Jan 97

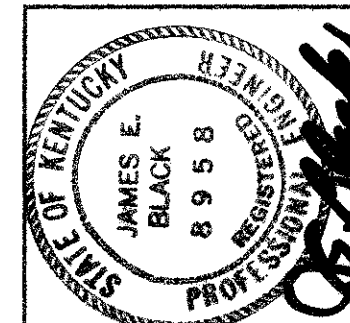
JOB NO.

E/16/144

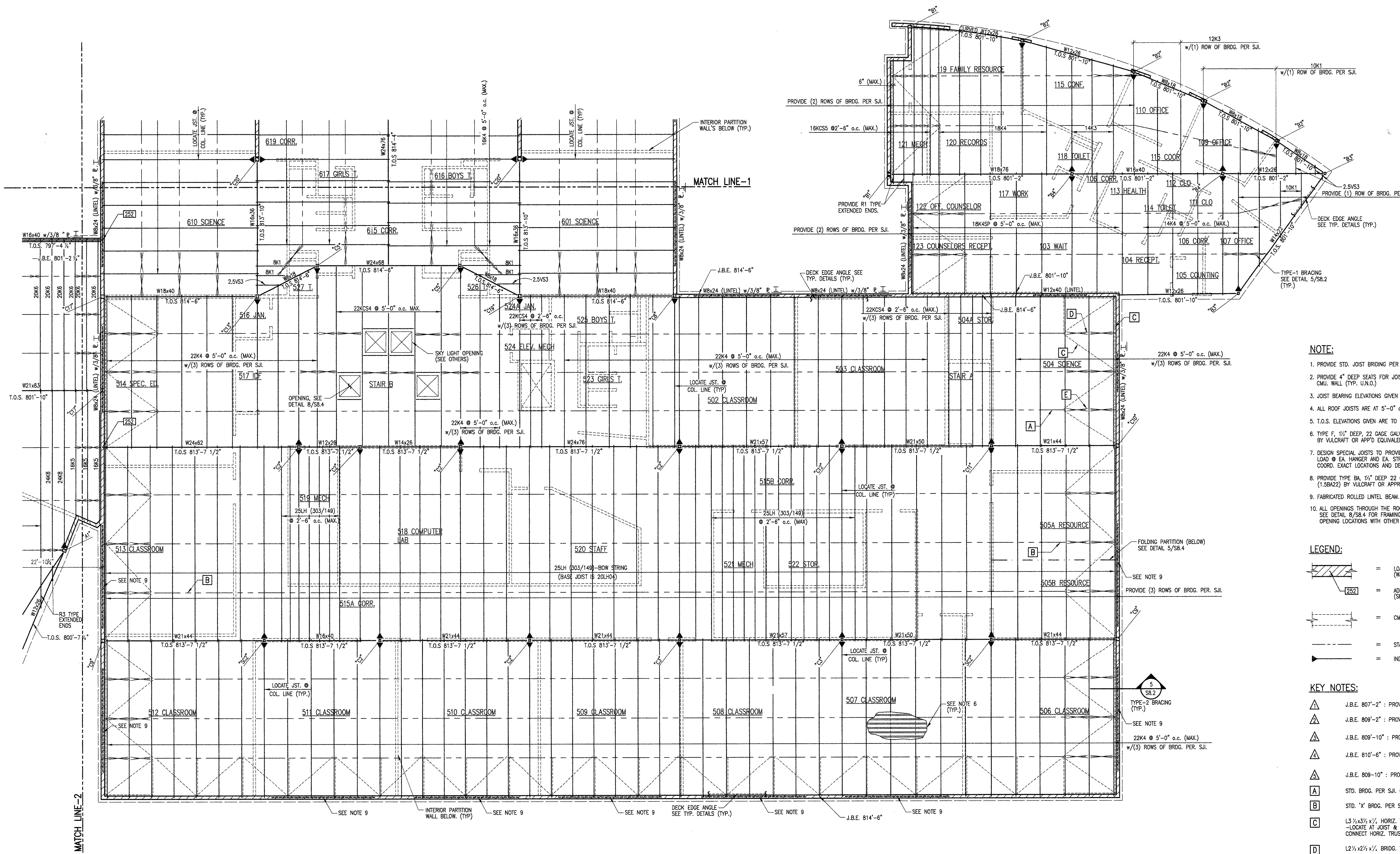
DRAWING

SD-20

3 OF 121



GARY R. SCOTT, ARCHITECT
116 WEST MAIN STREET, FRANKFORT, KENTUCKY 40601
502-875-2290
502-875-1307



PARTIAL ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"



NOTE:

1. PROVIDE STD. JOIST BRIDGING PER S.J.I. SPECIFICATIONS.
2. PROVIDE 4" DEEP SEATS FOR JOIST BEARING IN CMU WALL (TYP. U.N.O.).
3. JOIST BEARING ELEVATIONS GIVEN ARE TOP OF BEARING PLATE.
4. ALL ROOF JOISTS ARE AT 5'-0" o.c. MAX. (U.N.O.).
5. T.O.S. ELEVATIONS GIVEN ARE TO TOP OF BEAM OR PLATE.
6. TYPE F, 1 1/2" DEEP, 22 GAGE GALVANIZED STEEL DECK (1.5F22) BY VULCRRAFT OR APPROV. EQUIVALENT. (TYP. ROOF DECKING U.N.O.)
7. DESIGN SPECIAL JOISTS TO PROVIDE FOR 1000# MIN. ADPT. CONCENTRATED LOAD @ EA. HANGER AND EA. STRUT LOCATION OF BASKET BALL GOALS. COORD. EXACT LOCATIONS AND DETAILS WITH ARCHITECT.
8. PROVIDE TYPE BA, 1 1/2" DEEP 22 GAGE GALVANIZED ACoustICAL DECK (1.5BA22) BY VULCRRAFT OR APPROVED EQUIVALENT.
9. FABRICATED ROLLED L1STE1 BEAM. SEE DETAIL 1/57.4
10. ALL OPENINGS THROUGH THE ROOF NOT SHOWN ON THIS DRAWING. SEE DETAIL 8/58.4 FOR FRAMING AROUND THE OPENINGS. COORDINATE OPENING LOCATIONS WITH OTHER DISCIPLINES.

LEGEND:

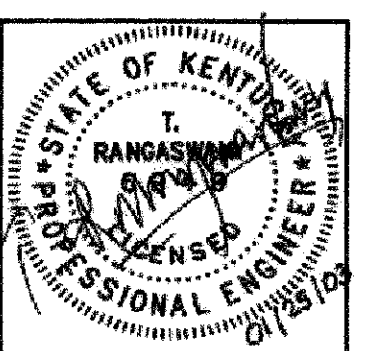
- = LOAD BEARING CMU WALL AND/OR EXTERIOR CMU WALL (WALL EXTENDS TO FLOOR OR ROOF ABOVE.)
- = ADDITIONAL VERTICAL CMU REINF. REQUIRED. (SEE TYP. DETAIL - 1/58.2)
- = CMU WALL BELOW.
- = STANDARD S.J.I. BRIDGING
- = INDICATES BOTTOM CHORD EXTENSION

KEY NOTES:

- J.B.E. 807'-2" : PROVIDE 9 1/2" DEEP JOIST SEATS
- J.B.E. 809'-2" : PROVIDE 7 1/2" DEEP JOIST SEATS
- J.B.E. 809'-10" : PROVIDE 8 1/2" DEEP JOIST SEATS
- J.B.E. 810'-6" : PROVIDE 5 1/2" DEEP JOIST SEATS
- J.B.E. 809'-10" : PROVIDE 5" DEEP JOIST SEATS
- STD. BRDG. PER S.J.I. (TYP.)
- STD. "X" BRDG. PER S.J.I. (TYP.)
- L3 1/2 x 3 1/2 x 1/2" HORIZ. TRUSS AT UNDERSIDE OF JOIST - LOCATE AT JOIST & BRDG. LINES AS INDICATED. CONNECT HORIZ. TRUSS ANGLE TO EACH JOIST.
- L2 1/2 x 2 1/2 x 1/2" BRDG. TOP AND BOT. - SEE TYPICAL DETAIL (TYP.)
- L2 1/2 x 2 1/2 x 1/2" "X" BRDG. - END (2) BAYS (TYP.)

FOR REFERENCE ONLY

G. SCOTT & ASSOCIATES, ARCHITECTS
 116 WEST MAIN STREET, FRANKFORT, KENTUCKY 40601
 502-875-2290 E-MAIL: GRSARCH@AOL.COM FAX: 502-875-1307

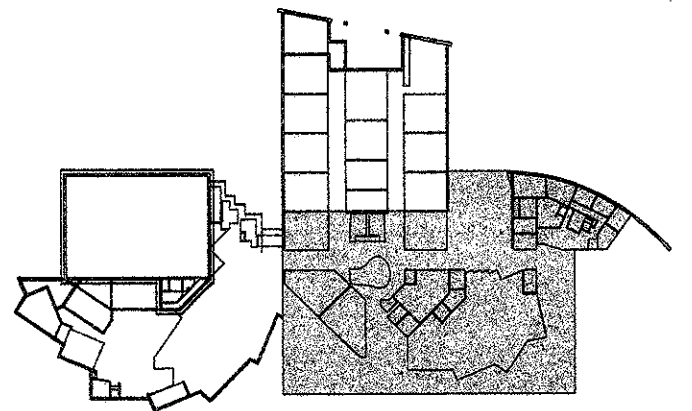


ALLEN COUNTY INTERMEDIATE SCHOOL
 ALLEN COUNTY BOARD OF EDUCATION
 SCOTTSVILLE, KENTUCKY

PARTIAL ROOF FRAMING PLAN
RANGASWAMY & ASSOCIATES, INC.
 CONSULTING ENGINEERS ARCHITECTS
 SUITE 420, UNIVERSITY BUILDING
 LOUISVILLE, KENTUCKY 40202
 PHONE: 502-569-2212 FAX: 502-589-2240
 WWW.RANGASWAMY.COM

DATE: JAN 2003

DRAWING: S6.1 21 OF 130



KEY PLAN
NOT TO SCALE

- KEYED CONSTRUCTION NOTES**
1. PROVIDE UTILITY SHELVING UNITS IN DESIGNATED LOCATIONS BY SIZE SHOWN - TYPE 'A' SHALL BE STEEL WIRE SHELVING, TYPE 'B' SHALL BE HEAVY DUTY BULK RACK STORAGE.
 - (LOCATION x QUANTITY x TYPE x W x D x H x SHELF QUANTITY)
 - 119 CLOSET 1 - A x 60 x 24 x 12 x 5 SHELVES
 - 120 RECORDS 2 - A x 60 x 24 x 12 x 5 SHELVES
 - 203 AV. STORAGE 3 - A x 48 x 24 x 12 x 5 SHELVES
 - 201 STORAGE 3 - A x 60 x 24 x 12 x 6 SHELVES
 - 208 MDF 1 - A x 36 x 18 x 12 x 6 SHELVES
 - 306 STOR 3 - B x 60 x 24 x 12 x 4 SHELVES
 - 2 - B x 48 x 24 x 12 x 4 SHELVES
 - 309 STOR 5 - A x 48 x 24 x 12 x 4 SHELVES
 - 311 ALCOVE 1 - A x 48 x 24 x 12 x 5 SHELVES
 - 32 STOR 1 - A x 48 x 24 x 12 x 5 SHELVES
 - A x 60 x 24 x 12 x 5 SHELVES
 - 316 STOR 1 - B x 48 x 24 x 12 x 4 SHELVES
 - 321 MECH 1 - B x 60 x 24 x 12 x 4 SHELVES
 - 409 STAFF 5 - A x 60 x 24 x 12 x 5 SHELVES
 - 5 - A x 48 x 24 x 12 x 5 SHELVES
 - 504A STOR 3 - B x 48 x 24 x 12 x 5 SHELVES
 - 516 DP 1 - A x 60 x 24 x 12 x 5 SHELVES
 - 510 STAFF 8 - A x 60 x 24 x 12 x 5 SHELVES
 - 7 - A x 48 x 24 x 12 x 5 SHELVES
 - 522 STOR 6 - B x 48 x 24 x 12 x 4 SHELVES
 - 4 - B x 60 x 24 x 12 x 4 SHELVES
 - 524A JAN 1 - B x 48 x 24 x 12 x 5 SHELVES
 - 1 - B x 36 x 24 x 12 x 5 SHELVES
 - 608 STAFF 18 - A x 60 x 24 x 12 x 5 SHELVES

2. PROVIDE FLAG LAM ON 3/4" PLY WD x 10" W COAT ROD
3. INSTALL PERFORATED CORRUGATED METAL PANEL ON METAL STUDS FROM TOP OF CABINETS (7" AFF) TO BOTTOM OF JOISTS. PROVIDE SOUND BATT INSUL. CONT. BLANKET BEHIND PANELS.
4. INSTALL PERFORATED CORRUGATED METAL PANEL ON 1x METAL FURRING ON MASONRY WALL AND METAL STUD WALL ABOVE. EXTEND FROM FLOOR TO BOTTOM OF JOISTS. (PROVIDE SOUND BATT BLANKET, CONT. BEHIND PANELS.)
5. EXTEND WALL FROM TOP OF MASONRY TO UNDERSIDE OF DECK W/ 3/8" MTL STUDS 3/4" GYP BD ONE SIDE (OUTSIDE HIGH SPACES PREFERRED) W/ 3/8" FIBERGLASS BATTS.
6. EXTEND WALL FROM TOP OF MASONRY TO UNDERSIDE OF DECK W/ 3/8" MTL STUDS 3/4" GYP BD EA. SIDE.
7. PROVIDE 1/2" CLOSURE PLATE FROM STRAIGHT CHANNEL TO WALL.
8. RECESS FLOOR SLAB UNDER COOLER 4 FEET 4"
9. PLATFORM RISERS 1" RISE, 3/4" PLY WD (FIRE TREATED) ON 2x FRAMING W/ CARPET COVER.
10. INSTALL MOTORIZED DIVIDER CURTAIN ALONG GYM FLOOR • MID COURT, SUSPENDED FROM BOTTOM OF JOISTS, EXTEND TO WITHIN 3' OF EA. END.
11. PROVIDE 1 1/2" ALUM. HANDRAIL • 32" ABOVE FLOOR, EXTEND 12" HORIZ. • END LANDING 4 RETURN TO WALL. SUPPORT ON BRACKETS MAX 5' SPACING.
12. RECESS FLOOR SLAB 1/2" • EDGE OF SHOWER 4 SLOPE TO DRAIN.
13. MOTORIZED PROJECTION-ALTERNATE.
14. LIMIT OF TERRAZZO-ALTERNATE.
15. ACCESS STAIR 1 1/2"x1" PREFAB STAIR TREADS ON 2x6 CHANNEL STRINGER DR • 11/8"x121 46"4" NOSE. INCLUDE 1/4" STD STL PIPE RAIL W/ SUPPORTS • 5'-0"
16. 4"x8" CONC. PAD.
17. DOCK SIDE GUARD • 42" 1 1/4" ID GALV. STD STL PIPE W/ 1/2"x1/2" STL BALLUSTERS • 4". PROVIDE 1 1/2" EYE BOLT FOR CHAIN • DOCK.
18. PROVIDE 2-2x6 PRESSURE TREATED FOR MOISTURE RESISTANCE, ANCHORED TO CONC. WALL W/ 3/4"x12" ANCHOR BOLTS, COUNTERSINK NUTS W/ WASHERS, STAGGERED • 24" TOP 4 BOTTOM, 4 6" FROM EACH END.
19. PROVIDE GUARDRAIL, OPEN SIDE EA. STAIR • 42" ABOVE NOSING. EXTEND 12" HORIZ. • TOP. EXTEND 1 TREAD WIDTH ON SLOPE • BOTTOM PLUS 12" HORIZ. FABRICATE FROM 1 1/4" ID. GALV. STD STL PIPE W/ 1/2"x1/2" STL BALLUSTERS • 4". PROVIDE VERTICAL SUPPORT POST • TOP AND BOTTOM W/ INTERMEDIATE POSTS • MAX 5' SPACING. SET POSTS IN SLEEVE IN CONC. 4 COAT W/ ASPHALT PAINT FROM 1/4" ABOVE GRADE TO BELOW GRADE 4 SET W/ NONSHRINK GROUT. PROVIDE HANDRAIL EA. SIDE OF STAIR • 34" ABOVE NOSING EXTEND 12" HORIZ. • TOP 4 RETURN TO GUARDRAIL POST OR WALL. INCLUDE 1/4" EYE BOLT • TOP OF STAIR BY LOADING DOCK FOR CHAIN.
20. HANDRAIL • STAIR • 34" ABOVE NOSING. EXTEND • TOP 4 BOTTOM SAME AS ABOVE BUT RETURN TO WALL • TOP 4 BOTTOM.
21. 16" HIGH x 12" WIDE WALL. BRICK 1/2 W/ SOLID 4" CMU CAP.
22. RECESS SLAB 1/2" • EDGE OF SHOWER SLOPE 1" TO DRAIN. INSTALL MARBLE THRESHOLD. EXTEND CERAMIC TILE UP WALLS OF SHOWER TO CLG.
23. PROVIDE ROOF ACCESS LADDER ANCHOR TO CMU WALL. EXTEND RAILS TO UNDERSIDE OF ROOF HATCH DOOR (WITHIN 1').

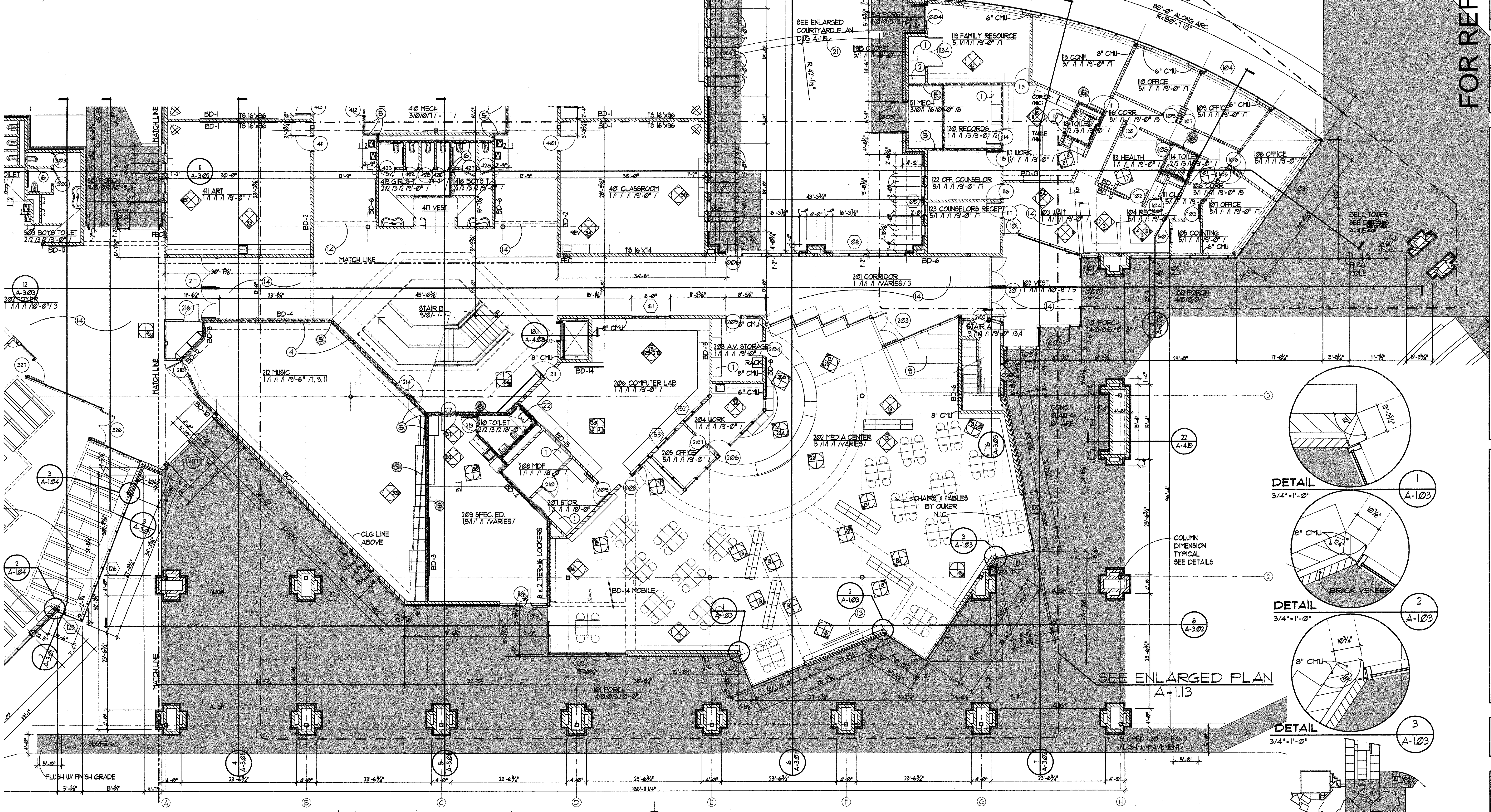
ROOM FINISH SCHEDULE

FLOOR	BASE	WALLS	CEILING
0	NONE	NONE	NONE
1	V.C.T.	8" PAINT EPOXY	1 PAINT LOW GLOSS
2	CERAMIC TILE	2 CERAMIC TILE	2 PAINT HIGH GLOSS
3	HARDENED CONCRETE	3 QUARRY TILE	3 PAINT EPOXY
4	BROOM FINISH CONCRETE	4 TERRAZZO	4 BLOCK FILL ONLY
5	CARPET		5 PAINTED EXPOSED STRUCTURE
6	QUARRY TILE		6 PREFINISHED METAL
7	QUARRY OR CERAMIC TILE		7 PAINTED RESISTANT GYP BOARD
8	RESILIENT SHEET		8 EXPOSED STRUCTURE
9	RESILIENT TREADS		
10	TERRAZZO		

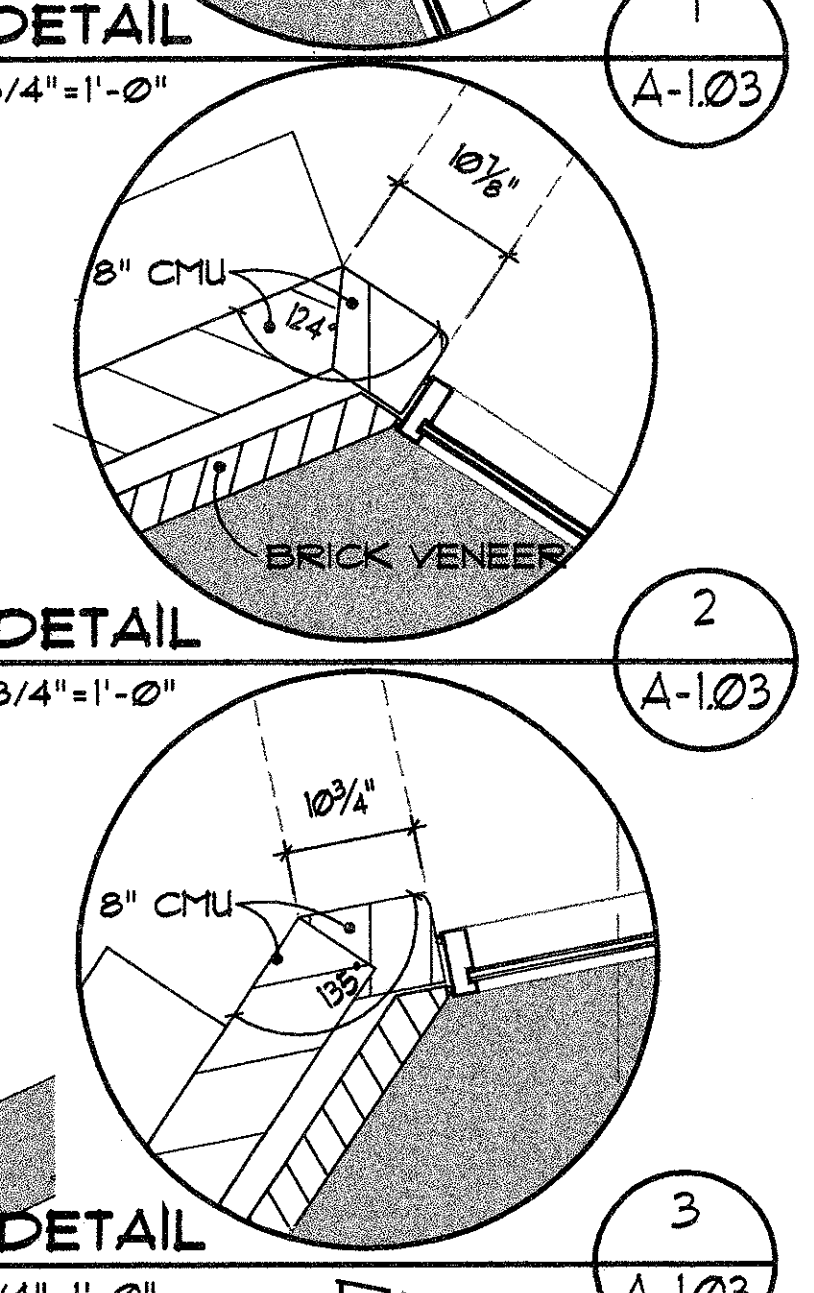
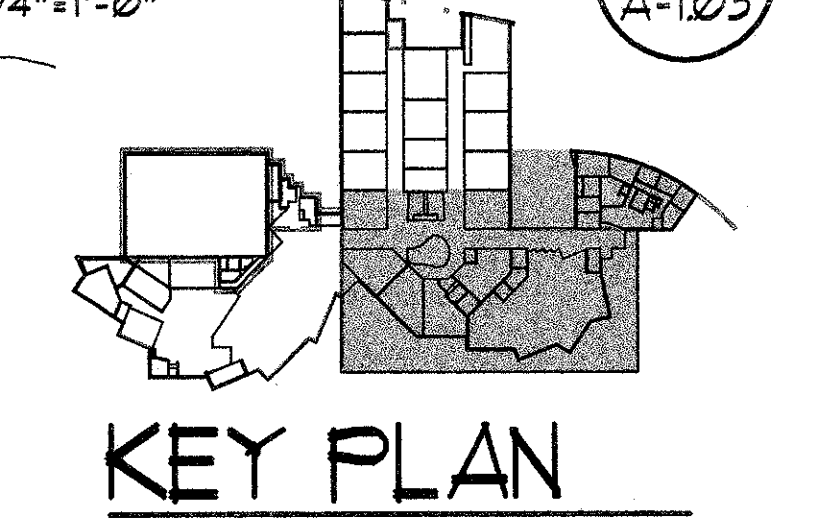
- ROOM FINISH SCHEDULE NOTES**
1. CEILING • 8'-0" ABOVE TOP LANDING.
 2. 1 LAYER 5/8" FIRE-RATED GYP BD EA. SIDE OF 3/4" METAL STUD • 16" OC. FIRE RATED CLG. LIN. ASSEMBLY U42
 3. SEE REFLECTED CEILING PLAN FOR CEILING AND OR SOFIT HEIGHT.
 4. V.C.T. • LANDING.
 5. MANICOTE EPOXY • 5'.
 6. STAIN CONC. SURFACE.
 7. PROVIDE SOUND BATT INSUL. ABOVE CEILING.
 8. EXTEND 3/4" METAL STUD TO DECK LANDING 4 RETURN TO WALL. SUPPORT ON BRACKETS MAX 5' SPACING. 1/2" RATED W/ 5/8" GYP BD EA. SIDE.
 9. PAINT JOIST 2" OFF WALL (BLACK).
 10. PROVIDE ACoustICAL METAL DECK/ INSULATION STRIPS AT FLOOR OR ROOF SURFACE ABOVE THIS ROOM.
 11. INSULATION ON UNDERSIDE OF FLOOR DECK ABOVE THIS AREA. OVERSPRAY ON JOIST TOP CHORD IS ACCEPTABLE.

- GENERAL FINISH SCHEDULE REMARKS**
1. VINYL BASE TO BE INSTALLED AT ALL CABINETS.
 2. LIMITS OF FLOOR FINISH INDICATED • JUNCTION OF CHANGE IN MATERIALS (16 1/4" X 16 1/4" SET QUARRY TILE)
 3. PROVIDE SEALANT JOINT AT PERIM. OF ALL INTERIOR FLOOR FINISHES.

- GENERAL NOTES**
1. ALL EXTERIOR/PERIMETER WALLS SHALL BE 8" CMU EXCEPT WHERE NOTED OTHERWISE.
 2. ALL INTERIOR LOADBEARING MASONRY WALLS TO BE 8" CMU EXCEPT WHERE NOTED OTHERWISE.
 3. ALL INTERIOR NON LOAD BEARING PARTITIONS SHALL BE 6" CMU EXCEPT WHERE NOTED OTHERWISE.
 4. TYP. CMU PARTITION HEIGHT • 9'-4" OR 1/2 COURSE MIN. ABOVE ADJACENT FINISH CLG.
 5. PROVIDE BULLNOSE CORNERS AT ALL 90° CORNERS WHERE EDGE/CORNER OF CMU IS EXPOSED.
 6. PROVIDE RESILIENT BASE AT ALL CASEWORK.
 7. EXTERIOR DIMENSIONS TAKEN AT FACE OF CONC. FDN.
 8. INSTALL WALL MOUNT TACKSTRIP. IDENTIFY AS LENGTH IN FEET x HEIGHT IN INCHES AFF. (IE: SINGLE-TS 16x16/2, MULTIPLE-TS 16x16/214)

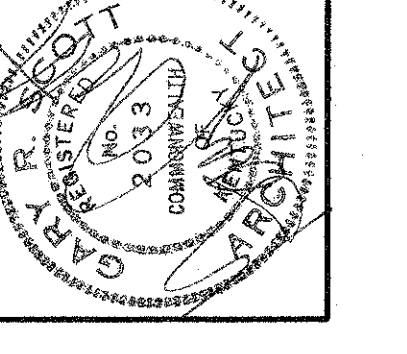


ADMINISTRATION & MEDIA PLAN
1/8" = 1'-0"



FOR REFERENCE ONLY

G. SCOTT & ASSOCIATES, ARCHITECTS
116 WEST MAIN STREET, FRANKFORT, KENTUCKY 40601
502-875-2290
mail@gscottarch.com
FAX 502-875-1307

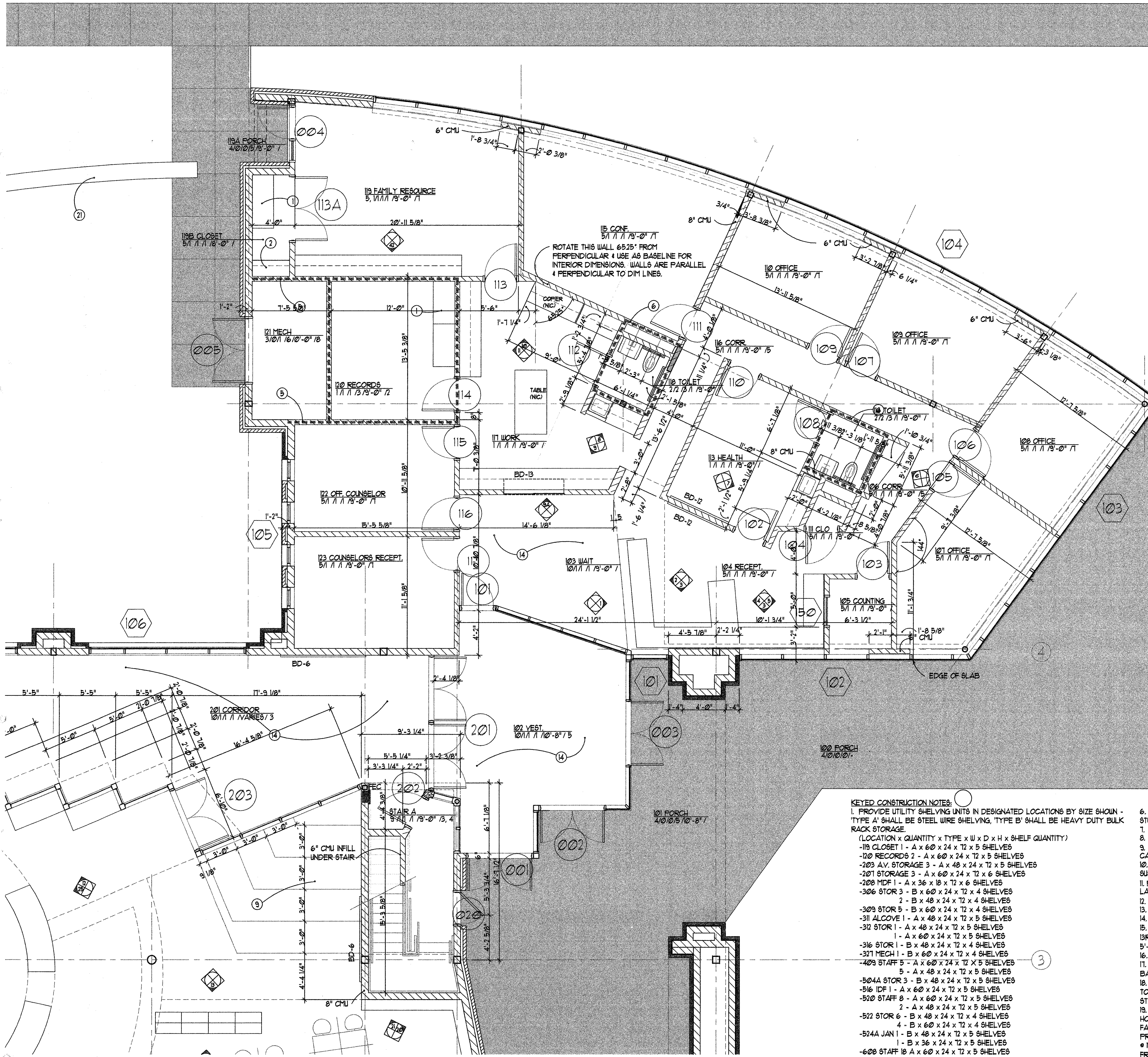


ALLEN COUNTY INTERMEDIATE SCHOOL
ALLEN COUNTY BOARD OF EDUCATION
SCOTTSDALE, KENTUCKY

FIRST FLOOR PLAN
ADMINISTRATION & MEDIA

DATE: JAN 03
JOB NO.: BC-102-256

DRAWING: **A-1.03**
34 OF 130



ROOM FINISH SCHEDULE			
FLOOR	BASE	WALLS	CEILING
1	V.C.T.	1. PAINT LOW GLOSS	1. ACOUSTICAL TILE
2	CERAMIC TILE	2. PAINT HIGH GLOSS	2. VINYL COATED GYP. BD.
3	HARDENED CONCRETE	3. PAINT EPOXY	3. WIRE RATED GYP. BOARD
4	BROOM FINISH CONCRETE	4. TERRAZZO	4. BLOCK FILL ONLY
5	CARPET		5. PREFINISHED METAL
6	QUARRY TILE		6. MOISTURE RESISTANT GYP. BOARD
7	QUARRY OR CERAMIC TILE		7. PRIMED EXPOSED STRUCTURE
8	RESILIENT SHEET		
9	RESILIENT TREADS		
10	TERRAZZO		

- ROOM FINISH SCHEDULE NOTES:**
- CEILING # 9'-0" ABOVE TOP LANDING.
 - LAYER #1 FRESCO GYP. BD. EA. SIDE OF 3/4" METAL STUD # 16" O.C.
 - SEE REFLECTED CEILING PLAN FOR CEILING AND OR SOFFIT HEIGHT.
 - V.C.T. # LANDING
 - WARRANTY EPOXY # 5'
 - STAIN CONC. SURFACE
 - PROVIDE SOUND BATT INSUL. ABOVE CEILING #1
 - EXTEND 3/4" METAL STUD TO DECK W/ 3/8" FRESCO GYP. BD. EA. SIDE. (HAR. RATED III, ASSEMBLY U-465 INTERIOR WALLS ONLY)
 - PAINT WALLS TO 1" AFF.
 - PAINT JOIST 1" OFF WALL (BLACK)
 - PROVIDE ACACIAL METAL DECK/ INSULATION STRIPS AT FLOOR OR ROOF SURFACE ABOVE THIS ROOM.
 - INSTALL 2" FIBER ON CELLULOSE INSULATION ON UNDERSIDE OF FLOOR DECK ABOVE THIS AREA. OVERSPRAY ON JOIST TOP CHORD IS ACCEPTABLE.

- GENERAL NOTES:**
- ALL EXTERIOR/PERIMETER WALLS SHALL BE 8" CMU EXCEPT WHERE NOTED OTHERWISE.
 - ALL INTERIOR LOADBEARING MASONRY WALLS TO BE 8" CMU EXCEPT WHERE NOTED OTHERWISE.
 - ALL INTERIOR NON LOAD BEARING PARTITIONS SHALL BE 6" CMU EXCEPT WHERE NOTED OTHERWISE.
 - TYP. CMU PARTITION HEIGHT # 9'-4" OR 1/2 COURSE MIN. ABOVE ADJACENT FINISH CLG.
 - PROVIDE BALLNOSE CORNERS AT ALL 90° CORNERS WHERE EDGE/CORNER OF CMU IS EXPOSED.
 - PROVIDE RESILIENT BASE AT ALL CASEWORK.
 - EXTERIOR DIMENSIONS TAKEN AT FACE OF CONC. FDN.
 - INSTALL WALL MOUNT TACKSTRIP. IDENTIFY AS LENGTH IN FEET X HEIGHT IN INCHES AFF. (IE: SINGLE-TS 16x60, MULTIPLE-TS 16x60@14")

- KEYED CONSTRUCTION NOTES:**
- PROVIDE UTILITY SHELVING UNITS IN DESIGNATED LOCATIONS BY SIZE SHOWN - TYPE 'A' SHALL BE STEEL WIRE SHELVING, TYPE 'B' SHALL BE HEAVY DUTY BULK RACK STORAGE. (LOCATION x QUANTITY x TYPE x W x D x H x SHELF QUANTITY)
 - 119 CLOSET 1 - A x 60 x 24 x 12 x 5 SHELVES
 - 120 RECORDS 2 - A x 60 x 24 x 12 x 5 SHELVES
 - 203 A.V. STORAGE 3 - A x 48 x 24 x 12 x 5 SHELVES
 - 201 STORAGE 3 - A x 60 x 24 x 12 x 6 SHELVES
 - 202 MDF 1 - A x 36 x 18 x 12 x 6 SHELVES
 - 306 STOR 3 - B x 60 x 24 x 12 x 4 SHELVES
 - 307 STOR 2 - B x 48 x 24 x 12 x 4 SHELVES
 - 309 STOR 5 - B x 60 x 24 x 12 x 4 SHELVES
 - 311 ALCOVE 1 - A x 48 x 24 x 12 x 5 SHELVES
 - 312 STOR 1 - A x 48 x 24 x 12 x 5 SHELVES
 - 316 STOR 1 - B x 48 x 24 x 12 x 4 SHELVES
 - 321 MECH 1 - B x 60 x 24 x 12 x 4 SHELVES
 - 429 STAFF 5 - A x 60 x 24 x 12 x 5 SHELVES
 - 504A STOR 3 - B x 48 x 24 x 12 x 5 SHELVES
 - 516 IDF 1 - A x 60 x 24 x 12 x 5 SHELVES
 - 520 STAFF 8 - A x 60 x 24 x 12 x 5 SHELVES
 - 2 - A x 48 x 24 x 12 x 5 SHELVES
 - 522 STOR 6 - B x 48 x 24 x 12 x 4 SHELVES
 - 4 - B x 60 x 24 x 12 x 4 SHELVES
 - 524A JAN 1 - B x 48 x 24 x 12 x 5 SHELVES
 - 1 - B x 36 x 24 x 12 x 5 SHELVES
 - 608 STAFF 18 A x 60 x 24 x 12 x 5 SHELVES
- PROVIDE FLAS LAM ON 3/4" FLY WD x 16" D W/ COAT ROD
 - INSTALL PERFORATED CORRUGATED METAL PANEL ON METAL STUDS FROM TOP OF CABINETS (1" AFF.) TO BOTTOM OF JOISTS. PROVIDE SOUND BATT INSUL. CONT. BLANKET BEHIND PANELS.
 - INSTALL PERFORATED CORRUGATED METAL PANEL ON IX METAL STUDS FROM MASONRY WALL AND METAL STUD WALL ABOVE. EXTEND FROM FLOOR TO BOTTOM OF JOISTS. (PROVIDE SOUND BATT BLANKET, CONT. BEHIND PANELS.)
 - EXTEND WALL FROM TOP OF MASONRY TO UNDERSIDE OF DECK W/ 3/8" MTL STUDS, 3/8" GYP. BD. ONE SIDE (OUTSIDE MECH SPACES PREFERRED) W/ 3/8" MTL STUDS, 3/8" GYP. BD. OTHER SIDE (WITHIN 1").

- EXTEND WALL FROM TOP OF MASONRY TO UNDERSIDE OF DECK W/ 3/8" MTL STUDS & 3/8" GYP. BD. EA. SIDE.
- RECESS FLOOR SLAB UNDER COOLER & FREEZER 4"
- PLATFORM RISERS 1" RISE. 3/4" FLY WD (FIRE TREATED) ON 2X FRAMING W/ CARPET COVER
- INSTALL MOTORIZED DIVIDER CURTAIN ALONG GYM FLOOR & MID COURT, SUSPENDED FROM BOTTOM OF JOISTS, EXTEND TO WITHIN 3" OF EA. END.
- PROVIDE 1 1/2" ALUM. HANDRAIL # 32" ABOVE FLOOR, EXTEND 12" HORIZ. & END LANDINGS & RETURN TO WALL. SUPPORT ON BRACKETS MAX 5" SPACING.
- RECESS FLOOR SLAB 3/4" EDGE OF SHOULDER & SLOPE TO DRAIN.
- MOTORIZED PROJECTION SCREEN, RECESSED.
- LIMIT OF TERRAZZO-ALTERNATE.
- ACCESS STAIR 1 1/2" x 1" PREFAB STAIR TREADS ON 2x6 CHANNEL STRINGER. IJR # 11693"x121" #6"4" NOSE. INCLUDE 1/4" STD. 9TL. PIPE RAIL W/ SUPPORTS # 5'-0".
- 4'x5' CONC. PAD.
- DOCK SIDE GUARD # 42", 1 1/4" ID. GALV. STD. 5TL PIPE W/ 1/2"x12" STL BALLUSTERS # 4". PROVIDE 1 1/2" EYE BOLT FOR CHAIN & DOCK.
- PROVIDE 2-x10 PRESSURE TREATED FOR MOISTURE RESISTANCE, ANCHORED TO CONC. WALL W/ 3/4"x12" ANCHOR BOLTS, COUNTERSINK NUTS W/ WASHERS, STAGGERED # 24" TOP & BOTTOM, # 6" FROM EACH END.
- PROVIDE GUARDRAIL OPEN SIDE EA. STAIR # 42" ABOVE NOSING, EXTEND 12" HORIZ. & TOP. EXTEND 1" TREAD WIDTH ON SLOPE & BOTTOM PLUS 3/8" HORIZ. FABRICATE FROM 1 1/4" ID. GALV. STD. PIPE W/ 1/2"x12" STL. BALLUSTERS # 4". PROVIDE VERTICAL SUPPORT POST # TOP AND BOTTOM W/ INTERMEDIATE POSTS # MAX 5' SPACING. SET POSTS IN SLEEVE IN CONC. & COAT W/ ASPHALT PAINT FROM 1/2" ABOVE GRADE TO BELOW GRADE & SET W/ NONSHRINK GROUT. PROVIDE HANDRAIL EA. SIDE OF STAIR # 34" ABOVE NOSING, EXTEND 12" HORIZ. & TOP & RETURN TO GUARDRAIL POST OR WALL. INCLUDE 1 1/2" EYE BOLT # TOP OF STAIR BY LOADING DOCK, FOR CHAIN.
- HANDRAIL # STAIR # 34" ABOVE NOSING. EXTEND # TOP & BOTTOM SAME AS ABOVE BUT RETURN TO WALL # TOP & BOTTOM.
- 16" HIGH x 12" WIDE WALL. BRICK # W/ SOLID 4" CMU CAP.
- RECESS SLAB 1/2" EDGE OF SHOULDER 1" TO DRAIN. INSTALL MARBLE THRESHOLD. EXTEND CERAMIC TILE UP WALLS OF SHOULDER TO CLG.
- PROVIDE ROOF ACCESS LADDER ANCHOR TO CMU WALL. EXTEND RAILS TO UNDERSIDE OF ROOF HATCH DOOR (WITHIN 1").

ADMINISTRATION PLAN
1/4" = 1'-0"
NORTH

KEY PLAN
NTS

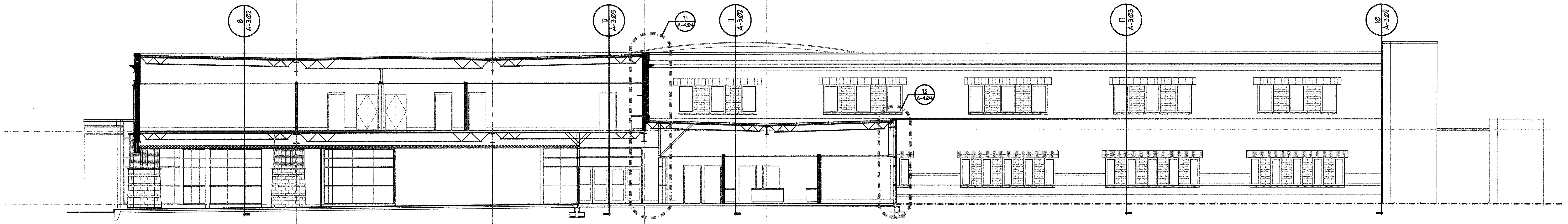
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ALLEN COUNTY
INTERMEDIATE SCHOOL
ALLEN COUNTY BOARD OF EDUCATION
SCOTTSTVILLE, KENTUCKY

ADMINISTRATION PLAN

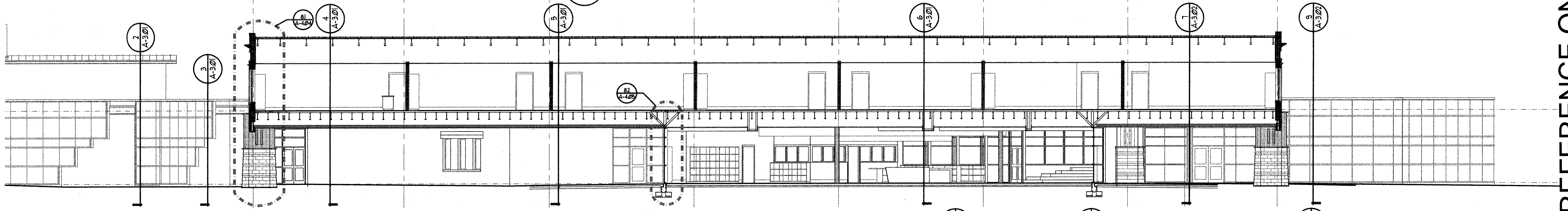
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A-1.10
40 OF 130

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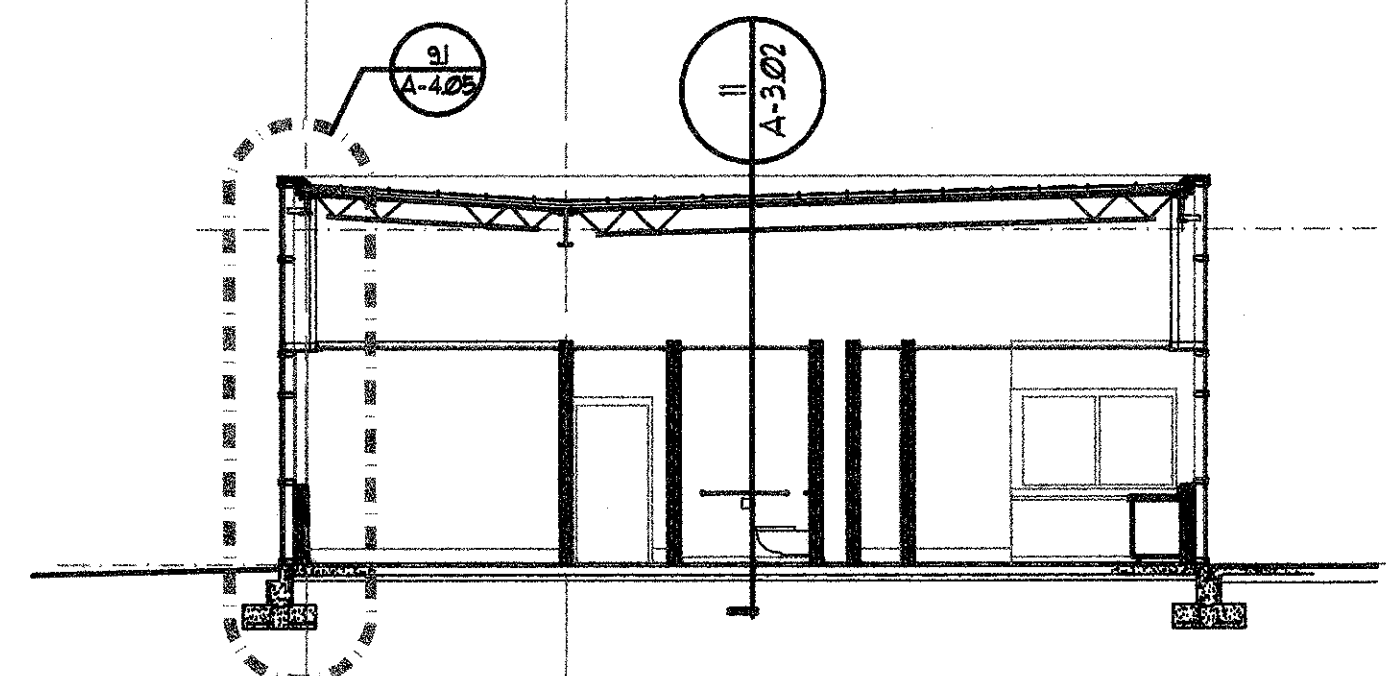
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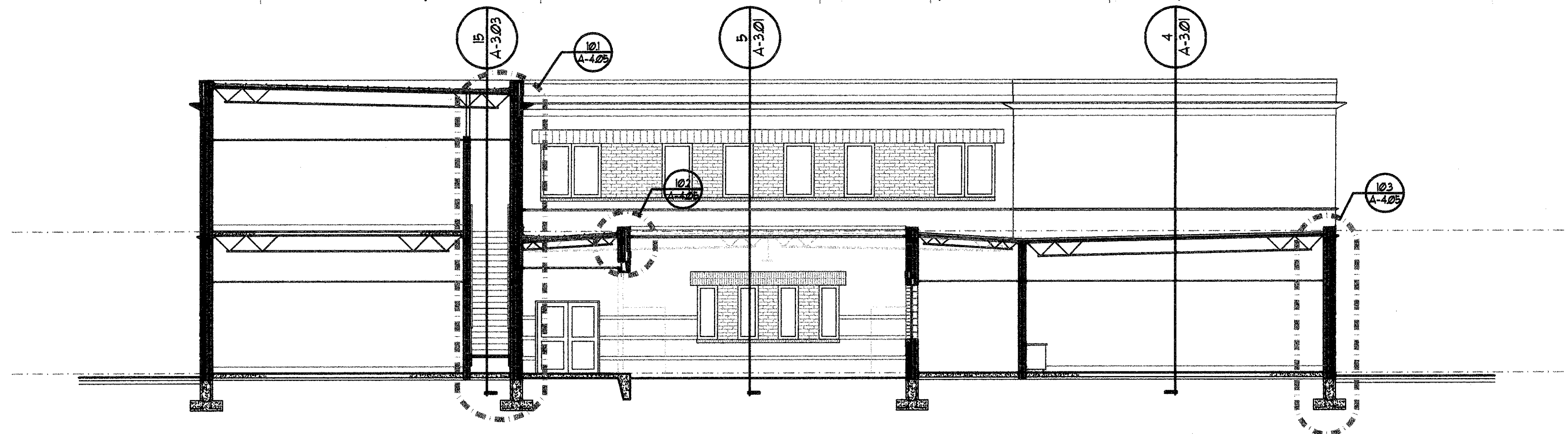
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1/8" = 1'-0"



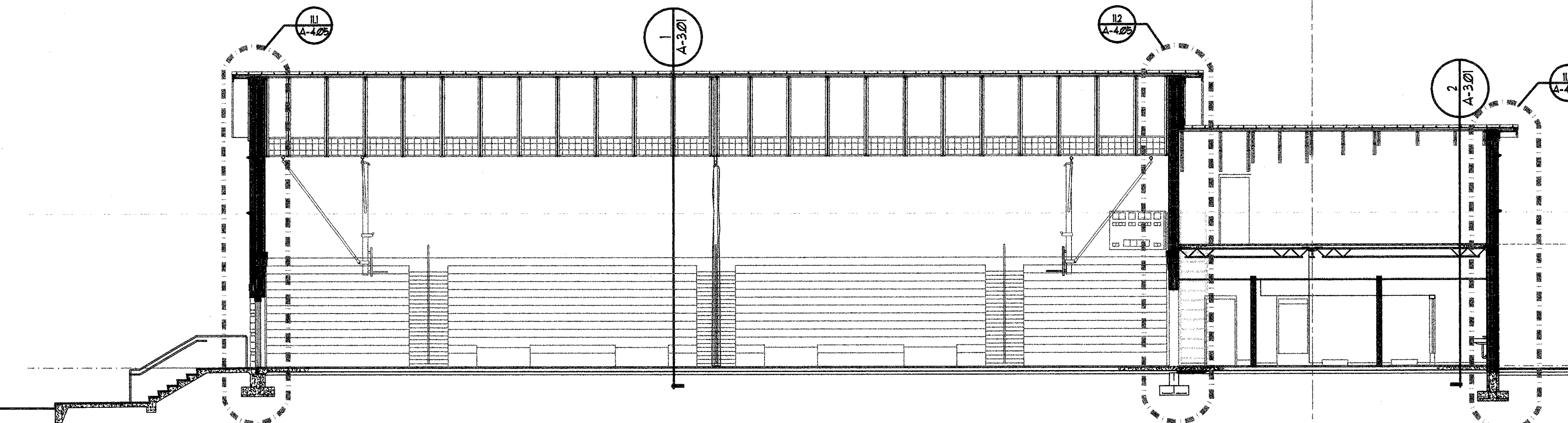
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1/8" = 1'-0"



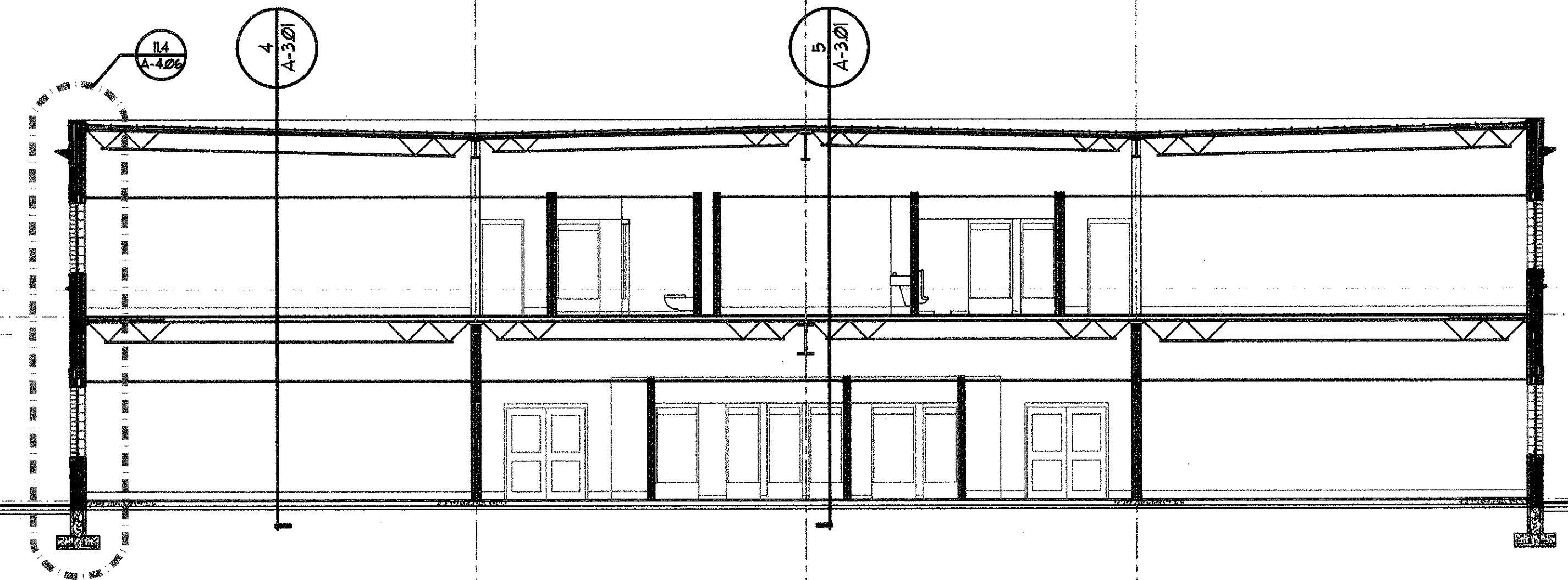
BUILDING SECTION

1/8" = 1'-0"



BUILDING SECTION

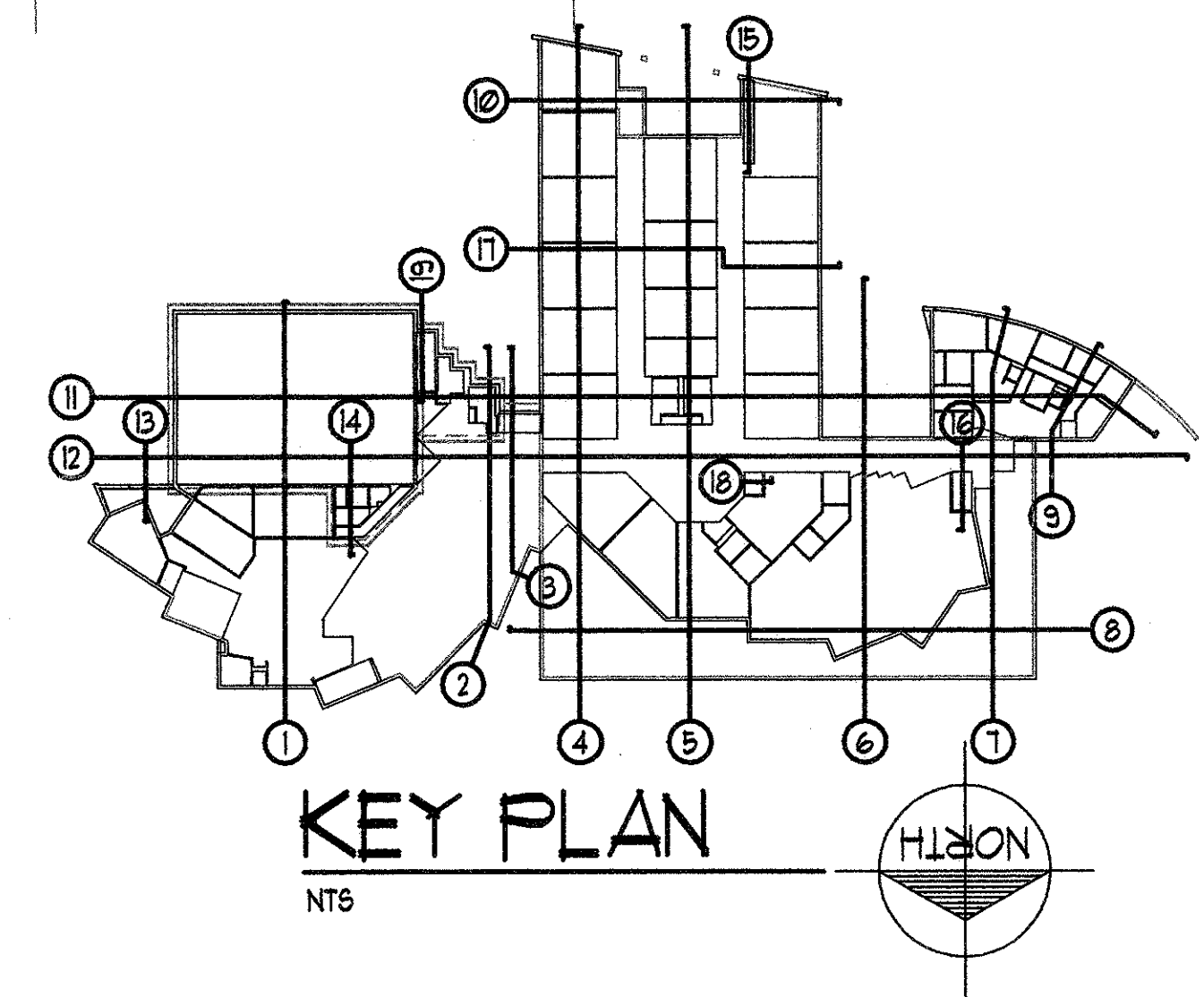
1/8" = 1'-0"



BUILDING SECTION

1/8" = 1'-0"

11 CONT.

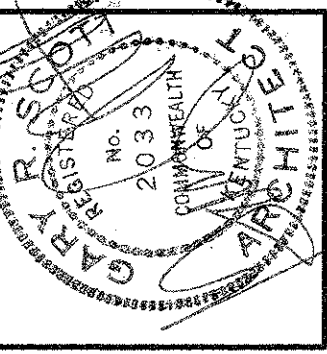


KEY PLAN

NT6

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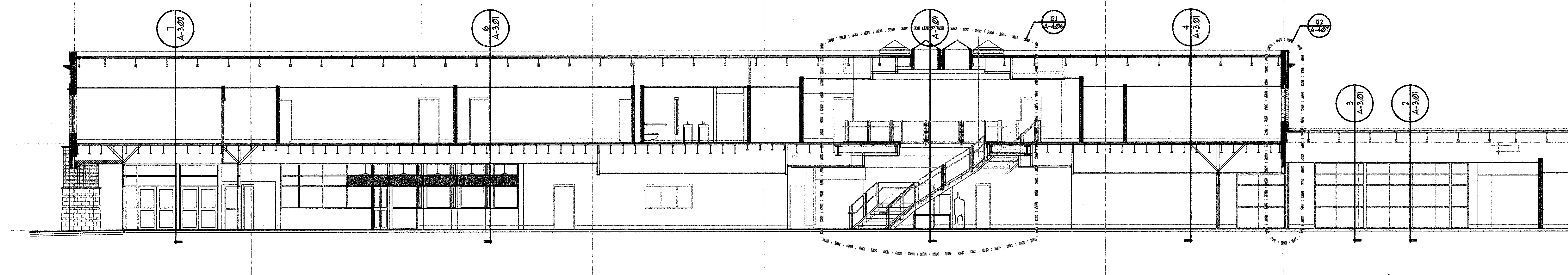
ALLEN COUNTY
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 SCOTTSVILLE, KENTUCKY

BUILDING SECTIONS

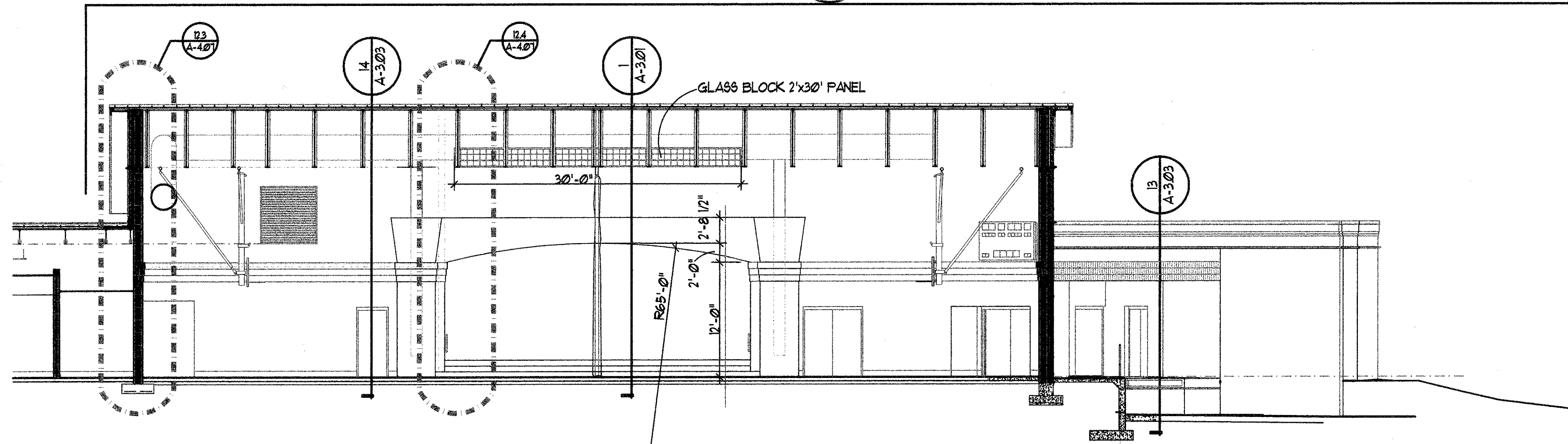
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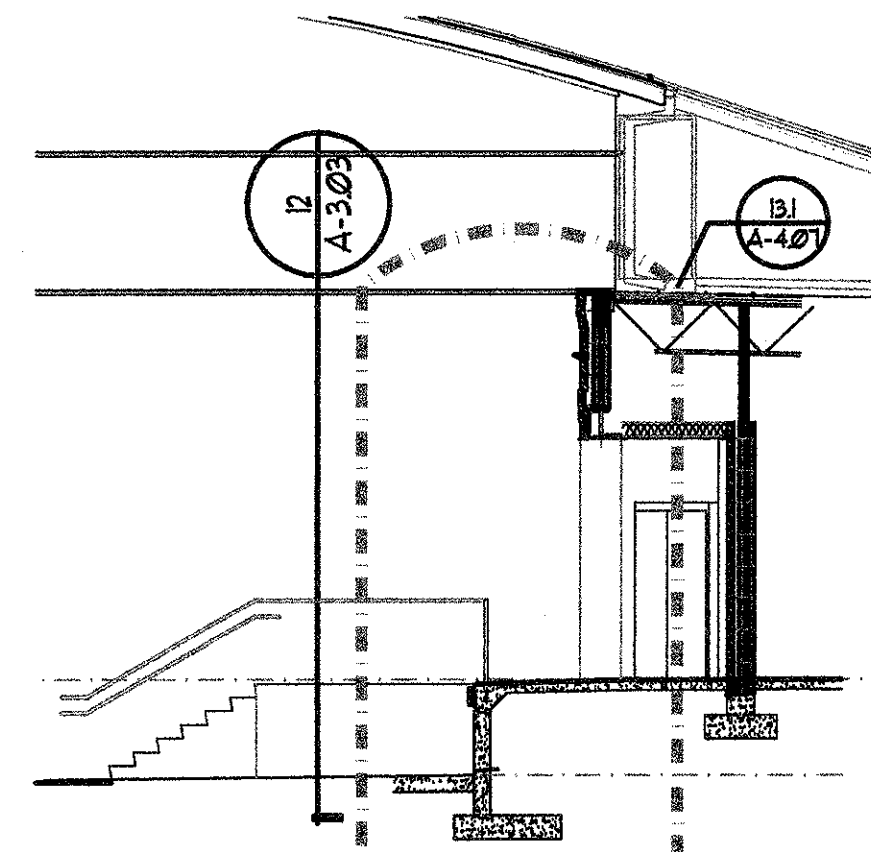
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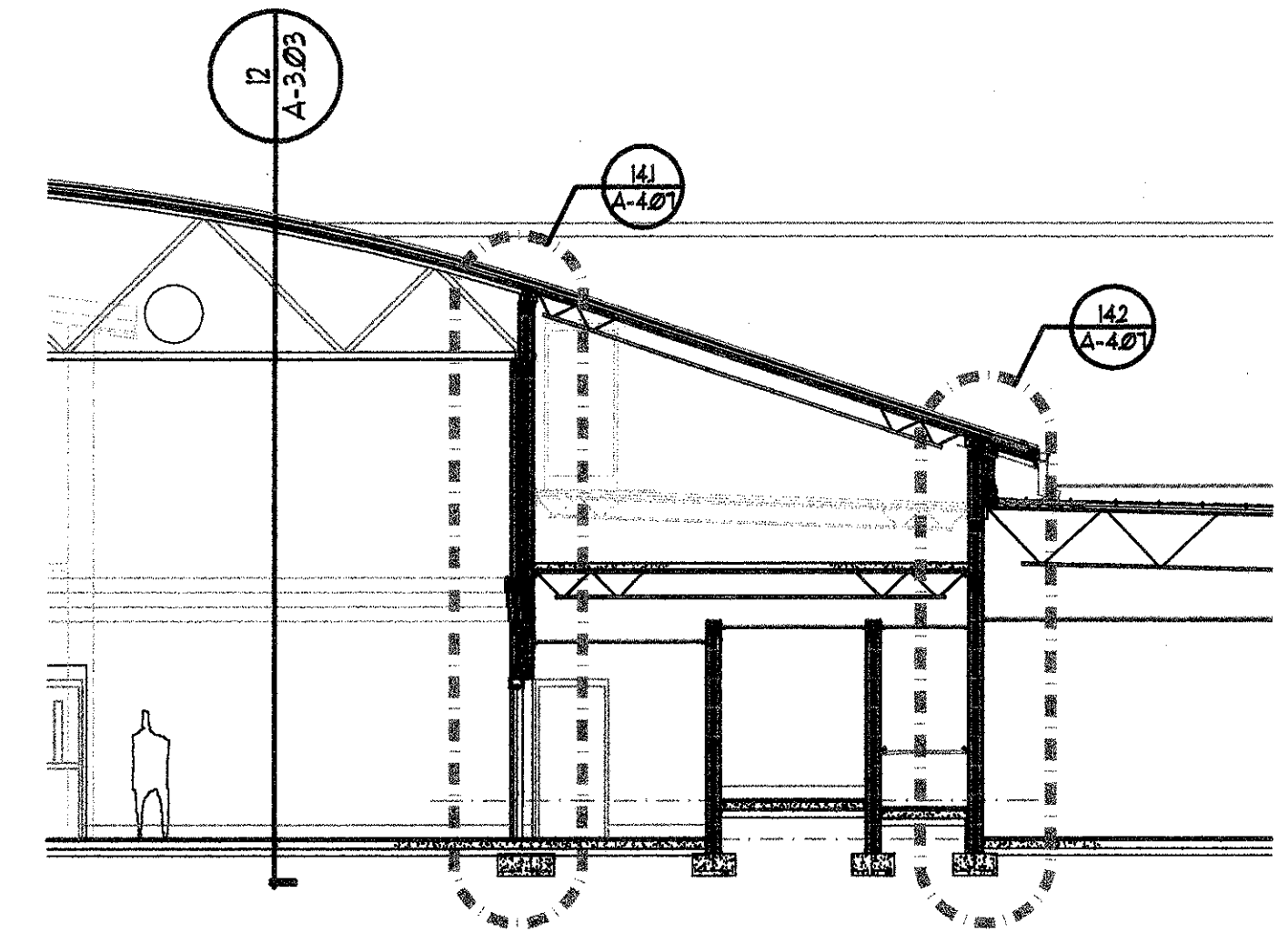
BUILDING SECTION 12
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A-3.03



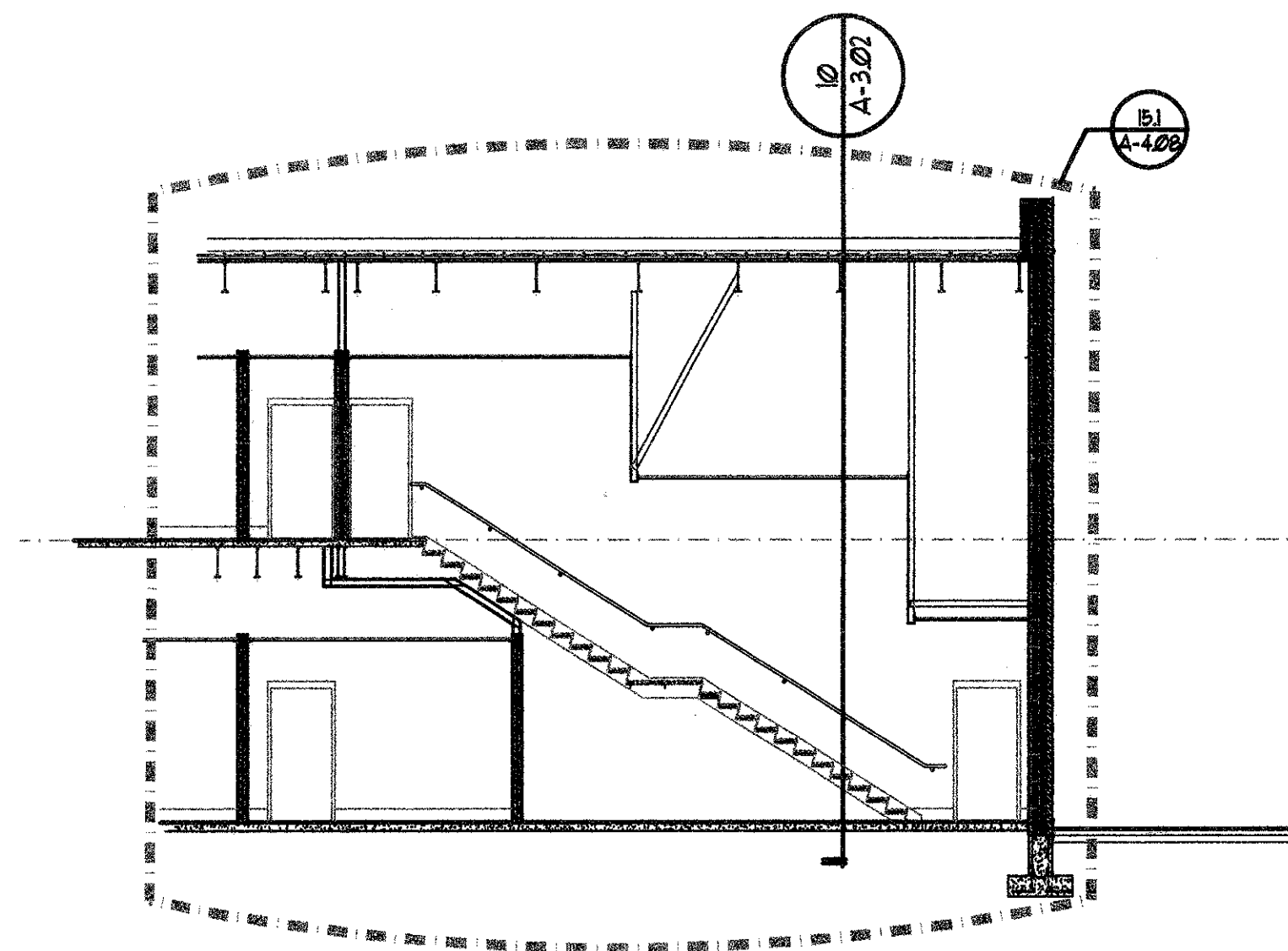
BUILDING SECTION 12 CONT.
1/8" = 1'-0"
A-3.03



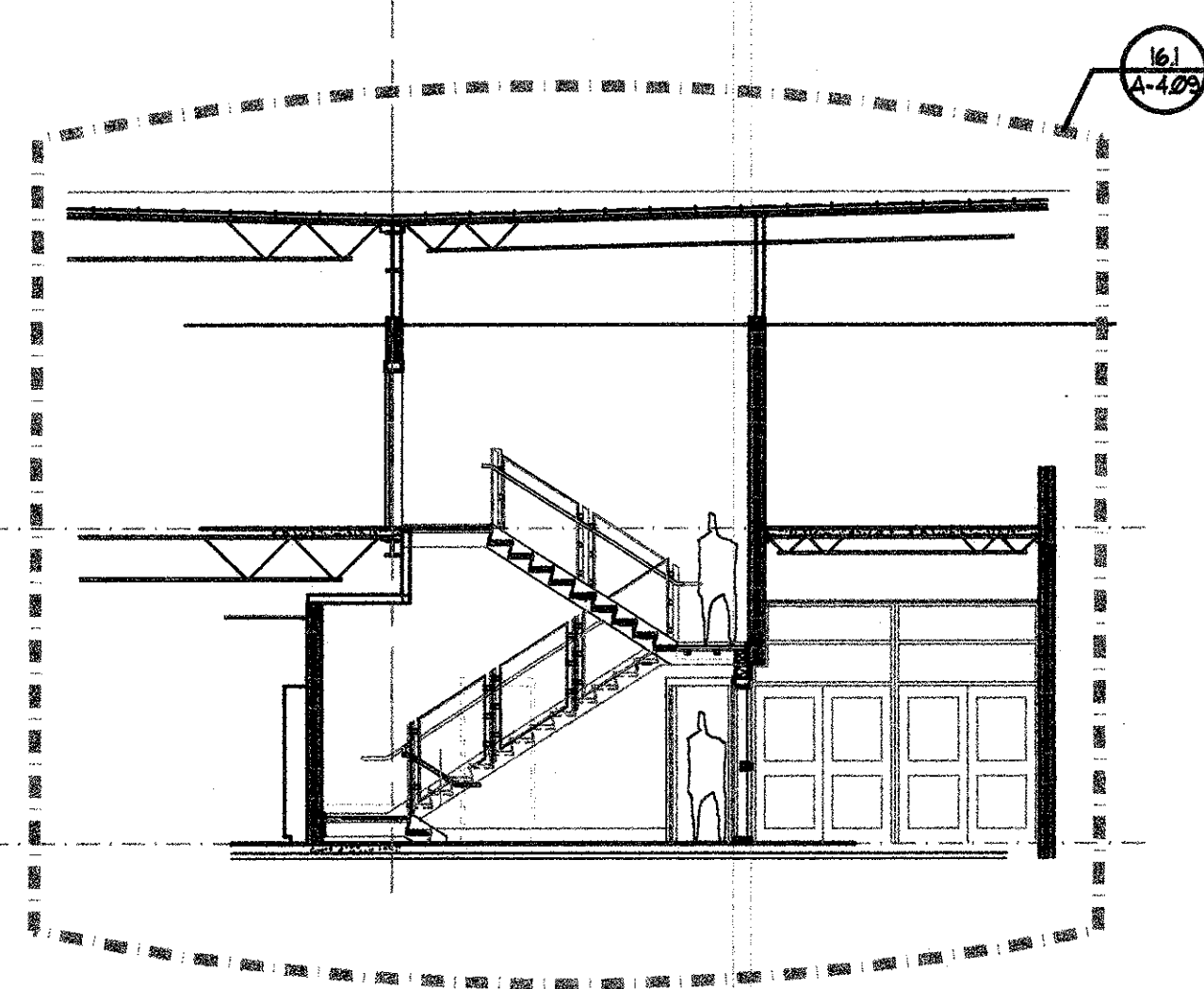
BUILDING SECTION 13
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A-3.03



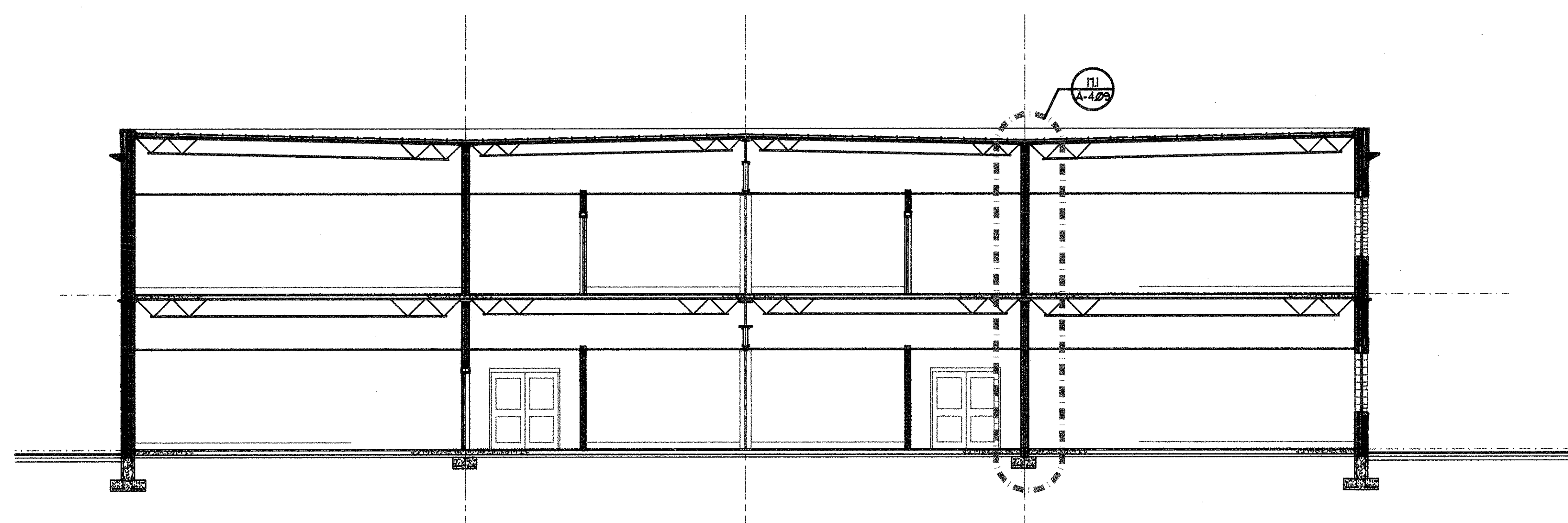
BUILDING SECTION 14
1/8" = 1'-0"
A-3.03



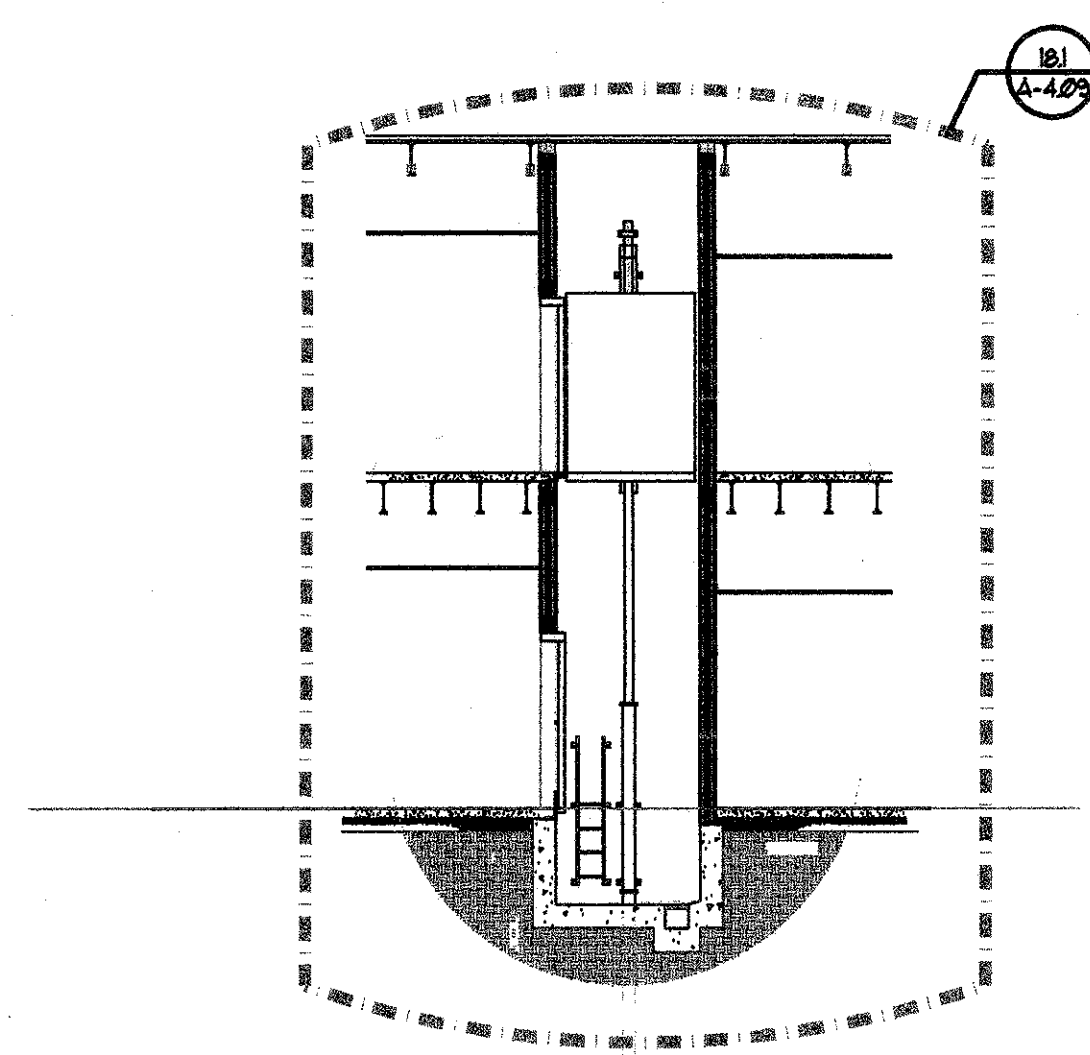
STAIR SECTION 15
1/8" = 1'-0"
A-3.03



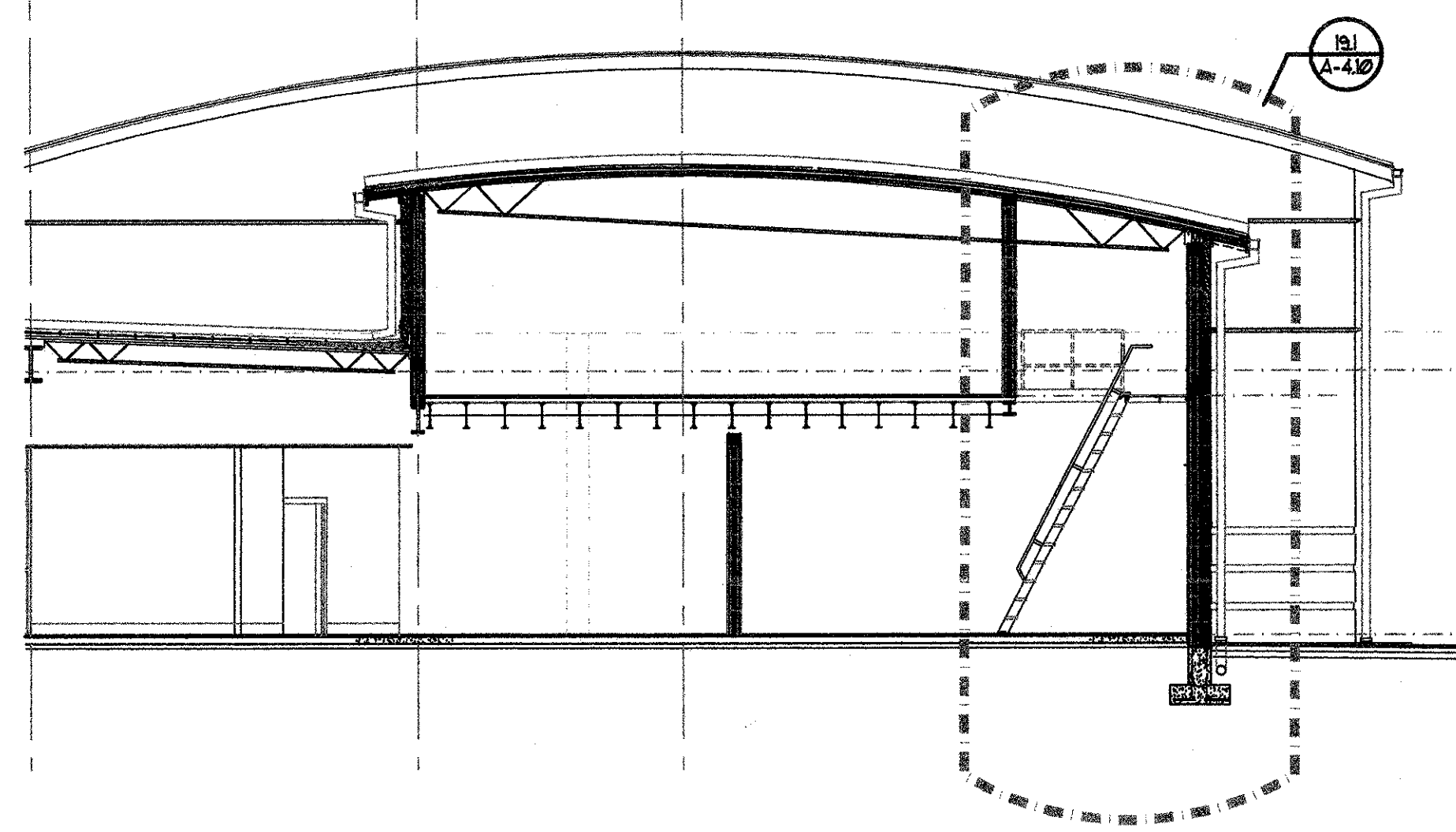
STAIR SECTION 16
1/8" = 1'-0"
A-3.03



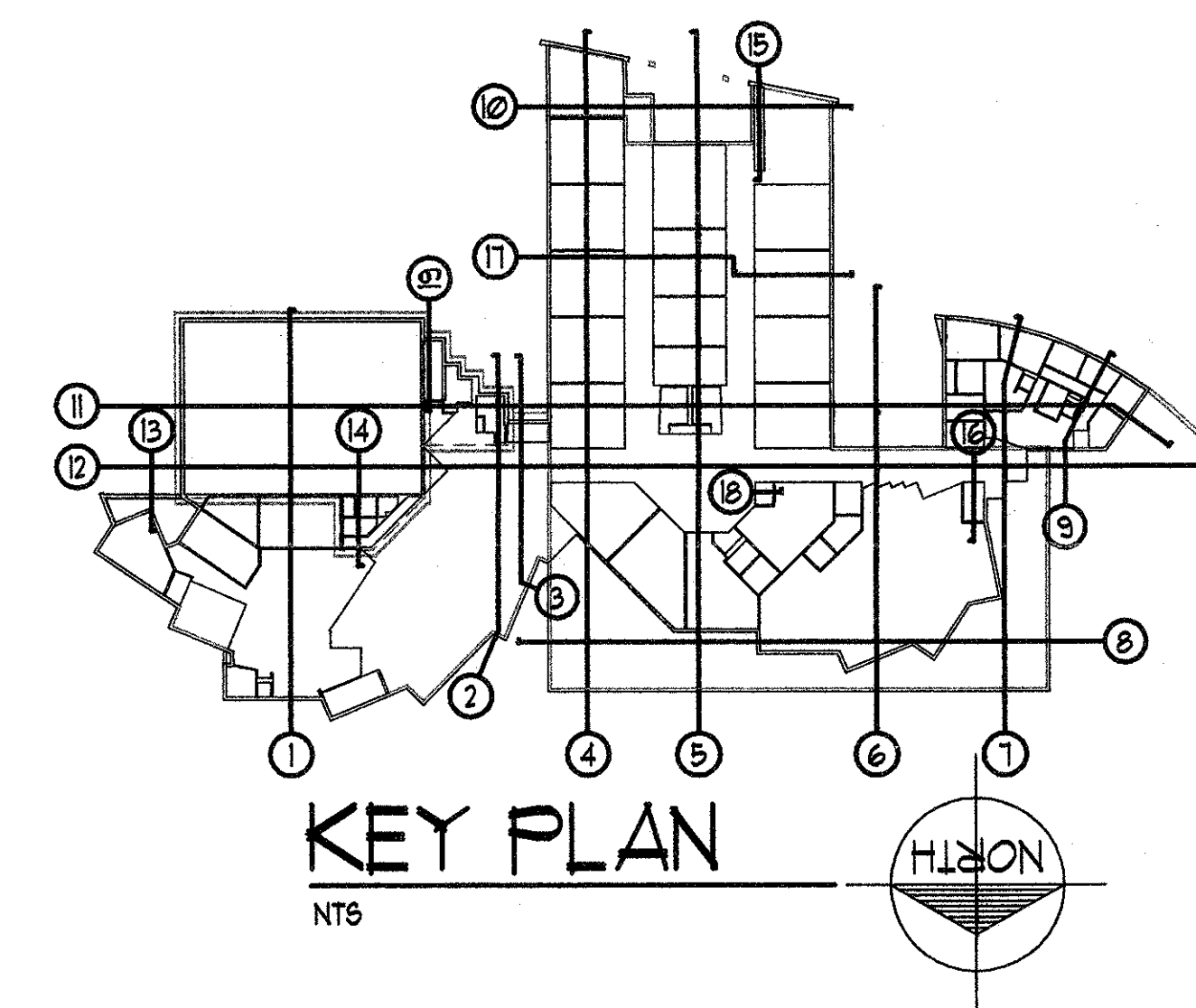
STAIR SECTION 17
1/8" = 1'-0"
A-3.03



STAIR SECTION 18
1/8" = 1'-0"
A-3.03

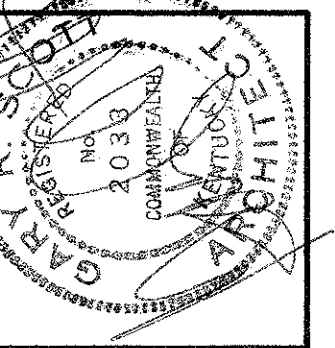


STAIR SECTION 19
1/8" = 1'-0"
A-3.03



KEY PLAN

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BUILDING SECTIONS

DATE
JAN 03

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A-3.03
57 OF 130

JOB NO.
215
EG-02-246

JOB NO.	2206
DATE	SEPT. 2022
DRAWN	AJ JMC
CHECKED	JMC

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SHEET

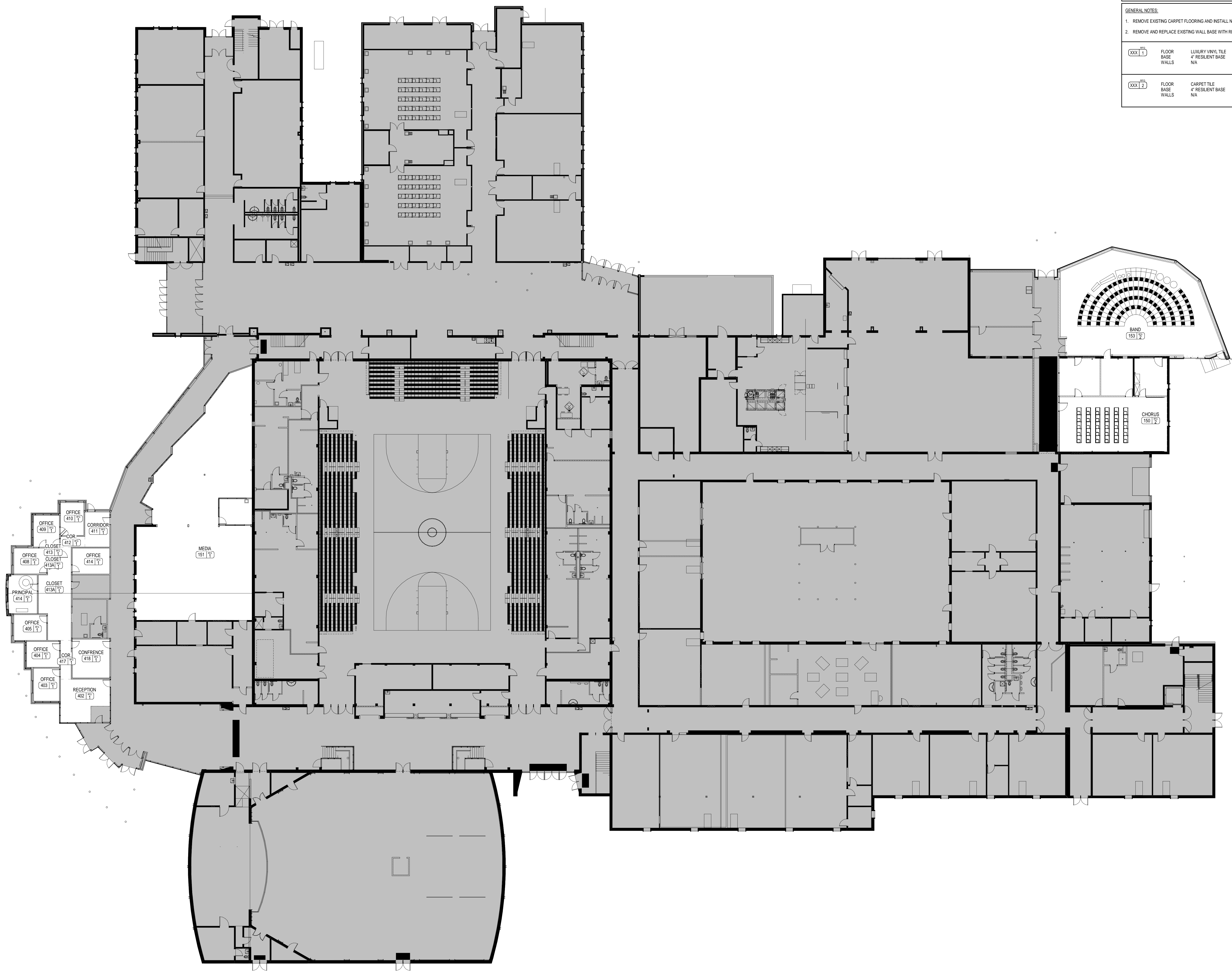
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ROOM FINISH GROUPS

GENERAL NOTES:

- REMOVE EXISTING CARPET FLOORING AND INSTALL NEW LVT.
- REMOVE AND REPLACE EXISTING WALL BASE WITH RESILIENT BASE.

GROUP	FLOOR	BASE	WALLS
XXX 1	LUXURY VINYL TILE	4" RESILIENT BASE	NA
XXX 2	CARPET TILE	4" RESILIENT BASE	NA



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

REVISIONS		
No.	Description	Date

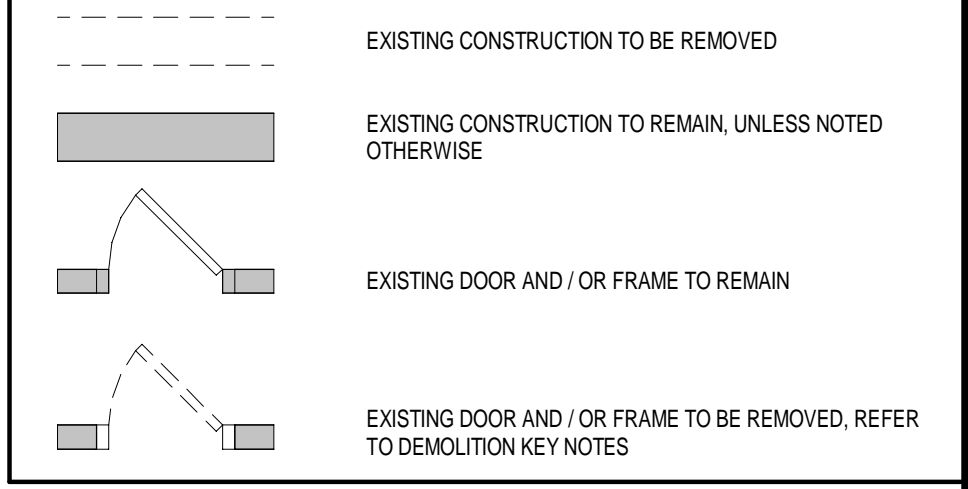
GENERAL DEMOLITION NOTES

- DEMOLITION REFERENCE NOTES FOR THIS PROJECT ARE INTENDED TO GENERALLY IDENTIFY THE SELECTIVE REMOVAL OF EXISTING ITEMS AT LOCATIONS WHERE REQUIRED BUT SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR EXAMINING AND VERIFYING THE FULL EXTENT OF EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT.
- THE INTENT OF THE DEMOLITION NOTES IS TO PROVIDE A GENERAL OUTLINE FOR THE CONTRACTOR OF ITEMS TO BE REMOVED AND/OR TURNED OVER TO THE OWNER AND TO ALLOW FOR THE NEW CONSTRUCTION AS OUTLINED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL OF ITEMS TO ALLOW FOR NEW CONSTRUCTION SHOWN OR NOT SHOWN ON DEMOLITION PLANS AS MAY BE REQUIRED.
- REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC REQUIREMENTS AT EXISTING CONDITIONS REQUIRING PARTIAL OR COMPLETE REMOVAL AND/OR MODIFICATION TO COMPONENTS OR ASSEMBLIES PERTAINING TO EXISTING BUILDING STRUCTURE.
- REFER TO MECHANICAL AND/OR ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE REMOVAL, RELOCATION AND/OR MODIFICATION OF ITEMS RELATED TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS.
- REFER TO NEW WORK PLANS FOR COORDINATION OF DEMOLITION EXTENTS.

DEMOLITION KEYNOTES

- REMOVE EXIST. AIR PHONE FOR REINSTALLATION AT NEW WORK.
- EXIST. STOREFRONT FRAMING AND DOORS TO BE CAREFULLY REMOVED. PREPARE FOR RE-INSTALLATION.
- REMOVE SECTION OF EXIST. STOREFRONT FRAME FOR NEW WORK. NOTE: SURROUNDING FRAMING TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.

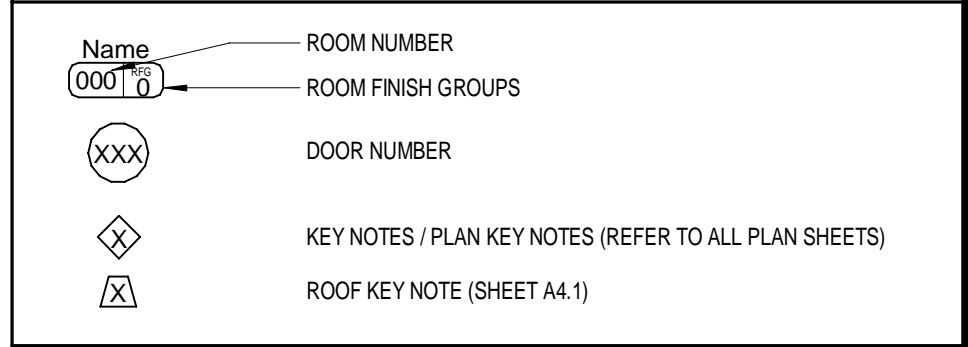
DEMOLITION LEGEND



KEY NOTES

- NOTE: NOT ALL KEY NOTES MAY APPLY TO THIS SHEET.
- RELOCATE EXISTING STOREFRONT FRAMING, TO ALIGN WITH ADJACENT EXIST. FRAME. PROVIDE NEW PRE-FAB OUTSIDE CORNER FOR CONNECTION OF FRAMES. RELOCATED FRAMES TO BE ANCHORED TO EXISTING STRUCTURE ABOVE.
 - OWNER PROVIDED DESK, N.I.C.
 - RELOCATE EXISTING ENTRY AIR PHONE TO NEW WALL LOCATION. COORDINATE WITH ELEC.
 - PROVIDE NEW 6" METAL STUD WALL, STUDS @ 16" O.C. ABOVE STOREFRONT FRAMING TO INCLUDE 5/8" GLASSMAT GYP. SHEATHING AT EXTERIOR WITH BATT INSULATION FULL HEIGHT TO DECK ABOVE. REFER TO DETAIL.
 - PROVIDE NEW 6" METAL STUD WALL ASSEMBLY AS FOLLOWS: 5/8" GYP BD EA. SIDE/ 6" METAL STUDS @ 16" O.C. FASTENED TO BOTTOM OF STRUCTURE ABOVE WITH DEFLECTION TRACK.

SYMBOL LEGEND



ROOM FINISH GROUPS

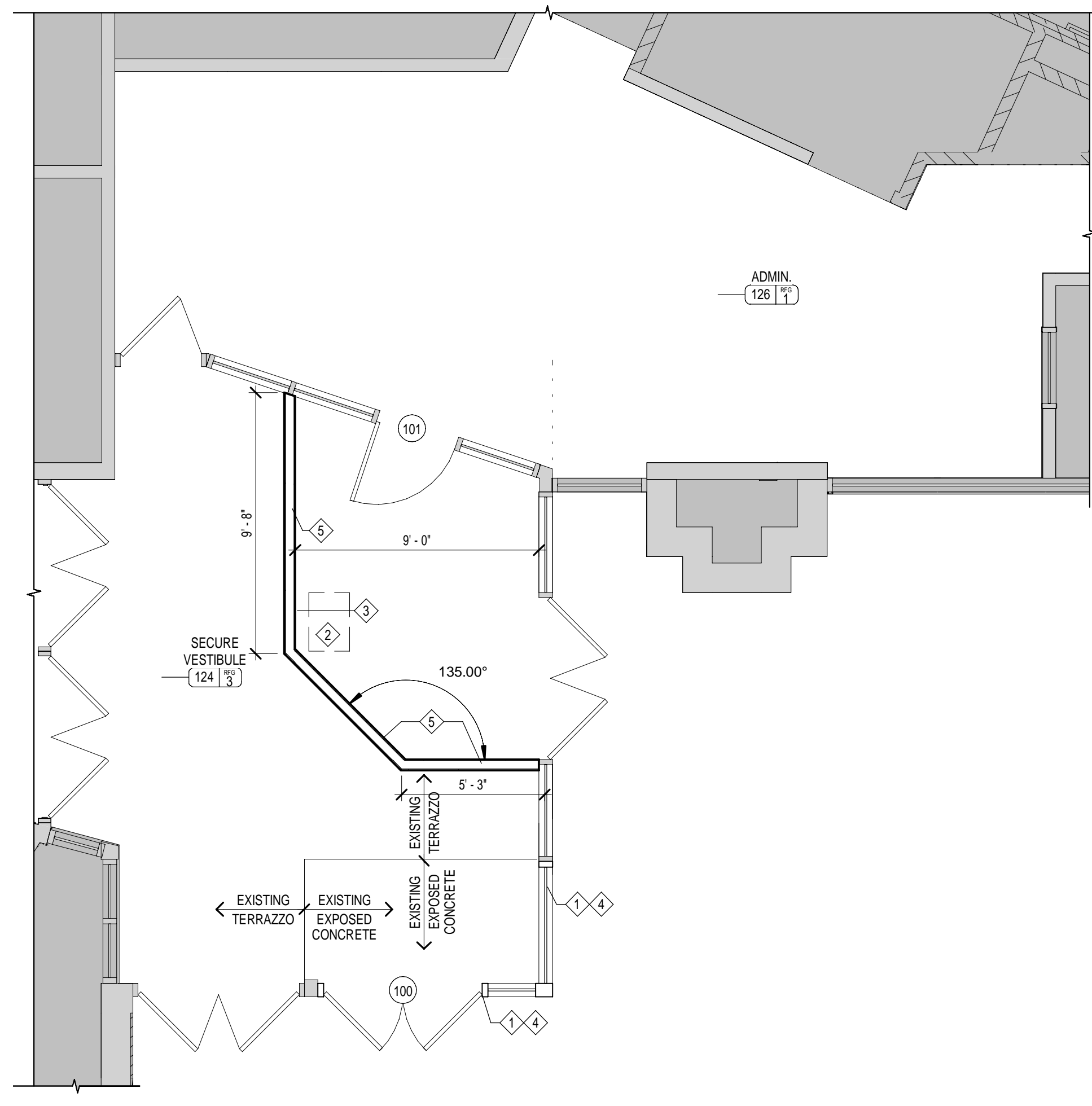
GENERAL NOTES		
1. REMOVE EXISTING FLOORING AND INSTALL NEW FLOOR FINISH.		
2. REMOVE AND REPLACE EXISTING WALL BASE WITH RESILIENT BASE.		
(XXX 1)	FLOOR BASE WALLS	LUXURY VINYL TILE 4" RESILIENT BASE N/A
(XXX 2)	FLOOR BASE WALLS	CARPET TILE 4" RESILIENT BASE N/A
(XXX 3)	FLOOR BASE WALLS CEILING	EXISTING TERRAZZO/ EXPOSED CONCRETE TO REMAIN 4" RESILIENT BASE PAINT PROVIDE 2 x 2 SUSP. CEILING TO ALIGN WITH EXIST. SUSP. CEILING.

DOOR SCHEDULE REMARKS

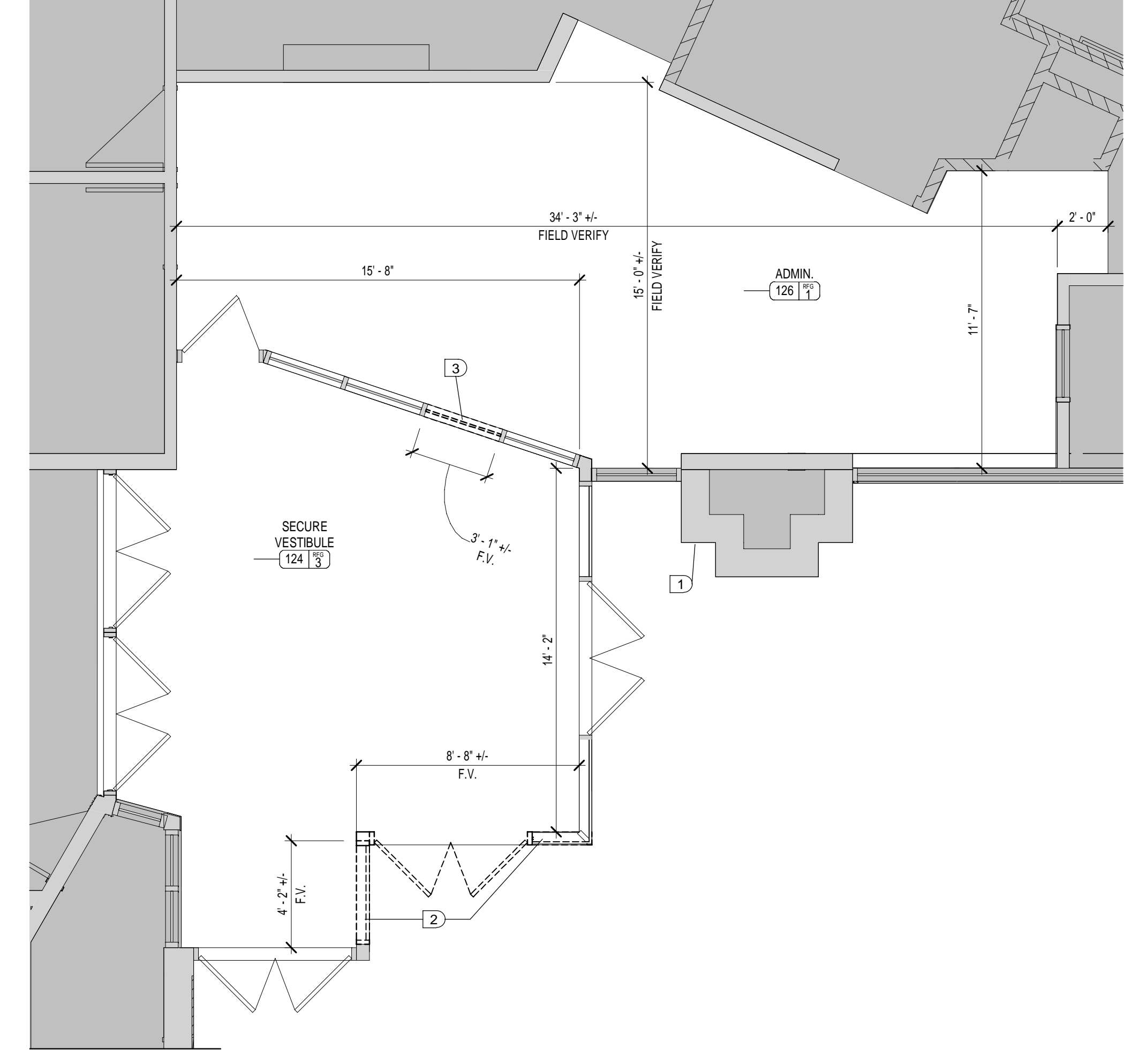
- ACCESS CONTROL. REFER TO DOOR HARDWARE SPECS AND ELEC. DWGS.
- WIRE TO CONSOLE UNIT. REFER TO DOOR HARDWARE SPECS AND ELEC. DWGS.

GENERAL DOOR AND FRAME NOTES

- GENERAL DOOR NOTES:**
- 1/8" MAX UNDERCUT FROM BOTTOM OF DOOR TO TOP OF THRESHOLD AT EXTERIOR DOORS. DOOR MUST COMPRESS WEATHER STRIP IN THRESHOLD. PROVIDE EXT. THRESHOLD AT ALL EXT. DOORS.
 - PROVIDE THRESHOLDS AS REQ'D AT DOORS. SEE TYPICAL DETAIL.
 - ALL EXTERIOR DOORS/FRAMES TO BE INSULATED.
- GENERAL GLASS AND GLAZING NOTES:**
- PROVIDE FULLY TEMPERED GLASS WHERE INDICATED.
 - ALL EXTERIOR GLASS TO BE 1" INSULATED, U.N.O.
 - ALL INTERIOR GLASS TO BE 1/4", U.N.O.
- GENERAL HARDWARE NOTE:**
- PROVIDE AND INSTALL ALL HARDWARE IN ACCORDANCE WITH APPLICABLE ARTICLES OF "THE AMERICANS WITH DISABILITIES ACT (ADA)".
 - HARDWARE CLOSERS ON SCHEDULE NOTED FOR BUILDING CODE AND KDR REQUIREMENTS. REFER TO HARDWARE SPECIFICATION FOR ADDITIONAL CLOSERS USED FOR HARDWARE FUNCTION.
 - DOOR HARDWARE HEIGHTS SHALL BE RELATIVE TO FLOOR ELEVATION, NOT BOTTOM OF DOOR.
- GENERAL ALUMINUM FRAME / WINDOW NOTES:**
- CONTRACTOR TO COORD. WORK WITH ASSOCIATED TRADES (FRAMING, MASONRY, ETC.) TO CONFIRM ALL DIMENSIONS.
 - ALL ALUMINUM FRAMES ARE 1/2" DEEP, U.N.O.
 - CONTRACTOR TO PROVIDE ALL ACCESSORY ITEMS NECESSARY TO INSTALL FRAMES.
 - PROVIDE MFR. STANDARD ACCESSORIES AND DETAILS FOR A COMPLETE INSTALLATION.
 - PROVIDE RIGID INSULATION INSERTS IN PERIMETER FRAMES OF ALL EXTERIOR ALUMINUM FRAMES. IN ADDITION, PROVIDE SHIMS, FILL ALL SHIM VOIDS AT EXTERIOR FRAME OPENINGS W/ FIRE RATED LOW EXPANSION SPRAY FOAM INSULATION.
 - DO NOT BLOCK WEEPS W/ SEALANT.
 - CONTRACTOR SHALL COORDINATE OPENINGS AND ASSOCIATED FRAMING TO CONFIRM ALL DIMENSIONS. INSTALLER/ FABRICATOR SHALL ACCOUNT FOR SHIMS, DEFLECTION, ETC.
 - PROVIDE DEFLECTION TRACKS AS REQUIRED.
 - PROVIDE CONCEALED STEEL REINFORCEMENT AT ALL DOOR CLOSER AND EXIT DEVICE LOCATIONS AND AS REQUIRED BY FABRICATOR TO ACCOMMODATE WIND LOADING AND OTHER STRUCTURAL CONSIDERATIONS.
 - PROVIDE BACKER ROD AND SEALANT CONT. AT FRAME PERIMETER, BOTH SIDES.



3 VESTIBULE ENLARGED PLAN
1/4" = 1'-0"



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

DOOR SCHEDULE												
NO.	NO. LEAVES	LEAF WIDTH	HEIGHT	DOOR		FRAME		GLAZING		FIRE RATING LABEL	CLOSER DEG.	REMARKS
				MATL.	TYPE	MATL.	TYPE	MATL.	TYPE			
100	2	EXIST	EXIST	ALUM.	EXIST	ALUM.	EXIST	EXIST	EXIST		EXIST	1,2
101	1	3'-0" +/- F.V.	7'-0" +/- F.V.	ALUM.	EXIST	ALUM.	EXIST	EXIST	EXIST		90	

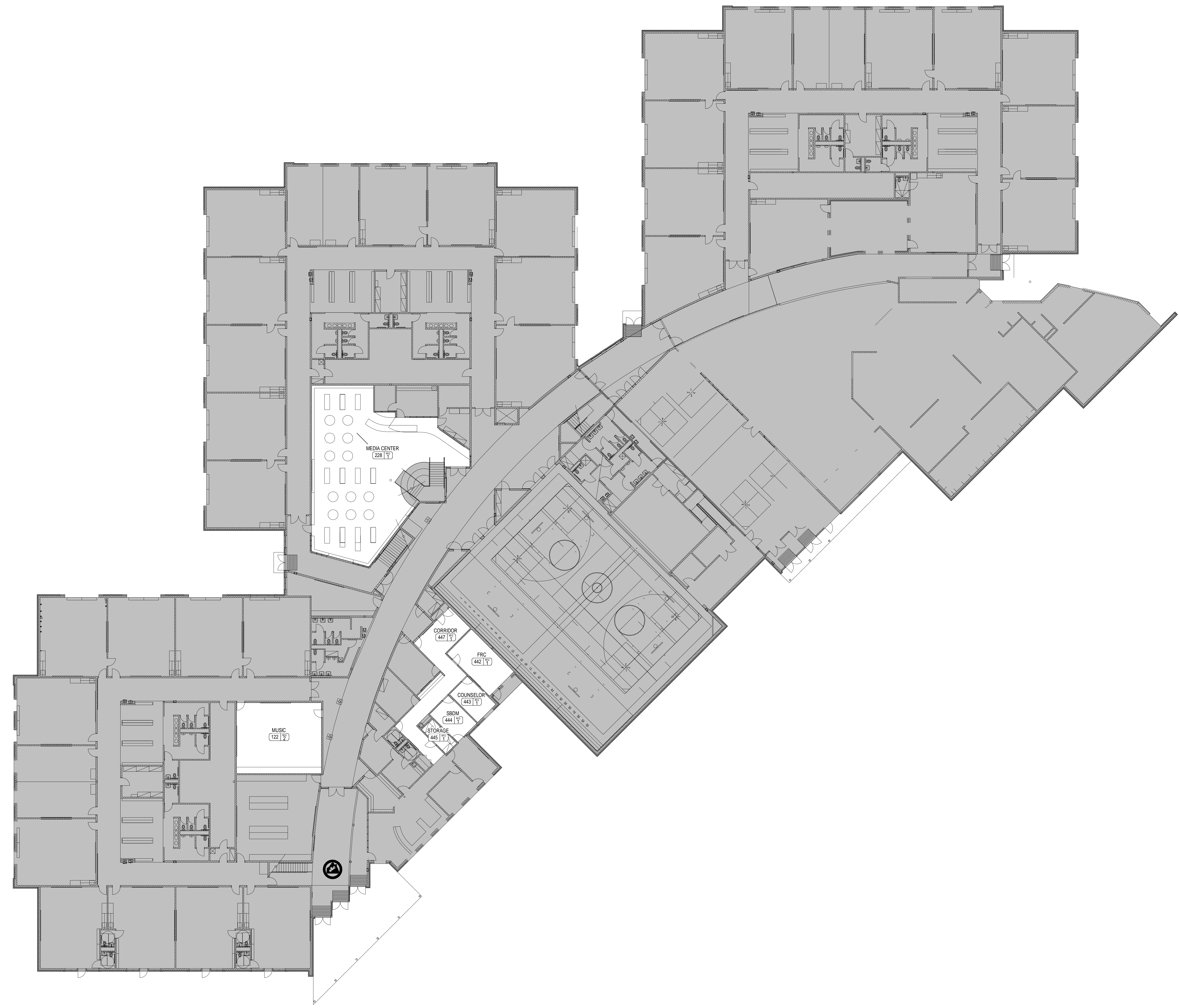


2 FIRST FLOOR PLAN
1/16" = 1'-0"

ROOM FINISH GROUPS

GENERAL NOTES:
1. REMOVE EXISTING CARPET FLOORING AND INSTALL NEW LVT.
2. REMOVE AND REPLACE EXISTING WALL BASE WITH RESILIENT BASE.

XXX 1	FLOOR BASE WALLS	LUXURY VINYL TILE 4" RESILIENT BASE NA
XXX 2	FLOOR BASE WALLS	CARPET TILE 4" RESILIENT BASE NA



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

ALLEN COUNTY CAMPUS AIR
QUALITY AND BUILDING
UPGRADES
2206

ALLEN COUNTY PRIMARY SCHOOL
FIRST FLOOR PLAN

JOB NO.	2206
DATE	SEPT. 2022
DRAWN	AJ/JMC
CHECKED	JMC

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A1.3

ROOM FINISH GROUPS

GENERAL NOTES:

1. REMOVE EXISTING CARPET FLOORING AND INSTALL NEW LVT.
2. REMOVE AND REPLACE EXISTING WALL BASE WITH RESILIENT BASE.

XXX 1	FLOOR BASE WALLS	LUXURY VINYL TILE 4" RESILIENT BASE NA
XXX 2	FLOOR BASE WALLS	CARPET TILE 4" RESILIENT BASE NA

ALLEN COUNTY CAMPUS AIR
QUALITY AND BUILDING
UPGRADES
2206

ALLEN COUNTY PRIMARY SCHOOL
SECOND FLOOR PLAN

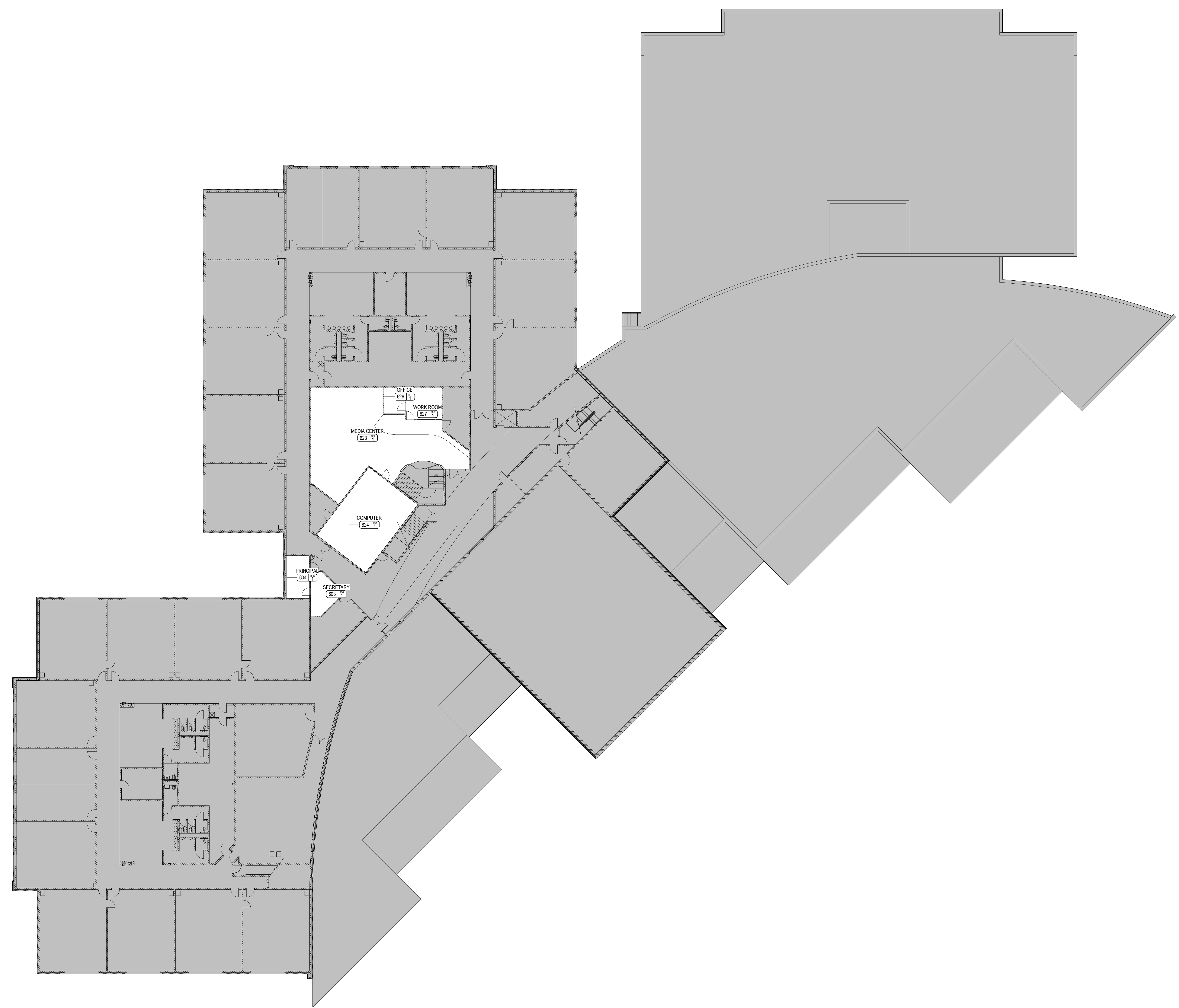
JOB NO.	2206
DATE	SEPT. 2022
DRAWN	PWD
CHECKED	

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A1.4



1 SECOND FLOOR PLAN
1/16" = 1'-0"

JOB NO.	2206
DATE	SEPT. 2022
DRAWN	AFL
CHECKED	Checker

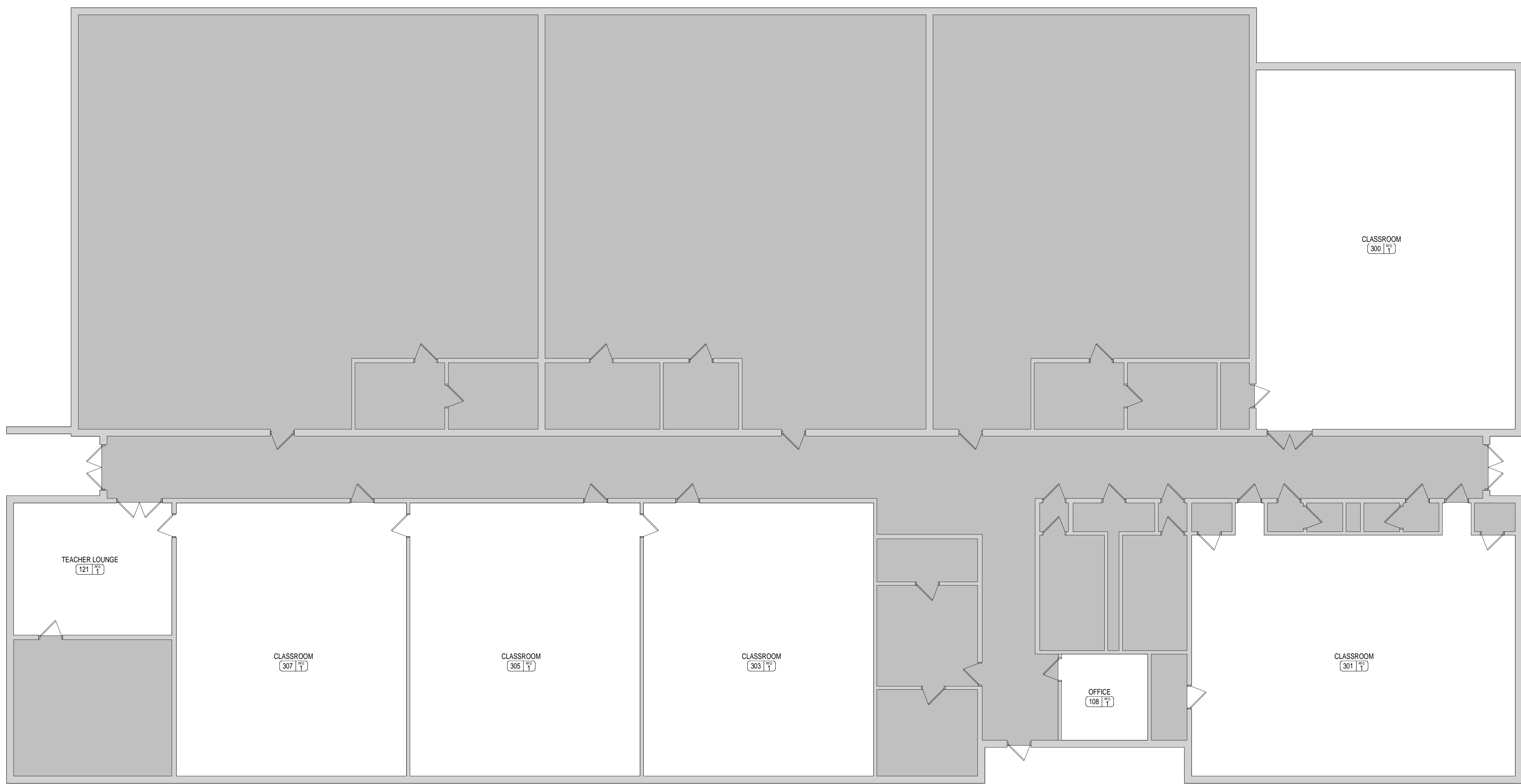
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No.	Description	Date

SHEET

A1.5

ROOM FINISH GROUPS		
GENERAL NOTES:		
1. REMOVE EXISTING CARPET AND INSTALL NEW FLOOR FINISH. AT VCT LOCATIONS STRIP ALL WAX FROM VCT AND INSTALL LVT OVER EXIST. VCT PER MFR. RECOMMENDATIONS.		
2. REMOVE AND REPLACE EXISTING WALL BASE WITH RESILIENT BASE.		
0001	FLOOR BASE WALLS	LUXURY VINYL TILE 4" RESILIENT BASE NA
NOTE: LVT TO BE INSTALLED OVER EXISTING VCT FLOORING. CONTRACTOR TO STRIP EXISTING VCT OF WAX AND PREPARE ACCORDING TO LVT MFR. INSTRUCTIONS OVER VCT. AT LOCATIONS WHERE GAPS ARE BETWEEN VCT, PROVIDE FLOOR LEVELER SKIM COAT OVER VCT.		
0002	FLOOR BASE WALLS	CARPET TILE 4" RESILIENT BASE



1 FIRST FLOOR PLAN
1/8" = 1'-0"

CODE INFORMATION

PROJECT DESCRIPTION
SCOPE OF WORK INCLUDES, BUT NOT LIMITED TO THE FOLLOWING: REMOVE EXISTING BALLASTED ROOF SYSTEMS, REMOVE EXISTING GUTTERS, DOWNSPOUTS, FASCIA AND GRAVEL STOPS, REPLACE ROOFS WITH TPO ROOFING SYSTEMS, REPLACE GUTTERS, DOWNSPOUTS, FASCIA AND COPINGS AS INDICATED.

CODE: - KENTUCKY BUILDING CODE, 2018, 2ND EDITION
USE GROUP: - E EDUCATION, A-3 ASSEMBLY (EXISTING)
CONSTRUCTION TYPE: 2B (EXISTING)

SPECIAL INSPECTIONS PER CHAPTER 17 OF THE KENTUCKY BUILDING CODE
IN ADDITION TO ALL QUALITY CONTROL TESTS AND INSPECTIONS REQUIRED OF THE CONTRACTOR BY THE CONTRACT DOCUMENTS, THE OWNER WILL PROVIDE SPECIAL INSPECTIONS AS FOLLOWS:
NONE APPLICABLE 2012 IECC COMPLIANT C402.2

GENERAL ROOF NOTES

- ROOF SLOPES SHALL NOT BE LESS THAN 1/4" RISE PER FT. RUN TYPICALLY WHERE REQUIRED TO ACHIEVE POSITIVE DRAINAGE. PROVIDE CRICKETS SUCH THAT A MIN. 1/4" RISE PER FT. IS MAINTAINED. SLOPE CRICKETS AWAY FROM WALL TYP.
- ALL ROOFING AND RAIN DRAINAGE WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
- ALL EXISTING ROOF DRAINS ARE TO REMAIN. PROVIDE TAPERED INSULATION AT DRAINS TO ENSURE PROPER DRAINAGE. FLASH WITH NEW ROOF SYSTEM.
- EXISTING THRU WALL SCUPPERS TO REMAIN. CLEAN PROPERLY AND PREPARE FOR FLASHING WITH NEW ROOF SYSTEM.
- REMOVE ALL RUST, ASPHALT, PAINT, AND DUST AT FLASHING AREAS AND TERMINATION POINTS WHERE THERE WILL BE DIRECT CONTACT WITH MEMBRANE, MASTIC OR SEALANT.
- EXAMINE SURFACES FOR INADEQUATE ANCHORAGE AND LOW AREAS NOT DRAINING PROPERLY.
- DO NOT PROCEED WITH ANY PART OF APPLICATION UNTIL ALL DEFECTS ARE REPAIRED AND ALL PREPARATION WORK HAS BEEN COMPLETED.
- EXISTING ROOF VENTS ARE TO BE FLASHED PER MANUFACTURER'S STANDARD BOOT DETAIL.
- DO NOT SCALE DRAWINGS.
- CLEAN DEBRIS. CLEAN AND PREPARE ALL ROOF AREAS FOR NEW ROOF INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE CRICKETS ON ALL HIGH SIDES OF ALL MECHANICAL CURBS. DRAIN CRICKETS 1/8" PER FOOT, MINIMUM.
- CLEAN DEBRIS. CLEAN AND PREPARE ALL ROOF AREAS FOR NEW ROOF SYSTEM PER MANUFACTURER'S RECOMMENDATIONS.

DEMOLITION ROOF NOTES

- REMOVE EXISTING ROOF BALLAST. ROOF MEMBRANE TO REMAIN.
- REMOVE ALL METAL COPINGS.
- REMOVE EXISTING EXPANSION JOINT AND REINSTALL. REFER TO DETAILS.

ROOF TYPES

ROOF TYPE 'A'
TPO - FULLY ADHERE 80 MIL TPO MEMBRANE OVER 1/2" COVERBOARD ON 1 1/2" OF NEW POLYSTY INSUL. MECHANICALLY FASTENED OVER EXISTING INSULATION GIVING A TOTAL 3" OF INSULATION OVER EXISTING TECTUM DECK. (PROVIDE 1/4" - 1/2" SLOPE MIN.)

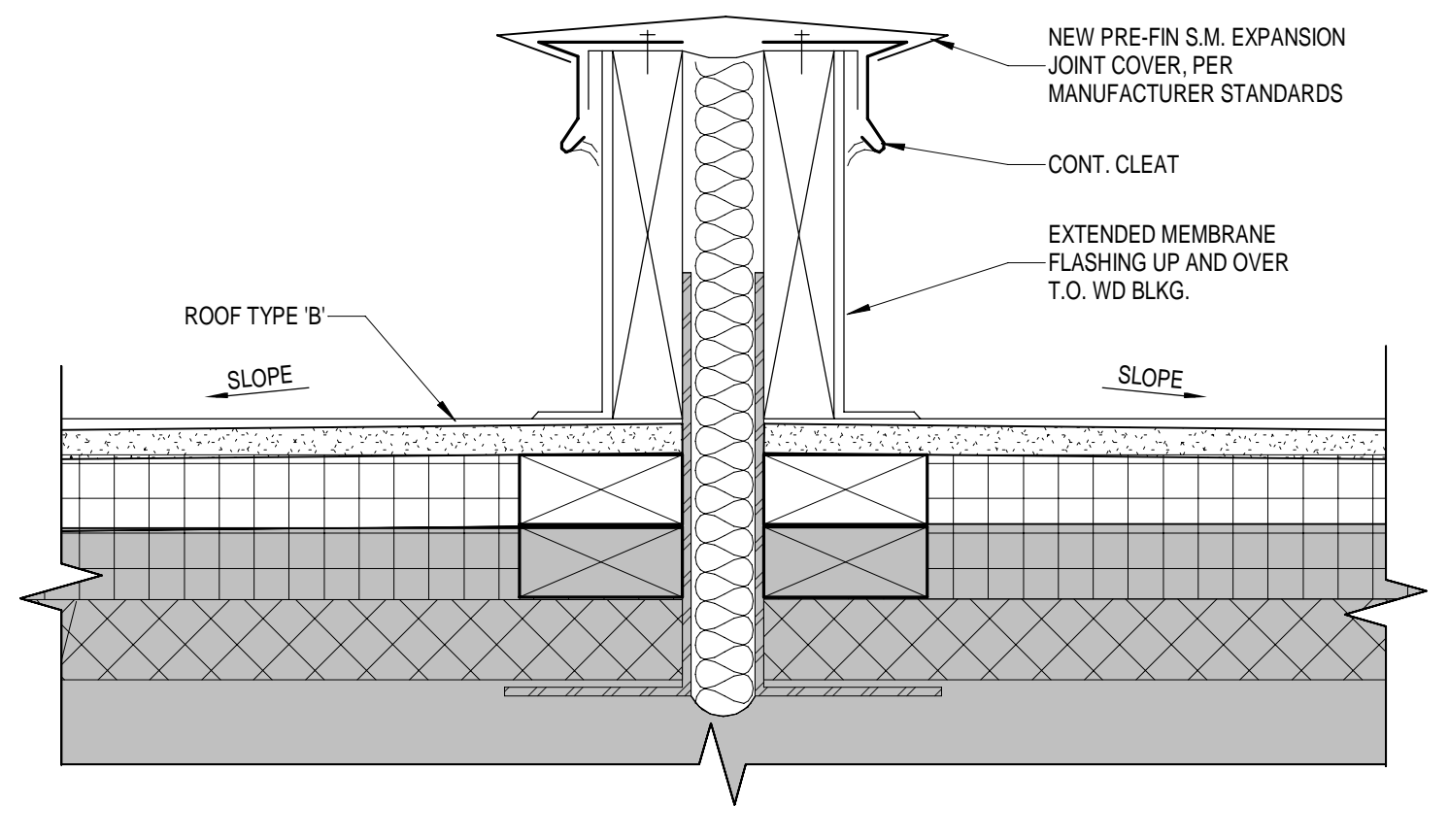
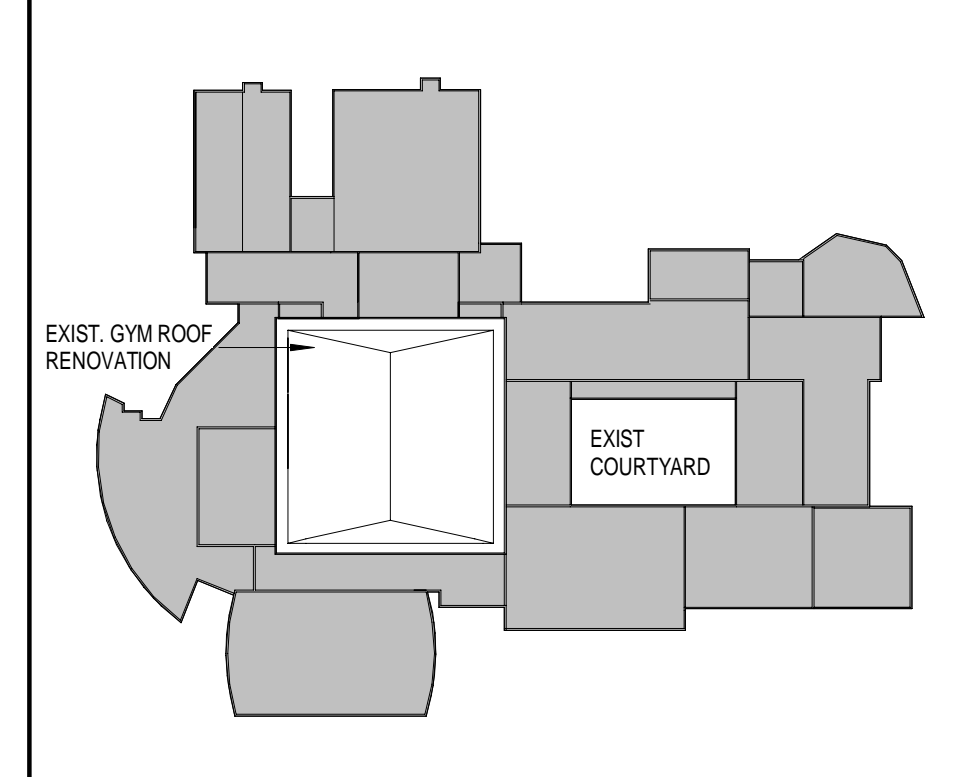
ROOF KEY NOTES

- FOLLOWING DEMOLITION, CLEAN AND PREP EXISTING ROOF INSULATION AND DECK TO RECEIVE NEW ROOF SYSTEM.
- EXISTING EXHAUST FAN ON CURB TO REMAIN. REFER TO DETAIL 2/A.1
- NEW S.M. COPING. REFER TO DETAIL 5/A.1
- NEW EXPANSION JOINT. REFER TO DETAIL 6/A.1
- END OF PARAPET WALL. TERMINATE COPING PER MANUFACTURER'S RECOMMENDATION.
- FLASH EXISTING ROOF VENTS. REFER TO DETAIL 4/A.1

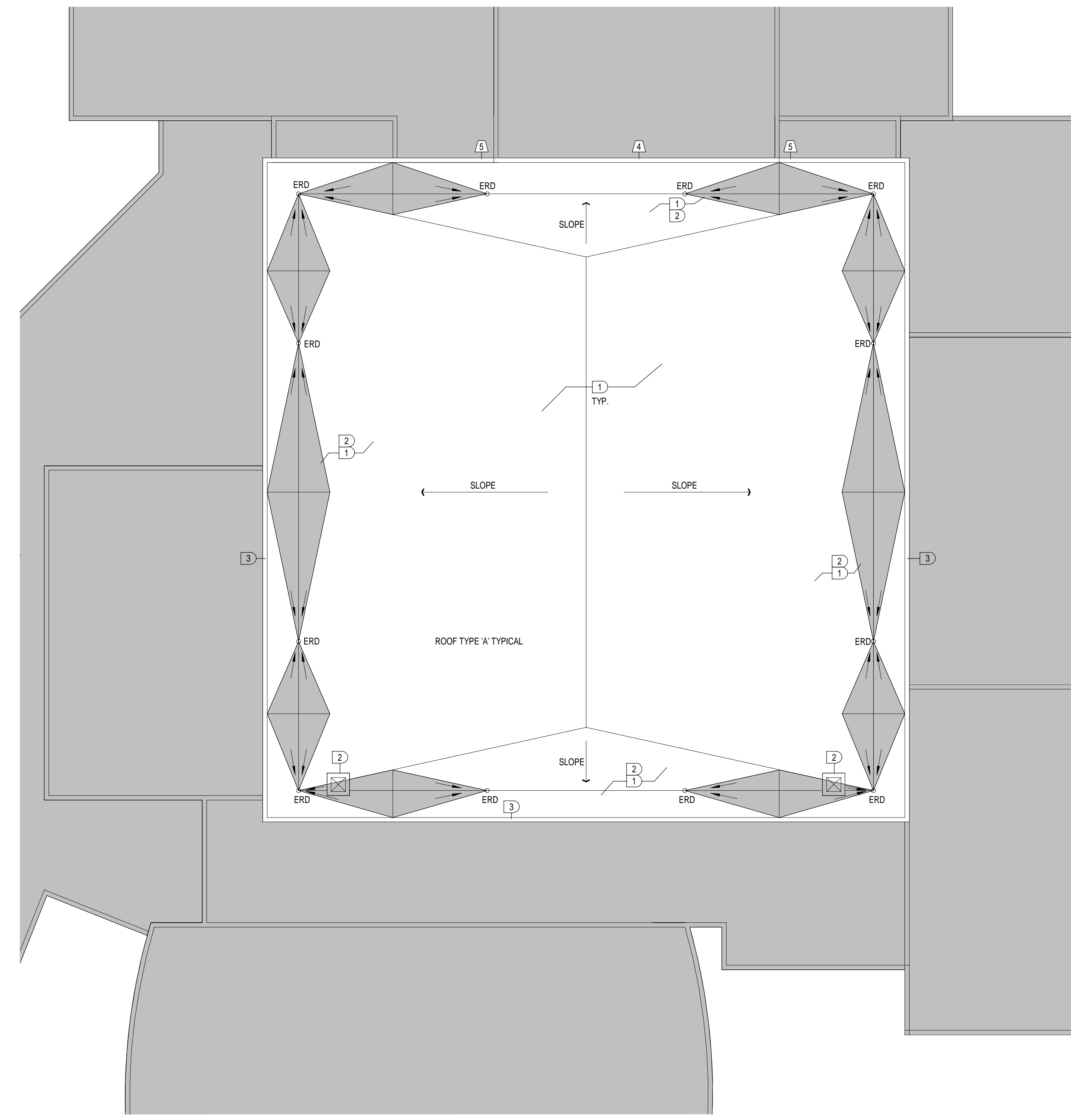
ROOF LEGEND

- INDICATES CRICKET, SLOPE 1/4" PER FOOT MIN. IN DIRECTION OF ARROW
- OS EXISTING OVERFLOW SCUPPER TO REMAIN.
- o ERD EXISTING ROOF DRAIN TO REMAIN. FLASH INTO NEW ROOF.
- SB INDICATES NEW SPLASH BLOCK SET IN FULL BEAD OF SEALANT AT EXISTING DOWNSPOUT.
- EXISTING CONSTRUCTION TO REMAIN. NO WORK REQUIRED.
- ROOF AREA TO RECEIVE WORK. PROVIDE ROOF TYPE 'A' AT ALL THESE LOCATIONS.

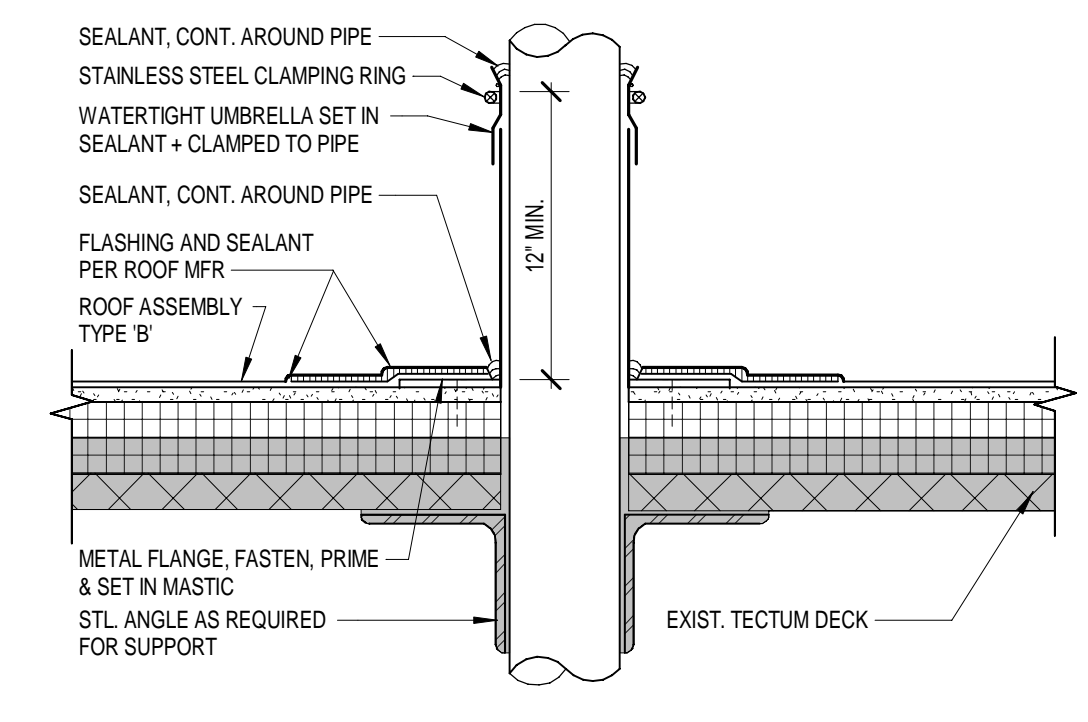
ROOF KEY PLAN



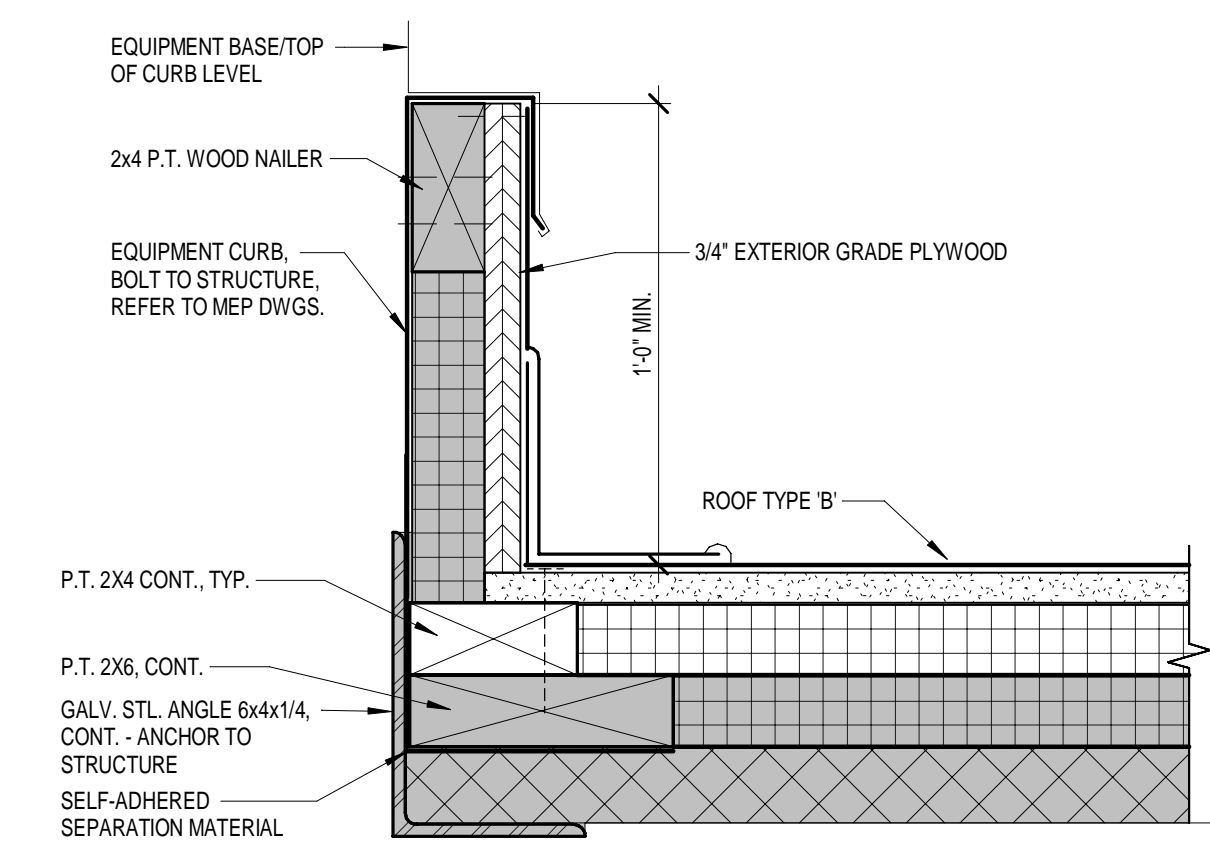
6 EXPANSION JOINT DETAIL
3" = 1'-0"



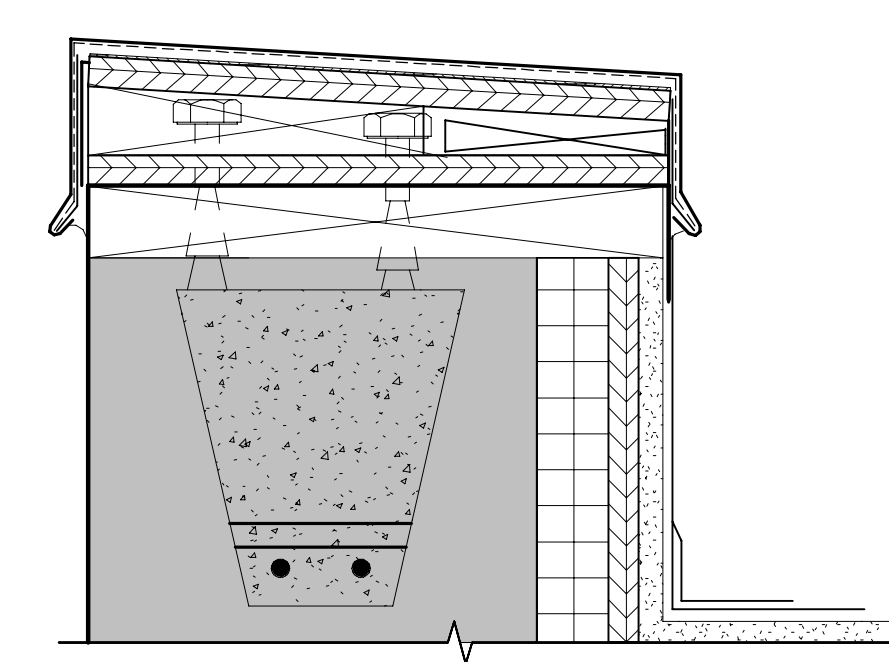
1 ROOF PLAN
1/16" = 1'-0"



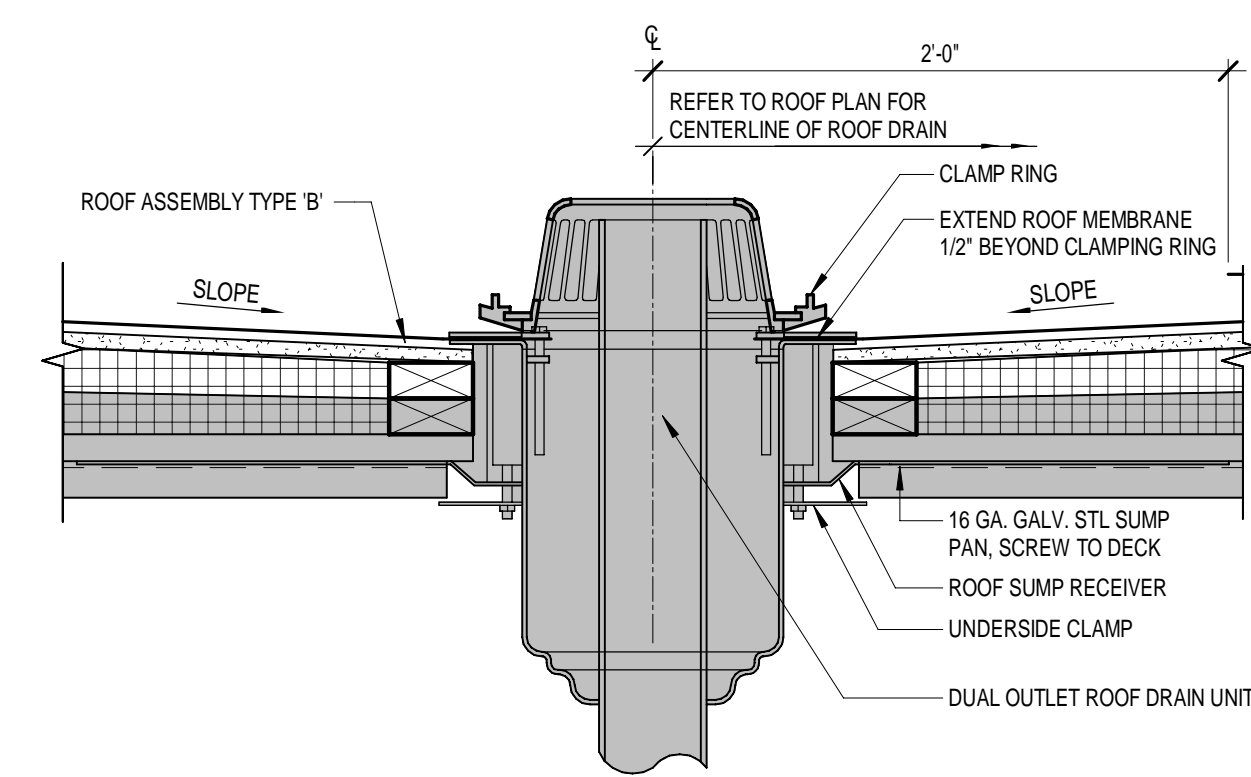
4 PENETRATION DETAIL
1 1/2" = 1'-0"



2 MECHANICAL CURB DETAIL
3" = 1'-0"



5 COPING DETAIL
3" = 1'-0"



3 ROOF DRAIN/ OVERFLOW DETAIL
1 1/2" = 1'-0"

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M1.1

LEGEND

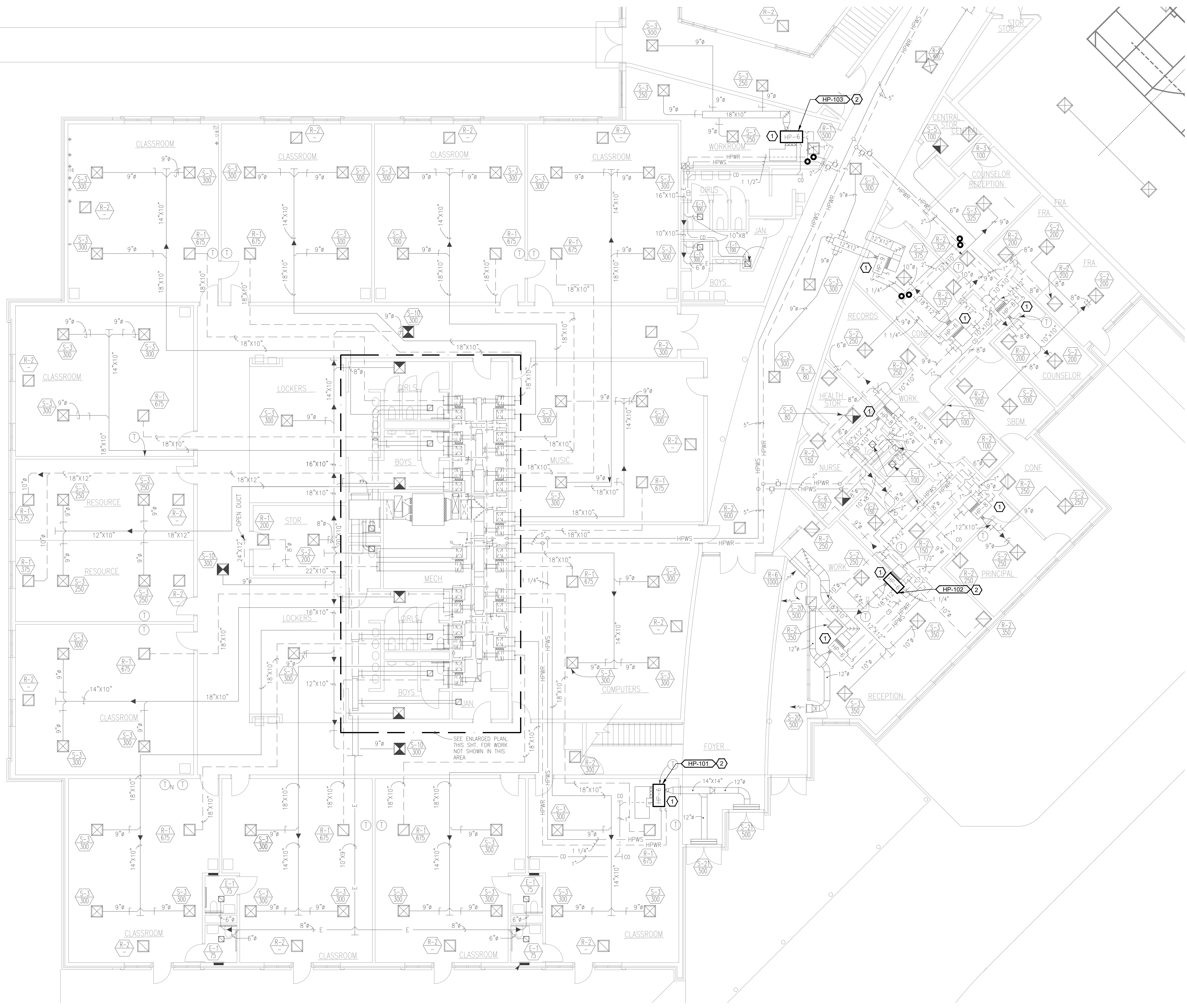
-  EXISTING TO REMAIN
-  EXISTING TO BE REMOVED
-  EXTENT OF DEMOLITION

GENERAL NOTES:

1. REFER TO SHEET M0.1 FOR GENERAL NOTES.

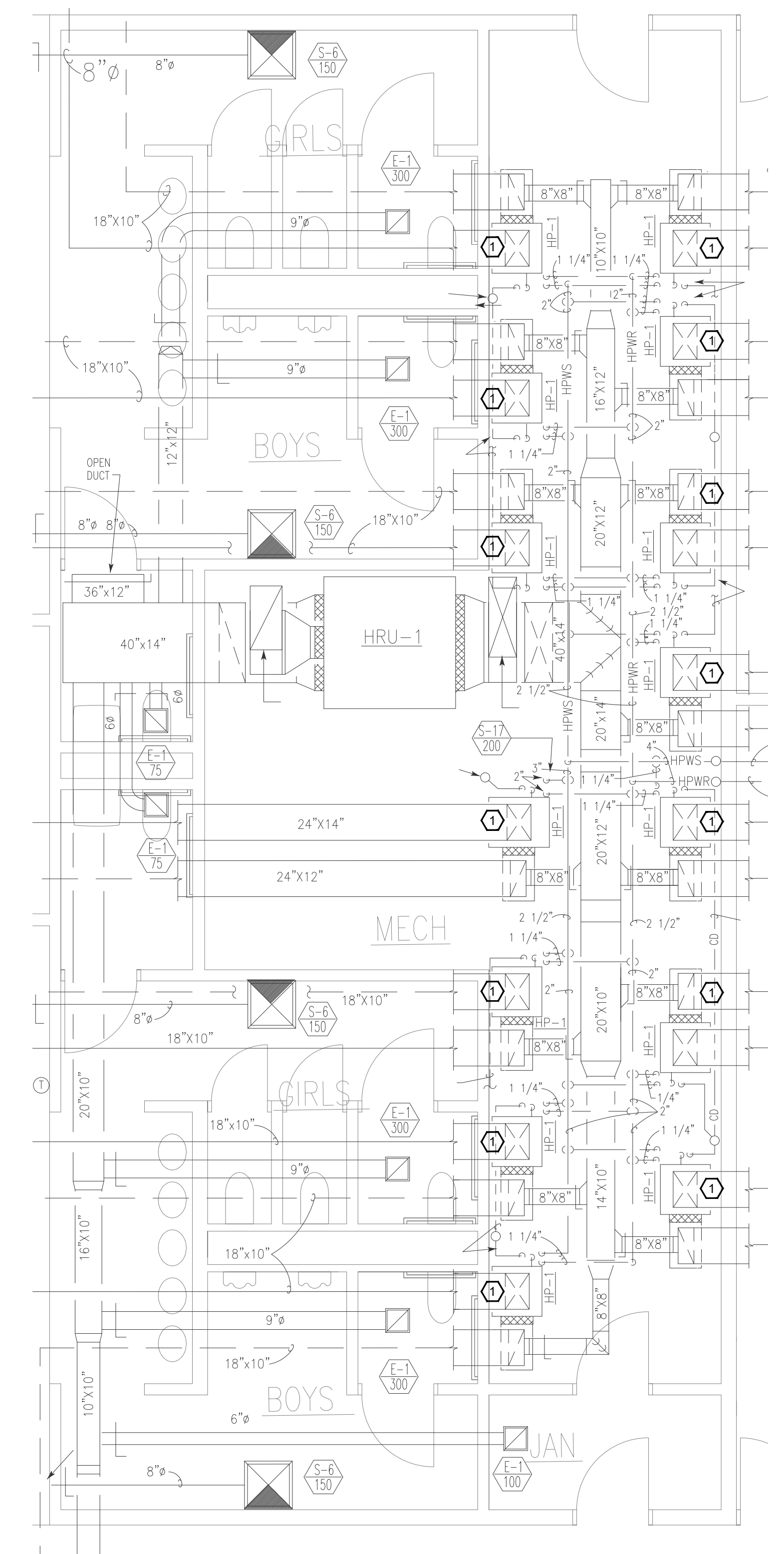
SHEET KEYNOTES:

1. PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.
2. REPLACE EXISTING HEAT PUMP WITH NEW. PROVIDE ADDITIONAL DUCT/FITTING TO CONNECT NEW INTO EXISTING.



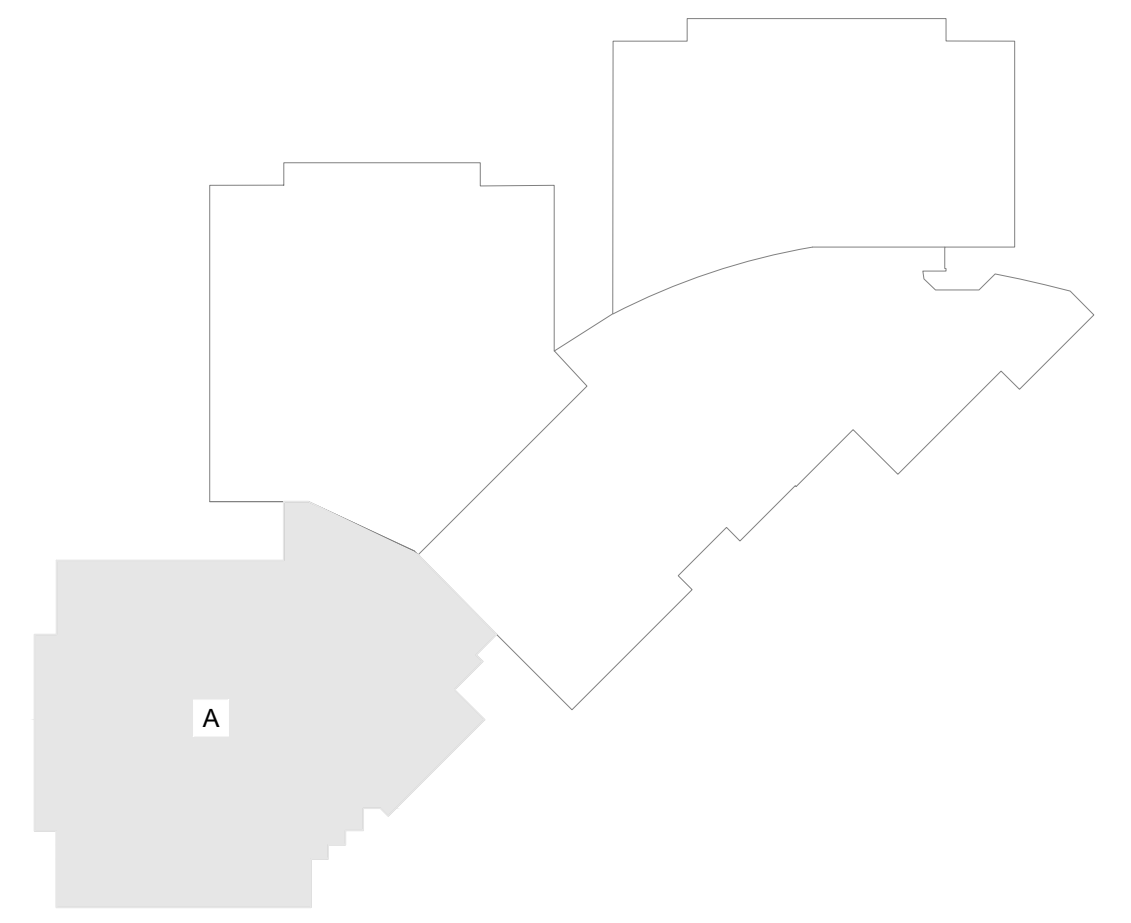
1 PARTIAL FIRST FLOOR PLAN - A - MECHANICAL

SCALE: 1/8"=1'-0"



2 ENLARGED MECHANICAL ROOM PLAN

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



KEY PLAN

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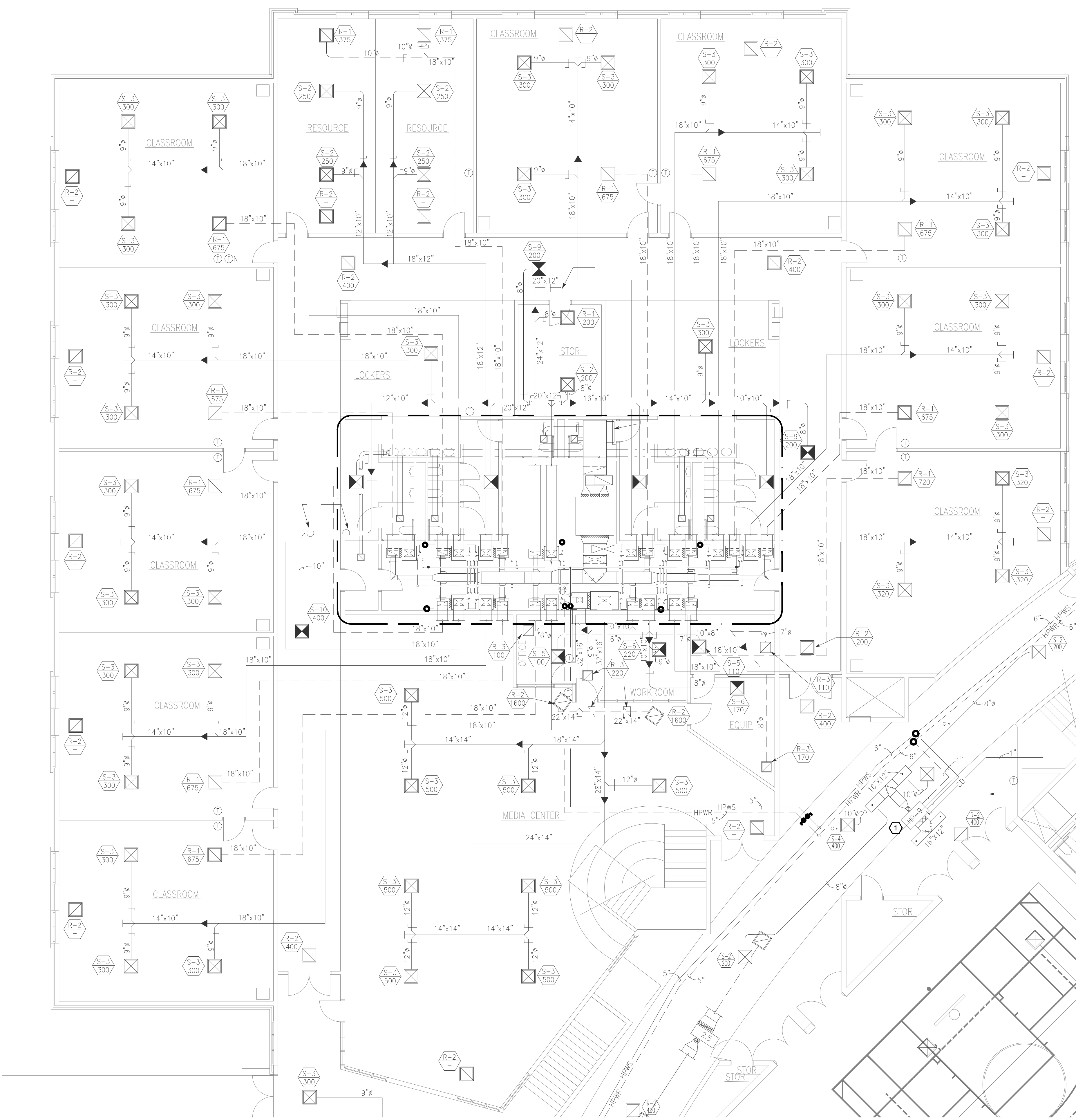
LEGEND	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXTENT OF DEMOLITION

GENERAL NOTES:

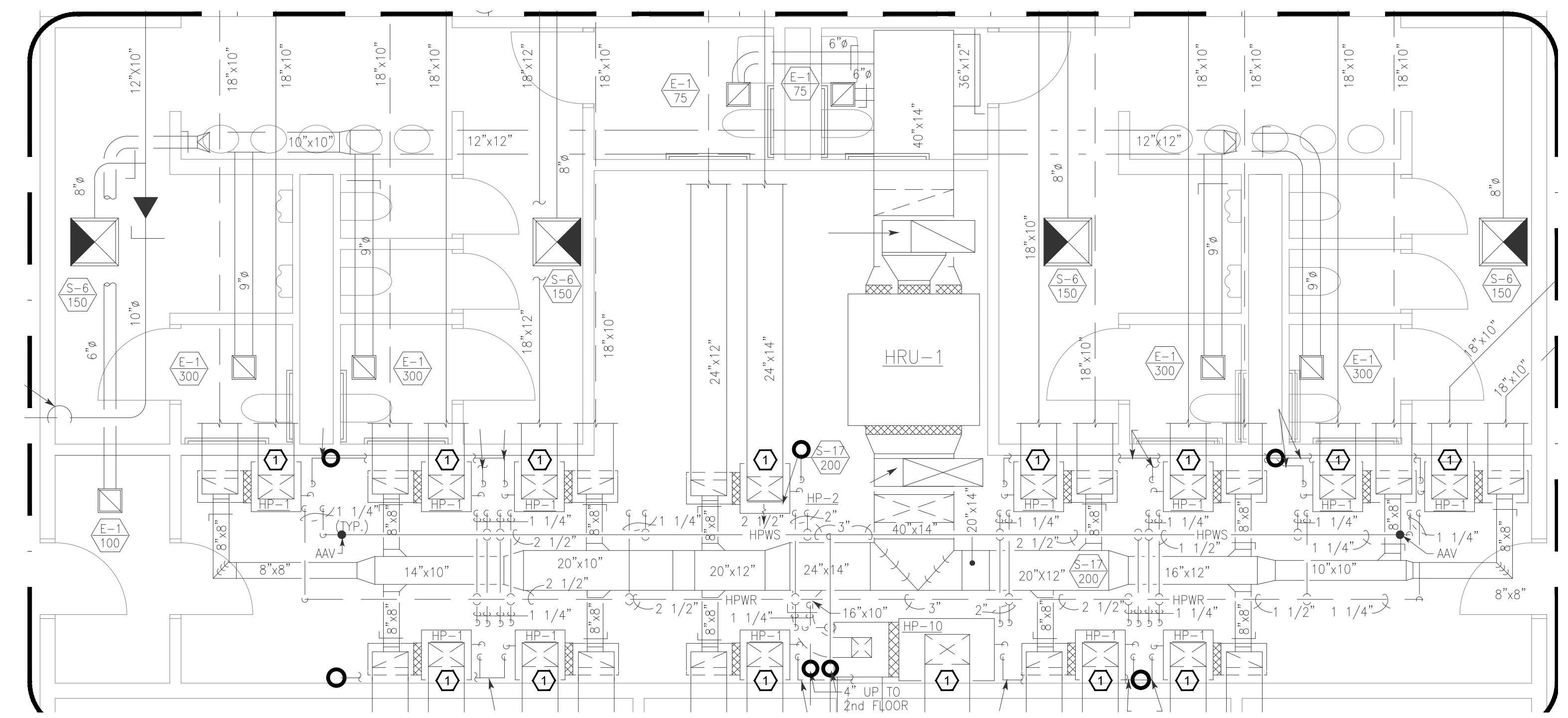
- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

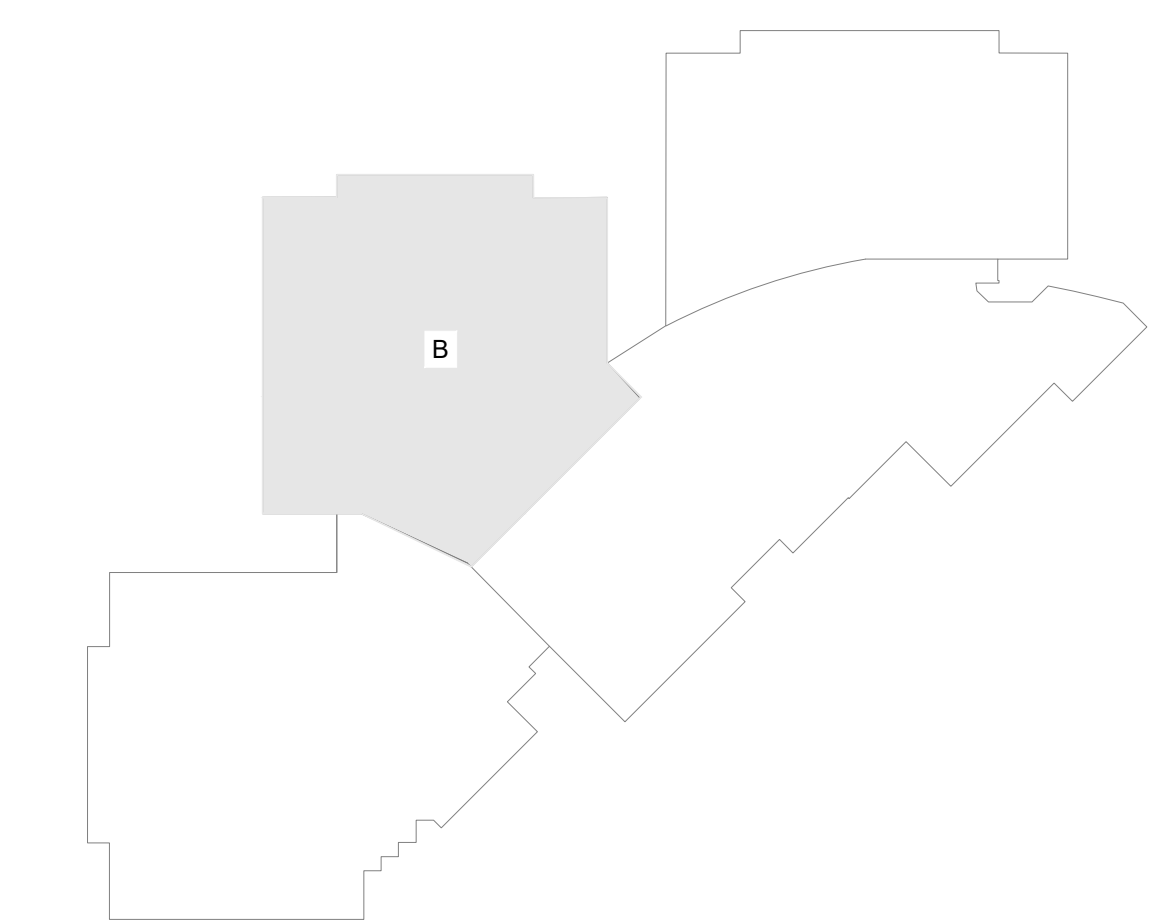
- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.



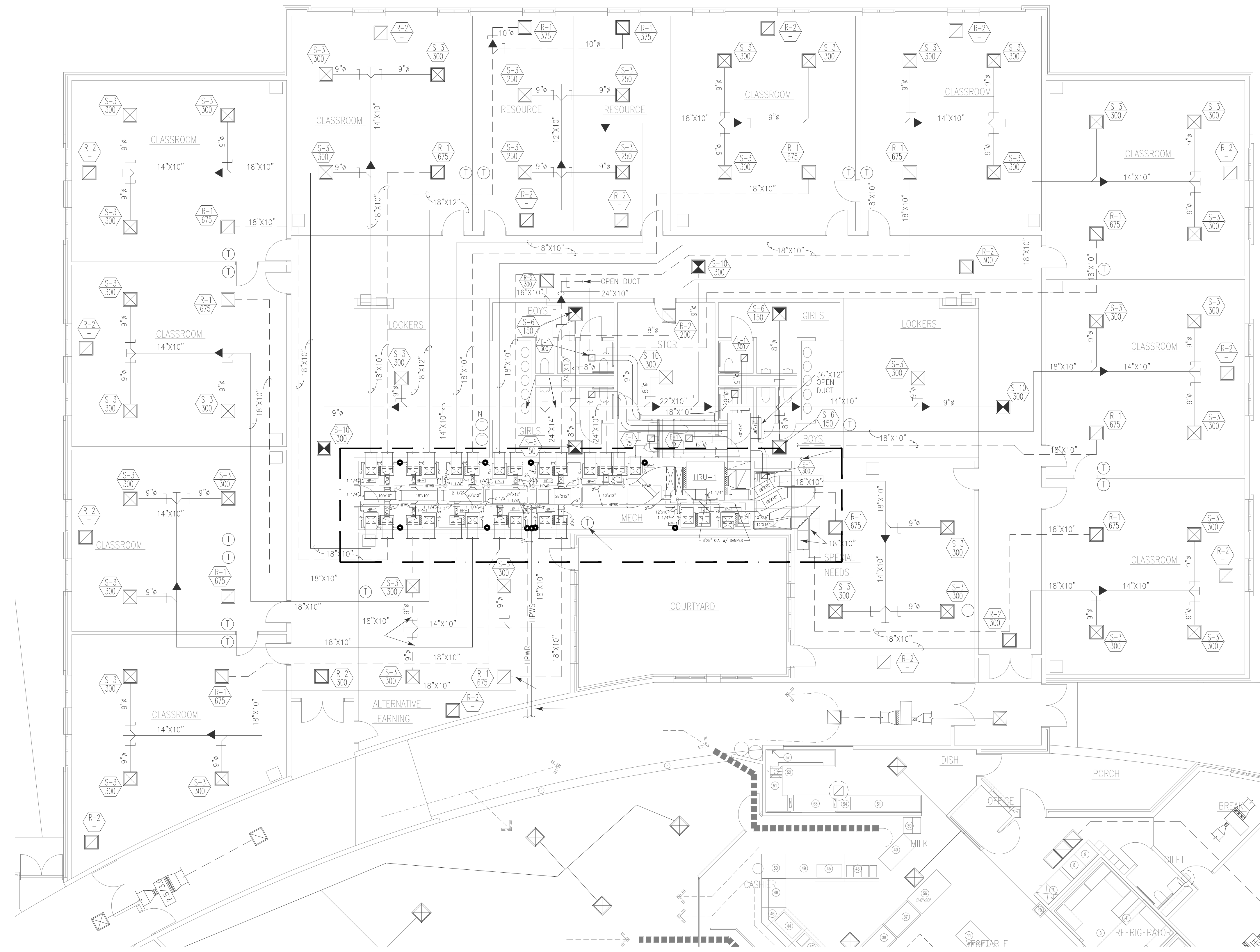
1 PARTIAL FIRST FLOOR PLAN - B - MECHANICAL
SCALE: 1/8"=1'-0"



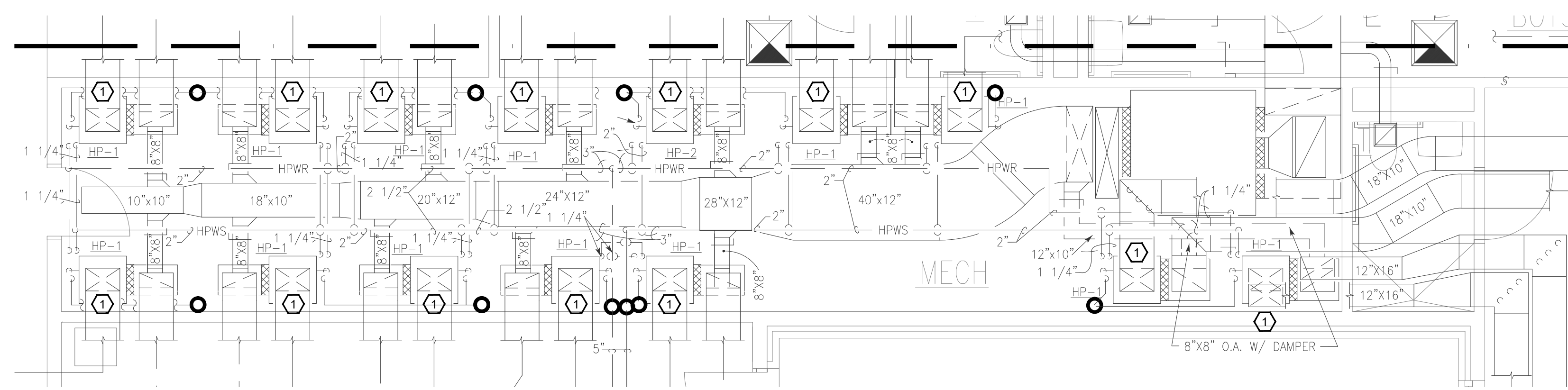
2 ENLARGED MECHANICAL ROOM PLAN
SCALE: 1/4"=1'-0"



KEY PLAN



1 PARTIAL FIRST FLOOR PLAN - C - MECHANICAL
SCALE: 1/8"=1'-0"



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

LEGEND

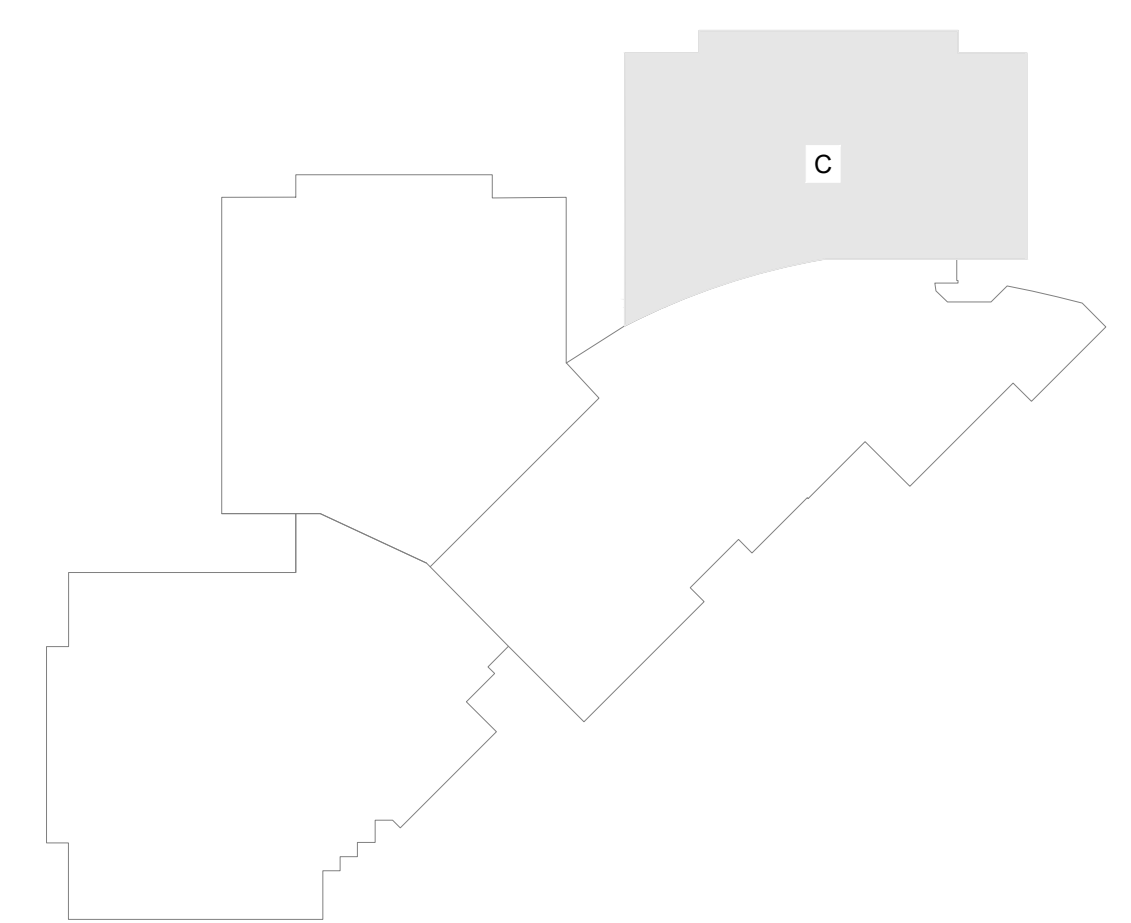
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXTENT OF DEMOLITION

GENERAL NOTES:

- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.



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LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- EXTENT OF DEMOLITION

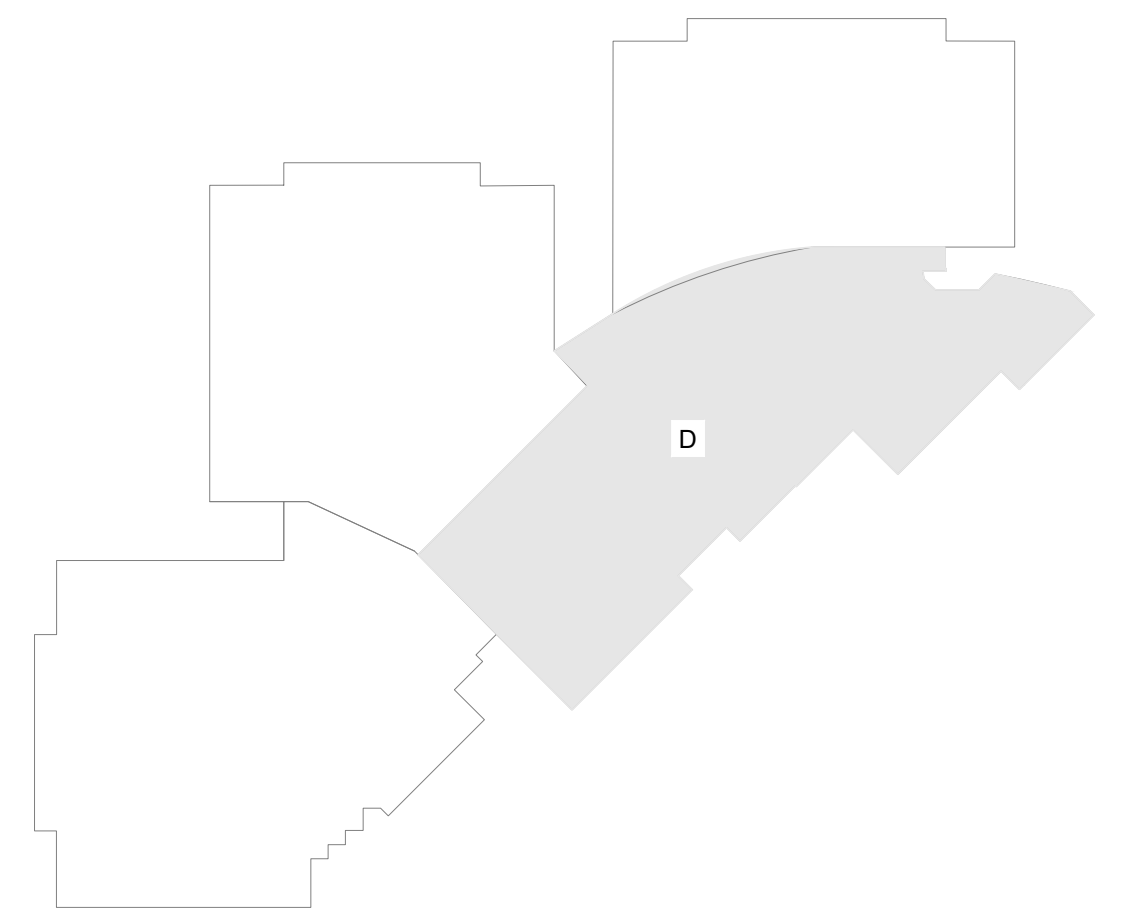
GENERAL NOTES:

- REFER TO SHEET NO.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.
- REPLACE 20-TON KITCHEN GEOTHERMAL HEAT PUMP.

1 PARTIAL FIRST FLOOR PLAN - D - MECHANICAL
SCALE: 1/8"=1'-0"



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1 PARTIAL SECOND FLOOR PLAN - E - MECHANICAL
SCALE: 1/8"=1'-0"

LEGEND

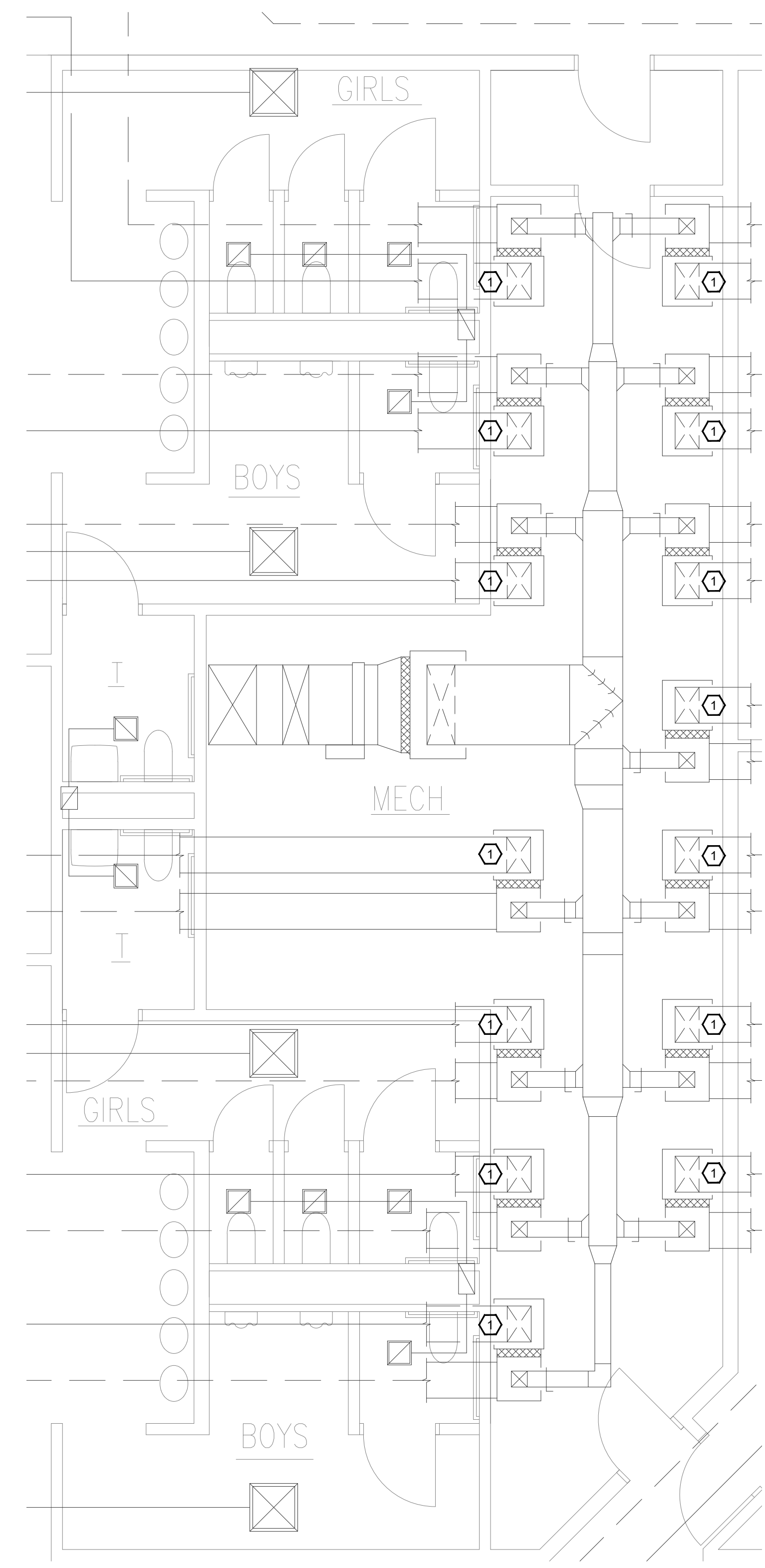
	EXISTING TO REMAIN
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	EXTENT OF DEMOLITION

GENERAL NOTES:

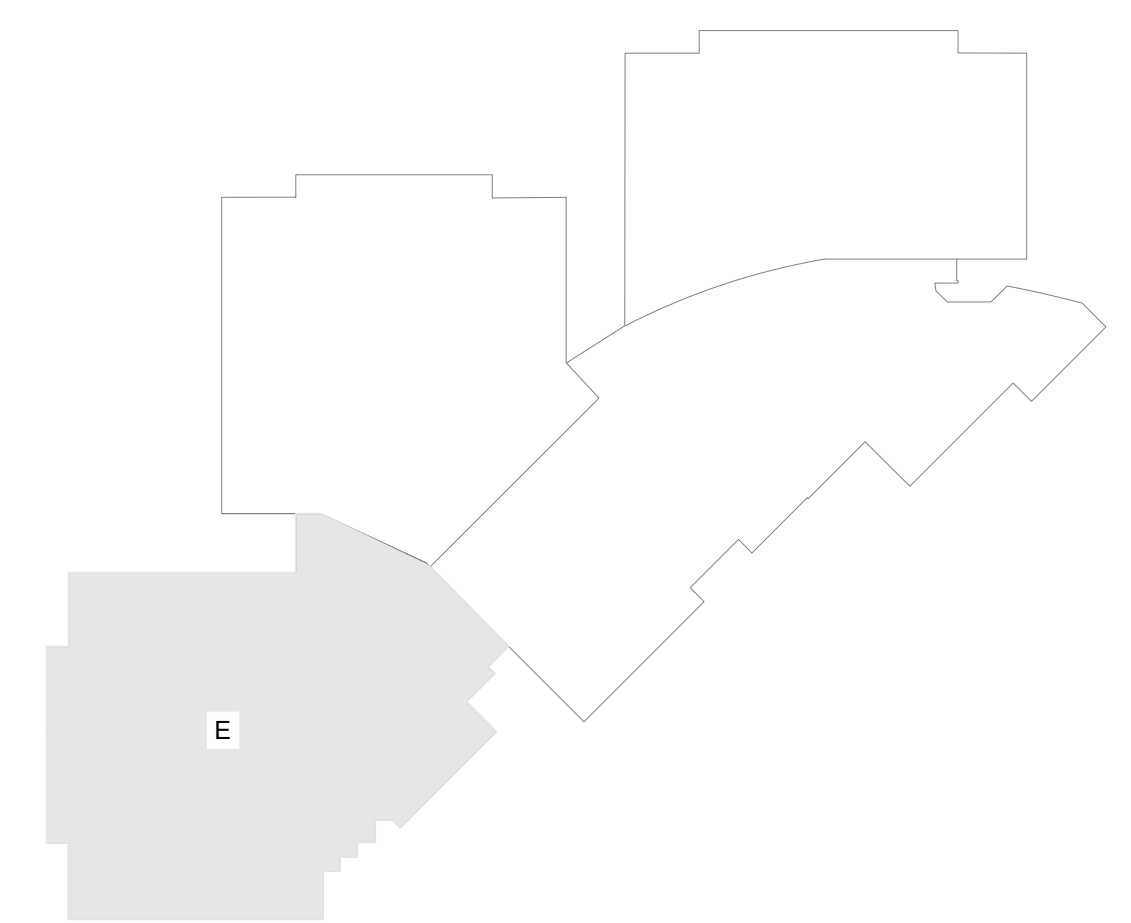
- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.



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



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M1.5

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M1.6

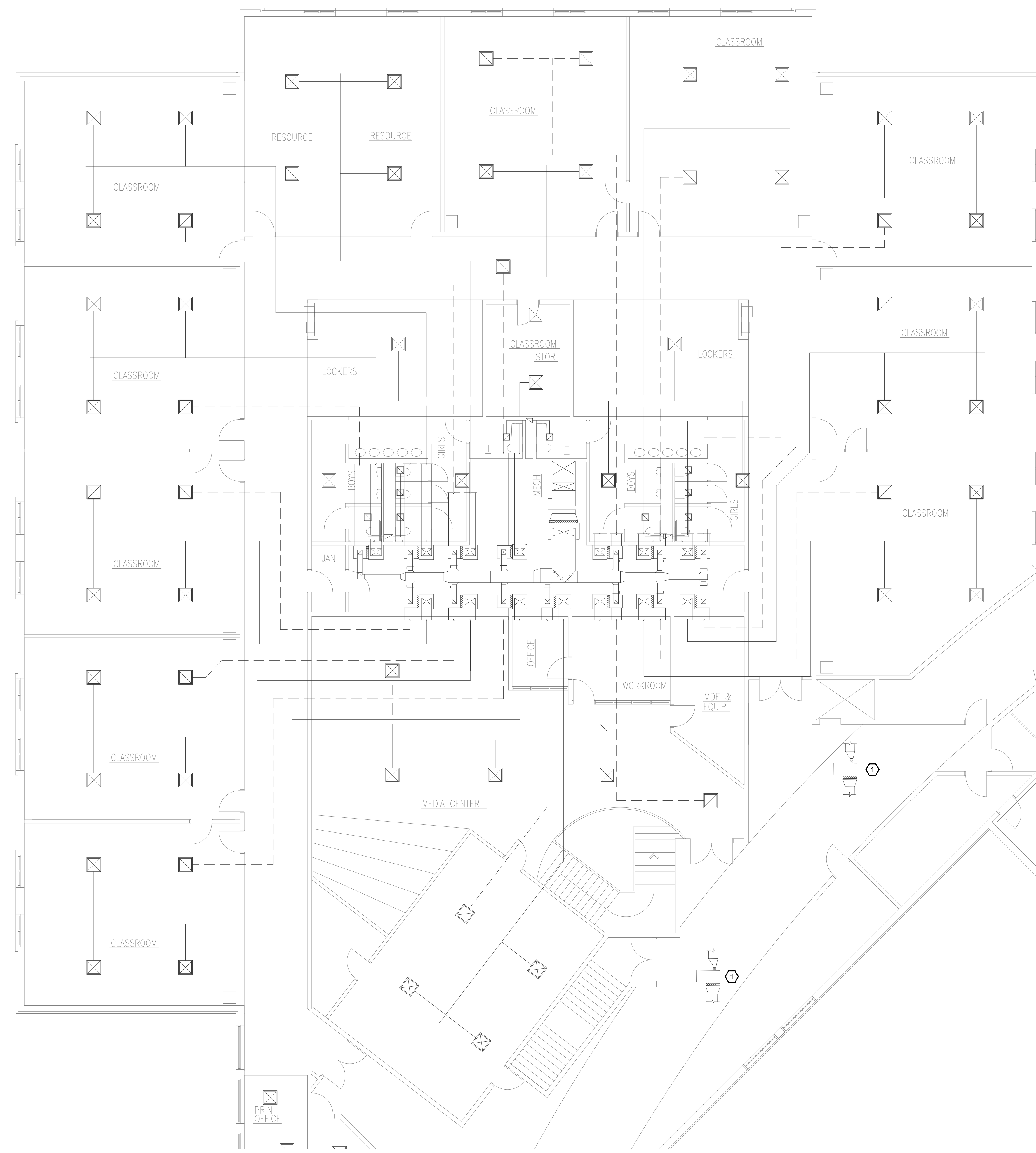
LEGEND	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXTENT OF DEMOLITION

GENERAL NOTES:

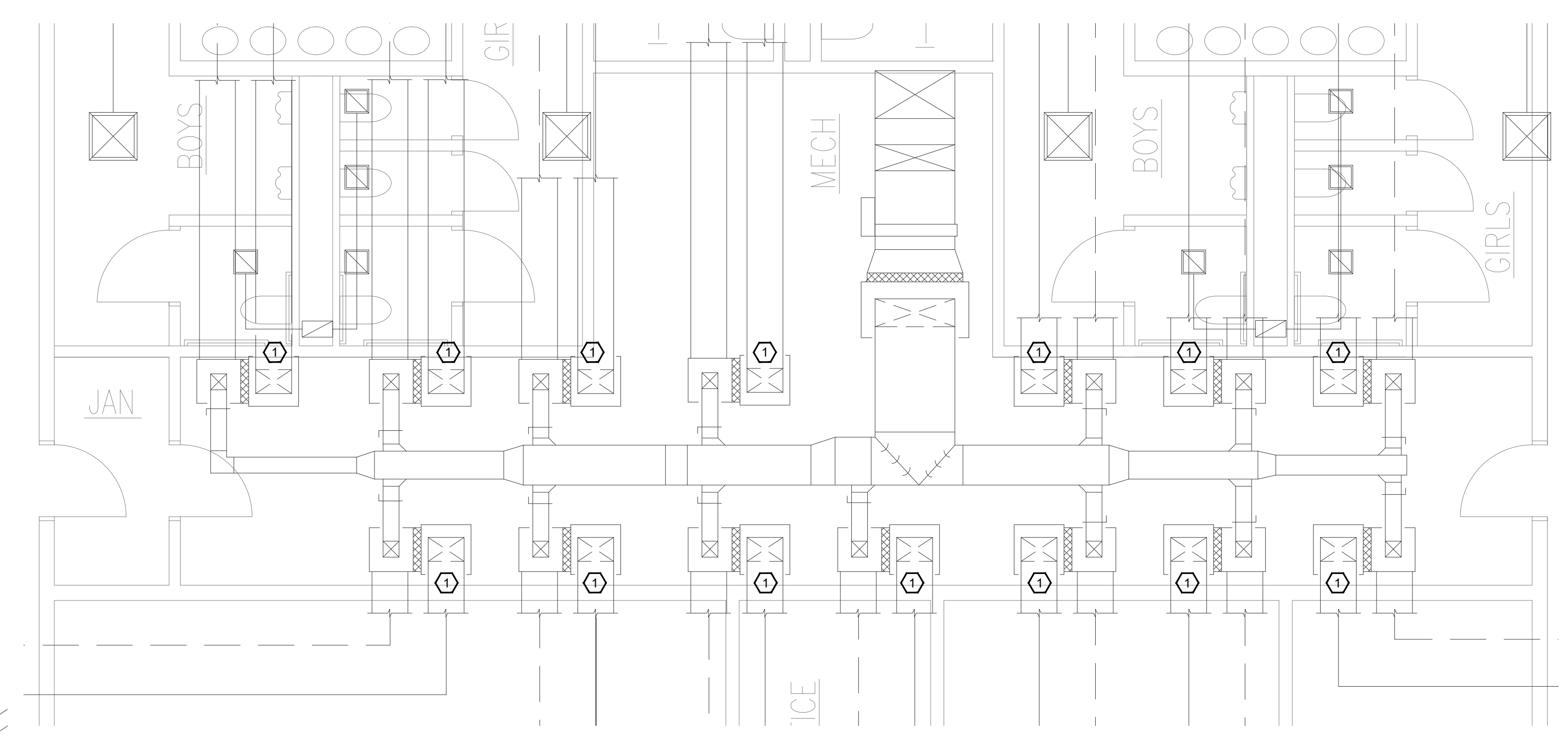
- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

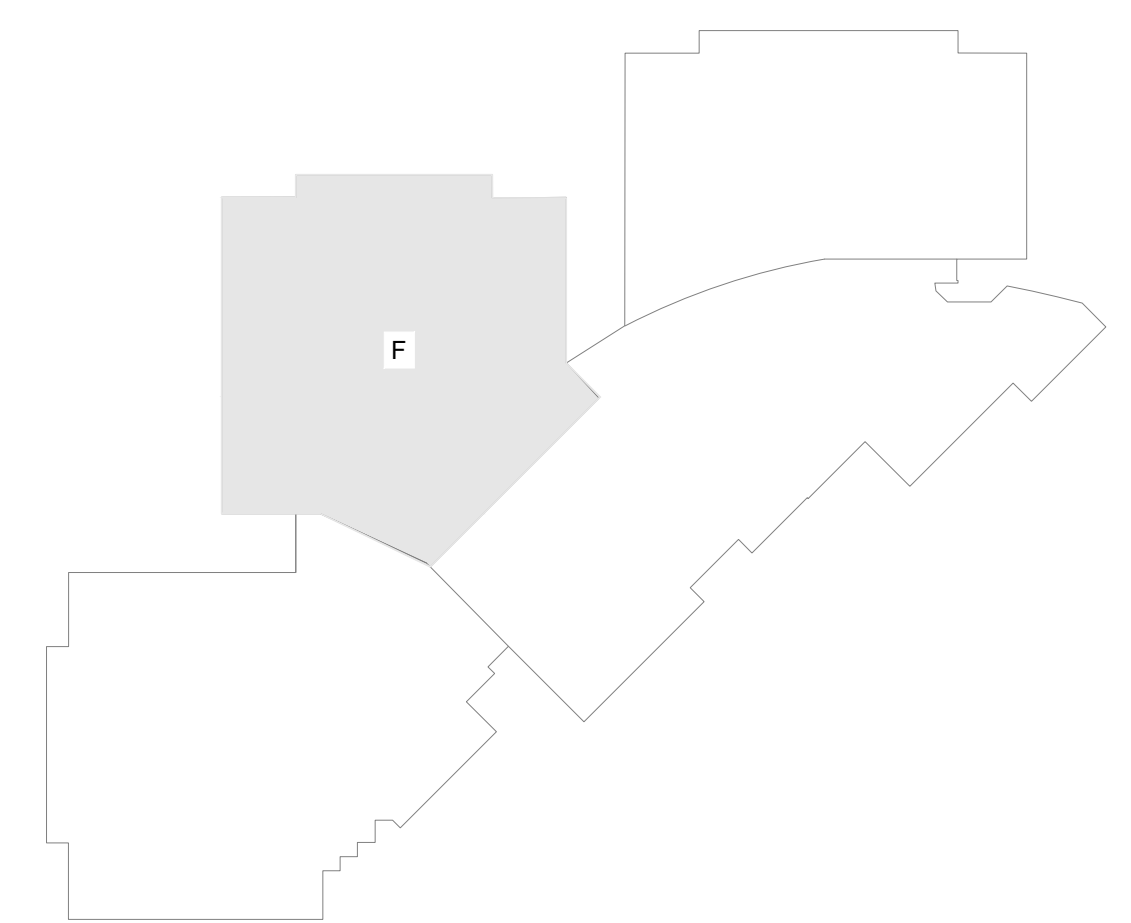
- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.
- REPLACE 10-TON CAFETERIA GEOTHERMAL HEAT PUMP.



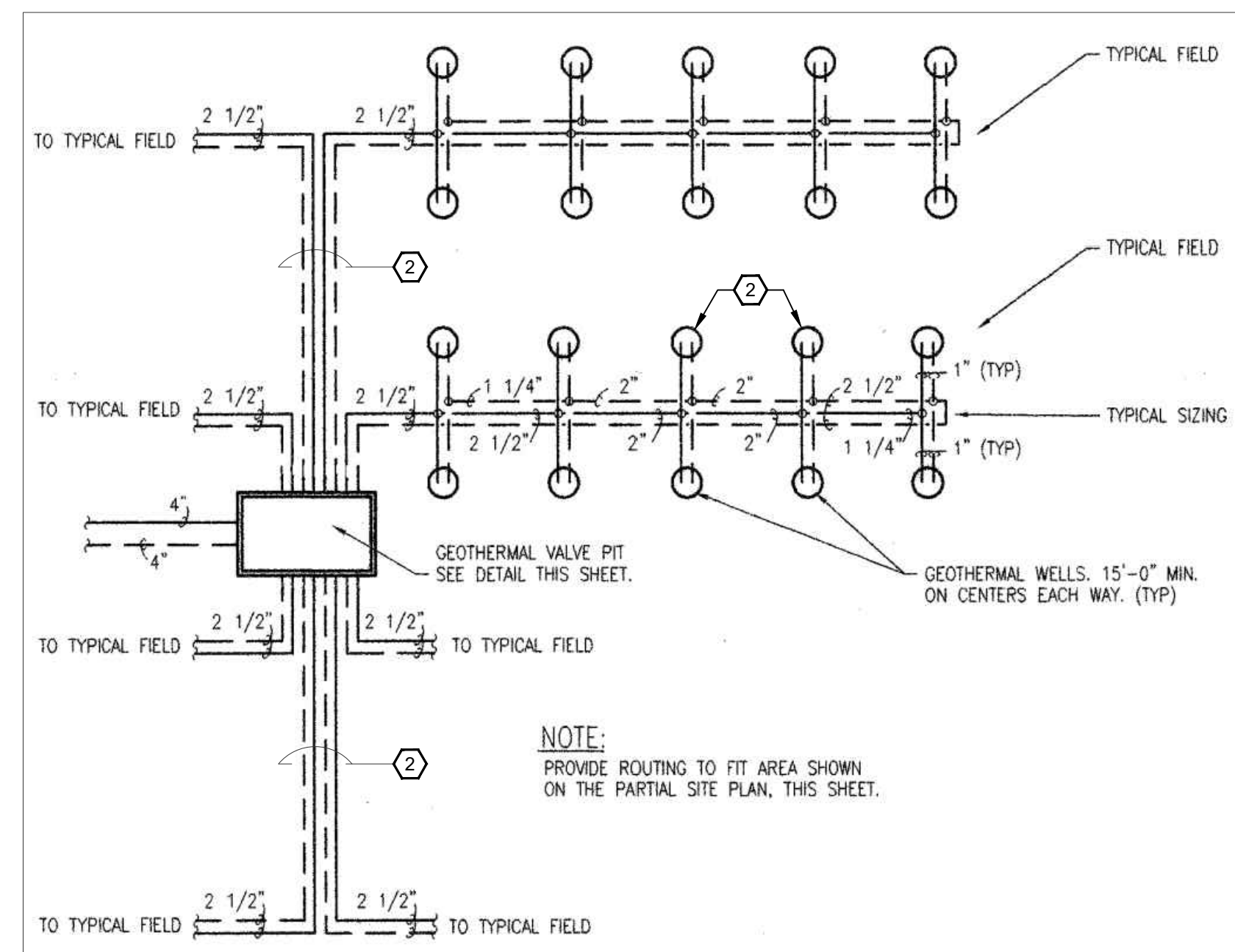
1 PARTIAL SECOND FLOOR PLAN - F - MECHANICAL
SCALE: 1/8"=1'-0"



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

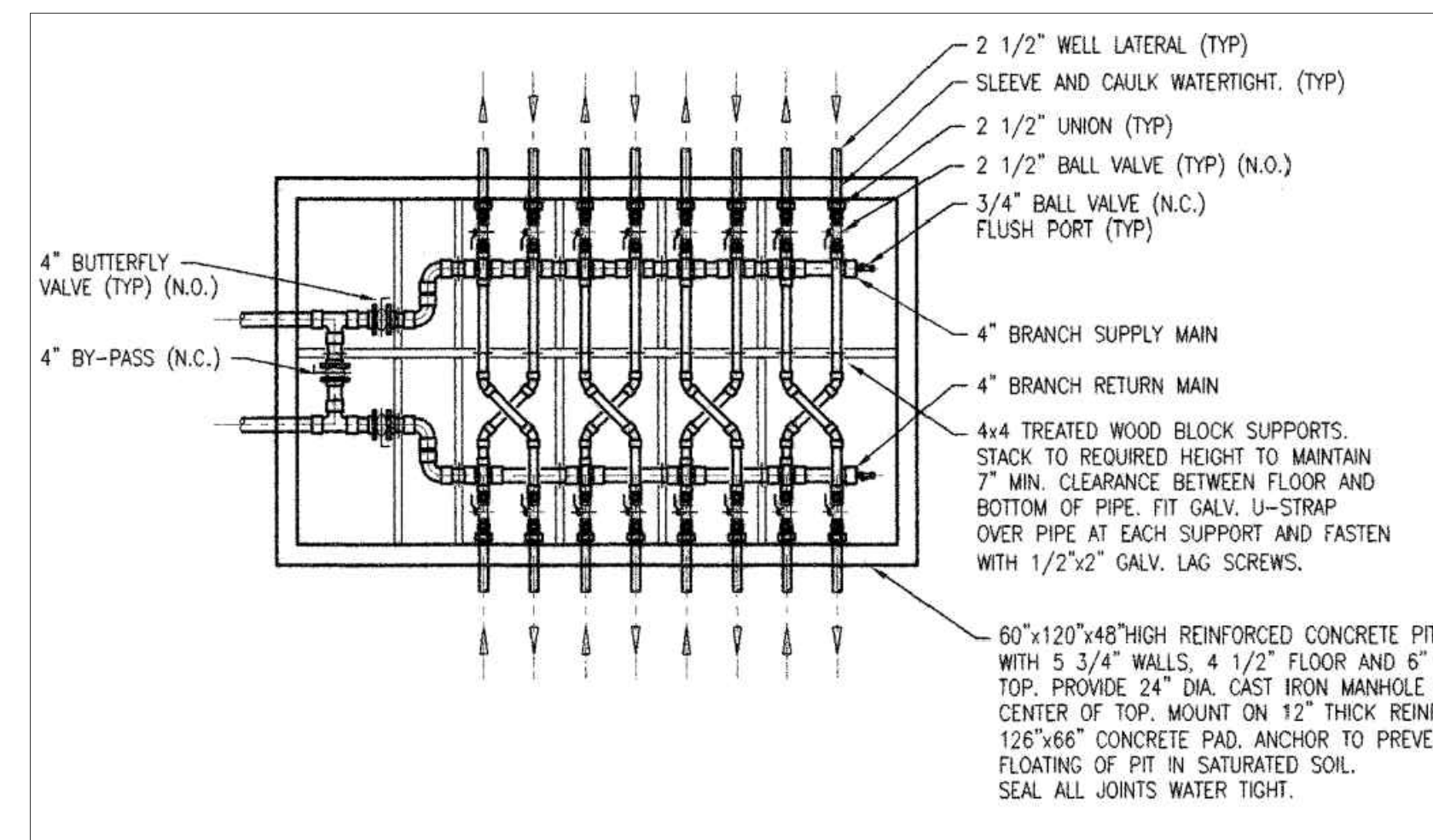


KEY PLAN



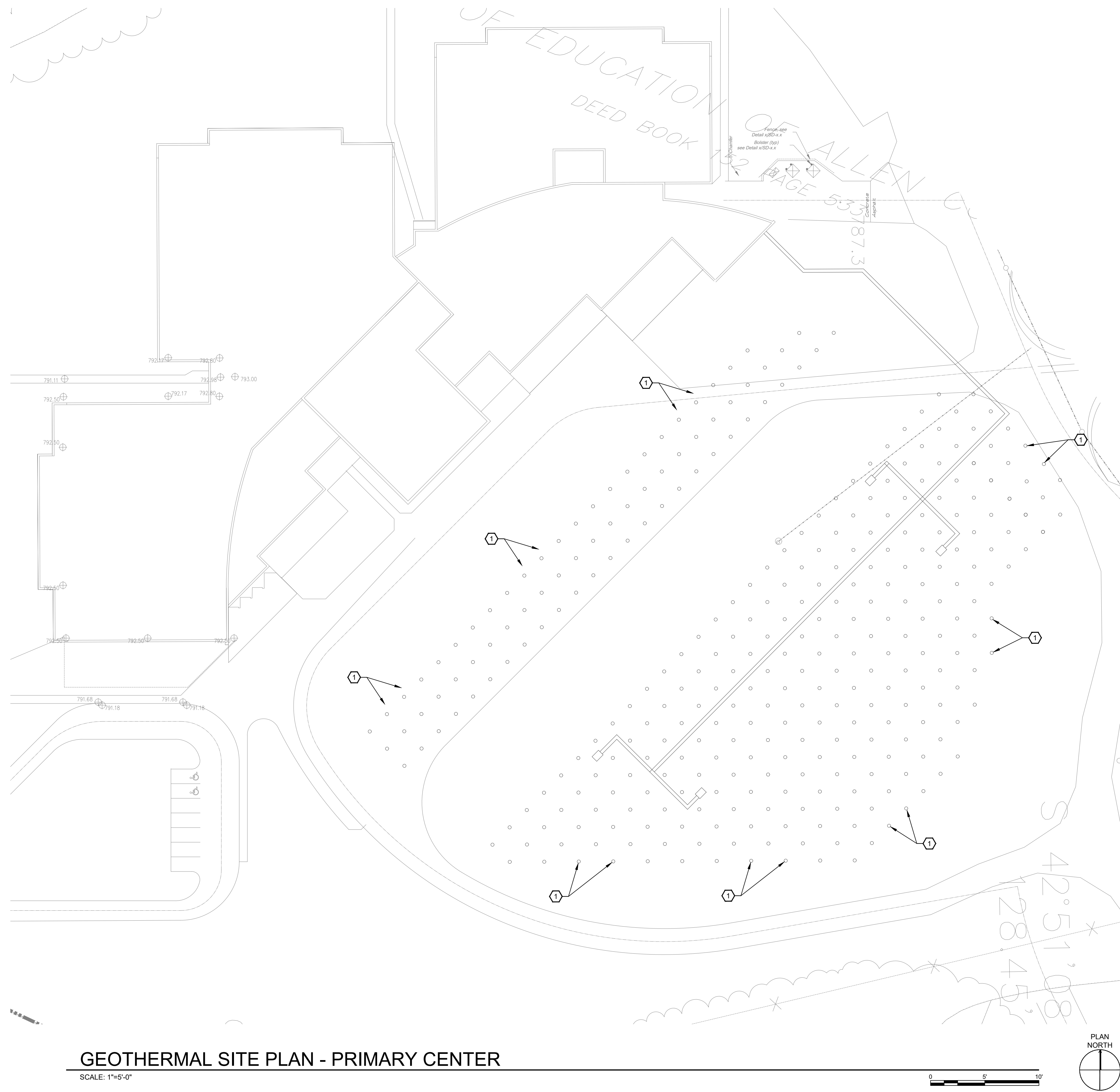
GEO THERMAL WELL LAYOUT / PIT

NOT TO SCALE



GEO THERMAL VALVE PIT DETAIL

NOT TO SCALE



GEO THERMAL SITE PLAN - PRIMARY CENTER

SCALE: 1"=5'-0"

GENERAL NOTES:

1. REFER TO SHEET M0.1 FOR GENERAL NOTES.

○ SHEET KEYNOTES:

1. CONTRACTOR TO EXCAVATE AND CUT OPEN PIPING FOR EACH INDIVIDUAL WELL AND FLUSH. TYPICAL FOR ALL.
2. CONTRACTOR TO REPLACE ALL ELECTROFUSED BUTT JOINTS WITH ELECTROFUSED COUPLINGS. TYPICAL FOR ALL.

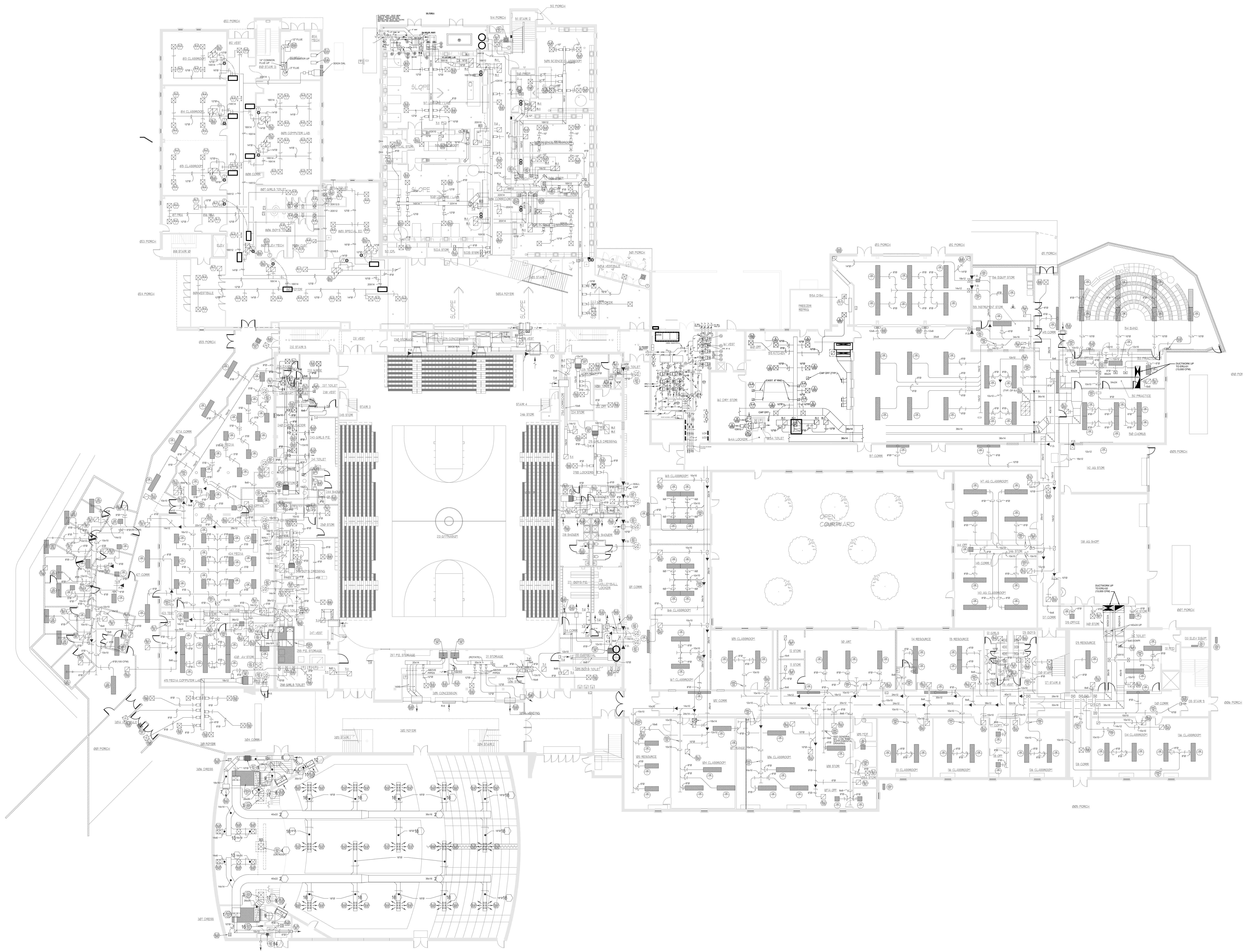
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SHEET

M1.7



1 OVERALL FIRST FLOOR PLAN - MECHANICAL

SCALE: 1/16"=1'-0"

0 8' 16' 32'

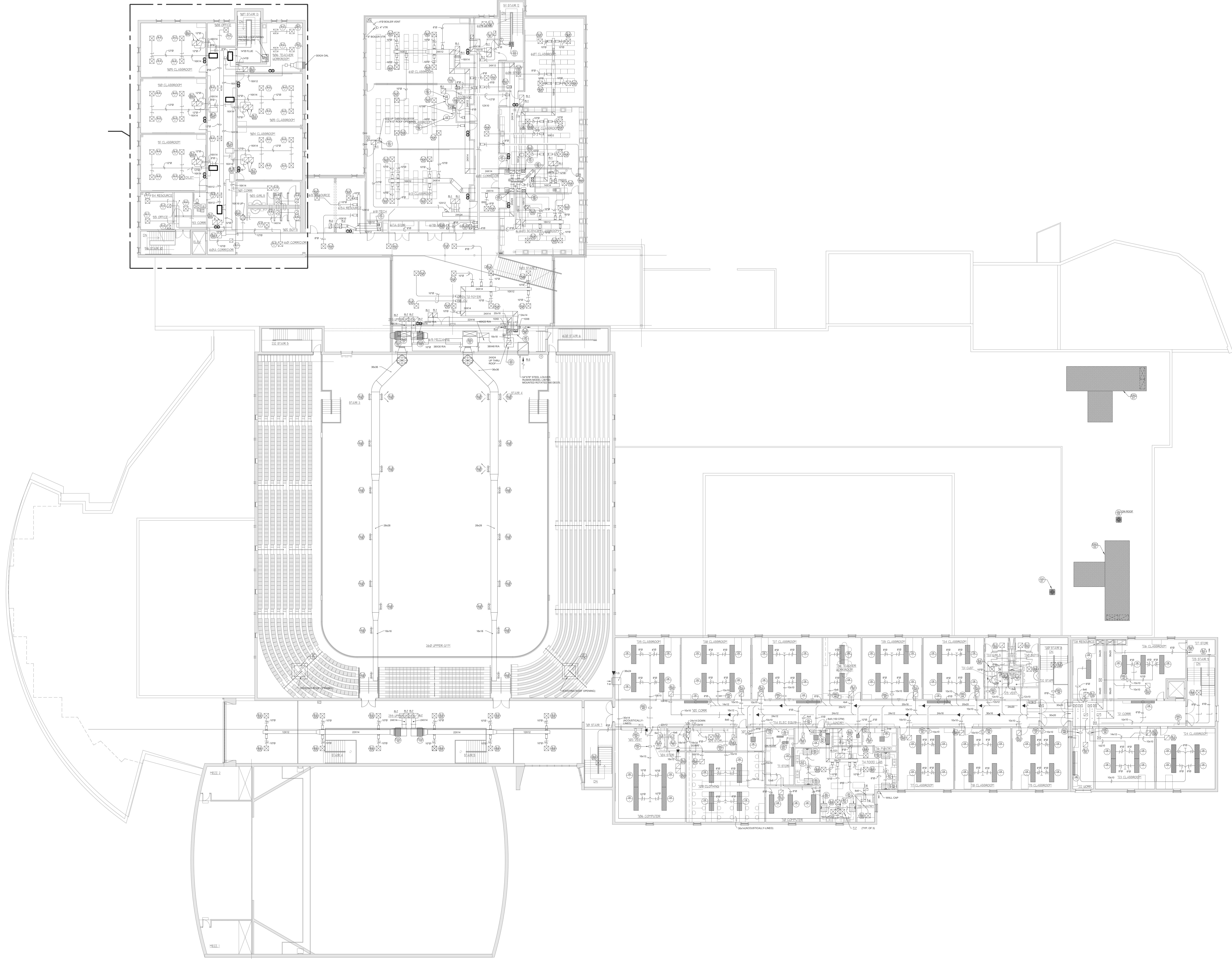
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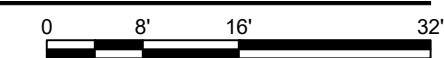
SHEET

M2.1



1 OVERALL SECOND FLOOR PLAN - MECHANICAL

SCALE: 1/16"=1'-0"



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M2.2

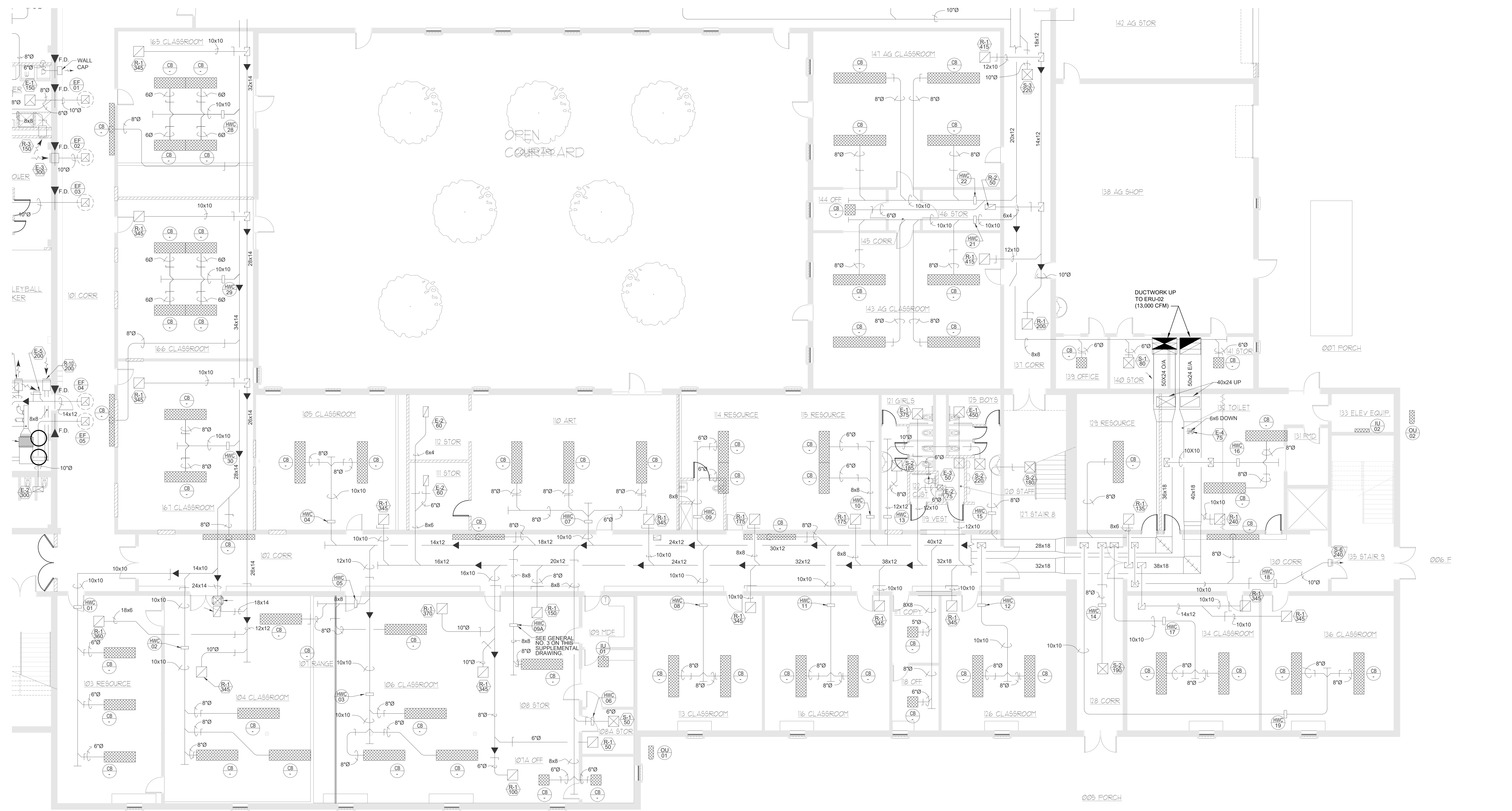
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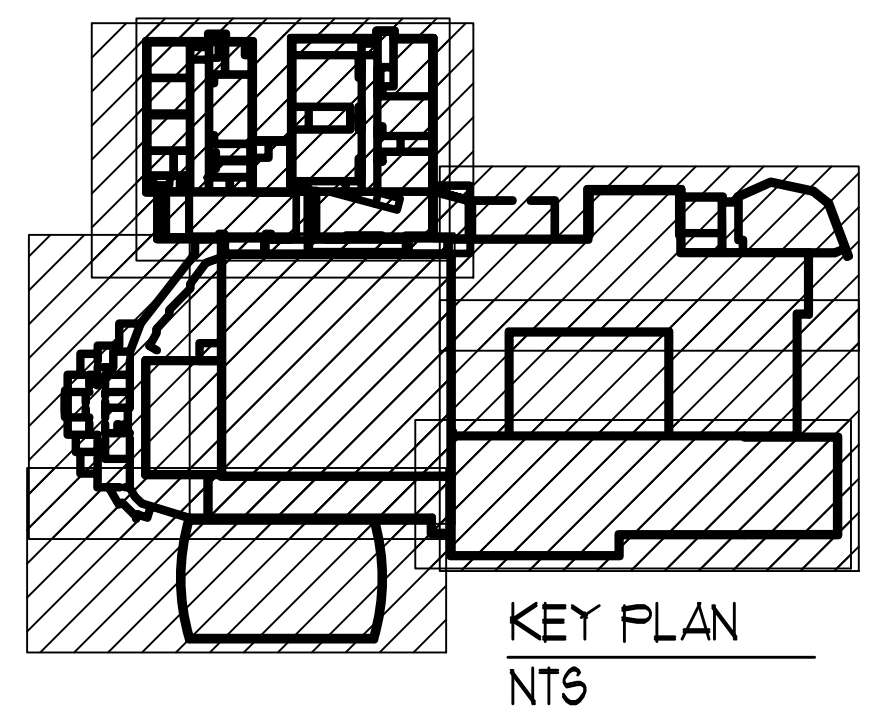
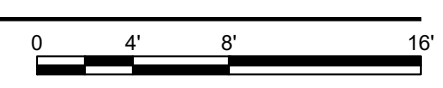
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M2.3



1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"



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M2.4

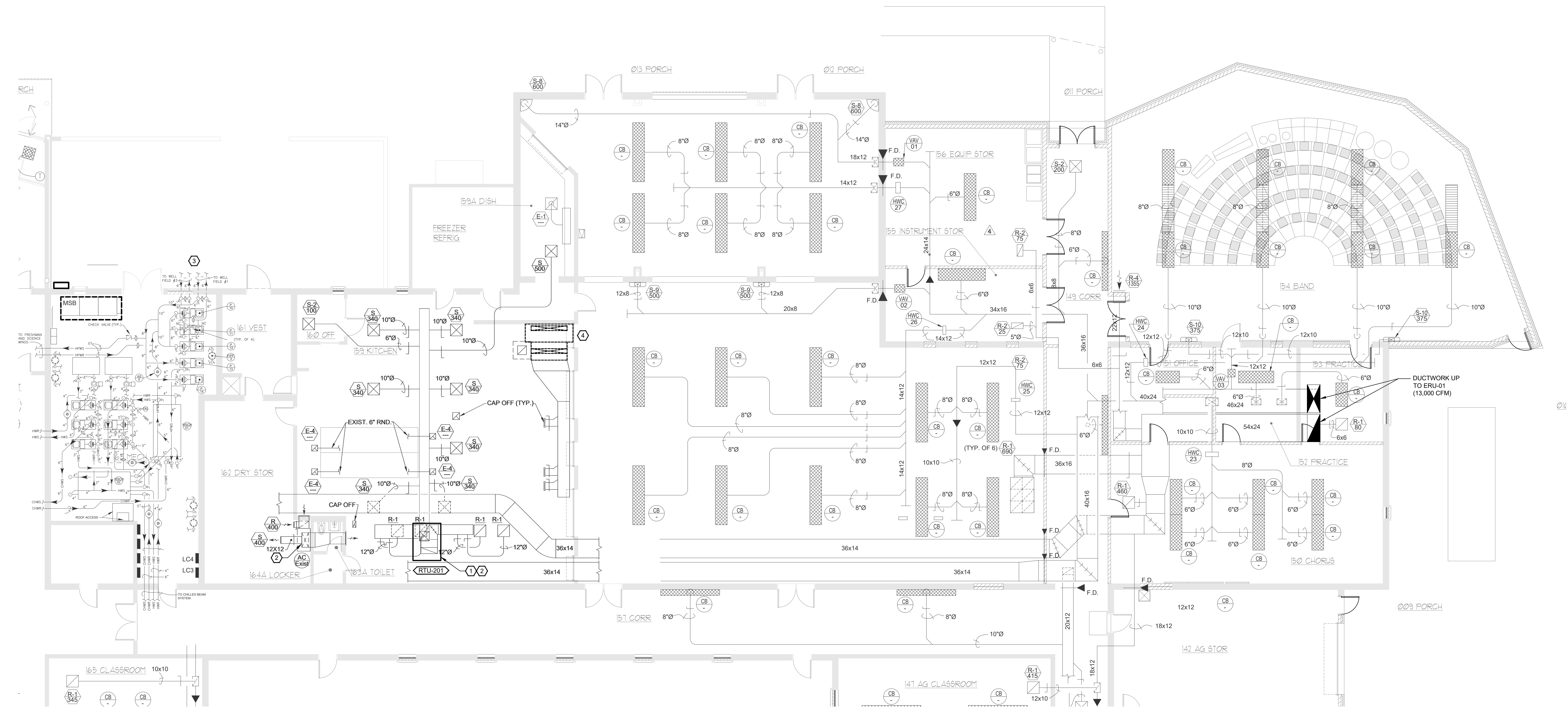
LEGEND	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXTENT OF DEMOLITION

GENERAL NOTES:

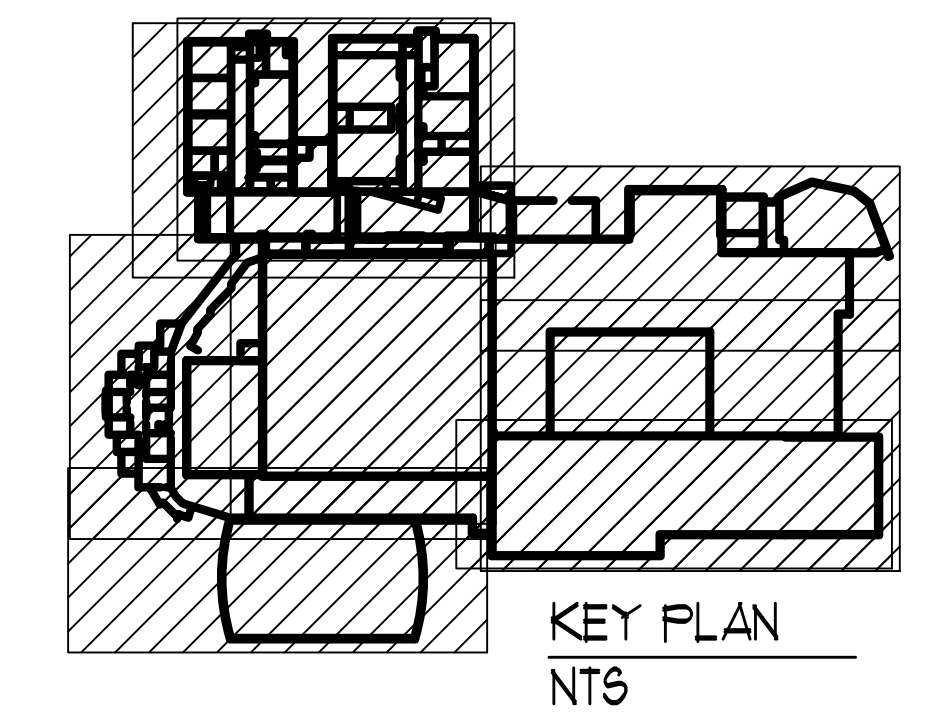
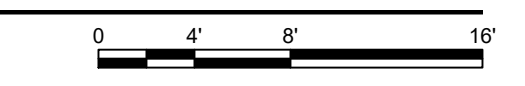
- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

- REPLACE EXISTING RTU.
- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE GPS OR APPROVED EQUAL.
- FLUSH AND PURGE GEOTHERMAL WELL FIELD.
- REMOVE EXISTING ROOFTOP UNIT AND TURN OVER TO OWNER. CAP EXISTING OPENING AND SEAL WEATHERWATER TIGHT.



1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"



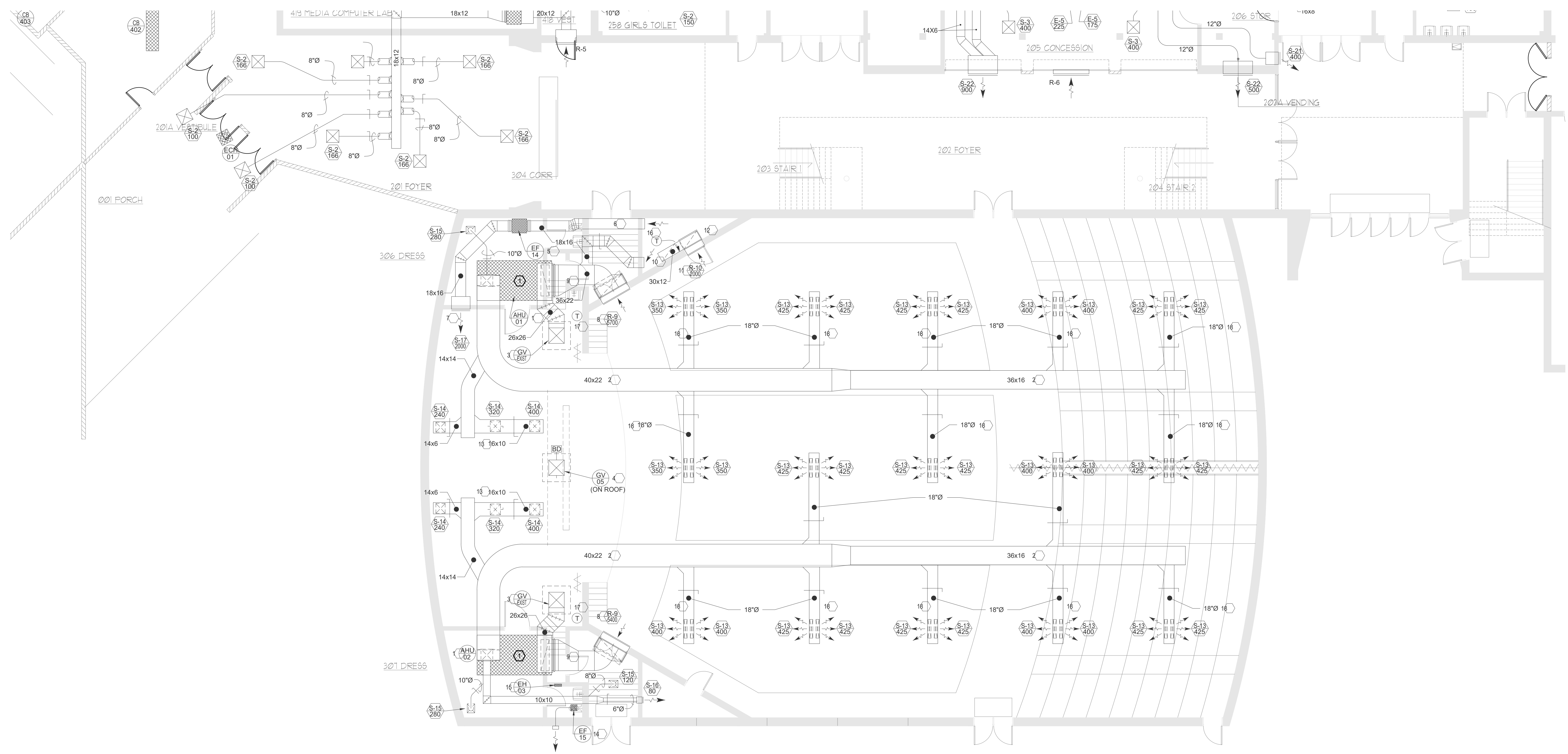
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LEGEND

- EXISTING TO REMAIN
- - - EXISTING TO BE REMOVED
- ◀ EXTENT OF DEMOLITION

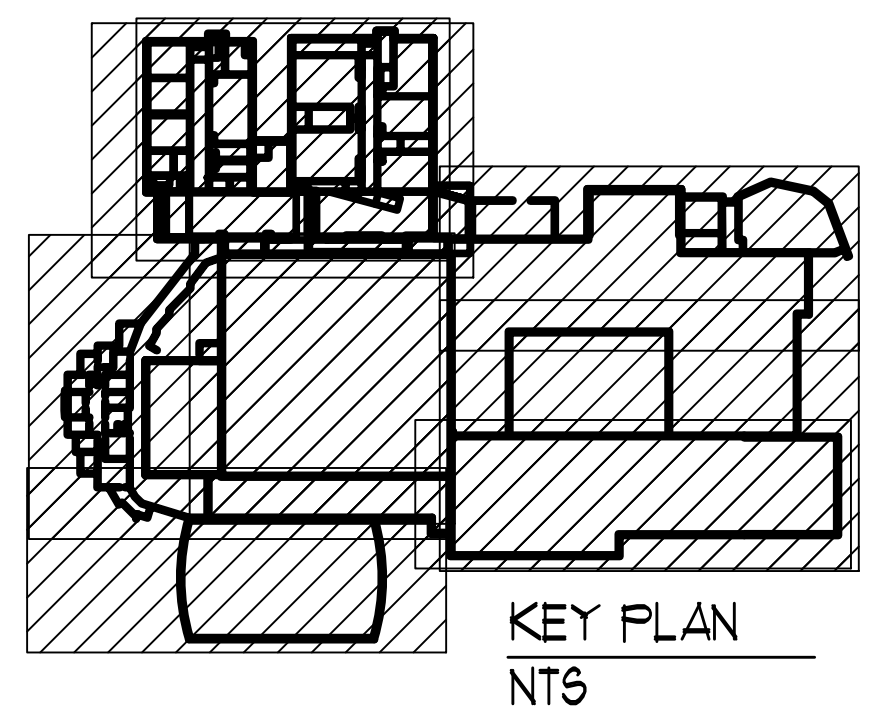
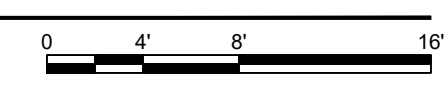
GENERAL NOTES:

- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE GPS OR APPROVED EQUAL.

1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"



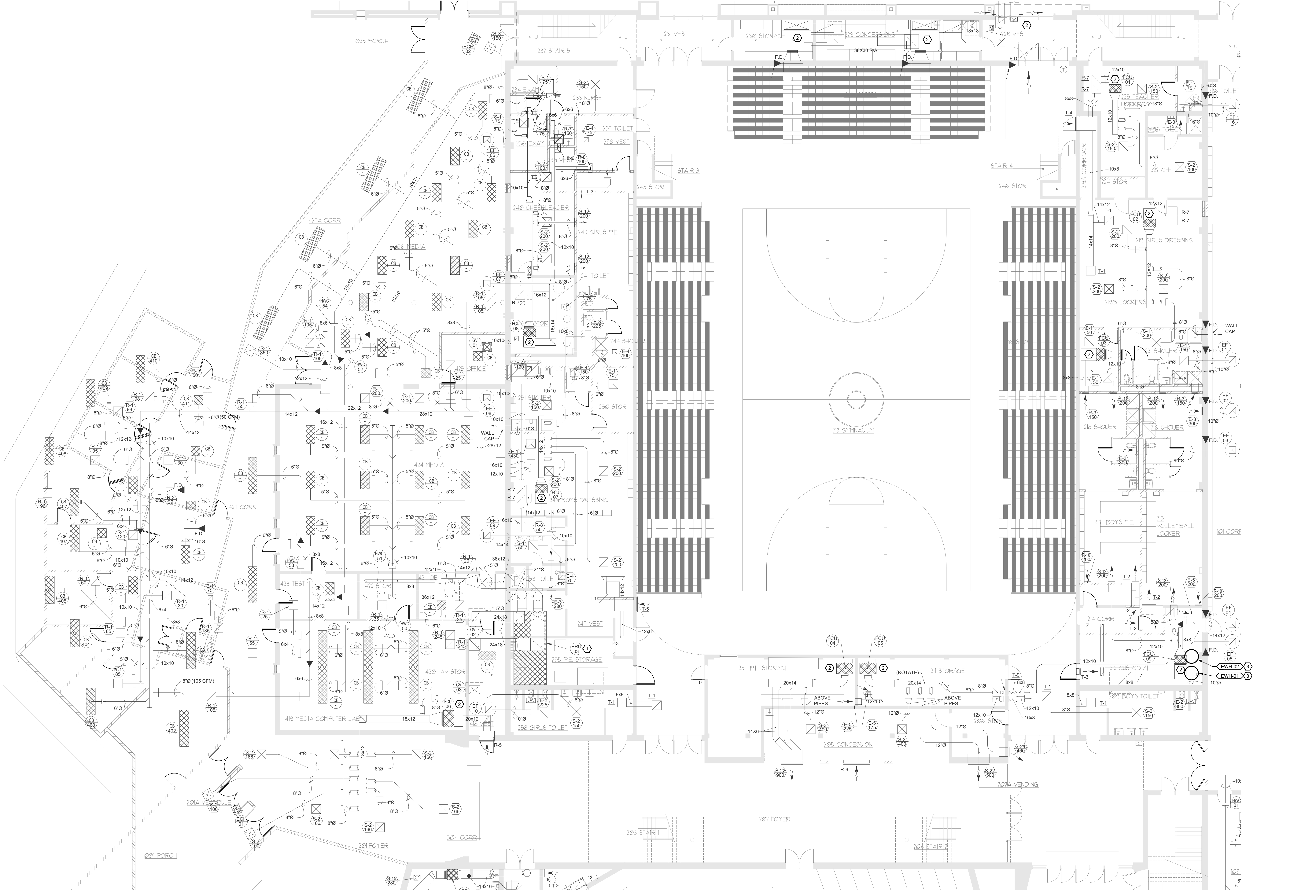
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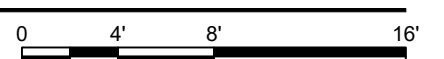
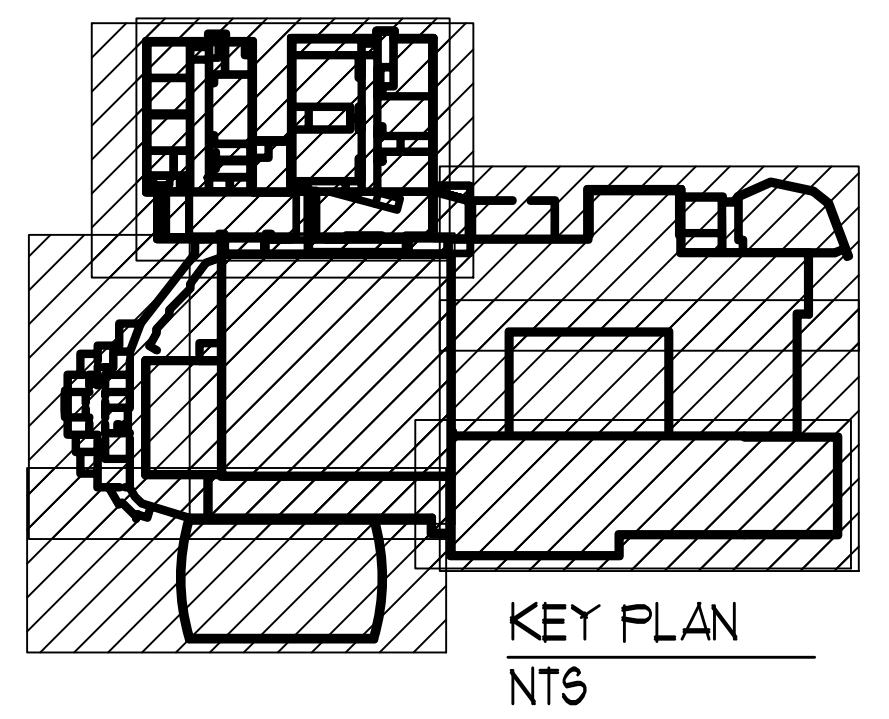


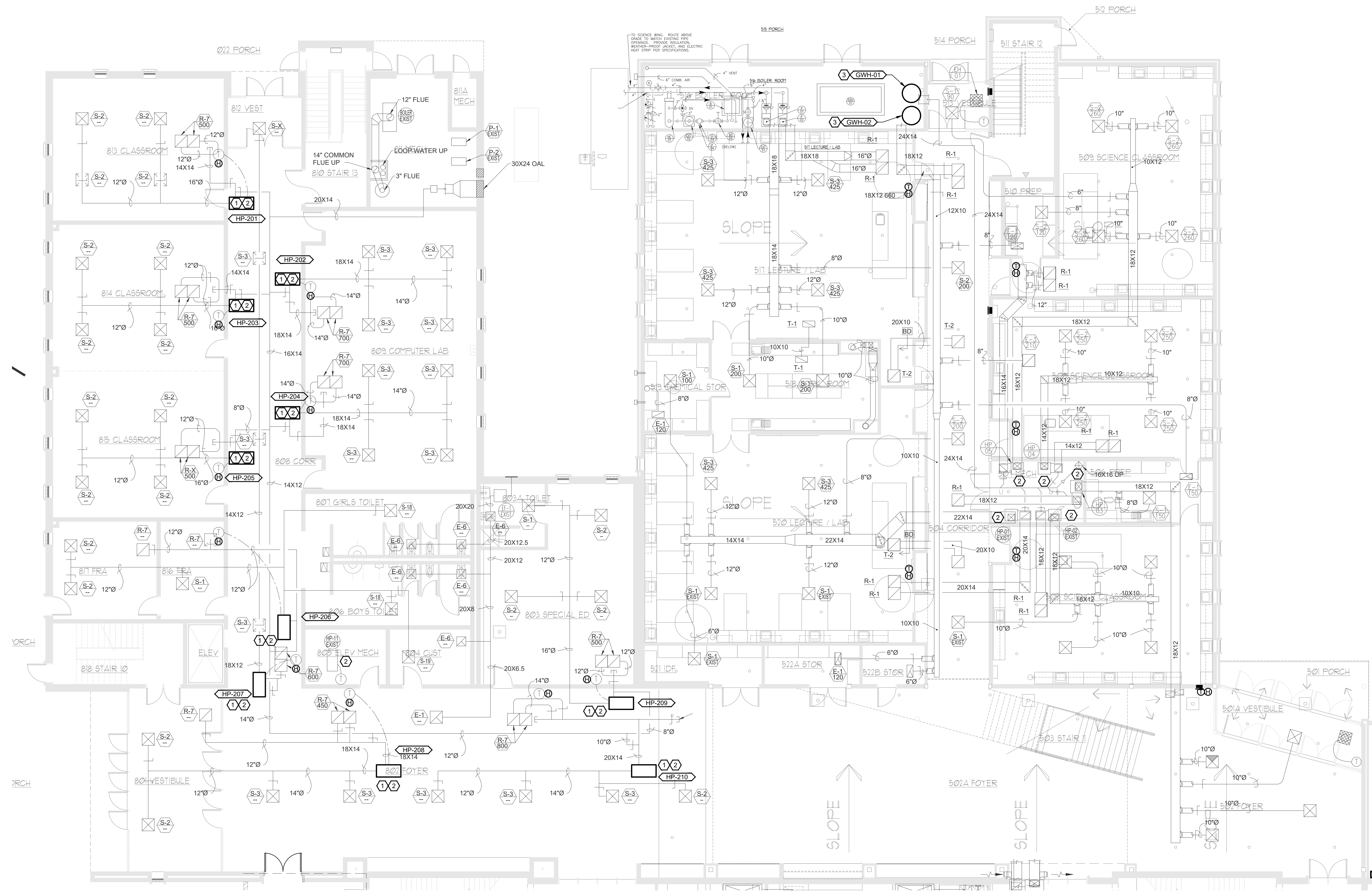
1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"

LEGEND	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXTENT OF DEMOLITION

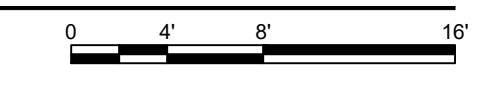
GENERAL NOTES:
1. REFER TO SHEET M0.1 FOR GENERAL NOTES.

- SHEET KEYNOTES:
1. REPLACE ENERGY RECOVERY WHEEL AND DEHUMIDIFICATION WHEEL. RE-COMMISSION ERU. NO WORK ON CHILLED BEAMS.
 2. PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE GPS OR APPROVED EQUAL.
 3. REPLACE ELECTRIC WATER HEATERS.





1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"



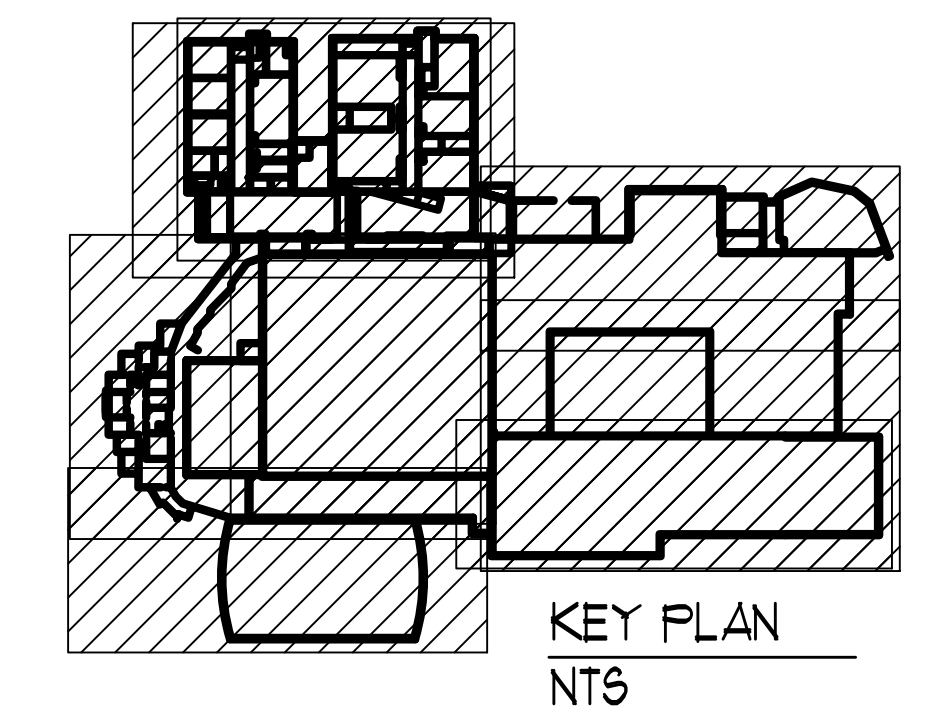
LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- EXTENT OF DEMOLITION

GENERAL NOTES:

- REFER TO SHEET M0.1 FOR GENERAL NOTES.

- SHEET KEYNOTES:**
- REPLACE HEAT PUMP UNIT. PROVIDE HEAT PUMP UNIT WITH HOT GAS REHEAT AND HUMIDITY SENSOR.
 - PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE OHS OR APPROVED EQUAL.
 - REPLACE FAILED WATER HEATER WITH ON DEMAND WATER HEATER.



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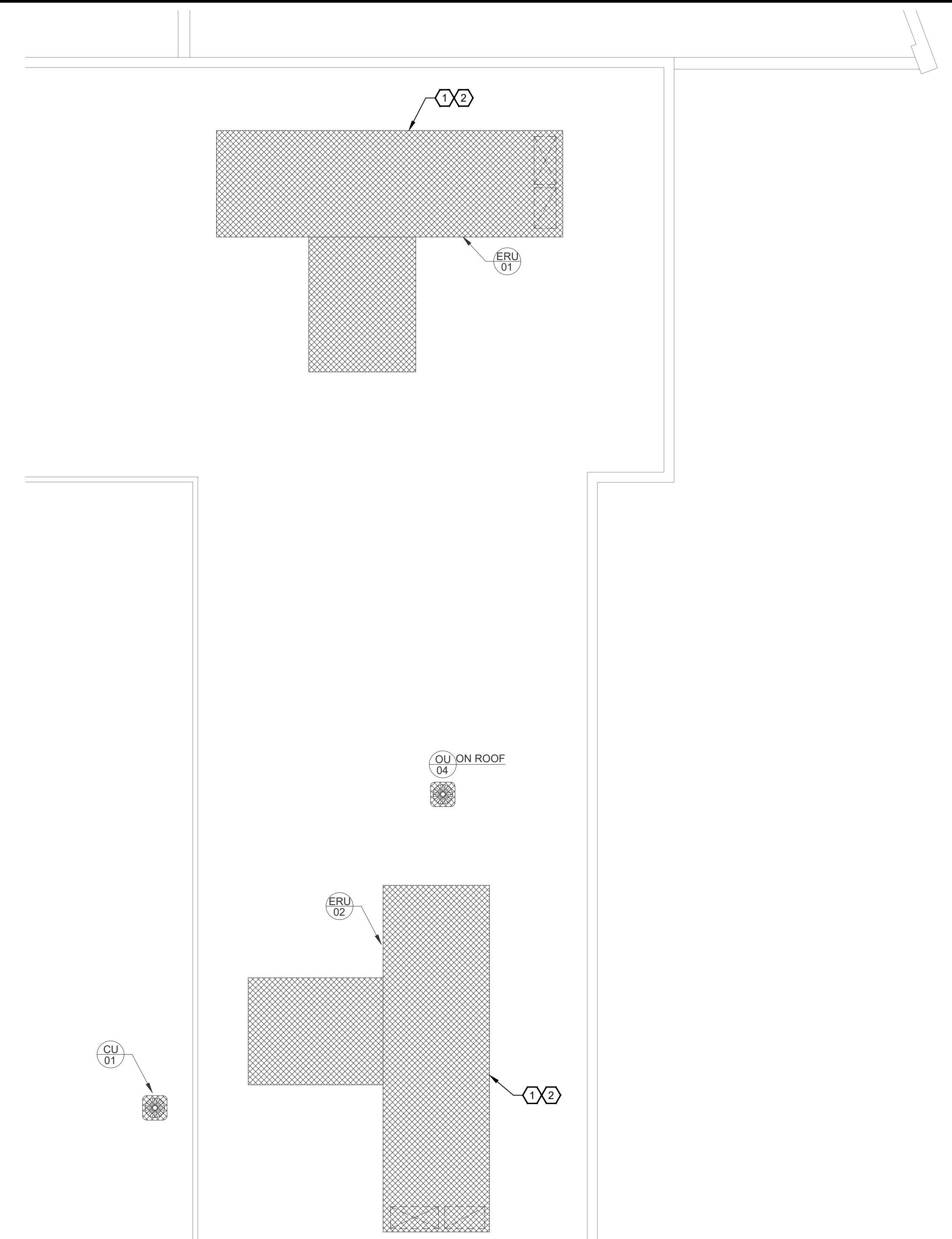
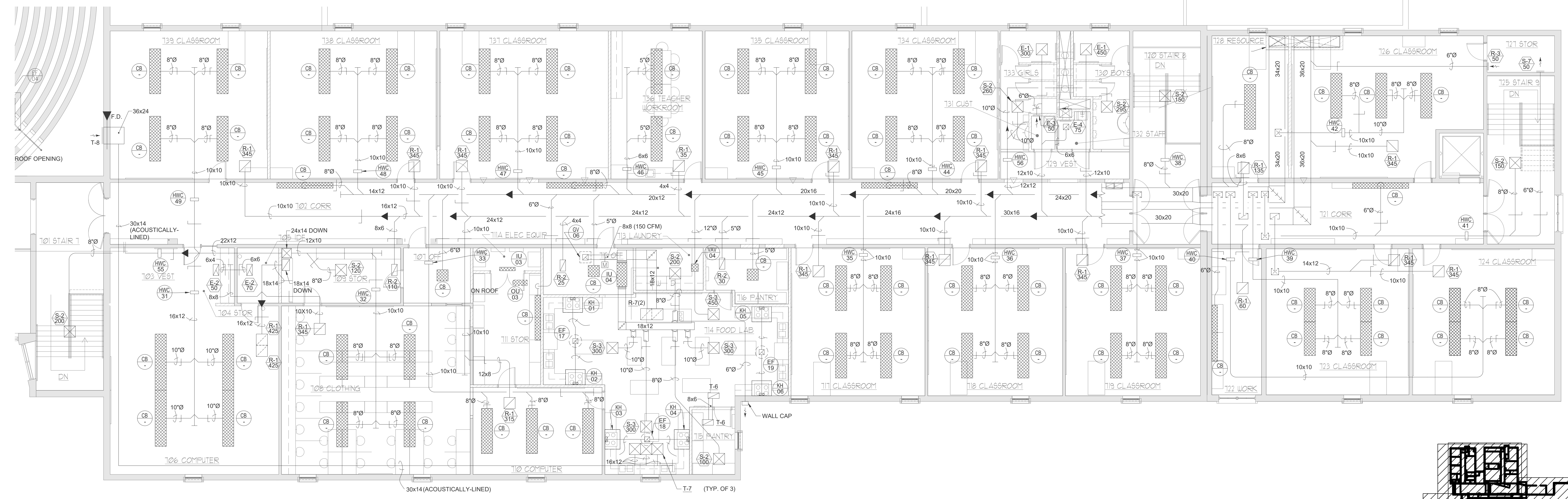
SHEET

M2.8

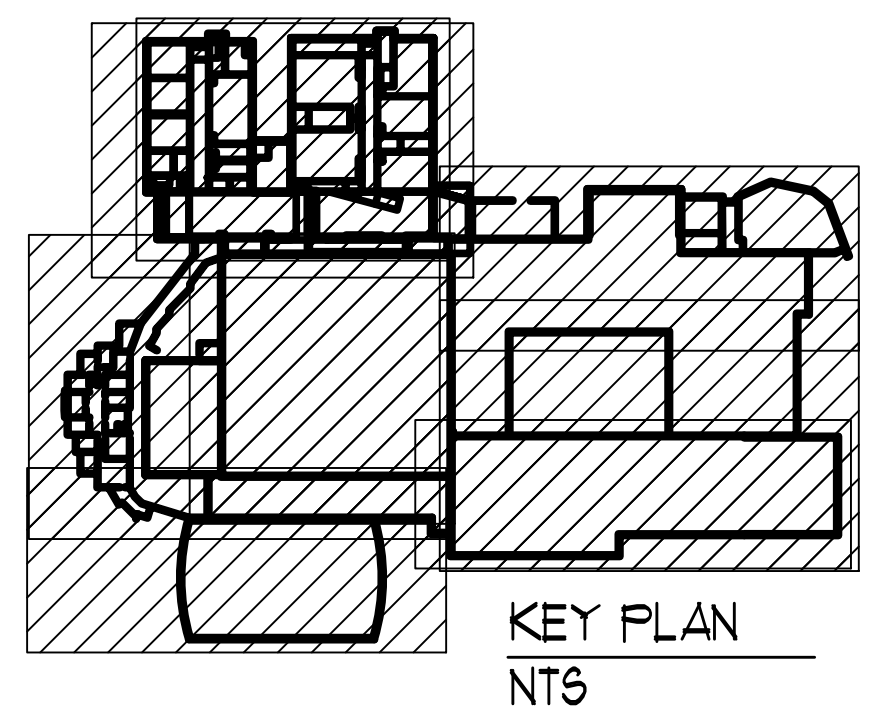
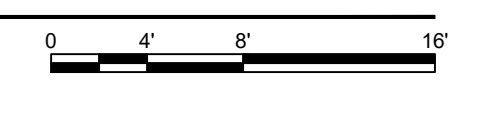
LEGEND	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXTENT OF DEMOLITION

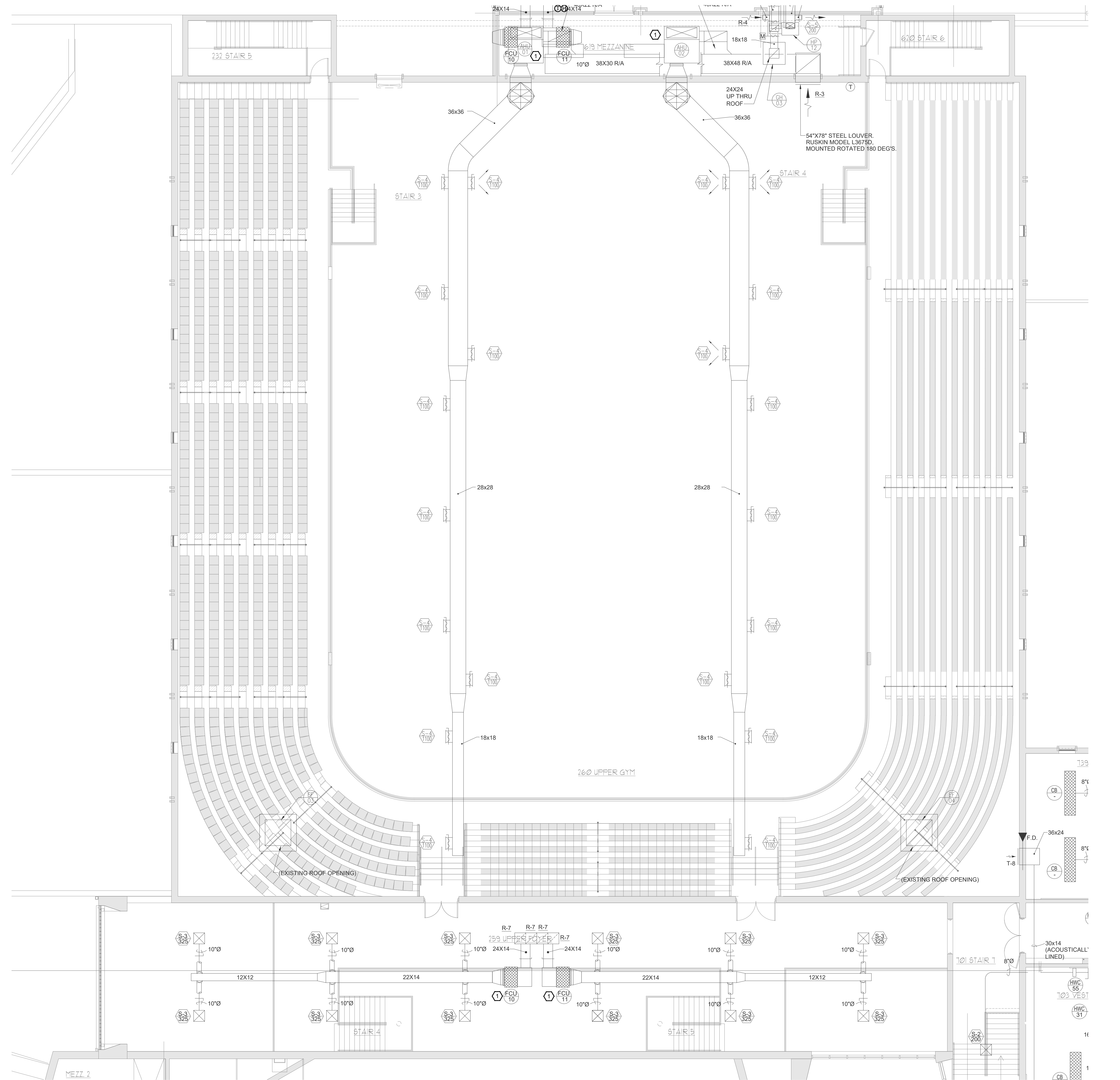
GENERAL NOTES:
1. REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:
1. REPLACE ENERGY RECOVERY WHEEL AND DEHUMIDIFICATION WHEEL. RE-COMMISSION ERU. NO WORK ON CHILLED BEAMS.
2. PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE GPS OR APPROVED EQUAL.

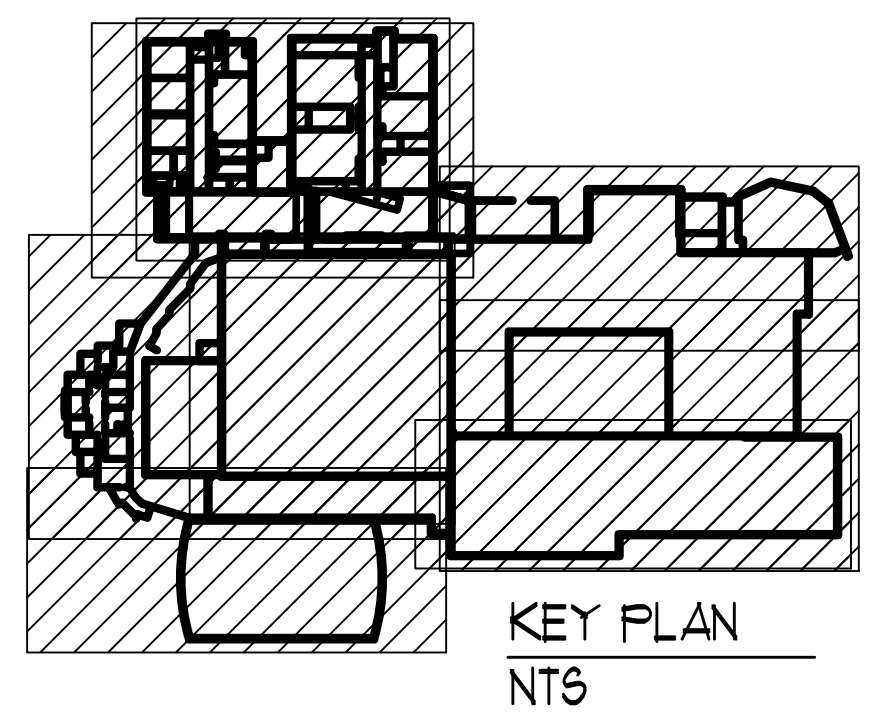
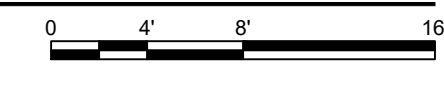


1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"





1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"

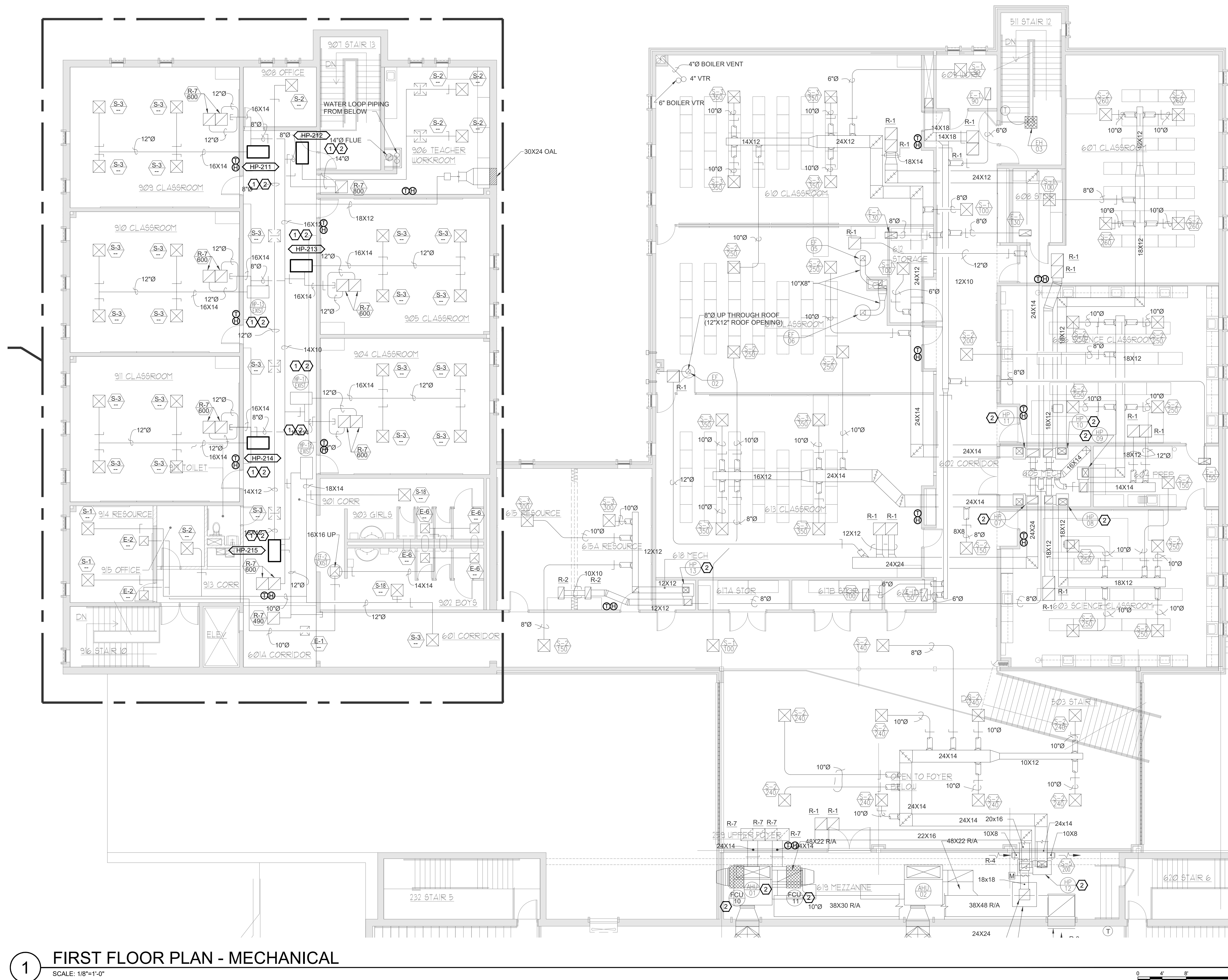


LEGEND	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXTENT OF DEMOLITION

- GENERAL NOTES:**
- REFER TO SHEET M0.1 FOR GENERAL NOTES.
- SHEET KEYNOTES:**
- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE GPS OR APPROVED EQUAL.

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1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"

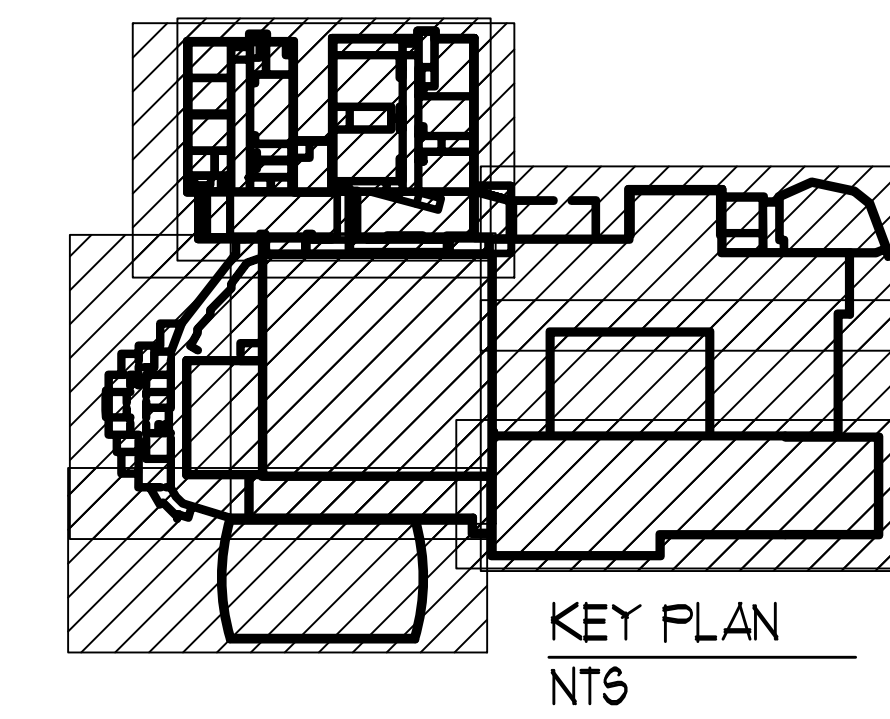
LEGEND	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXTENT OF DEMOLITION

GENERAL NOTES:

- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

- REPLACE HEAT PUMP UNIT. PROVIDE HEAT PUMP UNIT WITH HOT GAS REHEAT AND HUMIDITY SENSOR.
- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE GPS OR APPROVED EQUAL.



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ELECTRICAL ENGINEERS
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ALLEN COUNTY SCHOOL
MULTI-BUILDING UPGRADES
ALLEN COUNTY BOARD OF EDUCATION
SCOTTSDALE, KENTUCKY

HIGH SCHOOL
OVERALL FIRST FLOOR PLAN -
MECHANICAL

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SHEET

M2.10



1 GEOTHERMAL WELL FIELD PLAN
SCALE: 1"=30'-0"

GENERAL NOTES:

1. REFER TO SHEET M0.1 FOR GENERAL NOTES.

○ SHEET KEYNOTES:

1. CONTRACTOR TO EXCAVATE AND CUT OPEN PIPING FOR EACH INDIVIDUAL WELL AND FLUSH, TYPICAL FOR ALL.
2. CONTRACTOR TO REPLACE ALL ELECTROFUSED BUTT JOINTS WITH ELECTROFUSED COUPLINGS, TYPICAL FOR ALL.
3. ADD BYPASS FOR COOLING TOWER.

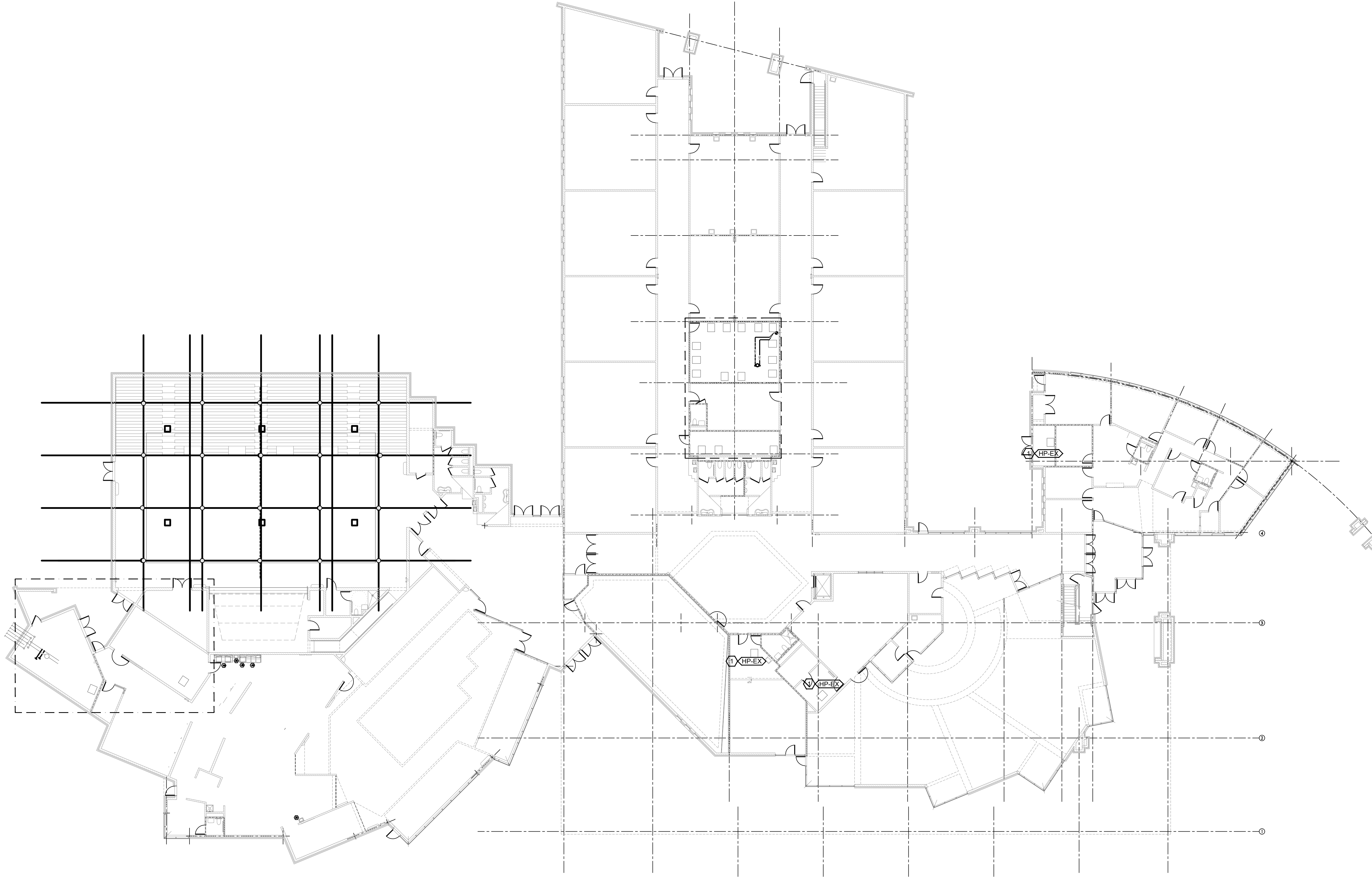
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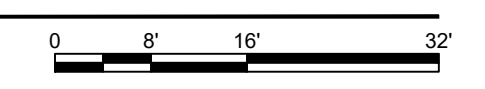
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SHEET

M3.1



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



GENERAL NOTES:

- REFER TO SHEET M0.1 FOR GENERAL NOTES.

○ SHEET KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.

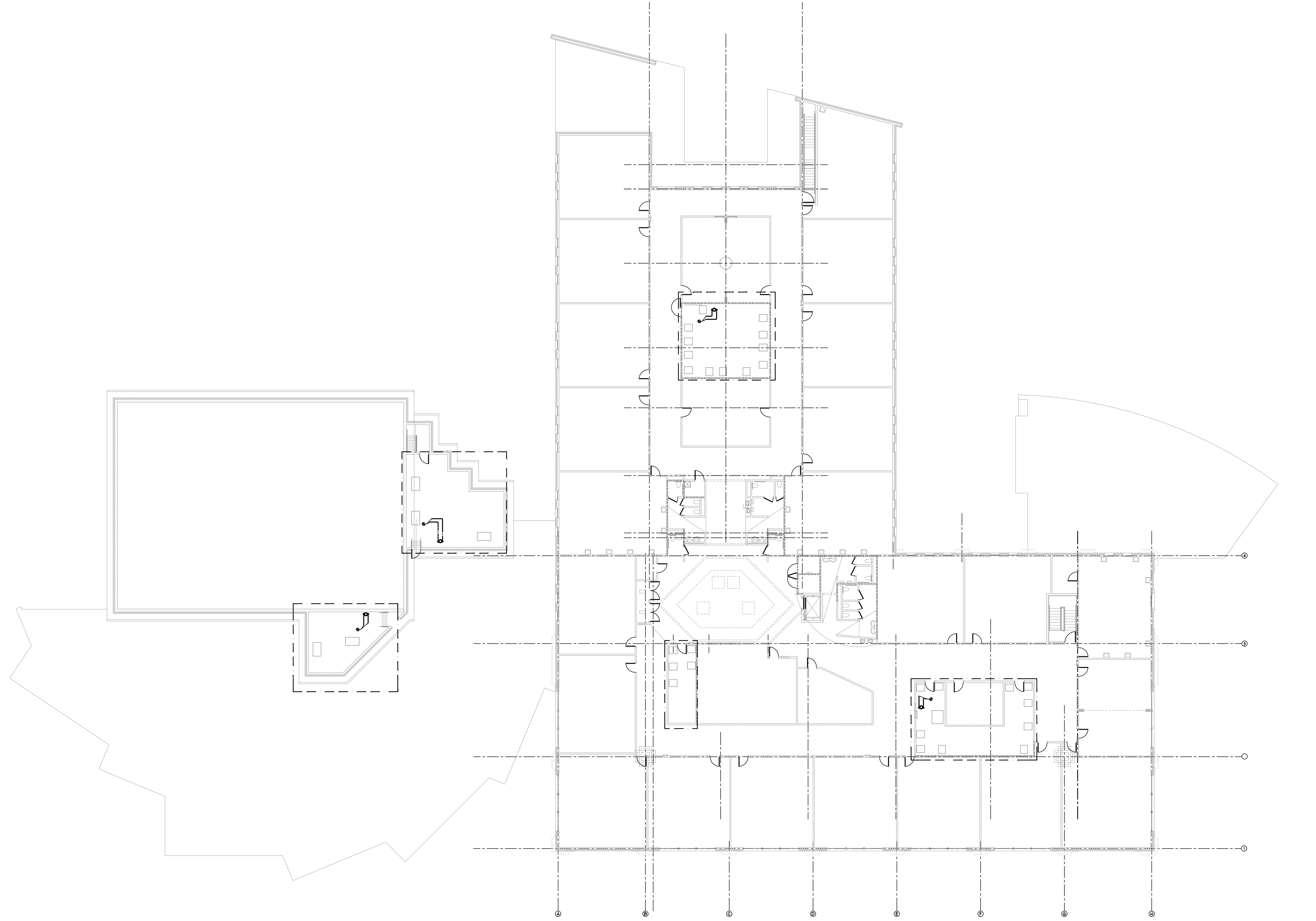
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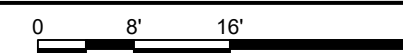
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1 SECOND FLOOR PLAN - MECHANICAL
SCALE: 1/16"=1'-0"



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M3.3

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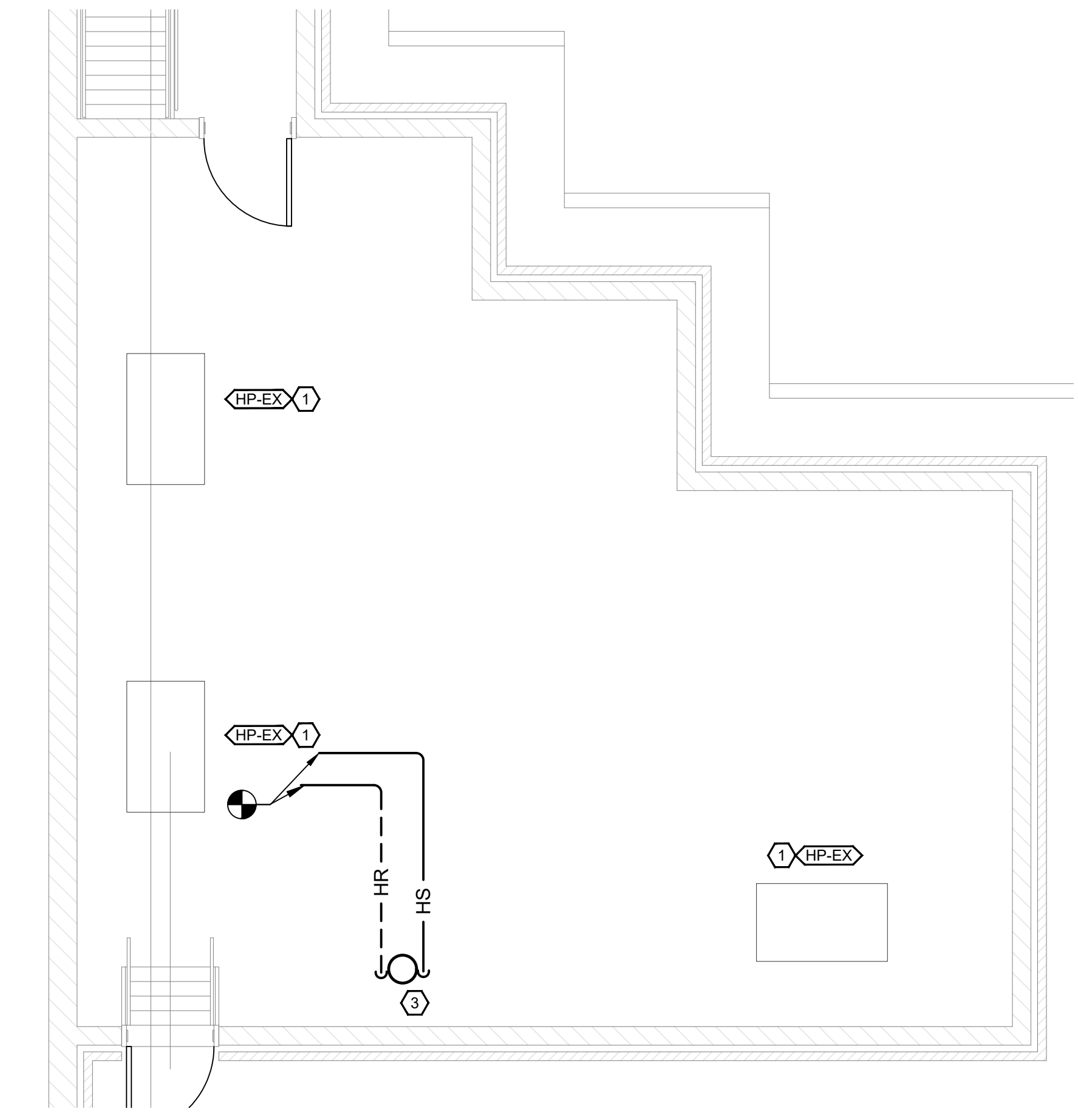
M3.4

GENERAL NOTES:

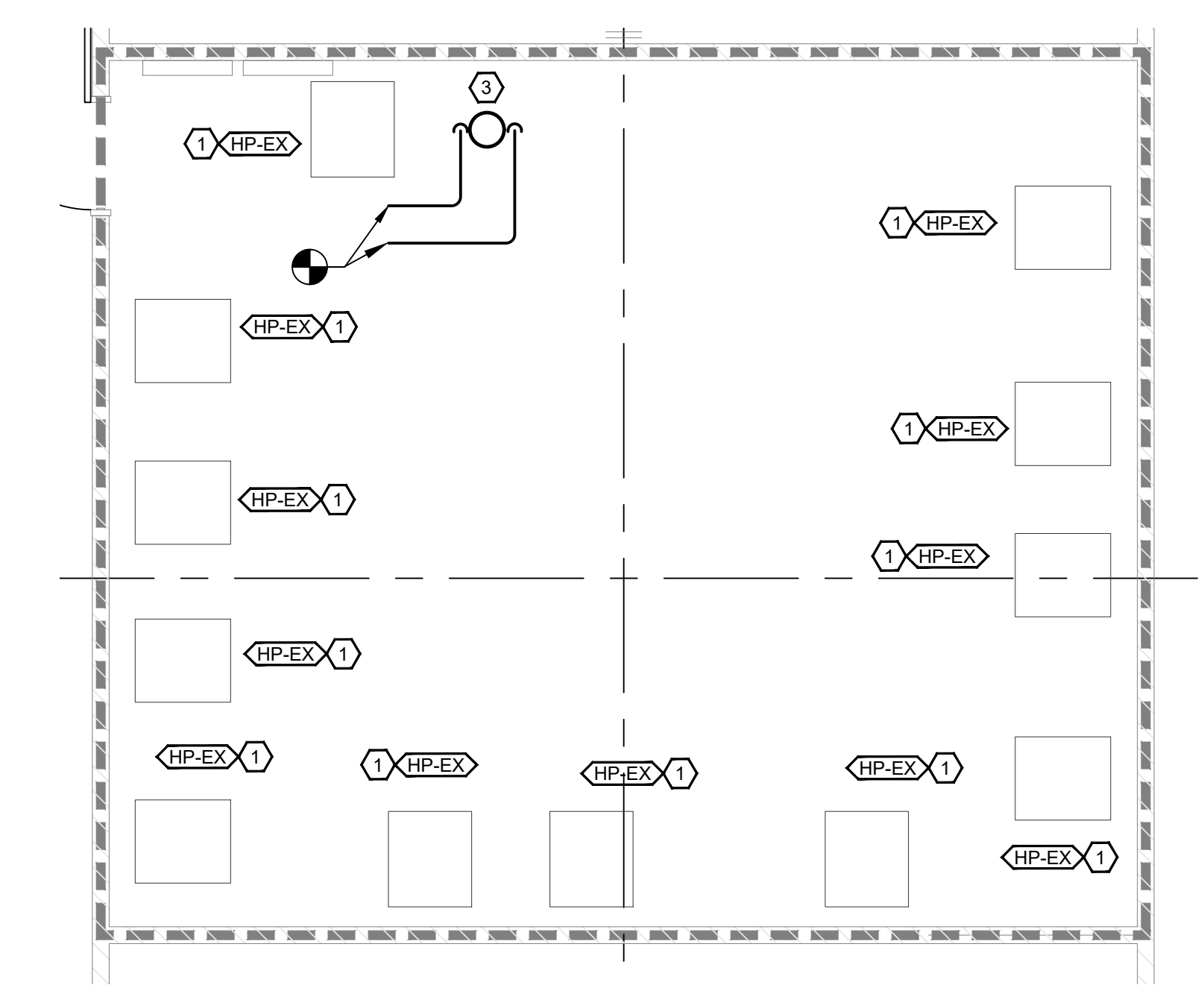
- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

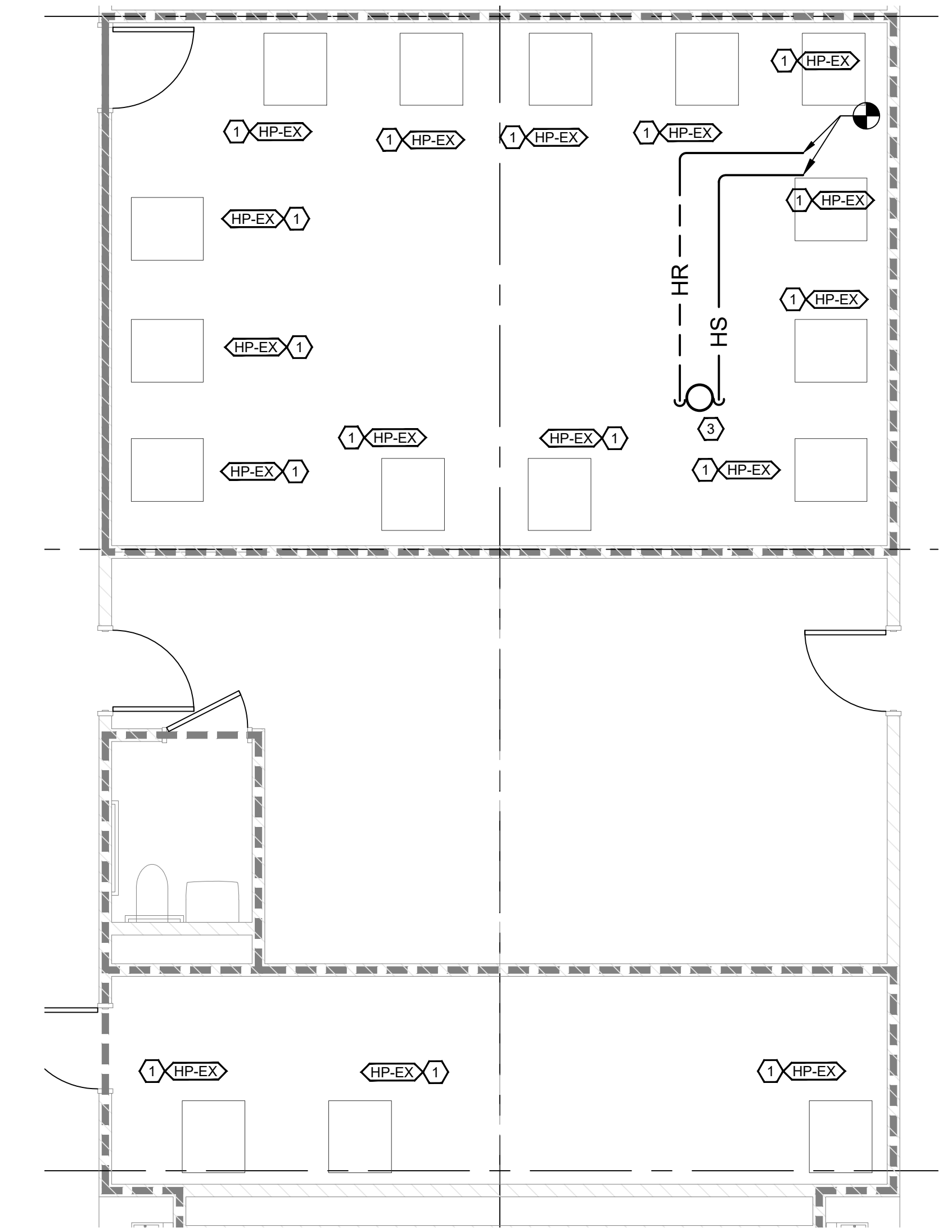
- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.
- ADD BYPASS FOR COOLING TOWER.
- PROVIDE NEW POT FEEDER/FILTER AND CONNECT NEW 2" LINE INTO EXISTING HPS/HPR LINES. PROVIDE BALANCE VALVE ON SUPPLY SIDE.



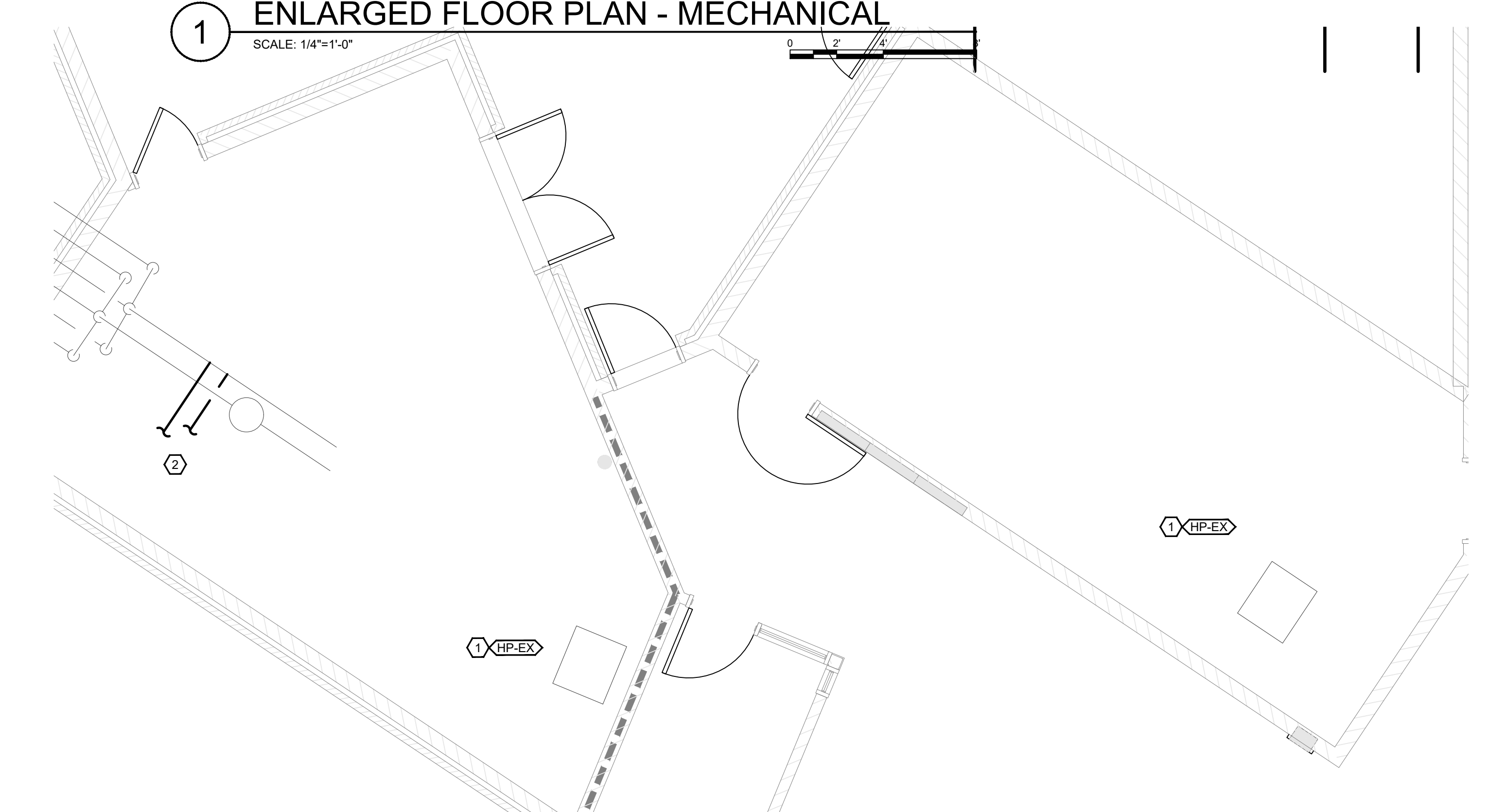
1 ENLARGED FLOOR PLAN - MECHANICAL
SCALE: 1/4"=1'-0"



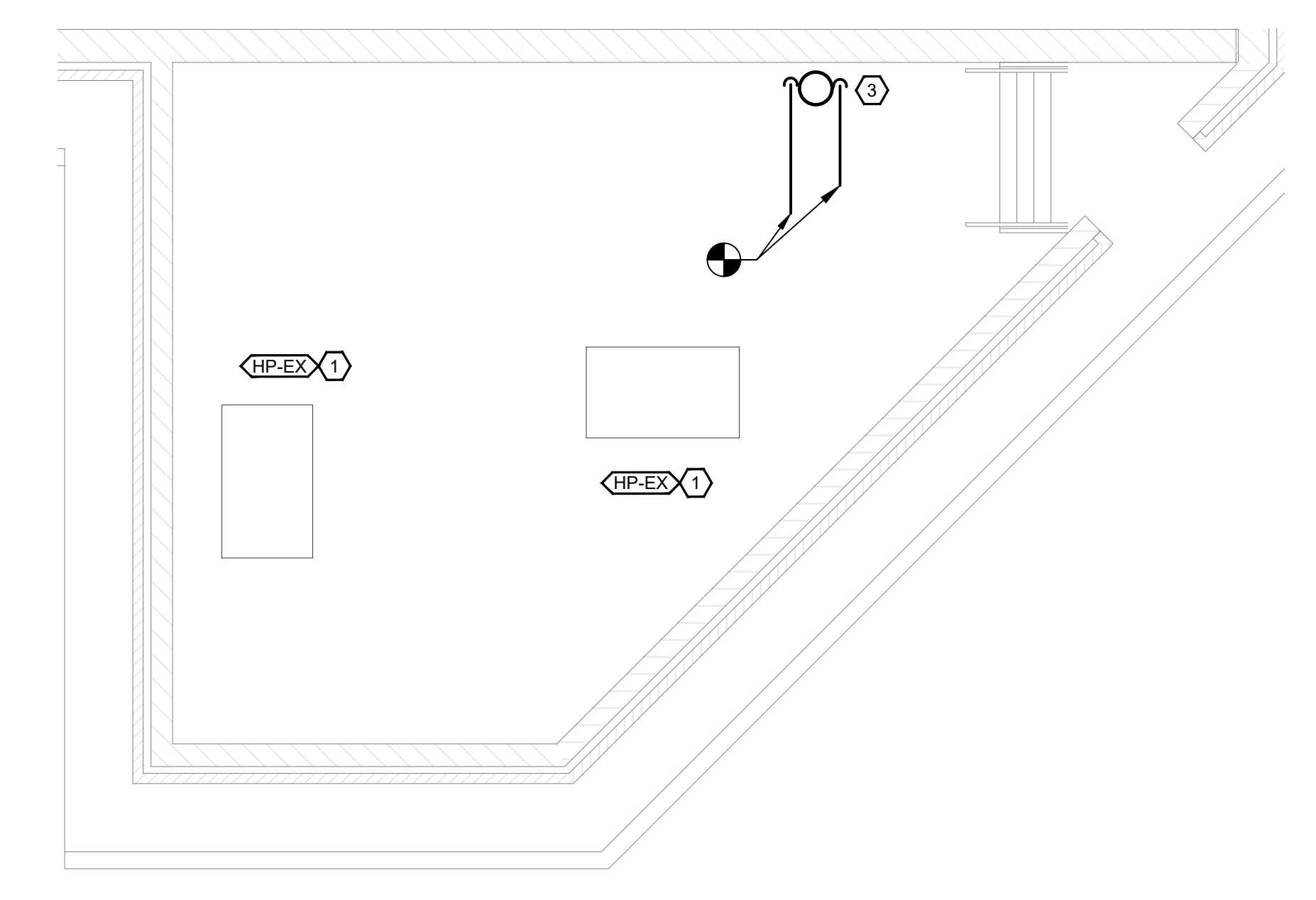
1 ENLARGED FLOOR PLAN - MECHANICAL
SCALE: 1/4"=1'-0"



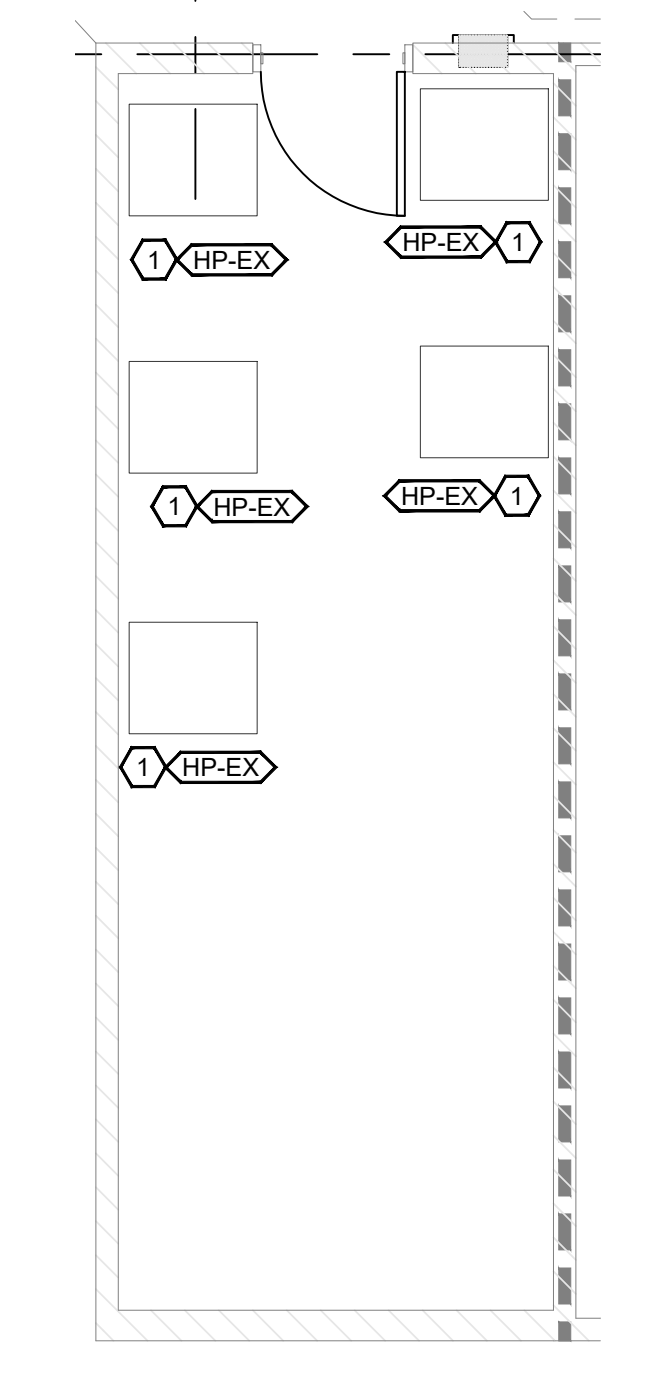
1 ENLARGED FLOOR PLAN - MECHANICAL
SCALE: 1/4"=1'-0"



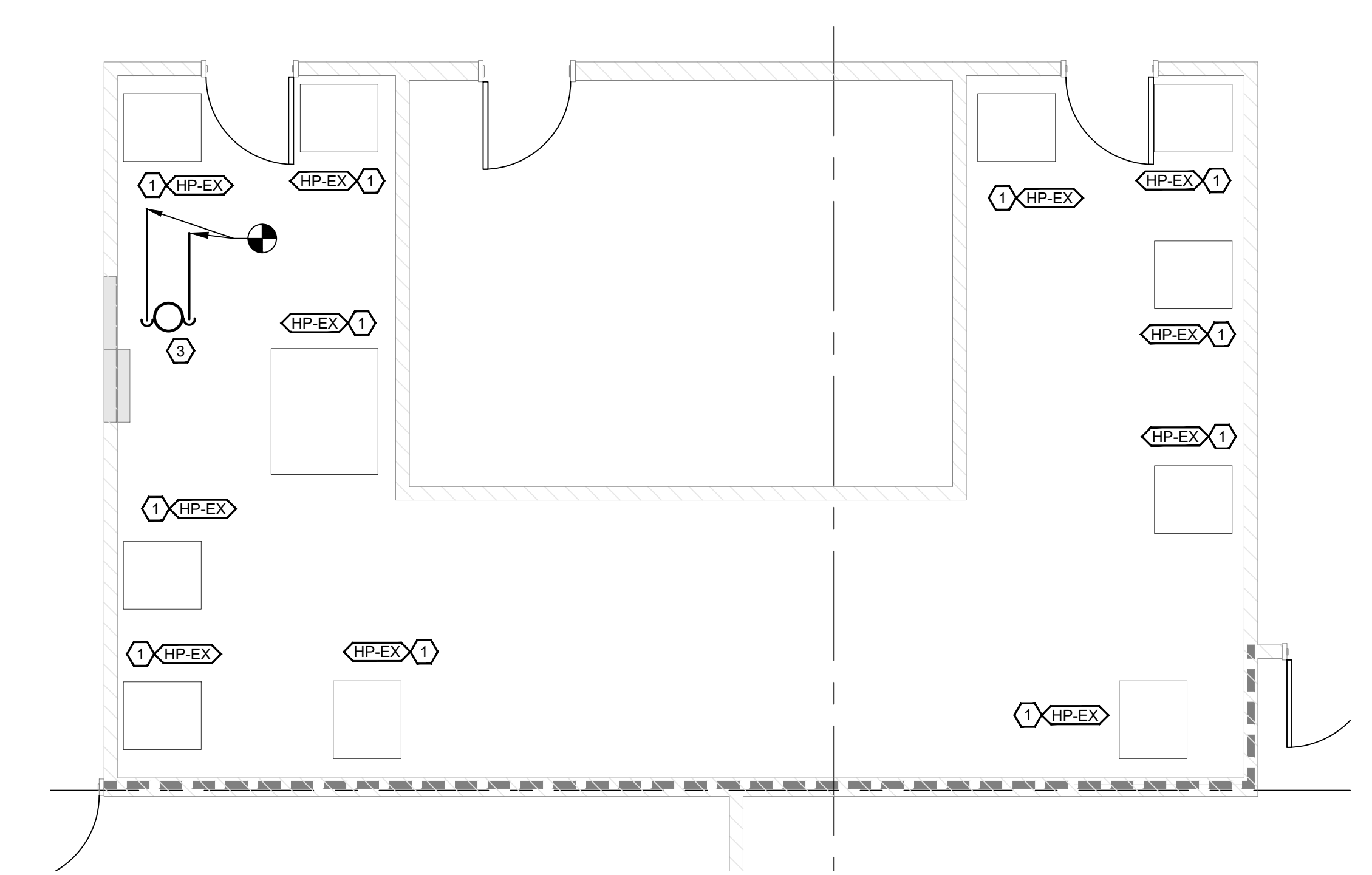
1 ENLARGED FLOOR PLAN - MECHANICAL
SCALE: 1/4"=1'-0"



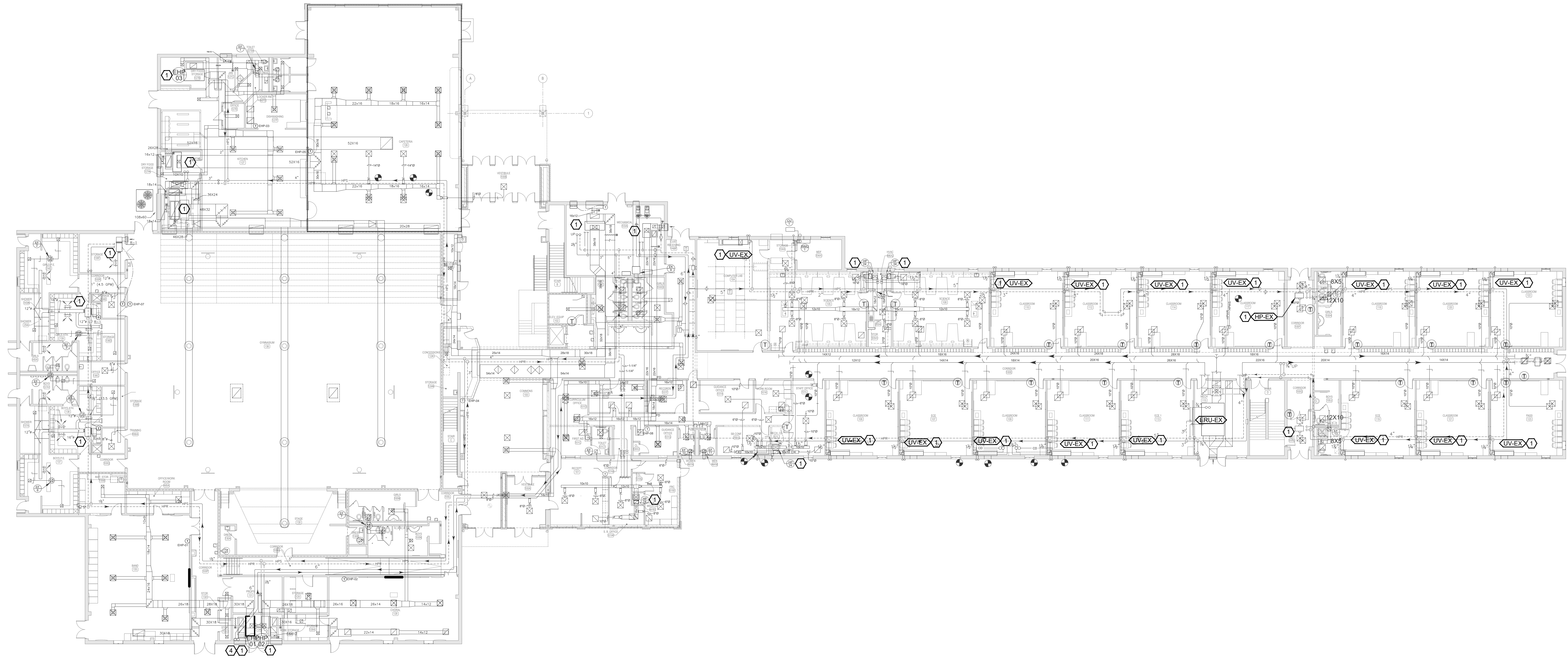
1 ENLARGED FLOOR PLAN - MECHANICAL
SCALE: 1/4"=1'-0"



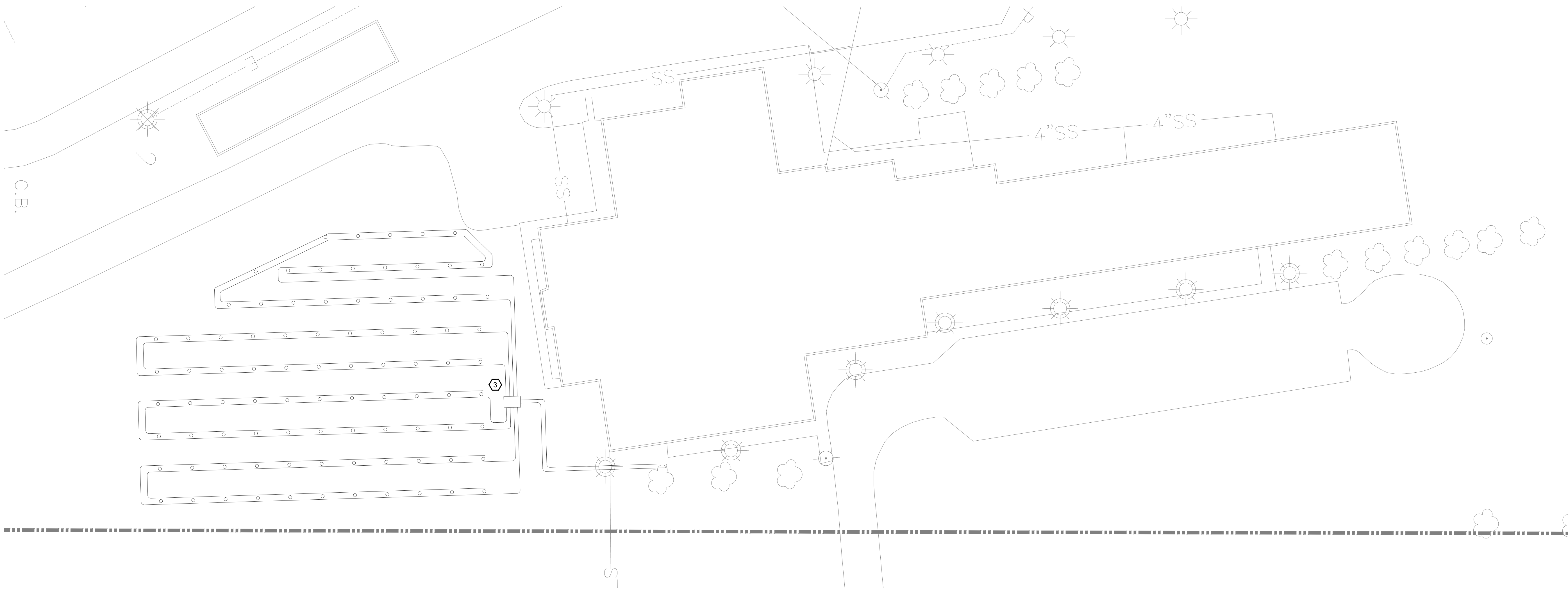
1 ENLARGED FLOOR PLAN - MECHANICAL
SCALE: 1/4"=1'-0"



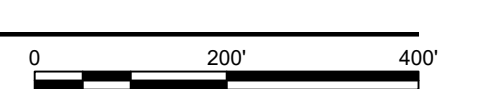
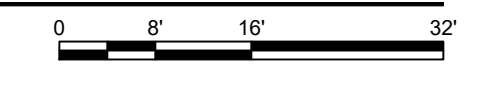
1 ENLARGED FLOOR PLAN - MECHANICAL
SCALE: 1/4"=1'-0"



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



2 GEOTHERMAL SITE PLAN
SCALE: 1"=200'-0"



GENERAL NOTES:

- REFER TO SHEET M0.1 FOR GENERAL NOTES.

○ SHEET KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.
- NOT USED.
- FLUSH AND PURGE GEOTHERMAL WELL FIELD.
- REPLACE BAND ROOM GEOTHERMAL WATER-SOURCE HEAT PUMP.

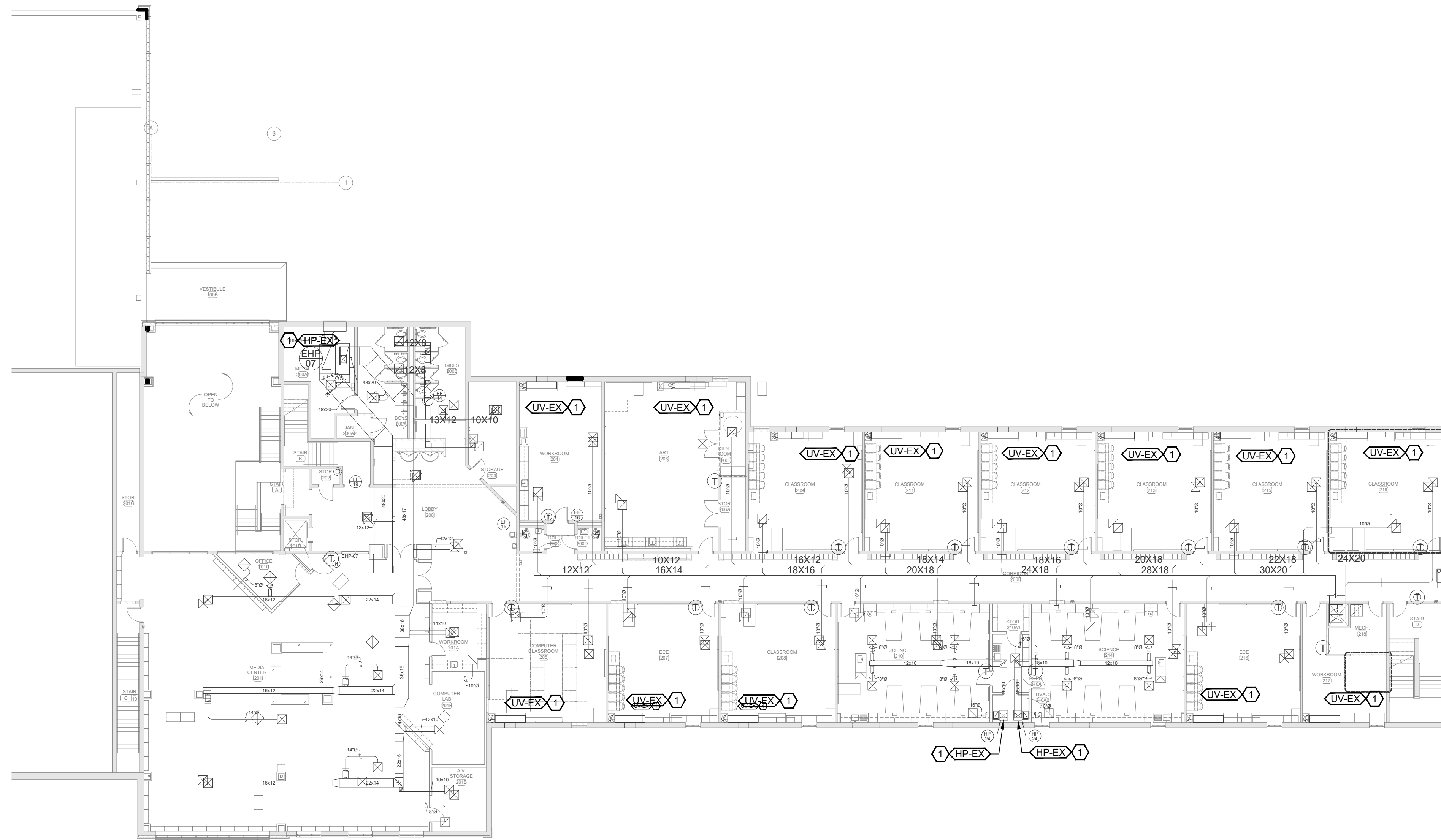
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1 SECOND FLOOR PLAN - MECHANICAL
SCALE: 1/16"=1'-0"



GENERAL NOTES:

- REFER TO SHEET M0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.

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M4.2

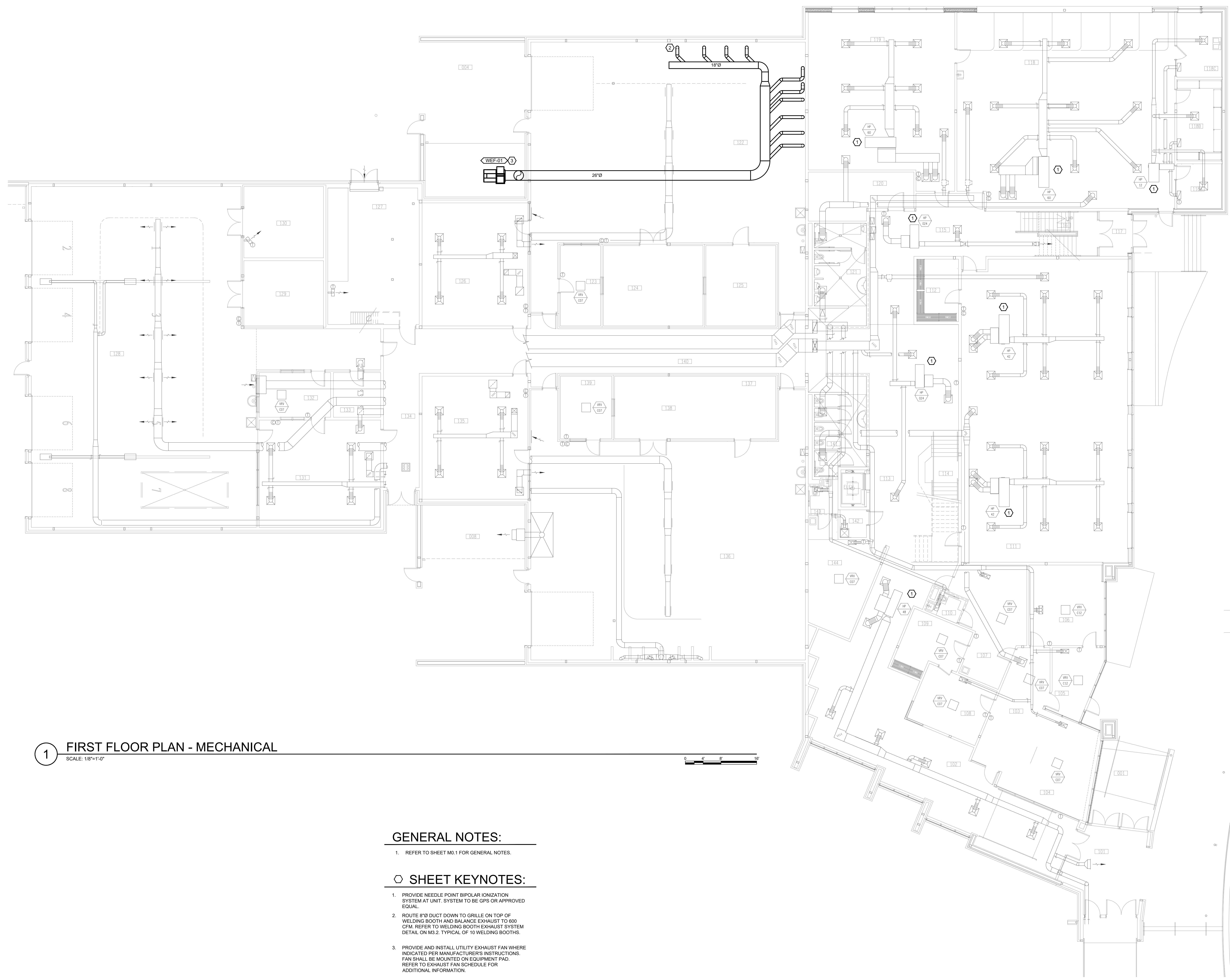
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M5.1



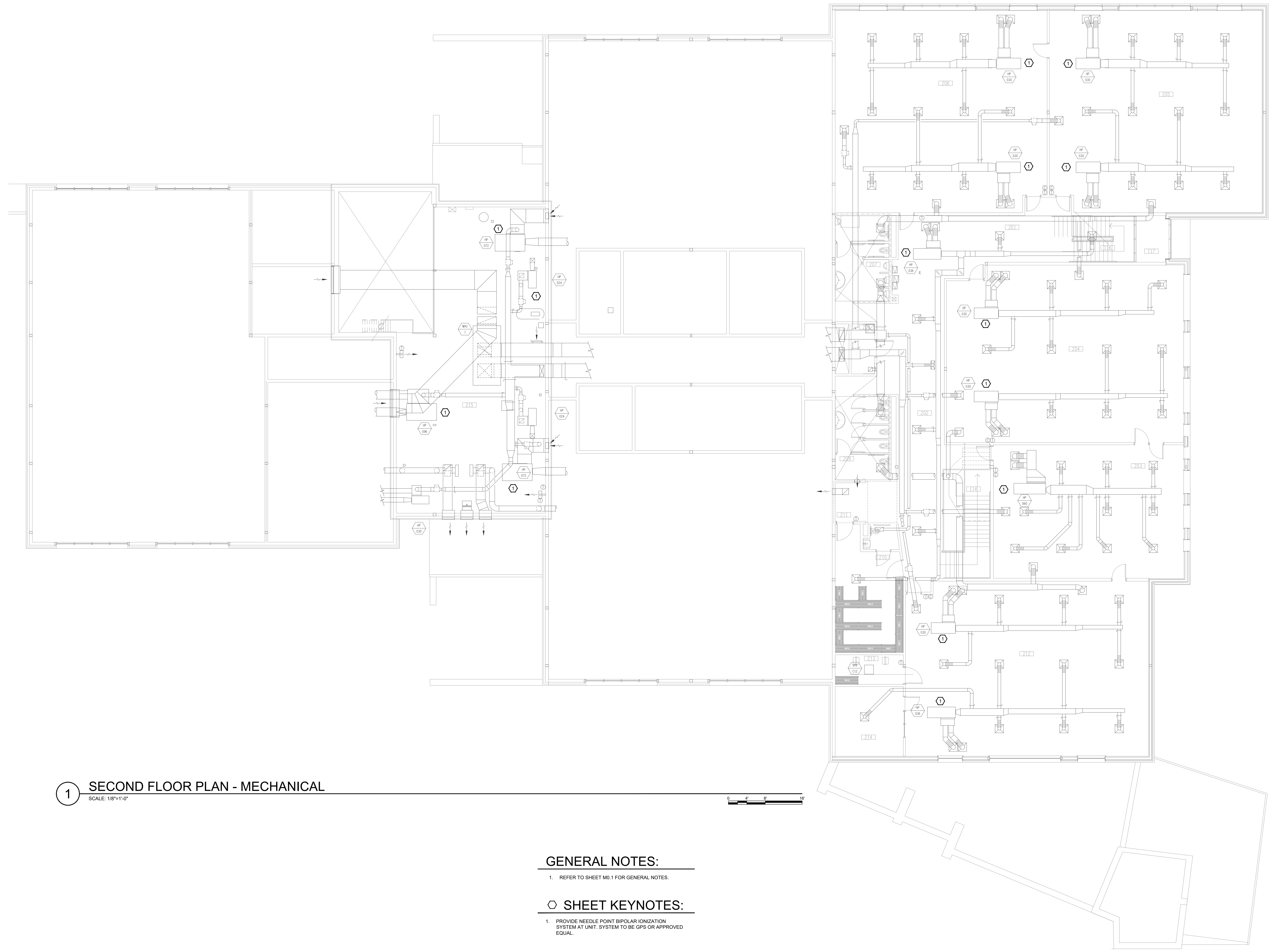
1 FIRST FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"

GENERAL NOTES:

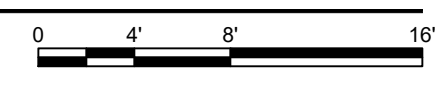
- REFER TO SHEET M0.1 FOR GENERAL NOTES.

KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.
- ROUTE 8"Ø DUCT DOWN TO GRILLE ON TOP OF WELDING BOOTH AND BALANCE EXHAUST TO 600 CFM. REFER TO WELDING BOOTH EXHAUST SYSTEM DETAIL ON M3.2. TYPICAL OF 10 WELDING BOOTHS.
- PROVIDE AND INSTALL UTILITY EXHAUST FAN WHERE INDICATED PER MANUFACTURER'S INSTRUCTIONS. FAN SHALL BE MOUNTED ON EQUIPMENT PAD. REFER TO EXHAUST FAN SCHEDULE FOR ADDITIONAL INFORMATION.



1 SECOND FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"



GENERAL NOTES:

- REFER TO SHEET M0.1 FOR GENERAL NOTES.

KEYNOTE:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.

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M5.2

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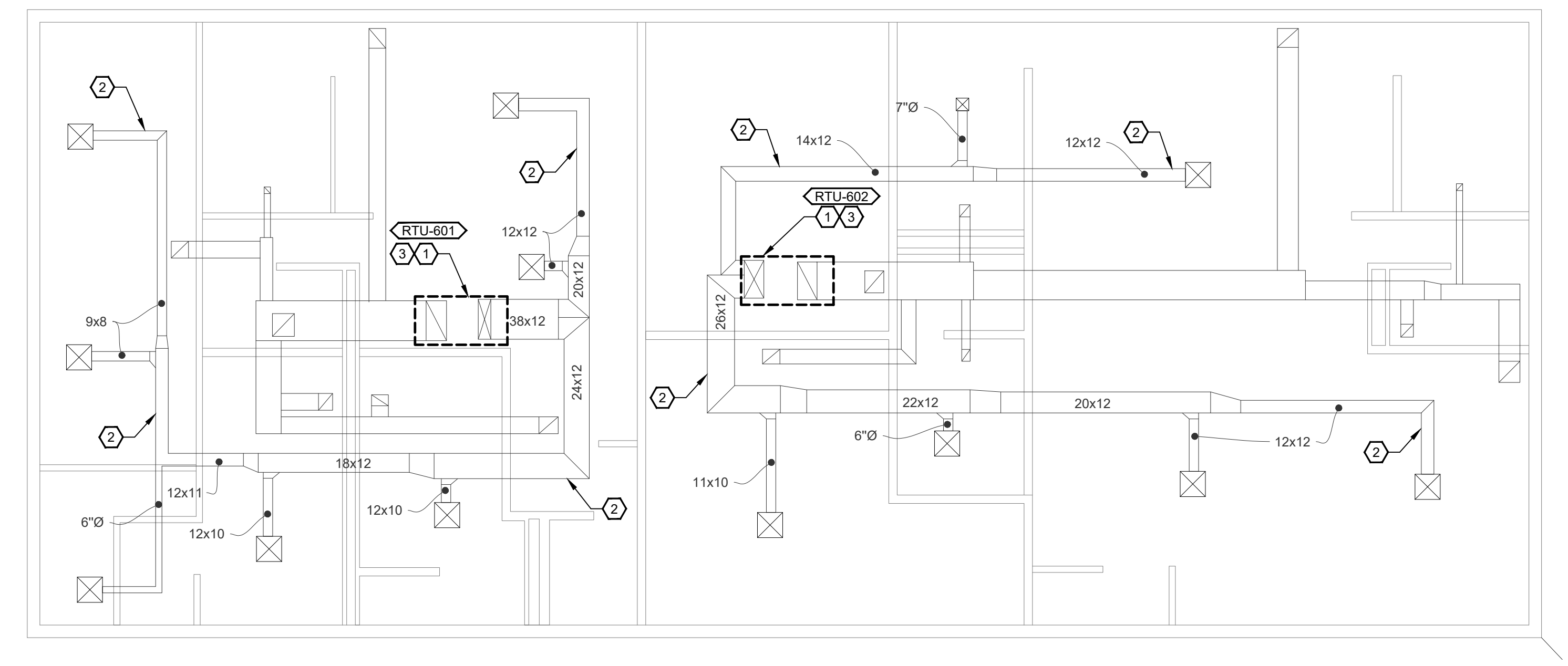
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GENERAL NOTES:

1. REFER TO SHEET M0.1 FOR GENERAL NOTES.

○ SHEET KEYNOTES:

1. PROVIDE NEW ROOM NEUTRAL ENERGY RECOVERY VENTILATOR.
2. PROVIDE NEW INSULATION FOR ALL SUPPLY AIR DUCTWORK, TYPICAL.
3. PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE GPS OR APPROVED EQUAL.



1 FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"

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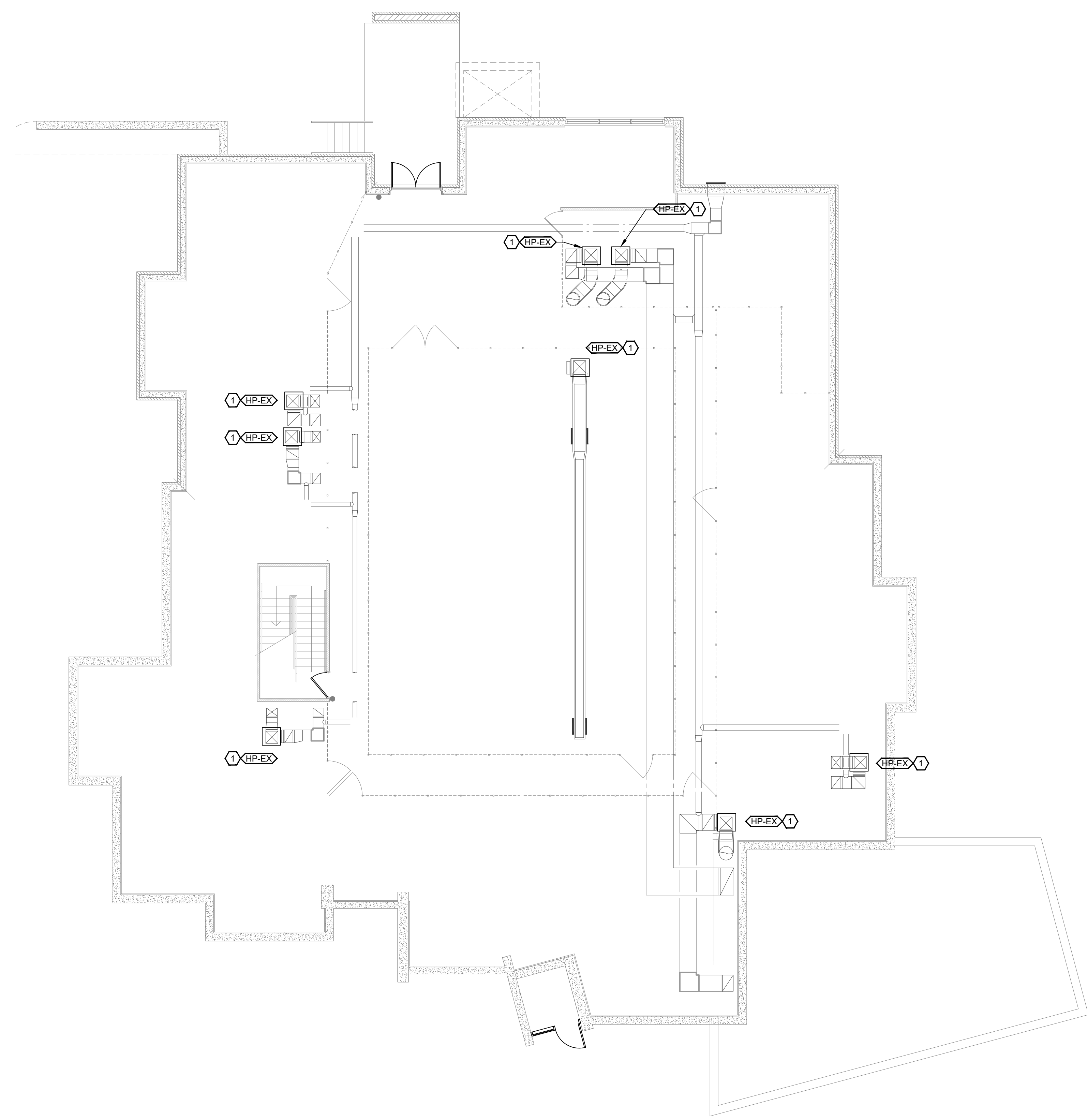
M7.1

GENERAL NOTES:

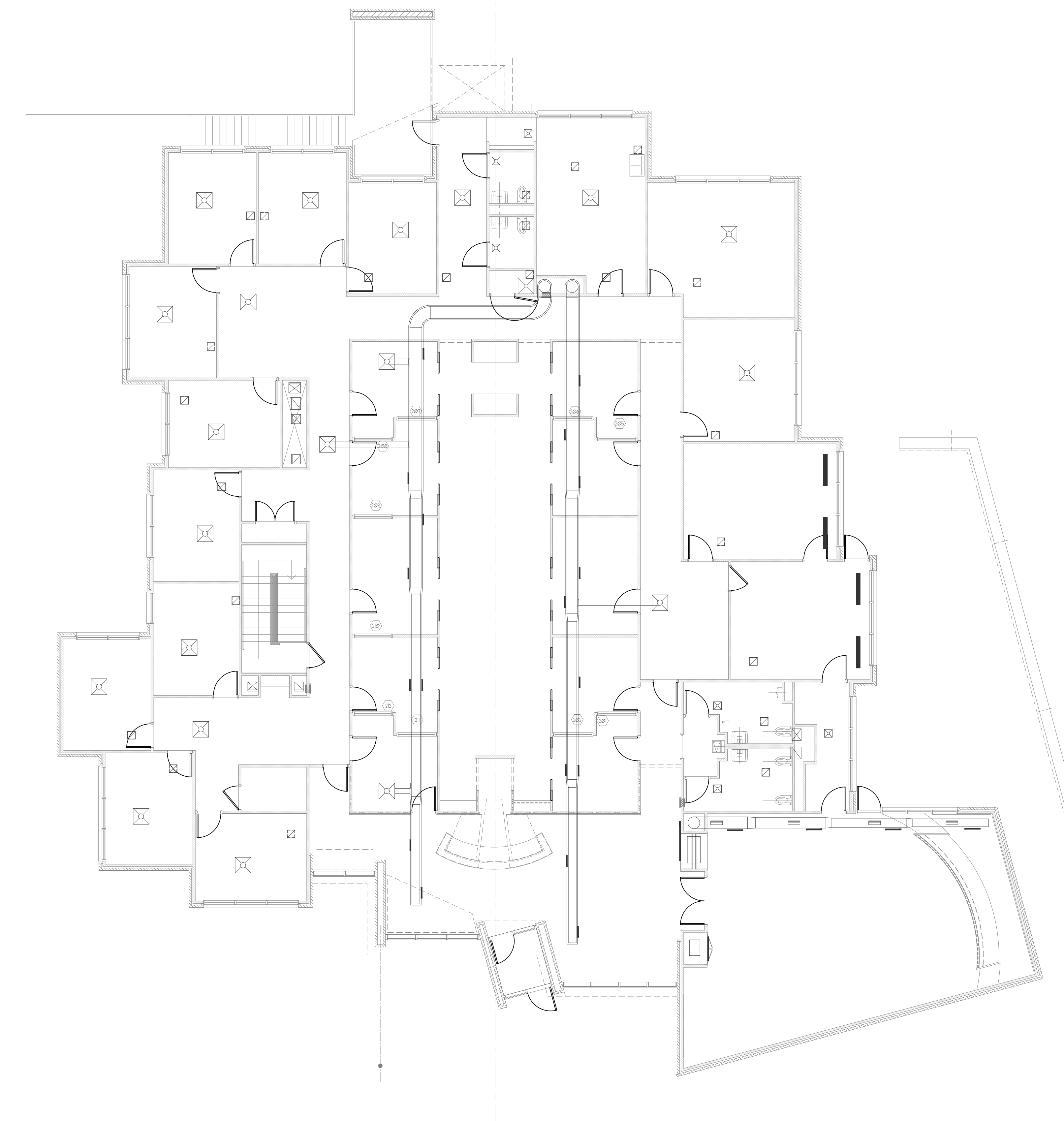
- REFER TO SHEET M0.1 FOR GENERAL NOTES.

○ SHEET KEYNOTES:

- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT SUPPLY AIR DUCT. SYSTEM TO BE GPS OR APPROVED EQUAL.



1 BASEMENT FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"



2 MAIN FLOOR PLAN - MECHANICAL
SCALE: 1/8"=1'-0"

WELDING EXHAUST FAN SCHEDULE											
MARK	MANUFACTURER	MODEL	CFM	ESP	SONES	DRIVE	RPM	ELECTRICAL			REMARKS
				(IN H2O)		TYPE		V/Ø/Hz	HP	NAMEPLATE AMPS	
WEF-1	GREENHECK	CSW-24-BI-21-10-1-75	7200	3"	36.0	BELT	1318	208/3/60	7.5	30	ALL

REMARKS:
 1. PROVIDE WITH UNIT MOUNTED DISCONNECT
 2. PROVIDE WITH UNIT MOUNTED SPEED CONTROL
 3. PROVIDE WITH APPROPRIATE BACKDRAFT DAMPER
 4. SUPPORT FROM THE STRUCTURE
 5. CONTROL OF FAN SHALL BE BY WALL SWITCH. COORDINATE WITH ELECTRICAL CONTRACTOR.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: CARNES, COOK. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

WATER-SOURCE HEAT PUMP UNIT SCHEDULE																												
MARK (HP #)	MANUFACTURER	MODEL	NOMINAL TONNAGE	CAPACITY MODULATION	ESP (IN H2O)	AIRFLOW (CFM)	FLUID FLOW (GPM)	WPD (FT H2O)	COOLING CAPACITIES						HEATING CAPACITIES					ELECTRICAL					REMARKS			
									LAT		TOTAL (BTU/HR)	SENSIBLE (BTU/HR)	HEAT OF REJECTION (BTU/HR)	EER AT AHRI GEO LOOP CONDITIONS	LWT (°F)	LDB (°F)	TOTAL (BTU/HR)	HEAT OF ABSORPTION (BTU/HR)	COP AT AHRI GEO LOOP CONDITIONS	V/Ø/Hz	COMP RLA	FAN MOTOR FLA	TOTAL UNIT FLA	MCA		MOCP		
									LWT (°F)	LDB (°F)																		
104	FHP	WGS10191	1.5	FULL	0.70	614	4.50	8.64	86.9	59.3	56.8	18979	13821	22367	20.6	27.4	89.1	14103	10380	3.9	265/60/1	5.6	2.6	8.0	9.6	15	XX	
101,102,103	FHP	WGTH0321	2.5	FULL PART	0.70	1000	7.50	8.22	87.7	58.4	55.8	33658	23468	40303	18.9	27.2	90.3	24253	17956	4.1	460/60/3	4.3	4.1	8.4	9.5	15	XX	
					0.70	875	7.50	7.40	67.4	51.2	48.6	23908	17821	27623	25.9	68.2	102.3	30723	25577	4.5								
201-215	FHP	WGTH0381	3	FULL PART	0.70	1250	9.00	9.70	87.7	58.6	56.1	40501	29014	48363	20.1	27.2	89.1	28701	21381	4.2	460/60/3	5.7	4.1	9.8	11.2	15	XX	
					0.70	1090	9.00	8.72	86.9	52.1	49.6	27085	21177	39900	28.9	68.3	100.3	35870	30198	4.7								
106,107,108	FHP	WLVW1180	15	FULL	1.15	6000	45.00	27.20	87.0	60.8	56.6	189125	122250	228432	16.42	27.6	87.6	127329	98787	4.16	460/60/3	12.2	4.2	27.4	31.6	40	XX	
105	FHP	WLVW1215	18	FULL	0.72	7200	53.80	11.50	87.2	59.4	56.5	229051	157391	275572	16.45	27.7	88.1	156604	114773	3.74	460/60/3	16.7	4.2	36.4	41.7	50	XX	

REMARKS:
 1. HORIZONTAL UNIT
 2. VERTICAL UNIT
 3. PROVIDE WITH FLEXIBLE DUCT CONNECTIONS
 4. PROVIDE UNIT CONNECTION SIZE HOSE KITS
 5. PROVIDE PIPING RUN-OUT SPRING TYPE VIBRATION ISOLATORS
 6. PROVIDE VIBRATION ISOLATORS AS REQUIRED
 7. PROVIDE WITH HOT GAS REHEAT
 8. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS

SELECTIONS BASED ON THE FOLLOWING CONDITIONS: COOLING FULL CAPACITY 80 EDB / 67 EWB, 77 EWT (PART LOAD MODULATION 70 EDB / 59 EWB, 60 EWT). HEATING FULL CAPACITY 68 EDB, 32 EWT (PART LOAD MODULATION 70 EDB, 75 EWT). ANTIFREEZE: 20% EXOENDOSOL CONCENTRATION BY VOLUME.

OTHER ACCEPTABLE MANUFACTURERS INCLUDE: CLIMATEMASTER, FLORIDA HEAT PUMP, TRANE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

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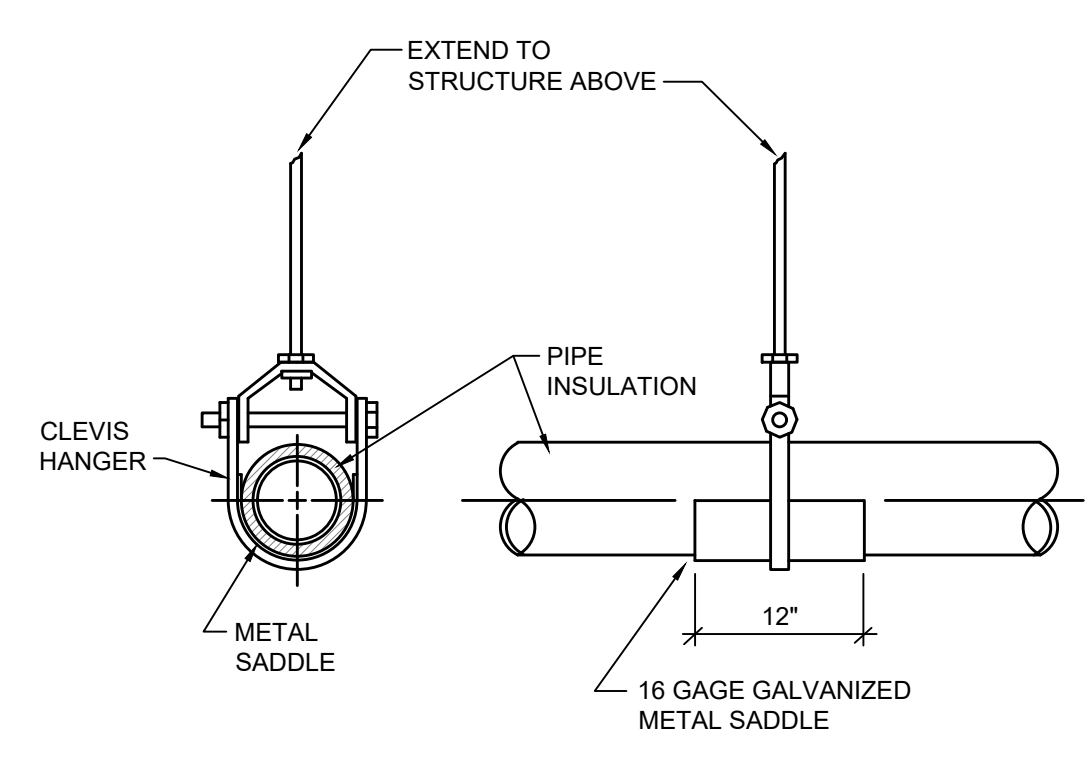
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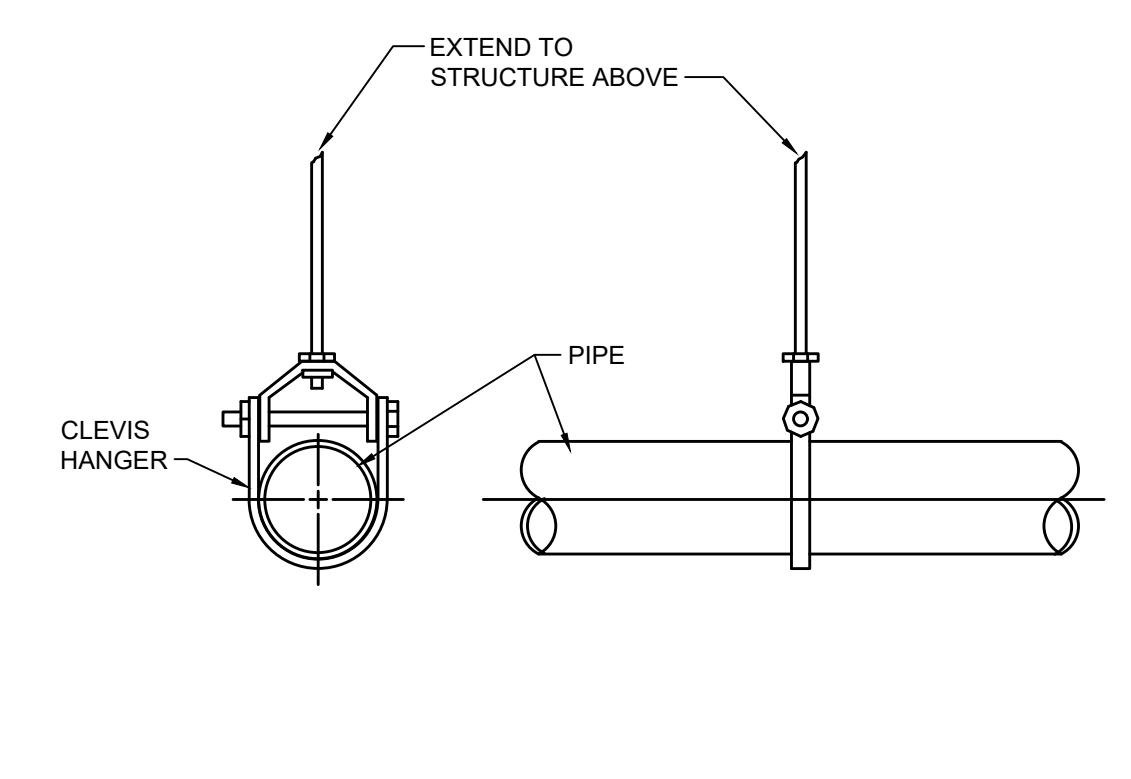
M8.2



INSULATED PIPE HANGER DETAIL

NOT TO SCALE

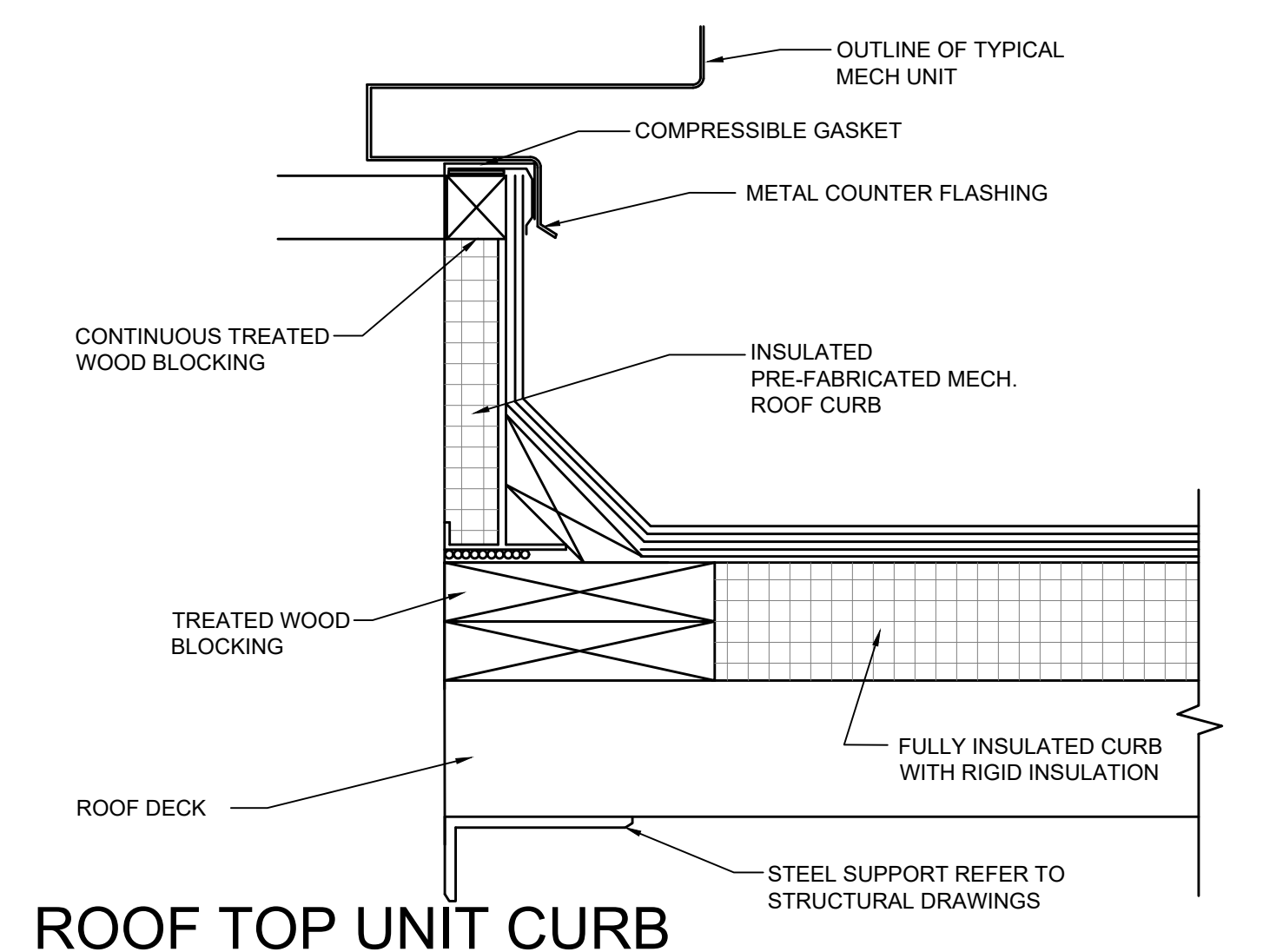
230529



INSULATED PIPE HANGER DETAIL

NOT TO SCALE

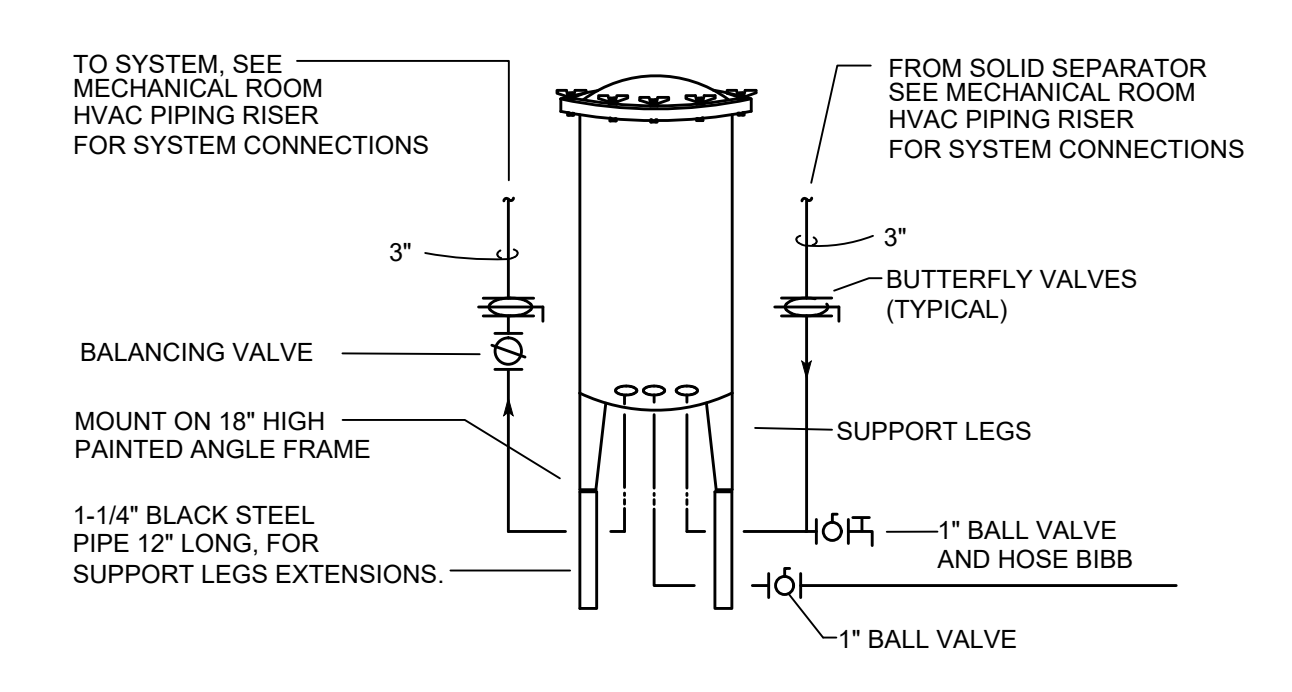
230529



ROOF TOP UNIT CURB

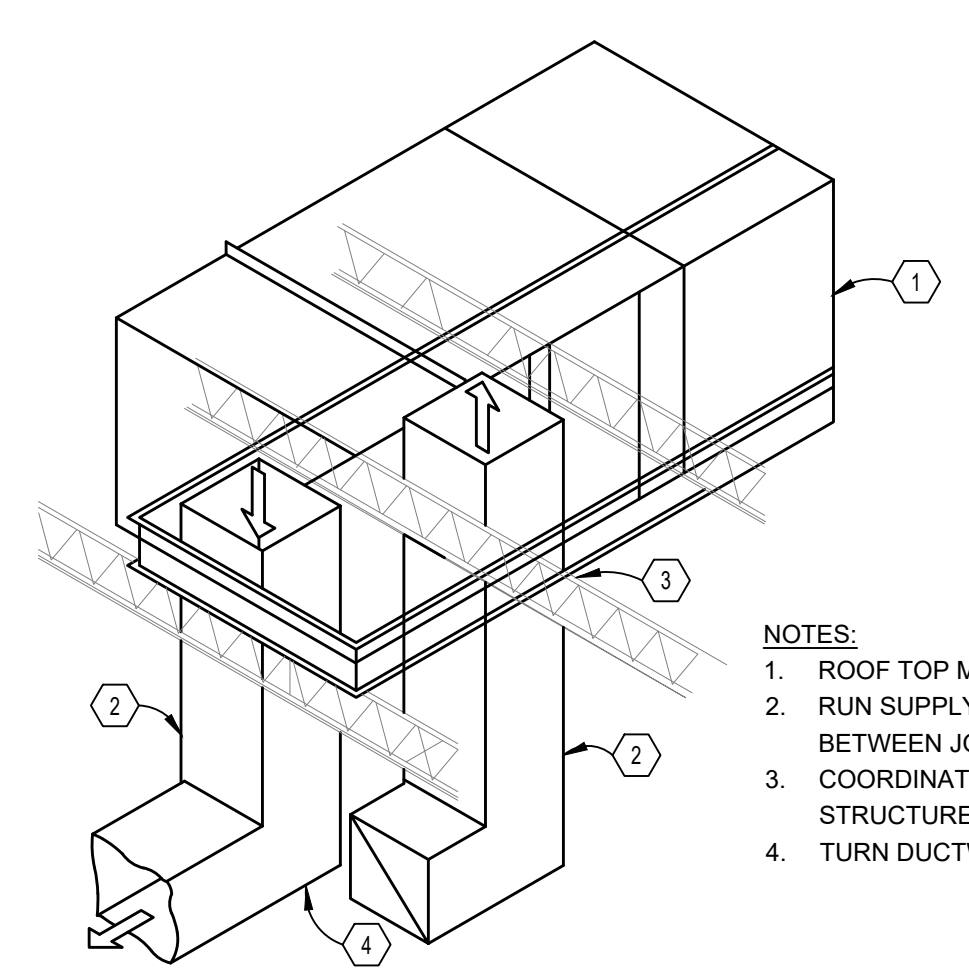
NOT TO SCALE

237413



COMBINATION FILTER/POT FEEDER DETAIL

NOT TO SCALE

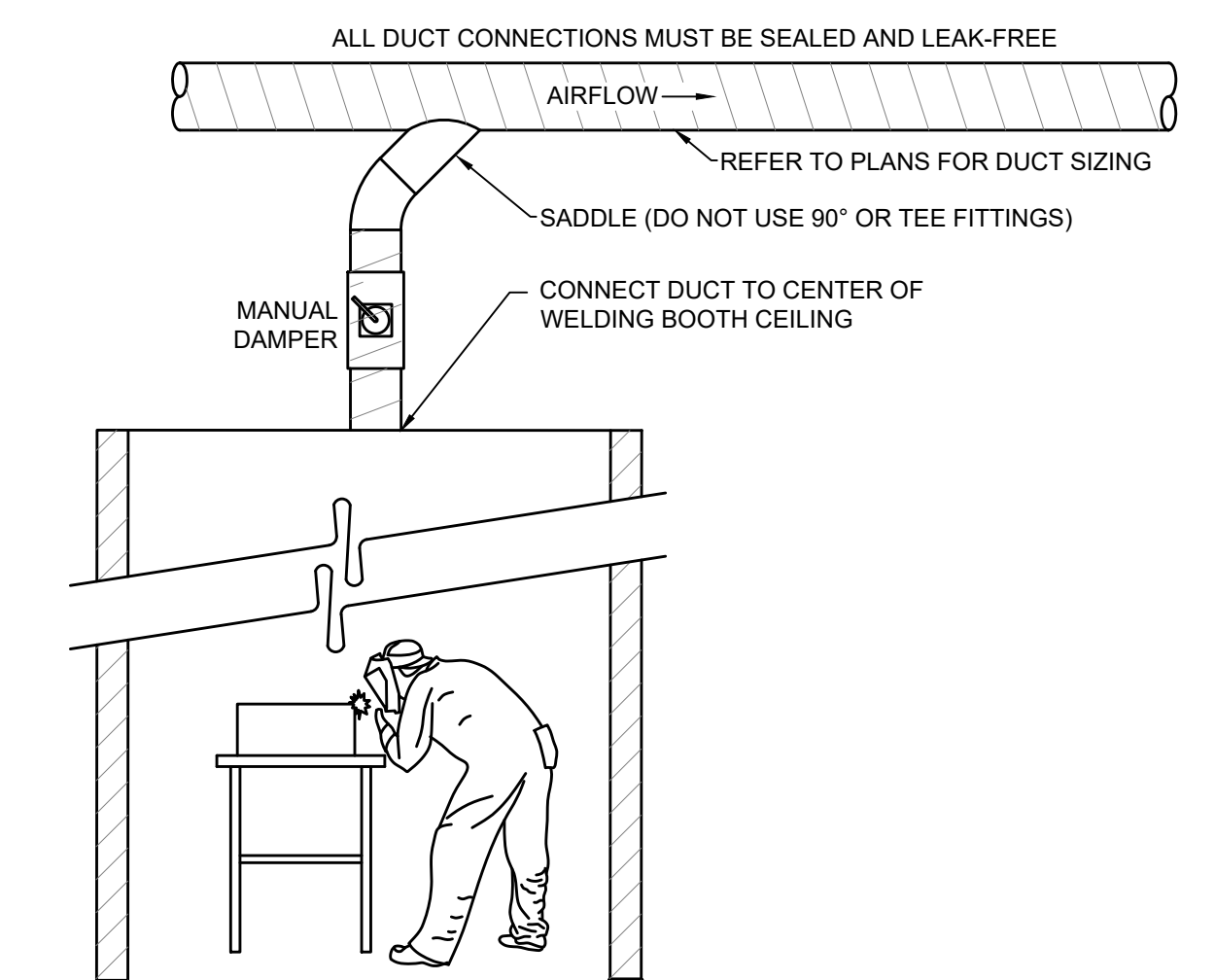


RTU ROOFTOP UNIT DETAIL

NOT TO SCALE

237413

- NOTES:
1. ROOF TOP MAKE UP AIR UNIT.
 2. RUN SUPPLY/RETURN DUCTS UP BETWEEN JOISTS.
 3. COORDINATE UNIT LOCATION WITH ROOF STRUCTURE.
 4. TURN DUCTWORK IN CEILING SPACE.



WELDING BOOTH EXHAUST SYSTEM DETAIL

NOT TO SCALE

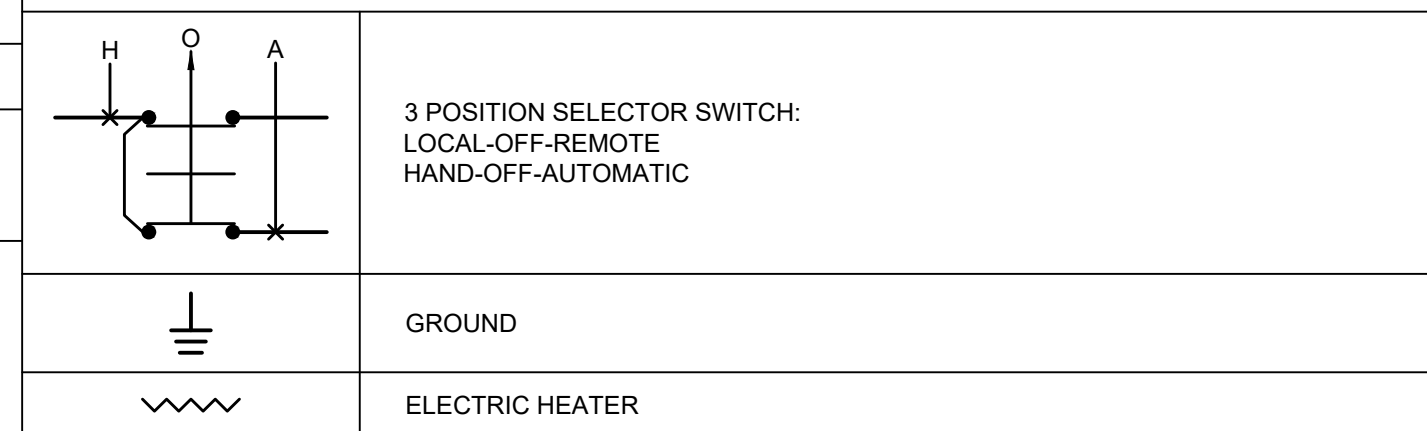
ELECTRICAL LEGEND

LIGHTING	
SYMBOL	DESCRIPTION
	SURFACE MOUNTED LUMINAIRE (NORMAL & EMERGENCY)
	RECESSED LUMINAIRE (NORMAL & EMERGENCY)
	WALL MOUNTED LUMINAIRE (NORMAL AND EMERGENCY)
	RECESSED LUMINAIRE (NORMAL AND EMERGENCY)
	SURFACE MOUNTED LUMINAIRE (NORMAL AND EMERGENCY)
	LINEAR PENDANT LUMINAIRE (NORMAL AND EMERGENCY)
	CIRCULAR LUMINAIRE (NORMAL AND EMERGENCY)
	WALL BRACKET LUMINAIRE (NORMAL AND EMERGENCY)
	INDUSTRIAL STRIP LUMINAIRE (NORMAL AND EMERGENCY)
	TRACK LUMINAIRE
	CEILING FAN
	TWO-HEAD EMERGENCY LIGHTING UNIT
	EMERGENCY REMOTE HEAD (SINGLE OR DOUBLE)
	EMERGENCY EXIT SIGN WITH COMBINATION EMERGENCY LUMINAIRE WALL AND CEILING MOUNT
	EMERGENCY EXIT SIGN - SINGLE FACE WITH ARROWS AS INDICATED WALL AND CEILING MOUNTED
	EMERGENCY EXIT SIGN - DOUBLE FACE
	POLE MOUNTED LUMINAIRE
	FLOOD OR SPOT LUMINAIRE
	BOLLARD OR POST TOP LUMINAIRE
	LIGHTING CONTROL RISER REFERENCE TAG
	PHOTOCELL
	EMERGENCY POWER PACK
	EMERGENCY BYPASS RELAY (UL924)
	EMERGENCY TRANSFER CONTROL (UL1008)
	BATTERY PACK
	LIGHTING CONTROL POWER PACK
	PORT INJECTOR
	LOW VOLTAGE LIGHTING RELAY PANEL
	PLUG LOAD CONTROL PACK
	ROOM CONTROLLER
	NETWORK BRIDGE
	SYSTEM CONTROLLER
	USER CONTROLLER
	POWER SUPPLY
	TIME CLOCK
	CONTACTOR, POLES AS REQUIRED
	RJ45 CONTROL WIRE SPLITTER
	DAYLIGHT SENSOR
	DUAL TECHNOLOGY LOW VOLTAGE CORNER MOUNTED OCCUPANCY SENSOR WITH POWER PACK AND CEILING MOUNT OR WALL MOUNT BRACKET AS SHOWN.
	DUAL TECHNOLOGY LOW VOLTAGE CEILING MOUNTED, 360° OCCUPANCY SENSOR.
	LIGHTING CONTROL PANEL
	LIGHT SWITCH - SUBSCRIPT INDICATES THE FOLLOWING : 3 - 3 WAY, 4 - 4 WAY, K - KEY OPERATED, D - DIMMER, OS - LINE VOLTAGE OCCUPANCY SENSOR, L - LOW VOLTAGE, M - MANUAL MOTOR STARTER W/ HANDLE GUARD KIT AND PADLOCK. SEE LIGHTING CONTROL DIAGRAM SHEET FOR OTHER SUBSCRIPTS.

ONE LINE DIAGRAM	
SYMBOL	DESCRIPTION
	CIRCUIT BREAKER
	GROUND FAULT PROTECTION
	VARIABLE FREQUENCY DRIVE
	DIGITAL MONITORING METER
	SURGE PROTECTION DEVICE
	DIGITAL METER DISPLAY
	POWER METERING DEVICE
	NON FUSED SWITCH
	FUSED SWITCH
	FUSE
	RELAY (NORMALLY OPEN)
	PANEL
	DOUBLE THROW SWITCH OR TRANSFER SWITCH

POWER	
SYMBOL	DESCRIPTION
	TAMPERE RESISTANT DUPLEX RECEPTACLE - SUBSCRIPT INDICATES THE FOLLOWING : C - INSTALL 4 INCHES ABOVE COUNTER OR BACKSPLASH, CM - CEILING MOUNTED, E - EMERGENCY, G - GROUND FAULT CIRCUIT INTERRUPTER, GB - BLANK FACE GROUND FAULT INTERRUPT, IG - ISOLATED GROUND, P - SPLIT-WIRED PLUG LOAD CONTROL, WP - WEATHER PROOF, U - WITH USB PORT
	TAMPERE RESISTANT QUADRUPLEX RECEPTACLE
	TAMPERE RESISTANT SINGLE RECEPTACLE
	TAMPERE RESISTANT SPECIAL PURPOSE RECEPTACLE
	TAMPERE RESISTANT PEDESTAL MOUNTED RECEPTACLE
	TAMPERE RESISTANT FLOOR MOUNTED RECEPTACLE AND COVERPLATE. SEE PLAN FOR CONFIGURATION.
	POKE THRU BOX
	COMBO POKE THRU BOX
	COMBINATION FLOOR BOX WITH THREE DUPLEX RECEPTACLES AND RJ45 DATA JACKS. PROVIDE WITH COVERPLATE. INSTALL CATEGORY UTP WET LOCATION CABLES IN A 1 INCH CONDUIT FROM THE DATA COMPARTMENT TO THE NEAREST MDF OR IDF (X - INDICATES THE NUMBER OF JACKS AND CABLES)
	EMERGENCY SHUT-OFF BUTTON
	JUNCTION BOX
	HAND DRYER
	DISCONNECT SWITCH (SIZE/FUSING/POLES/NEMA - OPTIONAL)
	ENCLOSED CIRCUIT BREAKER DISCONNECT (SIZE/POLES/NEMA - OPTIONAL)
	COMBINATION MOTOR STARTER AND DISCONNECT (SIZE/FUSING/POLES/NEMA - OPTIONAL)
	MOTOR STARTER (SIZE/FUSING/POLES/NEMA - OPTIONAL)
	VARIABLE FREQUENCY DRIVE
	MOTOR
	CORD REEL
	CONDUIT TURNED DOWN
	CONDUIT TURNED UP
	CONDUIT WITH END CAP
	EQUIPMENT CONNECTION
	CONDUIT CONTINUATION
	TRANSFORMER, X - INDICATES IDENTIFICATION
	SURFACE MOUNTED PANELBOARD/DISTRIBUTION PANEL/AUTOMATIC TRANSFER SWITCH, X - INDICATES IDENTIFICATION
	FLUSH MOUNTED PANELBOARD, X - INDICATES IDENTIFICATION
	EXISTING SURFACE MOUNTED PANELBOARD/DISTRIBUTION PANEL, X - INDICATES IDENTIFICATION
	EXISTING FLUSH MOUNTED PANELBOARD, X - INDICATES IDENTIFICATION
	GROUND ROD
	LOW-VOLTAGE CIRCUIT WITH CONDUCTOR TYPES AS REQUIRED BY THE MANUFACTURER FOR THE PARTICULAR SYSTEM.
	UTP LIGHTING CONTROL CABLE
	CIRCUIT CONNECTED TO EMERGENCY POWER
	SURFACE MOUNTED RACEWAY
	BRANCH CIRCUIT HOMERUN TO PANELBOARD. THE NUMBER OF TICK MARKS INDICATES THE NUMBER OF CONDUCTORS. LONG TICK MARKS REPRESENT UNGROUNDED CONDUCTORS. SHORT TICK MARKS REPRESENT GROUNDED CONDUCTORS (NEUTRAL). A GROUNDING CONDUCTOR (GROUND) SHALL BE INSTALLED WITH ALL CIRCUITS. TICK MARKS AND CONDUCTOR SIZES ARE ONLY SHOWN ON THE HOMERUN. INSTALL THE REQUIRED QUANTITY AND SIZE CONDUCTORS TO EACH DEVICE ON THE SAME CIRCUIT AS INDICATED ON THE DRAWINGS. MINIMUM CONDUCTOR SIZE = #12 MINIMUM CONDUIT SIZE = 3/4 INCH SUBSCRIPT EXAMPLE: 4#8 = (3) UNGROUNDED AND (1) NEUTRAL CONDUCTORS SIZE IF OTHER THAN #12 1" = CONDUIT SIZE A-1 = PANEL NAME - POLE POSITION IN PANEL
	ELECTRICAL METER
	EXISTING UTILITY POLE
	NEW UTILITY POLE
	NEW UTILITY POLE WITH POLE MOUNTED TRANSFORMERS
	EXISTING UTILITY POLE WITH POLE MOUNTED TRANSFORMERS

DEMOLITION vs EXISTING LINE WEIGHTS	
DEMO	EXISTING



FIRE ALARM	
SYMBOL	DESCRIPTION
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM NOTIFICATION DEVICE (WALL & CEILING) - SUBSCRIPT INDICATES THE FOLLOWING: S - STROBE, SS - SPEAKER STROBE, H - HORN, HS - HORN STROBE, SP - SPEAKER
	FIRE ALARM INITIATION DEVICE (WALL & CEILING) - SUBSCRIPT INDICATES THE FOLLOWING : S - SMOKE, H - HEAT, CO - CARBON MONOXIDE, CS - COMBINATION CARBON MONOXIDE/SMOKE, CH - COMBINATION CARBON MONOXIDE/HEAT
	FIRE ALARM INITIATION AND NOTIFICATION DEVICE (WALL & CEILING) - SUBSCRIPT INDICATES THE FOLLOWING : SS - COMBINATION SMOKE DETECTOR/SOUNDER BASE
	FIRE ALARM DUCT TYPE SMOKE DETECTOR - SUBSCRIPT INDICATES EQUIPMENT IDENTIFICATION TAG
	MAGNETIC DOOR HOLDER (WALL & CEILING)
	FIRE ALARM TAMPER SWITCH
	FIRE ALARM FLOW SWITCH
	FIRE ALARM AIR PRESSURE SWITCH
	FIRE ALARM CONTROL PANEL. PANEL IS RECESSED TYPE WHEN SHOWN WITHIN WALLS ON DRAWING.
	FIRE ALARM ANNUNCIATOR. PANEL IS RECESSED TYPE WHEN SHOWN WITHIN WALLS ON DRAWING.

SYSTEMS	
SYMBOL	DESCRIPTION
	EXISTING COMMUNICATIONS OUTLET
	DATA OUTLET FOR WIRELESS ACCESS POINT WITH TWO RJ45 DATA JACKS WITH TWO UTP CABLES IN SURFACE RACEWAY, 1 INCH CONDUIT OR CABLE TRAY TO THE NEAREST MDF OR IDF (WALL & CEILING)
	VOICE/DATA OUTLET WITH # VOICE AND # OF DATA JACKS AND # UTP CABLES IN SURFACE RACEWAY, 1 INCH CONDUIT, OR CABLE TRAY TO THE NEAREST MDF OR IDF (W - INDICATES THE NUMBER OF VOICE JACKS AND CABLES, #D - INDICATES THE NUMBER OF DATA JACKS AND CABLES), C - INSTALL 4 INCHES ABOVE COUNTER OR BACKSPLASH, CG - CEILING MOUNTED
	PEDESTAL MOUNTED VOICE/DATA OUTLET WITH #VOICE AND # DATA JACKS AND # RJ45 DATA JACKS AND # UTP WET LOCATION CABLES IN A 1 INCH CONDUIT TO THE NEAREST MDF OR IDF (W - INDICATES THE NUMBER OF VOICE JACKS AND CABLES, #D - INDICATES THE NUMBER OF DATA JACKS AND CABLES)
	FLOOR BOX WITH # RJ45 DATA JACKS. PROVIDE WITH COVERPLATE. INSTALL # UTP WET LOCATION CABLES IN A 1 INCH CONDUIT FROM THE DATA COMPARTMENT TO THE NEAREST MDF OR IDF (# - INDICATES THE NUMBER OF JACKS AND CABLES)
	MULTIMEDIA OUTLET: 4-1/16 INCHES OUTLET BOX WITH TWO 1-1/4 INCH CONDUITS TO ABOVE ACCESSIBLE CEILING (WALL & CEILING)
	VGA/RCA OUTLET WITH ONE VGA CONNECTOR AND TWO RCA CONNECTORS. INSTALL CABLES IN SURFACE RACEWAY, 1-1/4 INCH CONDUIT, J-HOOKS OR CABLE TRAY. THE VGA CABLE MUST BE RAPID RUN TYPE WITH REMOVABLE LEADS OR APPROVED EQUAL.
	TELEVISION OUTLET WITH ONE F-TYPE CONNECTOR WITH COAXIAL CABLE IN SURFACE RACEWAY, 3/4 INCH CONDUIT, OR CABLE TRAY TO THE TELEVISION DISTRIBUTION SYSTEM
	PROJECTOR (CEILING & WALL MOUNT)
	ADMINISTRATIVE CONTROL CENTER. CONNECT TO THE INTERCOM SYSTEM AS REQUIRED
	DOOR RELEASE BUTTON
	INTERCOM SPEAKER (CEILING; RECESSED WALL-MOUNTED; HORN-TYPE WALL MOUNTED)
	INTERCOM SPEAKER WITH INTEGRAL VOLUME CONTROL (CEILING & WALL MOUNT)
	SELF-AMPLIFIED SPEAKER (CEILING & WALL MOUNT)
	SOUND SYSTEM SPEAKER (SC - CAFETERIA; SG - GYMNASIUM; SM - MEDIA CENTER)
	SPEAKER VOLUME CONTROL
	SINGLE SIDED CLOCK (DIGITAL & ANALOG)
	DOUBLE SIDED CLOCK (DIGITAL & ANALOG)
	MICROPHONE OUTLET
	AUXILIARY INPUT OUTLET FOR THE LOCAL SOUND SYSTEM
	INTERCOM CALL BUTTON
	CABLE TRAY. MINIMUM DIMENSIONS AS INDICATED ON DRAWINGS.
	J-HOOK PATHWAY
	FLOOR MOUNTED FOUR POST DATA RACK, 84 INCHES TALL, 30 INCHES DEEP, WITH VERTICAL WIRE MANAGEMENT.
	FLOOR MOUNTED TWO POST DATA RACK, 84 INCHES TALL, 30 INCHES DEEP, WITH VERTICAL WIRE MANAGEMENT.
	DOORBELL PUSH BUTTON
	DOORBELL AUDIO/VISUAL NOTIFICATION DEVICE
	SECURITY SYSTEM SIREN
	SECURITY INTERCOM STATION
	SECURITY SYSTEM KEY PAD
	SECURITY SYSTEM CARD READER
	SECURITY SYSTEM AUDIO SENSOR
	SECURITY SYSTEM MOTION DETECTOR (CEILING & WALL); X - DEGREE OF MOTION
	CEILING MOUNTED SECURITY SYSTEM CAMERA
	WALL MOUNTED SECURITY SYSTEM CAMERA
	DOOR CONTACT/POSITION SWITCH
	PRESS PLATE FOR AUTOMATIC DOOR OPERATOR
	ACCESS POINTS WITH ELECTRIFIED DOOR HARDWARE
	SOUND SYSTEM ANTENNA

ABBREVIATIONS		
±10'	+10'	INDICATES THE MOUNTING HEIGHT OF THE DEVICE TO BOTTOM.
1Ø		1-PHASE
3Ø		3-PHASE
ATS		AUTOMATIC TRANSFER SWITCH
BTM		BOTTOM
CT		CURRENT TRANSFORMER
EOE		EXISTING OVERHEAD ELECTRIC
EOF		EXISTING OVERHEAD FIBER OPTIC
EOP		EXISTING OVERHEAD PRIMARY
EOS		EXISTING OVERHEAD SECONDARY
EOT		EXISTING OVERHEAD TELEPHONE
EUE		EXISTING UNDERGROUND ELECTRIC
EUF		EXISTING UNDERGROUND FIBER OPTIC
EUP		EXISTING UNDERGROUND PRIMARY
EUS		EXISTING UNDERGROUND SECONDARY
EUT		EXISTING UNDERGROUND TELEPHONE
EOTV		EXISTING OVERHEAD TELEVISION
EUTV		EXISTING UNDERGROUND TELEVISION
GF		GROUND FAULT PROTECTION
GND		GROUND
KWH		KILO WATT HOUR
OE		OVERHEAD ELECTRIC
OF		OVERHEAD FIBER OPTIC
OP		OVERHEAD PRIMARY
OS		OVERHEAD SECONDARY
OT		OVERHEAD TELEPHONE
OTV		OVERHEAD TELEVISION
PT		POTENTIAL TRANSFORMER
SPD		SURGE PROTECTIVE DEVICE
UE		UNDERGROUND ELECTRIC
UF		UNDERGROUND FIBER OPTIC
UP		UNDERGROUND PRIMARY
US		UNDERGROUND SECONDARY
UT		UNDERGROUND TELEPHONE
UTP		UNSHIELDED TWISTED PAIR
UTV		UNDERGROUND TELEVISION
WG		PROVIDE DEVICE WITH MANUFACTURER'S WIREGUARD.
WP		PROVIDE DEVICE WITH WEATHERPROOF COVER. RECEPTACLES TO BE WEATHER-RESISTANT TYPE AND PROVIDED WITH A CAST ALUMINUM, EXTRA DUTY, WHILE-IN-USE COVER.

ELECTRICAL DEVICE MOUNTING HEIGHTS	
SWITCHES	48 INCHES TO TOP
INTERIOR RECEPTACLES	16 INCHES TO BOTTOM
EXTERIOR RECEPTACLES	24 INCHES TO BOTTOM
COMMUNICATIONS / DATA OUTLETS	16 INCHES TO BOTTOM
FIRE ALARM MANUAL PULL STATIONS	48 INCHES TO TOP
FIRE ALARM HORN/STROBE SIGNAL	80 INCHES TO BOTTOM
FIRE ALARM STROBE SIGNAL	80 INCHES TO BOTTOM
WALL TELEPHONES	48 INCHES TO TOP
TELEVISION OUTLETS	72 INCHES TO BOTTOM
CLOCKS	96 INCHES TO TOP

NOTE: MOUNTING HEIGHTS UNLESS OTHERWISE NOTED ON DRAWINGS.

GENERAL NOTES:

DEMOLITION

- A. ALL ELECTRICAL ITEMS SHOWN AS LIGHTER WEIGHT ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
- B. ALL ELECTRICAL ITEMS SHOWN IN HEAVIER WEIGHT SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- C. THE CONDUIT, CONDUCTORS, HANGERS, SUPPORTS, CONCRETE BASES, HOUSEKEEPING PADS, AND ANY OTHER ITEMS ASSOCIATED WITH EQUIPMENT SHOWN TO BE REMOVED SHALL ALSO BE REMOVED UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE REMOVED BACK TO THE SOURCE. ALL ACCESSIBLE CONDUITS SHALL BE REMOVED. EXISTING UNDERGROUND CONDUITS MAY BE ABANDONED IN PLACE AFTER THEIR ENDS HAVE BEEN REMOVED TO A MINIMUM OF 30 INCHES BELOW GRADE AND CAPPED.
- D. WHERE ANY EXISTING ELECTRICAL ITEMS ARE SHOWN TO BE REMOVED, THE ELECTRICAL CONTRACTOR SHALL RECONNECT WIRING AS REQUIRED TO ENSURE ALL DOWNSTREAM DEVICES REMAIN OPERATIONAL.
- E. REMOVE ALL EXISTING AND ACCESSIBLE ABANDONED LOW VOLTAGE CABLING. ACCESSIBLE AREAS INCLUDE, BUT NOT LIMITED TO, ABOVE LAY-IN CEILINGS, BELOW RAISED FLOORS AND EXPOSED LOCATIONS.
- F. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING ALL AREAS WHERE WALLS, SLABS AND MATERIALS HAVE BEEN CUT, REMOVED OR MODIFIED AS A RESULT OF DEMOLITION. PATCHING AND REPAIRS SHALL MATCH THE ADJACENT EXISTING MATERIALS, RATINGS AND FINISHES.
- G. REFER TO THE MECHANICAL, PLUMBING, AND FIRE PROTECTION PLANS FOR LOCATION OF EQUIPMENT REQUIRING ELECTRICAL DEMOLITION. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING EQUIPMENT AND DEMOLISHING THE ASSOCIATED CONDUIT, CONDUCTORS, DISCONNECTS, STARTERS, ETC.
- H. ALL EXISTING ITEMS SHOWN HAVE BEEN COMPILED FROM SITE SURVEYS, RECORD DRAWINGS AND VISUAL SITE INSPECTIONS. ALL ITEMS TO BE REMOVED MAY NOT BE SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BECOME FAMILIAR WITH THE EXTENT OF THE DEMOLITION WORK REQUIRED.
- I. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL EXISTING SYSTEMS ACTIVE UNTIL THEY ARE DEMOLISHED IN THEIR RESPECTIVE PHASES. PROVIDE ALL TEMPORARY CONNECTIONS AS REQUIRED. COORDINATE ALL DEMOLITION WORK WITH THE TIMING/SEQUENCE OF NEW WORK.
- J. WHERE THE CONTRACT DOCUMENTS INCLUDE THE REMOVAL OF THE EXISTING CEILINGS, EXISTING CEILING MOUNTED DEVICES NOT SHOWN TO BE REMOVED SHALL BE PROTECTED, SUPPORTED IN-PLACE AND REINSTALLED IN THE NEW CEILING.

SITE UTILITIES:

- A. COORDINATE ALL SITE UTILITY WORK WITH THE FOLLOWING:
 - POWER COMPANY
NAME - NUMBER
 - TELEVISION COMPANY
NAME - NUMBER
 - TELEPHONE COMPANY
NAME - NUMBER
- B. ALL COSTS FROM THE UTILITY COMPANIES LISTED ABOVE SHALL BE THE ELECTRICAL CONTRACTOR'S FINANCIAL RESPONSIBILITY.
- C. KY B.U.D. BEFORE YOU DIG PHONE 1-800-752-6007. THE UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS ARE FROM SITE SURVEYS, RECORD DRAWINGS AND FROM VISUAL SITE INSPECTIONS. UTILITY LOCATIONS ARE APPROXIMATE AND THERE MAY BE OTHER UNDERGROUND UTILITIES IN THE AREA. CONTACT ALL UTILITY COMPANIES PRIOR TO BEGINNING ANY EXCAVATION.
- D. COORDINATE ALL ELECTRICAL SITE WORK (DEMOLITION AND NEW INSTALLATIONS) WITH THE NEW SITE GRADING.
- E. UNDERGROUND CONDUITS SHALL BE BURIED A MINIMUM OF 30-INCHES BELOW GRADE UNLESS OTHERWISE NOTED.

SYSTEMS

- A. ALL FIRE ALARM CABLING SHALL BE INSTALLED WITHIN A MINIMUM OF 3/4 INCH CONDUIT.
- B. ALL ELECTRICALLY CONDUCTIVE CABLES INSTALLED OUTDOORS SHALL BE PROVIDED WITH SURGE PROTECTION DEVICE(S). THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: FIRE ALARM CABLING FOR TAMPER SWITCHES, EXTERIOR MOUNTED SECURITY CAMERA CABLING, EXTERIOR MOUNTED SPEAKER CABLING AND CABLING BETWEEN SEPARATE BUILDINGS.
- C. INSTALL A DEDICATED 4-PAIR CATEGORY 6A TELEPHONE CABLE FROM THE TELEPHONE DEMARCATON TO THE FIRE ALARM COMMUNICATOR/TRANSMITTER. CONNECT CABLE AHEAD OF ANY TELEPHONE SYSTEM AS REQUIRED FOR THE COMMUNICATOR/TRANSMITTER TO CAPTURE TWO TELEPHONE LINES.

SURFACE RACEWAY

- A. ALL SURFACE RACEWAYS SHALL BE WIREMOLD 700, AND 2400 SERIES OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
- B. 700 SERIES SHALL BE USED FOR RECEPTACLES, SWITCHES AND FIRE ALARM DEVICES. 2400 SERIES SHALL BE INSTALLED FOR VOICE AND DATA CABLING.
- C. ALL SURFACE RACEWAY IS TO BE MOUNTED ON EXISTING WALLS ONLY. USE SUPPORTING CLIPS AND NOT MOUNTING STRAPS. THE CONTRACTOR HAS THE OPTION TO FISH FLEXIBLE CONDUIT DOWN EXISTING WALLS IN LIEU OF USING SURFACE RACEWAY.
- D. COORDINATE THE ROUTING OF ALL RACEWAY WITH WALL MOUNTED FURNISHINGS (I.E. TACKBOARDS, MARKERBOARDS, INTERACTIVE WHITEBOARDS, ETC.).

CABLING

- A. ALL EXPOSED LOW VOLTAGE CABLING SHALL BE PLENUM RATED.

KITCHEN

- A. THE ELECTRICAL CONTRACTOR IS TO MAKE ALL ELECTRICAL CONNECTIONS BETWEEN THE KITCHEN HOOD AND ASSOCIATED ROOF-TOP MECHANICAL UNITS. COORDINATE ALL REQUIREMENTS AND CONNECTION LOCATIONS.
- B. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED CONNECTIONS BETWEEN THE KITCHEN HOOD CONTROL PANEL AND THE FIRE ALARM SYSTEM, KITCHEN HOOD MAKE-UP AIR UNIT SUPPLY FAN MOTOR(S) AND THE SHUNT-TRIP BREAKERS SERVING WITH THE KITCHEN EQUIPMENT. IN THE EVENT THE KITCHEN HOOD FIRE SUPPRESSION SYSTEM IS ACTIVATED, THE FIRE ALARM SYSTEM SHALL ACTIVATE, THE SHUNT-TRIP BREAKERS SHALL TRIP AND THE SUPPLY FAN MOTOR(S) SHALL SHUT-OFF.
- C. WHERE RECEPTACLES ARE LOCATED IN THE KITCHEN. ALL 120 VOLT AND 208 VOLT SINGLE PHASE RECEPTACLES RATED 50 AMPS OR LESS AND ALL 208 VOLT THREE-PHASE RECEPTACLES RATED 100 AMPS OR LESS SHALL BE GFCI PROTECTED.
- D. INSTALL AN APPROPRIATE SEALING CONDUIT FITTING AT EACH LOCATION CONDUIT ENTERS THE WALK-IN COOLER/FREEZER. SEAL WITH AN APPROVED SEALING COMPOUND.
- E. KITCHEN EQUIPMENT ELECTRICAL LAYOUT AND POWER REQUIREMENTS ARE SHOWN FOR BID PURPOSES ONLY. COORDINATE ALL KITCHEN EQUIPMENT ELECTRICAL REQUIREMENTS AND ROUGH-IN LOCATIONS WITH THE REVIEWED KITCHEN SHOP DRAWINGS AND THE KITCHEN EQUIPMENT CONTRACTOR PRIOR TO INSTALLATION OF ANY CIRCUITS SERVING THE KITCHEN EQUIPMENT.
- F. PROVIDE AN OCCUPANT NOTIFICATION SYSTEM IN THE KITCHEN CONSISTING OF A COMBINATION AUDIBLE AND VISUAL NOTIFICATION DEVICE IN THE KITCHEN WORK AREA WITH A PUSHBUTTON ACTUATOR LOCATED AT THE EXTERIOR ENTRANCE TO THE KITCHEN. REFER TO THE KITCHEN PLAN FOR LOCATIONS. THE AUDIBLE/VISUAL DEVICE SHALL BE 120V WITH CLEAR LENS, EDWARDS 8695TRC-N6 OR EQUIVALENT. THE PUSHBUTTON SHALL BE 120V, MOMENTARY CONTACT WITH STAINLESS STEEL COVERPLATE, EDWARDS 852 OR EQUIVALENT.

NOMINAL VOLTAGE

- A. THE NOMINAL VOLTAGE FOR THE POWER DISTRIBUTION SYSTEM SHALL BE 120/240V, 120/208V OR 277/480V AS NOTED ON THE DRAWINGS.
- B. THE CONTRACTOR SHALL CONFIRM THE SUPPLY VOLTAGE AT THE SERVICE IS NOMINAL PRIOR TO ENERGIZING PERMANENT POWER. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY AND ADJUST THE TAPS ON THE UTILITY TRANSFORMER AS NECESSARY TO PROVIDE THE SPECIFIED NOMINAL VOLTAGE AT THE SERVICE.
- C. THE CONTRACTOR SHALL CONFIRM THE SUPPLY VOLTAGE ON EQUIPMENT CONNECTED TO THE SECONDARY OF DISTRIBUTION TRANSFORMERS IS NOMINAL PRIOR TO ENERGIZING. THE CONTRACTOR SHALL ADJUST THE TAPS ON DISTRIBUTION TRANSFORMERS AS NECESSARY TO PROVIDE THE SPECIFIED NOMINAL VOLTAGE AT THE EQUIPMENT.
- D. THE CONTRACTOR SHALL INFORM THE ENGINEER IF THE VOLTAGE AT THE SERVICE OR AT THE EQUIPMENT CONNECTED TO THE SECONDARY OF DISTRIBUTION TRANSFORMERS IS MORE THAN +/- 2% OF NOMINAL.
- E. THE CONTRACTOR SHALL PROVIDE A WRITTEN RECORD OF THE MEASURED VOLTAGES TO THE ENGINEER AND INCLUDE A COPY IN THE O&M MANUALS.

INTERRUPTIONS OF SERVICE

- A. THE BUILDING SERVICES AND SYSTEMS SHALL REMAIN OPERATIONAL THROUGHOUT THE DURATION OF THE PROJECT. IF INTERRUPTIONS TO ANY SERVICE OR SYSTEM ARE NECESSARY TO FACILITATE COMPLETING THE PROJECT, THE CONTRACTOR SHALL:
 - A.A. APPRISE THE OWNER OF ANTICIPATED INTERRUPTIONS IN ADVANCE AND SCHEDULE FOR TIMES THAT ARE CONVENIENT TO THE OWNER AND ALL OTHER AFFECTED PARTIES.
 - A.B. COORDINATE AN ACCEPTABLE DURATION AND WORK AS NECESSARY TO MEET THE AGREED UPON SCHEDULE.
 - A.C. NO INTERRUPTIONS SHALL OCCUR PRIOR TO RECEIVING WRITTEN APPROVAL FROM THE OWNER AND ALL OTHER AFFECTED PARTIES.
- B. FOR UNPLANNED INTERRUPTIONS, THE CONTRACTOR SHALL WORK CONTINUOUSLY TO RESTORE THE AFFECTED SERVICE(S) AND SYSTEM(S).

JOB NO.	###
DATE	JULY 14, 2022
DRAWN	WAB
CHECKED	JSF

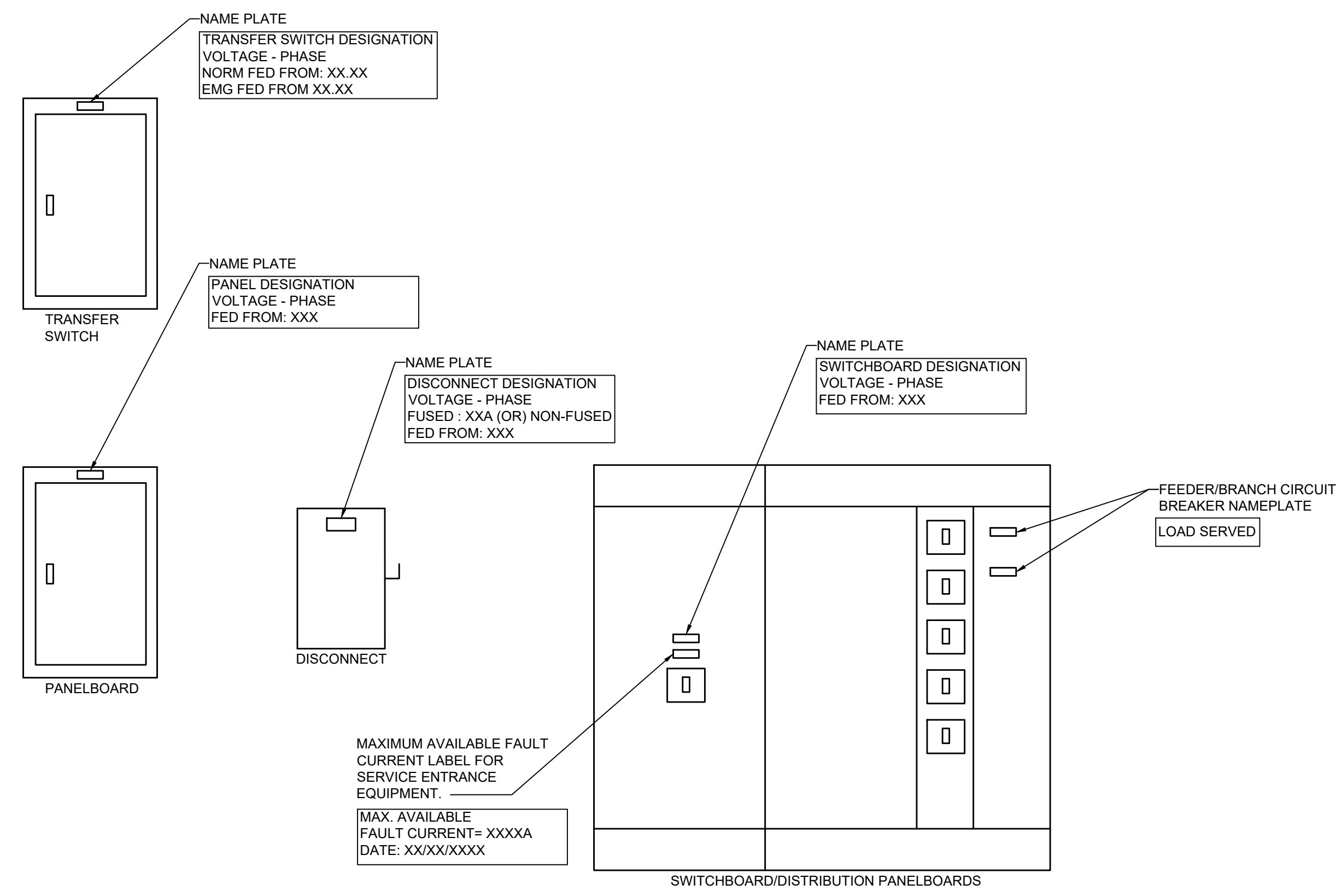
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REVISIONS

No.	Description	Date

SHEET

E0.2



NOTE:

1. THIS DETAIL IS A REPRESENTATION OF THE LABELING REQUIREMENTS FOR ELECTRICAL EQUIPMENT. ALL ELECTRICAL EQUIPMENT, WHETHER IT IS EXPLICIT SHOWN OR NOT, SHALL BE LABELED IN A SIMILAR MANNER.
2. ALL LABELS SHALL BE ENGRAVED LAMINATED ACRYLIC. THE EQUIPMENT DESIGNATION SHALL HAVE A MINIMUM TEXT HEIGHT OF 3/8". THE REMAINING TEXT SHALL HAVE A MINIMUM HEIGHT OF 1/8".
3. LABELS FOR EQUIPMENT CONNECTED TO THE NORMAL POWER SYSTEM SHALL BE BLACK WITH WHITE TEXT. LABELS FOR EQUIPMENT CONNECTED TO THE EMERGENCY POWER SYSTEM SHALL BE RED WITH WHITE TEXT.
4. NAMEPLATES FOR EQUIPMENT LOCATED IN THE INTERIOR OF THE BUILDING SHALL BE ATTACHED WITH 3M SELF-ADHESIVES. EQUIPMENT INSTALLED AT EXTERIOR OF THE BUILDING SHALL BE ATTACHED WITH SCREWS AND THE LABEL SHALL HAVE PRE-PUNCHED OR PREDRILLED HOLES.

ELECTRICAL EQUIPMENT IDENTIFICATION

NOT TO SCALE

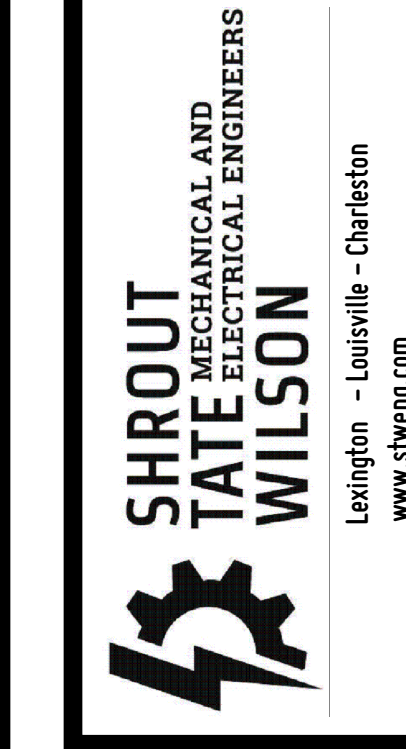
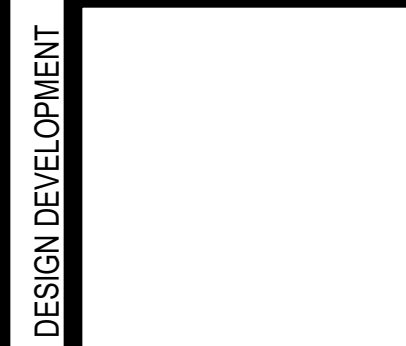
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SHEET



ALLEN COUNTY SCHOOL
MULTI-BUILDING UPGRADES
ALLEN COUNTY BOARD OF EDUCATION
SCOTTSVILLE, KENTUCKY

**ALLEN COUNTY BUILDING
UPGRADES
ELECTRICAL LEGEND AND
GENERAL NOTES**

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SHEET

E1.1

GENERAL NOTES:

- REFER TO SHEET E0.1 FOR GENERAL NOTES.
- ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLEING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

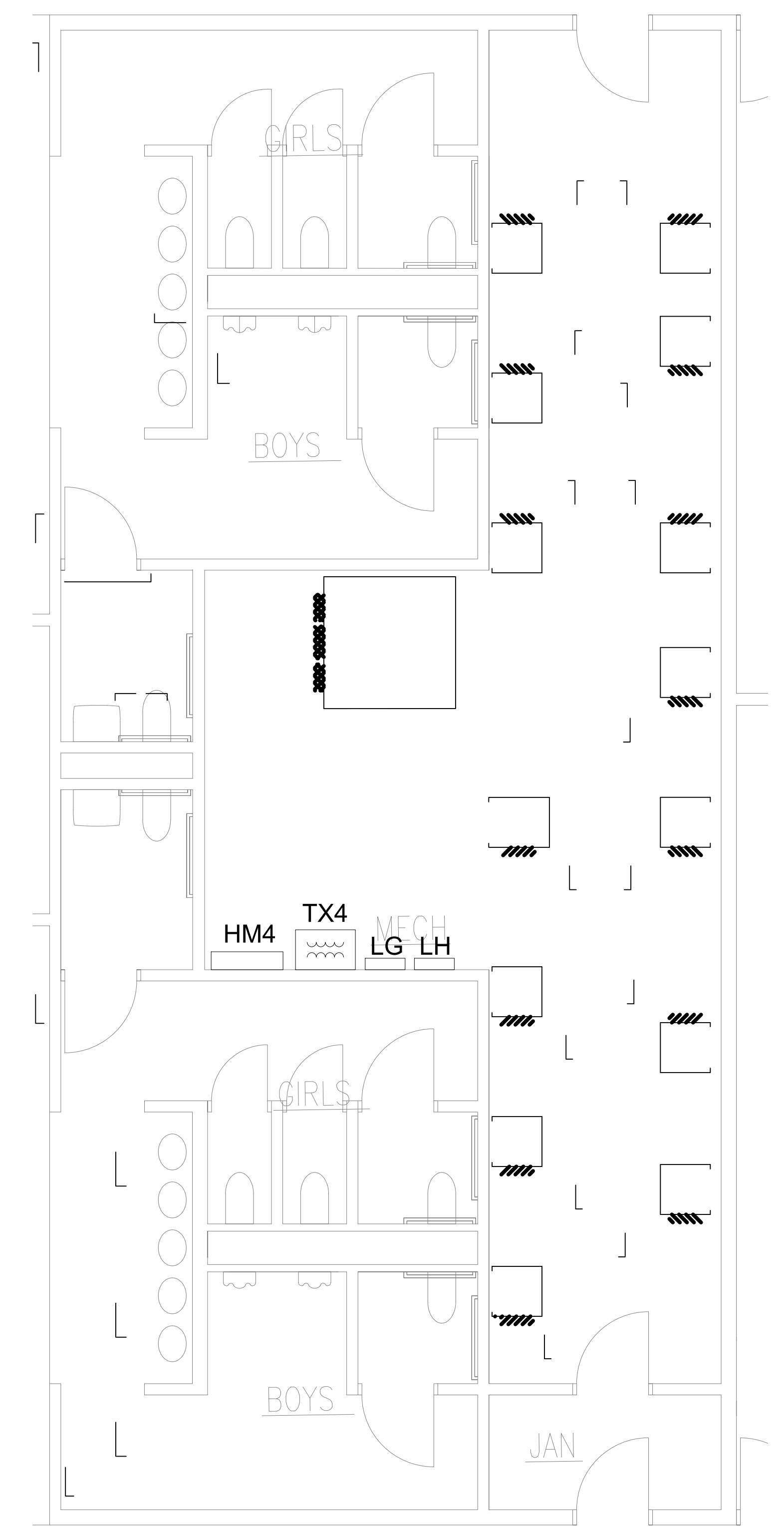
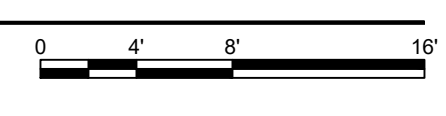
SHEET KEYNOTES:

- xxx



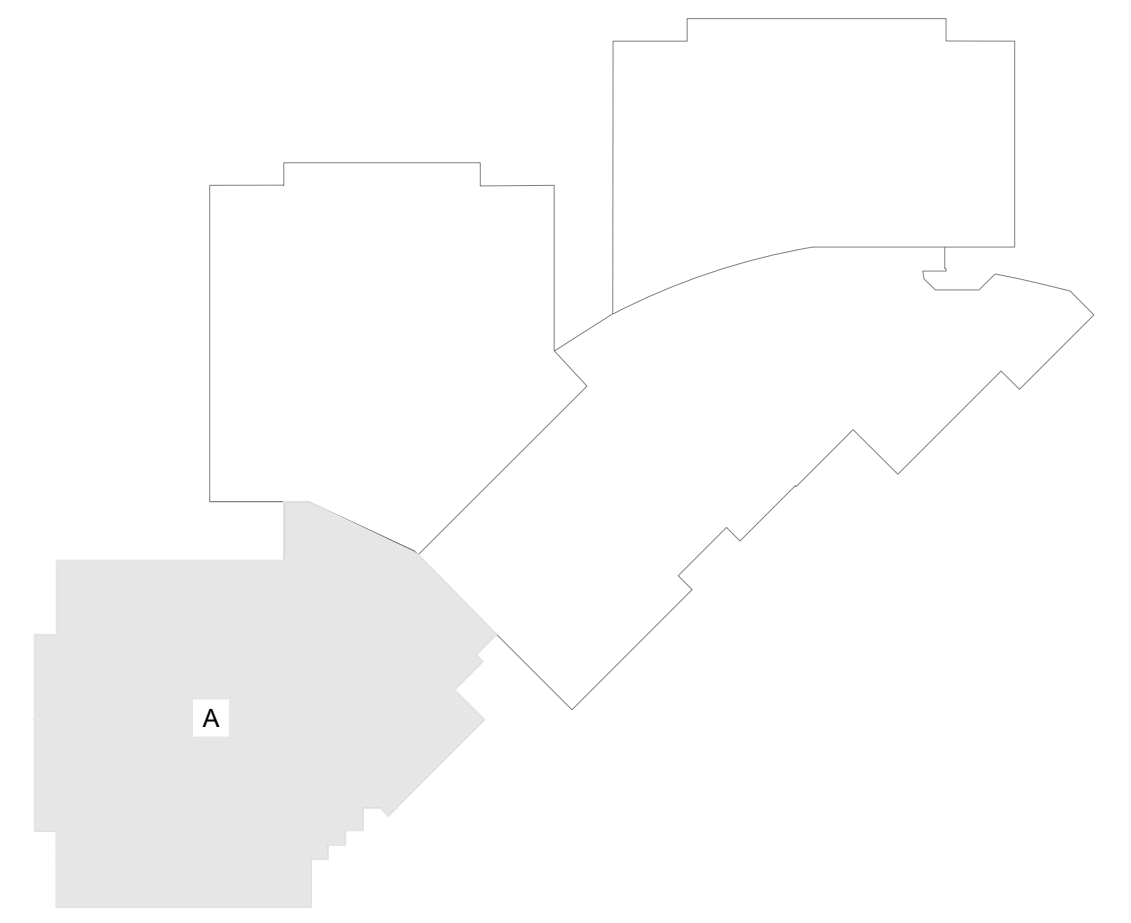
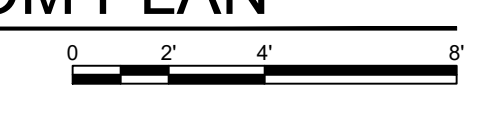
1 PARTIAL FIRST FLOOR PLAN - A - ELECTRICAL

SCALE: 1/8"=1'-0"



2 ENLARGED MECHANICAL ROOM PLAN

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



KEY PLAN

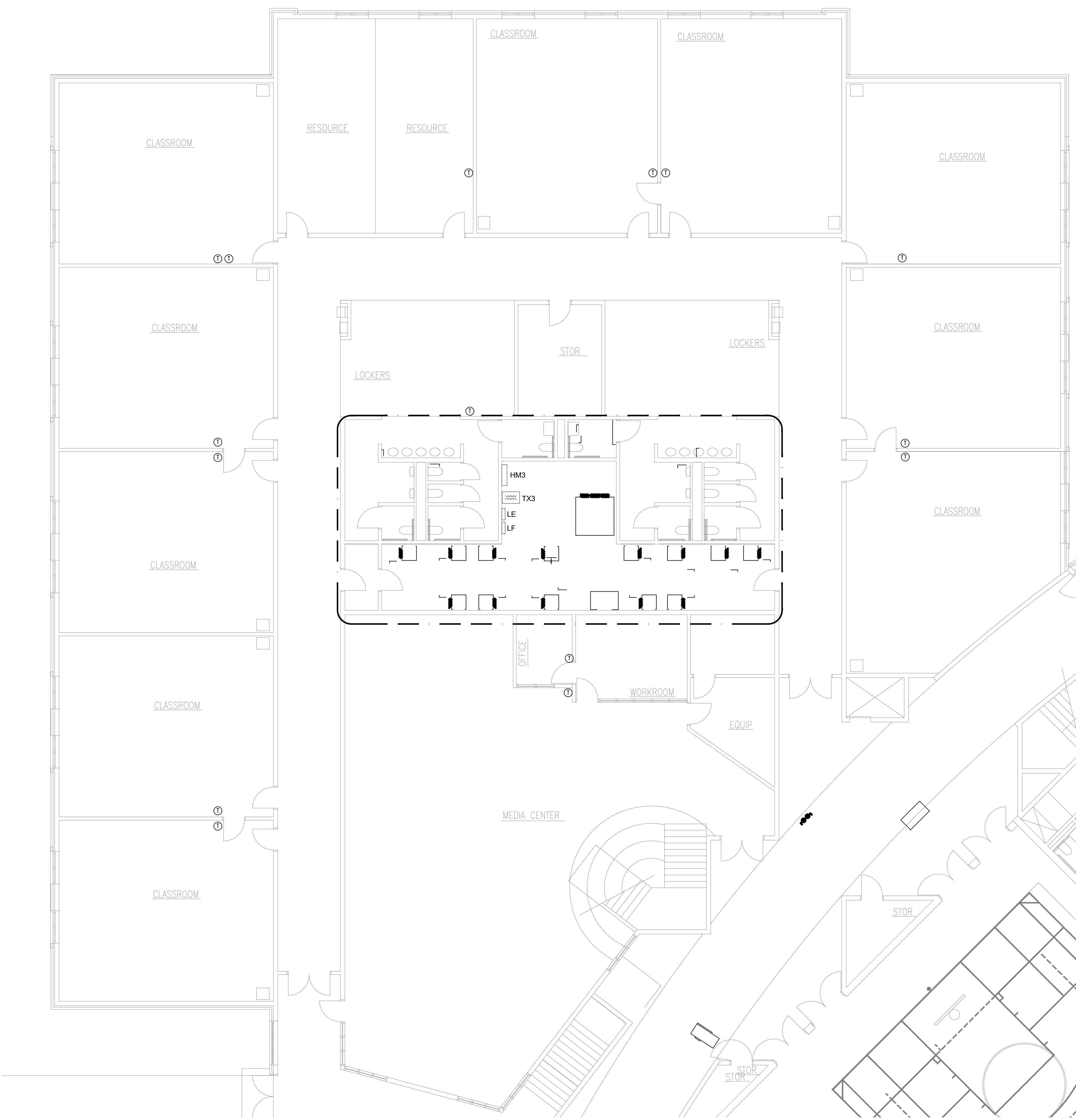
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E1.2



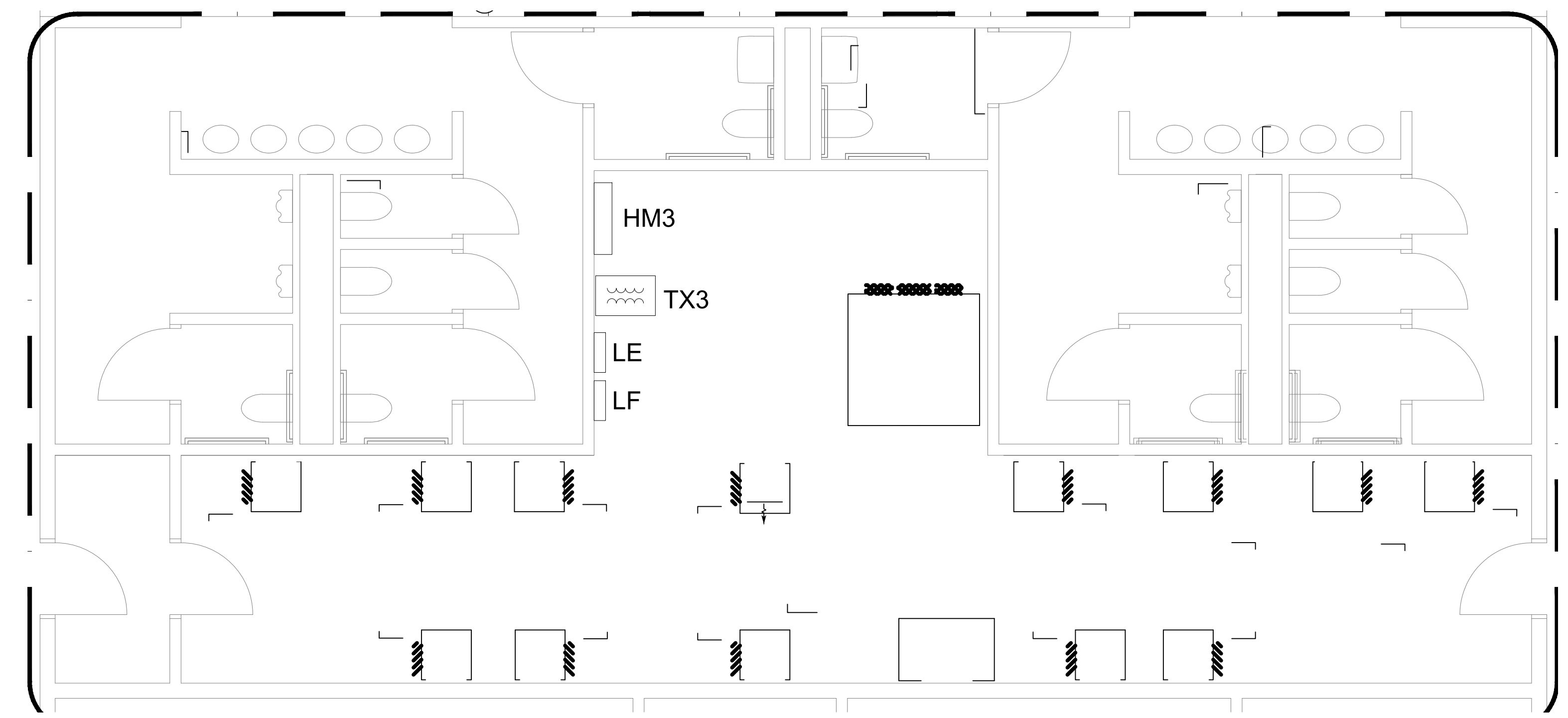
1 PARTIAL FIRST FLOOR PLAN - B - ELECTRICAL
SCALE: 1/8"=1'-0"

GENERAL NOTES:

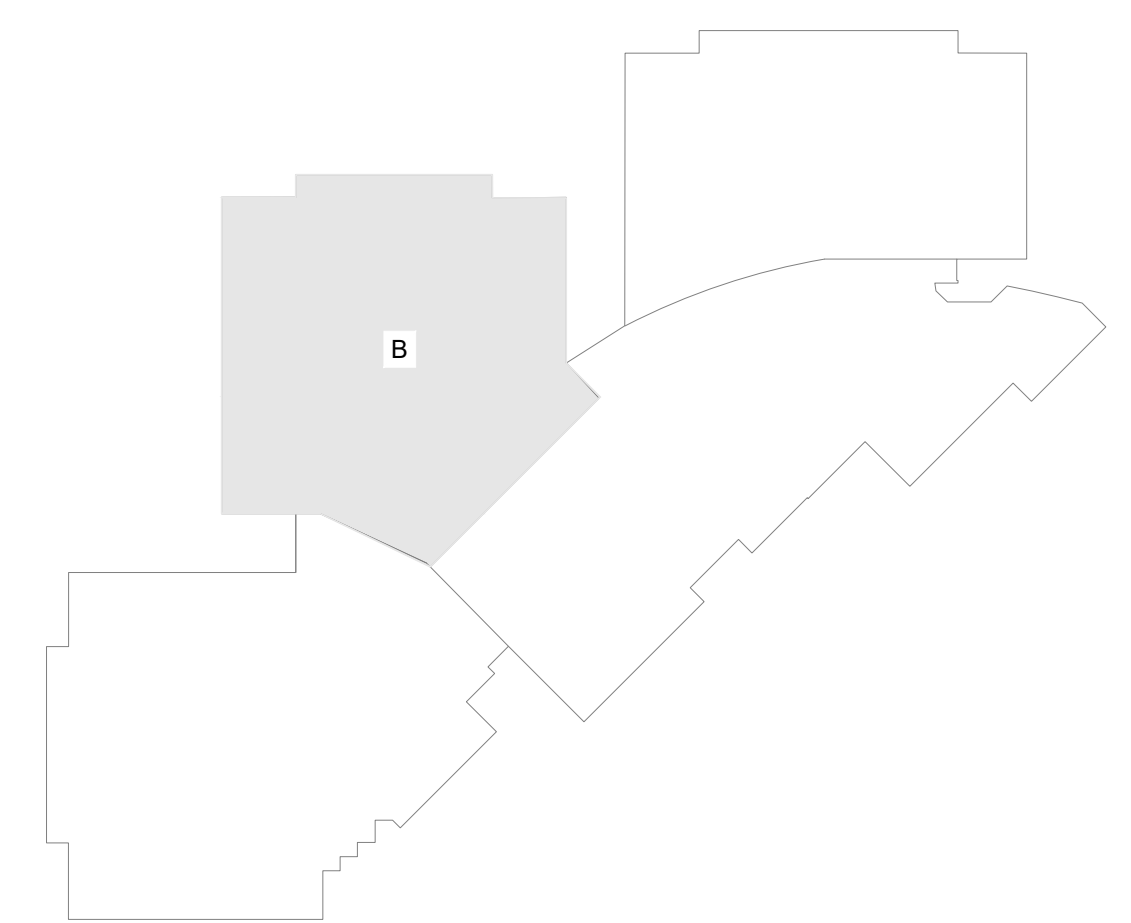
- REFER TO SHEET E0.1 FOR GENERAL NOTES.
- ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

SHEET KEYNOTES:

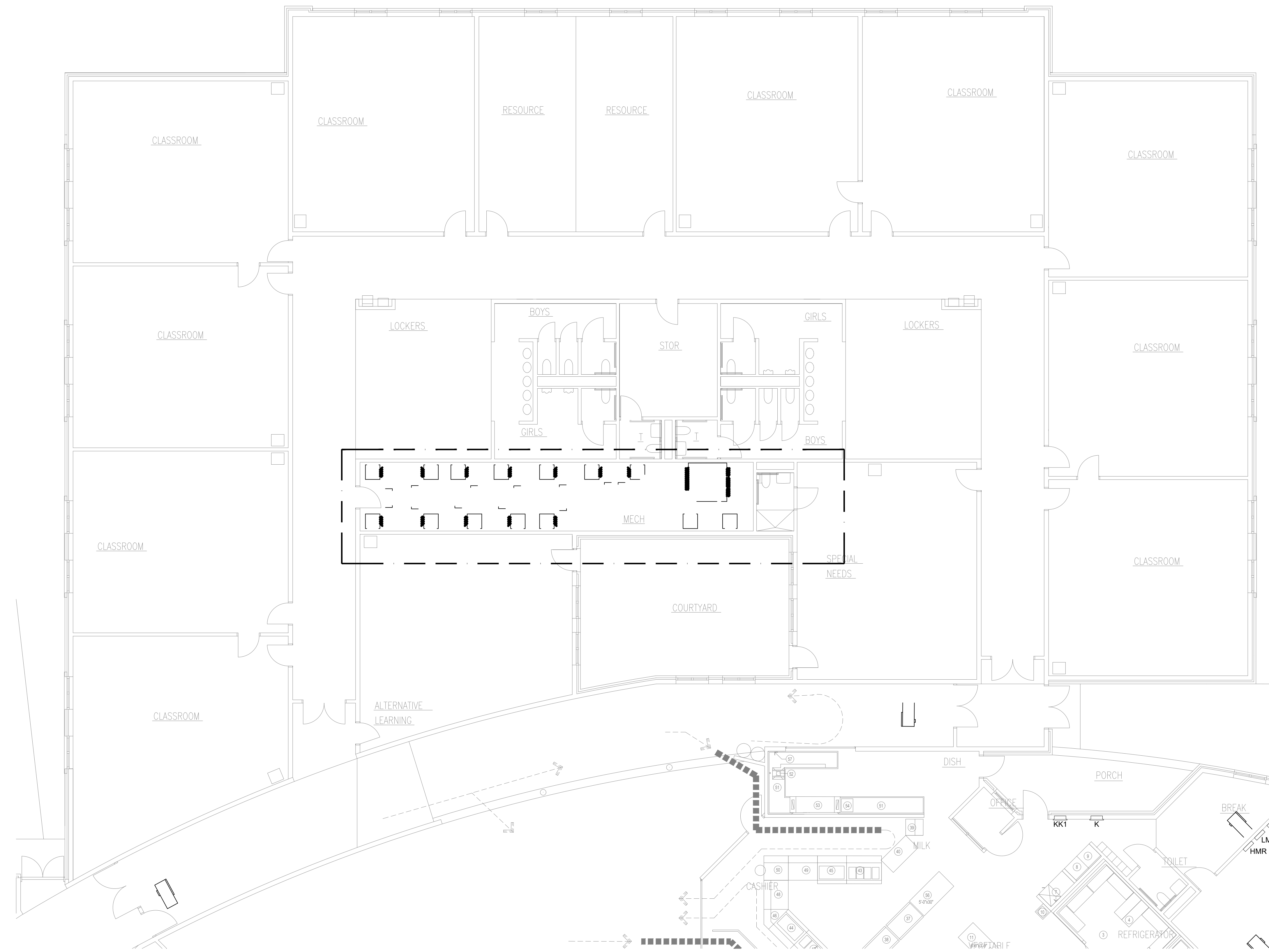
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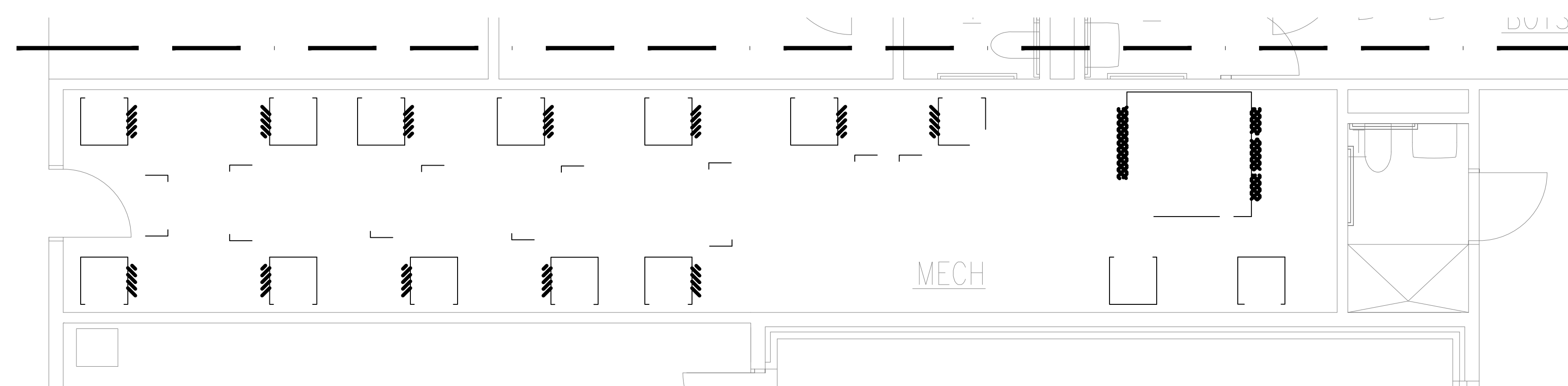
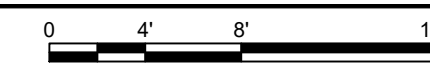
2 ENLARGED MECHANICAL ROOM PLAN
SCALE: 1/4"=1'-0"



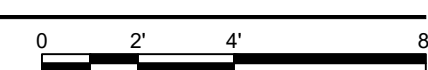
KEY PLAN



1 PARTIAL FIRST FLOOR PLAN - C - ELECTRICAL
SCALE: 1/8"=1'-0"



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

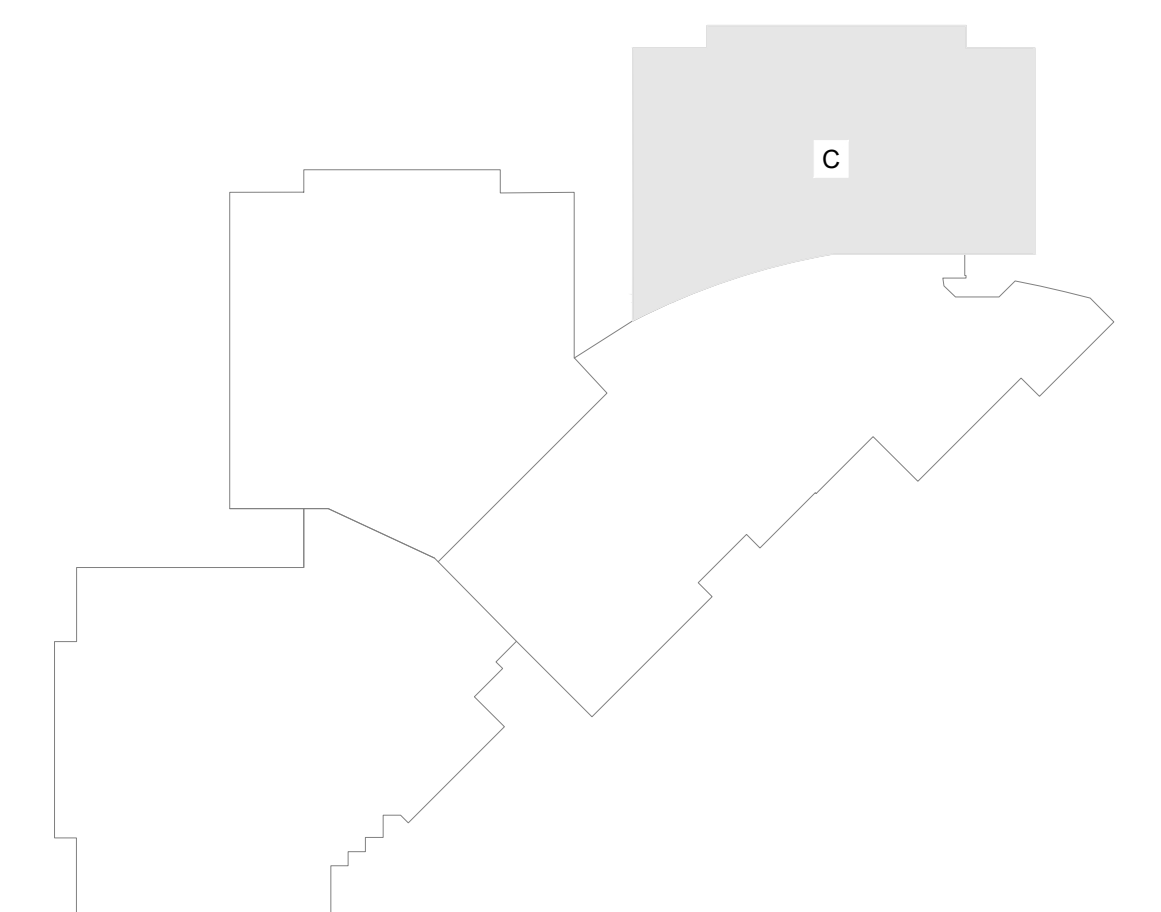


GENERAL NOTES:

1. REFER TO SHEET E0.1 FOR GENERAL NOTES.
2. ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

○ SHEET KEYNOTES:

1. xxx



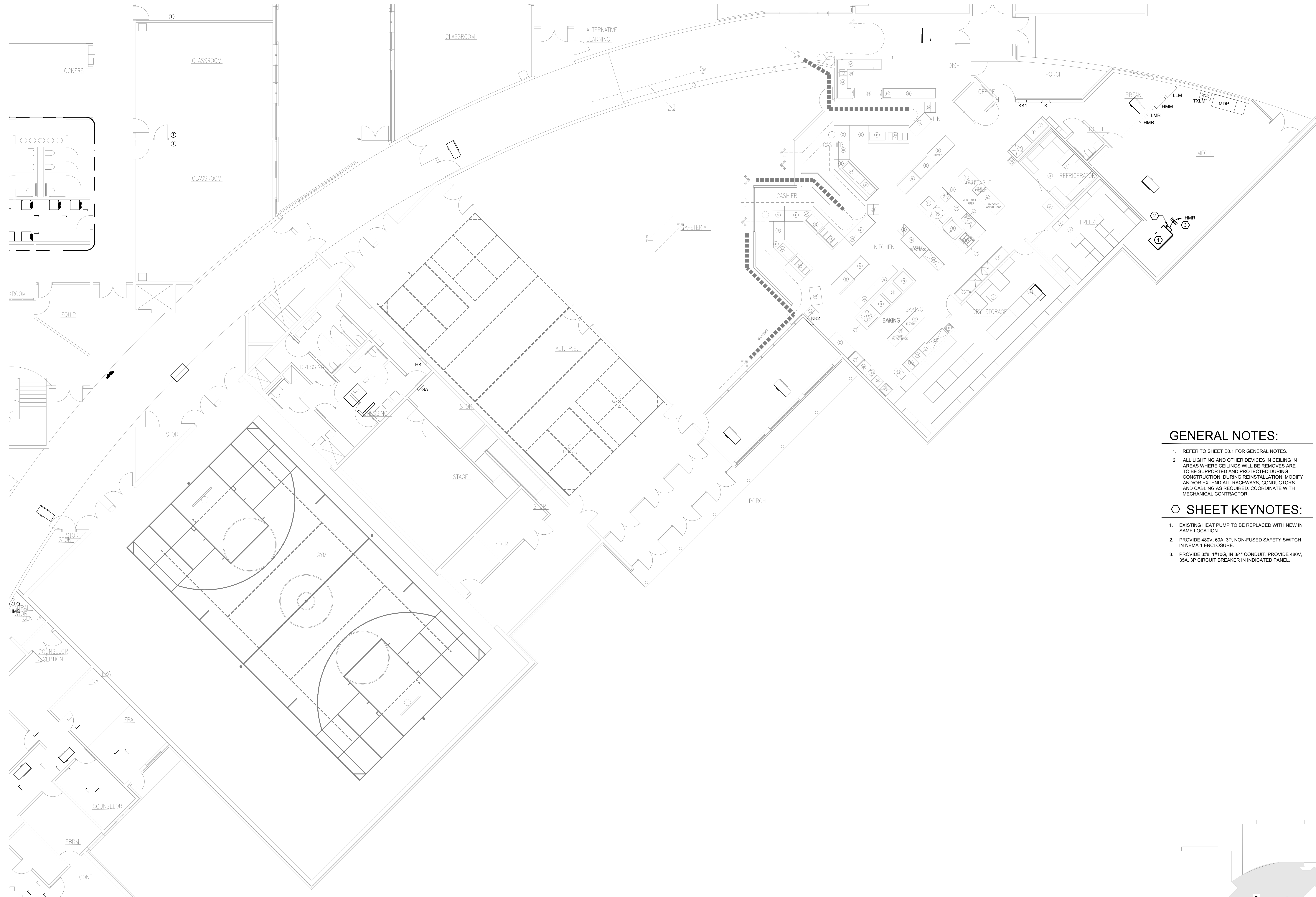
KEY PLAN

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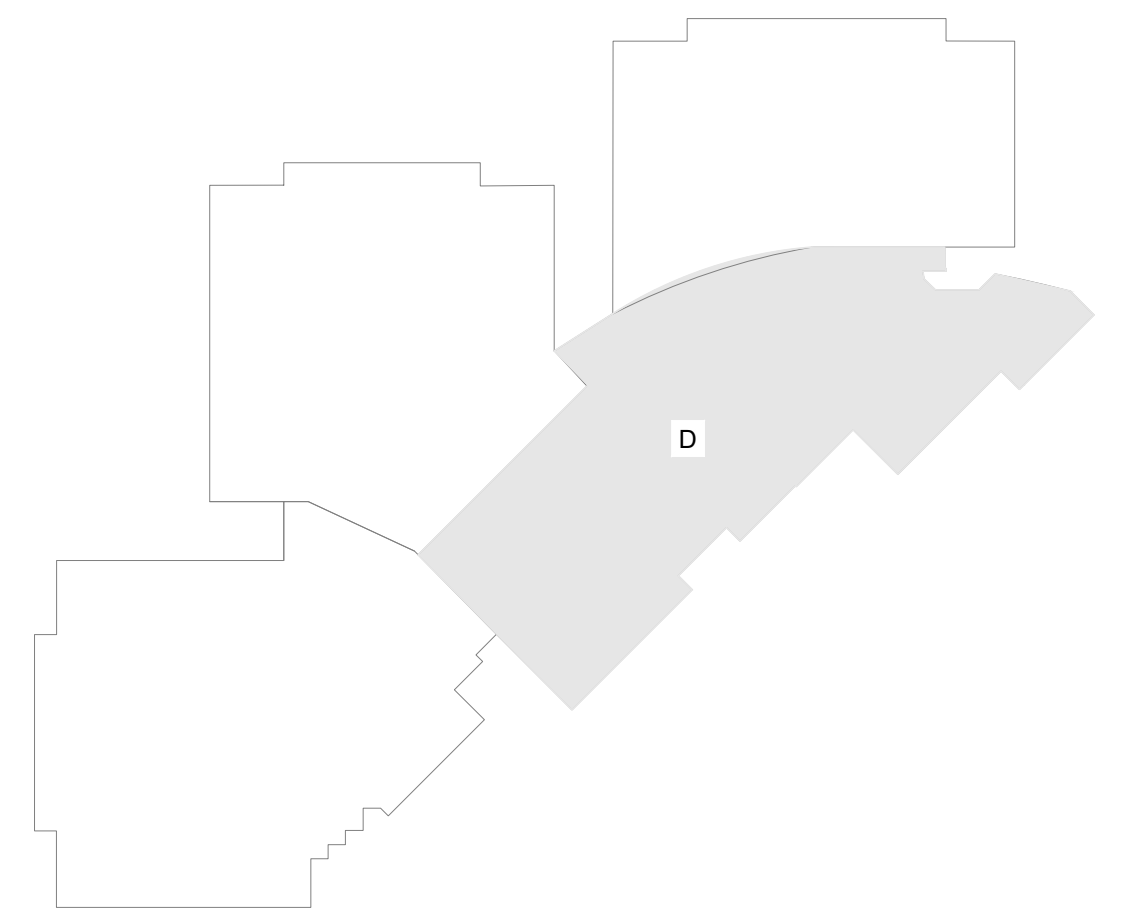
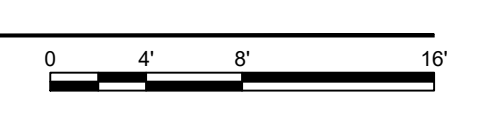
GENERAL NOTES:

1. REFER TO SHEET E0.1 FOR GENERAL NOTES.
2. ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

KEYNOTES:

1. EXISTING HEAT PUMP TO BE REPLACED WITH NEW IN SAME LOCATION.
2. PROVIDE 480V, 60A, 3P, NON-FUSED SAFETY SWITCH IN NEMA 1 ENCLOSURE.
3. PROVIDE 3#8, 1#10G, IN 3/4" CONDUIT. PROVIDE 480V, 35A, 3P CIRCUIT BREAKER IN INDICATED PANEL.

1 PARTIAL FIRST FLOOR PLAN - D - ELECTRICAL
SCALE: 1/8"=1'-0"



KEY PLAN

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E1.5

GENERAL NOTES:

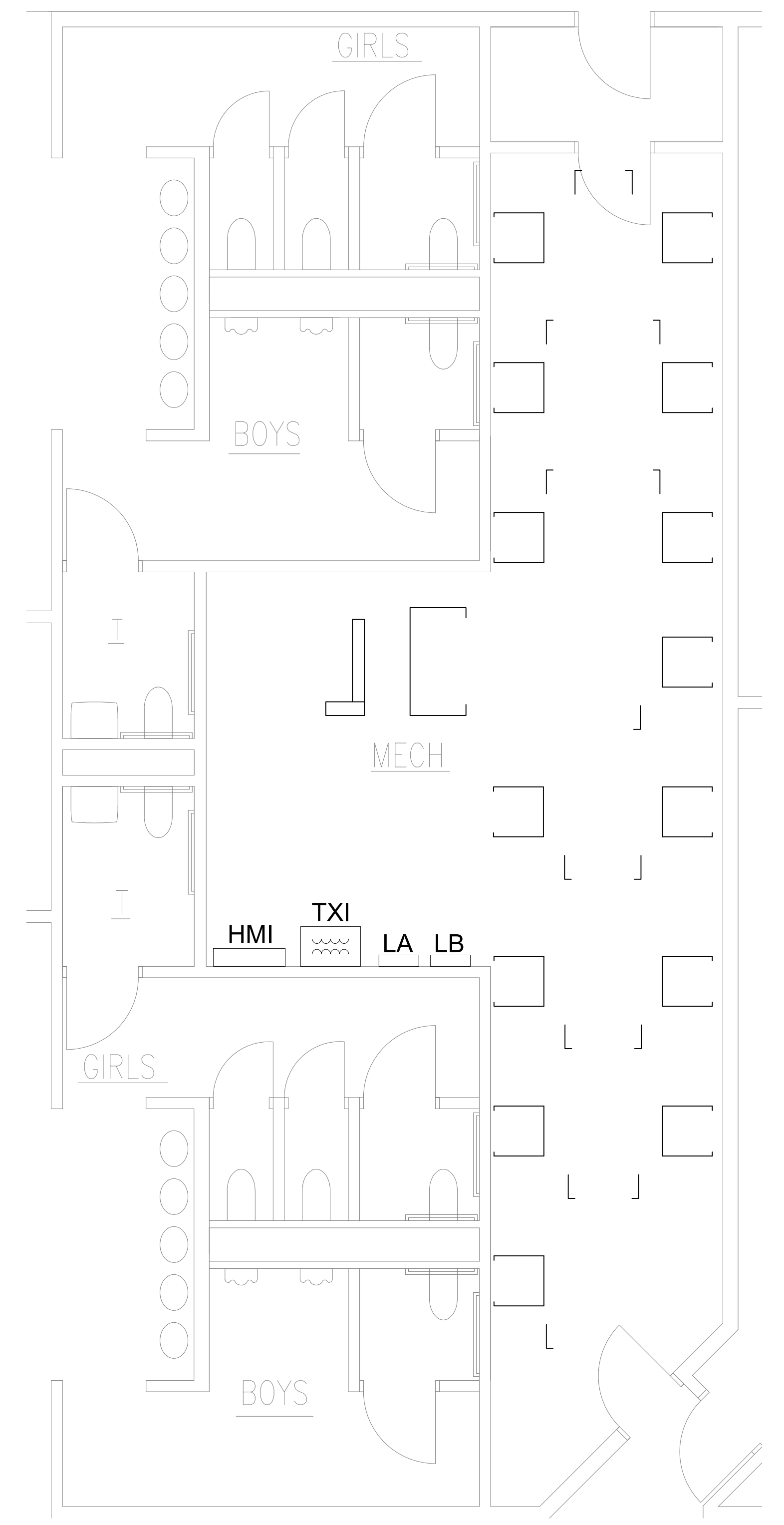
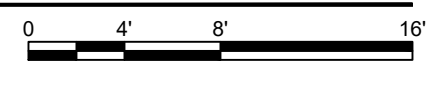
- REFER TO SHEET E0.1 FOR GENERAL NOTES.
- ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

○ SHEET KEYNOTES:

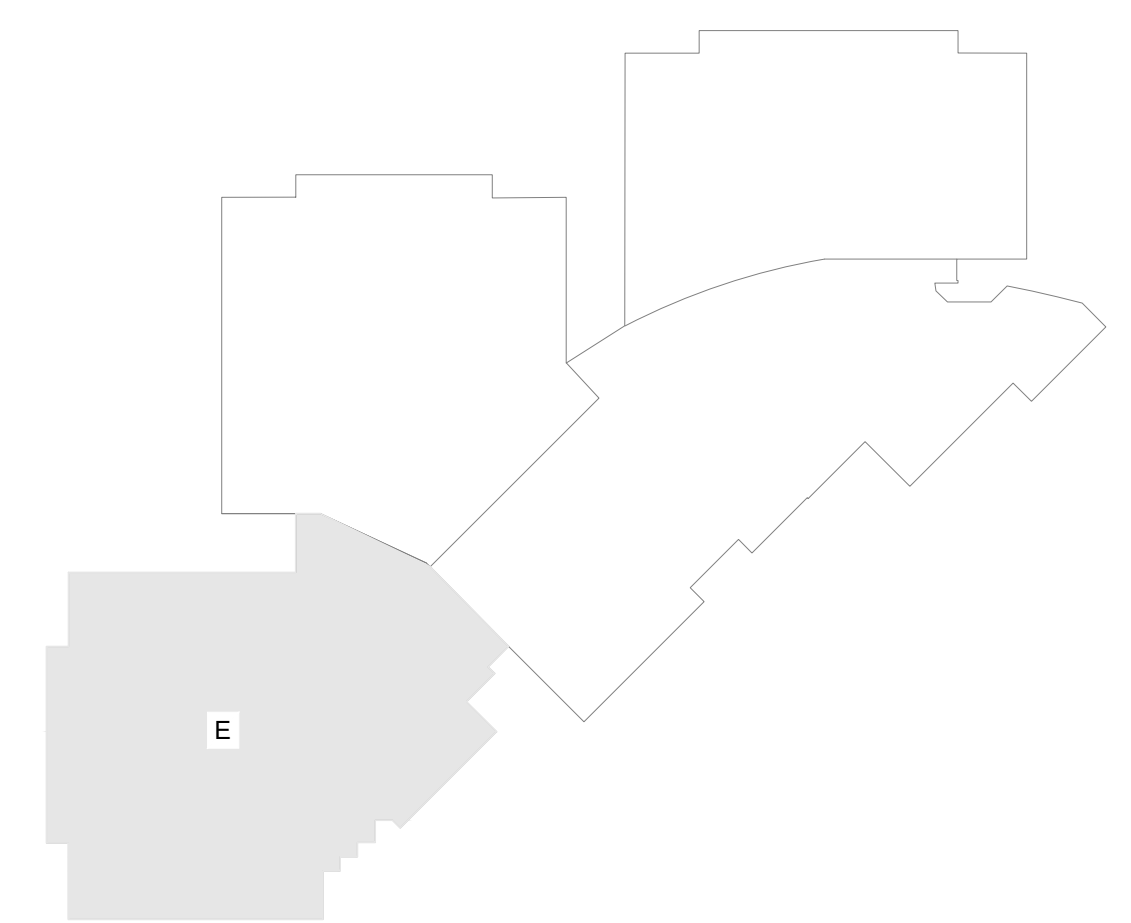
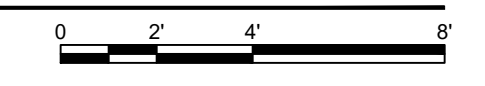
- XXX



1 PARTIAL SECOND FLOOR PLAN - E - ELECTRICAL
SCALE: 1/8"=1'-0"



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



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E1.6

GENERAL NOTES:

- REFER TO SHEET E0.1 FOR GENERAL NOTES.
- ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

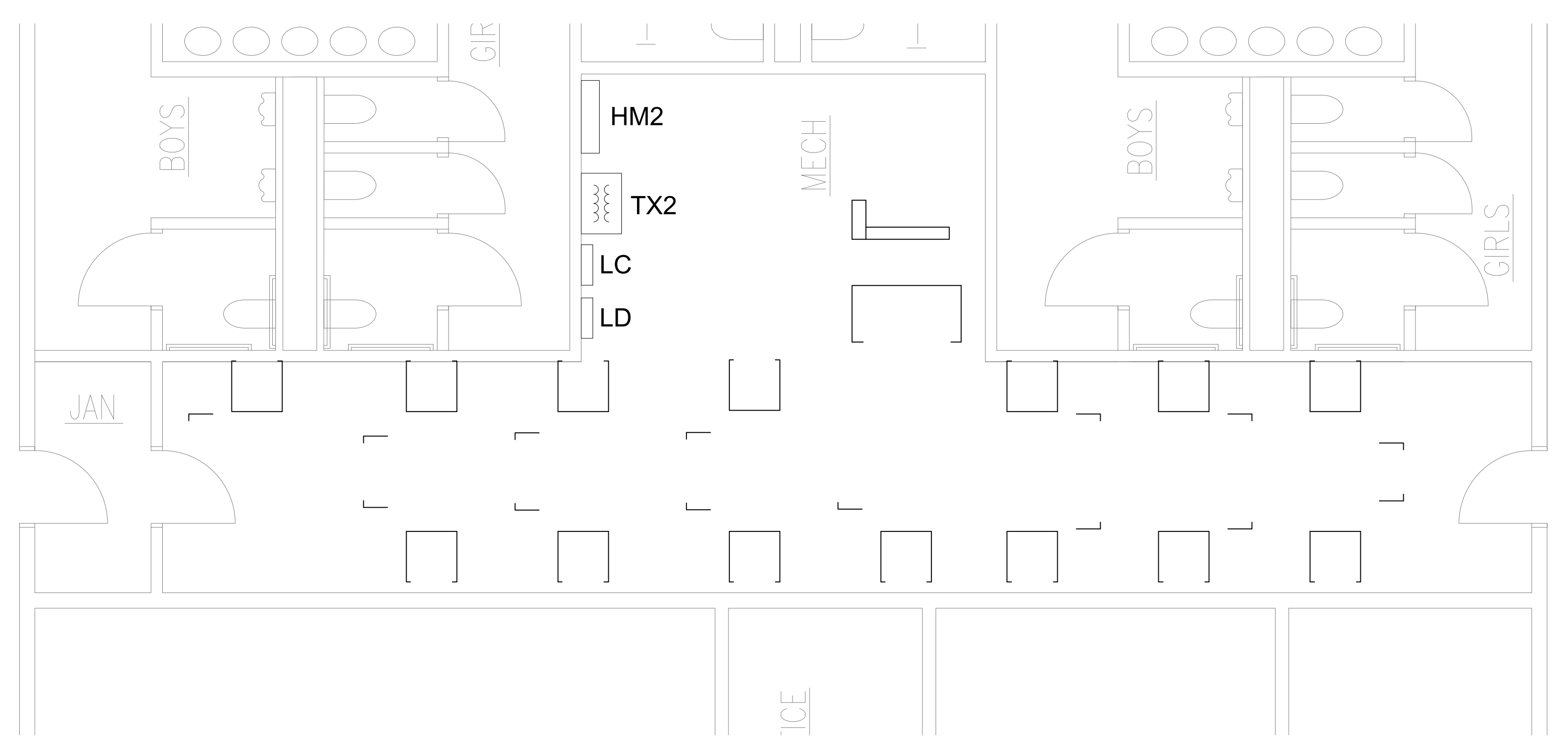
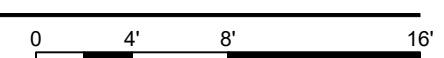
○ SHEET KEYNOTES:

- EXISTING HEAT PUMP TO BE REPLACED WITH NEW IN SAME LOCATION.
- PROVIDE 480V, 60A, 3P, NON-FUSED SAFETY SWITCH IN NEMA 1 ENCLOSURE.
- PROVIDE 480V, 45A, 3P CIRCUIT BREAKER IN INDICATED PANEL. PROVIDE 3/8", 1"ØG, IN 3/4" CONDUIT.



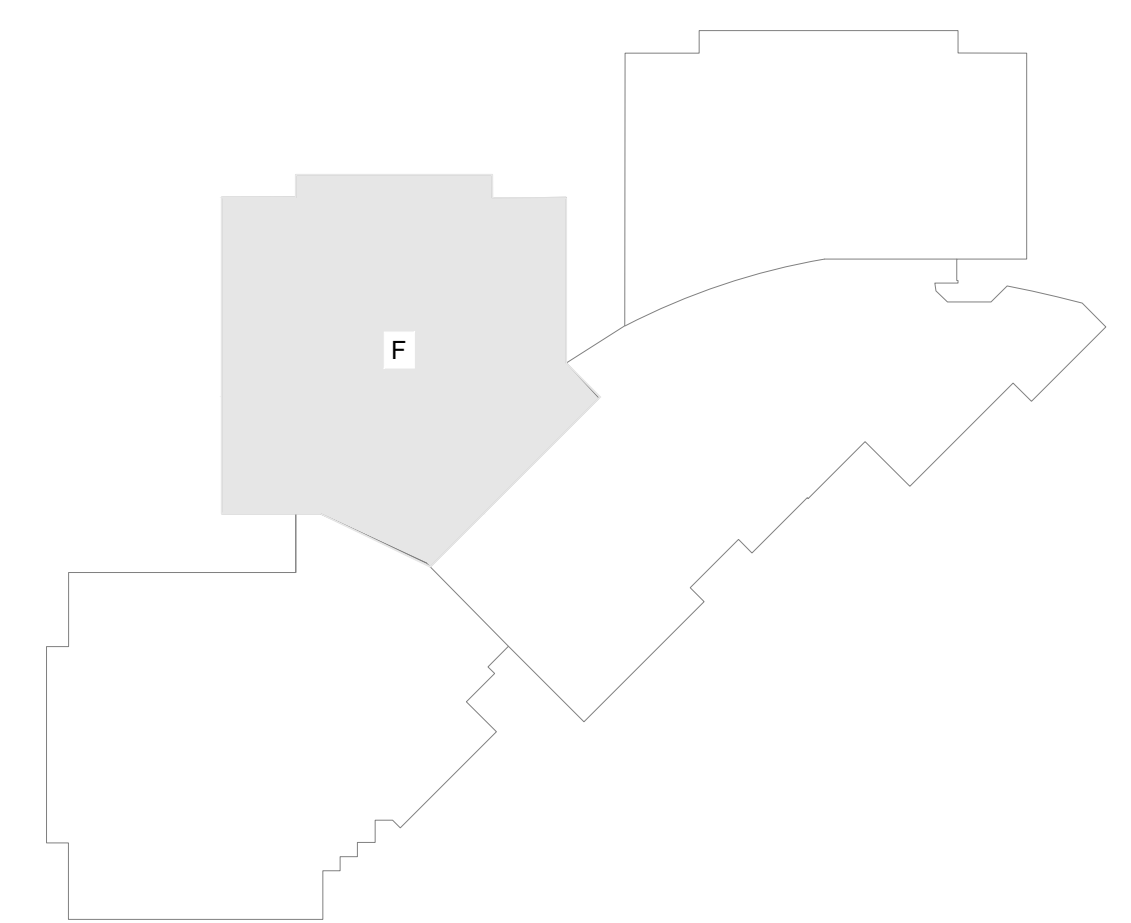
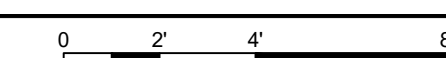
1 PARTIAL SECOND FLOOR PLAN - F - ELECTRICAL

SCALE: 1/8"=1'-0"

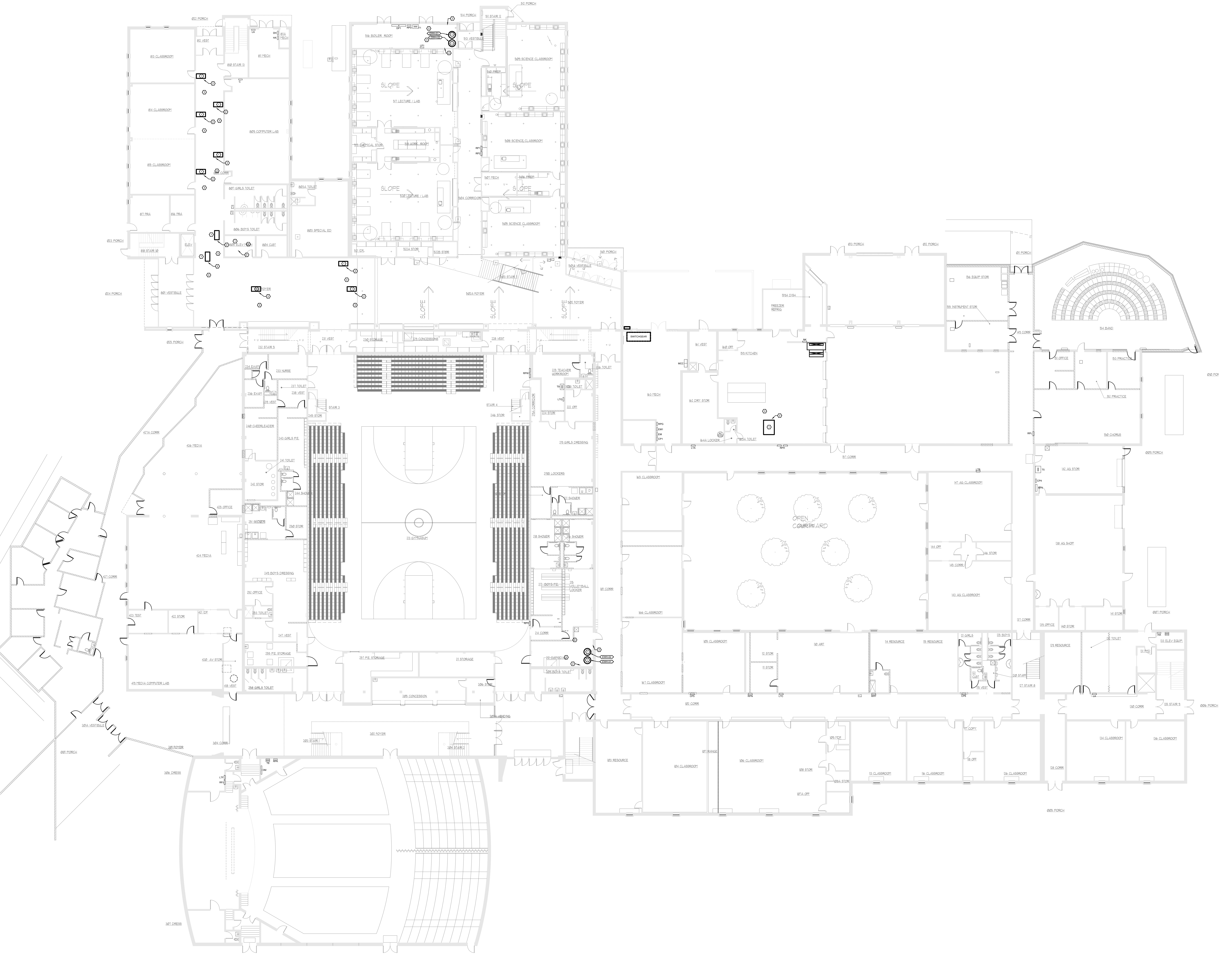


2 ENLARGED MECHANICAL ROOM PLAN - F - ELECTRICAL

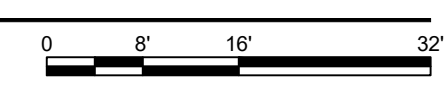
SCALE: 1/4"=1'-0"



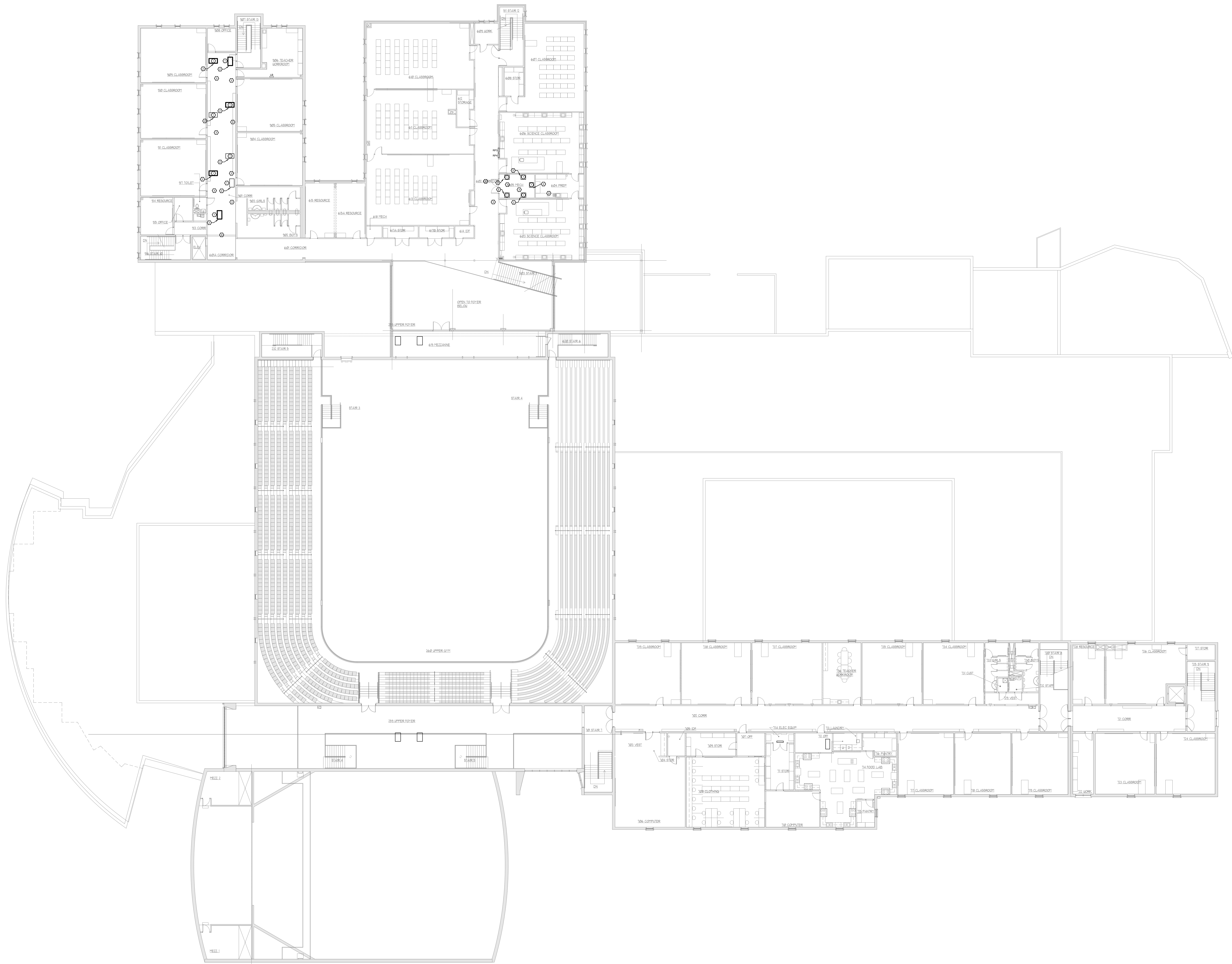
KEY PLAN



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

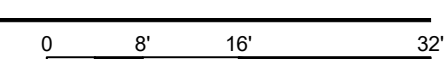


DESIGN DEVELOPMENT



1 OVERALL SECOND FLOOR PLAN - ELECTRICAL

SCALE: 1/16"=1'-0"



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GENERAL NOTES:

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○ SHEET KEYNOTES:

- MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION.
- PROVIDE SAFETY SWITCH.
- PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.



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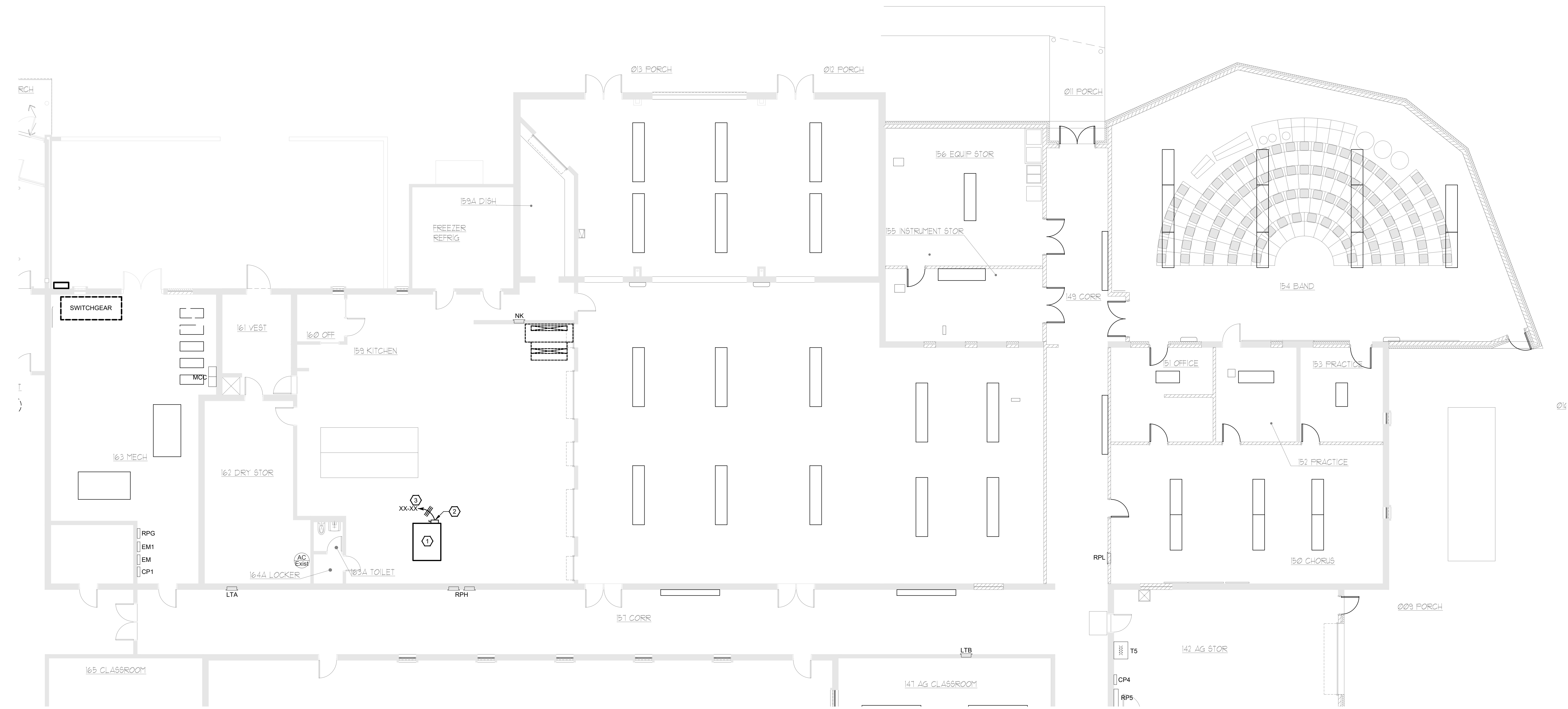
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GENERAL NOTES:

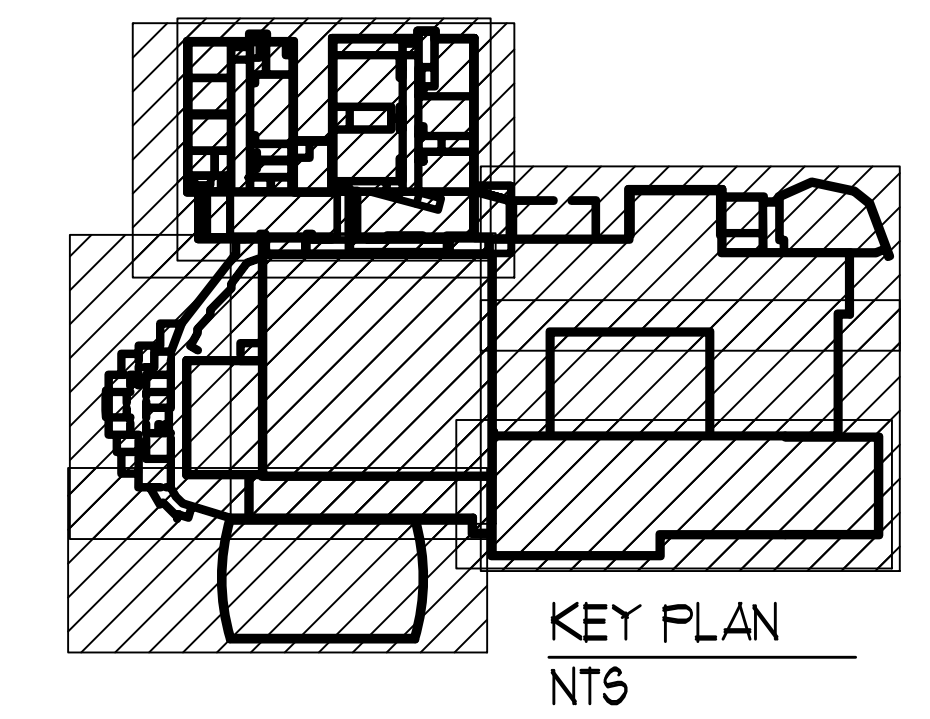
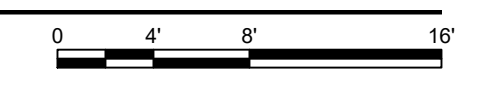
1. REFER TO SHEET E0.1 FOR GENERAL NOTES.
2. ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

○ SHEET KEYNOTES:

1. MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION.
2. PROVIDE SAFETY SWITCH
3. PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.



1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"



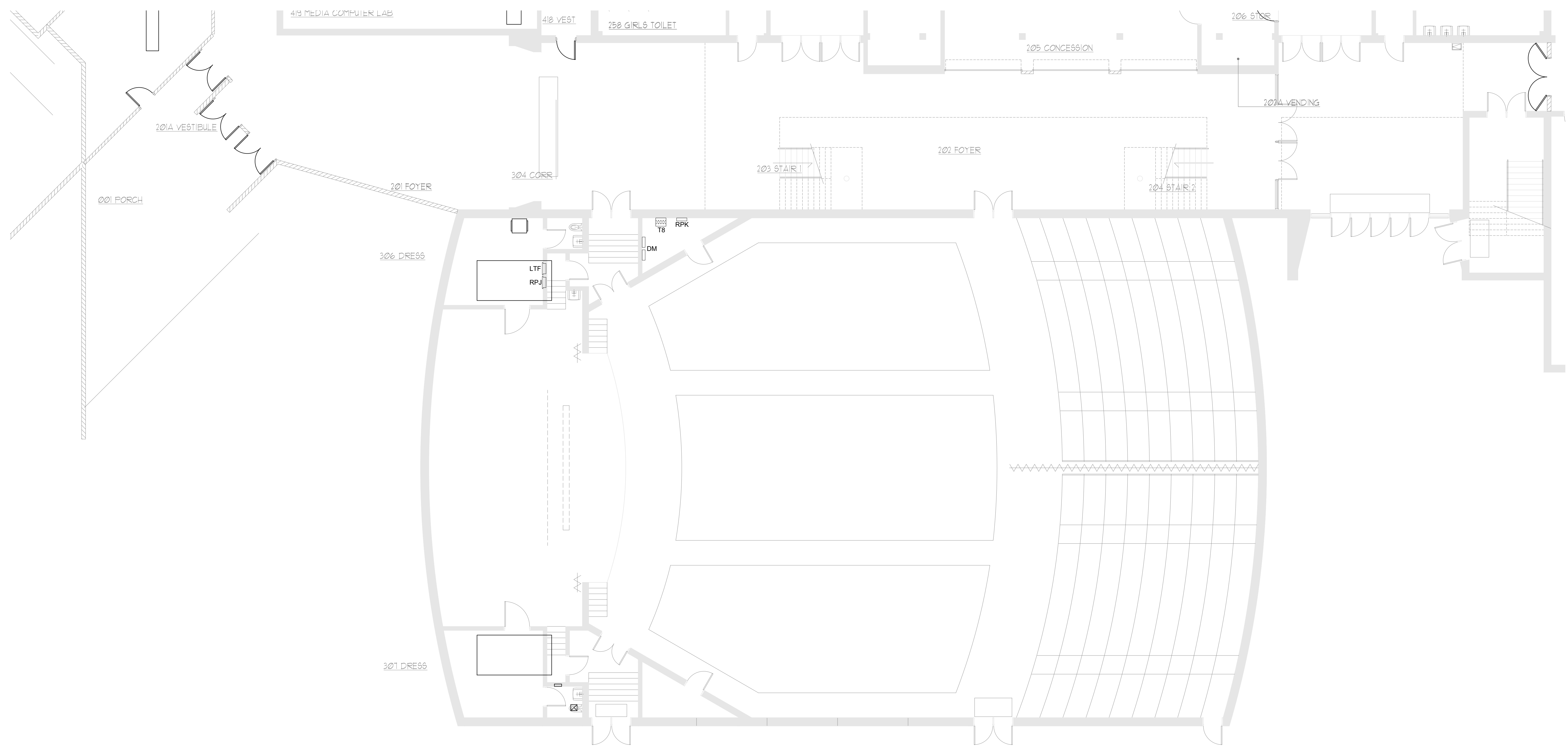
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E2.5



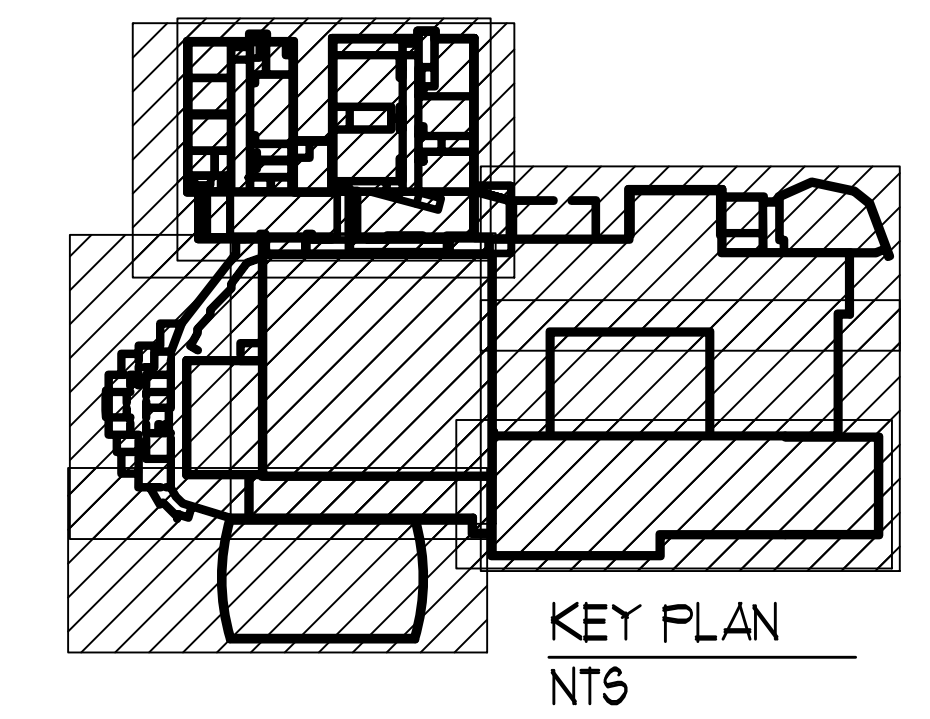
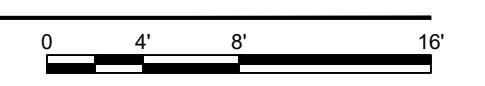
GENERAL NOTES:

1. REFER TO SHEET E0.1 FOR GENERAL NOTES
2. ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

○ SHEET KEYNOTES:

1. MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION
2. PROVIDE SAFETY SWITCH
3. PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.

1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"



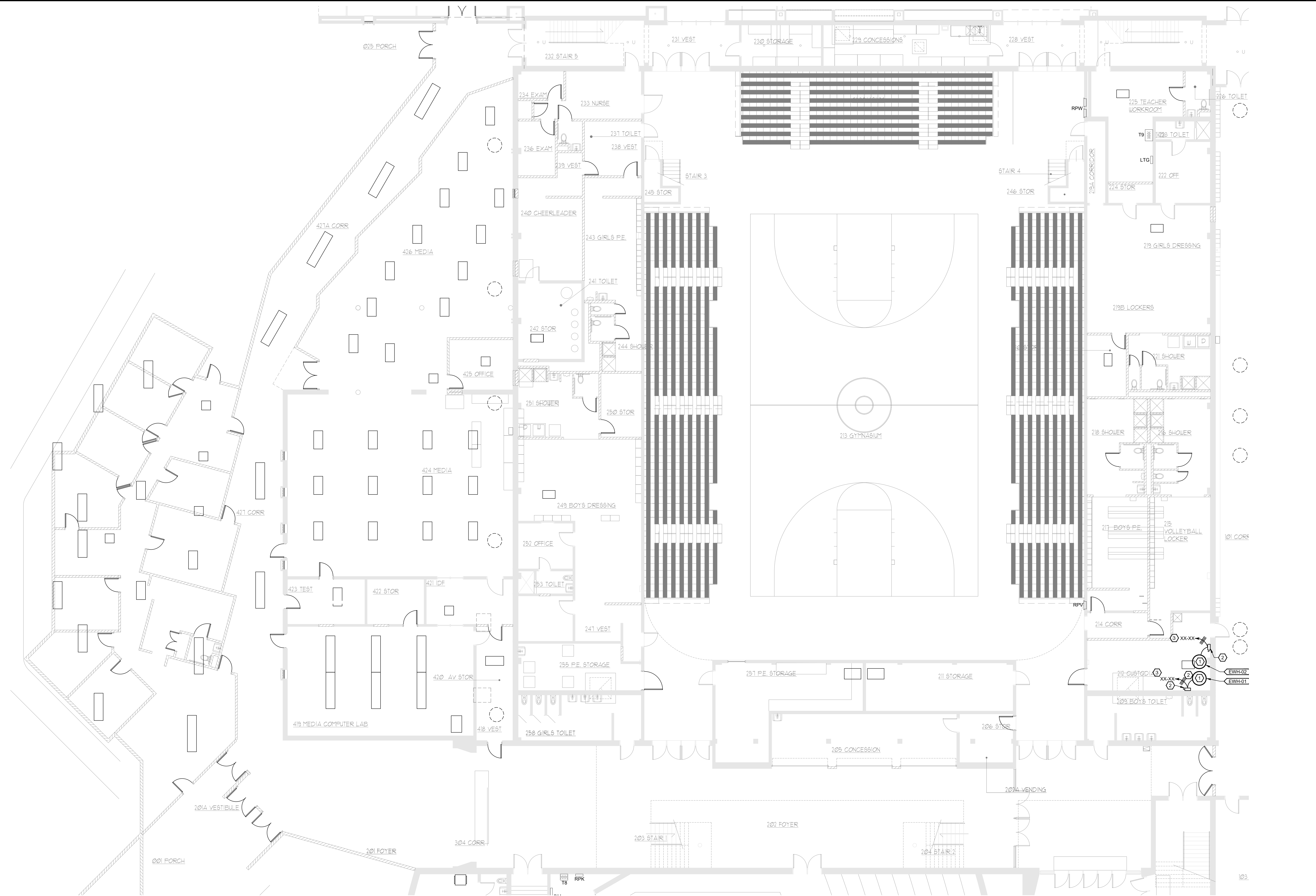
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E2.6



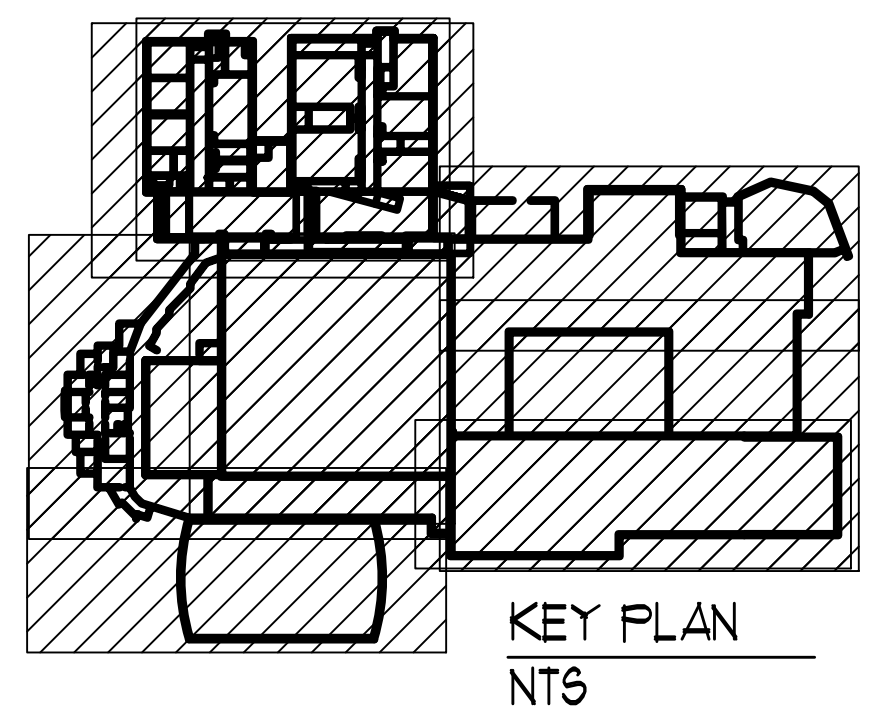
1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"

GENERAL NOTES:

- REFER TO SHEET E0.1 FOR GENERAL NOTES.
- ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLES AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

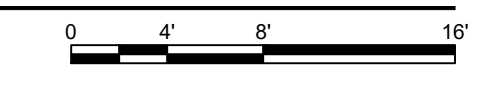
SHEET KEYNOTES:

- MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION.
- PROVIDE SAFETY SWITCH
- PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.

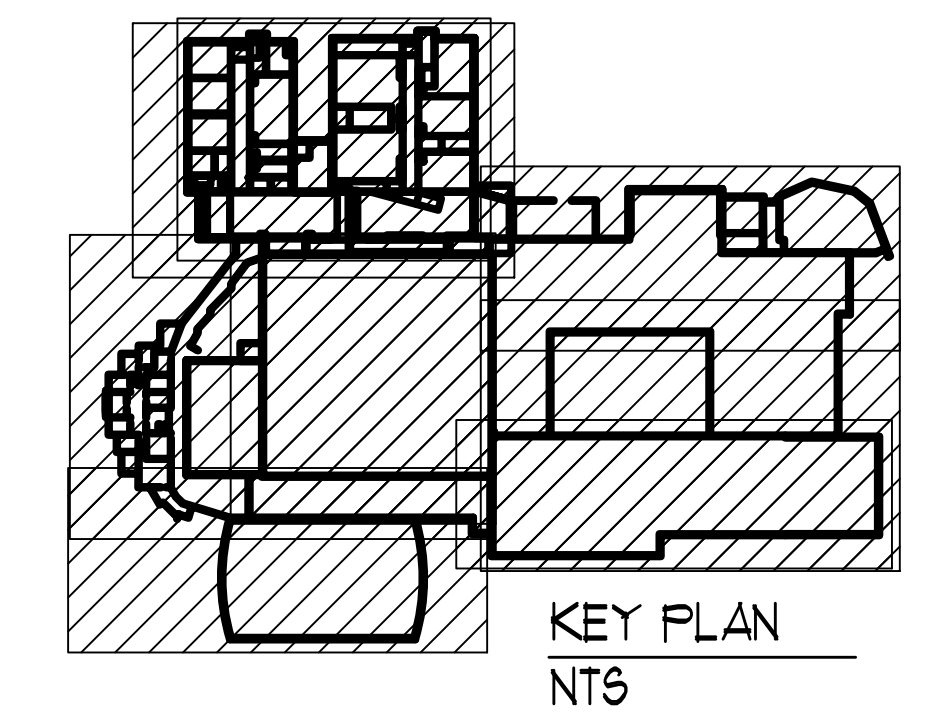




1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"



- GENERAL NOTES:**
- REFER TO SHEET E0.1 FOR GENERAL NOTES.
 - ALL LIGHTING AND OTHER DEVICES IN CEILING AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.
- SHEET KEYNOTES:**
- MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION.
 - PROVIDE SAFETY SWITCH
 - PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.



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GENERAL NOTES:

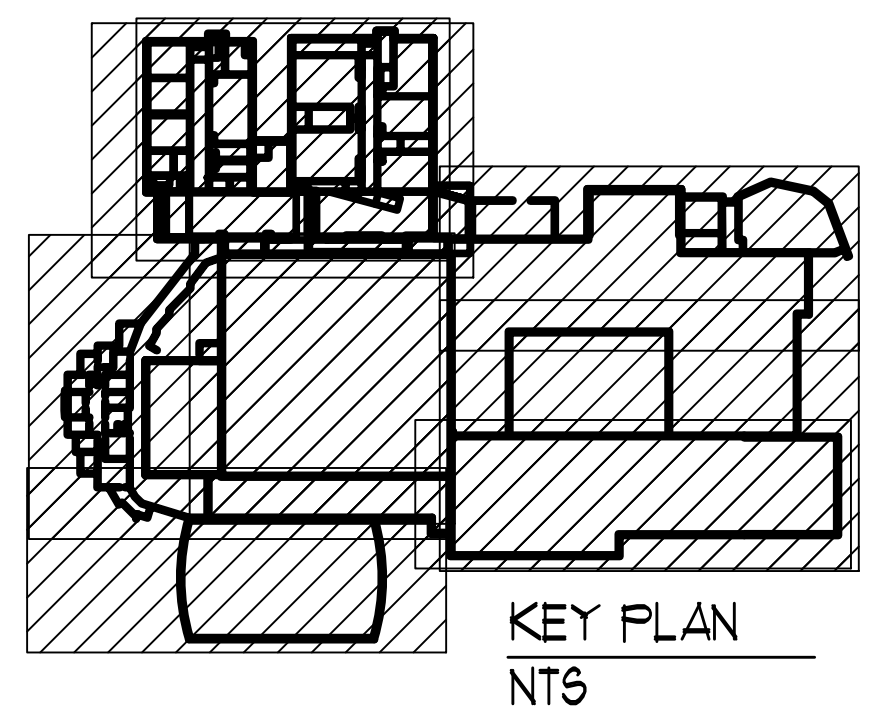
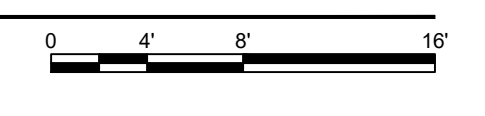
1. REFER TO SHEET E0.1 FOR GENERAL NOTES.
2. ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

○ SHEET KEYNOTES:

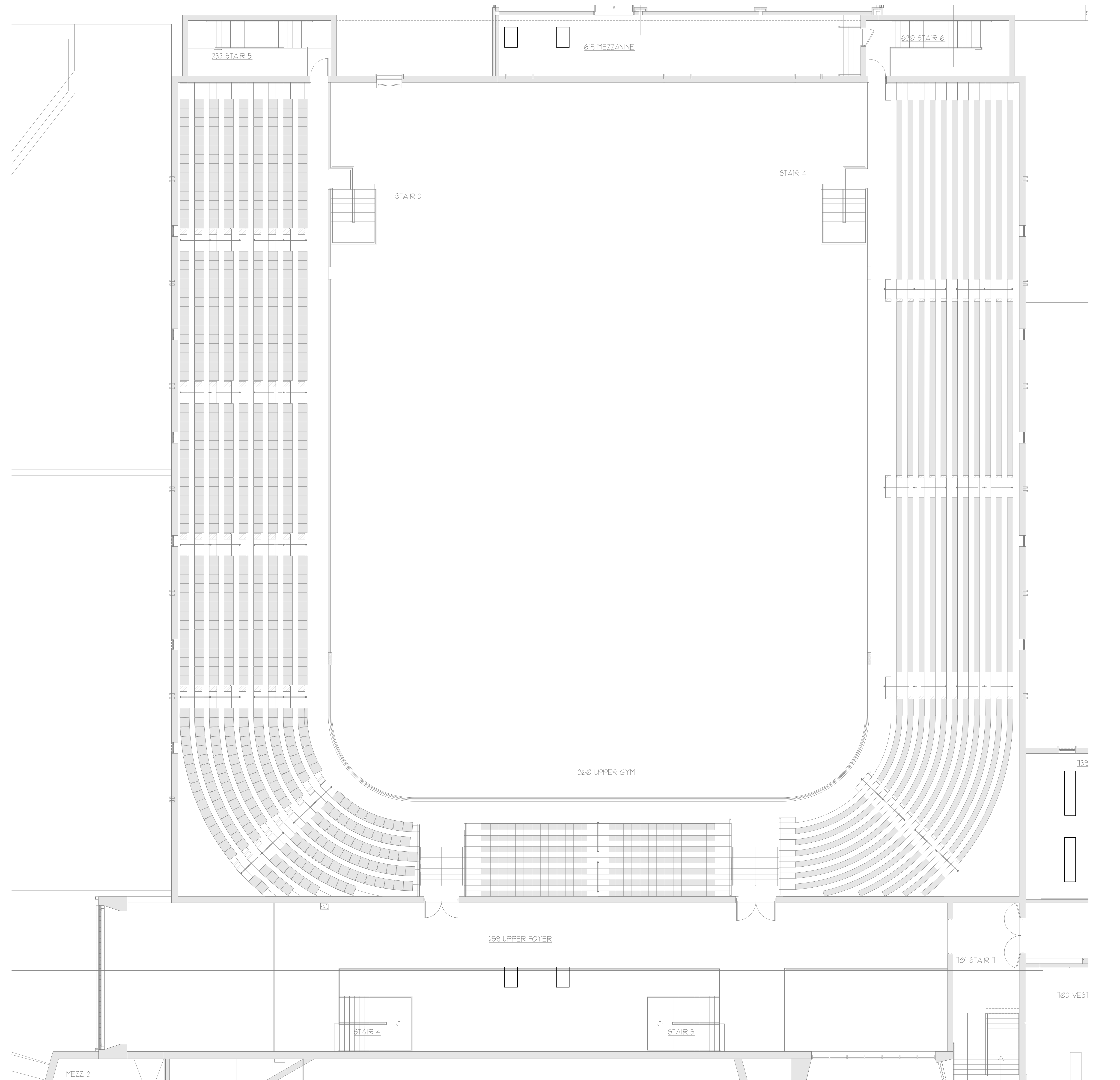
1. MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION.
2. PROVIDE SAFETY SWITCH.
3. PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.



1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"



DESIGN DEVELOPMENT



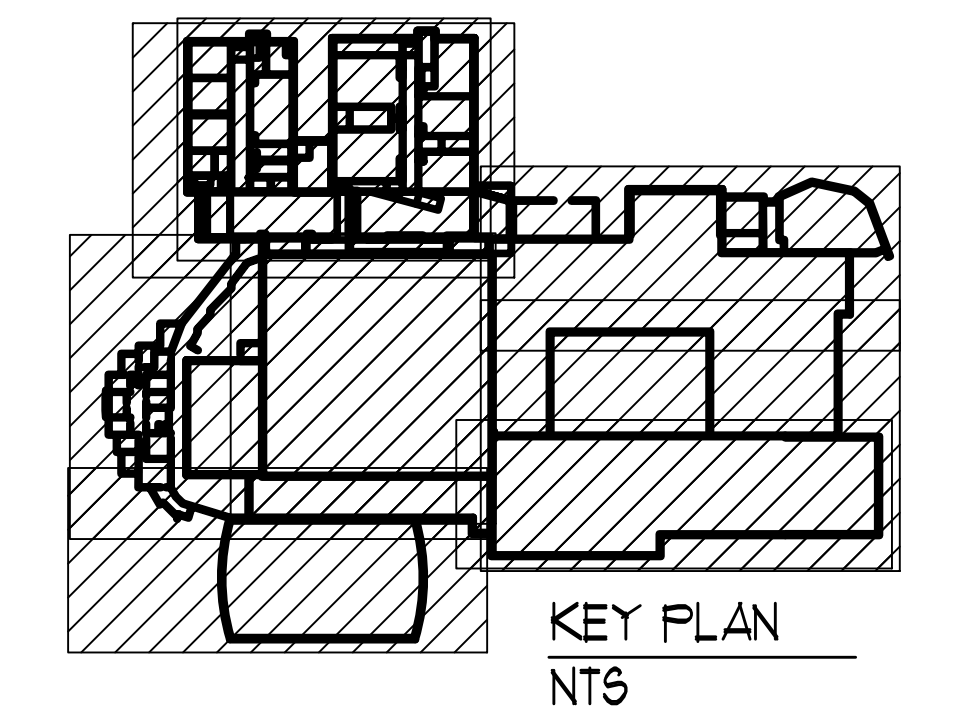
1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. REFER TO SHEET E0.1 FOR GENERAL NOTES.
2. ALL LIGHTING AND OTHER DEVICES IN CEILING ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

SHEET KEYNOTES:

1. MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION.
2. PROVIDE SAFETY SWITCH
3. PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.

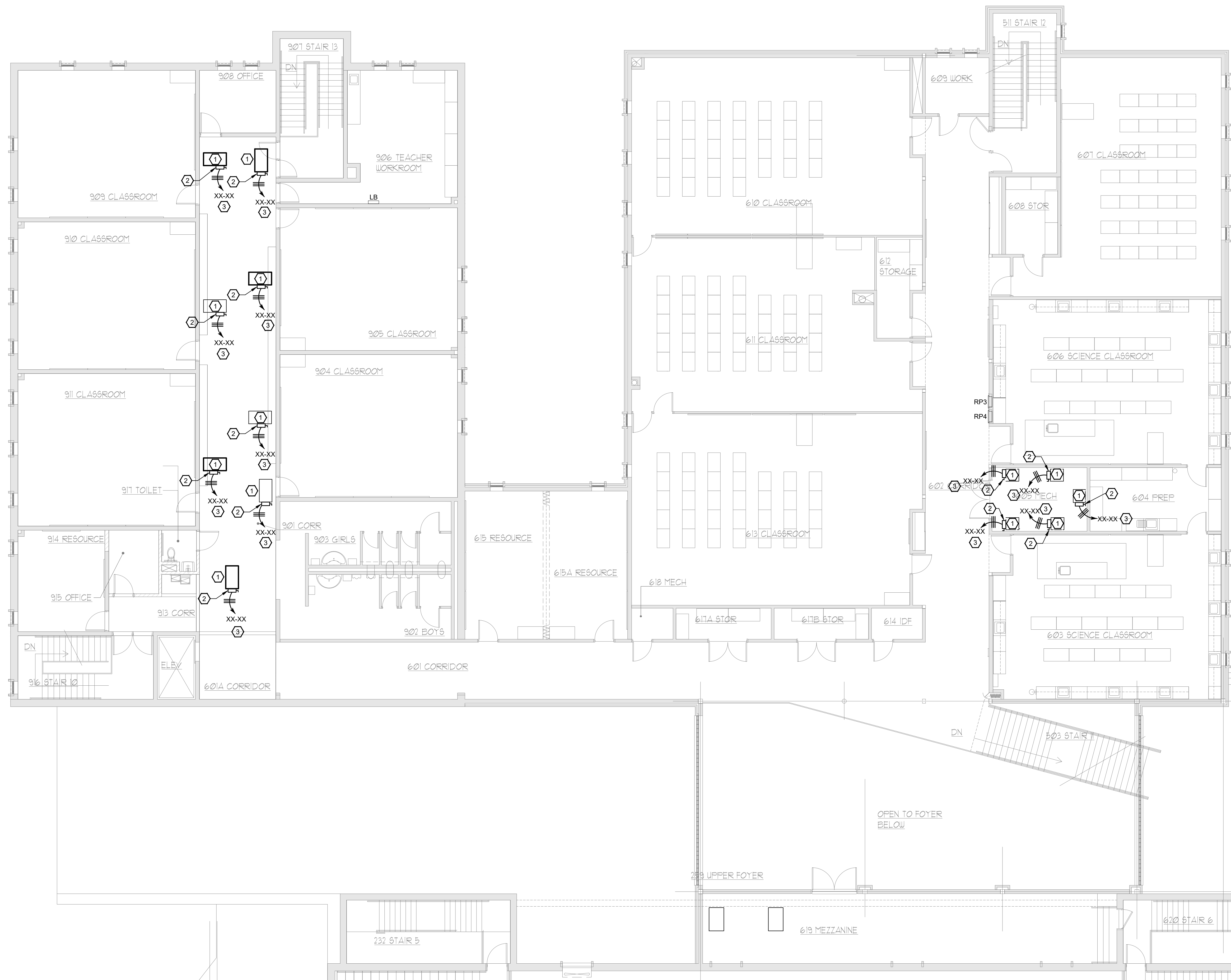


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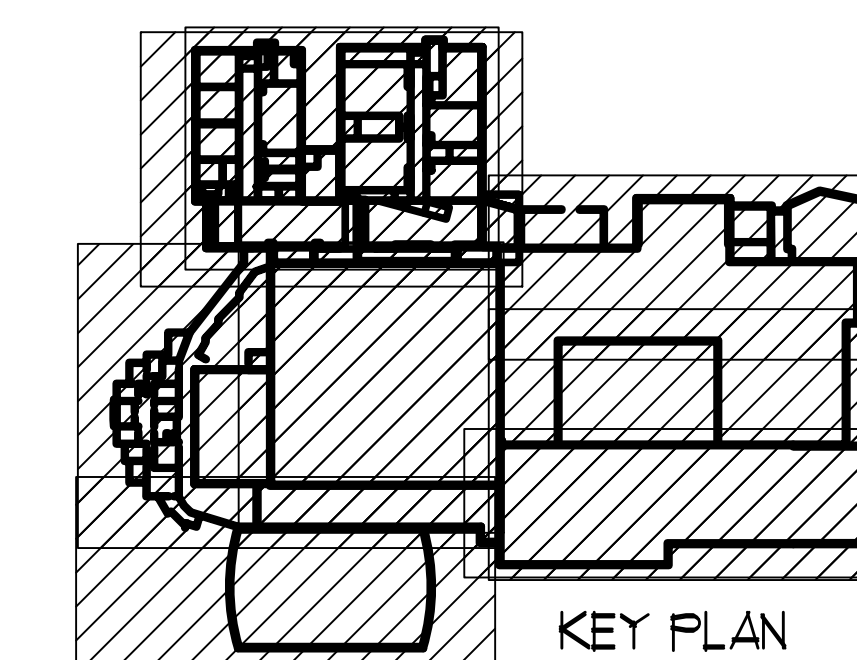
1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. REFER TO SHEET E01 FOR GENERAL NOTES.
2. ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

⊙ SHEET KEYNOTES:

1. MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION.
2. PROVIDE SAFETY SWITCH.
3. PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.



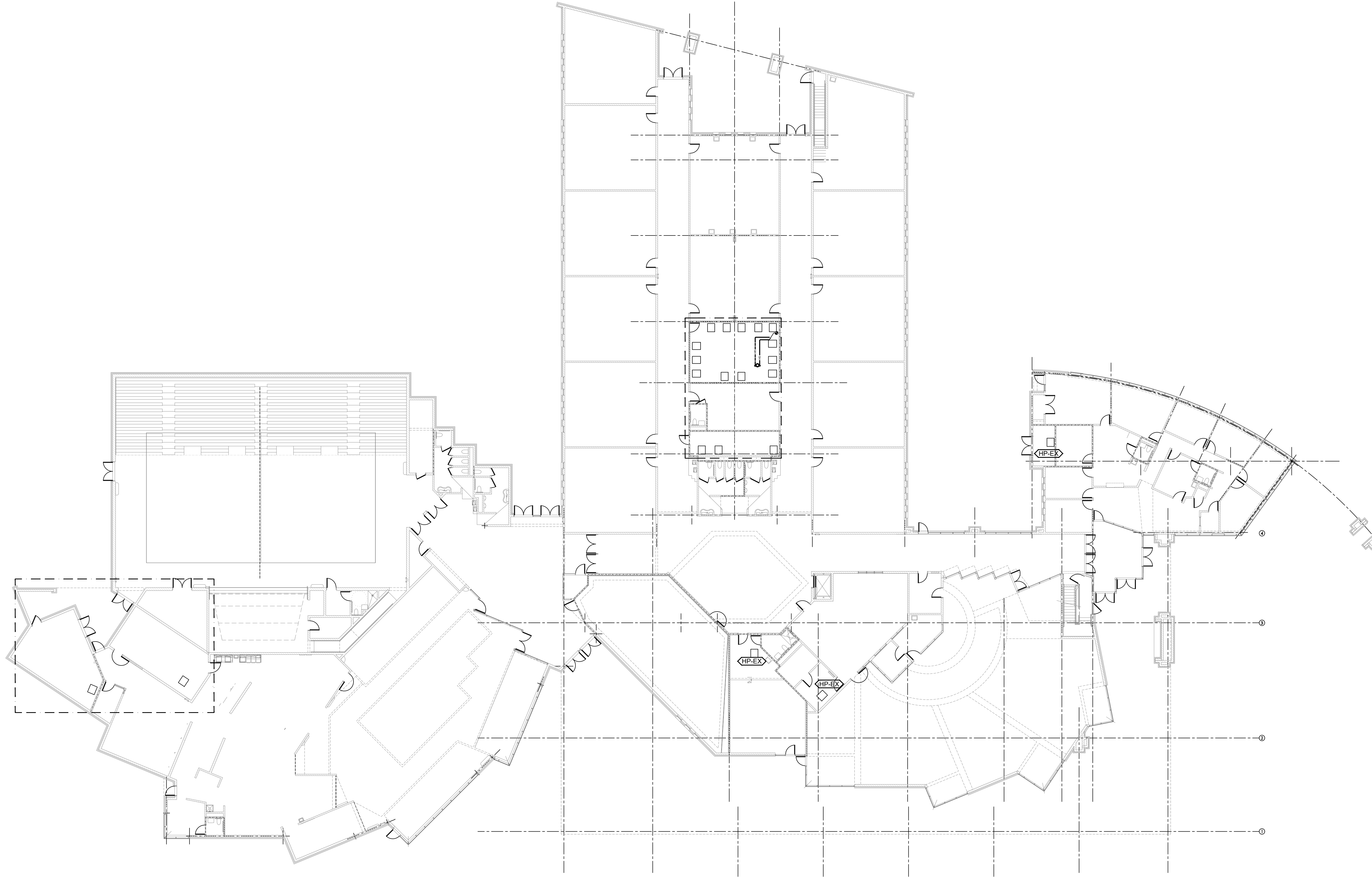
KEY PLAN
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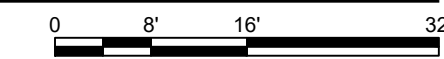
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1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/16"=1'-0"



GENERAL NOTES:

1. REFER TO SHEET E0.1 FOR GENERAL NOTES.

○ SHEET KEYNOTES:

1. XXX

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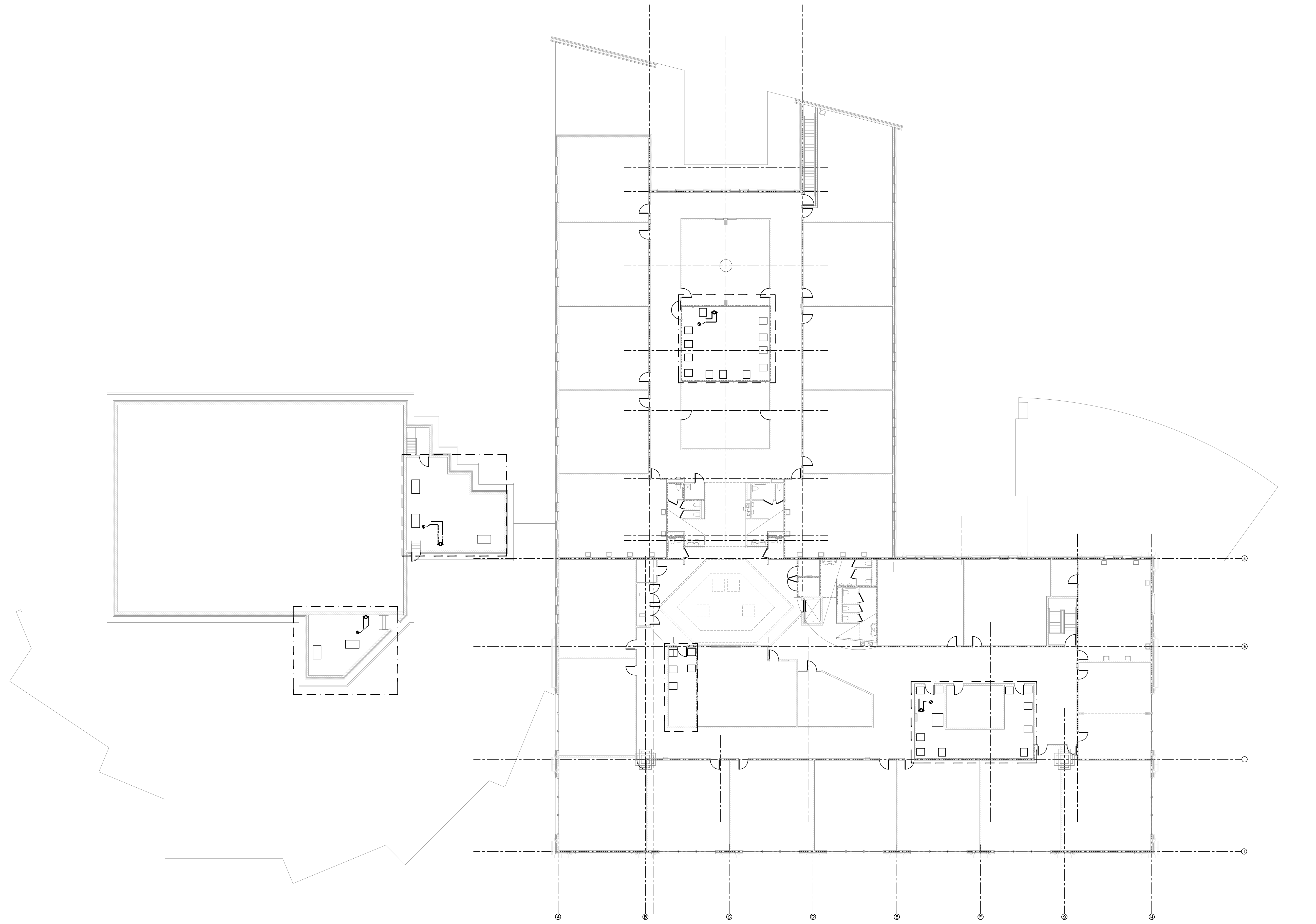
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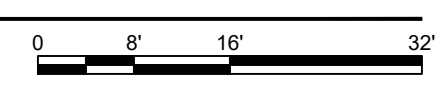
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DESIGN DEVELOPMENT



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



JOB NO.	###
DATE	JULY 14, 2022
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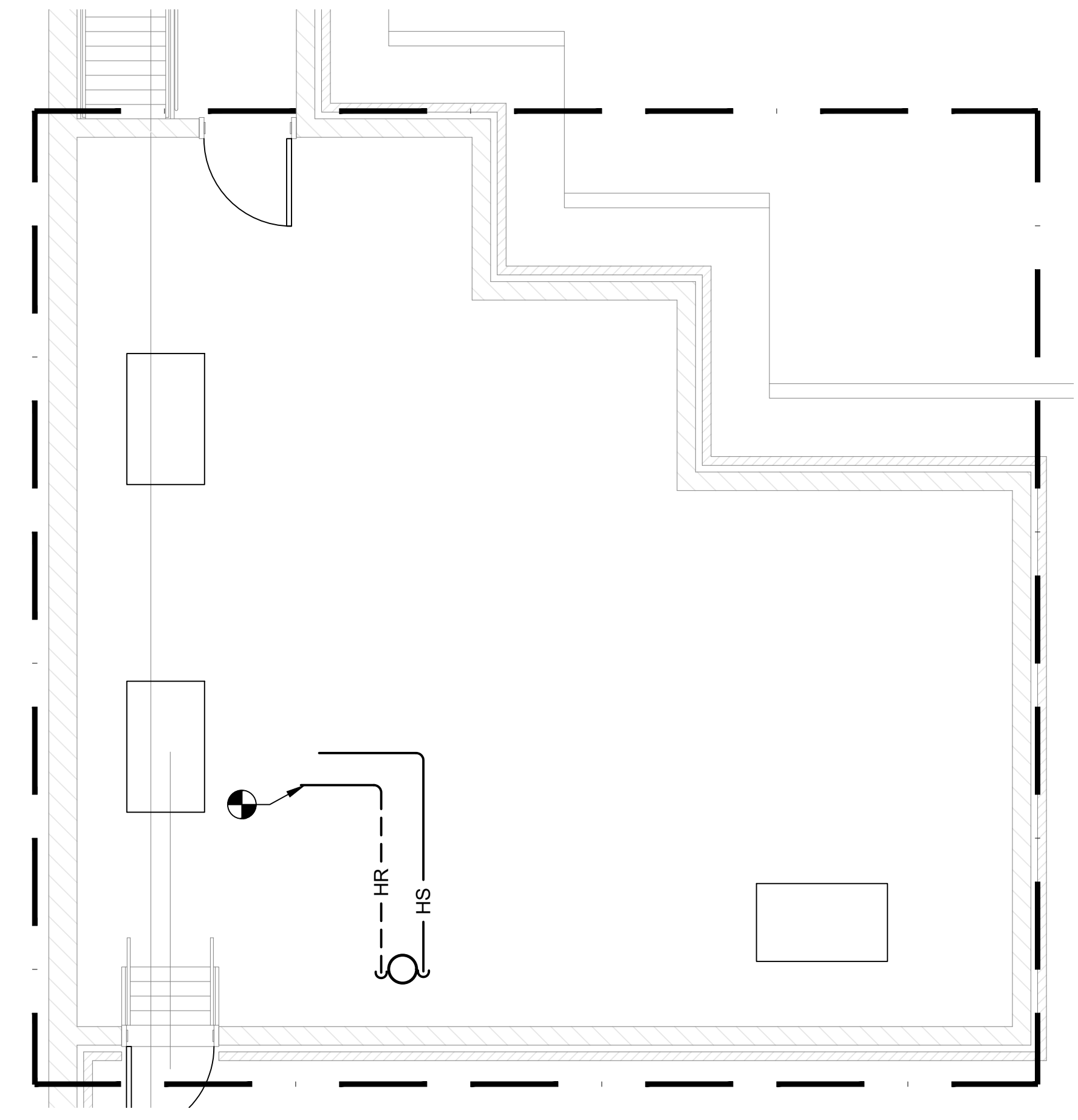
SHEET

GENERAL NOTES:

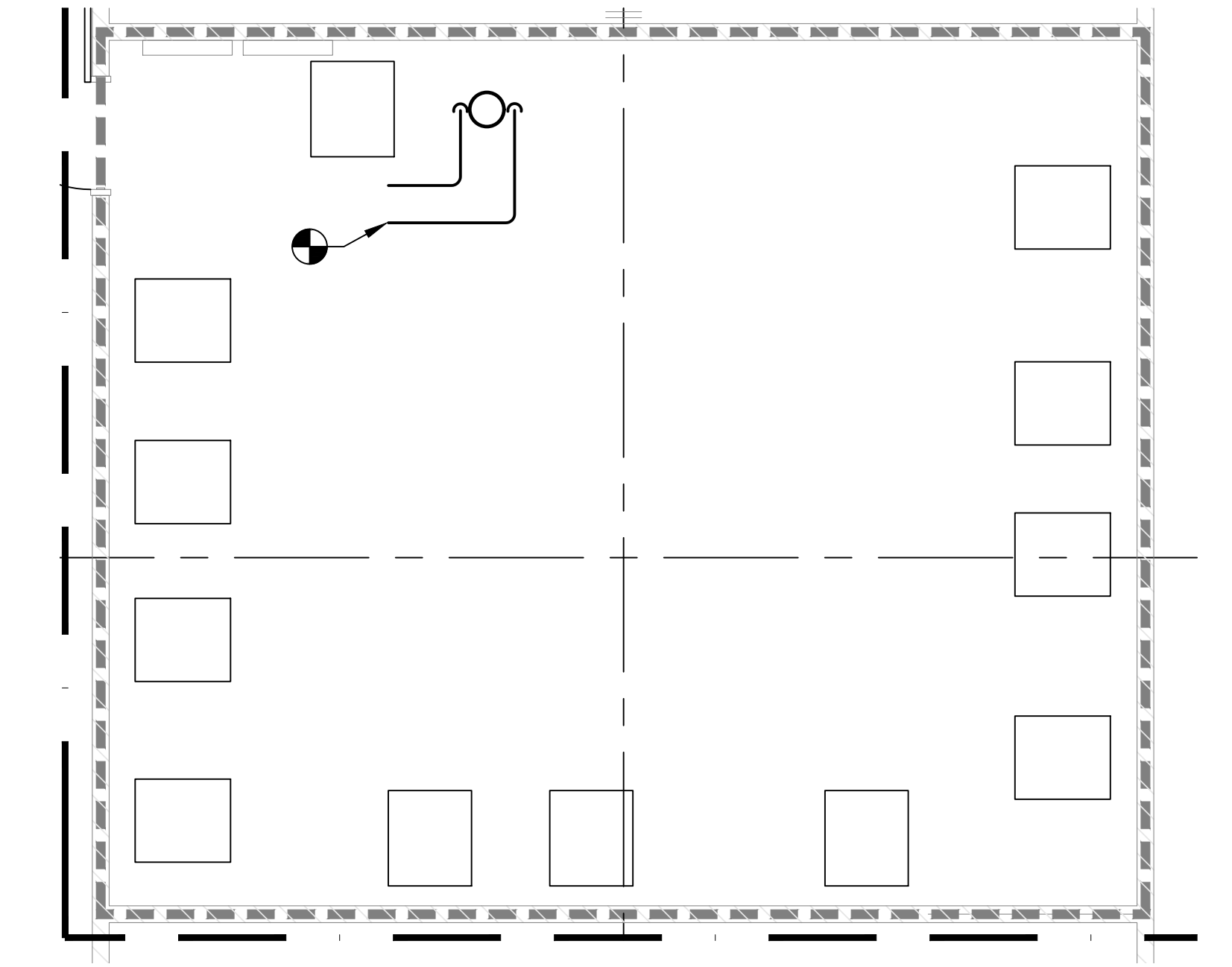
- REFER TO SHEET E0.1 FOR GENERAL NOTES.

○ SHEET KEYNOTES:

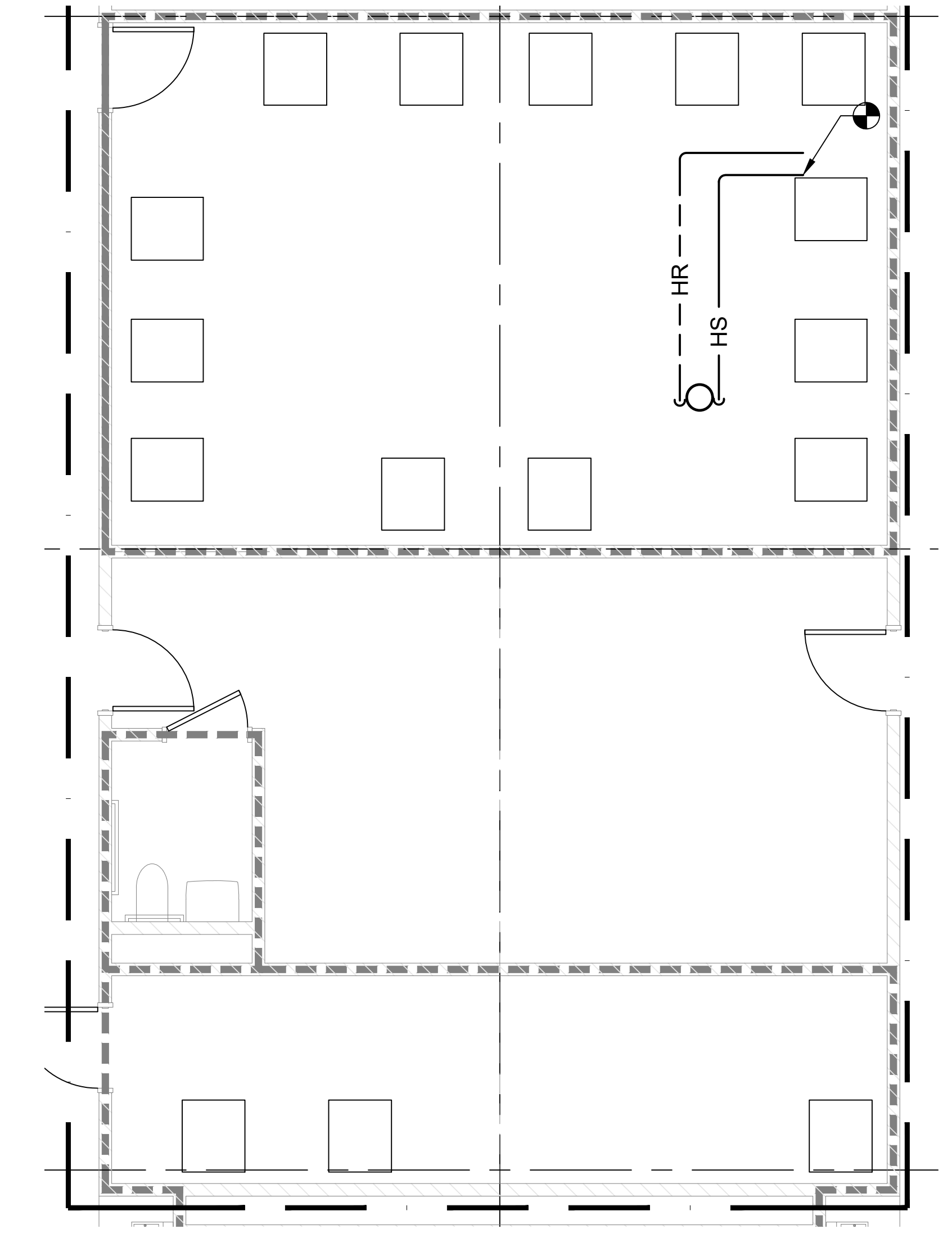
- PROVIDE NEEDLE POINT BIPOLAR IONIZATION SYSTEM AT UNIT. SYSTEM TO BE GPS OR APPROVED EQUAL.
- ADD BYPASS FOR COOLING TOWER.



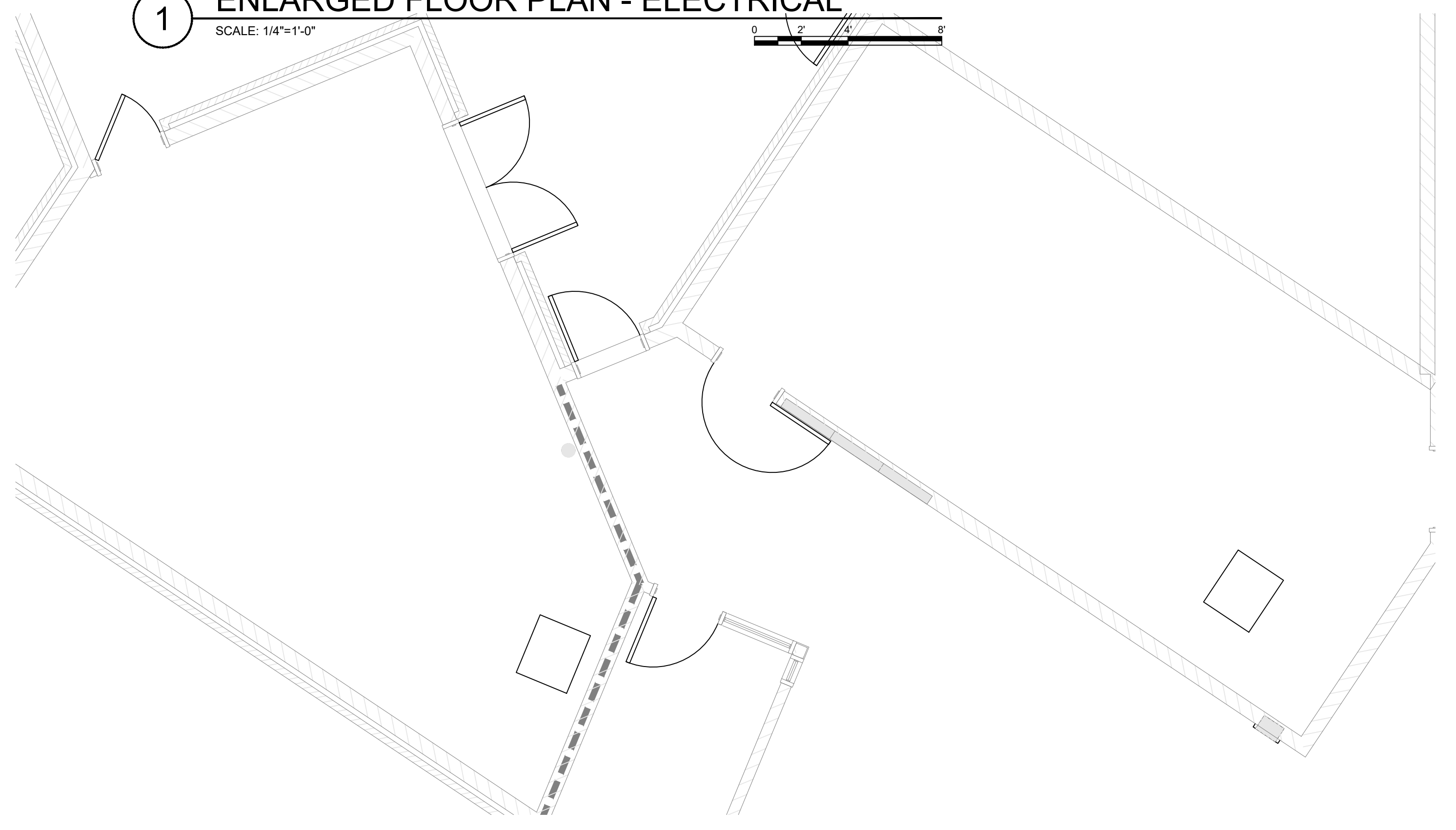
1 ENLARGED FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"



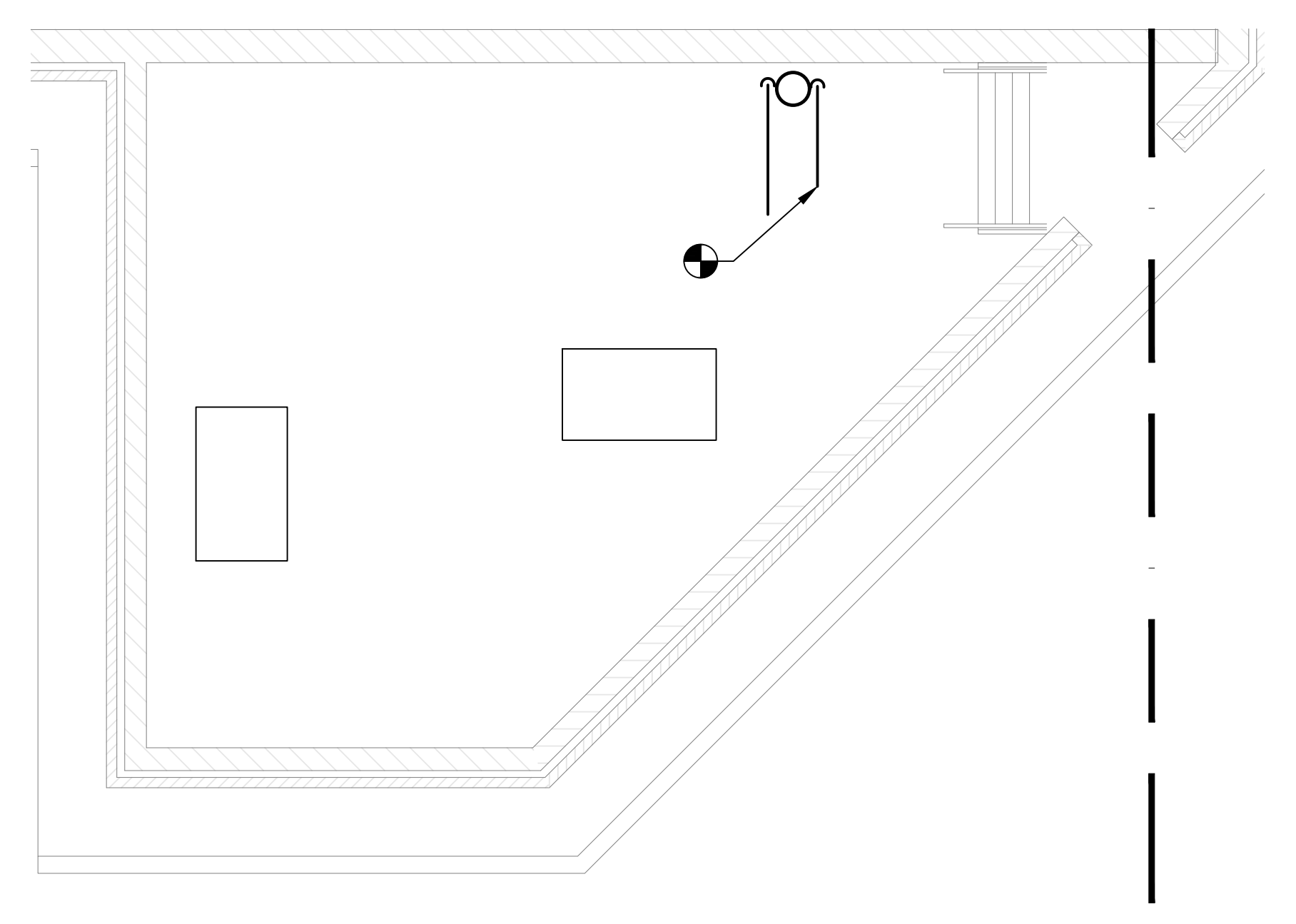
1 ENLARGED FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"



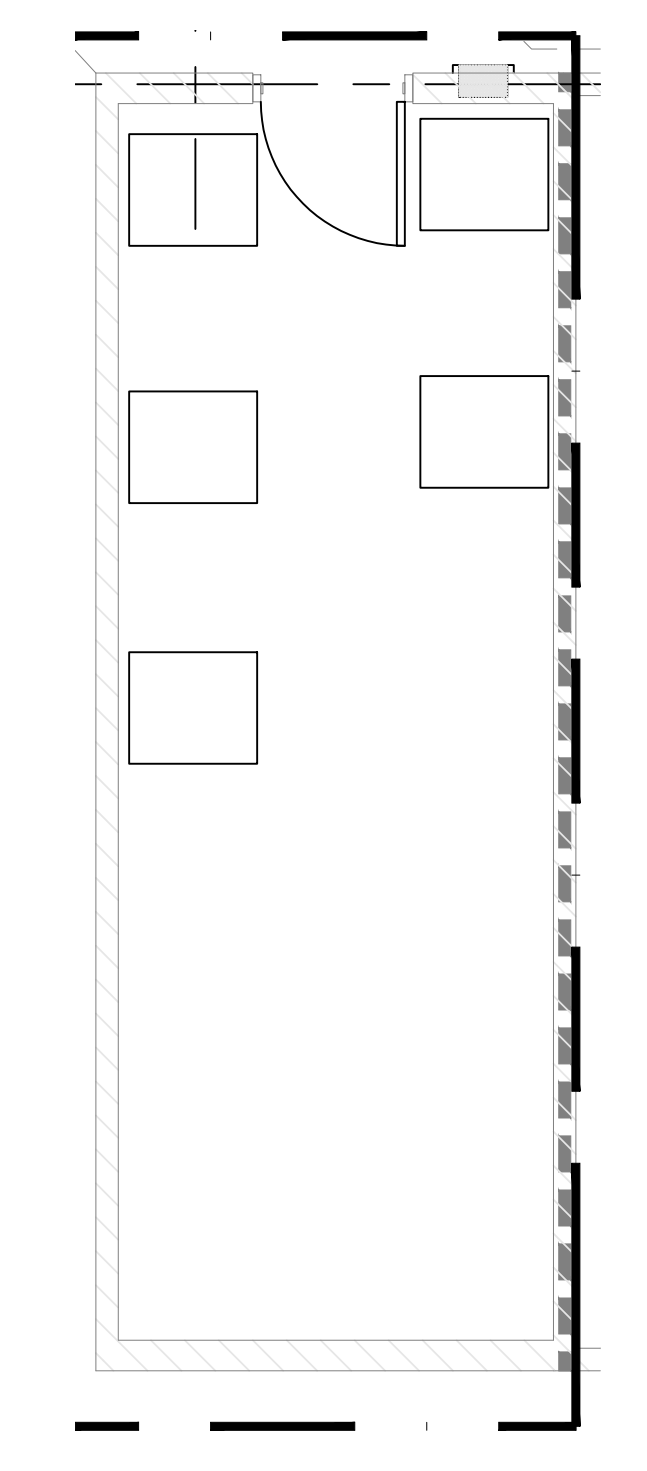
1 ENLARGED FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"



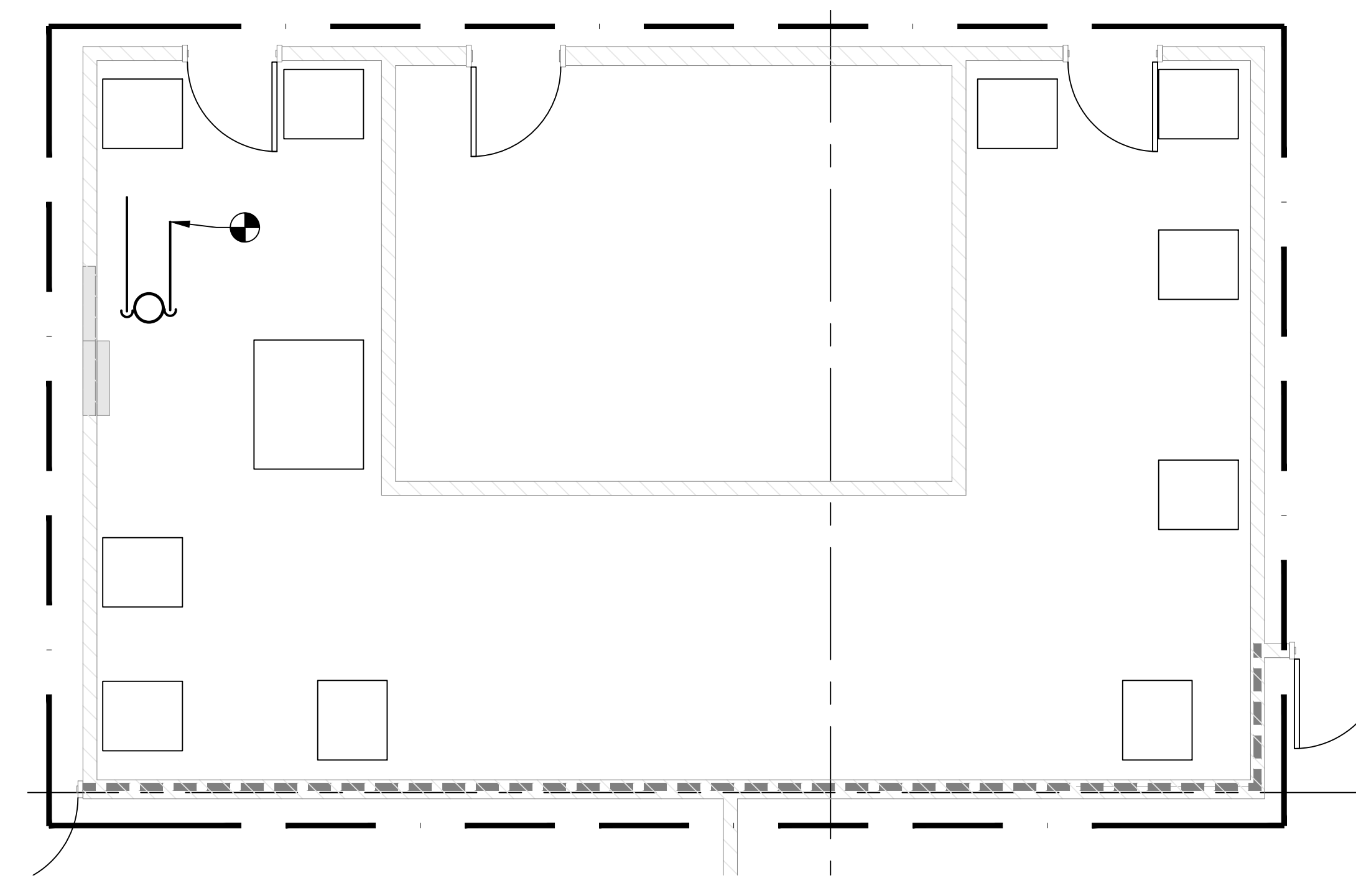
1 ENLARGED FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"



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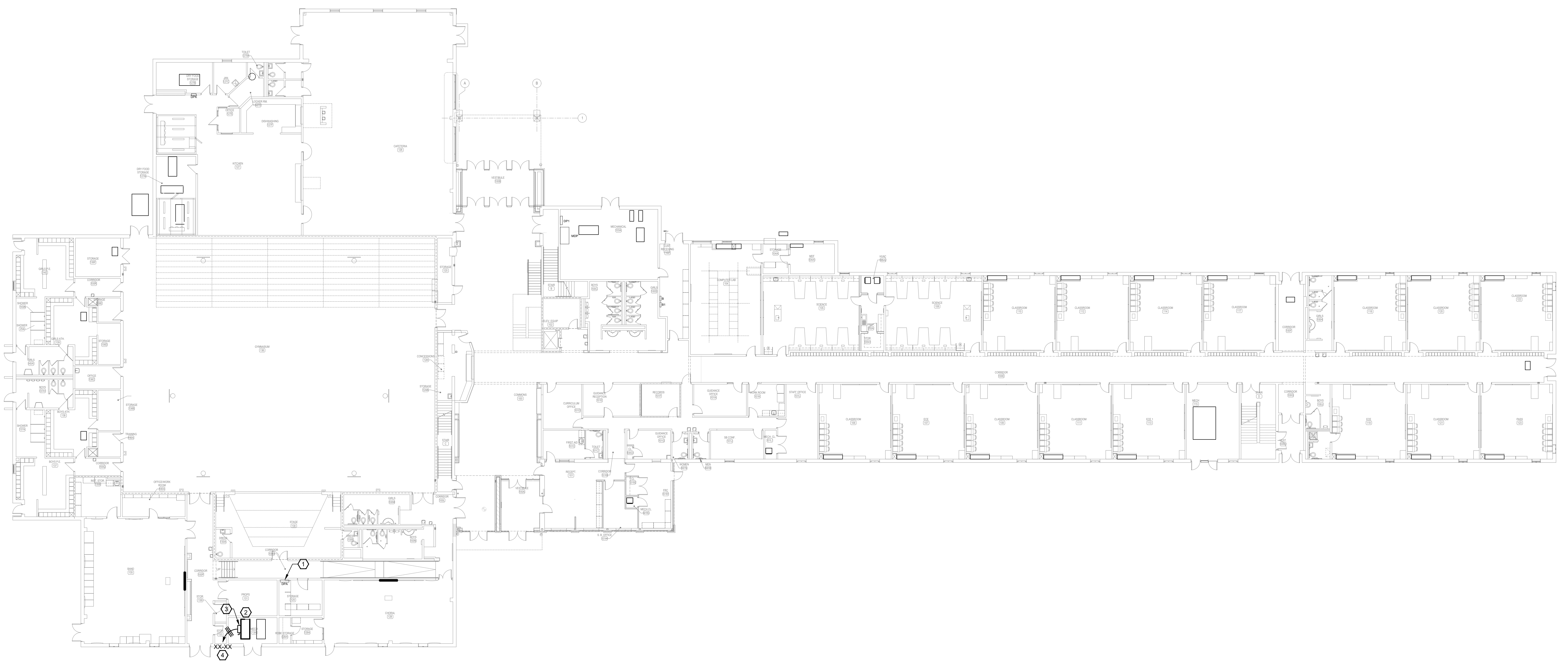
E4.1

GENERAL NOTES:

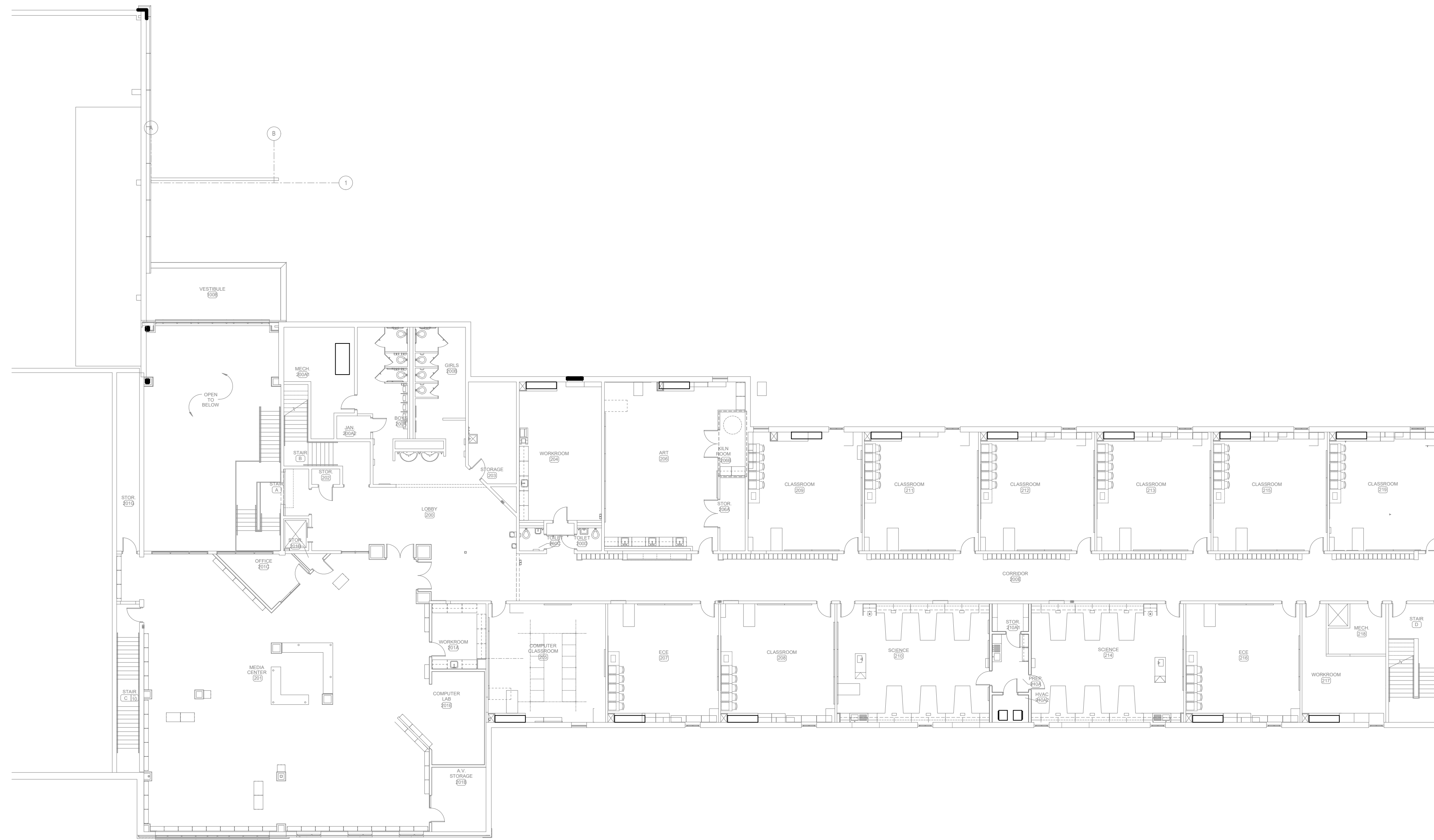
- REFER TO SHEET E0.1 FOR GENERAL NOTES.
- ALL LIGHTING AND OTHER DEVICES IN CEILING IN AREAS WHERE CEILINGS WILL BE REMOVED ARE TO BE SUPPORTED AND PROTECTED DURING CONSTRUCTION. DURING REINSTALLATION, MODIFY AND/OR EXTEND ALL RACEWAYS, CONDUCTORS AND CABLING AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.

○ SHEET KEYNOTES:

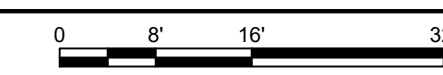
- EXISTING TO REMAIN PANEL IS WESTINGHOUSE, CATALOG #ATC1067012.
- MECHANICAL EQUIPMENT TO BE REPLACED WITH NEW IN SAME LOCATION.
- PROVIDE SAFETY SWITCH.
- PROVIDE CONDUCTORS, CONDUIT AND CIRCUIT BREAKER.



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



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



GENERAL NOTES:

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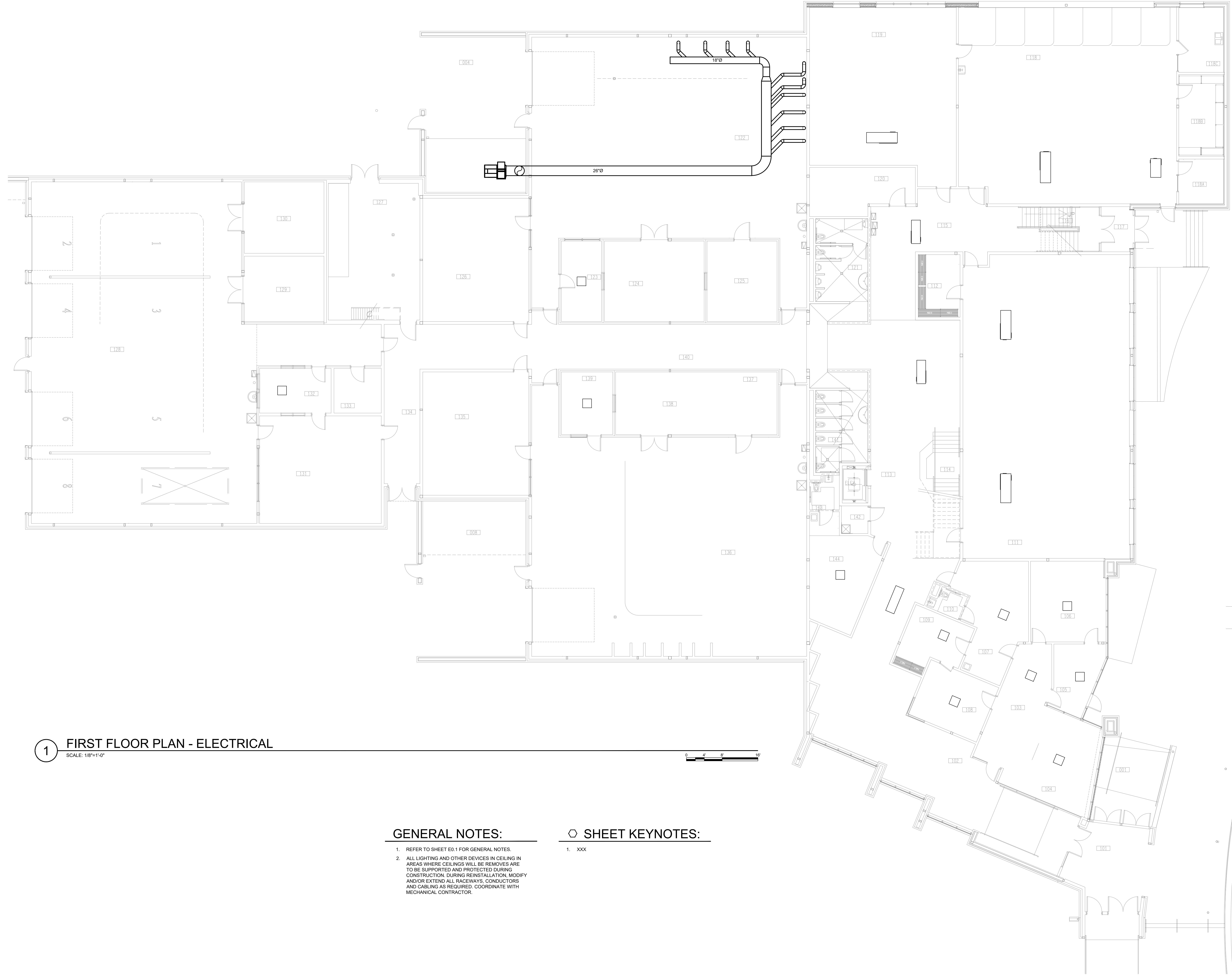
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E5.1



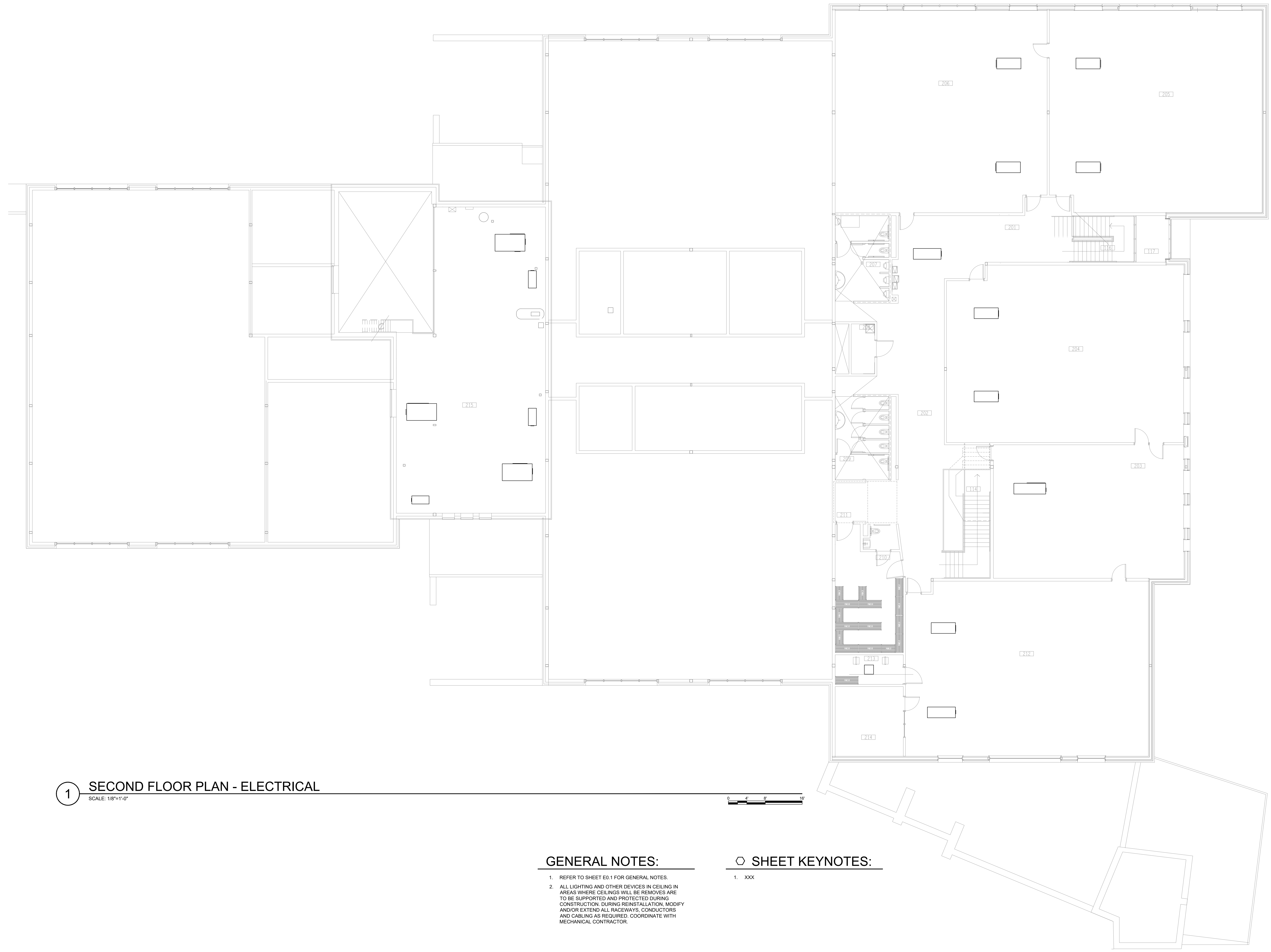
1 FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"

GENERAL NOTES:

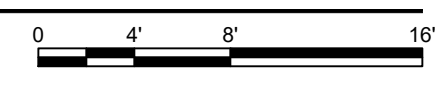
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1 SECOND FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"



GENERAL NOTES:

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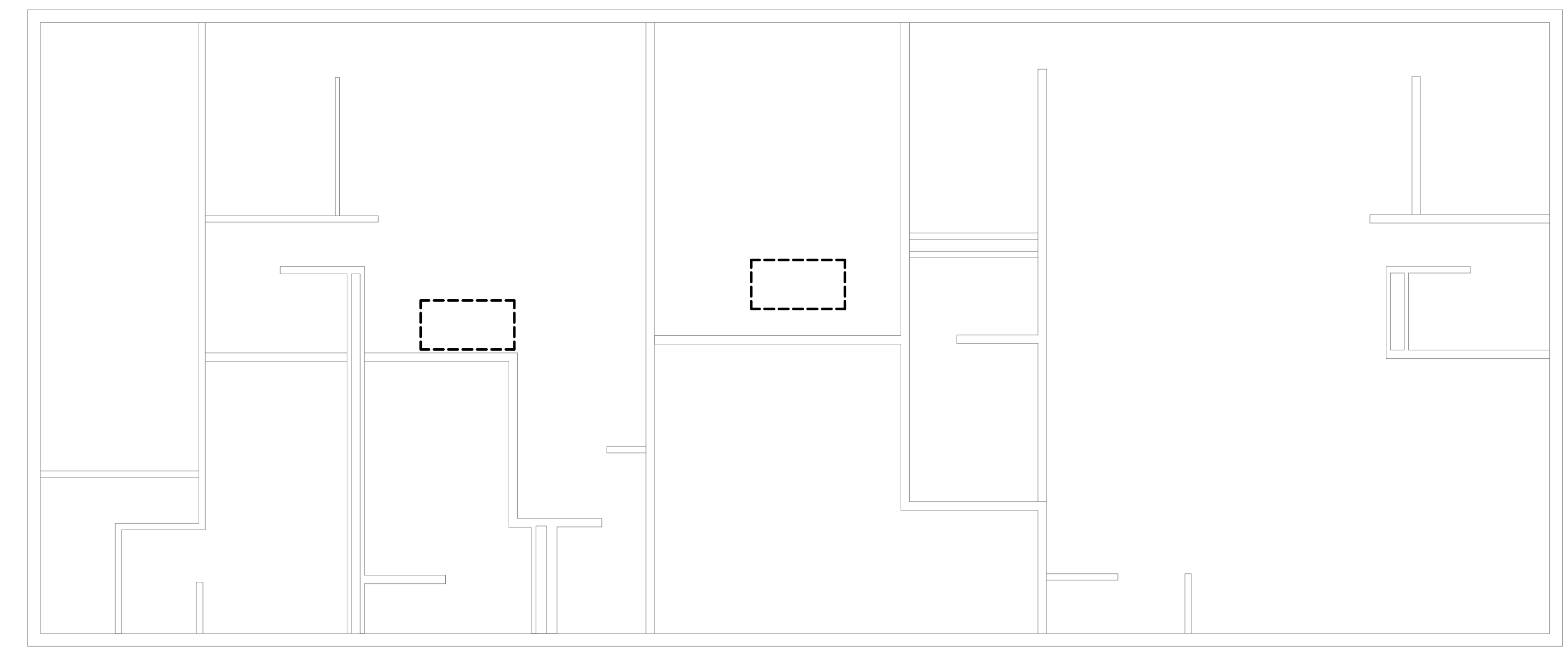
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GENERAL NOTES:

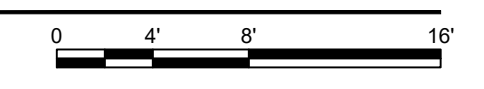
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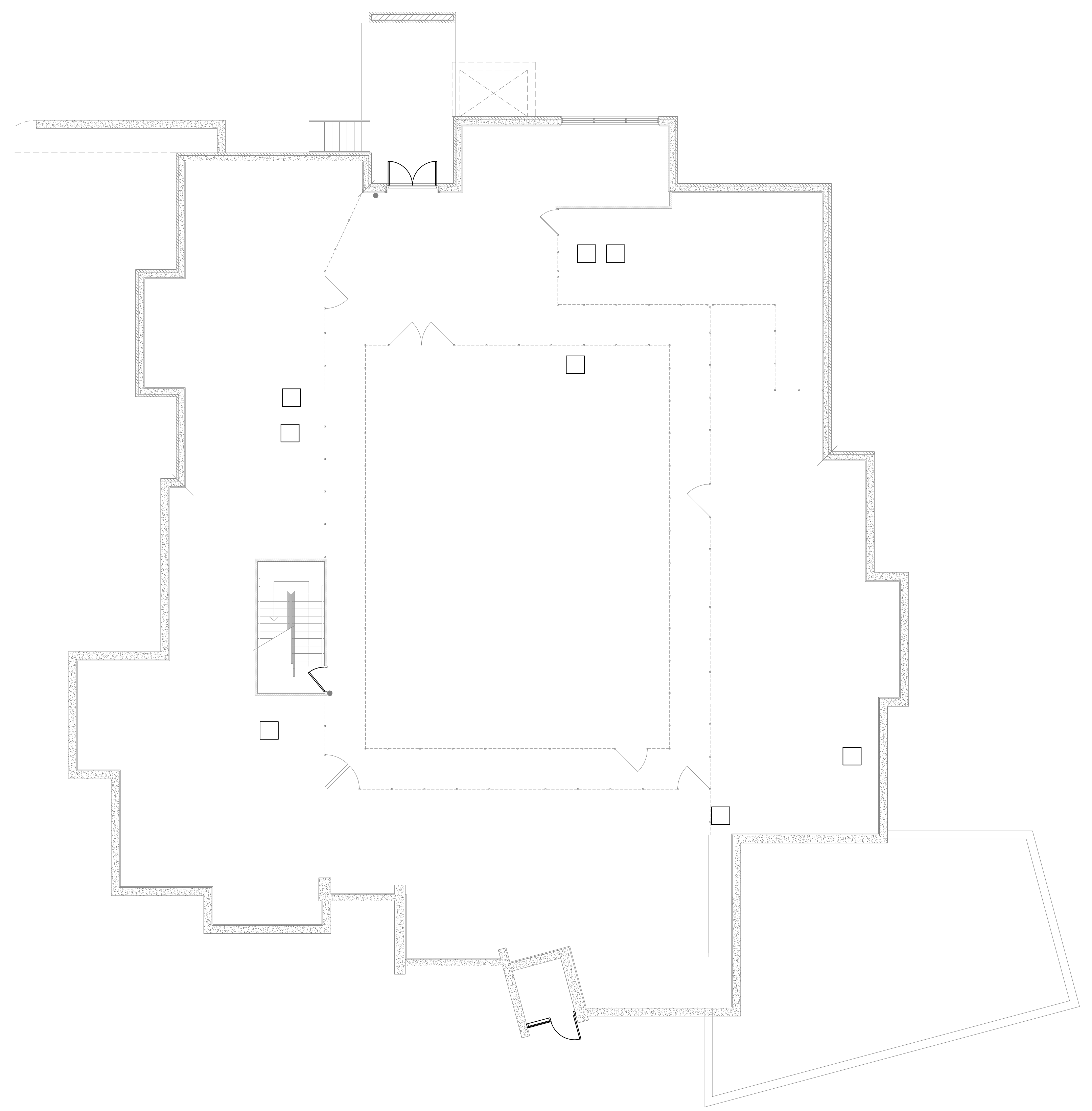
E7.1

GENERAL NOTES:

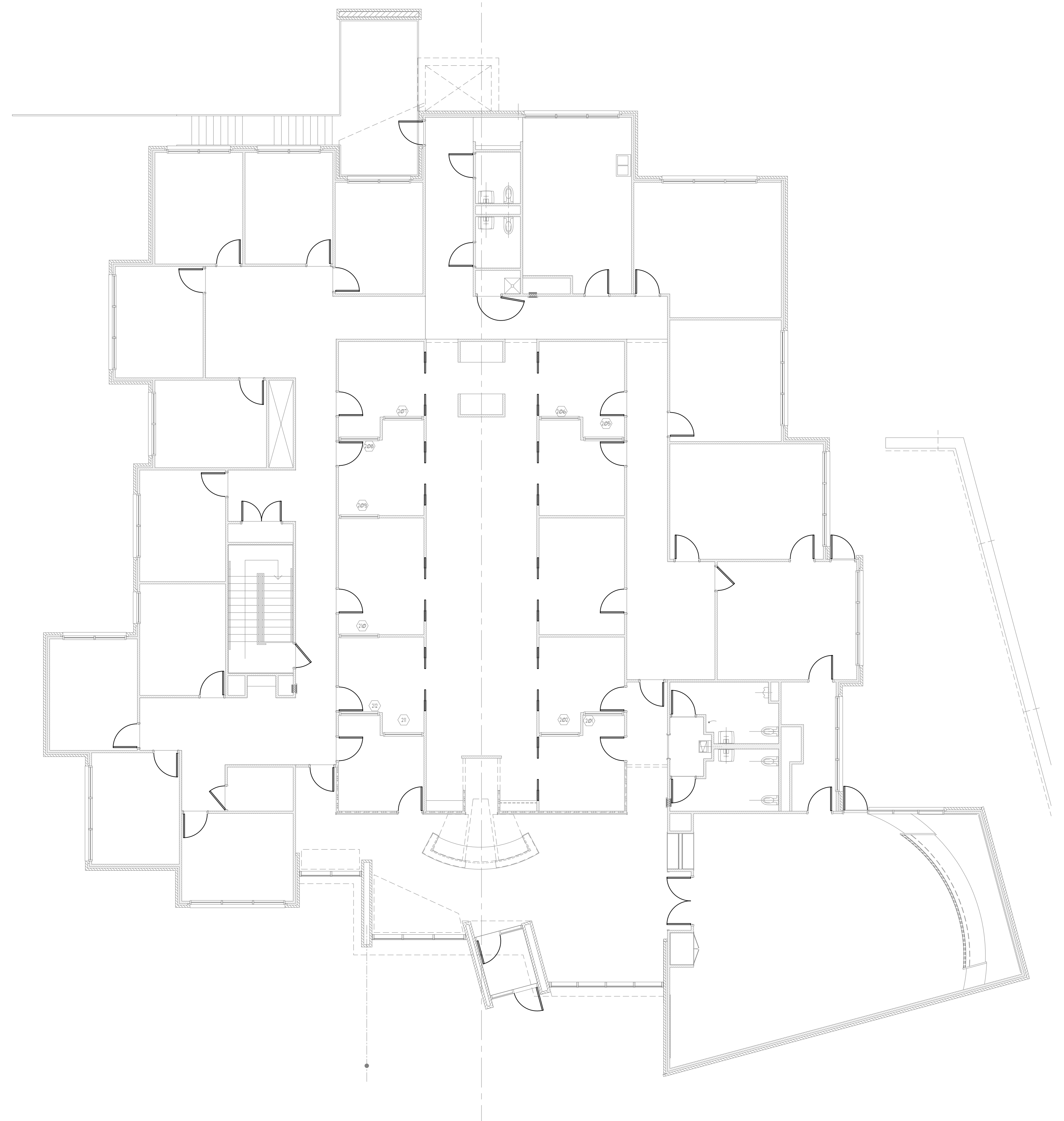
- REFER TO SHEET E0.1 FOR GENERAL NOTES.

SHEET KEYNOTES:

- XXX



1 BASEMENT FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"



2 MAIN FLOOR PLAN - ELECTRICAL
SCALE: 1/8"=1'-0"