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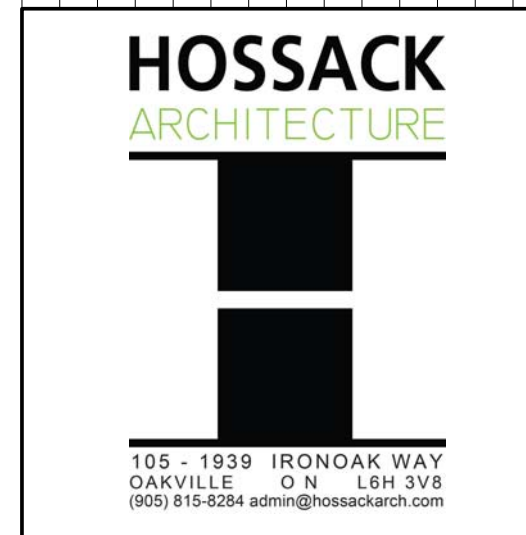
- S0.0 COVER
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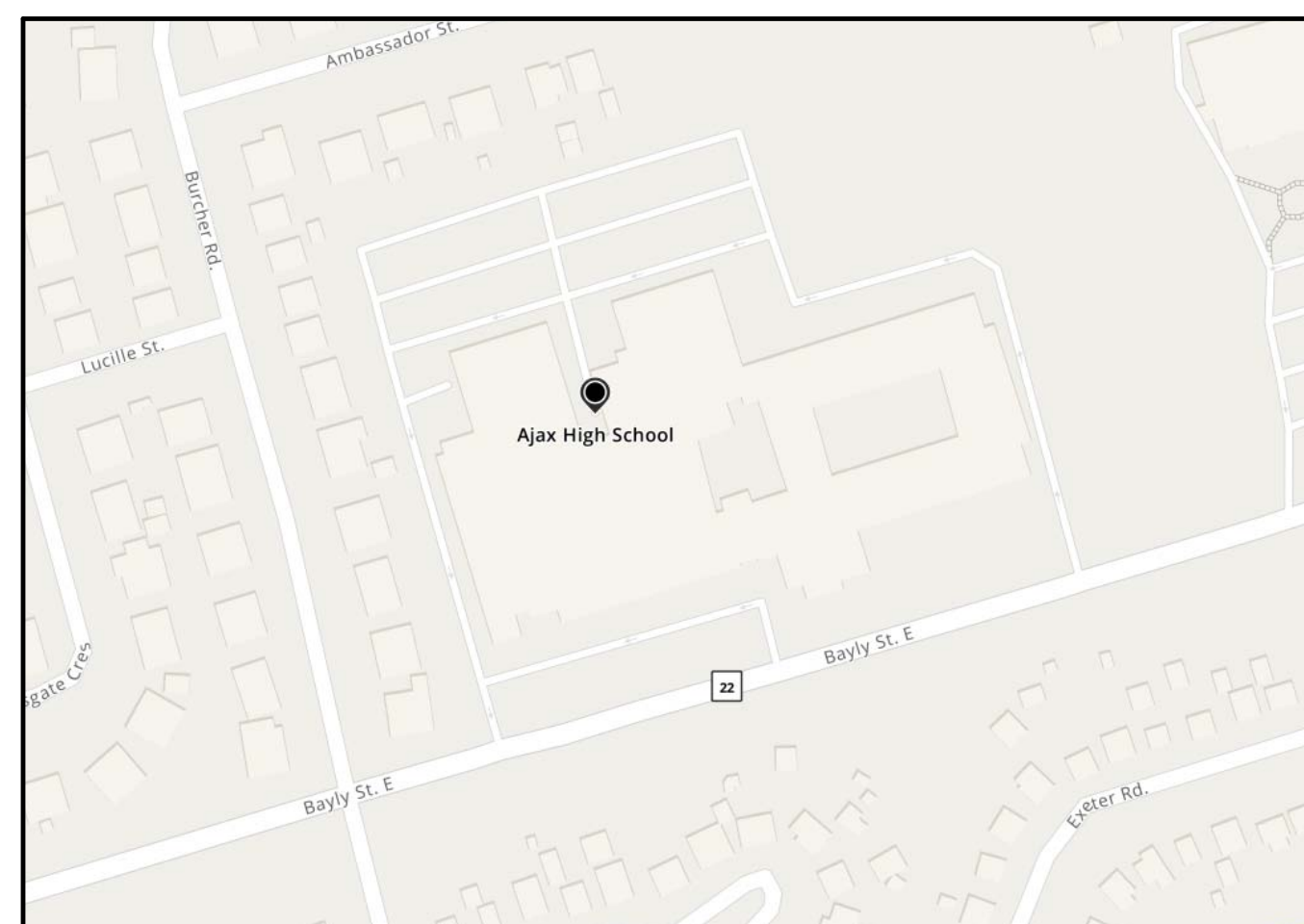
- M1.0 DRAWING LIST, SYMBOL LIST, NOTES
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- E3.3 STAFF ROOM ELECTRICAL PLAN & PANEL SCHEDULE



KEY PLAN



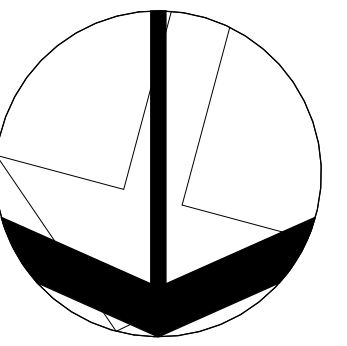
AJAX HIGH SCHOOL

105 Bayly St. E, Ajax, ON L1S 1P2  
 04/28/2026  
 TENDER # T26-29

SET No.

PROJECT NUMBER

26102



**LEGEND:**  
 [Hatched Box] EXISTING AREAS TO REMAIN  
 [White Box] AREA OF WORK  
 [Red X] TEMPORARY HOARDING

01 ISSUE FOR TENDER 26/04/28  
 NO. ISSUED DATE  
 DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.



CERTIFICATE OF PRACTICE #4292  
**AJAX HIGH SCHOOL**

105 Bayly St. E, Ajax, ON  
 L1S 1P2

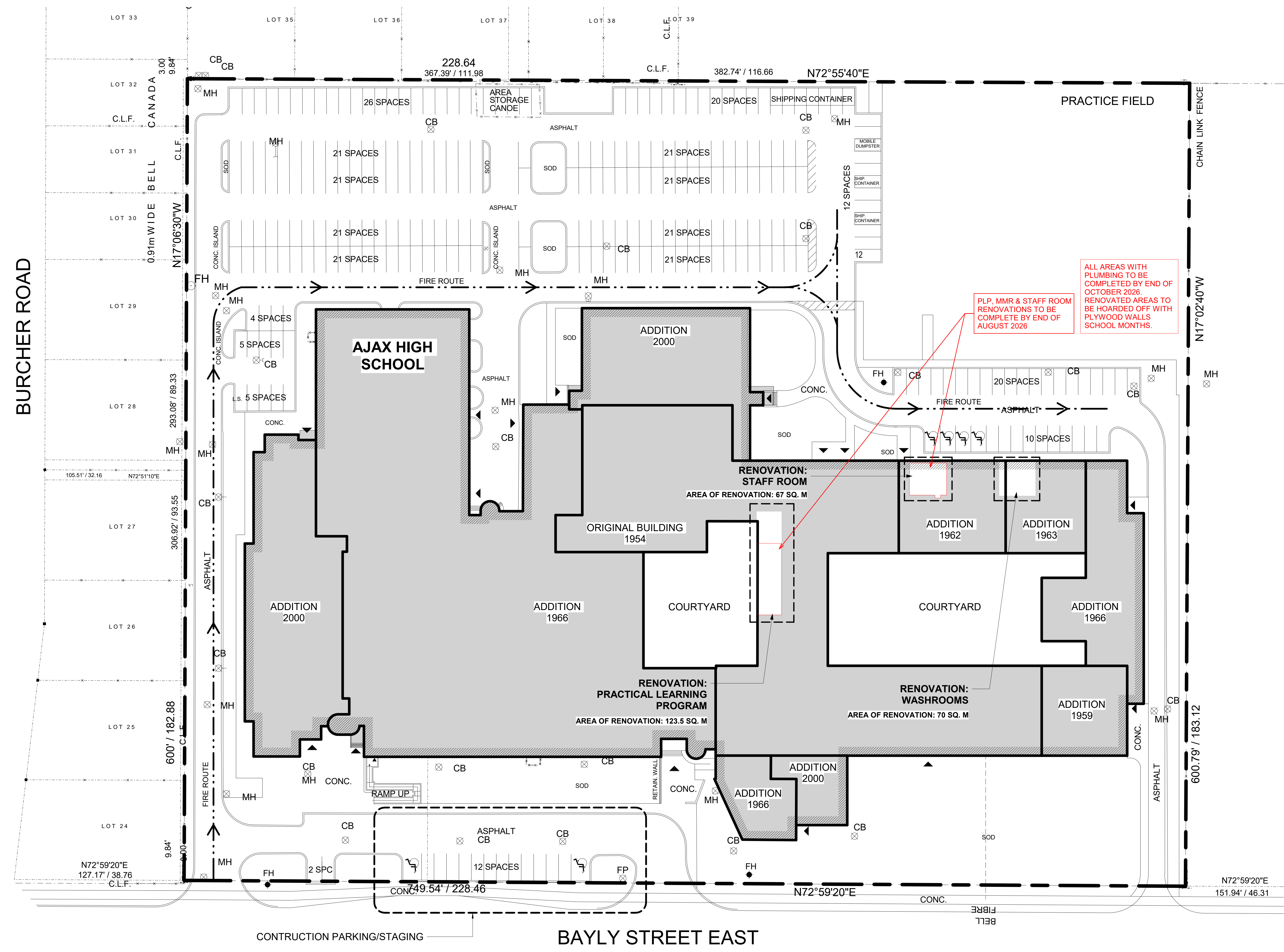


**SITE PLAN**



105 - 1039 IRONDALE WAY  
 OAKVILLE, ON L6H 3V8  
 5067-810-8084 info@hossackarch.com

SCALE As Indicated	PROJECT 26102
DATE 04/28/2026	DRAWING
DRAWN TC	<b>A1.0</b>
CHECKED CS	2026-04-24 4:22:00 PM
PRINT DATE	T:\2015\1512\1502\F6v11.RVT



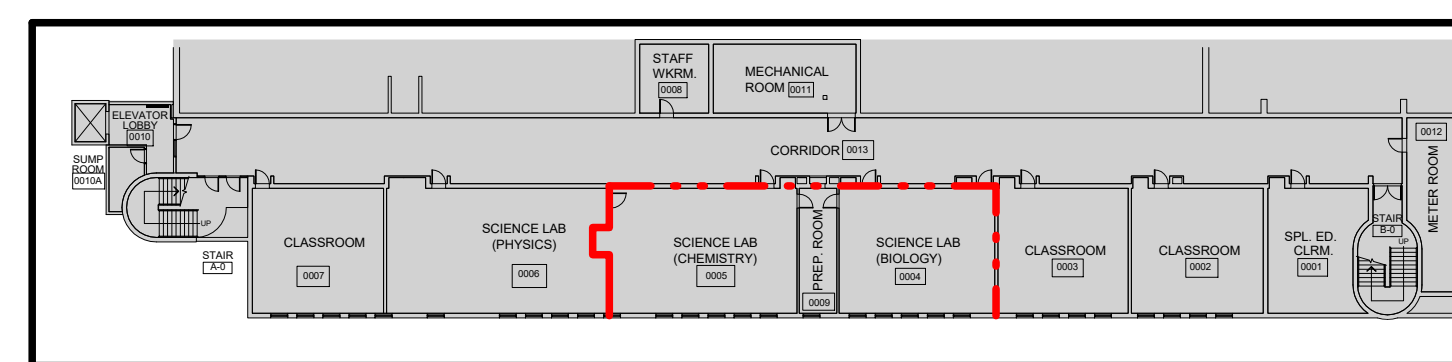
**BURCHER ROAD**

**BAYLY STREET EAST**

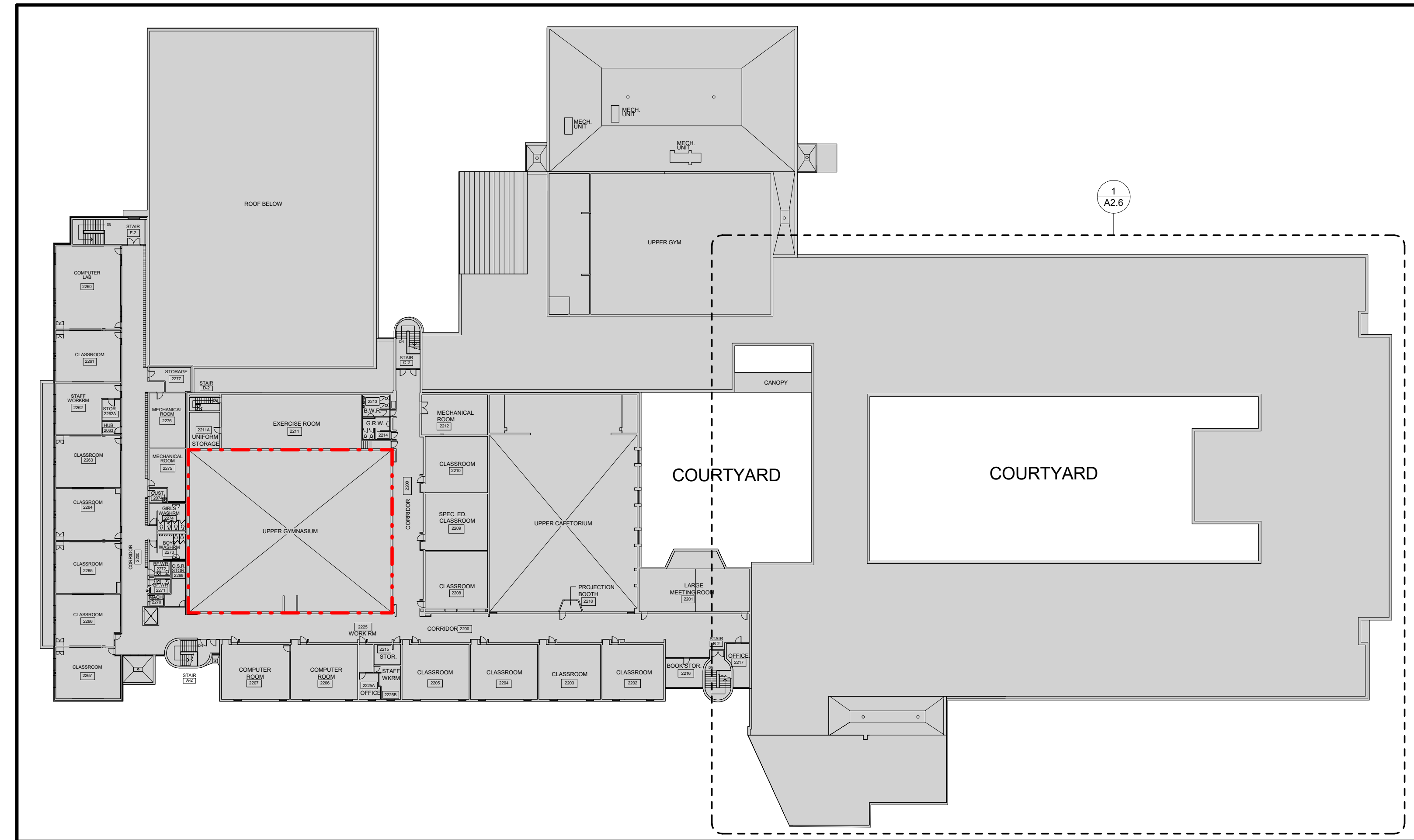
1 SITE SCALE: 1:400  
 A1.0

ONTARIO BUILDING CODE DATA MATRIX PART 11 - RENOVATION OF EXISTING BUILDING			OBC REFERENCE
11.00	BUILDING CODE VERSION	Q.Reg. 332/12 LAST AMENDMENT Q.Reg. 191/14	
11.01	PROJECT TYPE:	<input type="checkbox"/> ADDITION <input checked="" type="checkbox"/> RENOVATION <input type="checkbox"/> ADDITION AND RENOVATION <input type="checkbox"/> CHANGE OF USE DESCRIPTION 70 SQ.M RENOVATION OF 2 GENDER WASHROOM BANKS AND STAFF WORK ROOM WITH A SERIES OF INDIVIDUAL UNISEX WASHROOMS. 125 SQ.M IN P.L.P. CLASSROOM AREA FOR CHANGE OF ROOM SIZES AND FINISHES.	[A] 1.1.2
11.02	MAJOR OCCUPANCY CLASSIFICATION:	OCCUPANCY A2 USE SECONDARY SCHOOL	3.1.2.1.(1) and 11.2.1
11.03	SUPERIMPOSED MAJOR OCCUPANCY:	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO DESCRIPTION -	11.2 and 3.2.2.5. to 3.2.2.8
11.04	BUILDING AREA (m <sup>2</sup> )	DESCRIPTION EXISTING NEW TOTAL BASEMENT 1245 0 1245 FIRST FLOOR 14759 0 14759 SECOND FLOOR 4274 0 4274 TOTAL = 20278 0 20278	[A] 1.4.1.2, 11.2, and 11.3
11.05	BUILDING HEIGHT	2 STOREYS ABOVE GRADE 0 (m) ABOVE GRADE 1 STOREYS BELOW GRADE	[A] 1.4.1.2 and 3.2.1.1, and 11.3
11.06	NUMBER OF STREETS / FIREFIGHTER ACCESS	2 STREET(S)	3.2.2.10, 3.2.5, and 11.3
11.07	BUILDING SIZE	<input type="checkbox"/> SMALL <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/> LARGE <input type="checkbox"/> > LARGE	T.11.2.1.1.B-N.
11.08	EXISTING BUILDING CLASSIFICATION:	CHANGE IN MAJOR OCCUPANCY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CHANGE CONSTRUCTION INDEX: - HAZARD INDEX: - IMPORTANCE CATEGORY: <input type="checkbox"/> LOW <input type="checkbox"/> NORMAL <input type="checkbox"/> HIGH <input type="checkbox"/> POST-DISASTER	11.2.1.1. T.11.2.1.1.A T.11.2.1.1.B to N 4.1.2.1.(3), and 5.2.2.1.(2)
11.09	RENOVATION TYPE:	<input checked="" type="checkbox"/> BASIC RENOVATION <input type="checkbox"/> EXTENSIVE RENOVATION	11.3.3.1 or 11.3.3.2
11.10	OCCUPANT LOAD	FLOOR AREA OCCUPANCY BASED ON TYPE OCCUPANT LOAD (PERSONS) TOTAL LOAD ASSEMBLY DESIGN 1600 0 0	3.1.17, 11.4.2.2
11.11a	PLUMBING FIXTURE REQUIREMENTS	RATIO: 800 FEMALE / 800 MALE FLOOR AREA OCCUPANT LOAD OBC REFERENCE WCs Required WCs Provided STUDENT 1600 3,7.4.3(14) 58 83 0 0	3.7.4, 11.3.4, 11.3.5, 11.4.2.4, and 11.4.2.5.
11.11b	PLUMBING FIXTURE REQUIREMENTS continued:	FLOOR AREA (repeated) BARRIER-FREE WCs Required BARRIER-FREE WCs Provided UTR Required UTR Provided FULL EXISTING SCHOOL 20,278 sq.m 8 8 1 2 WASHROOM RENOVATION AREA: 2 2BF GENDER SPECIFIC STALLS REPLACED WITH 3BF UNISEX WASHROOMS N/A N/A	Tables 3.8.2.3.A and 3.8.2.3.B
11.12	BARRIER-FREE DESIGN BARRIER-FREE ENTRANCES	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 2 NUMBER EXPLANATION BOTH EXISTING FRONT BUILDING ENTRANCES ARE ACCESSIBLE	11.3.3.2.(2)
11.13	REDUCTION IN PERFORMANCE LEVEL	STRUCTURAL: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES BY INCREASE IN OCCUPANT LOAD: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES BY CHANGE OF MAJOR OCCUPANCY: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES PLUMBING: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES SEWAGE-SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES EXTENSION OF BUILDINGS OF COMBUSTIBLE CONSTRUCTION: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	11.4.2.1, 11.4.2.2, 11.4.2.3, 11.4.2.4, 11.4.2.5, 11.4.2.6.
11.14	COMPENSATING CONSTRUCTION:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES STRUCTURAL: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES BY INCREASE IN OCCUPANT LOAD: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES BY CHANGE OF MAJOR OCCUPANCY: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES PLUMBING: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES SEWAGE-SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES EXTENSION OF BUILDINGS OF COMBUSTIBLE CONSTRUCTION: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	11.4.3.1, 11.4.3.2, 11.4.3.3, 11.4.3.4, 11.4.3.5, 11.4.3.6, 11.4.3.7.
11.15	COMPLIANCE ALTERNATIVES PROPOSED:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (list numbers and describe)	11.5.1
11.16	NOTES:	IS AN ALTERNATIVE SOLUTION USED? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	11.5.1

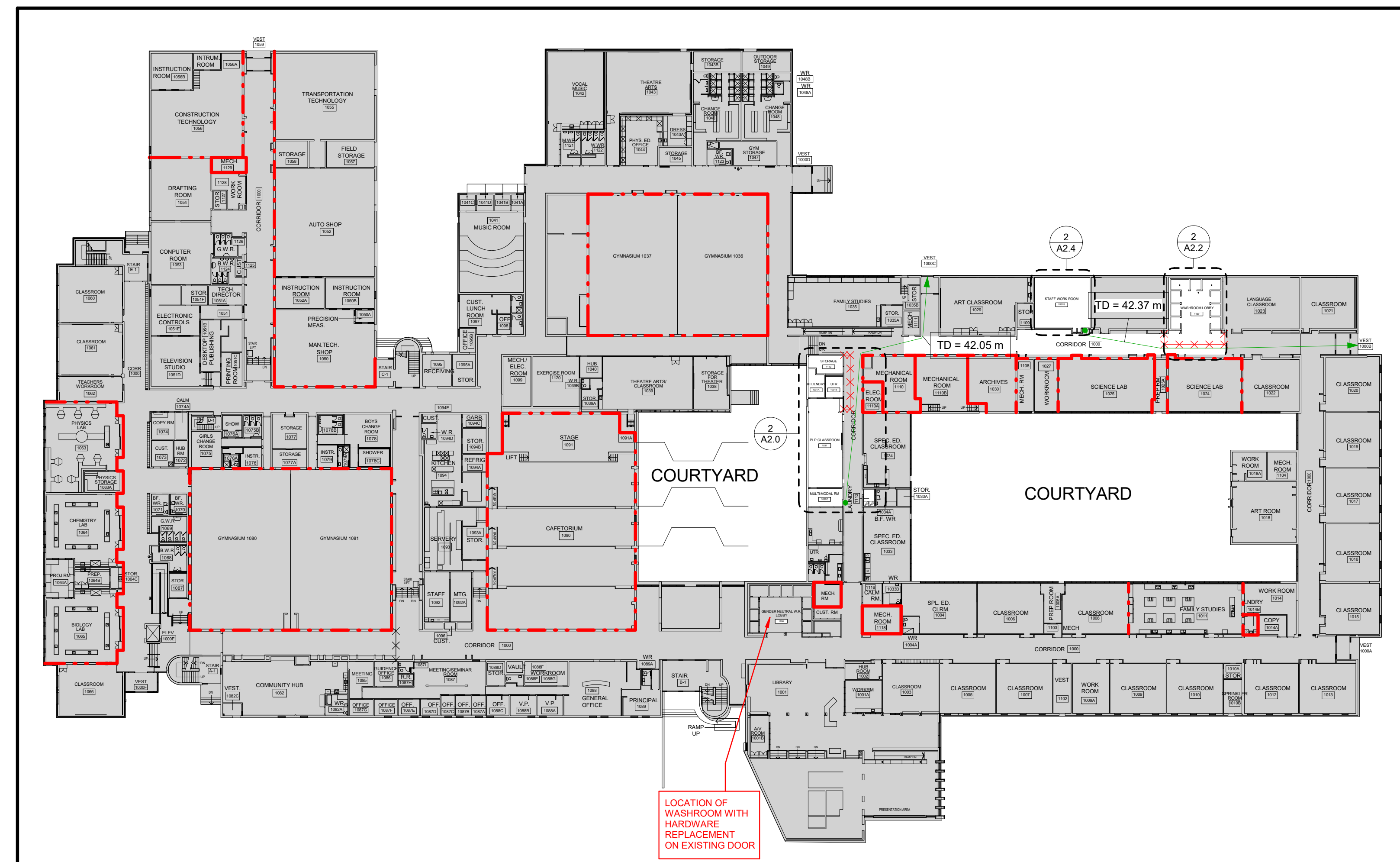
ASSEMBLY LEGEND	
INTERIOR WALLS	
W-1	16mm GYPSUM BOARD (BOTH SIDES) 19mm PLYWOOD (BOTH SIDES) 92mm METAL STUDS @ 400 O.C. SOUND INSULATION BATTS
W-2	16mm GYPSUM BOARD 19mm PLYWOOD 92mm METAL STUDS @ 400 O.C.
W-3	16mm GYPSUM BOARD (BOTH SIDES) 13mm PLYWOOD (BOTH SIDES) 102mm METAL STUDS @ 400 O.C. SOUND INSULATION BATTS
W-4	16mm ABUSE RESISTANT GYPSUM BOARD 12.7mm PLYWOOD 152.4mm METAL STUDS @ 400 O.C.
W-5	16mm GYPSUM BOARD 42mm METAL STUD



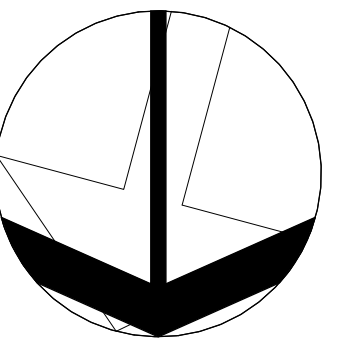
1 KEY PLAN - LOWER FLOOR  
SCALE: 1:500



3 KEY PLAN - UPPER FLOOR  
SCALE: 1:500



2 KEY PLAN - GROUND FLOOR  
SCALE: 1:500



FIRE SEPARATION LEGEND

1 HOUR FIRE SEPARATION

LEGEND:

EXISTING AREAS TO REMAIN

AREA OF WORK

TEMPORARY HOARDING

01 ISSUE FOR TENDER 26/04/28  
NO ISSUED DATE

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CERTIFICATE OF PRACTICE #4292

AJAX HIGH SCHOOL

105 Bayly St. E, Ajax, ON  
L1S 1P2



FIRE SEPARATION,  
OBC MATRIX &  
BUILDING KEY  
PLANS

HOSSACK  
ARCHITECTURE

105 - 1039 IRONDAL WAY  
OAKVILLE, ON L6H 3V8  
905.810.8084 [info@hossackarch.com](mailto:info@hossackarch.com)

SCALE	As Indicated	PROJECT	26102
DATE	04/28/2026	DRAWN	TC
CHECKED	CS	DRAWING	A1.1
PRINT DATE	2026-04-24 4:22:26 PM	REVIT FILE	T:\2015\1512\102\F6v1.RVT

**GENERAL DEMOLITION NOTES**

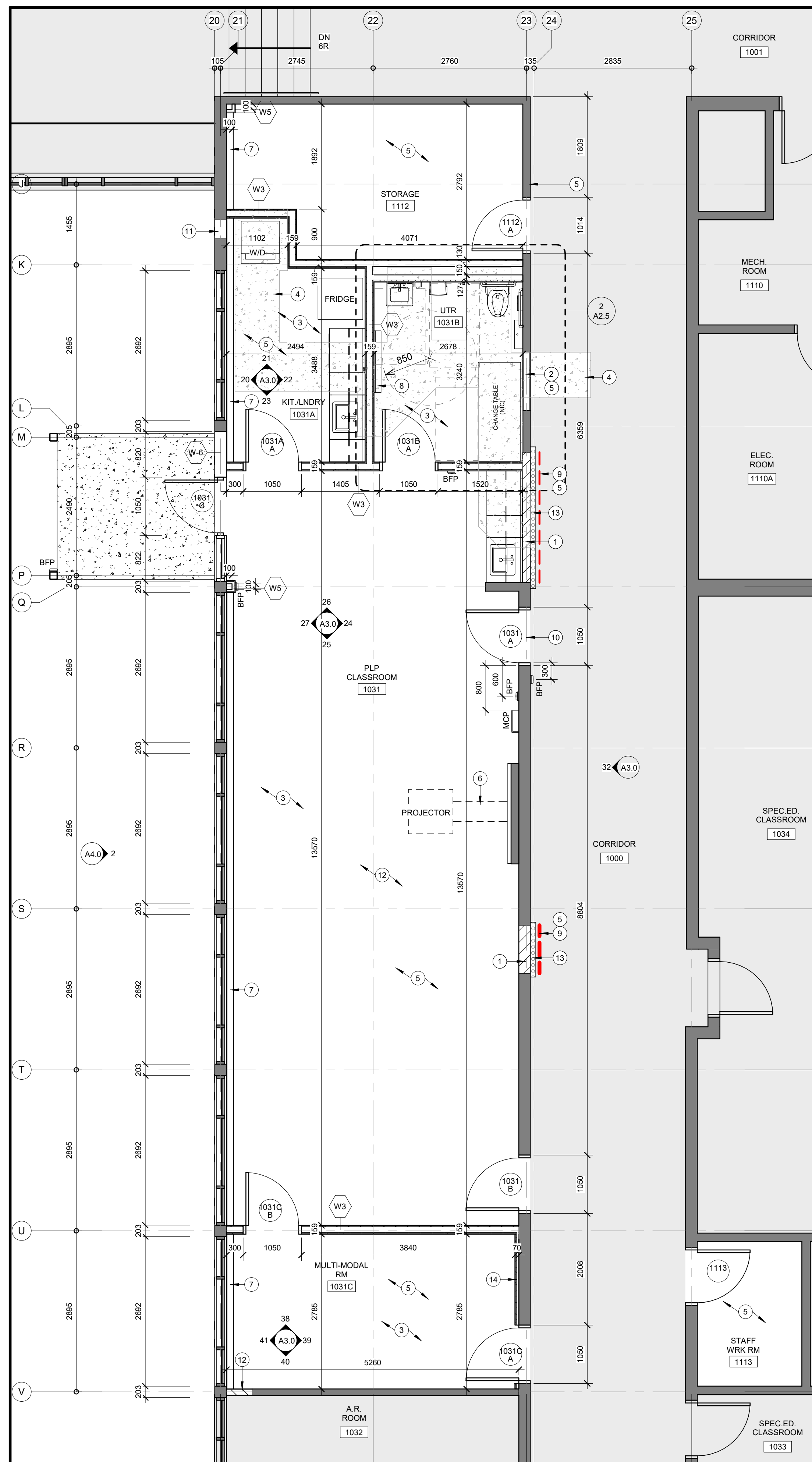
1. REMOVE MECH/ELEC DEVICE, FITMENT, FIXTURE, ETC. REFER TO MECHANICAL AND ELECTRICAL DWGS AND DIV. 15 & 16 FOR INSTRUCTION. PATCH AND MAKE GOOD CONC. BLK. WALL AS REQUIRED FOR NEW FINISHES. REFER TO PROPOSED FLOOR PLAN AND ROOM FINISH SCHEDULE.
2. CONTRACTOR TO INCLUDE DESIGNATED SUBSTANCE OR HAZARDOUS MATERIAL REMOVAL WHEN PRICING. CONTRACTOR TO REFER TO DSUB FOR DETAILS, AND LOCATIONS AS REQUIRED.

**DEMOLITION NOTES**

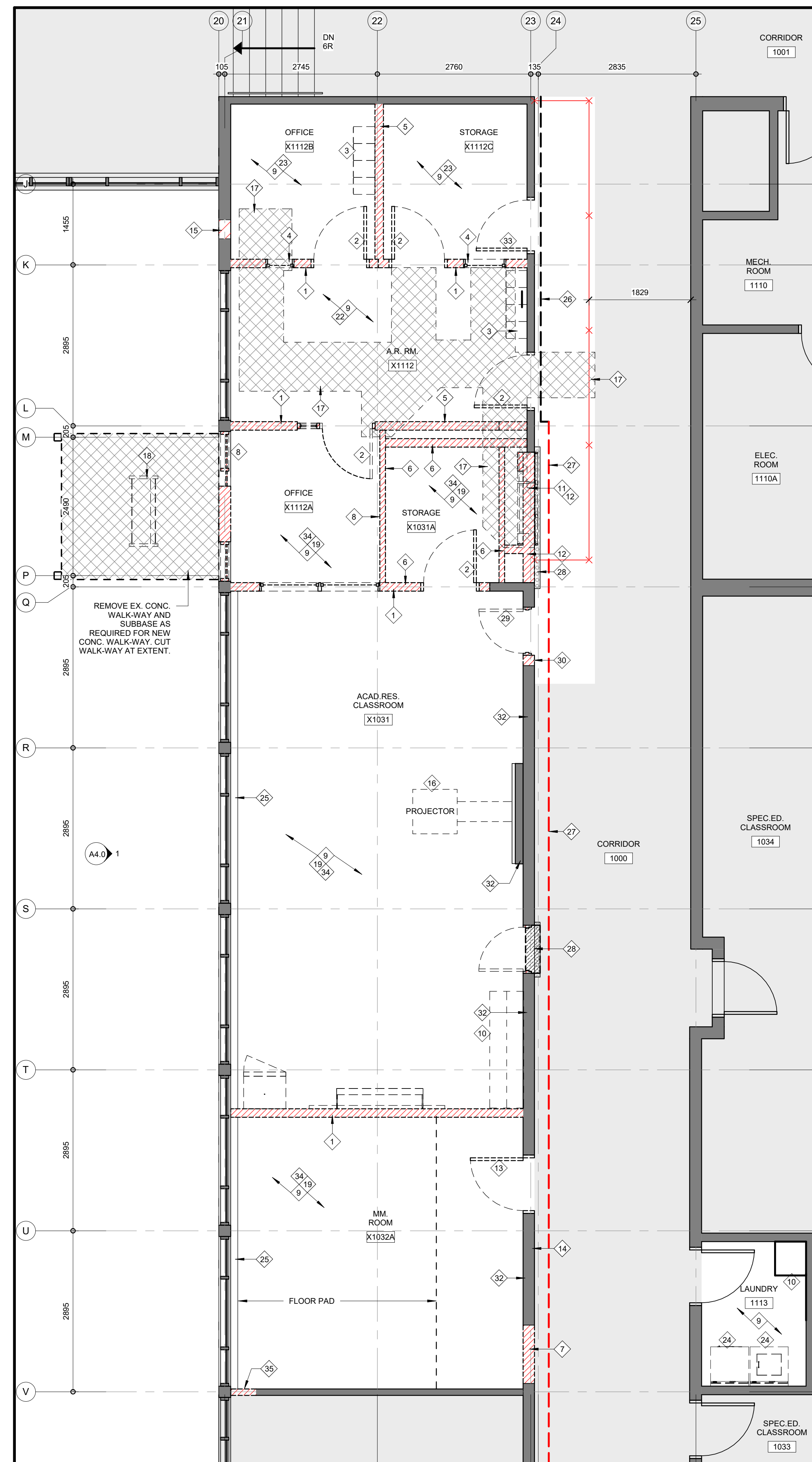
1. DEMOLISH EXISTING INTERIOR BLOCK WALL IN ITS ENTIRETY (INCLUDING SCREEN & DOOR ASSEMBLY, FRAMES, GLAZING AND FINISHES WHERE APPLICABLE). FROM FINISH FLOOR TO TOP OF WALL TO EXTENT SHOWN. PATCH AND MAKE GOOD WALLS TO REMAIN AS REQUIRED. REFER TO FINISH SCHEDULE AS REQUIRED.
2. CONTRACTOR TO DEMOLISH AND REMOVE EXISTING SCREEN, DOOR AND FRAME (HOLLOW METAL, ALUMINUM OR WOOD). PATCH AND MAKE GOOD WALLS AND FLOOR TO REMAIN FOR NEW WALL INFILL AS REQUIRED. REFER TO PROPOSED DRAWINGS AND NOTES.
3. CONTRACTOR TO REMOVE EXISTING LOCKERS AND HAND OVER TO OWNERS.
4. REMOVE EXISTING WINDOW ASSEMBLY ENTIRELY. PATCH AND MAKE GOOD WALLS TO REMAIN AS REQUIRED FOR NEW WALL INFILL. REFER TO PROPOSED DRAWINGS.
5. CONTRACTOR TO DEMOLISH AND REMOVE EXISTING METAL STUD AND GYPSUM WALL IN ITS ENTIRETY, FROM FINISHED FLOOR TO TOP OF WALL. PATCH AND MAKE GOOD WALL AND FLOOR TO REMAIN.
6. CAREFULLY REMOVE EXISTING INTERIOR BRICK WALL ENTIRELY. PATCH AND MAKE GOOD WALLS TO REMAIN. REFER TO PROPOSED DRAWINGS.
7. SAWCUT OPENING IN EX. BLOCK WALL (INCLUDING GYPSUM AND WOOD PANELING WHERE APPLICABLE) FOR NEW DOOR ASSEMBLY. LOCATION OF SAWCUT PER DIMENSIONS IN PROPOSED DRAWINGS. REFER TO STRUCT. DWGS. FOR REQUIRED LINTEL. REMOVE ALTERNATE COURSE OF BLOCK AT OPENING FOR TOOTHING BACK IN. REFER TO SCHEDULE FOR SIZE OF OPENING. REFER TO AD DWGS. FOR JAMB DETAIL.
8. REMOVE EXISTING WOOD BOARD WALL PANELS AND INSULATION. PATCH AND MAKE GOOD WALL FOR NEW FINISHES WHERE REQUIRED. REFER TO PROPOSED DWGS. AND ROOM SCHEDULE, AS REQUIRED.
9. CAREFULLY REMOVE EX. WALL MOUNTED FIXTURES AND FITMENTS LISTED BUT LIMITED TO: TACKBOARDS, WHITEBOARDS, SMART BOARD, SHELVES, BRACKETS/FASTENERS ETC. THROUGHOUT ROOM AND HAND OVER TO OWNER. PATCH AND MAKE GOOD WALLS TO REMAIN. GRIND SMOOTH WALL AND PATCH WHERE ADHESIVE REMAINS FROM REMOVAL. TO ACCEPT NEW FINISH TO SATISFACTION OF SUBTRADE.
10. CONTRACTOR TO DEMOLISH EX. MILLWORK (UPPER AND LOWER). PATCH AND MAKE GOOD EX. WALLS AND FLOORS TO EXCEPT NEW FINISH. REFER TO PROPOSED DWGS AND ROOM SCHEDULE.
11. REMOVE EX. RECESSED DISPLAY CASE IN ITS ENTIRETY. HAND OVER ITEMS IN THE DISPLAY CASE TO OWNER.
12. DEMOLISH EXISTING LIGHT WEIGHT BLOCK FACED WITH WOOD PANELING WALL. FROM FLOOR TO CEILING TO EXTENT SHOWN. PATCH AND MAKE GOOD EXISTING WALLS TO REMAIN AS REQUIRED.
13. REVERSE DOOR SWING, DOOR FRAME LOCATION TO REMAIN. REFER TO PROPOSED DWGS.
14. EXISTING ELECTRICAL PANEL/ELECTRICAL EQUIPMENT TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
15. SAWCUT TO EXIST SHOW FOR NEW MECHANICAL EXHAUST WALLBOX IN EXISTING BRICK AND BLOCK WALL. REMOVE ALTERNATE COURSES OF BRICK AND BLOCK AT OPENING FOR TOOTHING BACK IN WITH SALVAGE BRICK AND BLOCK. REFER TO MECH. DWGS. AND SPECS. AS REQUIRED. ENSURE ENOUGH BRICK AND BLOCK HAS BEEN REMOVED FOR NEW EXHAUST WALLBOX.
16. EXISTING PROJECTOR SCREEN/SMART BOARD AND CLS MOUNTED PROJECTOR INCLUDING MOUNTING BRACKETS AND HARDWARE TO BE REMOVED. STORED ON SITE AND PROTECTED FROM DIRT AND DAMAGE. RE-INSTALL AT PROJECT COMPLETION AT SAME LOCATION.
17. SAWCUT AND REMOVE EXISTING TERRAZZO FLOORING AND REINFORCED CONCRETE SLAB INCLUDING SUB BASE AS REQUIRED FOR NEW PLUMBING LINE & CONNECTIONS. COORDINATE EXACT SLAB REMOVAL LOCATIONS WITH NEW PLUMBING LINE CONNECTIONS WITH MECH. SERVICES AND DWGS. PREPARE SURFACE FOR NEW FINISHES. REFER TO ROOM SCHEDULE.
18. REMOVE EXISTING BENCH. HAND OVER TO OWNER.
19. REMOVE EXISTING VCT FLOORING & RUBBER BASE. PATCH AND MAKE GOOD EXISTING CONC. SLAB SURFACE TO ACCEPT NEW FLOORING MATERIAL TO SATISFACTION OF FLOORING SUBTRADE. PATCH AND MAKE GOOD EXISTING WALL BASE AS REQUIRED FOR NEW FINISHES. REFER TO ROOM FINISH SCHEDULE.
20. EXISTING DOOR AND FRAME TO REMAIN. PROTECT DURING CONSTRUCTION.
21. REMOVE EXISTING FLOORING (INCLUDING CARPET, VINYL RESILIENT SHEET FLOORING AND PORCELAIN / CERAMIC TILE). BASE AND ANY UNDER PAD / MAILING STRIPS TO EXTENT SHOWN. PATCH AND MAKE GOOD EXISTING SUBFLOOR TO ACCEPT NEW FLOORING TO SATISFACTION OF FLOORING SUBTRADE. REFER TO FINISH SCHEDULE AND FLOOR PATTERN PLANS FOR LOCATION.
22. REMOVE EXISTING TERRAZZO FLOORING AND COVE BASE IN ENTIRE ROOM, DOWN TO THE CONC. SLAB. PREPARE SLAB SURFACE TO ACCEPT NEW FLOORING MATERIAL TO SATISFACTION OF FLOORING SUBTRADE.
23. CONTRACTOR TO PROTECT EXISTING FLOORING TO REMAIN IN AREA OF WORK. PATCH AND REPAIR AS REQUIRED IF DAMAGED DURING CONSTRUCTION.
24. REMOVE EXISTING WASHER AND DRYER. PATCH AND MAKE GOOD WALL TO ACCEPT NEW FINISH. REFER TO FINISH SCHEDULE. REFER TO MECH. AND ELEC. DWGS FOR REMOVAL.
25. REMOVE EXISTING RADIATORS. REFER TO MECH. FOR ASSOCIATED REMOVAL. PATCH AND MAKE GOOD WALL AND FLOORS TO REMAIN AS REQUIRED FOR NEW RADIATORS. REFER TO PROPOSED PLANS AND SPECS.
26. BLACK DASH LINE DENOTES EXISTING GYPSUM WALL TO EXTENT SHOWN.
27. RED DASH LINE DENOTES EXISTING LIGHT WEIGHT BLOCK FACED WITH WOOD PANELING TO EXTENT SHOWN.
28. SAWCUT AND REMOVE EXISTING TERRAZZO FLOORING TO METAL JOINT, COVE BASE AND SUBBASE FOR REPLACEMENT. PATCH AND MAKE GOOD EXISTING CONC. SLAB SURFACE TO ACCEPT NEW FLOORING MATERIALS TO SATISFACTION OF FLOORING SUBTRADE. REFER TO ROOM FINISH SCHEDULE.
29. REMOVE EXISTING DOOR AND FRAME ENTIRELY.
30. CAREFULLY REMOVE EXISTING WOOD PANELING AND SAWCUT EXISTING LIGHT WEIGHT BLOCK TO EXTENT SHOWN FOR ENLARGED OPENING. REFER TO DOOR SCHEDULE FOR HEIGHT DOOR AND FRAME. PATCH AND MAKE GOOD WALL AND FLOOR AS REQUIRED FOR NEW FINISHES. REFER TO FINISH SCHEDULE.
31. REMOVE WINDOW WOOD SILLS. GRIND AND SMOOTH EDGES OF CONCRETE BLOCK AT SILL TO FORM BULLNOSE. PATCH AND MAKE GOOD FOR NEW MILLWORK.
32. EXISTING BLOCK WALL TO REMAIN.
33. EXISTING DOOR & FRAME TO BE REMOVED. PATCH AND MAKE GOOD OPENING TO ACCEPT NEW DOOR & FRAME. REFER TO ROOM FINISH SCHEDULE.
34. EXISTING VCT FLOORING (CONTAINING ASBESTOS). CONTRACTOR TO INCLUDE ASBESTOS REMOVAL WHEN PRICING AND REFER TO DSUB FOR DETAILS AND LOCATIONS.
35. DEMOLISH PORTION OF EXISTING GYPSUM ON STUD WALL FOR MECHANICAL WORK. PATCH AND MAKE GOOD WALL. REFER TO MECH. DWGS FOR ASSOCIATED REMOVAL.

**CONSTRUCTION NOTES**

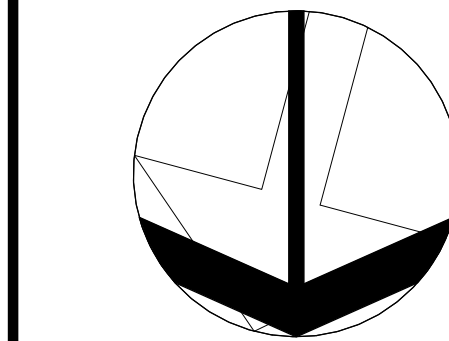
- DRAWINGS TO BE READ IN CONJUNCTION WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. CONSTRUCTION NOTES TO BE READ IN CONJUNCTION WITH PROPOSED ELEVATIONS.
1. INFILL EXISTING REMOVED DOOR OPENING WITH NEW CONC. BLOCK TO MATCH EXISTING. REFER TO ROOM FINISH SCHEDULE FOR NEW FINISHES AND SPECS.
  2. INFILL WITH NEW STUD WALL TO MATCH EXISTING. REFER TO ROOM FINISH SCHEDULE FOR NEW FINISHES.
  3. NEW FLOOR FINISH AND BASE. REFER TO FLOOR PATTERN PLANS AS 0.0, ROOM FINISH SCHEDULE AND SPECS.
  4. NEW REINFORCED CONCRETE SLAB & COMPACTED SUB BASE INFILL AND FLOOR FINISH. REFER TO ROOM FINISH SCHEDULE FOR FLOOR FINISH. SLAB TO BE DEPRESSED IN LOCATIONS OF TERRAZZO AND PORCELAIN TILE FLOORING TO ENSURE FINISH FLOOR IS FLUSH WITH ADJACENT. FLOOR PATTERN PLAN FOR NEW FINISHES AND LOCATION.
  5. PAINT WALLS. REFER TO SPECS. AND FINISH SCHEDULE AND INTERIOR ELEVATIONS.
  6. EXISTING PROJECTOR SCREEN/SMART BOARD TO BE RE-INSTALL AT PROJECT COMPLETION AT SAME LOCATION.
  7. NEW LOW MOUNTED RADIATORS. REFER TO MECH. DWGS AS REQUIRED. REFER TO INTERIOR ELEVATIONS FOR LOCATION. REFER TO ADS FOR NEW RADIATOR MILLWORK.
  8. NEW WALL MOUNTED RADIATOR. TO BE MOUNTED HIGH AS POSSIBLE. REFER TO INTERIOR ELEVATIONS FOR LOCATION.
  9. RED DASH DENOTES NEW TONGUE AND GROOVE PINE BOARDS TO MATCH EXISTING. REFER TO FINISH SCHEDULE AND SPECS. AND INTERIOR ELEVATION.
  10. INFILL ABOVE NEW DOOR FRAME WITH GYPSUM ON METAL STUDS TO MATCH EXISTING THICKNESS OF WALLS ADJACENT.
  11. NEW EXHAUST WALLBOX. REFER TO MECH. DWGS. AND SPECS. AS REQUIRED.
  12. CONTRACTOR TO INSTALL CORNER GUARDS, TO ENSURE NO SHARP CORNERS. REFER TO SPECS AND INTERIOR ELEVATIONS.
  13. HATCHED AREA DENOTES NEW TERRAZZO FLOOR INFILL AND COVE BASE COMPLETE WITH NEW METAL DIVIDER STRIPS AS REQUIRED. GC TO PROVIDE FLOOR LEVELER AS REQUIRED TO ACCOMMODATE EXISTING CONDITIONS.
  14. FURR OUT EXISTING WALL FOR ELECTRICAL. REFER TO ELEC. AND SPECS.



**2** PROPOSED GROUND FLOOR PLAN - PLP  
SCALE: 1:50



**1** DEMOLITION GROUND FLOOR PLAN - PLP  
SCALE: 1:50



**WALL & FLOOR HATCH LEGEND**

- EXISTING PORTION OF BUILDING NOT PART OF THIS RENOVATION
- AREA OF WORK
- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING TERRAZZO & COVE BASE TO BE CUT. IN CORRIDOR, REFER TO DEMOLITION PLAN & NOTES
- EXISTING TERRAZZO FLOORING CONCRETE SLAB ON GRADE. SUB-BASE FLOOR FINISH TO BE REMOVED. REFER TO DEMOLITION PLANS & NOTES
- NEW GYPSUM BOARD WALL
- NEW BLOCK WALL
- NEW CONC. SLAB INFILL C/W SUBBASE AND NEW FLOOR FINISH. REFER TO STRUCT. DWGS.
- NEW TERRAZZO FLOOR & COVE BASE INFILL

**LEGEND:**

- TEMPORARY HOARDING

01	ISSUE FOR TENDER	26/04/28
NO	ISSUED	DATE

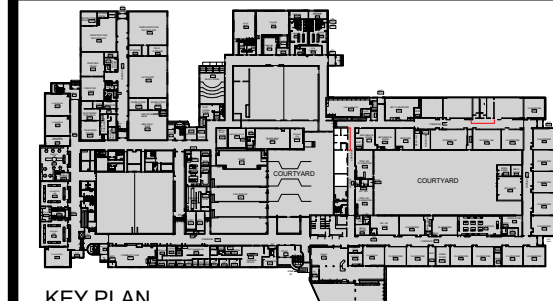
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CERTIFICATE OF PRACTICE #4292

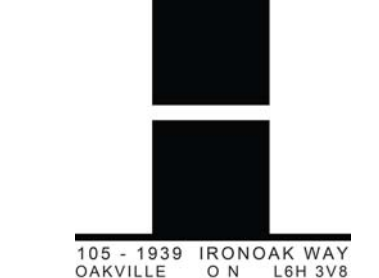
AJAX HIGH SCHOOL

105 Bayly St. E, Ajax, ON L1S 1P2



**DEMOLITION & PROPOSED GROUND FLOOR PLANS - PLP**

**HOSSACK ARCHITECTURE**



105 - 1039 IRONDALE WAY  
DARVILLE, ON L6H 3V8  
905-878-8888 [info@hossackarch.com](mailto:info@hossackarch.com)

SCALE	As Indicated	PROJECT	26102
DATE	04/28/2026	DRAWING	A2.0
DRAWN	TC	PRINT DATE	2026-04-24 4:22:55 PM
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**GENERAL NOTES**

- REFER TO MECHANICAL AND ELECTRICAL CEILING PLANS FOR NEW OR RE-USED MECHANICAL AND ELECTRICAL DEVICES / FIXTURES NOT SHOWN ON ARCHITECTURAL CEILING PLANS.
- PATCH AND MAKE GOOD ALL EXISTING WALLS TO REMAIN FROM CEILING DEMOLITION REFER TO PROPOSED PLANS AND ROOM FINISH SCHEDULE.
- LIGHT FIXTURES GRILLES, DIFFUSERS, ETC. NOT SHOWN ON DEMOLITION REFLECTED CEILING PLAN WHERE ENTIRE EXISTING ASSEMBLY IS TO BE REMOVED. REFER TO DEMOLITION MECHANICAL AND ELECTRICAL DRAWINGS.
- CONTRACTOR TO INCLUDE DESIGNATED SUBSTANCE OR HAZARDOUS MATERIAL REMOVAL WHEN PRICING. CONTRACTOR TO REFER TO DSUB FOR DETAILS, AND LOCATIONS AS REQUIRED.

**DEMOLITION REFLECTIVE CEILING PLAN NOTES**

- EXISTING CEILING TILES, GRID, LIGHTS & DEVICES TO BE REMOVED IN ENTIRE ROOM. PATCH AND MAKE GOOD WALLS TO REMAIN FOR NEW CEILING. REFER TO MECH. AND ELEC. DWGS. FOR ASSOCIATED REMOVAL.
- CONTRACTOR TO PROTECT EXISTING CEILING TO REMAIN IN AREA OF WORK. PATCH AND REPAIR AS REQUIRED IF DAMAGED DURING CONSTRUCTION.
- CONTRACTOR TO CAREFULLY REMOVE TOP OF WALL TO ACCOMMODATE DUCT WORK. REFER TO MECH. DWGS. AS REQUIRED FOR SIZES.
- REMOVE AND REINSTALL EXISTING T-BAR GRID, CEILING TILES AND LIGHTS FROM EXTENT SHOWN FOR MECHANICAL WORK STORE ON-SITE. REPLACE DAMAGED CEILING TILES WHERE APPLICABLE. REFER TO MECH. DWGS. FOR ASSOCIATED REMOVAL.
- EXISTING ACOUSTIC CEILING TILES (CONTAINING ASBESTOS). CONTRACTOR TO INCLUDE ASBESTOS REMOVAL WHEN PRICING AND REFER TO DSUB FOR DETAILS.

**REFLECTED CEILING PLAN CONSTRUCTION NOTES**

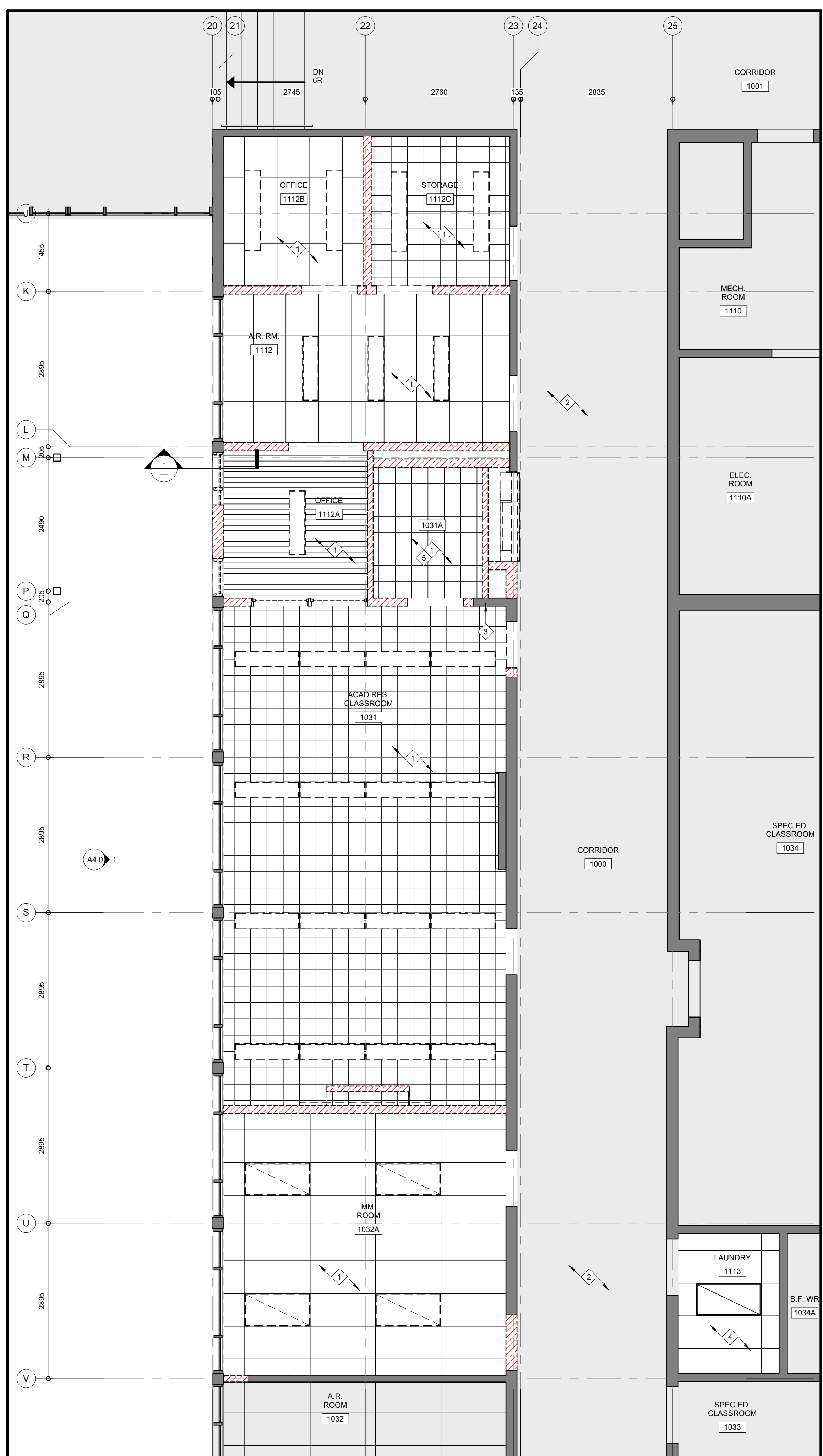
- PROPOSED NEW GRID AND CEILING TILES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURES, ELECTRICAL AND MECHANICAL DEVICES.
- PROPOSED NEW GYPSUM BOARD CEILING. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURES, ELECTRICAL AND MECHANICAL DEVICES.
- REINSTALL EXISTING STORED T-BAR GRID, CEILING TILES AND LIGHTS. REPLACE DAMAGED CEILING TILES WHERE APPLICABLE. REFER TO MECH. DWGS.

**WALL & FLOOR HATCH LEGEND**

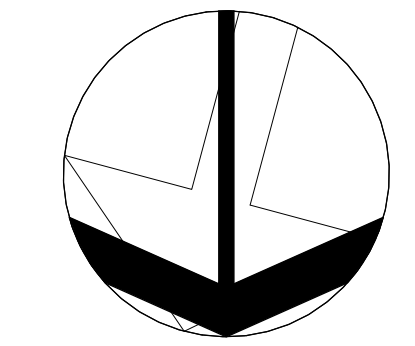
- EXISTING PORTION OF BUILDING NOT PART OF THIS RENOVATION
- AREA OF WORK
- EXISTING WALLS TO REMAIN



2 PROPOSED RCP - PLP  
SCALE: 1:50



1 DEMOLITION RCP - PLP  
SCALE: 1:50



- RCP LEGEND**
- LIGHT FIXTURE, REFER TO LIGHTING PLAN/LIGHTING SCHEDULE FOR TYPE
  - FLUSH MOUNTED LIGHT FIXTURE. REFER TO LIGHTING PLAN/LIGHTING SCHEDULES FOR TYPE
  - ACOUSTIC CEILING PANELS REFER TO SPECIFICATIONS FOR DESCRIPTION OF TYPES
  - SUPPLY DIFFUSER
  - RETURN DIFFUSER
  - RADIANT PANEL
  - GYPSUM BOARD CEILING OF BULKHEAD
  - CEILING HEIGHT FROM FINISHED FLOOR
  - LIGHT FIXTURE
  - GYPSUM BOARD
  - GYPSUM BOARD BULKHEAD
  - RADIATOR, FOR TYPE AND MOUNTING SEE MECH. DWGS. REF. TO AD 900

01 ISSUE FOR TENDER 26/04/28  
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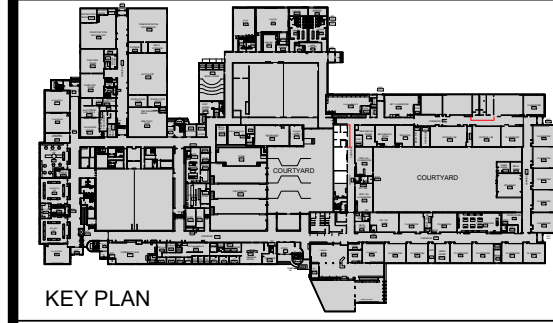
DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.



CERTIFICATE OF PRACTICE #4292

AJAX HIGH SCHOOL

105 Bayly St. E, Ajax, ON L1S 1P2

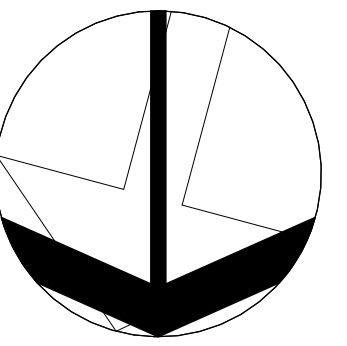


DEMOLITION & PROPOSED RCP - PLP



105 - 1039 IRONDAL WAY  
DARVILLE, ON L6H 3V8  
905-878-8084  
1001-111-1111@hossackarch.com

SCALE	As indicated	PROJECT	26102
DATE	04/28/2026	DRAWING	A2.1
DRAWN	TC	PRINT DATE	2026-04-24 4:23:21 PM
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**WALL & FLOOR HATCH LEGEND**

- EXISTING PORTION OF BUILDING NOT PART OF THIS RENOVATION
- AREA OF WORK
- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING TERRAZZO & COVE BASE TO BE CUT. IN CORRIDOR, REFER TO DEMOLITION PLAN & NOTES
- EXISTING TERRAZZO FLOORING CONCRETE SLAB ON GRADE, SUB-BASE FLOOR FINISH TO BE REMOVED. REFER TO DEMOLITION PLANS & NOTES
- NEW GYPSUM BOARD WALL
- NEW BLOCK WALL
- NEW CONC. SLAB INFILL CW SUBBASE AND NEW FLOOR FINISH. REFER TO STRUCT. DWGS.
- NEW TERRAZZO FLOOR & COVE BASE INFILL

**LEGEND:**

- TEMPORARY HOARDING

01	ISSUE FOR TENDER	26/04/28
NO	ISSUED	DATE

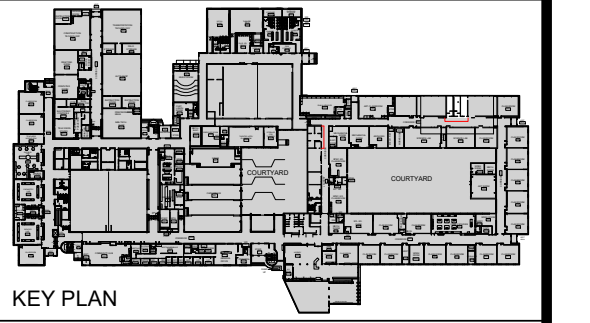
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KEY PLAN



**DEMOLITION & PROPOSED GROUND FLOOR PLAN - WASHROOM**

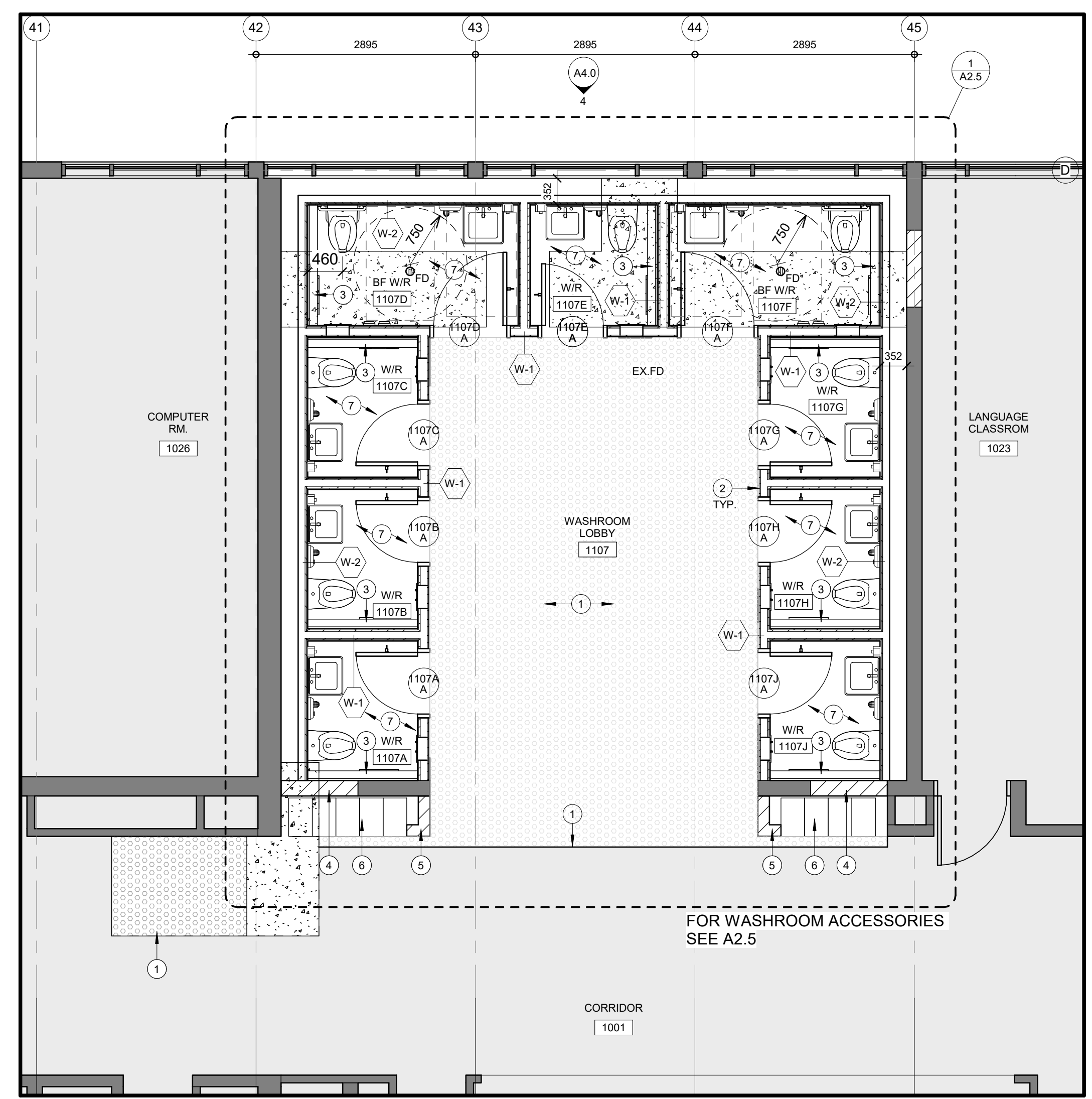


105 - 1039 IRONDAL WAY  
OAKVILLE, ON L6H 3V8  
905-810-8384 [info@hossackarch.com](mailto:info@hossackarch.com)

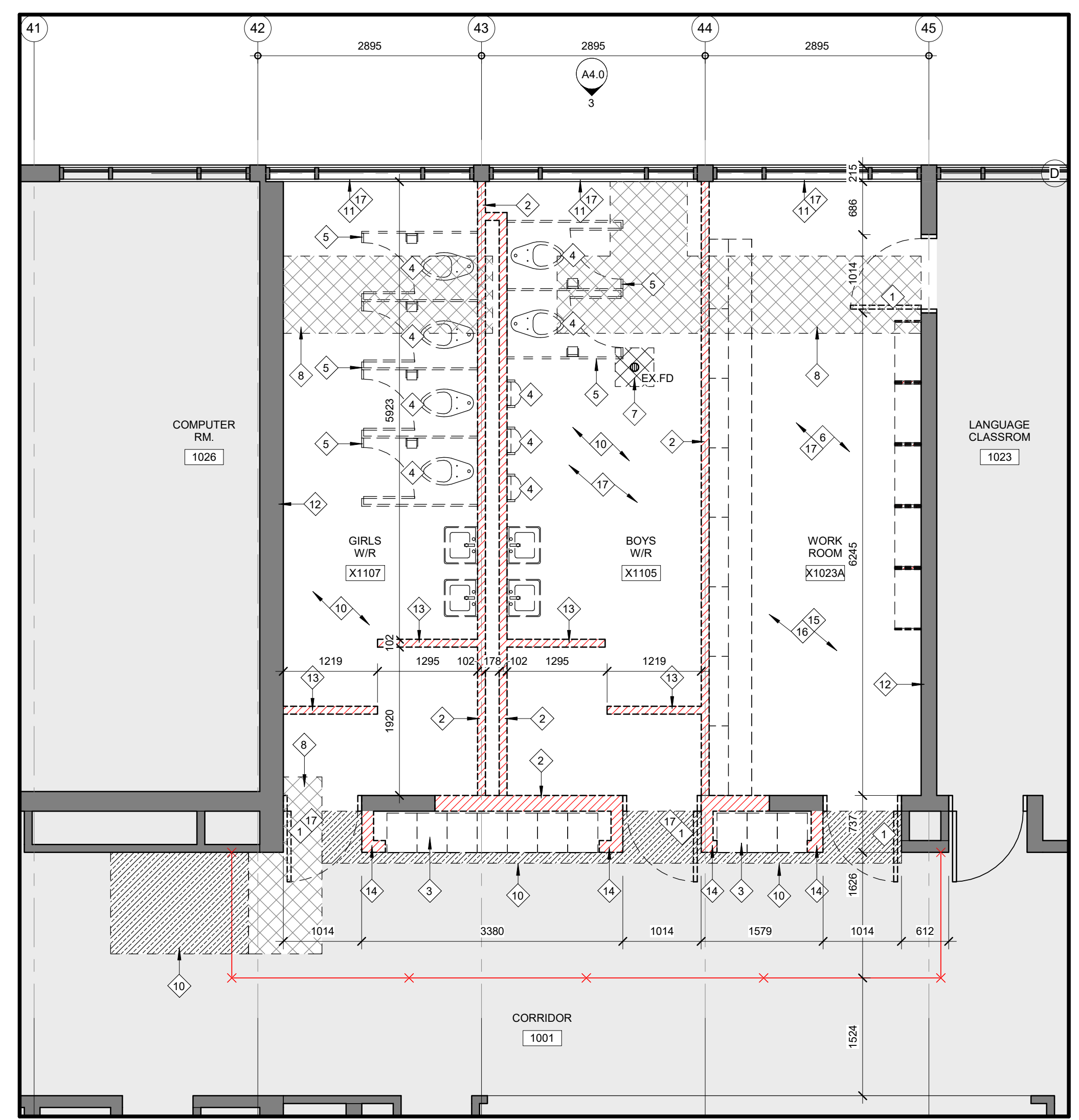
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DATE	04/28/2026	DRAWN	TC
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- GENERAL DEMOLITION NOTES**
- REMOVE MECH / ELEC DEVICE, FITMENT, FIXTURE, ETC. REFER TO MECHANICAL AND ELECTRICAL DWGS AND DIV. 15 & 16 FOR INSTRUCTION. PATCH AND MAKE GOOD CONC. BLK. WALL AS REQUIRED FOR NEW FINISHES. REFER TO PROPOSED FLOOR PLAN AND ROOM FINISH SCHEDULE.
  - CONTRACTOR TO INCLUDE DESIGNATED SUBSTANCE OR HAZARDOUS MATERIAL REMOVAL WHEN PRICING. CONTRACTOR TO REFER TO DSUB FOR DETAILS, AND LOCATIONS AS REQUIRED.**
- DEMOLITION NOTES**
- CONTRACTOR TO DEMOLISH AND REMOVE EXISTING SCREEN, DOOR AND FRAME (HOLLOW METAL, ALUMINUM OR WOOD). PATCH AND MAKE GOOD WALLS TO REMAIN FOR NEW WALL INFILL AS REQUIRED. REFER TO PROPOSED DRAWINGS AND NOTES.
  - REMOVE EXISTING SGT (STRUCTURAL GLAZED TILE) WALL IN ITS ENTIRETY INCLUDING COVE BASE, DOOR ASSEMBLY, FRAMES AND FITMENTS WHERE APPLICABLE) FROM FINISHED FLOOR TO TOP OF WALL TO EXTENT SHOWN. PATCH AND MAKE GOOD PORTION OF WALL AND FLOOR TO REMAIN AS REQUIRED TO ACCEPT NEW FINISH. REFER TO PROPOSED FLOOR PLANS AND ROOM FINISH SCHEDULE.
  - CONTRACTOR TO CAREFULLY REMOVE EXISTING METAL LOCKERS INCLUDING CONCRETE BASE AND GYPSUM BULKHEAD TO EXTENT SHOWN FOR RELOCATION. HAND OVER SALVAGED LOCKERS TO OWNER. PATCH AND MAKE GOOD FLOOR AND WALLS TO REMAIN FOR NEW FINISHES. REFER TO PROPOSED FLOOR PLANS AND ROOM FINISH SCHEDULE.
  - REMOVE EXISTING URINALS AND TOILETS IN THEIR ENTIRETY. REFER TO MECHANICAL AND ELECTRICAL FOR ASSOCIATED REMOVALS. PATCH AND MAKE GOOD FLOOR WHERE APPLICABLE AS REQUIRED FOR NEW FINISHES. REFER TO PROPOSED PLANS AND ROOM FINISH SCHEDULE.
  - REMOVE AND DISPOSE OF EXISTING TOILET PARTITION WALLS AND WASHROOM ACCESSORIES IN THEIR ENTIRETY INCLUDING HARDWARE AND FASTENERS. PATCH AND MAKE GOOD FLOOR TO REMAIN AS REQUIRED. REFER TO PROPOSED PLANS AND ROOM FINISH SCHEDULE.
  - CAREFULLY REMOVE EXISTING WALL MOUNTED FIXTURES AND FITMENTS LISTED BUT LIMITED TO: TACKBOARDS, WHITEBOARDS, BRACKET/FASTENERS, ROOM SIGNAGE, SHELVES THROUGHOUT ROOM AND HAND OVER TO OWNER. PATCH AND MAKE GOOD WALLS TO REMAIN. GRIND SMOOTH WALL AND PATCH WHERE ADHESIVE REMAINS FROM REMOVAL, TO ACCEPT NEW FINISH.
  - REMOVE EXISTING FLOOR DRAIN INCLUDING COVER PLATE, TRAP, ETC. REFER TO MECHANICAL DWGS. FOR EXTENT OF REMOVAL. TERRAZZO TO BE CUT TO THE CLOSEST METAL JOINT.
  - EXISTING TERRAZZO FLOOR FINISH (INCLUDING COVE BASE, CONCRETE SLAB AND SUB BASE) TO BE SAWCUT (TO NEAREST METAL JOINT) AND REMOVED AS REQUIRED FOR MECHANICAL SERVICES. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS FOR EXTENT AND DEPTH OF REMOVAL. INFILL WITH NEW CONCRETE SLAB AND SUB BASE. FEATHER INTO EXISTING SLAB. REFER TO STRUCTURAL DRAWINGS. MAKE GOOD SURFACE TO ACCEPT NEW FINISHES. REFER TO ROOM FINISH SCHEDULE AND FLOOR FINISH PLANS.
  - REMOVE EXISTING RADIATORS UNDER WINDOWS. REFER TO MECH. DWGS FOR ASSOCIATED REMOVAL.
  - SAWCUT AND REMOVE EXISTING TERRAZZO FLOORING AND COVE BASE TO EXTENT SHOWN TO CLOSEST METAL JOINT. PATCH AND MAKE GOOD EXISTING CONC. SLAB SURFACE TO ACCEPT NEW FLOORING MATERIALS TO SATISFACTION OF FLOORING SUBTRADE. REFER TO ROOM FINISH SCHEDULE.
  - REMOVE EXISTING RADIATORS. REFER TO MECH. FOR ASSOCIATED REMOVAL. PATCH AND MAKE GOOD EX. FLOORS AND WOOD SIDING WALL TO REMAIN WHERE APPLICABLE. REFER TO PROPOSED PLANS.
  - CONTRACTOR TO PROTECT EXISTING WALLS TO REMAIN, IN AREA OF WORK. PATCH AND REPAIR IF DAMAGED DURING CONSTRUCTION.
  - EXISTING SGT (STRUCTURAL GLAZED TILE) STUB WALLS TO BE DEMOLISHED (INCLUDING COVE BASE). FROM FINISHED FLOOR TO TOP OF WALL TO EXTENT SHOWN. PATCH AND MAKE GOOD WALL AND FLOOR TO REMAIN AS REQUIRED TO ACCEPT NEW FINISH. REFER TO PROPOSED PLANS AND FINISH SCHEDULE.
  - EXISTING BLOCK WALL TO BE DEMOLISHED. FROM FINISHED FLOOR TO TOP OF WALL INCLUDING COVE BASE. PATCH AND MAKE GOOD FLOOR AND WALL TO REMAIN AS REQUIRED TO ACCEPT NEW FINISHES. REFER TO FINISH SCHEDULE AND PROPOSED PLANS.
  - EXISTING VCT FLOORING (CONTAINING ASBESTOS). **CONTRACTOR TO INCLUDE ASBESTOS REMOVAL WHEN PRICING AND REFER TO DSUB FOR DETAILS.**
  - REMOVE EXISTING VCT FLOORING & RUBBER BASE. PATCH AND MAKE GOOD EXISTING CONC. SLAB SURFACE TO ACCEPT NEW FLOORING MATERIALS TO SATISFACTION OF FLOORING SUBTRADE. PATCH AND MAKE GOOD EXISTING WALL BASE AS REQUIRED FOR NEW FINISHES. REFER TO ROOM FINISH SCHEDULE.
  - EXISTING PAINT ON WALLS (CONTAINS LEAD). **CONTRACTOR TO INCLUDE LEAD REMOVAL WHEN PRICING AND REFER TO DSUB FOR DETAILS AND LOCATION.**

- CONSTRUCTION NOTES**
- DRAWINGS TO BE READ IN CONJUNCTION WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. CONSTRUCTION NOTES TO BE READ IN CONJUNCTION WITH PROPOSED ELEVATIONS.
- NEW TERRAZZO FLOORING AND COVE BASE COMPLETE WITH NEW METAL DIVIDER STRIPS AS REQUIRED THROUGHOUT LOBBY. PATCH AS NEEDED IN CORRIDOR. CONTRACTOR TO PROVIDE FLOOR LEVELER AS REQUIRED TO ACCOMMODATE EXISTING CONDITIONS. REFER TO FLOOR PATTERN PLAN A5.0 AND ROOM FINISH SCHEDULE.
  - NEW GYPSUM BOARD WALL, FROM FLOOR TO EXTENT. REFER TO INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE.
  - NEW WALL MOUNTED RADIATOR. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT. REFER TO MECHANICAL AND ELECTRICAL.
  - NEW BLOCK WALL INFILL, TO BE PAINTED. REFER TO ROOM FINISH SCHEDULE.
  - NEW NIB WALL FOR RELOCATION OF LOCKERS. COORDINATE ON SITE. REFER TO FINISH SCHEDULE FOR FINISHES.
  - NEW LOCKERS, CONFIRM ON SITE HOW MANY WILL FIT ON NEW CONC. BASE. ENSURE CONC. BASE HEIGHT TO MATCH EXISTING. REFER TO ROOM FINISH SCHEDULE FOR FINISH.
  - NEW FLOOR FINISH. REFER TO FLOOR PATTERN PLAN A5.0, ROOM FINISH SCHEDULE AND SPECS. AS REQUIRED.



**2 PROPOSED GROUND FLOOR PLAN - WASHROOM**  
SCALE: 1:50



**1 DEMOLITION GROUND FLOOR PLAN - GIRLS & BOYS W/R AND WORK RM.**  
SCALE: 1:50

**GENERAL NOTES**

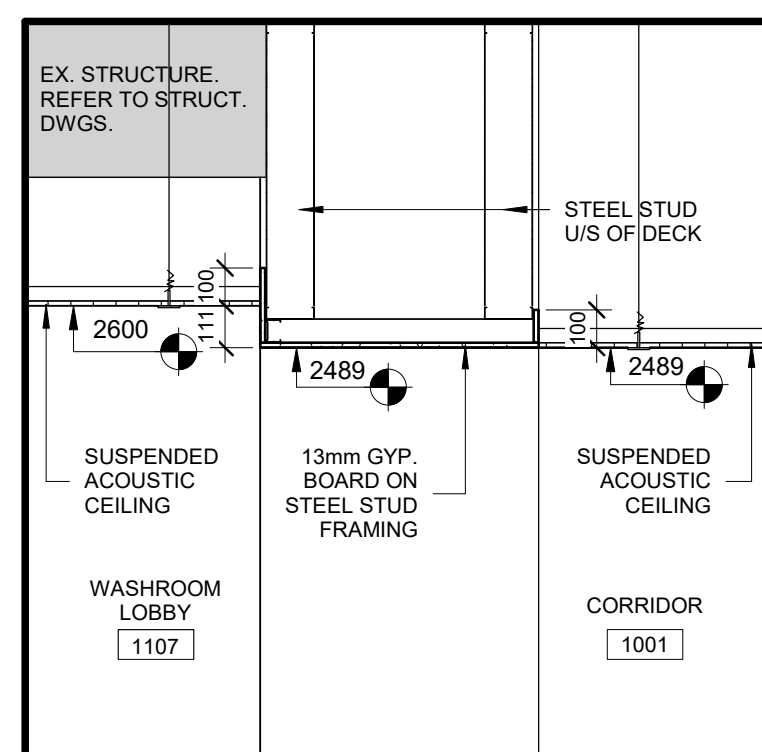
1. REFER TO MECHANICAL AND ELECTRICAL CEILING PLANS FOR NEW OR RE-USED MECHANICAL AND ELECTRICAL DEVICES / FIXTURES NOT SHOWN ON ARCHITECTURAL CEILING PLANS.
2. PATCH AND MAKE GOOD ALL EXISTING WALLS TO REMAIN FROM CEILING DEMOLITION. REFER TO PROPOSED PLANS AND ROOM FINISH SCHEDULE.
3. LIGHT FIXTURES GRILLES, DIFFUSERS, ETC. NOT SHOWN ON DEMOLITION REFLECTED CEILING PLAN WHERE ENTIRE EXISTING ASSEMBLY IS TO BE REMOVED. REFER TO DEMOLITION MECHANICAL AND ELECTRICAL DRAWINGS.
4. CONTRACTOR TO INCLUDE DESIGNATED SUBSTANCE OR HAZARDOUS MATERIAL REMOVAL WHEN PRICING. CONTRACTOR TO REFER TO DSUB FOR DETAILS, AND LOCATIONS AS REQUIRED.

**DEMOLITION REFLECTIVE CEILING PLAN NOTES**

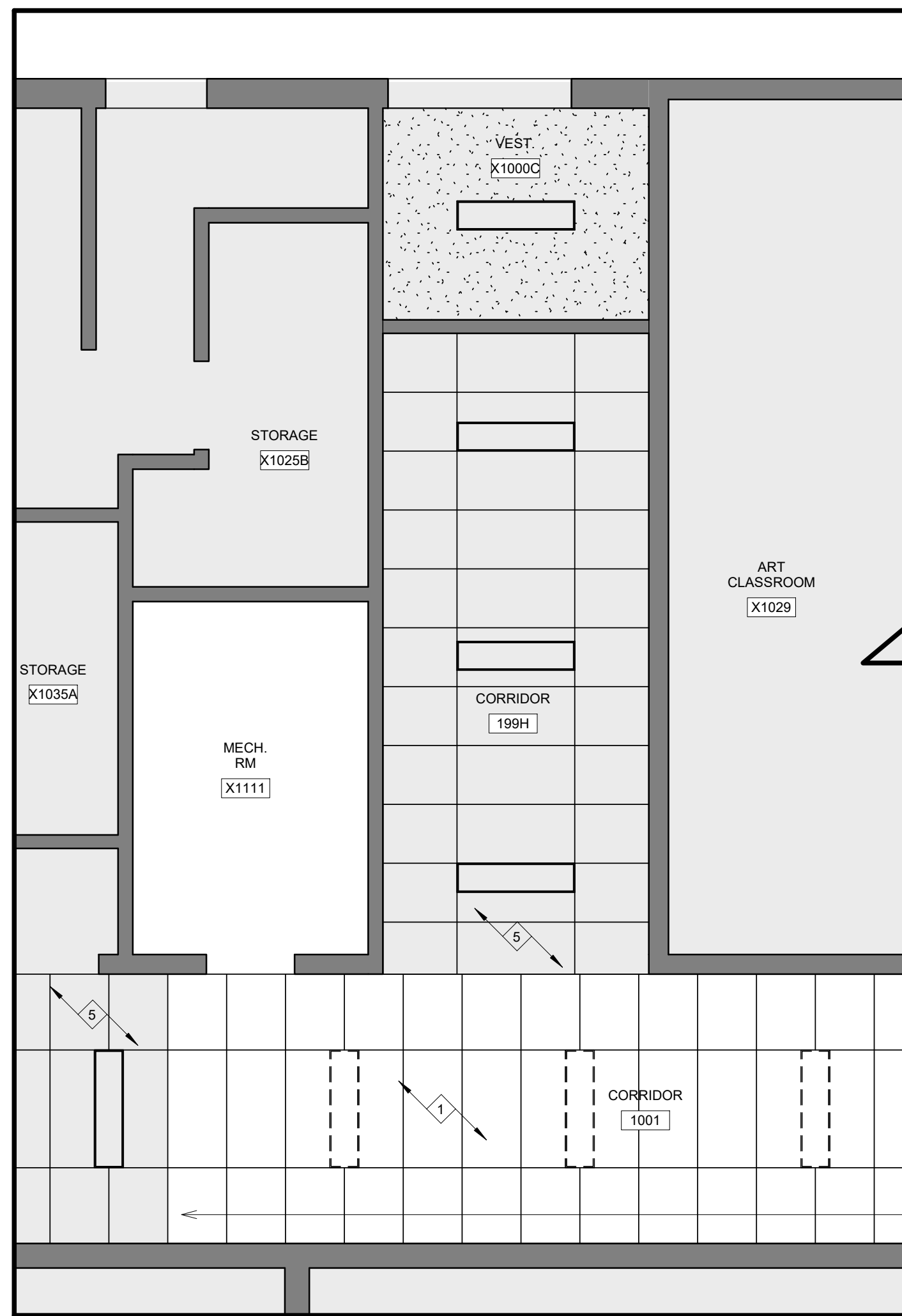
1. EXISTING CEILING TILES AND LIGHTS TO BE CAREFULLY REMOVED AND REINSTALLED TO EXTENT SHOWN (APPROX. 44m) TO EXISTING MECHANICAL ROOM, AS REQUIRED FOR MECHANICAL WORK. SAFELY STORE ON SITE THE EXISTING TILES FOR REINSTALLATION. REFER TO MECH. & ELEC. DWGS. CONTRACTOR TO REPLACE ANY DAMAGED TILES.
2. REMOVE EXISTING LIGHT FIXTURES, ELECTRICAL AND MECHANICAL DEVICES FROM ENTIRE ROOM. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS. PATCH AND MAKE GOOD EXISTING WALLS AS REQUIRED FOR NEW CEILING. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHTING, PIPES AND HVAC REMOVALS OR RELOCATION (WHERE APPLICABLE) NOT SHOWN ON THIS DRAWING.
3. CONTRACTOR TO CAREFULLY REMOVE EXISTING METAL LOCKERS (10) INCLUDING CONCRETE BASE AND GYPSUM BULKHEAD TO EXTENT SHOWN. HAND OVER SALVAGED LOCKERS TO OWNER. PATCH AND MAKE GOOD FLOOR AND WALLS TO REMAIN FOR NEW FINISHES. REFER TO PROPOSED FLOOR PLANS AND ROOM FINISH SCHEDULE.
4. CAREFULLY REMOVE EXISTING BLOCK AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND MAKE GOOD WALLS TO REMAIN FOR NEW BULKHEAD.
5. PROTECT EXISTING CEILING TO REMAIN IN AREA OF WORK. PATCH AND REPAIR AS REQUIRED IF DAMAGED DURING CONSTRUCTION.

**REFLECTED CEILING PLAN CONSTRUCTION NOTES**

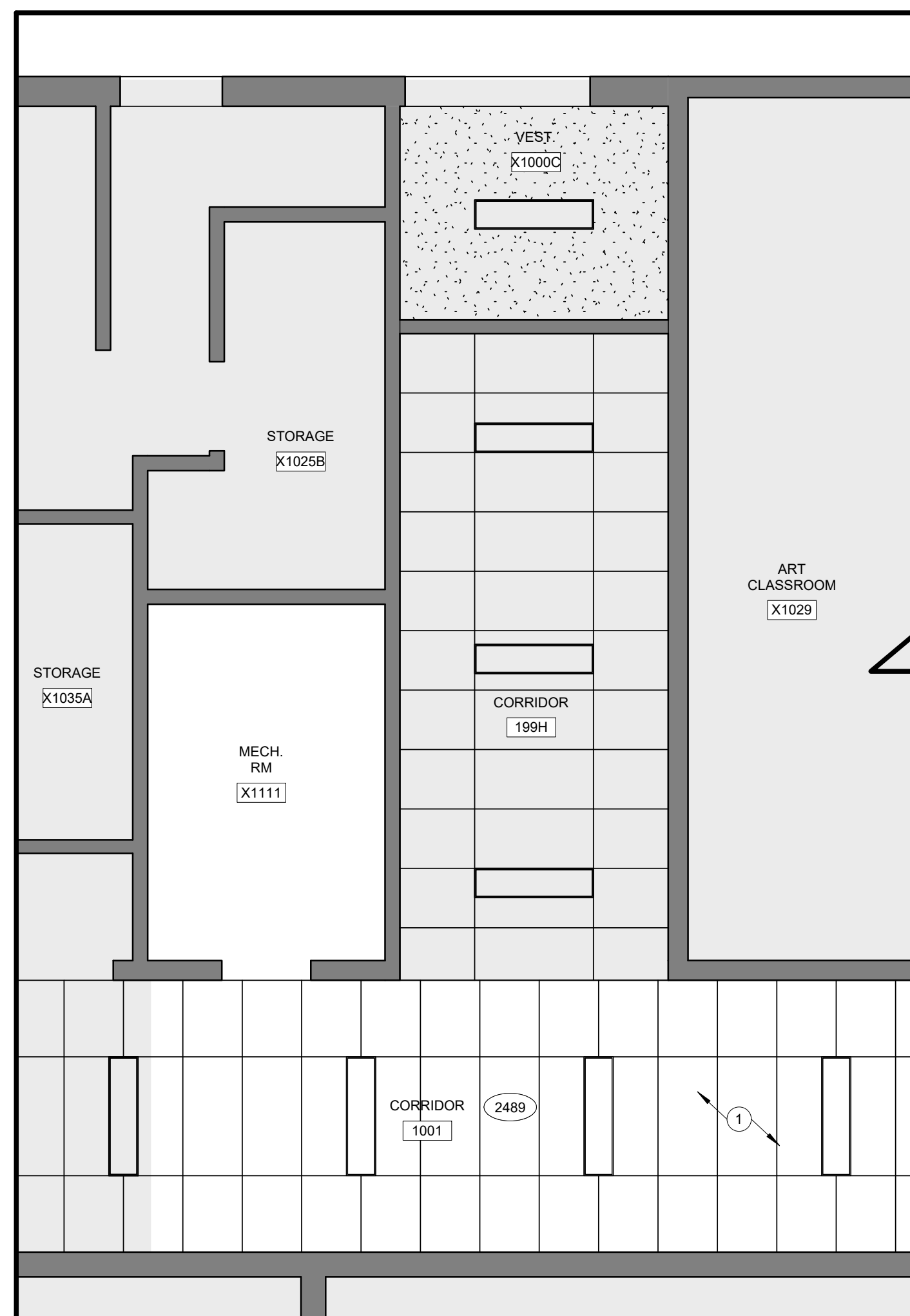
1. REINSTALL STORED EXISTING CEILING TILES AND LIGHTS AS REQUIRED FOR MECHANICAL WORK. REFER TO MECH. & ELEC. DWGS. CONTRACTOR TO REPLACE ANY DAMAGED TILES.
2. NEW GYPSUM BOARD BULKHEAD. TO MATCH EXISTING BULKHEAD HEIGHT IN CORRIDOR. TO BE COORDINATED ON SITE.
3. PROPOSED NEW GRID AND CEILING TILES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURES, ELECTRICAL AND MECHANICAL DEVICES.
4. PROPOSED NEW GYPSUM BOARD CEILING. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURES, ELECTRICAL AND MECHANICAL DEVICES.



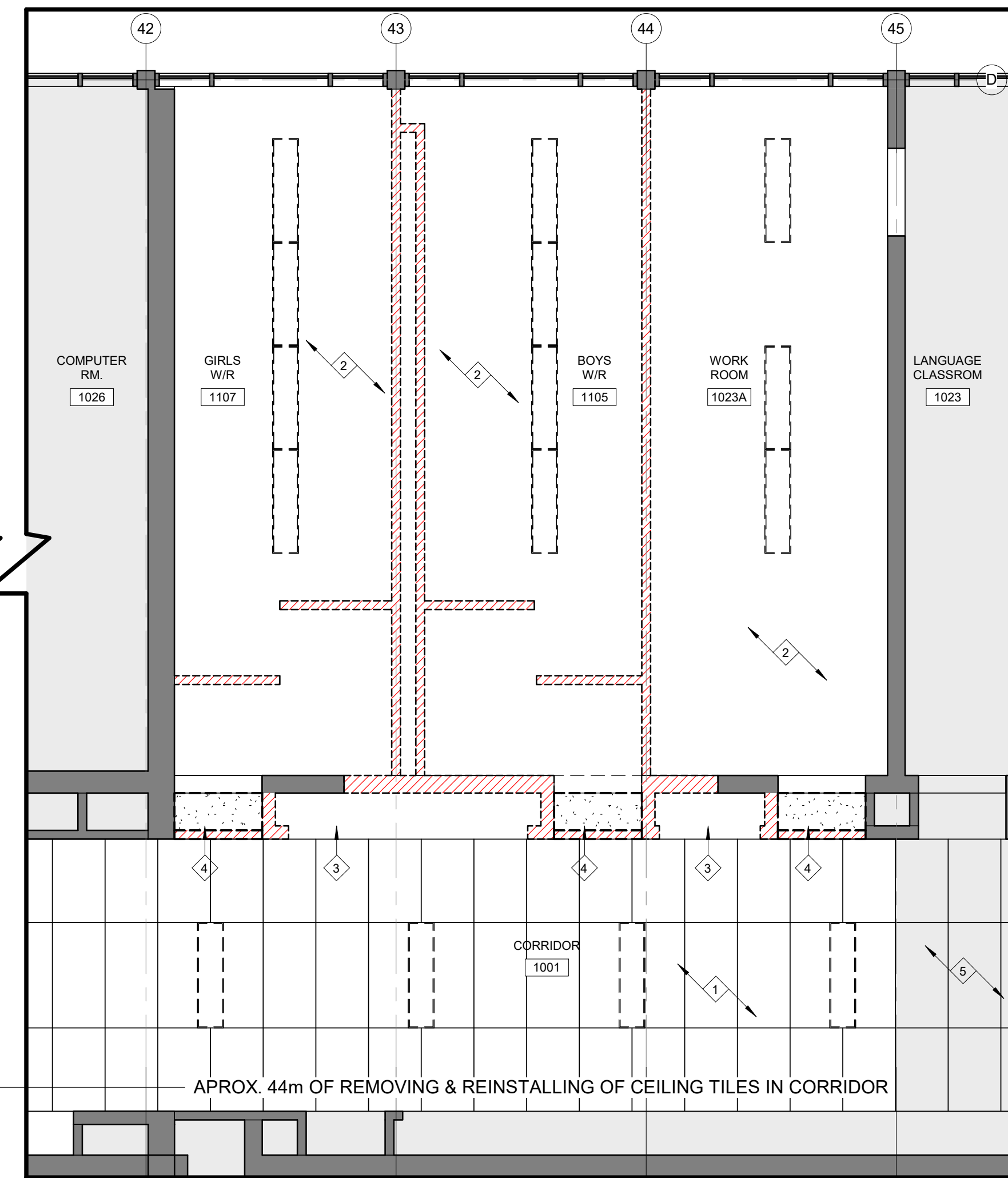
**4**  
A2.3  
CEILING DETAIL @ WASHROOM LOBBY 1107 ENTRANCE  
SCALE: 1:20



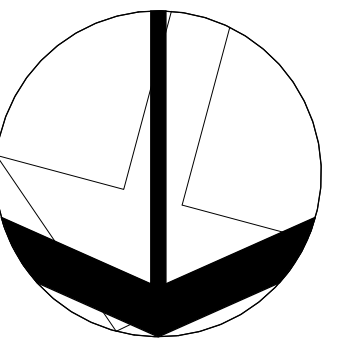
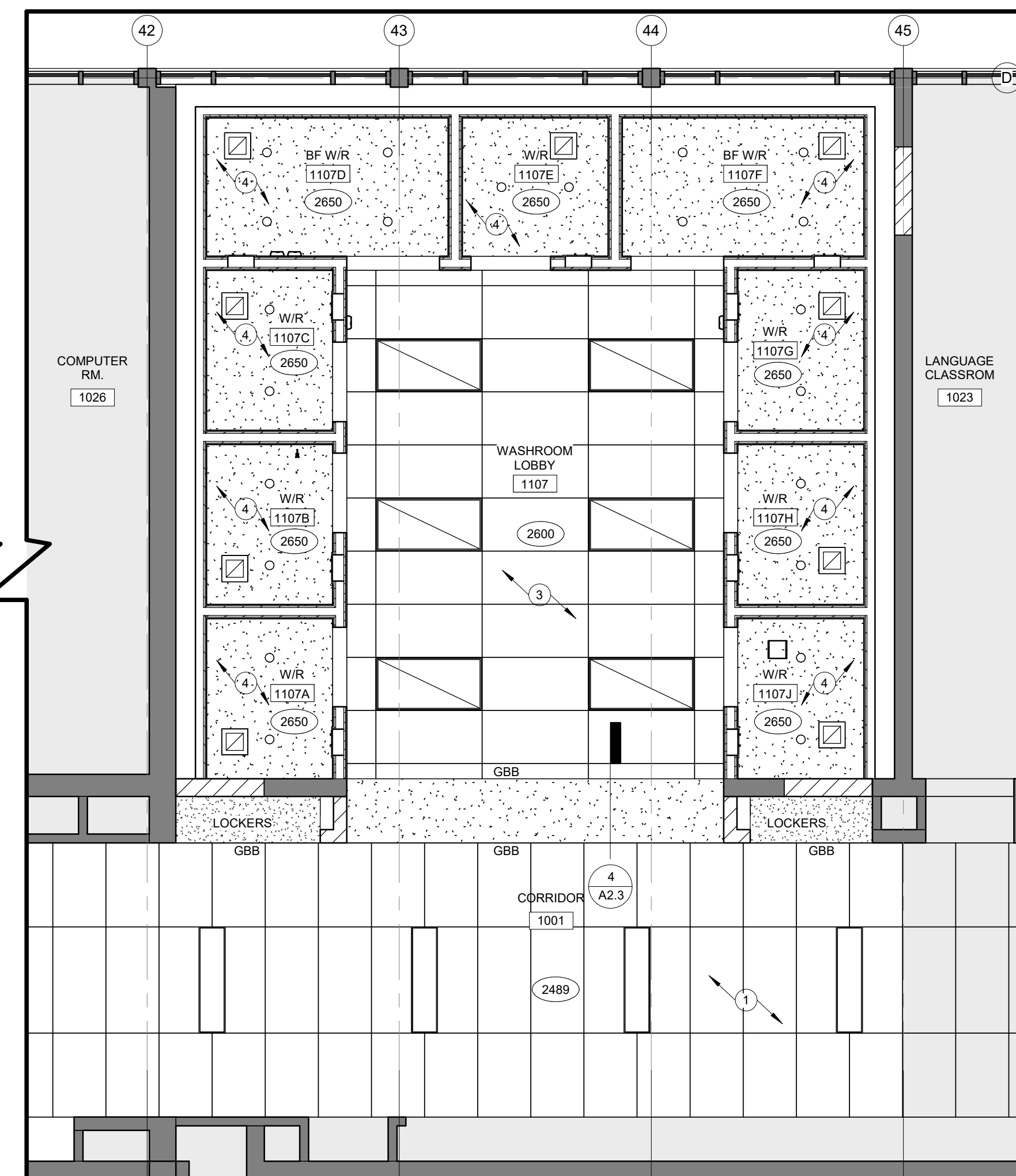
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A2.3  
DEMOLITION RCP - GIRLS & BOYS W/R AND WORK RM.  
SCALE: 1:50



**2**  
A2.3  
PROPOSED RCP - GIRLS & BOYS W/R AND WORK RM.  
SCALE: 1:50



APPROX. 44m OF REMOVING & REINSTALLING OF CEILING TILES IN CORRIDOR



**RCP LEGEND**

- LIGHT FIXTURE. REFER TO LIGHTING PLAN/LIGHTING SCHEDULE FOR TYPE
- ◻ FLUSH MOUNTED LIGHT FIXTURE. REFER TO LIGHTING PLAN/LIGHTING SCHEDULES FOR TYPE
- ▭ ACOUSTIC CEILING PANELS. REFER TO SPECIFICATIONS FOR DESCRIPTION OF TYPES
- ⊗ SUPPLY DIFFUSER
- ⊘ RETURN DIFFUSER
- RP RADIANT PANEL
- ▨ GYPSUM BOARD CEILING OF BULKHEAD
- ### CEILING HEIGHT FROM FINISHED FLOOR
- LF LIGHT FIXTURE
- GB GYPSUM BOARD
- GBB GYPSUM BOARD BULKHEAD
- ▨ RADIATOR. FOR TYPE AND MOUNTING SEE MECH. DWGS. REF. TO AD 900

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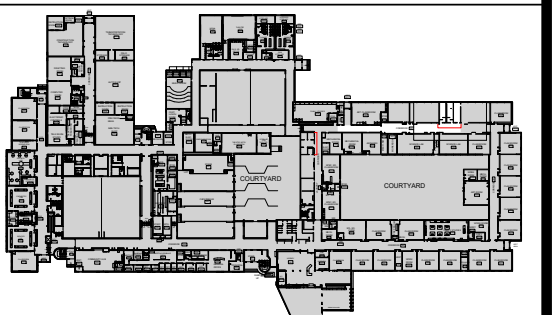
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AJAX HIGH SCHOOL

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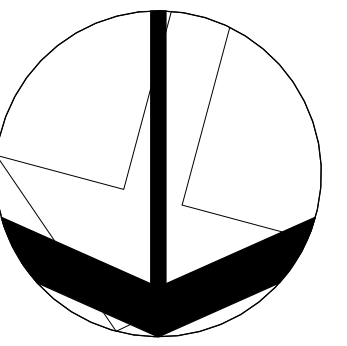
DEMOLITION & PROPOSED RCP - WASHROOM

**HOSSACK**  
ARCHITECTURE



105 - 1039 IRONDAL WAY  
OAKVILLE, ON L6H 3V8  
905-810-8104  
1001-1004

SCALE	As Indicated	PROJECT	26102
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**WALL & FLOOR HATCH LEGEND**

- EXISTING PORTION OF BUILDING NOT PART OF THIS RENOVATION
- AREA OF WORK
- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING TERRAZZO & COVE BASE TO BE CUT IN CORRIDOR. REFER TO DEMOLITION PLAN & NOTES
- EXISTING TERRAZZO FLOORING CONCRETE SLAB ON GRADE. SUB-BASE FLOOR FINISH TO BE REMOVED. REFER TO DEMOLITION PLANS & NOTES
- NEW GYPSUM BOARD WALL
- NEW BLOCK WALL
- NEW CONC. SLAB INFILL C/W SUBBASE AND NEW FLOOR FINISH. REFER TO STRUCT. DWGS.
- NEW TERRAZZO FLOOR & COVE BASE INFILL

**LEGEND:**

- TEMPORARY HOARDING

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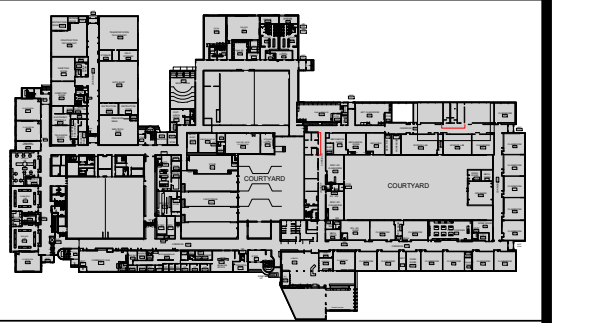
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**DEMOLITION & PROPOSED GROUND FLOOR PLAN & RCP**



105 - 1039 IRONDAL WAY  
OAKVILLE, ON L6H 3V8  
905-870-8084 [info@hossackarch.com](mailto:info@hossackarch.com)

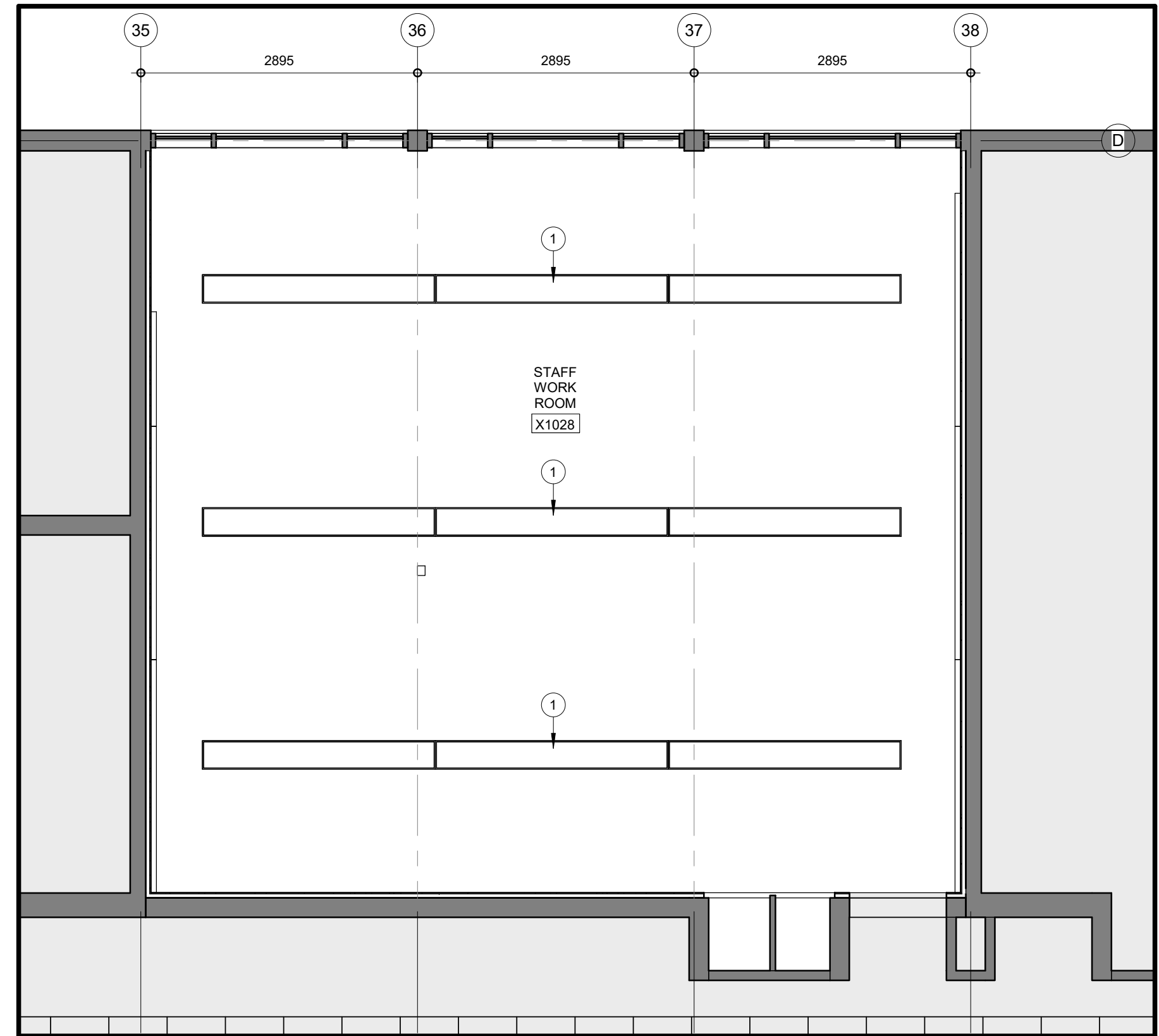
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PRINT DATE	2026-04-24 4:24:44 PM	REVIT FILE	T:\2015\121102\FRevit.rvt

- RCP LEGEND**
- LIGHT FIXTURE, REFER TO LIGHTING PLAN/LIGHTING SCHEDULE FOR TYPE
  - FLUSH MOUNTED LIGHT FIXTURE. REFER TO LIGHTING PLANS/LIGHTING SCHEDULES FOR TYPE
  - ACOUSTIC CEILING PANELS REFER TO SPECIFICATIONS FOR DESCRIPTION OF TYPES
  - SUPPLY DIFFUSER
  - RETURN DIFFUSER
  - RADIANT PANEL
  - GYPSUM BOARD CEILING OF BULKHEAD
  - CEILING HEIGHT FROM FINISHED FLOOR
  - LIGHT FIXTURE
  - GYPSUM BOARD
  - GYPSUM BOARD BULKHEAD
  - RADIATOR, FOR TYPE AND MOUNTING SEE MECH. DWGS. REF. TO AD 900

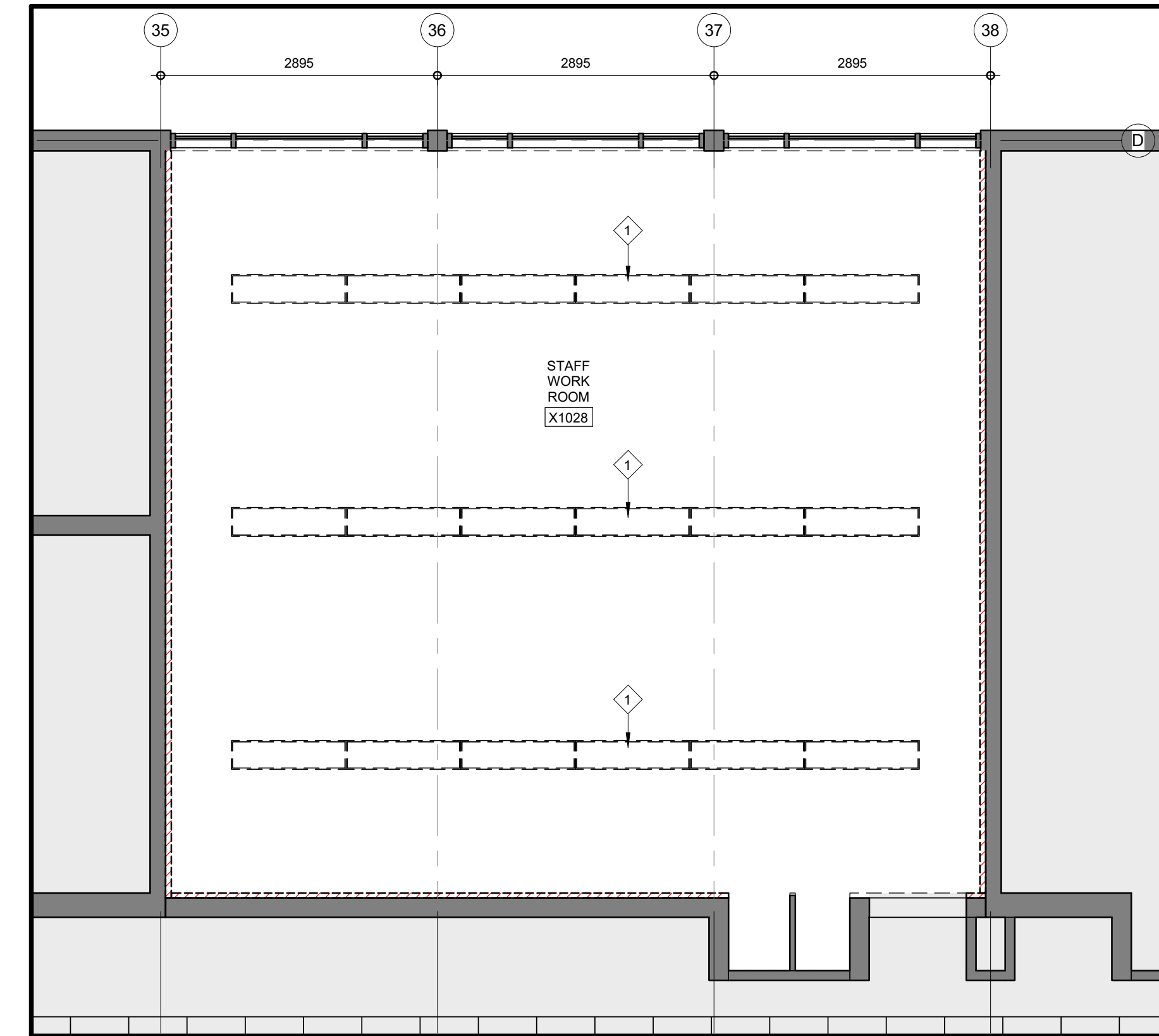
- GENERAL NOTES**
1. REFER TO MECHANICAL AND ELECTRICAL CEILING PLANS FOR NEW OR RE-USED MECHANICAL AND ELECTRICAL DEVICES / FIXTURES NOT SHOWN ON ARCHITECTURAL CEILING PLANS.
  2. PATCH AND MAKE GOOD ALL EXISTING WALLS TO REMAIN FROM CEILING DEMOLITION. REFER TO PROPOSED PLANS AND ROOM FINISH SCHEDULE.
  3. LIGHT FIXTURES GRILLES, DIFFUSERS, ETC. NOT SHOWN ON DEMOLITION REFLECTED CEILING PLAN WHERE ENTIRE EXISTING ASSEMBLY IS TO BE REMOVED. REFER TO DEMOLITION MECHANICAL AND ELECTRICAL DRAWINGS.
  4. CONTRACTOR TO INCLUDE DESIGNATED SUBSTANCE OR HAZARDOUS MATERIAL REMOVAL WHEN PRICING. CONTRACTOR TO REFER TO DSUB FOR DETAILS, AND LOCATIONS AS REQUIRED.

- DEMOLITION REFLECTIVE CEILING PLAN NOTES**
- 1 EXISTING SUSPENDED LIGHTS TO BE CAREFULLY REMOVED, REFER TO ELEC. DWGS.

- REFLECTED CEILING PLAN CONSTRUCTION NOTES**
- 1 PROPOSED NEW SUSPENDED LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURES AND ELECTRICAL DEVICES.



**4 PROPOSED RCP - STAFF WORK ROOM**  
SCALE: 1:50

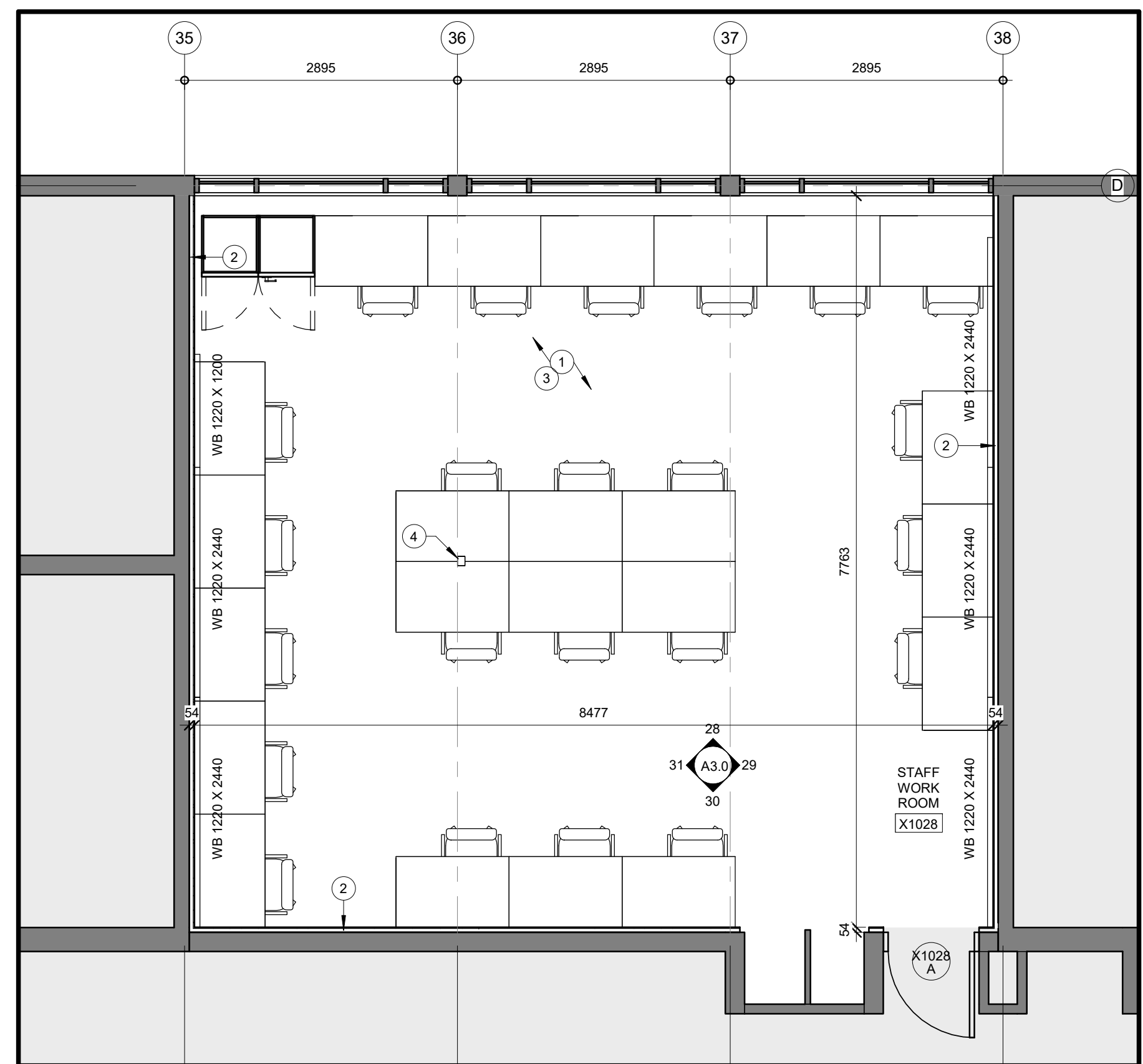


**3 DEMOLITION RCP - STAFF WORK ROOM**  
SCALE: 1:50

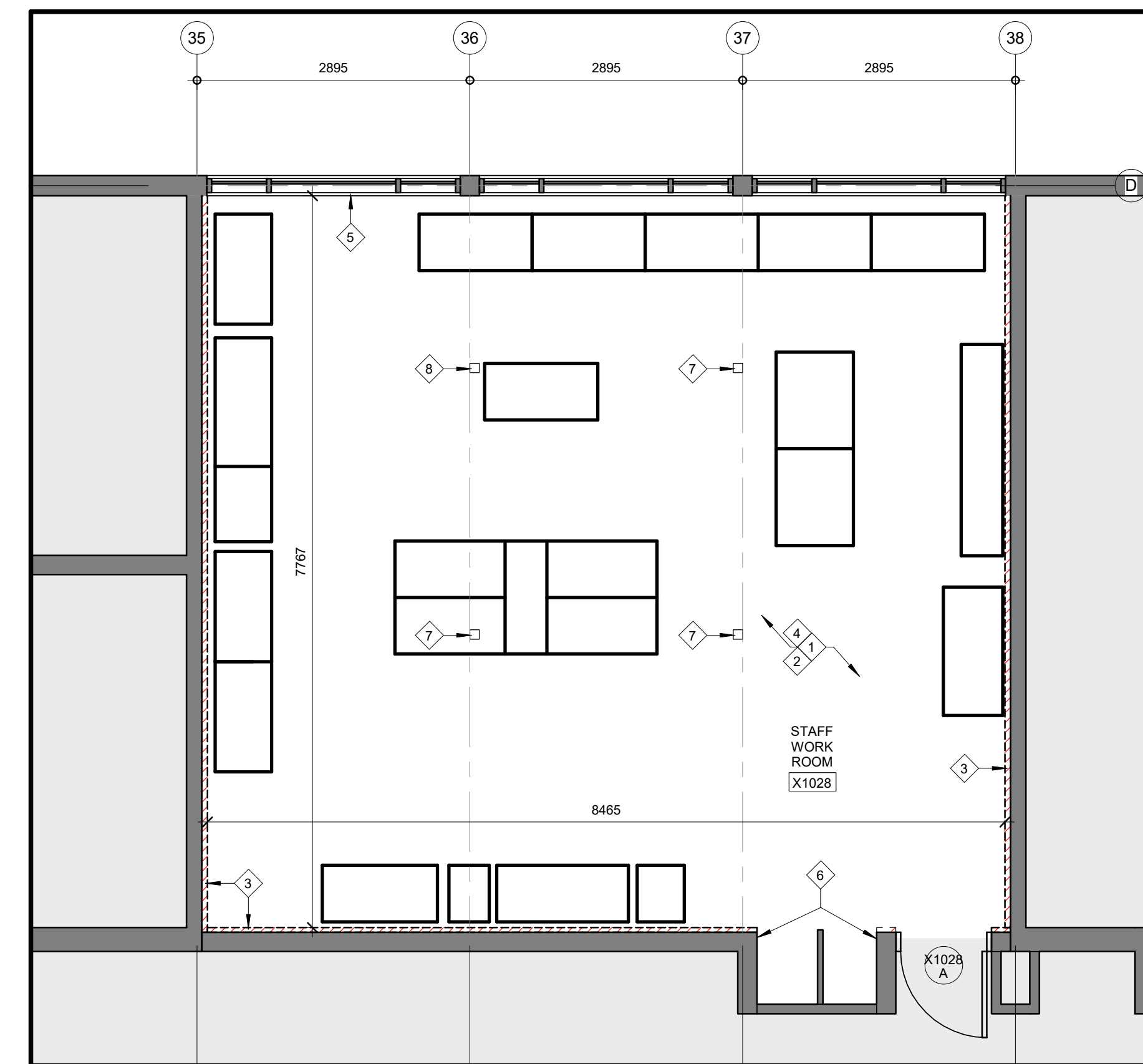
- GENERAL DEMOLITION NOTES**
1. REMOVE MECH / ELEC DEVICE, FITMENT, FIXTURE, ETC. REFER TO MECHANICAL AND ELECTRICAL DWGS AND DIV. 15 & 16 FOR INSTRUCTION. PATCH AND MAKE GOOD CONC. BLK. WALL AS REQUIRED FOR NEW FINISHES. REFER TO PROPOSED FLOOR PLAN AND ROOM FINISH SCHEDULE.
  2. CONTRACTOR TO INCLUDE DESIGNATED SUBSTANCE OR HAZARDOUS MATERIAL REMOVAL WHEN PRICING. CONTRACTOR TO REFER TO DSUB FOR DETAILS, AND LOCATIONS AS REQUIRED.

- DEMOLITION NOTES**
- 1 REMOVE EXISTING VCT AND BASE (CONTAINING ASBESTOS). CONTRACTOR TO INCLUDE ASBESTOS REMOVAL WHEN PRICING AND REFER TO DSUB FOR DETAILS. PATCH AND MAKE GOOD EXISTING SUBFLOOR TO ACCEPT NEW FLOORING TO SATISFACTION OF FLOORING SUBTRADE. PATCH AND MAKE GOOD WALLS TO REMAIN FOR NEW FINISHES.
  - 2 REMOVE ALL EXISTING MILLWORK INCLUDING BUT NOT LIMITED TO UPPER AND LOWER CABINETS, BOOKSHELVES, DESKS, MISC. ITEMS, ETC., IN THE ENTIRE ROOM.
  - 3 CAREFULLY REMOVE EXISTING ACOUSTIC PANELS (CONTAINING ASBESTOS). CONTRACTOR TO INCLUDE ASBESTOS REMOVAL WHEN PRICING AND REFER TO DSUB FOR DETAILS. GYPSUM BOARD, STRAPPING, CHALK & TACK BOARDS, VERTICAL WOOD PANNELLING AND WOOD BASE. EXPOSING EXISTING LWB (LIGHT WEIGHT BLOCK WALL). PATCH AND PREPARE EXISTING LWB WALL FOR NEW FINISH. REFER TO PROPOSED DWGS., ROOM FINISH SCHEDULE AND SPECS AS REQUIRED.
  - 4 EXISTING VCT FLOORING (CONTAINING ASBESTOS). CONTRACTOR TO INCLUDE ASBESTOS REMOVAL WHEN PRICING AND REFER TO DSUB FOR DETAILS.
  - 5 EXISTING WALL TO REMAIN, PROTECT DURING CONSTRUCTION.
  - 6 EXISTING TEACHERS CLOSET MILLWORK TO REMAIN IN THIS AREA. PATCH AND REPAIR, IF DAMAGED DURING CONSTRUCTION.
  - 7 DEMOLISH EXISTING POLE PAC. REFER TO ELEC. DWGS. FOR ASSOCIATED REMOVAL.
  - 8 RELOCATE EXISTING POLE PAC. REFER TO PROPOSED PLANS. REFER TO ELEC. DWGS. AS REQUIRED.

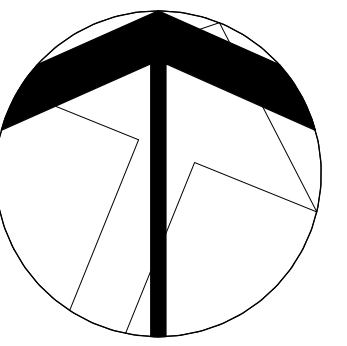
- CONSTRUCTION NOTES**
- DRAWINGS TO BE READ IN CONJUNCTION WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.  
CONSTRUCTION NOTES TO BE READ IN CONJUNCTION WITH PROPOSED ELEVATIONS.
- 1 NEW VCT FLOORING. REFER TO ROOM FINISH SCHEDULE FOR NEW FLOOR AND BASE FINISH AS REQUIRED.
  - 2 NEW GYPSUM BOARD ON STRAPPING AGAINST EXISTING BLOCK WALL. WALL TO CONTINUE FROM FLOOR TO UNDERSIDE OF EXISTING DECKING.
  - 3 PAINT WALLS. REFER TO FINISH SCHEDULE.
  - 4 RELOCATED POLE PAC. TO THE MIDDLE OF THE ROOM, ALONG EXISTING GLULUM BEAM ON GRIDLINE 36. REFER TO ELEC. DWGS. AS REQUIRED.



**2 PROPOSED GROUND FLOOR - STAFF WORK ROOM**  
SCALE: 1:50



**1 DEMOLITION GROUND FLOOR - STAFF WORK ROOM**  
SCALE: 1:50



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CERTIFICATE OF PRACTICE #4292

AJAX HIGH SCHOOL

105 Bayly St. E, Ajax, ON  
L1S 1P2



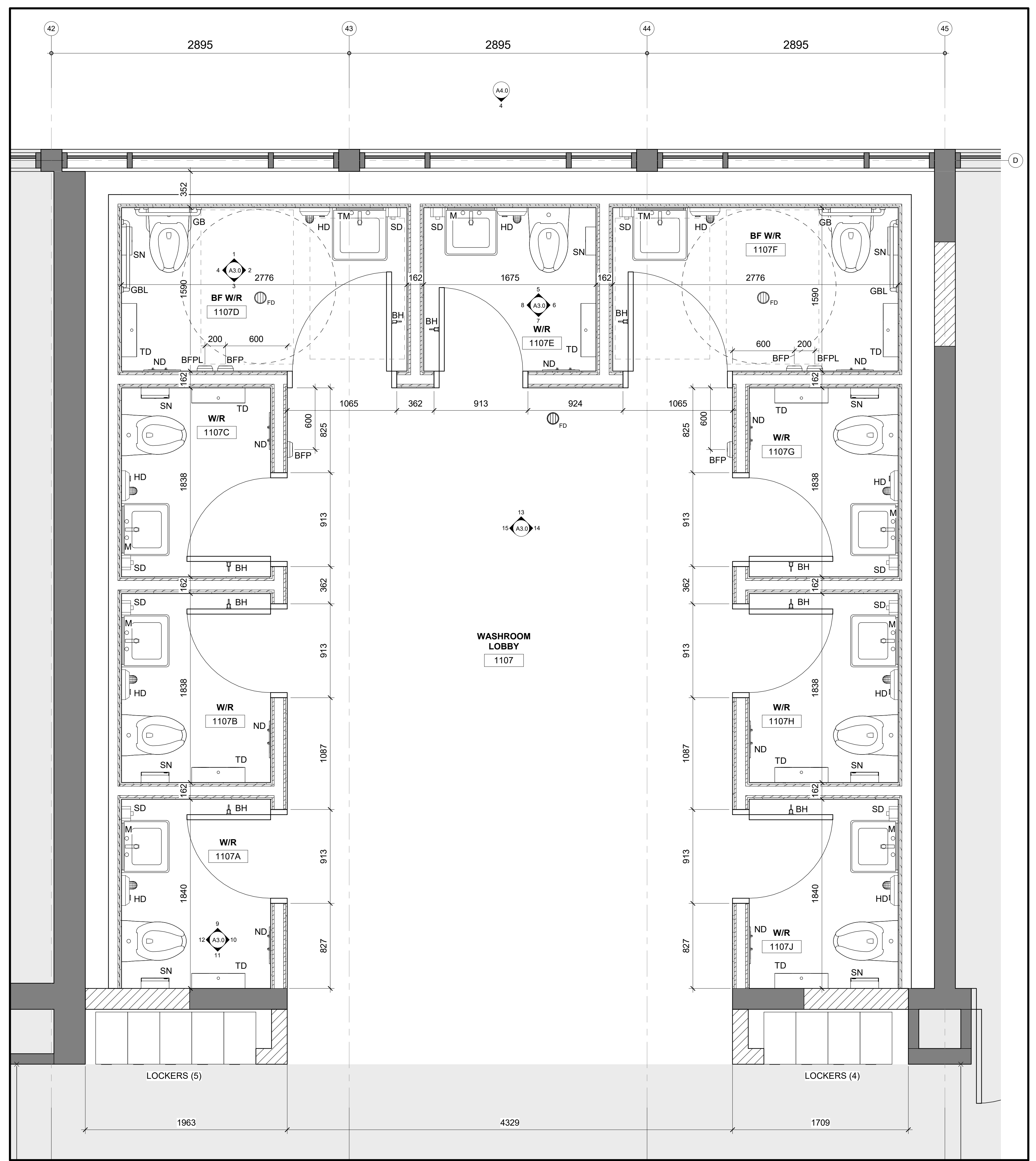
ENLARGED PLANS  
GROUND FLOOR  
WASHROOMS

**HOSSACK**  
ARCHITECTURE

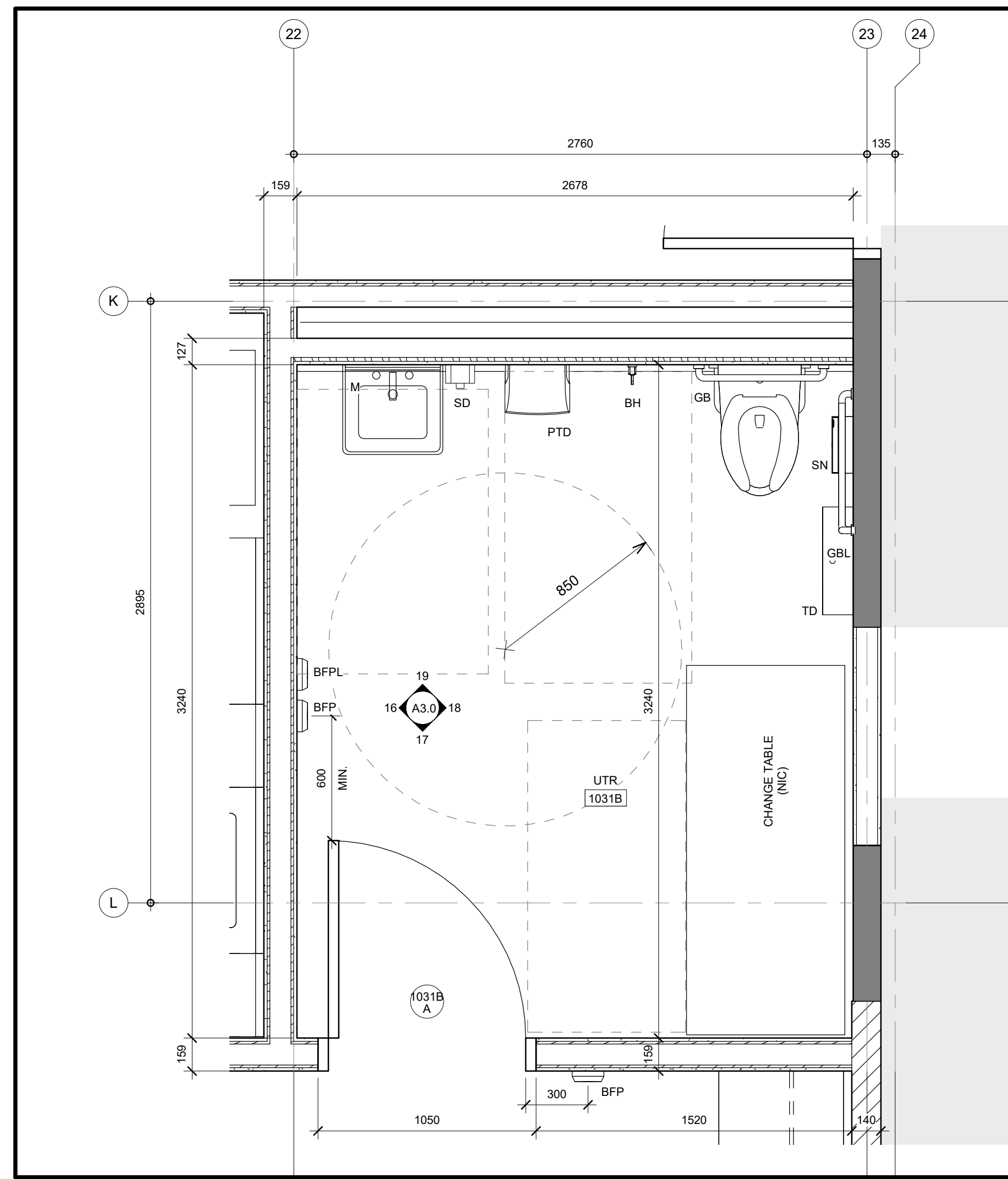


105 - 1039 IRONDAL WAY  
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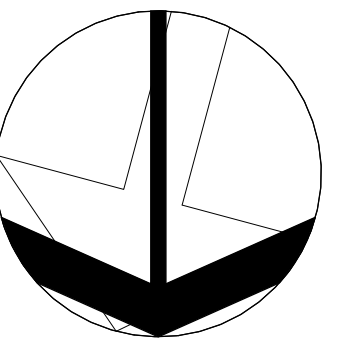
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1 ENLARGED GROUND FLOOR PLAN - WASHROOMS  
SCALE: 1:20

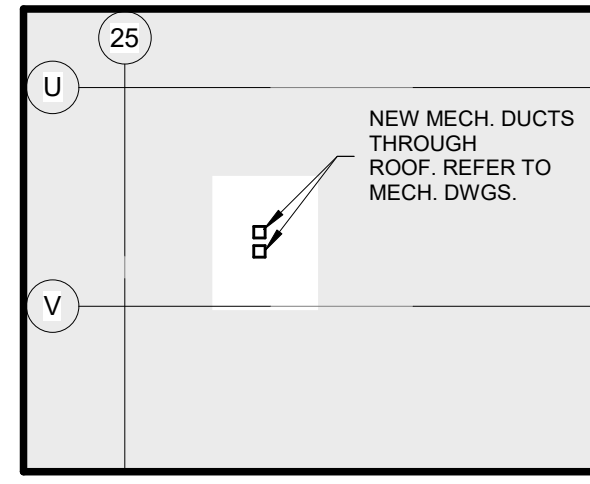


2 ENLARGED GROUND FLOOR PLAN - PLP UTR  
SCALE: 1:20

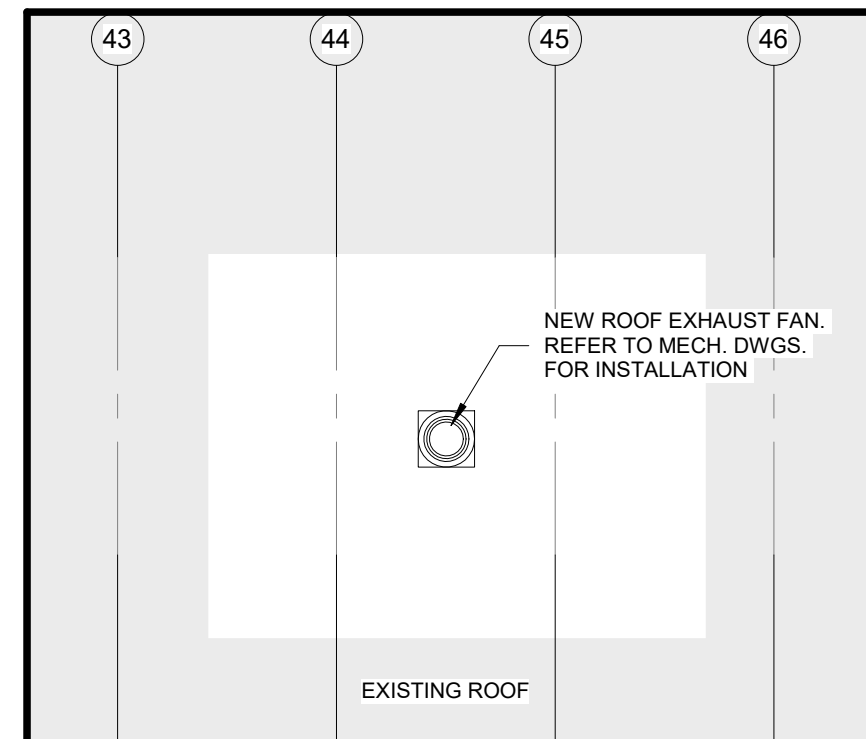


**DEMOLITION NOTES - ROOF PLAN**

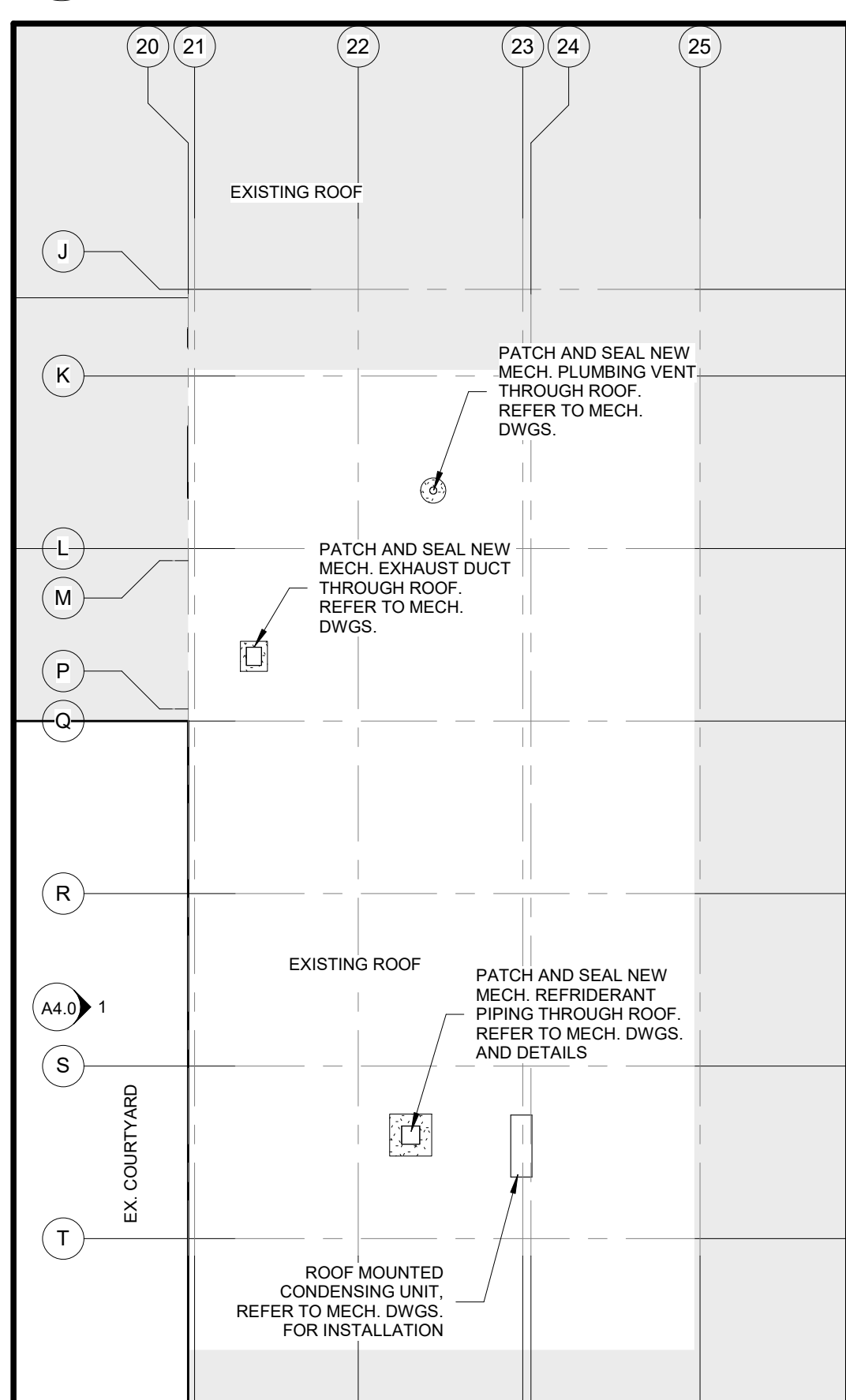
- ⬠ R1 PROPOSED OPENING IN ROOF FOR MECH. REFER TO MECH. DWGS.
- ⬠ R2 NEW ROOF MOUNTED CONDENSING UNIT. REFER TO MECH. DWGS. FOR INSTALLTION
- ⬠ R3 CAREFULLY REMOVE EXISTING ROOF TOP FAN. EXISTING OPENING AND CURB TO REMAIN FOR NEW FAN INSTALLATION. REFER TO MECH. DWGS FOR ASSOCIATED REMOVAL.
- ⬠ R4 EXISTING ROOF ASSEMBLY TO BE CUT BACK FOR NEW MECH. THROUGH ROOF. PATCH AND INFILL TO MATCH EXISTING ROOFING. REFER TO MECH. DRAWINGS.



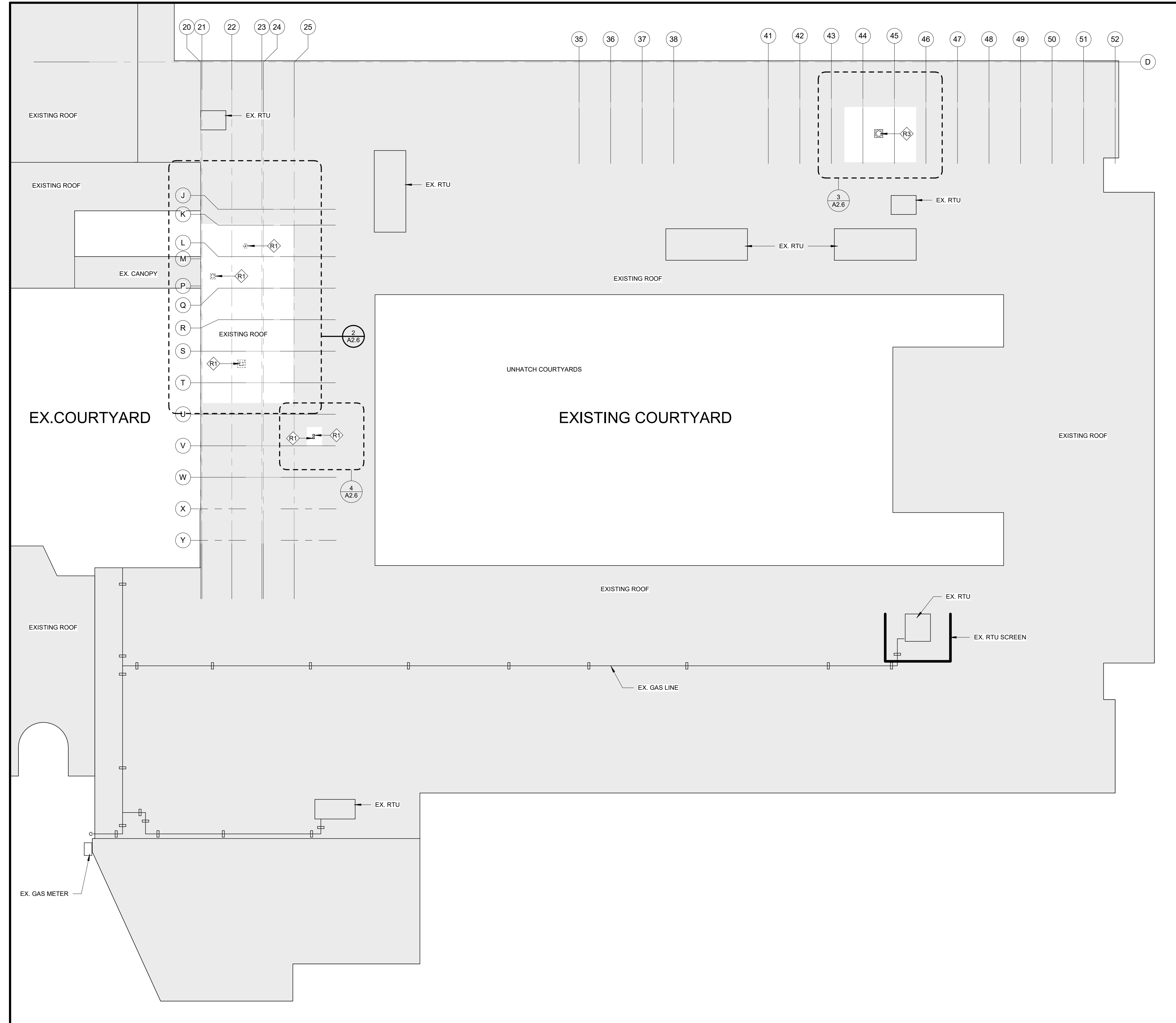
**4 ENLARGED EXISTING ROOF PLAN - PROPOSED AREA 3**  
SCALE: 1:100  
A2.6



**3 ENLARGED EXISTING ROOF PLAN - PROPOSED AREA 2**  
SCALE: 1:100  
A2.6



**2 ENLARGED EXISTING ROOF PLAN - PROPOSED AREA 1**  
SCALE: 1:100  
A2.6



**1 PARTIAL EXISTING ROOF PLAN - DEMOLITION**  
SCALE: 1:200  
A2.6

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**AJAX HIGH SCHOOL**

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**DEMOLITION & PROPOSED PARTIAL & ENLARGED ROOF PLANS**

**HOSSACK ARCHITECTURE**



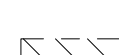


105 - 1039 IRONDAL WAY  
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PRINT DATE	2026-04-24 4:26:24 PM	REVISION	13/20151212/02/Rev1 RVT



**LEGEND:**

-  EXISTING WINDOWPANE AND SPANDREL PANELS TO BE REPLACED WITH INSULATED SPANDREL PANELS. REFER TO SPECS. AS REQUIRED.
-  EXISTING WINDOW TO BE REPLACED WITH ALUMINUM SIDING PANELS. REFER TO SPECS. AS REQUIRED.
-  CAREFULLY REMOVE EX. MASONRY WALL AND PREPARE OPENING FOR NEW DOOR AND SCREEN
- EX.SP EXISTING SPANDREL
- SP NEW INSULATED SPANDREL PANELS. REFER TO SPECS.

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NO	ISSUED	DATE

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CERTIFICATE OF PRACTICE #4292

**AJAX HIGH SCHOOL**

105 Bayly St. E, Ajax, ON L1S 1P2



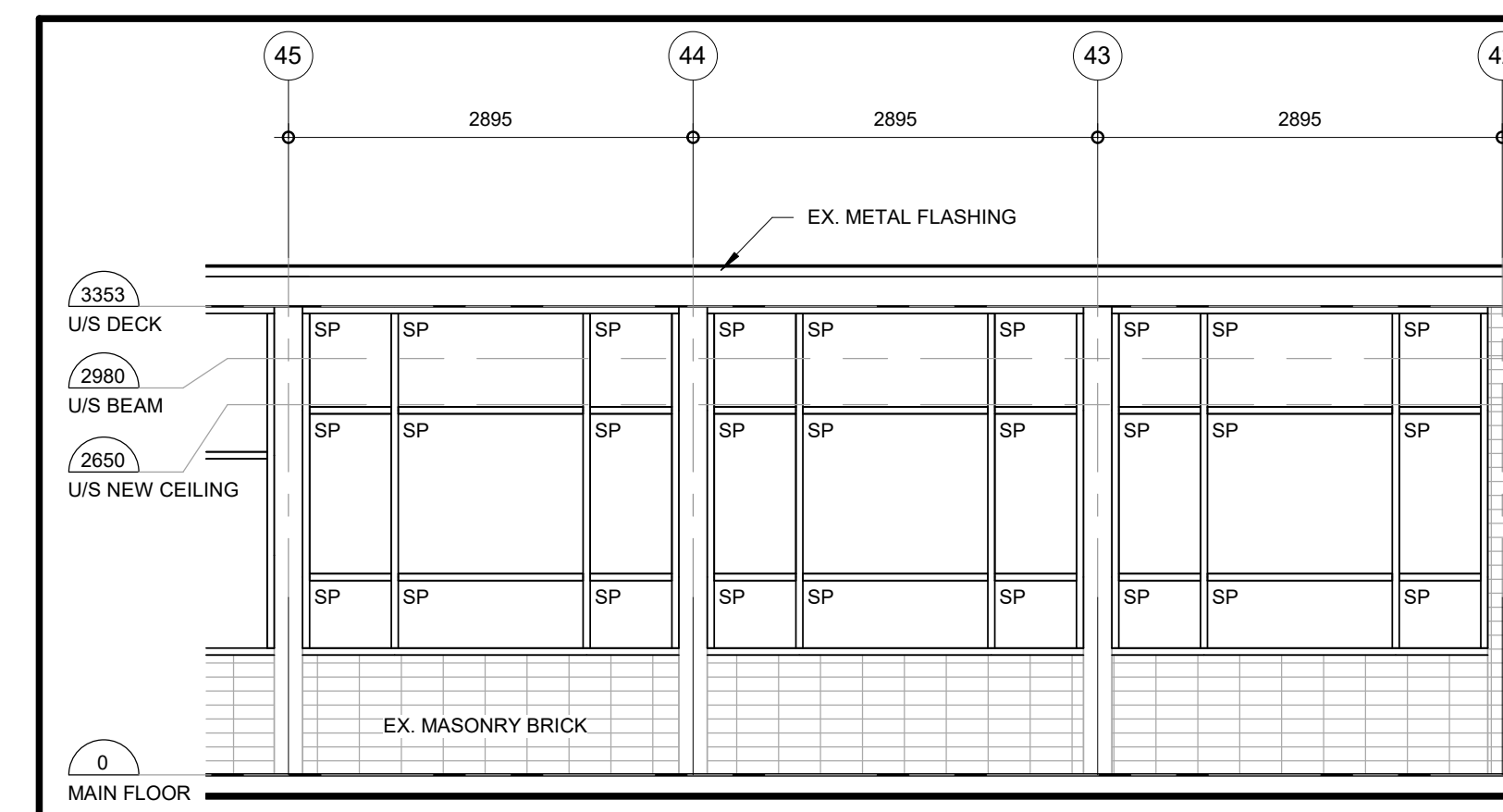
**EXTERIOR ELEVATIONS**

**HOSSACK ARCHITECTURE**

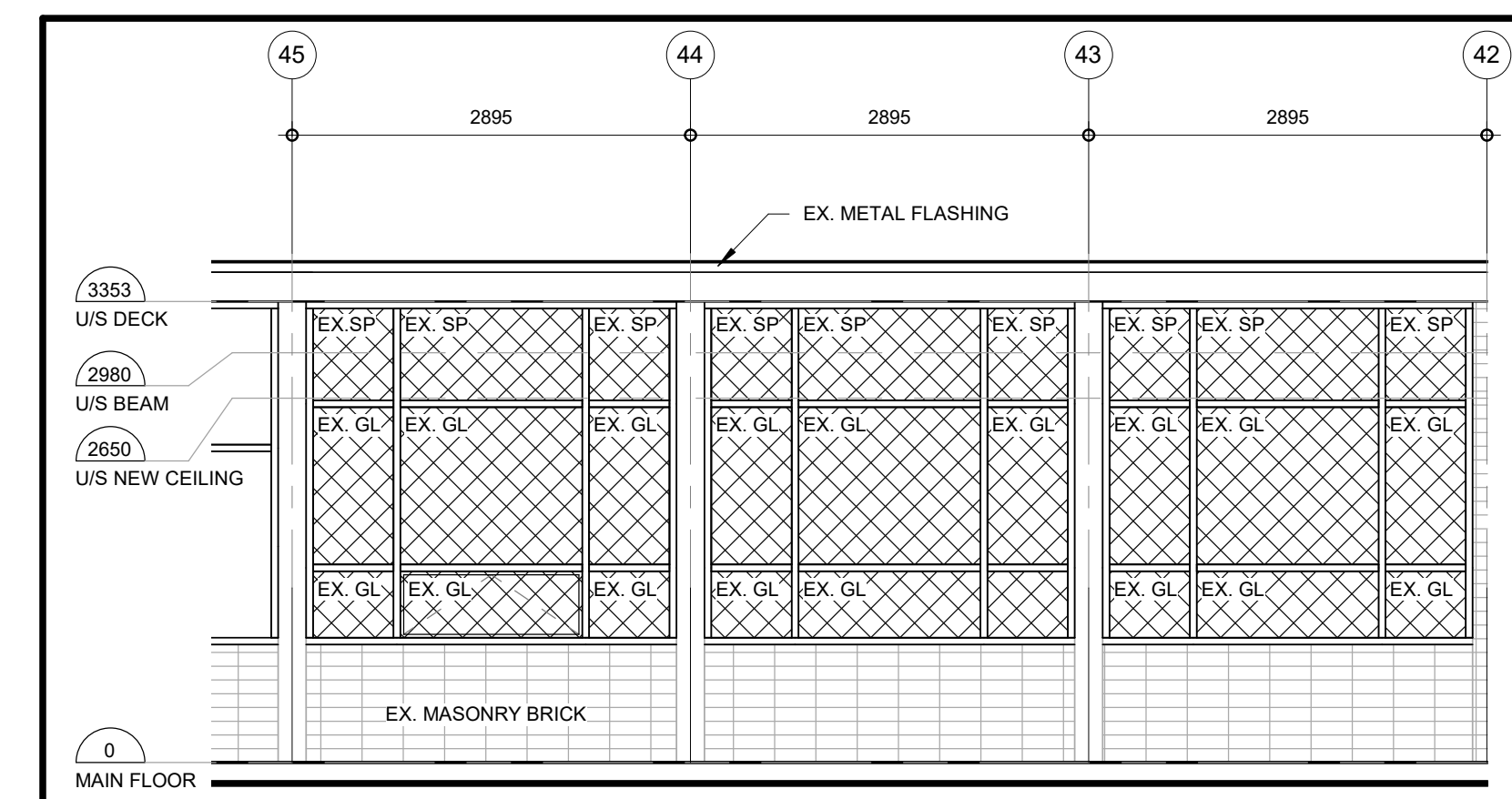


105 - 1039 IRONDAL WAY  
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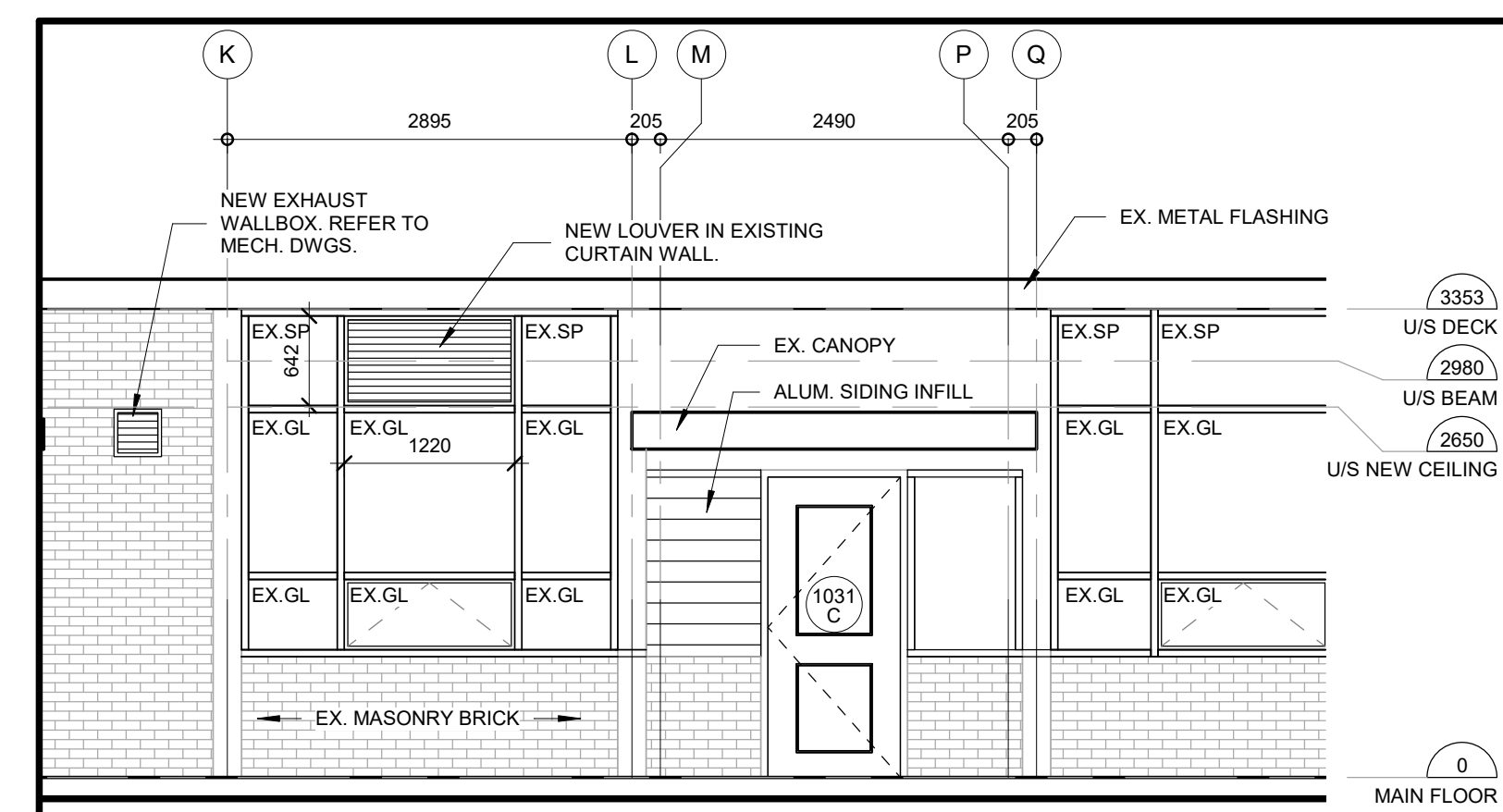
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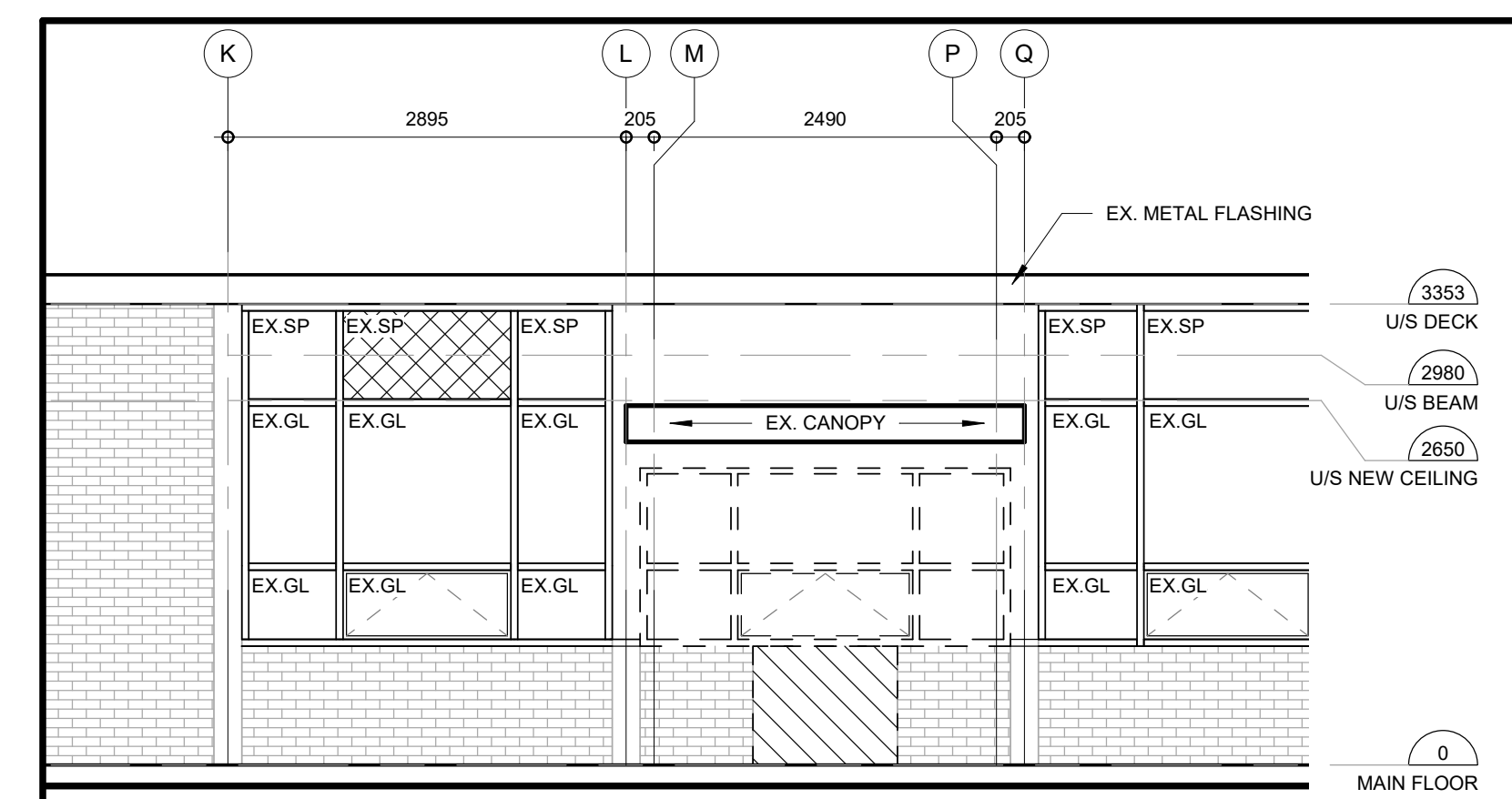
**4 PARTIAL EXTERIOR ELEVATION - WASHROOM**  
SCALE: 1:50



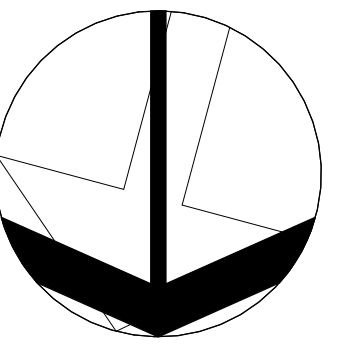
**3 PARTIAL EXTERIOR ELEVATION - WASHROOM DEMOLITION**  
SCALE: 1:50



**2 PARTIAL EXTERIOR ELEVATION - PLP AREA**  
SCALE: 1:50



**1 PARTIAL EXTERIOR ELEVATION - PLP AREA DEMOLITION**  
SCALE: 1:50



**LEGEND**

REFER TO SPECIFICATIONS AND ROOM FINISH SCHEDULE. ROOMS NOT ILLUSTRATED ON THIS PLAN HAVE NO PATTERN.

- SHEET FLOORING
  - SF
- PORCELAIN TILE
  - POR.1
- VCT FLOORING
  - VCT
- TERRAZZO FLOORING
  - CJ - CONTROL JOINT

NO	ISSUE FOR TENDER	DATE
01	ISSUED	26/04/28

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CERTIFICATE OF PRACTICE #4292

**AJAX HIGH SCHOOL**

105 Bayly St. E, Ajax, ON L1S 1P2

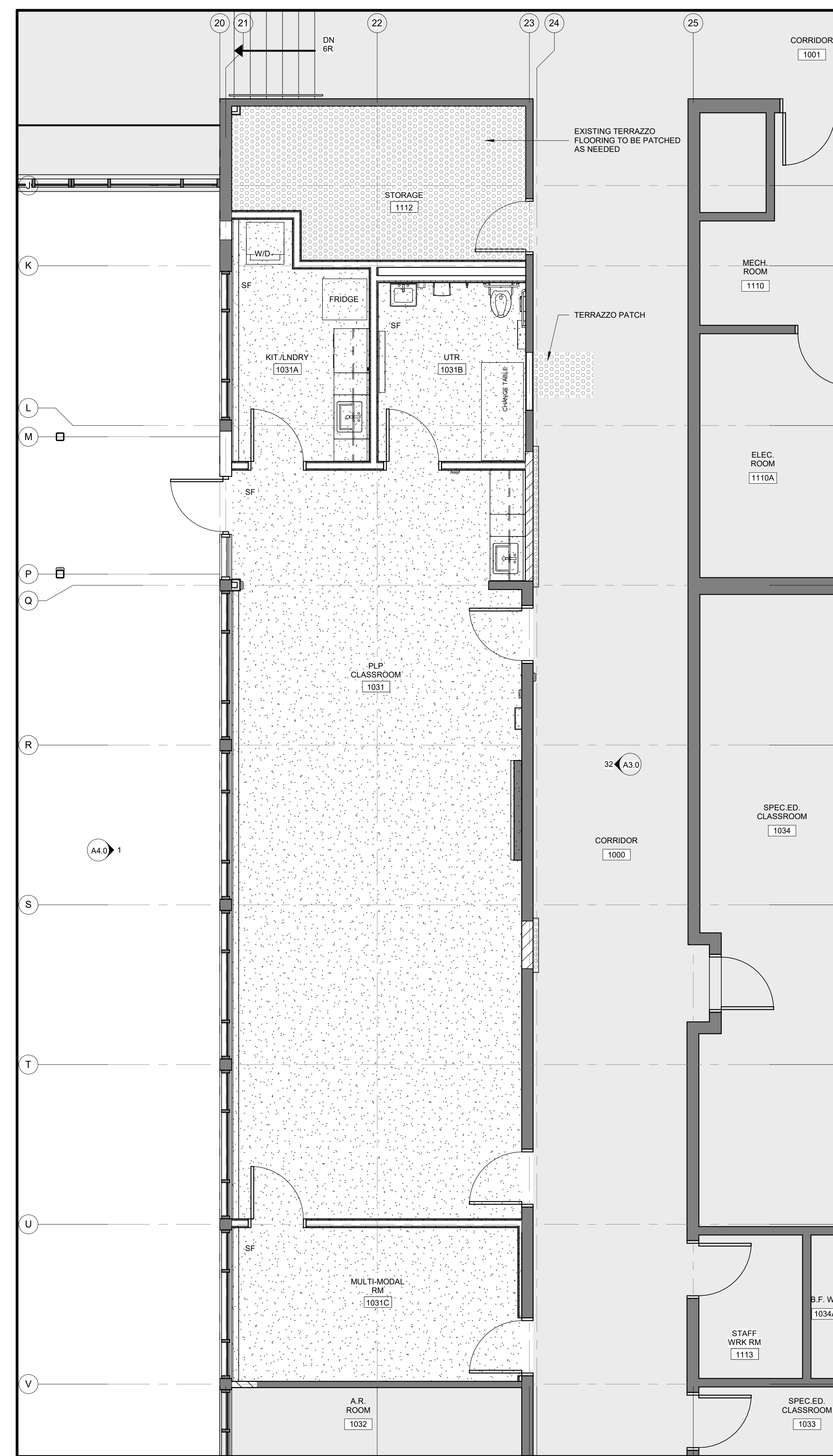


**FLOOR PATTERN PLANS**

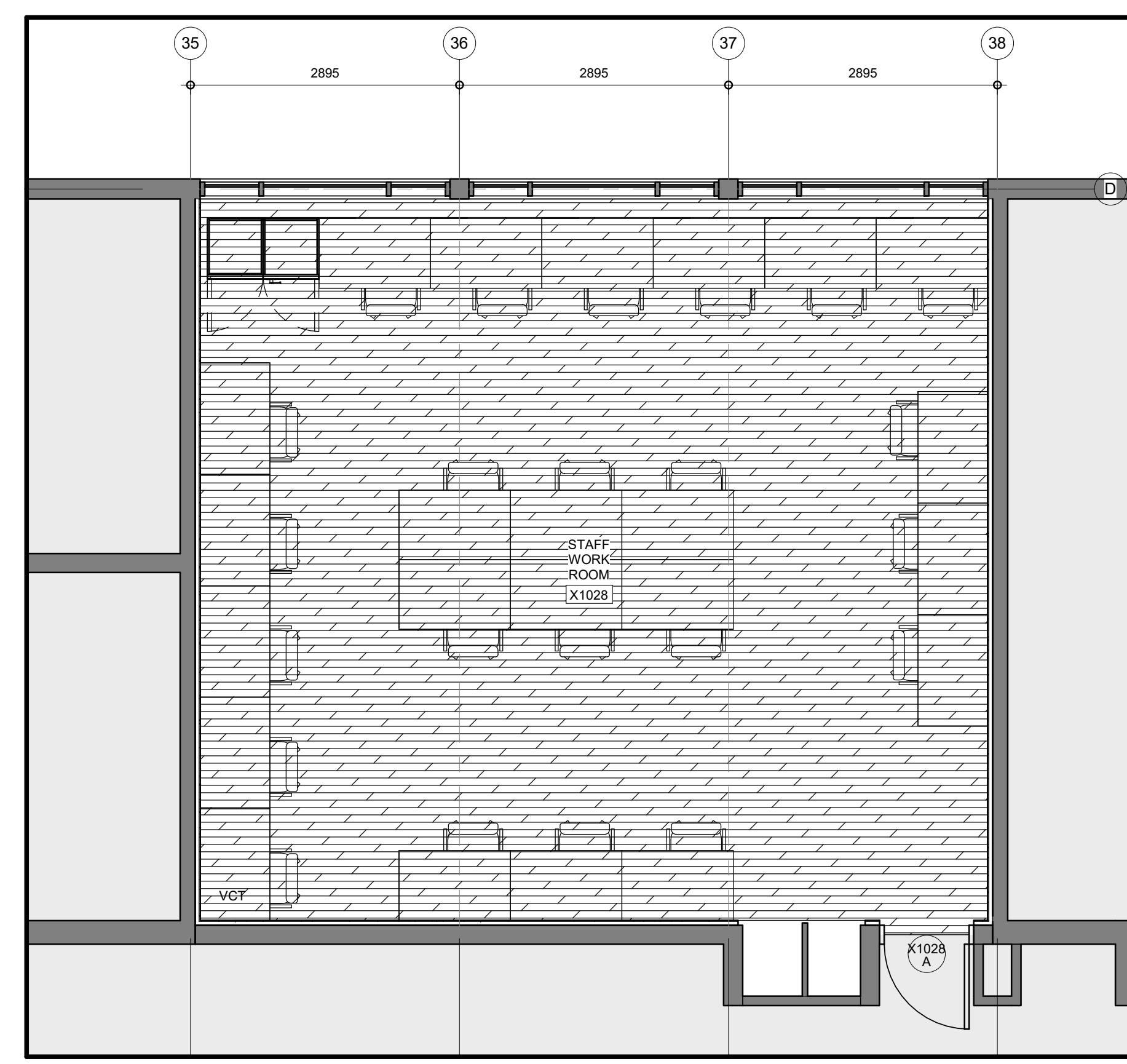


105 - 1039 IRONDAL WAY  
OAKVILLE, ON L6H 3V8  
905-832-8888

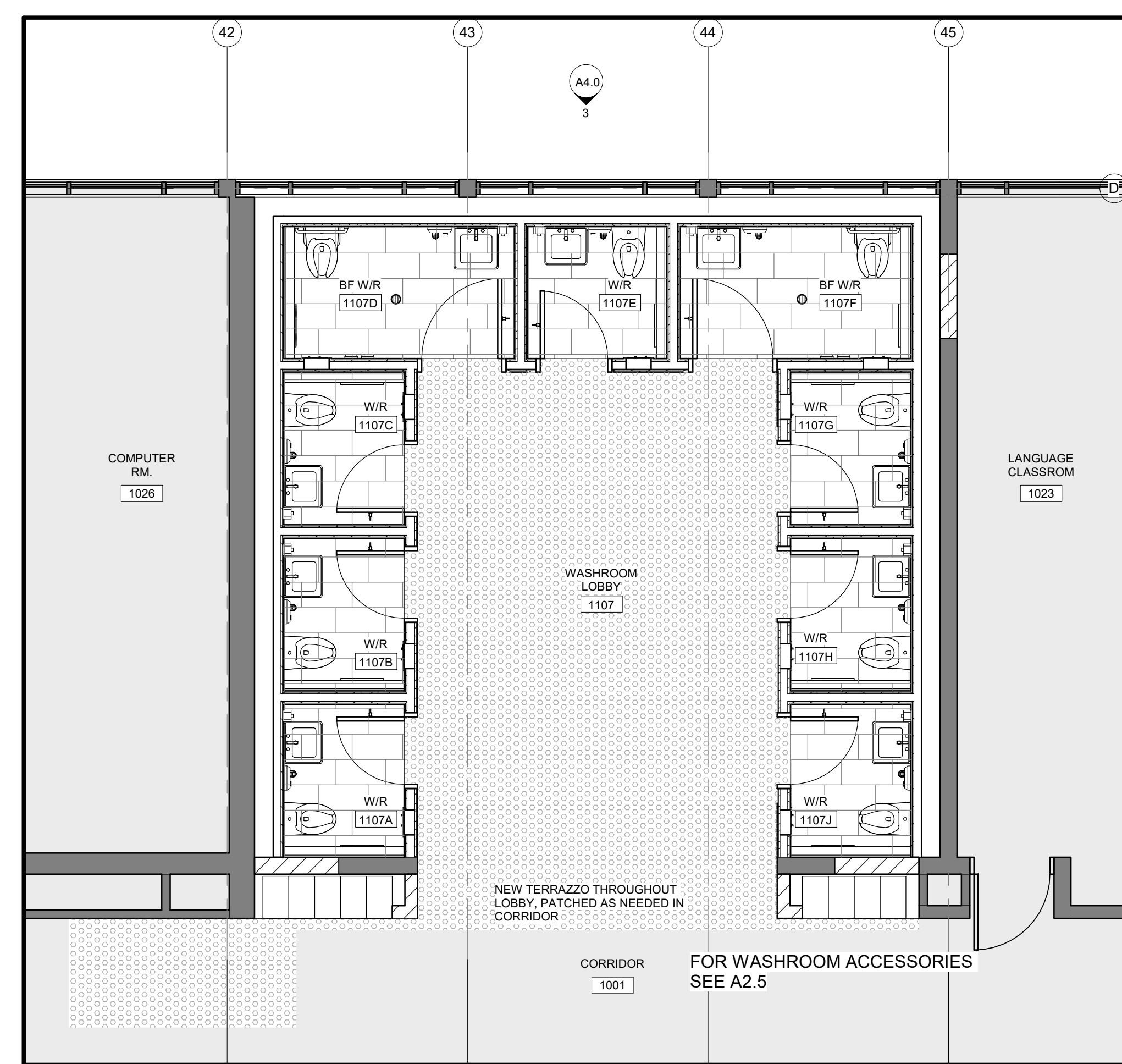
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**1 PARTIAL GROUND FLOOR PLAN - PLP FLOOR PATTERN**  
SCALE: 1:50



**3 PARTIAL GROUND FLOOR PLAN - STAFF WORK ROOM FLOOR PATTERN**  
SCALE: 1:50



**2 PARTIAL GROUND FLOOR PLAN - WASHROOM FLOOR PATTERN**  
SCALE: 1:50

**GENERAL NOTES**

- CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS. INCLUDING BUT NOT LIMITED TO, DRAWINGS PREPARED BY ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
- THE DESIGN LIVE LOADS ARE INDICATED ON THE DRAWINGS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LIVE LOADS.
- THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER.
- CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITION DETAILS.
- REFER TO OTHER CONSULTANT DRAWINGS FOR DETAILS OF OPENINGS, PITS, CHAMFERS, AND DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.
- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS, AND GOOD CONSTRUCTION PRACTICES.
- THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
- CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.
- KALOS ENGINEERING INC. PROVIDES GENERAL CONFORMANCE REVIEW ONLY FOR THE WORK SHOWN ON THESE DRAWINGS. THIS REVIEW IS A PERIODIC REVIEW TO ASCERTAIN THAT THE WORK IS IN GENERAL CONFORMANCE WITH THE PLANS AND SUPPORTING DOCUMENTS PREPARED BY KALOS ENGINEERING INC. THE CONTRACTOR SHALL COORDINATE FIELD REVIEWS WITH KALOS ENGINEERING INC. PRIOR TO CONCLUDING THE STRUCTURAL COMPONENTS AS SHOWN ON THESE DRAWINGS. PROVIDE 48 HOURS ADVANCE NOTICE OF EACH REQUIRED FIELD REVIEW. REVIEW BY KALOS ENGINEERING INC. DOES NOT MAKE US GUARANTORS OF THE CONTRACTOR'S WORK. IT REMAINS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT THE WORK IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.
- THE USE OF THESE DRAWINGS IS LIMITED TO THAT IDENTIFIED IN THE REVISIONS COLUMN. DO NOT CONSTRUCT FROM THESE DRAWINGS UNLESS MARKED "ISSUED FOR CONSTRUCTION" IN THE REVISIONS COLUMN BY KALOS ENGINEERING INC. THE DRAWINGS SHALL NOT BE USED FOR TENDER UNLESS SO INDICATED IN THE REVISION COLUMN.
- REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PRECISE LOCATIONS AND ASSEMBLY TYPES OF REQUIRED FIRE RESISTANCE RATINGS. ALL ENGINEERED PRODUCTS SHALL ACCOUNT FOR APPLICABLE LOAD-RESTRICTED ASSEMBLIES.
- DO NOT CUT OR DRILL ANY OPENINGS IN STRUCTURAL MEMBERS OR ELEMENTS WITHOUT WRITTEN CONSENT OF KALOS ENGINEERING INC.

**MASONRY NOTES**

- ALL STRUCTURAL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD S304.1. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD A371 AND ALL MASONRY CONNECTORS, REINFORCING, AND TYING SHALL BE IN ACCORDANCE WITH CSA A370. ALL MORTAR AND GROUT SHALL BE IN ACCORDANCE WITH A179.
- ALL CONCRETE BLOCKS SHALL BE NORMAL WEIGHT TYPE H15/A/M UNLESS NOTED OTHERWISE. MORTAR SHALL BE TYPE S FOR LOBBEARING MASONRY AND TYPE N FOR NON-LOADBEARING MASONRY.
- GROUT SHALL CONSIST OF ONE PART PORTLAND CEMENT AND THREE PARTS SAND (MAXIMUM AGGREGATE SIZE SHALL BE 14mm (5/16") WITH WATER TO PROVIDE A MINIMUM 10MPa COMPRESSIVE STRENGTH AT 28 DAYS. SLUMP SHALL BE 200mm to 250mm (8" TO 10").
- GROUTING:
  - a. ALL CELLS CONTAINING REINFORCING SHALL BE GROUTED SOLID.
  - b. ALL MASONRY BELOW BEARING PLATES SHALL BE GROUTED SOLID FULL-HEIGHT.
  - c. ALL BELOW-GRADE MASONRY SHALL BE GROUTED SOLID.
  - d. BOND BEAMS SHALL BE GROUTED SOLID.
  - e. GROUT TWO COURSES SOLID AT EACH FLOOR LEVEL TO ACCOMMODATE LEDGER BOARDS.
- REINFORCING:
  - a. PROVIDE VERTICAL REINFORCING AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
    - 140mm (6") CONCRETE BLOCK - 10M VERTICAL AT 600mm (24") O.C.
    - 180mm (6") CONCRETE BLOCK - 15M VERTICAL AT 800mm (32") O.C.
    - 240mm (10") CONCRETE BLOCK - 20M VERTICAL AT 600mm (24") O.C.
  - b. TRIM ALL OPENINGS WITH TWO VERTICAL BARS ON EACH SIDE OF OPENING. BARS SHALL BE PLACED IN THE FIRST TWO CORES ON EACH SIDE OF THE OPENING AND THE BAR SIZE SHALL MATCH THE WALL REINFORCING UNLESS NOTED OTHERWISE.
  - c. PROVIDE FULL-HEIGHT VERTICAL BARS IN ALL CORES BENEATH BEARING PLATES. THE BAR SIZE SHALL MATCH THE WALL REINFORCING.
  - d. HORIZONTAL REINFORCING SHALL BE GALVANIZED HEAVY-DUTY LADDER TYPE IN EVERY SECOND COURSE UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- PROVIDE A 400mm (16") HIGH BOND BEAM REINFORCED WITH 2-20M BARS IN LOAD-BEARING WALLS BENEATH PRECAST SLABS.
- PROVIDE STEEL LINTELS OVER ALL OPENINGS AND RECESSES INCLUDING OPENINGS FOR MECHANICAL AND ELECTRICAL COMPONENTS. REFER TO THE LINTEL SCHEDULE ON DRAWING SXX FOR DETAILS. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED.
- BUILD THE MASONRY SOLID AROUND ALL BEAM, LINTEL, AND JOIST POCKETS. LOOSE INFILL BLOCKS IN ABOVE-CEILING SPACES ARE NOT PERMITTED.
- ALL MORTAR JOINTS SHALL BE TOOLED TO PROVIDE A CONCAVE PROFILE UNLESS NOTED OTHERWISE.
- MORTAR JOINTS SHALL BE 10mm (3/8") THICK. STARTING BED JOINTS ON NON-MASONRY ELEMENTS SHALL BE FROM 6mm (1/4") TO A MAXIMUM OF 19mm (3/4") EXCEPT FOR MASONRY VENEER BUILT ON SHELF ANGLES OR LINTELS WHERE THE THICKNESS SHALL BE FROM 0mm TO 13mm (1/2").
- VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 6m (20'-0"). REFER TO ARCHITECTURAL DRAWING FOR DETAILS AND LOCATIONS.
- THE MASONRY SHALL BE CONSTRUCTED EVENLY WITH MAXIMUM LIFTS OF 1200mm (48") PER DAY. DO NOT TOOTH AND BOND OR STACK BOND MASONRY. RAKE BACK ENDS OF UNFINISHED WALLS.
- PROVIDE TEMPORARY BRACING AS REQUIRED TO SUPPORT THE MASONRY WALLS DURING CONSTRUCTION.
- MASONRY PARTITIONS OF HOLLOW UNITS SHALL BE LATERALLY SUPPORTED TO STRUCTURAL ELEMENTS AT INTERVALS NOT TO EXCEED 2.1M (7'-0") C/C MINIMUM.

**CONCRETE NOTES**

- ALL STRUCTURAL CONCRETE ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD CANCSA A23.3. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD CANCSA A23.1.
- MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE:
  - INTERIOR SLAB-ON-GRADE - 25 MPa TYPE N
  - SLUMP SHALL BE 75mm ± 25mm (3" ± 1") U.N.O.
  - AGGREGATE SHALL BE 19mm (3/4") MAXIMUM U.N.O.
  - CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN FOR REVIEW.
- THE DEFORMED REINFORCING STEEL SHALL CONFORM TO CSA STANDARD G30.18 GRADE 300R FOR STIRRUPS AND TIES AND GRADE 400R FOR ALL OTHER REINFORCING. ALL REINFORCING HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A23.1. THE REINFORCING LAP LENGTH SHALL BE "CLASS B" FOR SPLICES UNLESS NOTED OTHERWISE. TYPICAL SPLICE LENGTHS SHALL BE AS FOLLOWS:
  - 10M BARS: 450 mm (18")
  - 15M BARS: 600 mm (24")
  - 20M BARS: 750 mm (30")
  - 25M BARS: 900 mm (36")
- WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH CSA G30.18. ALL MESH SHALL BE CHAIRED PRIOR TO POURING CONCRETE. LIFTING OF THE MESH DURING THE CONCRETE POUR WILL NOT BE PERMITTED. ALL SPLICES SHALL BE A MINIMUM OF TWO CROSSWIRE SPACING PLUS 50mm (2").
- THE REINFORCING COVER FOR CONCRETE SHALL BE:
  - 75mm (3") FOR CONCRETE AGAINST EARTH
  - 40mm (1-1/2") FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 15M OR SMALLER
  - 50mm (2") FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 20M OR LARGER
  - 25mm (1") FOR INTERIOR CONCRETE.
- ALL CHAIRS, BOLSTERS, SPACERS AND BAR SUPPORTS SHALL BE IN ACCORDANCE WITH CSA A23.1.
- PROVIDE DOWELS FOR WALLS AND COLUMNS TO SUIT THE REINFORCING IN THE WALL OR COLUMN ABOVE.
- A STEEL TROWEL FINISH SHALL BE PROVIDED FOR ALL INTERIOR SLABS UNLESS NOTED OTHERWISE. A BROOK FINISH SHALL BE PROVIDED FOR ALL EXTERIOR SLABS UNLESS NOTED OTHERWISE.

**STRUCTURAL STEEL NOTES**

- ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CANCSA S16.
- ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21 (300W) EXCEPT W SECTIONS AND PLATES G40.21 (350W), HSS MEMBERS G40.21 (350W) CLASS C OR ASTM A500 GRADE C, ANCHOR BOLTS ASTM F1554 (GR 36 or GR 55), COLD FORM SECTIONS ASTM A570M GRADE 50W.
- ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH CANCSA S8.10 UNLESS NOTED OTHERWISE. ALL STEEL EXPOSED TO THE EXTERIOR TO BE HOT DIP GALVANIZED. SECTIONS TO RECEIVE SPRAY FIREPROOFING SHALL BE LEFT UNPRIMED. COORDINATE WITH THE ARCHITECTURAL DRAWINGS.
- ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CANCSA W59. THE STEEL FABRICATOR SHALL BE FULLY QUALIFIED UNDER THE REQUIREMENTS BY THE CANADIAN WELDING BUREAU IN CONFORMANCE WITH CANCSA W47.1.
- DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE NOTED. MOMENT CONNECTIONS SHALL BE PROVIDED FOR MAJOR AND MINOR AXIS BENDING WHERE NOTED. THE STEEL CONTRACTOR SHALL PROVIDE LOCAL REINFORCING OF MEMBERS AS REQUIRED FOR CONNECTION FORCES AS PART OF THE CONNECTION DESIGN.
- PROVIDE MINIMUM BEARING LENGTH OF STEEL MEMBERS AS FOLLOWS:
  - ON MASONRY - 150mm (6")
  - ON STEEL - 100mm (4")
  - ON BEARING PLATES - FULL LENGTH OF BEARING PLATE.
- THE BASE PLATE AND BEARING PLATE GROUT SHALL BE OF THE CEMENTITIOUS NON-SHRINK TYPE AND SHALL BE A MINIMUM OF 25mm (1") THICK WITH A COMPRESSION STRENGTH OF 50 MPa AT 28 DAYS.
- FULLY WELD BASE PLATES TO COLUMNS AND PROVIDE MINIMUM 6mm (1/4") THICK CAP PLATES ON ALL COLUMNS.
- PROVIDE MINIMUM 175x115x12mm (7"x7"x1/2") BEARING PLATES FOR ALL STRUCTURAL STEEL CW 2-16mm (5/8") Ø ANCHORS. 400mm (16") LONG WITH 50mm (2") BENT HOOKS UNLESS NOTED OTHERWISE.
- ALL BOLTS SHALL BE TIGHTENED WITH A SUITABLE TORQUE WRENCH IN ACCORDANCE WITH CSA S16.
- ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN CONFORMANCE WITH THE REVIEWED SHOP DRAWINGS.
- THE STRUCTURAL STEEL CONTRACTOR SHALL SUPPLY ALL LINTELS OVER DOORS, WINDOWS, DUCT AND PIPE PENETRATIONS, AND ALL BEARING PLATES, ANCHOR BOLTS, WALL ANCHORS, SILL ANGLES, TRIMMER ANGLES, AND MASONRY CLIPS ON COLUMNS LOCATED WITHIN MASONRY WALLS.
- THE GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY SHORING OF ALL FLUSH BEAMS. SHORING SHALL REMAIN IN PLACE UNTIL FLUSH BEAM GROUT HAS FULLY CURED.

**SUBMITTALS**

- SUBMIT DETAILED SHOP DRAWINGS FOR ALL STRUCTURAL WORK FOR REVIEW BY THE CONSULTANT INCLUDING, BUT NOT LIMITED TO: CONCRETE MIX DESIGN, STRUCTURAL STEEL, MISCELLANEOUS METALS, COLD-FORMED STEEL, AND TEMPORARY SHORING.
- ALL SUBMITTALS SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.
- THE SCALE OF THE DRAWINGS SHALL BE SUCH THAT THE DETAILS OF THE STRUCTURAL WORK ARE CLEARLY SHOWN, AND IN NO CASE SMALLER THAN 1/4"=1'-0" (1:50).
- THE STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, FOR USE AS SHOP DRAWINGS.
- THE CONTRACTOR SHALL ALLOW FOR A WORKING DAY TURN AROUND TIME FOR THE STRUCTURAL CONSULTANT TO REVIEW THE SHOP DRAWINGS.

**CALCULATIONS**

- SUBMIT CALCULATIONS, BEARING THE SEAL AND SIGNATURE OF PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO, FOR STRUCTURAL WORK, IF REQUESTED BY THE CONSULTANT.

**LIGHT GAUGE STEEL FRAMING NOTES**

**GENERAL**

- THESE NOTES APPLY TO THE STEEL STUD FRAMING COMPONENT OF THE INTERIOR WALL SYSTEM ONLY.
- THE DESIGN WIND LOADING IS 1.2KN/m² (25 PSF) DETERMINED BY O.B.C. REQUIREMENTS AND CAN-S136. DEFLECTION IS LIMITED TO L/360.
- THE DESIGN OF FRAMING SYSTEM IS BASED ON PUBLISHED STUD SECTION PROPERTIES BY BAILEY METAL PRODUCTS LIMITED.

**MATERIAL**

- THE MINIMUM BASE METAL THICKNESS FOR ALL METAL WALL COMPONENTS, EXCLUDING COATINGS ARE NOTED ON THE DRAWINGS.
- STEEL MEETS THE REQUIREMENTS OF A.S.T.M. A653/A653M SS GRADE 33 (230) FOR 1.2mm MATERIAL AND THINNER, AND SS GRADE 50 (340) CLASS 1 FOR 1.52mm MATERIAL AND THICKER.
- GALVANIZING TO BE HOT-DIP PROCESS, G90 (Z75).

**EXECUTION**

- METHOD OF CONSTRUCTION SHALL BE BY STICK BUILDING ON SITE.
- CONNECTIONS SHALL BE ACCOMPLISHED BY SELF-DRILLING SCREWS AND OTHER FASTENERS AS SHOWN ON THESE DRAWINGS. PENETRATION BEYOND JOINED MATERIALS SHALL BE NOT LESS THAN THREE EXPOSED THREADS. ALL CONNECTORS USED IN ASSEMBLIES SHALL BE OF CORROSION RESISTANT MATERIAL COMPATIBLE WITH GALVANIZED COATINGS WITH A MINIMUM COATING THICKNESS OF 0.039mm ZINC OF CADMIUM PLATES. NO BLACK CONNECTORS WILL BE ACCEPTED. SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER.
- SCREWS COVERED BY SHEATHING MATERIALS SHALL HAVE LOW PROFILE HEADS.
- WIRE TYING IS NOT PERMITTED IN STRUCTURAL APPLICATIONS.
- CUTTING OF STEEL FRAMING MEMBERS SHALL BE BY SAW OR SHEAR. NO TORCH OR MANUAL CUTTING IS PERMITTED.
- SPLICING OF STUDS OR TRACK IS NOT PERMITTED EXCEPT AS NOTED ON DRAWINGS.
- BRIDGING SHALL BE OF SIZE, SPACING AND TYPE SHOWN ON THE DRAWINGS AND SHALL BE INSTALLED SO AS TO PROVIDE RESISTANCE TO MINOR AXIS BENDING AND ROTATION OF STUDS. PROVIDE BRIDGING AT 1200mm c/c MAXIMUM.
- TEMPORARY BRACING SHALL BE PROVIDED AND LEFT IN PLACE UNTIL WORK IS PERMANENTLY STABILIZED.
- STUDS SHALL SEAT INTO TOP AND BOTTOM TRACKS WITH THE GAP BETWEEN THE END OF THE STUD AND WEB OF THE TRACK NOT TO EXCEED 3mm.
- VERTICAL ALIGNMENT (PLUMBNESS) OF STUDS SHALL BE WITHIN 1/1000 OF THE SPAN.
- HORIZONTAL ALIGNMENT (LEVELNESS) OF WALLS SHALL BE WITHIN 1/1000 OF THEIR RESPECTIVE LENGTHS.
- SPACING OF STUDS SHALL BE WITHIN 3mm FROM DESIGN SPACING PROVIDED THAT CUMULATIVE ERROR DOES NOT EXCEED THE REQUIREMENTS OF THE FINISHING MATERIALS.

**LOAD SUMMARY**

**DESIGN STANDARDS**

- ONTARIO BUILDING CODE, 2024, PART 4: STRUCTURAL DESIGN
- CANCSA-A23.3-19, DESIGN OF CONCRETE STRUCTURES
- CANCSA-S304.1-14, MASONRY DESIGN FOR BUILDINGS
- CANCSA-S16-19, LIMIT STATES DESIGN OF STEEL STRUCTURES
- CANCSA-S136-16, DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS

**SNOW, ICE AND RAIN LOADS**

- APPLIED PER OBC, PART 4, SECTION 4.1.6
- IMPORTANCE FACTOR, I<sub>s</sub> 1.0 (SLS) 1.0 (ULS)
  - GROUND SNOW LOAD, S<sub>s</sub> 1.0 kPa (21 PSF)
  - ASSOCIATED RAIN LOAD, S<sub>r</sub> 0.4 kPa (8.4 PSF)
  - WIND EXPOSURE FACTOR, C<sub>w</sub> 1.0
  - ROOF SNOW LOAD, S 1.38 kPa (28.8 PSF)
  - DRIFT LOADS PER CLAUSE 4.1.6.2.8
  - SLOPE FACTORS PER CLAUSE 4.1.6.2.(5) TO (7)

**WIND LOADS**

- APPLIED PER OBC, PART 4, SECTION 4.1.7
- IMPORTANCE FACTOR, I<sub>w</sub> 1.0 (SLS) 1.0 (ULS)
  - REFERENCE VELOCITY PRESSURE FOR STRUCTURAL MEMBERS 0.48 kPa 1/50 YEAR PROBABILITY (9.8 PSF)
  - REFERENCE VELOCITY PRESSURE FOR CLADDING & NON-STRUCTURAL MEMBERS 0.36 kPa 1/10 YEAR PROBABILITY (7.5 PSF)
  - GUST FACTORS C<sub>d</sub>:
    - 2.0 FOR WHOLE & MAIN STRUCTURAL MEMBERS
    - 2.5 FOR SMALL ELEMENTS INCLUDING CLADDING
    - 2.0 FOR INTERNAL PRESSURES
  - BUILDING INTERNAL PRESSURE CATEGORY 2 - PER NBC 2010 STRUCTURAL COMMENTARY (PART B), COMMENTARY B.

**SEISMIC LOADS**

- APPLIED PER OBC, PART 4, SECTION 4.1.8
- IMPORTANCE FACTOR, I<sub>e</sub> 1.3 (ULS)
  - Sa (0.2) 0.367
  - Sa (0.5) 0.322
  - Sa (1.0) 0.187
  - Sa (2.0) 0.088
  - Sa (5.0) 0.0231
  - Sa (10.0) 0.00717
  - PGA 0.27
  - SOIL CLASS D
  - F<sub>v</sub> 1.3

**FLOOR LOADS**

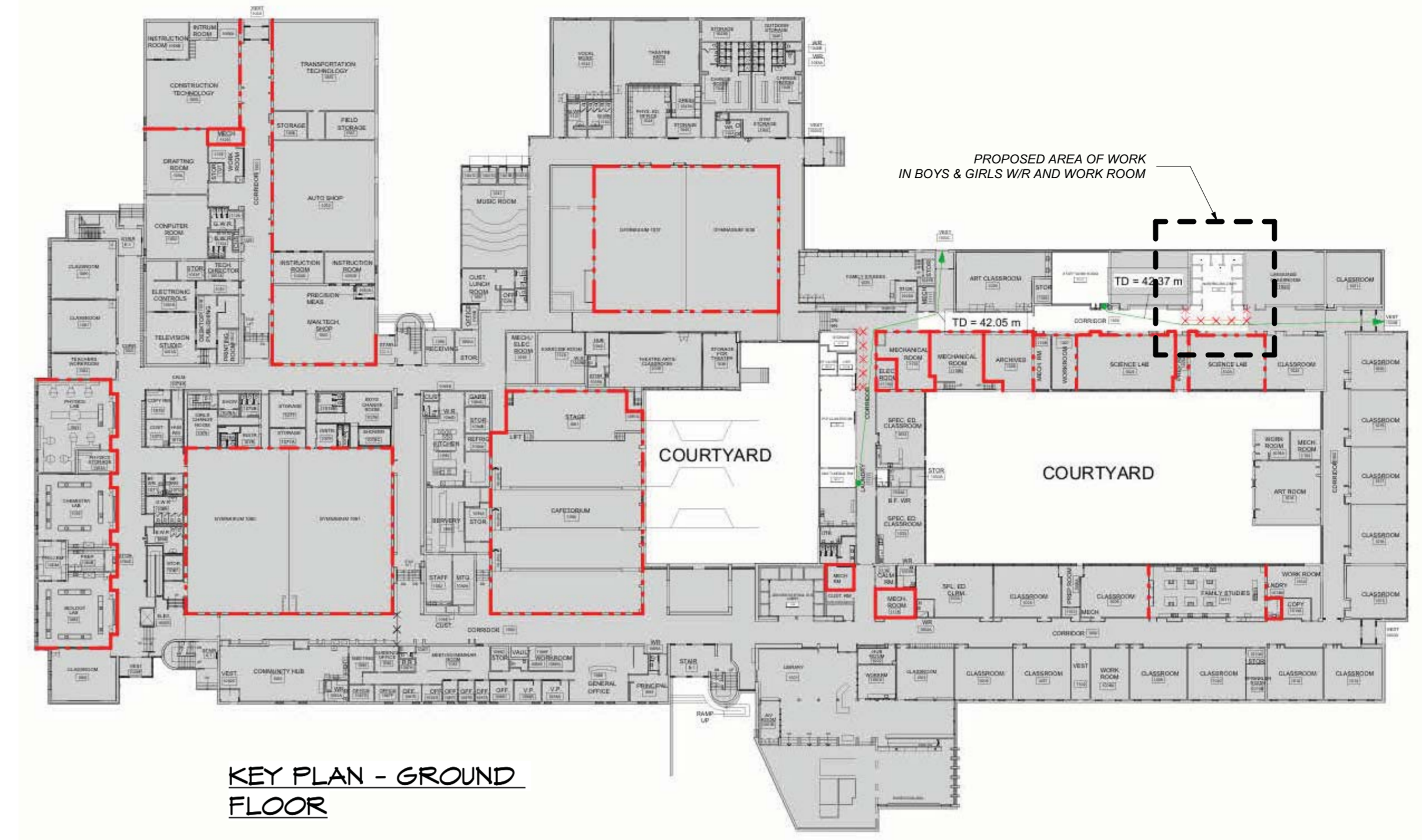
- APPLIED PER OBC, PART 4, TABLE 4.1.5.3 (NO CHANGES OR ADDITIONAL LOADING ON EXISTING.)
- GROUND FLOOR 4.8kPa (100.0 PSF)
  - STAIRS 4.8kPa (100.0 PSF)
  - CORRIDORS 4.8kPa (100.0 PSF)
  - STAIRS AND EXITS 4.8kPa (100.0 PSF)
  - WASHROOMS 4.8kPa (100.0 PSF)

**SEISMIC SWAY BRACING**

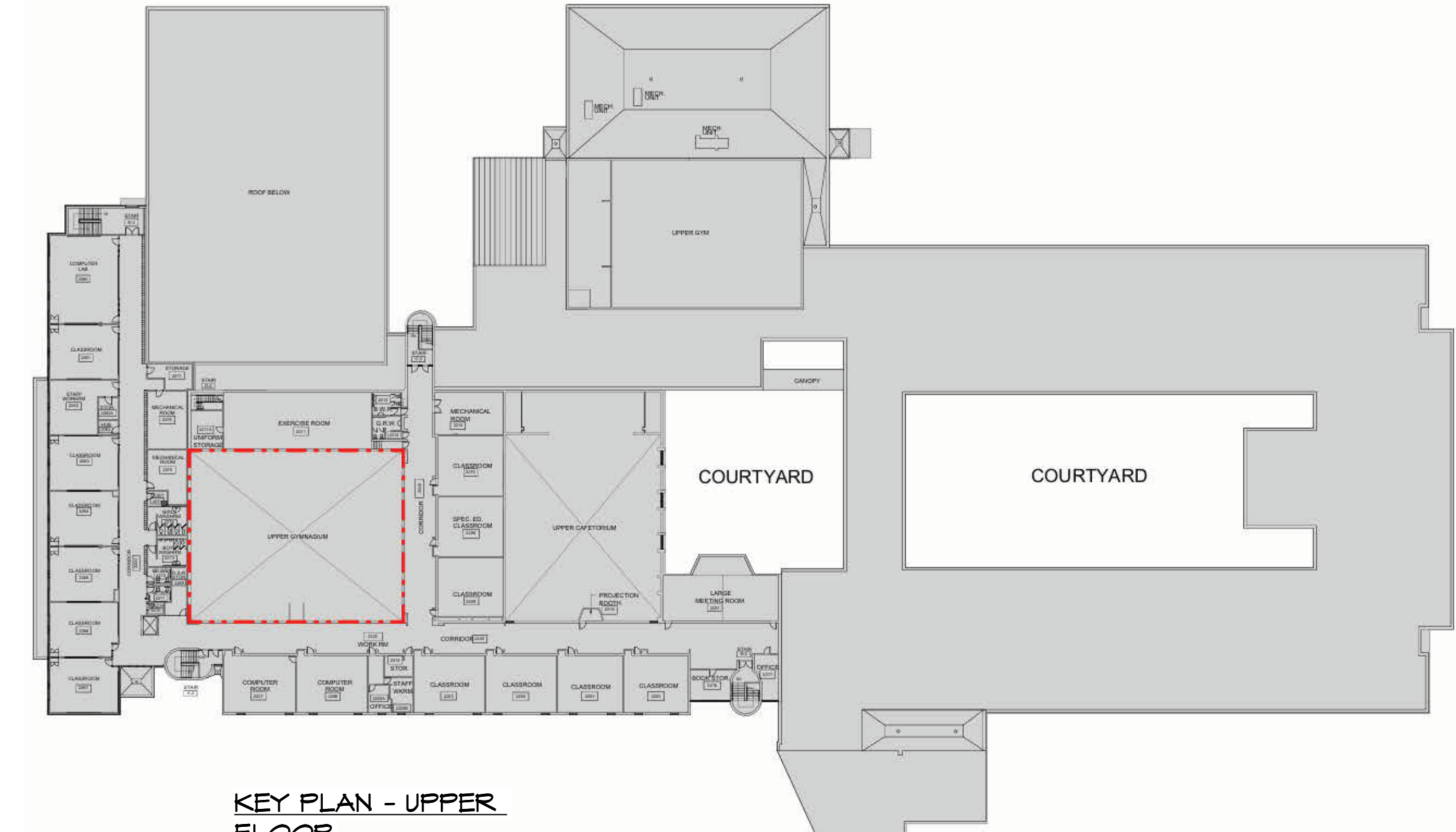
ARTICLE 4.1.8.18(2) OF THE ONTARIO BUILDING CODE NOTES THAT IF THE PRODUCT OF I<sub>e</sub> \* F<sub>v</sub> \* Sa(0.2) IS LESS THAN 0.35, THE REQUIREMENTS NOTED ABOVE NEED NOT APPLY. THESE VALUES ARE EXPLORED BELOW. THIS EXEMPTION IS NOT APPLICABLE TO POST-DISASTER BUILDINGS.

BASED ON THE ABOVE NOTED VALUES, THE PRODUCT OF I<sub>e</sub> \* F<sub>v</sub> \* Sa(0.2) = 1.3 \* 1.0 \* 0.367 = 0.477, GIVEN THIS IS GREATER THAN THE THRESHOLD OF 0.35, THE APPLICATION OF THE LATERAL FORCE (V<sub>p</sub>) TO ALL ELEMENTS AND COMPONENTS AND SWAY BRACING IS REQUIRED.

REQUIREMENTS FOR LOAD RESTRICTIONS OUTLINED IN FIRE RESISTANCE RATINGS -CANULC-S101 CERTIFIED FOR CANADA AND THE UL1951 HAVE BEEN ACCOUNTED FOR STRUCTURAL DESIGN

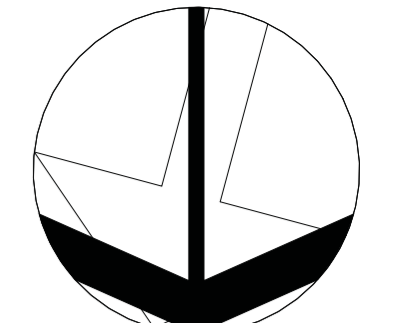


**KEY PLAN - GROUND FLOOR**



**KEY PLAN - UPPER FLOOR**

DRAWING LIST	
DRAWING No.	DRAWING NAME:
S0.0	COVER PAGE
S1.1	FOUNDATION AND FRAMING PLAN
S1.2	TYPICAL SECTIONS AND DETAILS



**KALOS**  
Engineering Inc.  
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6, PH: 905-323-9119



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NO	ISSUED	DATE

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**AJAX HIGH SCHOOL**

105 Bayly St. E, Ajax, ON  
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**COVER PAGE**

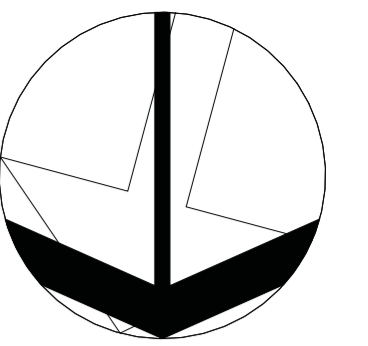
**HOSSACK**  
ARCHITECTURE



105 - 1939 IRONDAL WAY  
DARVILLE, O.N. L6H 5V8  
905.816.0466, info@hossackarch.com

SCALE AS NOTED	PROJECT
DATE APRIL 2026	25024
DRAWN Q.N.	DRAWING
CHECKED J.P.C.	<b>S0.0</b>
PRINT DATE 4/29/2026 3:05:59 PM	
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REFER TO EXISTING STRUCTURAL DRAWINGS BY: SHORE & MOFFAT AND PARTNERS, ARCHITECTS & ENGINEERS DATED: OCTOBER 23, 1993



**KALOS**  
Engineering Inc.

300 YORK BLVD HAMILTON, ONTARIO L8R 3K6, PH. 905-333-9119



1 ISSUED FOR PERMIT/TENDER 26-04-29  
NO. ISSUED DATE

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L1S 1P2



FOUNDATION AND  
FRAMING PLAN

**HOSSACK**  
ARCHITECTURE



105 - 1039 IRONDALE WAY  
DARVILLE, ON L8H 3V8  
(905) 818-0044 [info@hossackarch.com](mailto:info@hossackarch.com)

SCALE AS NOTED PROJECT

DATE APRIL 2026 25024

DRAWN J.P.C. DRAWING

CHECKED J.P.C. Checker S1.1

PRINT DATE 4/29/2026 3:06:00 PM

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**DEMOLITION NOTES**

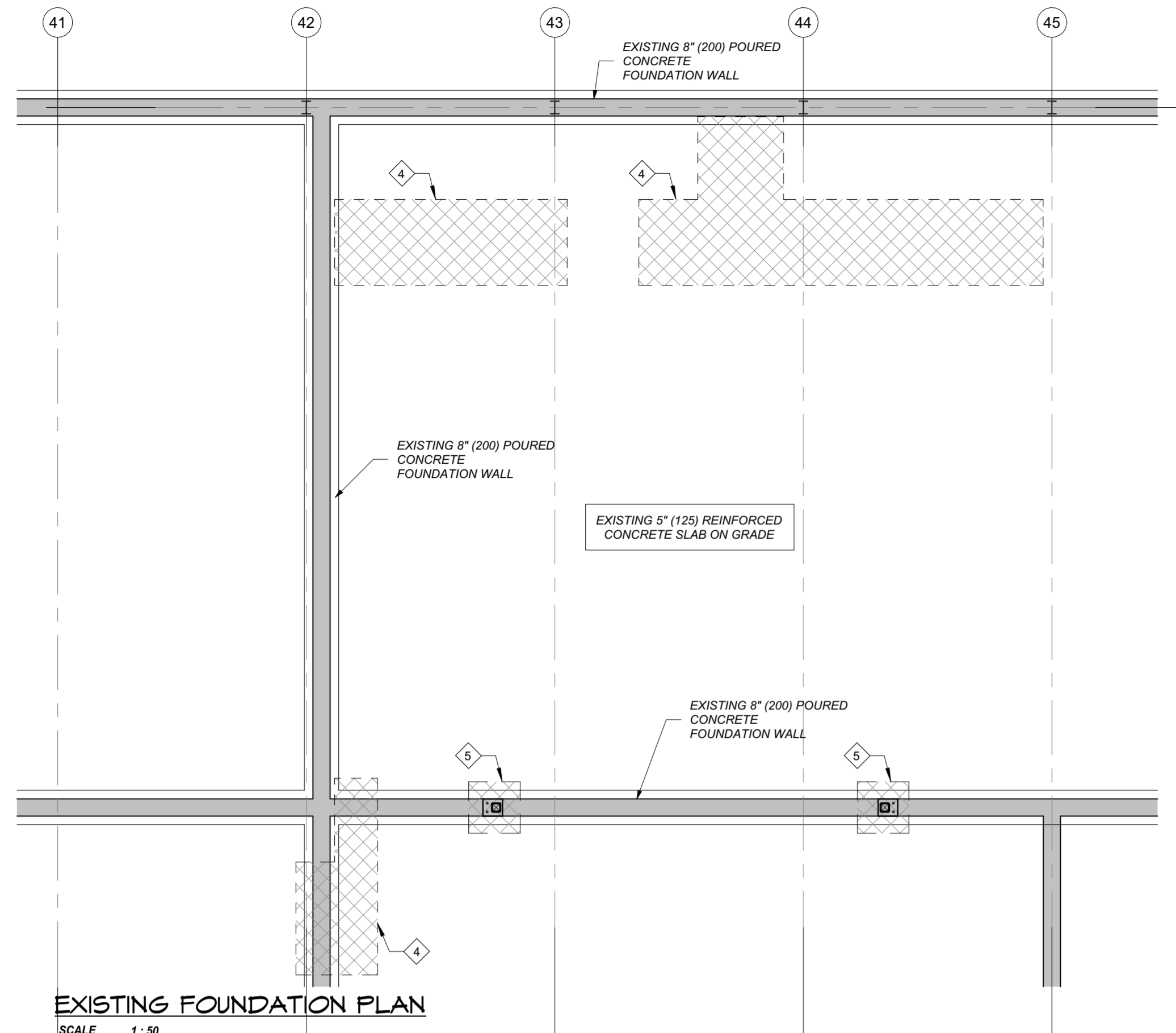
- 1 PROVIDE TEMPORARY SHORING TO SUPERSTRUCTURE ABOVE PRIOR TO ANY REMOVAL. PORTION OF EXISTING 8" LOAD-BEARING CONCRETE BLOCK TO BE REMOVED FULL HEIGHT. EXISTING DOOR LINTEL TO BE REMOVED AS REQUIRED.
- 2 EX. NON-LOAD BEARING STRUCTURAL GLAZED TILE WALLS TO BE REMOVED FULL HEIGHT AS REQUIRED. CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS AND CONFIRM NO POSITIVE BEARING.
- 3 EX. NON-LOAD BEARING CONCRETE BLOCK WALLS TO BE REMOVED FULL HEIGHT AS REQUIRED. CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS AND CONFIRM NO POSITIVE BEARING.
- 4 NEATLY SAWCUT EXISTING CONCRETE SLAB ON GRADE. REMOVE AND REPLACE AS REQUIRED FOR NEW MECHANICAL PLUMBING. REFER TO ARCHITECTURAL FOR EXTENTS AND REFER TO TYPICAL SLAB REPAIR DETAIL.
- 5 BREAK OPEN PORTION OF CONCRETE SLAB AS REQUIRED FOR NEW HSS POST AND BASE PLATE. GENERAL CONTRACTOR TO CONFIRM EX. FOUNDATION WALL BELOW FOR ADEQUATE LOAD TRANSFER.

\*SHORE EXISTING STRUCTURE AS REQUIRED UNTIL DEMOLITION IS COMPLETE. ENGINEERED SHORING DRAWINGS SHALL BE PROVIDED FOR REVIEW.\*

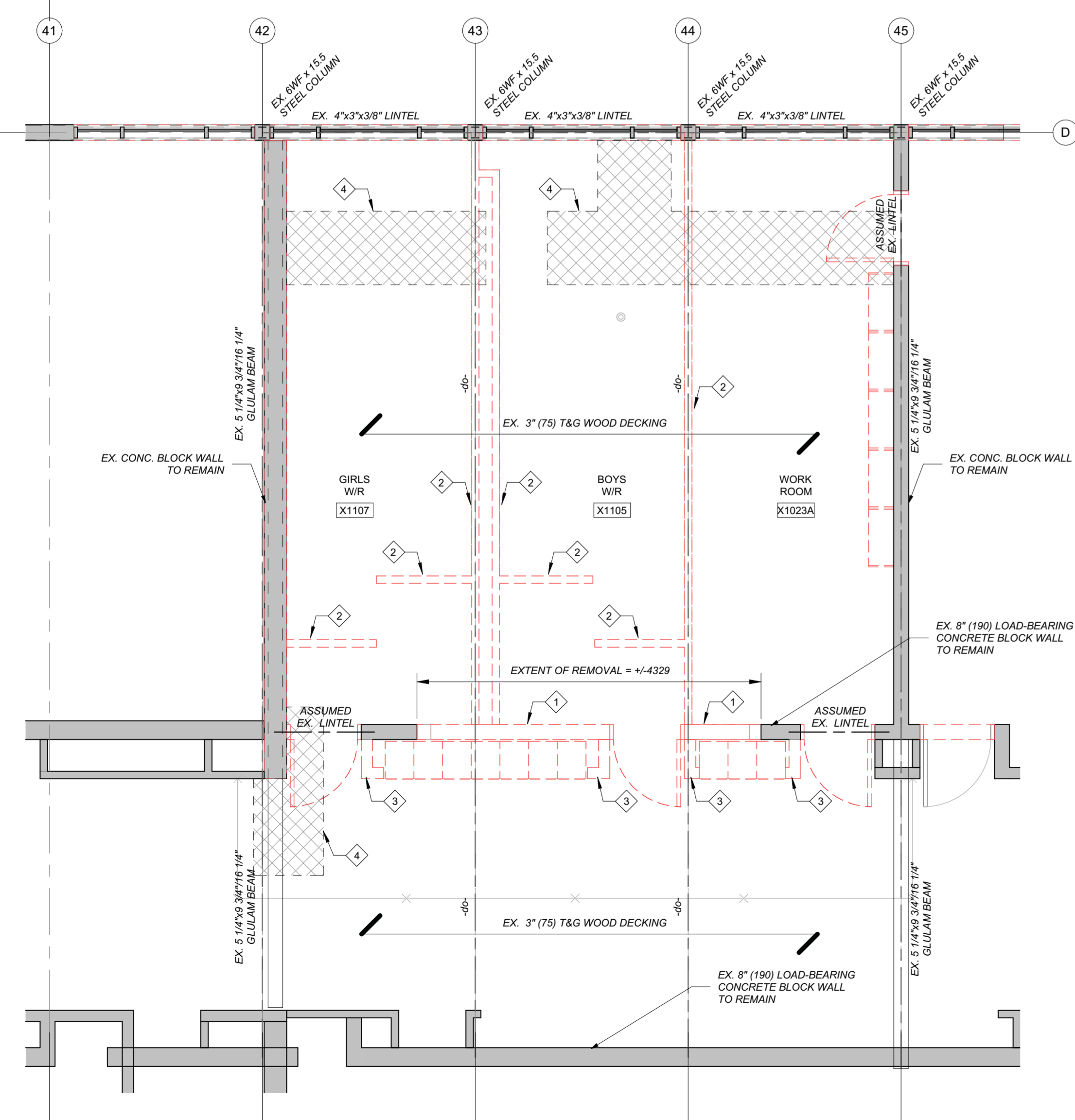
\*THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE MINISTRY OF LABOR, TSSA, WSIB, AND ENSURE A SAFE CONSTRUCTION SITE.\*

**NOTES:**

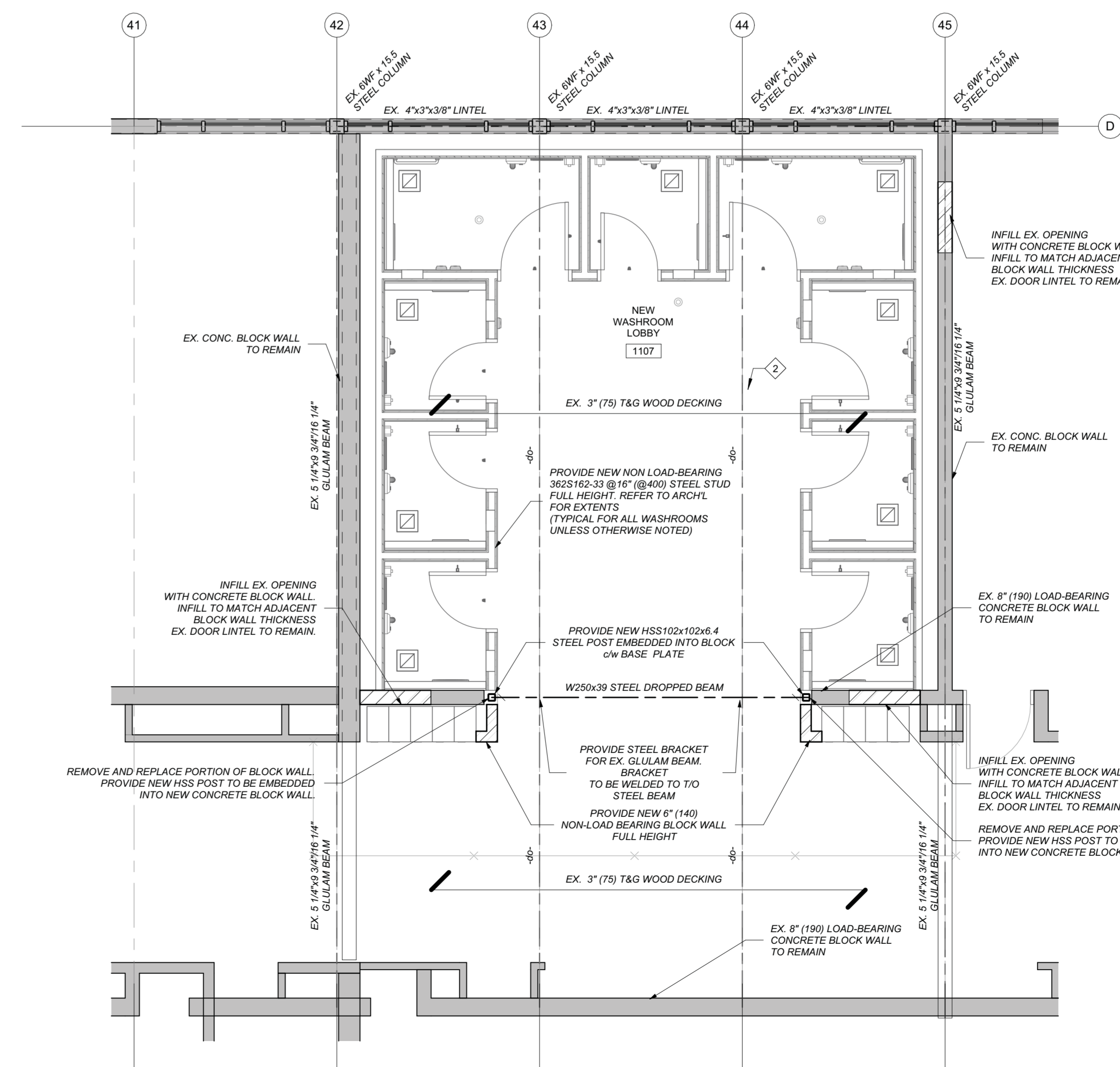
1. PROVIDE STEEL LINTELS FOR ALL OPENINGS AS SHOWN ON ARCHITECTURAL, MECHANICAL & ELECTRICAL DRAWINGS. (NOT ALL SHOWN ON THIS DRAWING)
2. EXISTING STRUCTURAL INFORMATION SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY.
3. CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS.
4. ERECT BARRICADES & FENCING TO PROTECT THE PUBLIC & NEIGHBOURING PROPERTIES FROM DEBRIS & CONSTRUCTION TRAFFIC.
5. SHORE EXISTING STRUCTURE AS REQUIRED UNTIL DEMOLITION IS COMPLETE. ENGINEERED SHORING DRAWINGS SHALL BE PROVIDED FOR REVIEW.



**EXISTING FOUNDATION PLAN**  
SCALE 1:50

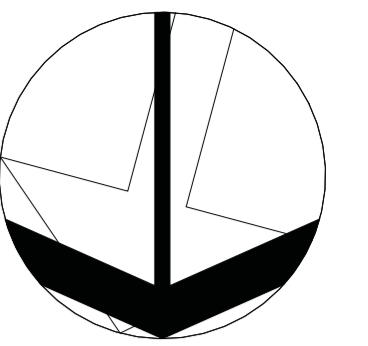


**BOYS & GIRLS W/R AND WORK ROOM -  
DEMOLITION PLAN**  
SCALE 1:50



**BOYS & GIRLS W/R AND WORK ROOM -  
PROPOSED ROOF FRAMING PLAN**  
SCALE 1:50

REFER TO EXISTING STRUCTURAL DRAWINGS  
BY: SHORE & MOFFAT AND PARTNERS, ARCHITECTS & ENGINEERS  
DATED: OCTOBER 23, 1963



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TYPICAL SECTIONS  
AND DETAILS

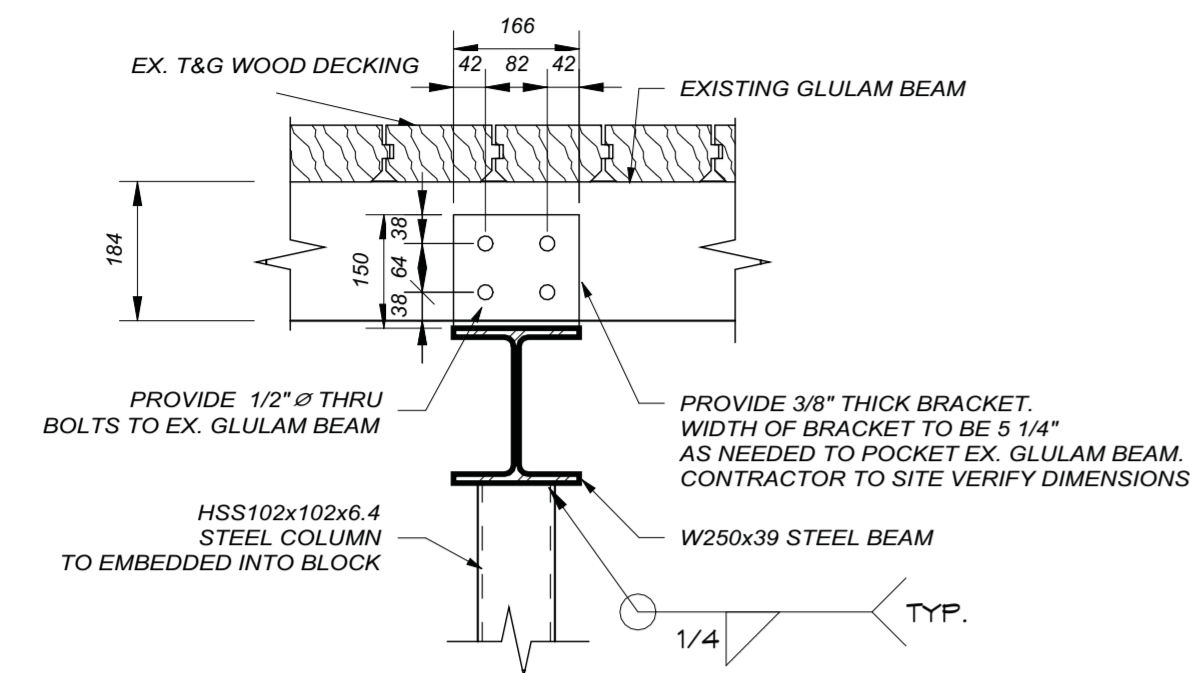
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ARCHITECTURE



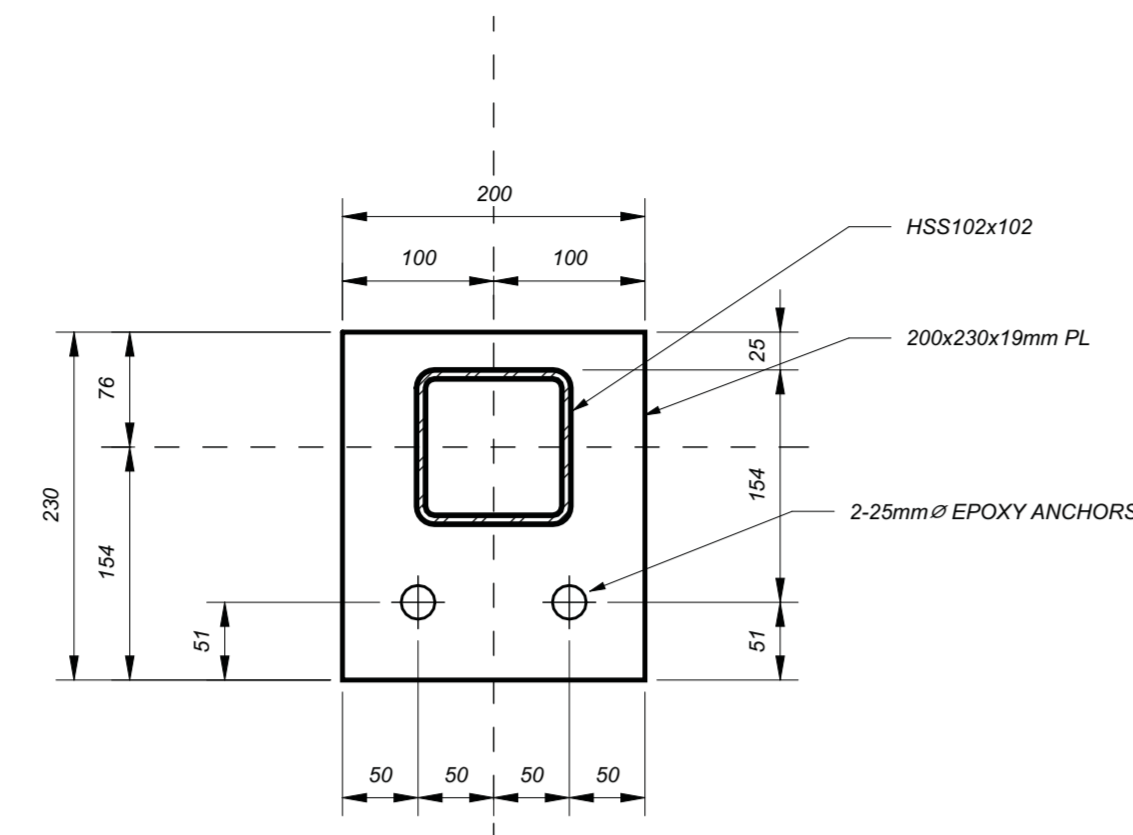
105 - 1039 IRONDALE WAY  
DARKVILLE, ON L8H 3V8  
(905) 810-8204 www.hossackarch.com

SCALE	AS NOTED	PROJECT	25024
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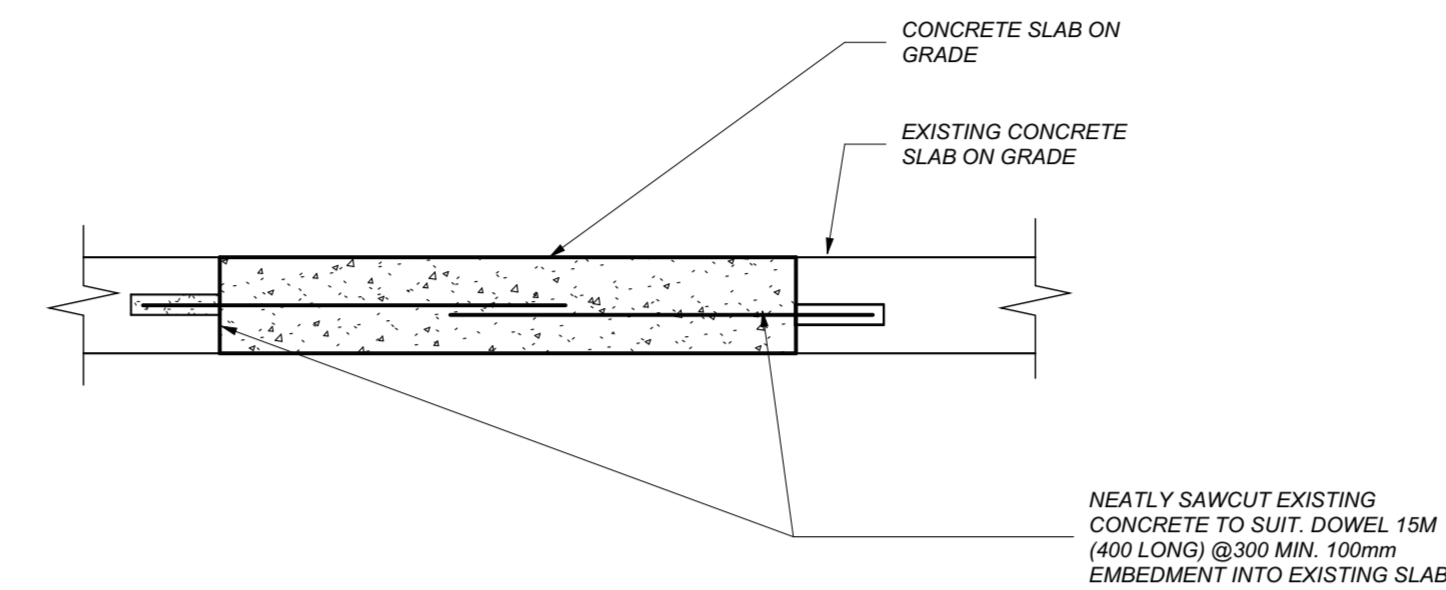
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BY: SHORE & MOFFAT AND PARTNERS, ARCHITECTS & ENGINEERS  
DATED: OCTOBER 23, 1963



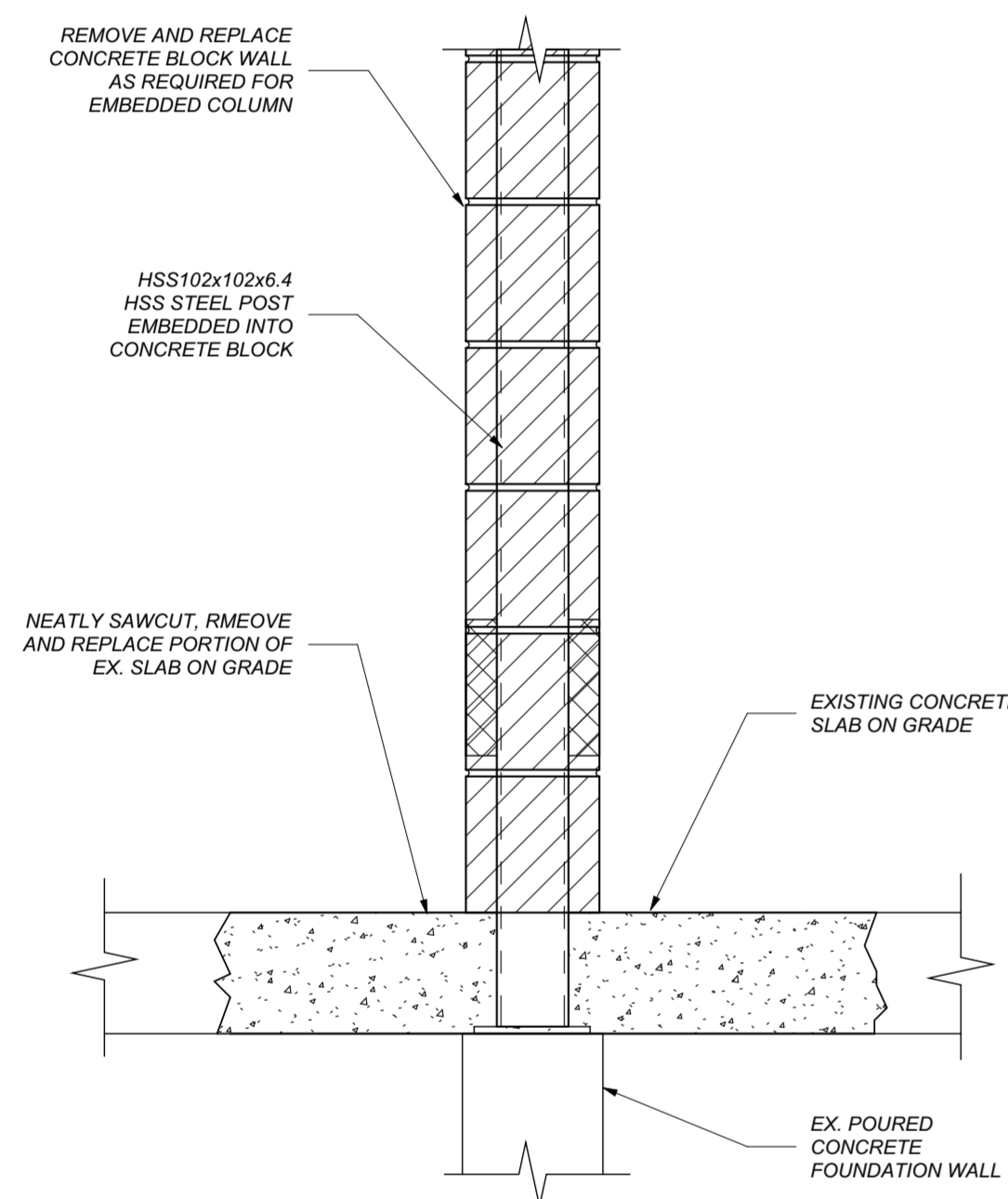
**TYPICAL STEEL DROP BEAM DETAIL**  
SCALE 1:10



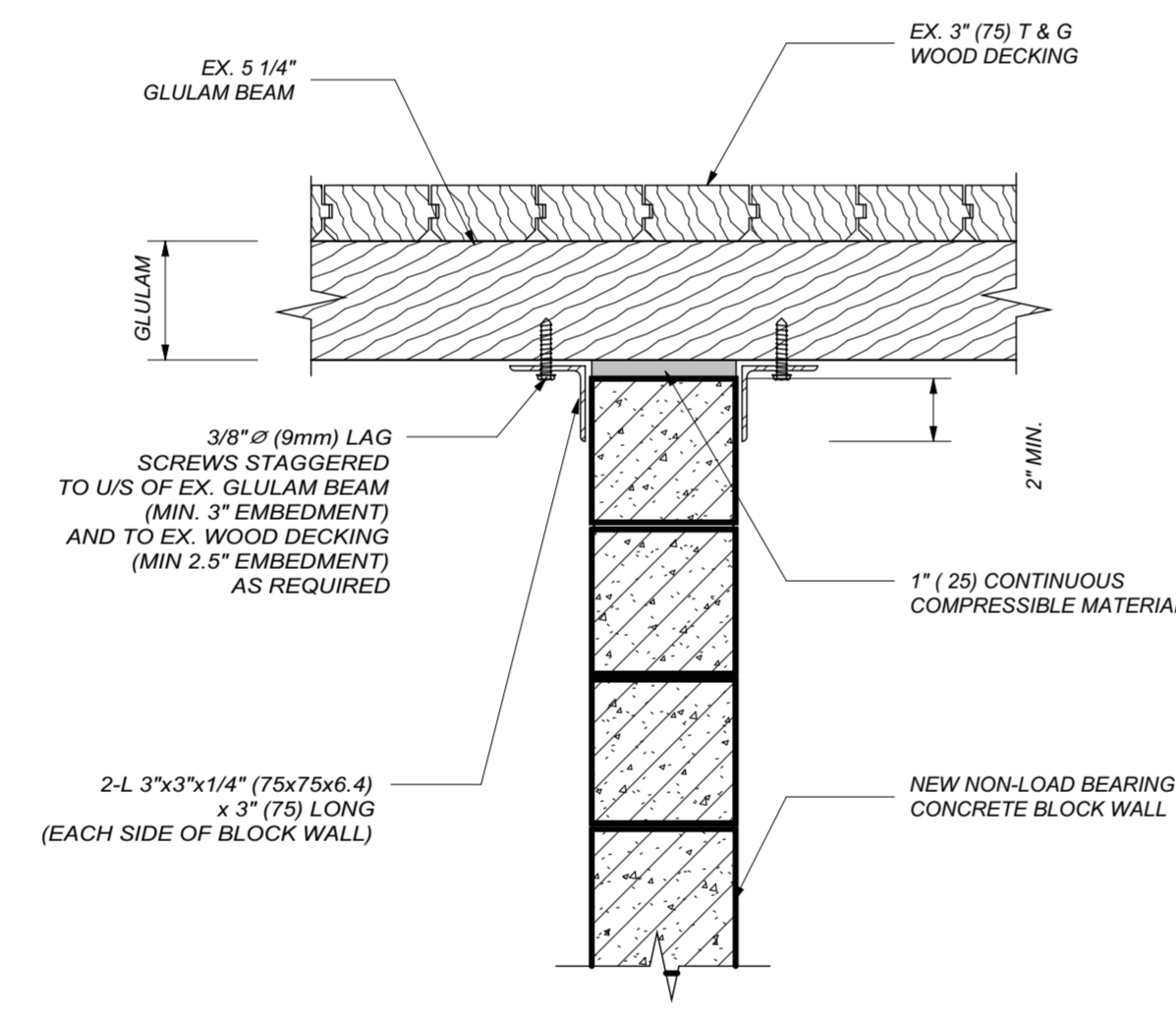
**TYPICAL BASE PLATE**  
SCALE 1:5



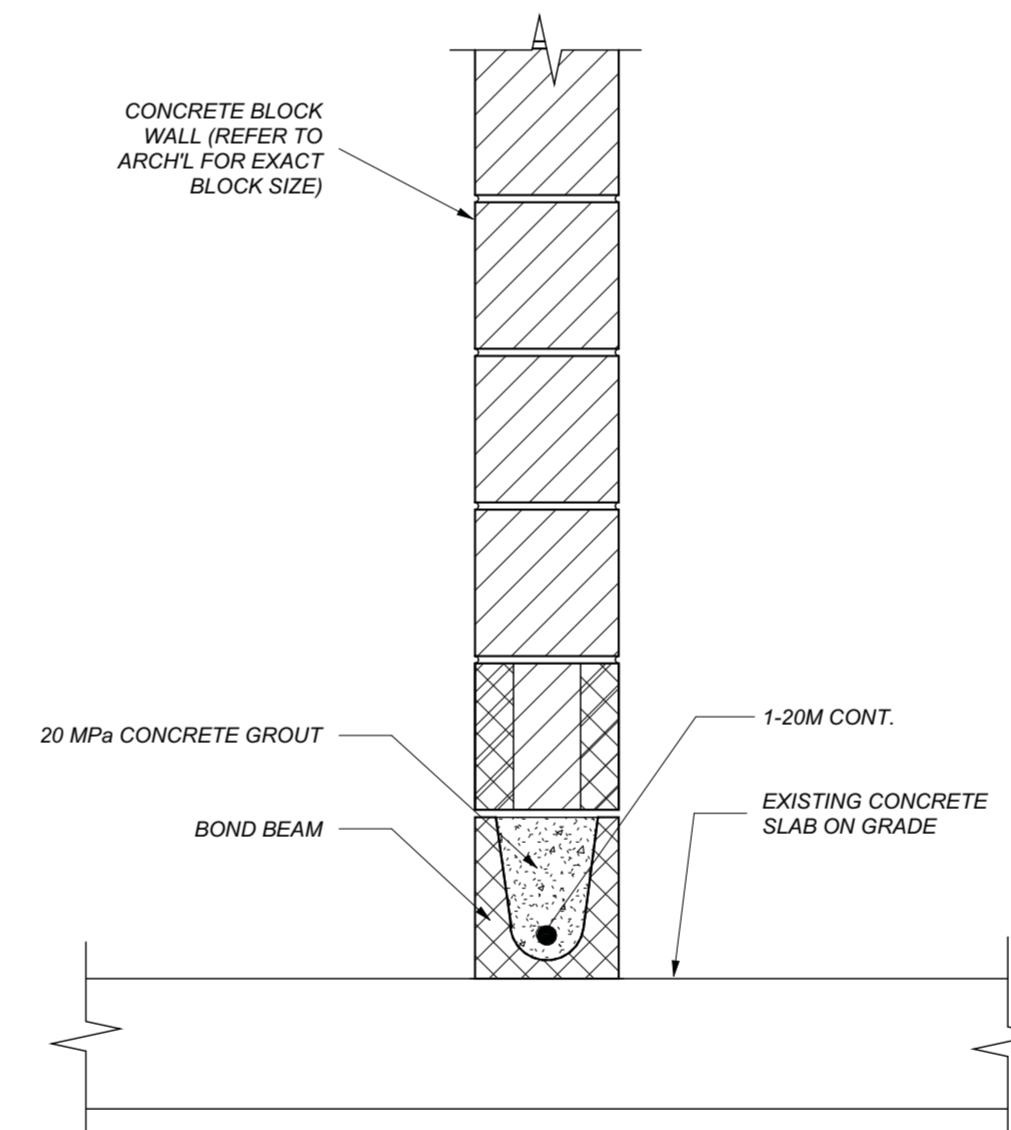
**SLAB REPAIR DETAIL**  
SCALE 1:10



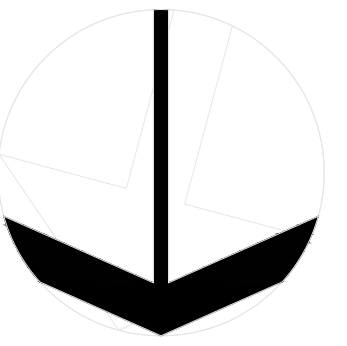
**COLUMN AT FOUNDATION WALL**  
SCALE 1:10



**LATERAL CLIP CONNECTION DETAIL**  
SCALE 1:10



**BOND BEAM DETAIL**  
SCALE 1:10



- ### GENERAL NOTES
- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID TO VERIFY EXISTING CONDITIONS AND TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS INDICATED ON THE DRAWINGS. CONTRACTOR TO INCLUDE FOR ALL COSTS ASSOCIATED TO FACILITATE INSTALLATION. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE ENGINEERS OF ANY DISCREPANCIES, OMISSIONS, AND INTERFERENCES.
  - ENSURE THAT ALL NEW AND EXISTING EQUIPMENT REQUIRING MAINTENANCE IS ACCESSIBLE AND THAT ACCESS REQUIREMENTS ARE NOT OBSTRUCTED BY NEW OR EXISTING SERVICES. PROVIDE ACCESS DOORS/PANELS TO MATCH BASE BUILDING STANDARDS WHERE REQUIRED.
  - PROVIDE ALL REQUIRED SCANNING, CORING/CUTTING AND PATCHING TO PERFORM THE SCOPE OF WORK AS OUTLINED IN THE DRAWINGS.
  - CONTRACTOR IS TO BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL PIPING, DUCTWORK AND EQUIPMENT, AS SHOWN ON THE DEMOLITION PLAN.
  - INSULATE ALL NEW PIPING, DUCTWORK AND ANY EXISTING PIPING AND DUCTWORK WHERE INSULATION HAS BEEN REMOVED OR DAMAGED BY THIS WORK. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENT.
  - WHERE CONNECTING TO EXISTING SERVICES, CONTRACTOR TO MATCH ALL EXISTING PIPE/DUCT SIZES AND PROVIDE TRANSITIONS WHERE REQUIRED.
  - NOT ALL EQUIPMENT CONNECTIONS ARE SHOWN. REFER TO MANUFACTURERS LITERATURE FOR ALL PIPING AND DUCTWORK CONNECTIONS.
  - NEW DIGITAL/ELECTRONIC CONTROLS TO BE COMPATIBLE WITH EXISTING BAS ON SITE.
  - CONTRACTOR TO FLUSH AND CLEAN ALL NEW WORK THOROUGHLY TO WHERE THE SYSTEMS CAN BE ISOLATED FOR THIS WORK AS PER THE SPECIFICATIONS PRIOR TO TIE IN TO THE EXISTING WORK/EQUIPMENT.
  - ALL HEATING PIPING TO AND INCLUDING 50MMØ (2"Ø) SHALL BE SCREWED. PIPING 65MMØ (2.5"Ø) AND OVER SHALL BE WELDED. REFER TO SPECIFICATIONS FOR DETAILS.
  - PROVIDE PIPE FREEZING WHEN REPLACING VALVES AND CONNECTING NEW PIPING TO EXISTING DOMESTIC WATER AND HEATING WATER PIPING SYSTEMS.
  - SUPPLY AND INSTALLATION OF ELECTRICAL CONDUITS FOR MECHANICAL EQUIPMENT SHALL BE BY ELECTRICAL DIVISION AND CONSISTENT WITH ELECTRICAL SPECIFICATIONS.
  - COORDINATE ALL TEMPORARY SHUT DOWNS WITH THE SCHOOL BOARD. PROVIDE ISOLATION VALVES AS REQUIRED.
  - SURVEY ALL AFFILIATED WORK AREAS AND REPORT ANOMALIES AND DISCREPANCIES TO CONSULTANT.
  - ALL DOMESTIC WATER PIPING, HEATING PIPING AND FITTINGS SHALL BE INSULATED. IN ADDITION, ALL EXPOSED PIPING AND FITTINGS SHALL BE PROVIDED WITH PVC INSULATING COVERS.

### TAGS

SYMBOL	DESCRIPTION
TAG-1	EQUIPMENT TAG
→	AIRFLOW DIRECTION
CTE	CONNECT TO EXISTING
OED	OPEN ENDED DUCT
(###)	FLOW IN L/S
[###]	FLOW IN CFM

**DIFFUSER TAG**

QUANTITY: 2

NECK / FACE SIZE: 8"Ø

DIFFUSER TYPE: A

AIRFLOW: [200]

**WALLFIN HEATER TAG**

ACTIVE LENGTH (MM): 1000

WATER FLOW (L/S): 0.02

WALLFIN TYPE: WF A

HEATING CAPACITY (KW): 1.1 KW

**DUCTWORK**

TYPE: (S) SUPPLY, (R) RETURN, (E) EXHAUST

S - 14"x14" [ 1000 ]

HEIGHT: 1' IF APPLICABLE

WIDTH: 1' IF APPLICABLE

### PLUMBING AND DRAINAGE

SYMBOL	DESCRIPTION
WC	WATER CLOSET - TANK TYPE
WC-F	WATER CLOSET - FLOOR MOUNTED FLUSH VALVE
WC-W	WATER CLOSET - WALL MOUNTED FLUSH VALVE
PT	P-TRAP
CO	CLEAN OUT (FLOOR & CEILING)
FD	ROUND FLOOR DRAIN
SD	SQUARE FLOOR DRAIN
HD	HUB DRAIN
W	PIPE WYE CONNECTION
45	PIPE 45° CONNECTION
E	PIPE ELBOW
T	PIPE TEE
DCW	DOMESTIC COLD WATER (DCW) PIPING
DHW	DOMESTIC HOT WATER (DHW) PIPING
SAN	SANITARY DRAINAGE (SAN) PIPING
V	VENT PIPING
DHWR	DOMESTIC HOT WATER RECIRC. (DHWR) PIPING

### CONTROLS

SYMBOL	DESCRIPTION
F	FAN
G	GRILLE (SUPPLY / RETURN / EXHAUST)
MD	MOTORIZED DAMPER
CV	CONTROL VALVE (2-WAY & 3-WAY)
S	SENSORS (AIR OR WATER) (TEMPERATURE / HUMIDITY / CARBON DIOXIDE)
W	CONTROL WIRING
(AI)	ANALOG INPUT
(AO)	ANALOG OUTPUT
(DI)	DIGITAL INPUT
(DO)	DIGITAL OUTPUT

### DEMOLITION LEGEND

SYMBOL	DESCRIPTION
E	EXISTING TO REMAIN
D	DEMOLISH, REMOVE AND DISPOSE OF EQUIPMENT, DUCTWORK, SERVICES, ETC.
R	RELOCATE ITEM
[ ]	EXISTING TO REMAIN
[ - ]	DEMOLISH OR RELOCATE
[ ]	NEW

### MECHANICAL DRAWING LIST

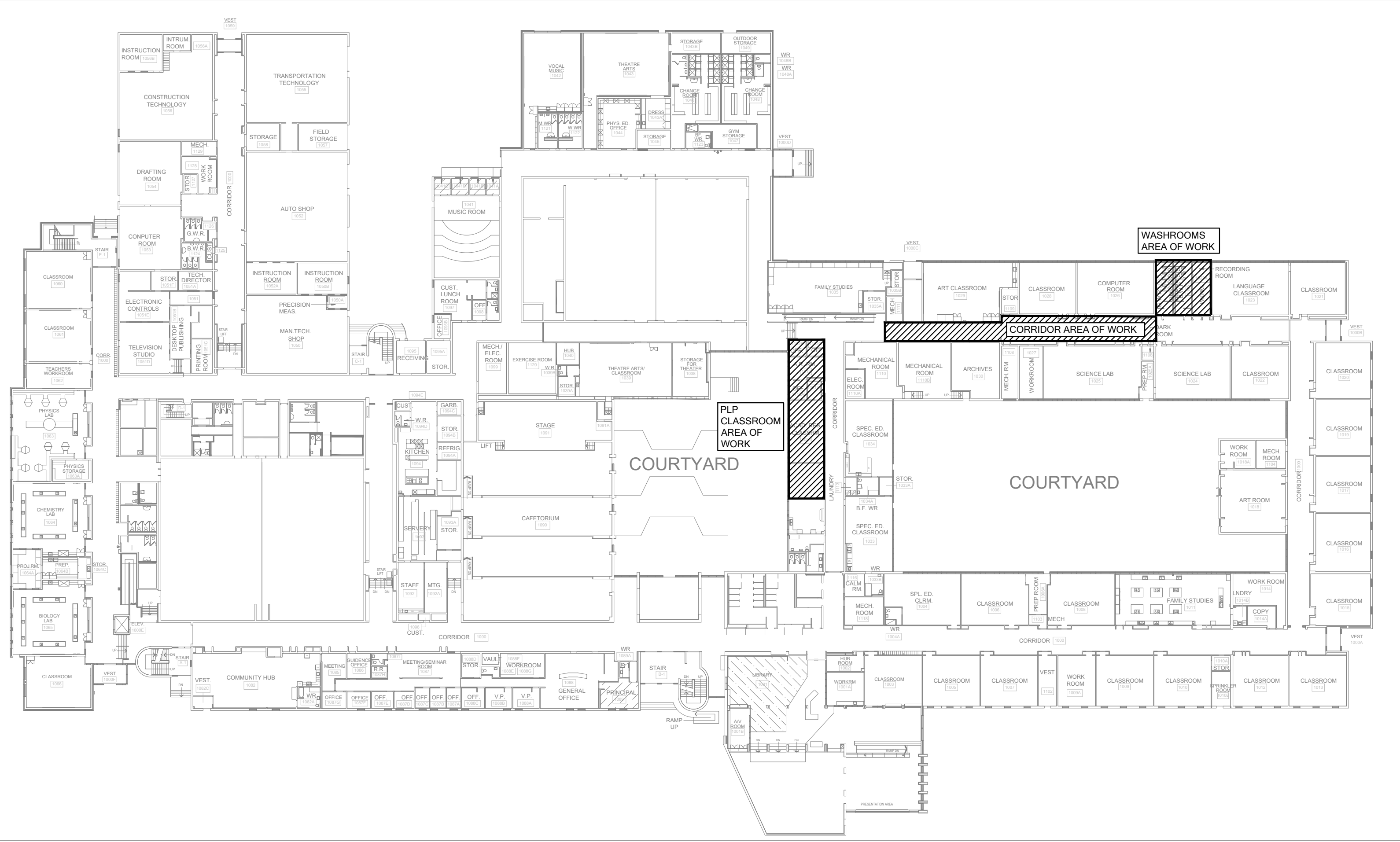
DRAWING NO.	DRAWING NAME
M1.0	DRAWING LIST, SYMBOL LIST, NOTES
M2.0	WASHROOM PLANS - DEMOLITION
M2.1	PLP CLASSROOM - PLUMBING & FIRE PROTECTION PLANS - DEMOLITION
M2.2	PLP CLASSROOM - HVAC & HVAC PIPING PLANS - DEMOLITION
M3.0	WASHROOM PLANS - NEW WORK
M3.1	PLP CLASSROOM - PLUMBING & FIRE PROTECTION PLANS - NEW WORK
M3.2	PLP CLASSROOM - HVAC & HVAC PIPING PLANS - NEW WORK
M3.3	CORRIDOR PLAN - NEW WORK
M5.0	CONTROL SEQUENCES
M6.0	TYPICAL MECHANICAL DETAILS #1
M6.1	TYPICAL MECHANICAL DETAILS #2
M7.0	SCHEDULES - MECHANICAL

### DUCTWORK

SYMBOL	DESCRIPTION
SA	SUPPLY AIR DUCT UP & DOWN
RA	RETURN / EXHAUST AIR DUCT UP & DOWN
RD	ROUND DUCT UP & DOWN
SE	SQUARE ELBOW WITH TURNING VANES
DF	DUCTWORK FLEXIBLE CONNECTION
IL	1" THICK ACOUSTICALLY LINED DUCTWORK
IE	EXTERNALLY INSULATED DUCTWORK (REFER TO SPECIFICATIONS FOR THICKNESS)
DC	DUCT CONTINUATION (ROUND & RECTANGULAR)
SD	SUPPLY AIR DIFFUSER C/W FLEX DUCT & SPIN ON CONNECTION WITH BALANCING DAMPER
RD	ROUND CONE DIFFUSER
SG	SUPPLY / RETURN GRILLE
RG	RETURN / EXHAUST GRILLE
TE	TOILET EXHAUST FAN
TR	THERMOSTAT
TS	TEMPERATURE SENSOR
CS	CARBON DIOXIDE (CO <sub>2</sub> ) SENSOR
HS	HUMIDITY SENSOR
SW	SWITCH
OS	OCCUPANCY SENSOR
CR	CONTROL WIRING
UH	UNIT HEATER
AD	400mm X 400mm ACCESS DOOR
FD	FIRE/SMOKE COMBINATION DAMPER

### MECHANICAL PIPING

SYMBOL	DESCRIPTION
PD	PIPE DOWN
PU	PIPE UP
PDN	PIPE UP & DOWN
V	VALVE
BV	BALANCING VALVE
CV	CHECK VALVE
ST	STRAINER
PRV	PRESSURE REDUCING VALVE
ECV	ELECTRONIC CONTROL VALVE (2-WAY & 3-WAY)
PC	PIPE CONTINUATION
CD	CONDENSATE DRAINAGE PIPING
NG	NATURAL GAS PIPING
FD	FLOW DIRECTION
RL/RG	REFRIGERANT LIQUID AND GAS PIPING
CAP	CAPPED PIPE
PG	PRESSURE GAUGE
TM	THERMOMETER
PRV	PRESSURE RELIEF VALVE



1 FIRST FLOOR KEY PLAN  
M1.0 Scale: 1:500

NO.	ISSUED FOR TENDER & PERMIT	4/20/26
1.	ISSUED FOR COORDINATION	3/25/26
NO.	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

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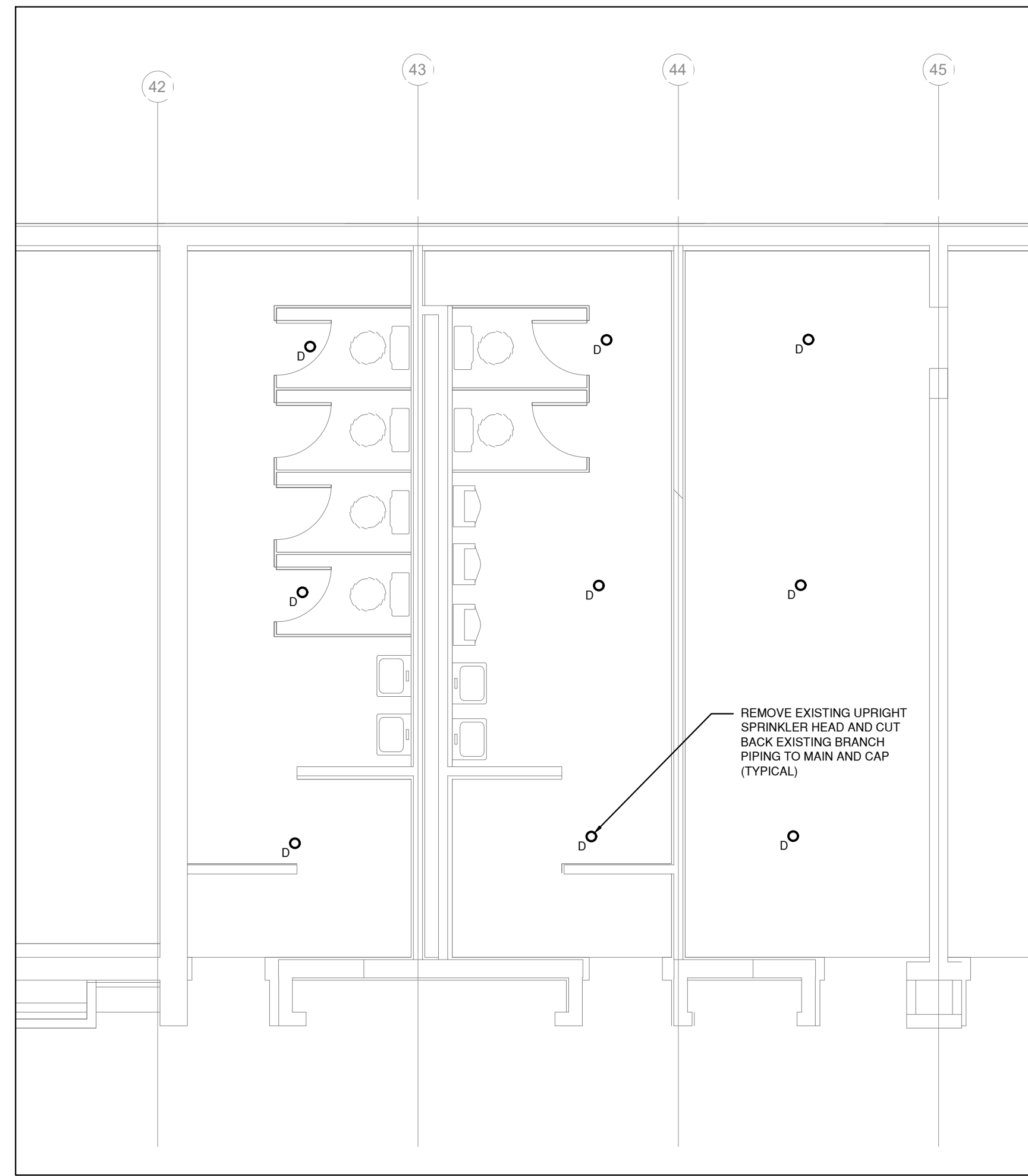
**DRAWING LIST, SYMBOL LIST, NOTES**



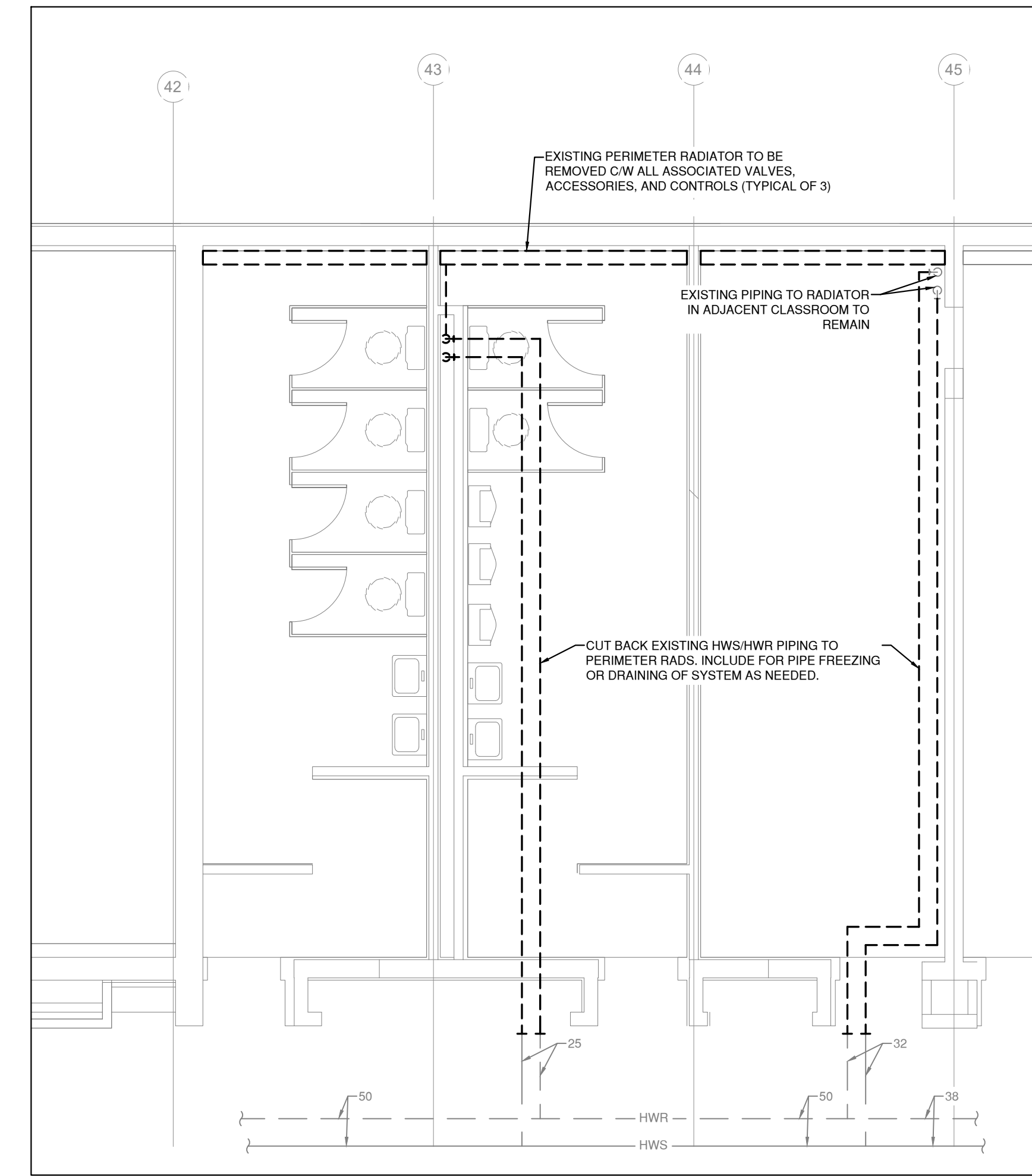
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N.T.S.	25198
DATE	Apr 2026
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CHECKED	GR
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REVIT FILE	

**ABATEMENT GENERAL NOTES**

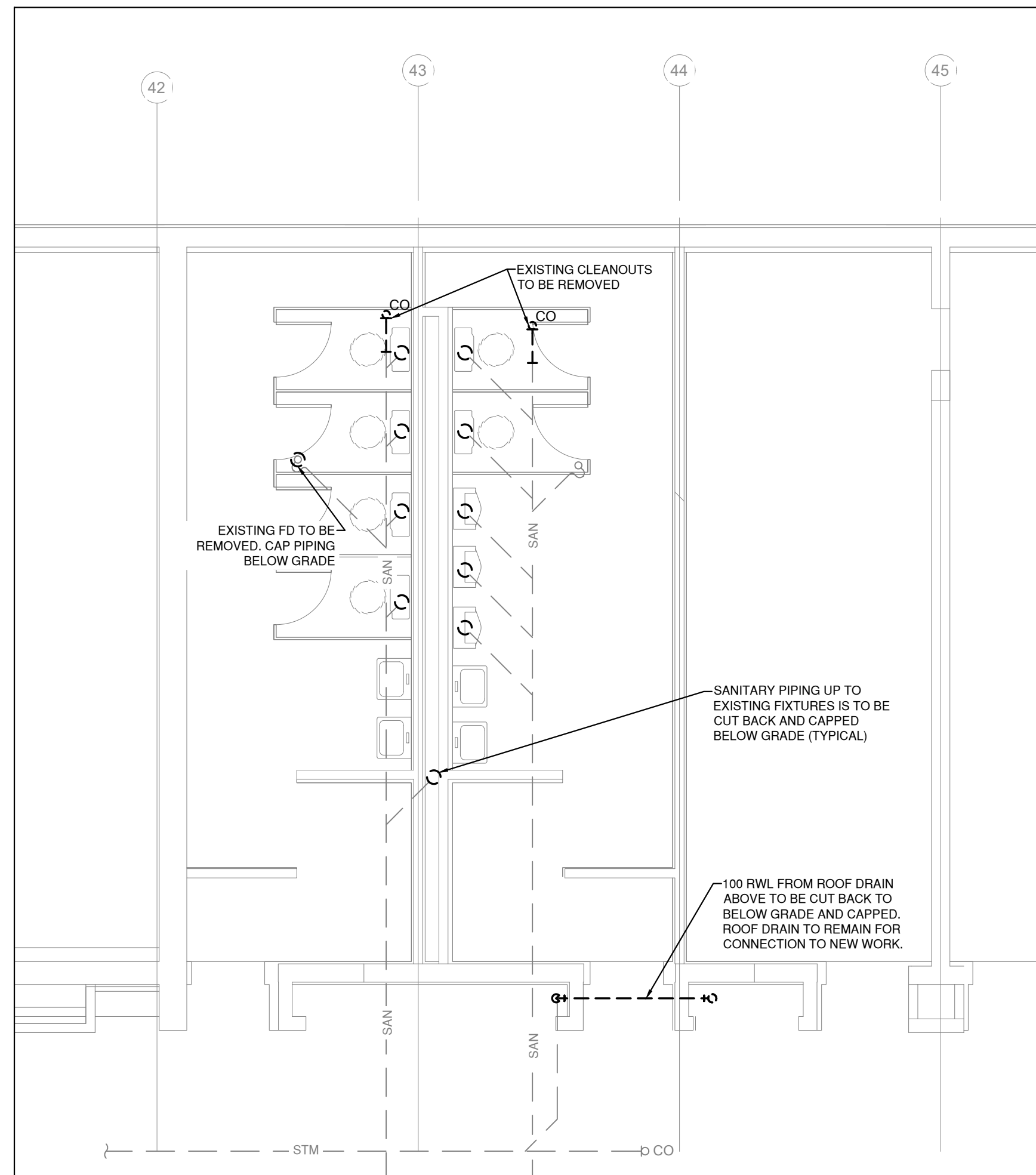
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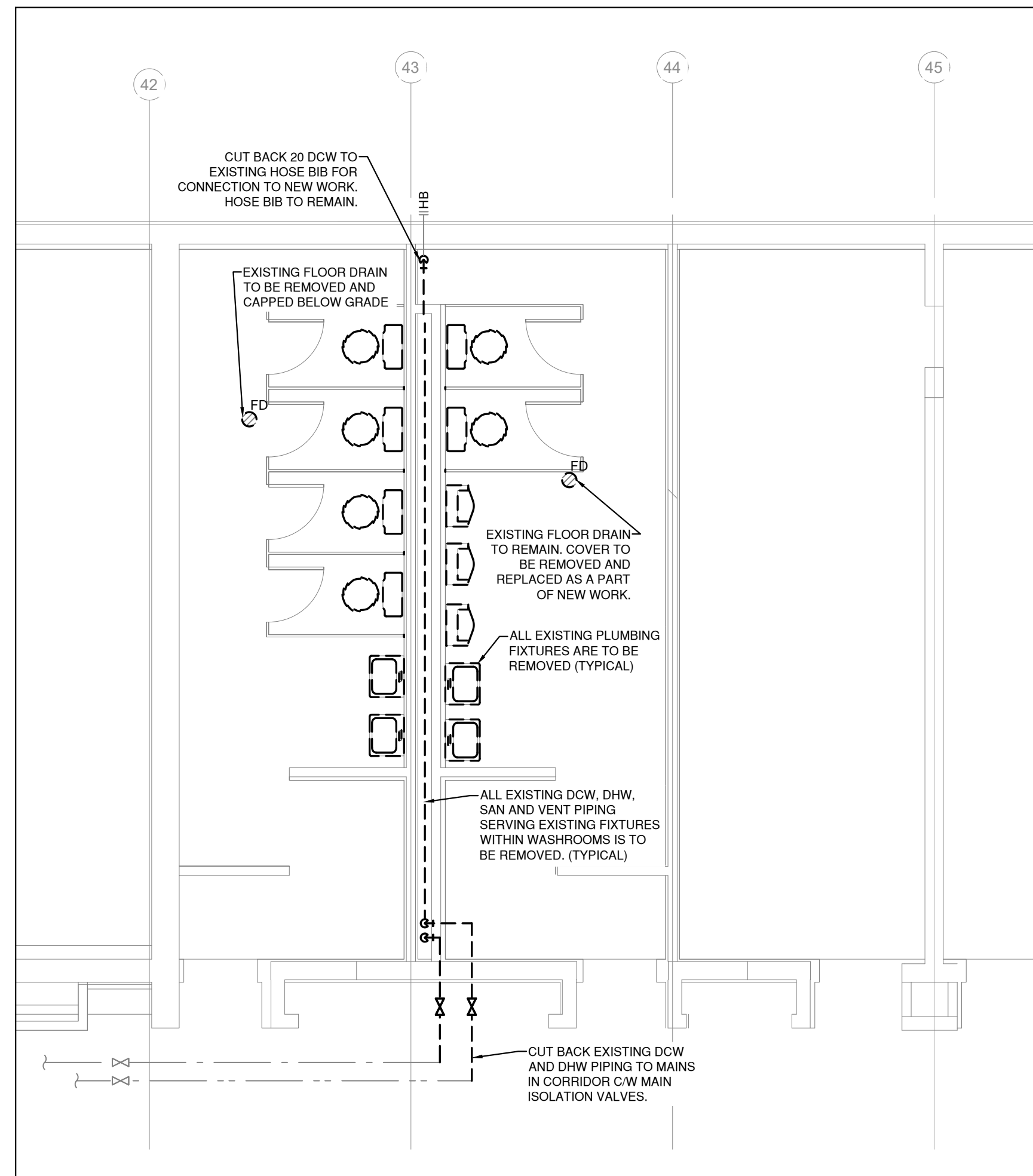
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M2.0 WASHROOMS - FIRE PROTECTION - DEMO  
Scale: 1:50



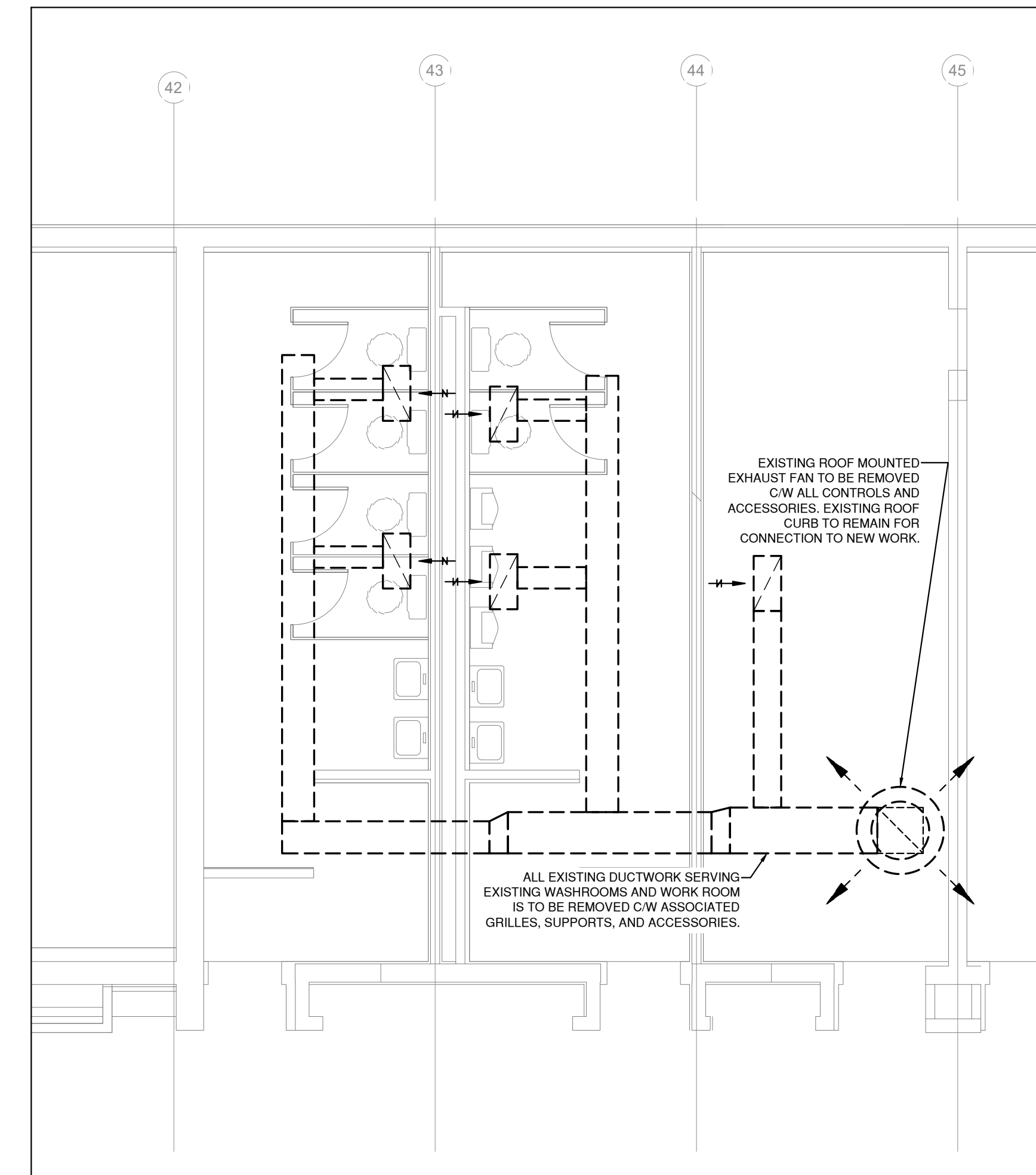
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M2.0 WASHROOMS - HVAC PIPING - DEMO  
Scale: 1:50



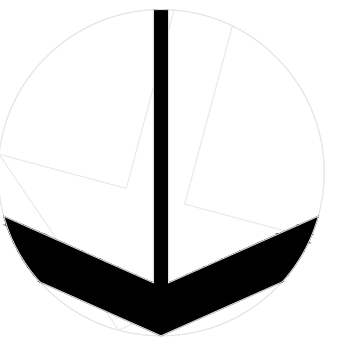
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M2.0 WASHROOMS - BELOW GRADE DRAINAGE - DEMO  
Scale: 1:50



**2**  
M2.0 WASHROOMS - PLUMBING - DEMO  
Scale: 1:50



**3**  
M2.0 WASHROOMS - HVAC - DEMO  
Scale: 1:50



2	ISSUED FOR TENDER & PERMIT	4/20/26
1	ISSUED FOR COORDINATION	3/25/26
NO	ISSUED	DATE

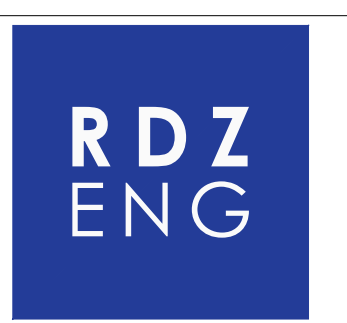
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WASHROOM  
PLANS -  
DEMOLITION

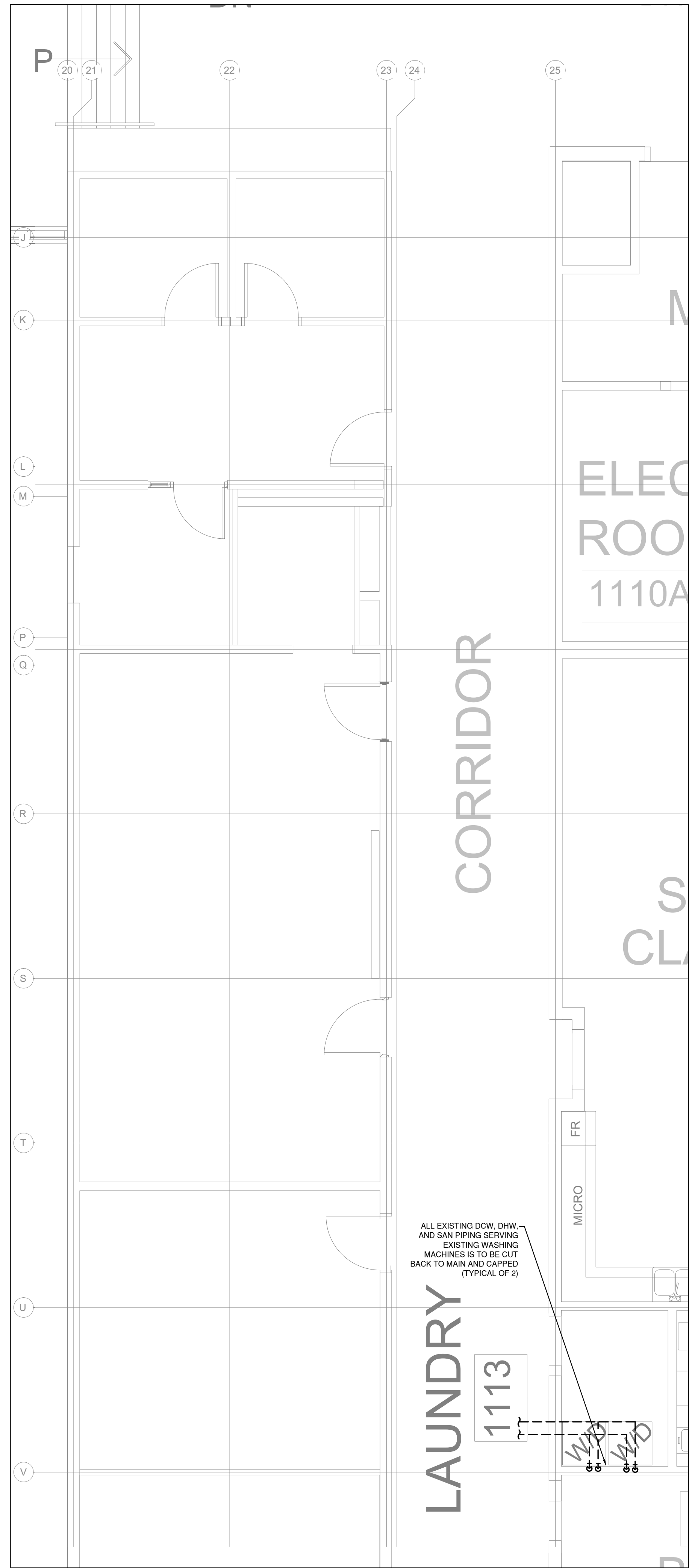


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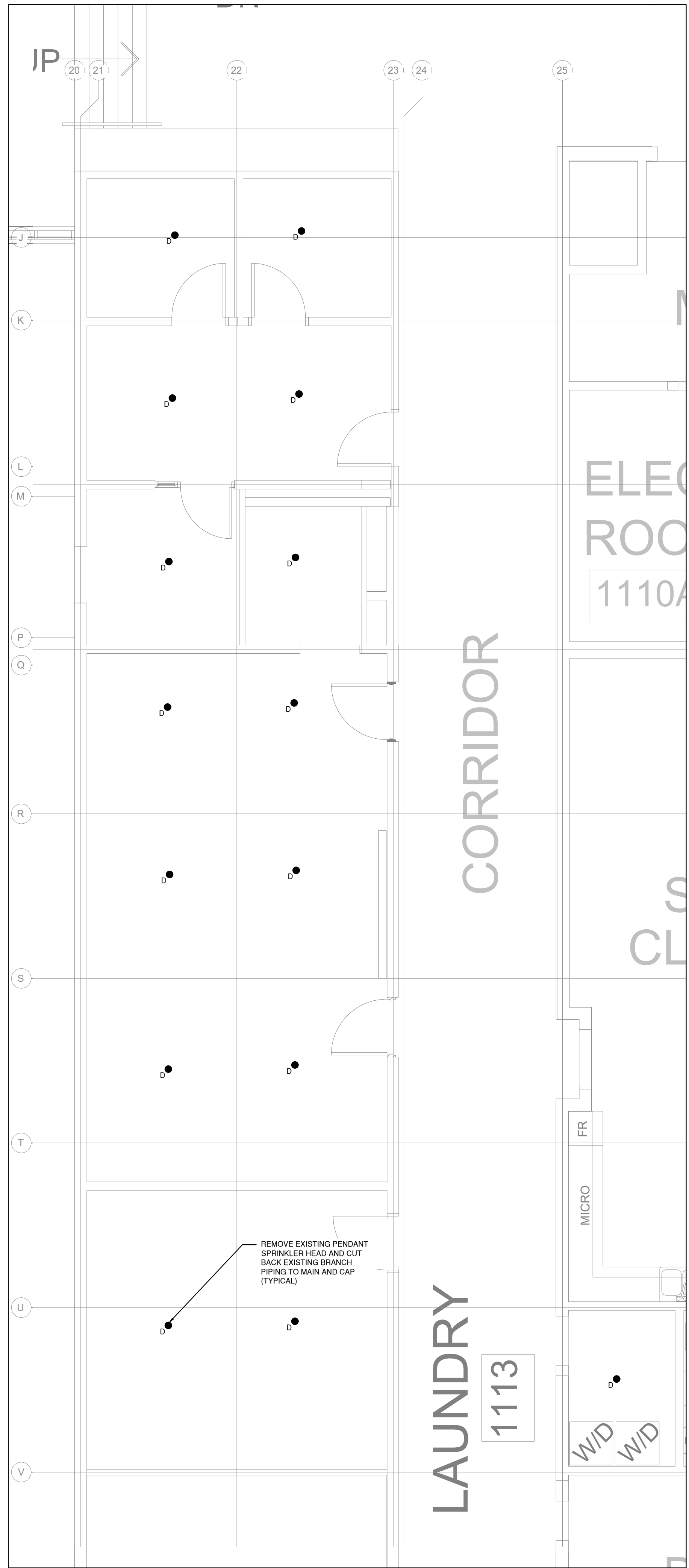
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**ABATEMENT GENERAL NOTES**

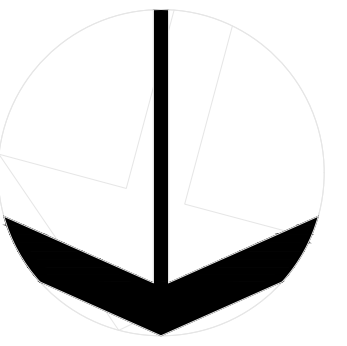
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2 PLP CLASSROOM - PLUMBING - DEMO  
M2.1 Scale: 1:50



3 PLP CLASSROOM - FIRE PROTECTION - DEMO  
M2.1 Scale: 1:50



2	ISSUED FOR TENDER & PERMIT	4/20/26
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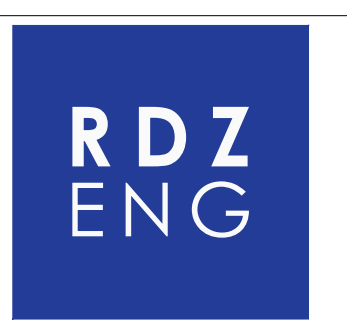
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PLP CLASSROOM -  
PLUMBING & FIRE  
PROTECTION  
PLANS -  
DEMOLITION

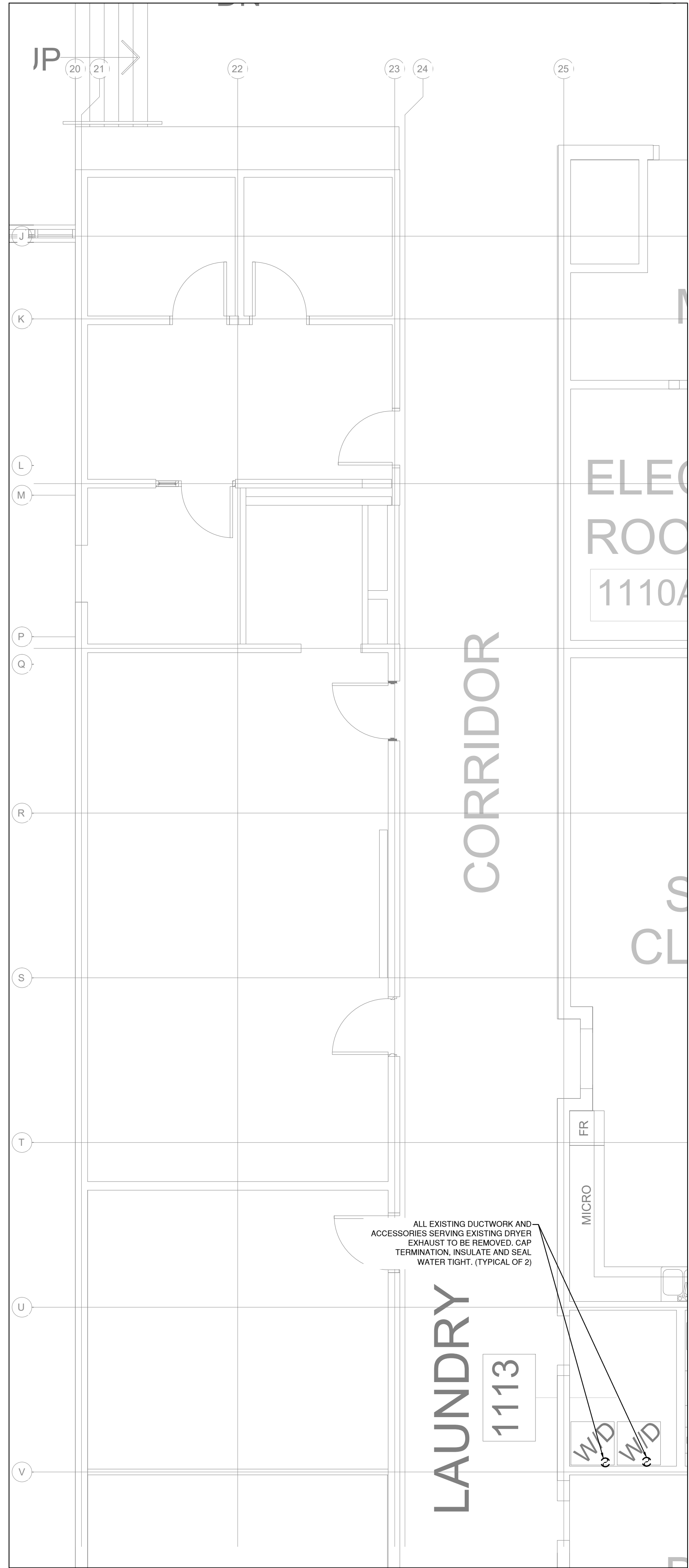


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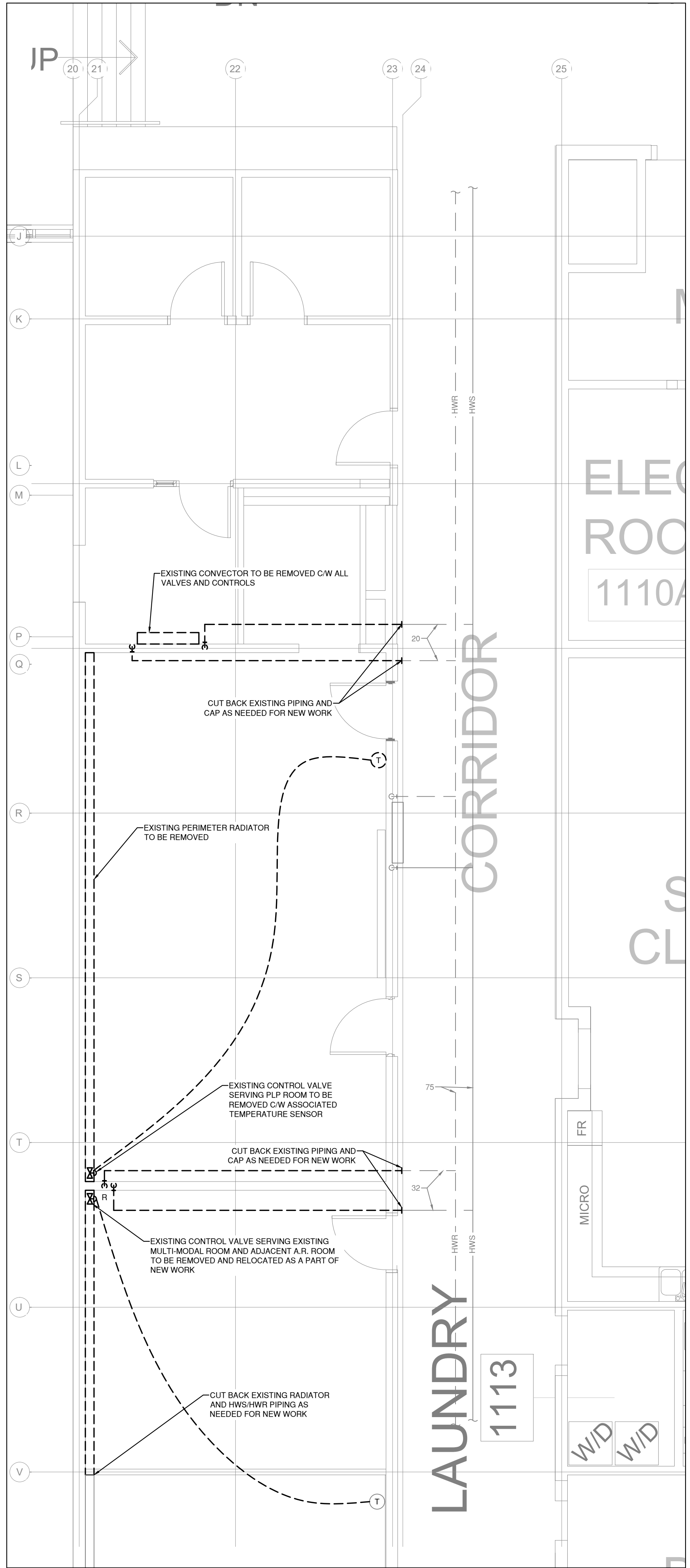
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**ABATEMENT GENERAL NOTES**

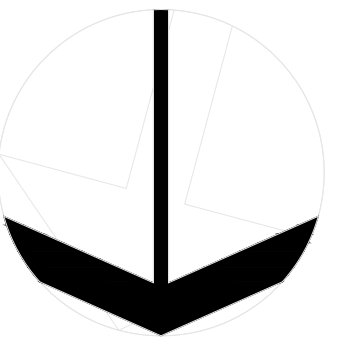
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1 PLP CLASSROOM - HVAC - DEMO  
M2.2 Scale: 1:50



2 PLP CLASSROOM - HVAC PIPING - DEMO  
M2.2 Scale: 1:50



2	ISSUED FOR TENDER & PERMIT	4/20/26
1	ISSUED FOR COORDINATION	3/25/26
NO	ISSUED	DATE

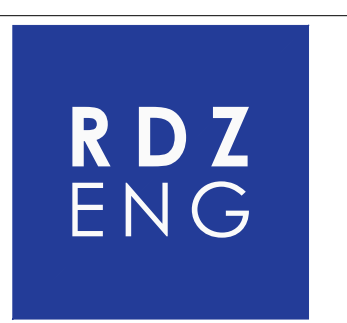
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PLP CLASSROOM -  
HVAC & HVAC  
PIPING PLANS -  
DEMOLITION



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**HVAC PIPING GENERAL NOTES**

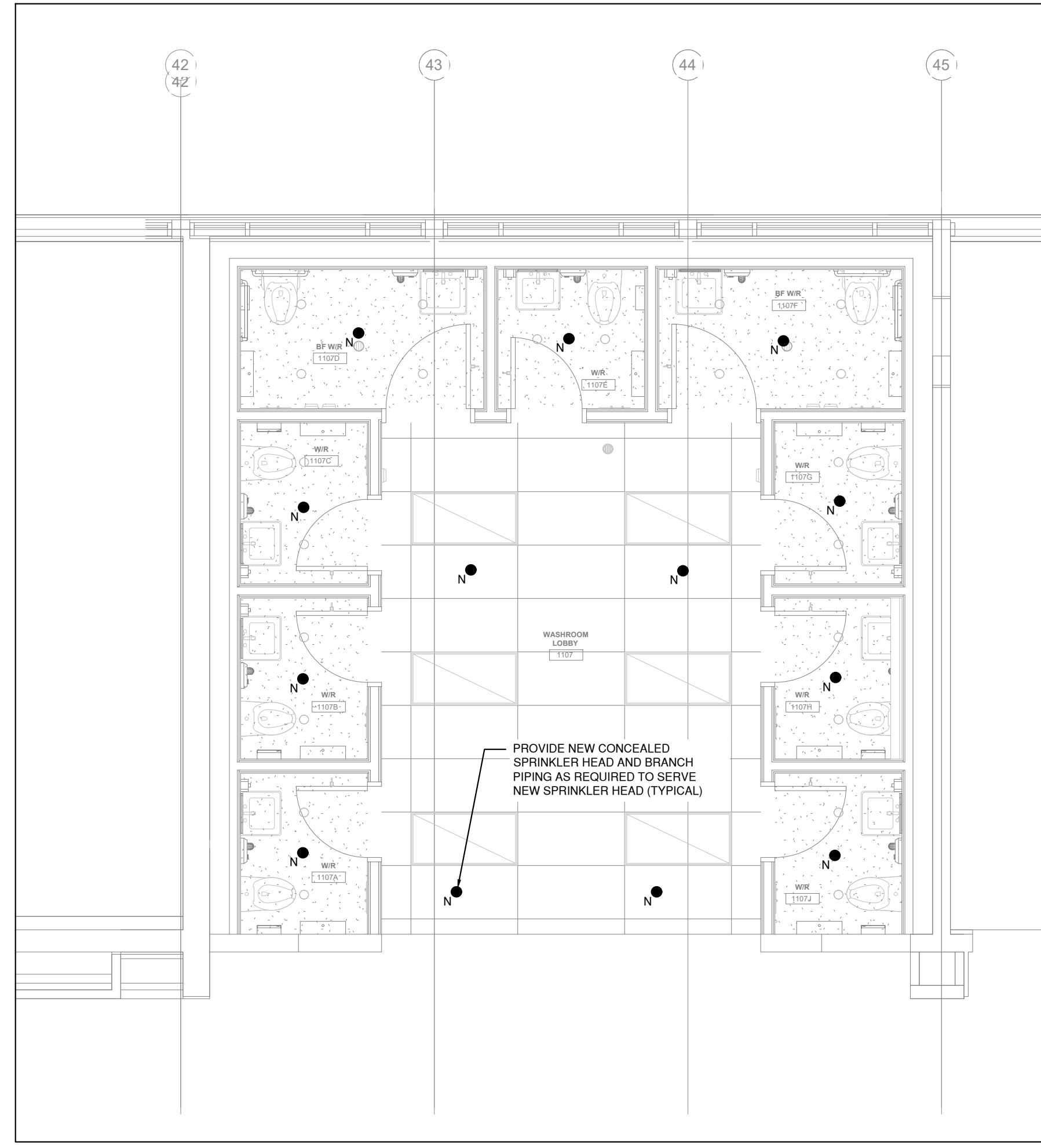
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- ALL PIPING SHALL BE INSULATED AS PER MECHANICAL SPECIFICATIONS. EXPOSED PIPING INSULATION WITHIN BUILDING SHALL BE PROVIDED WITH PVC JACKETING. EXPOSED PIPING OUTSIDE OF THE BUILDING IS TO BE PROVIDED WITH ALUMINUM JACKETING.
- PROVIDE FIRESTOPPING AND SMOKE SEALANT FOR ALL PIPE PENETRATIONS AT FIRE/SMOKE SEPARATIONS AS PER SPECIFICATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS FIRE/SMOKE RATINGS.
- WALL-FIN RADIATOR LENGTHS NOTED ON FLOOR PLANS ARE ACTIVE LENGTHS. ENCLOSURES ARE TO LENGTHS ARE TO BE SITE MEASURED AND CONFIRMED PRIOR TO ORDERING.

**HVAC DUCTWORK GENERAL NOTES**

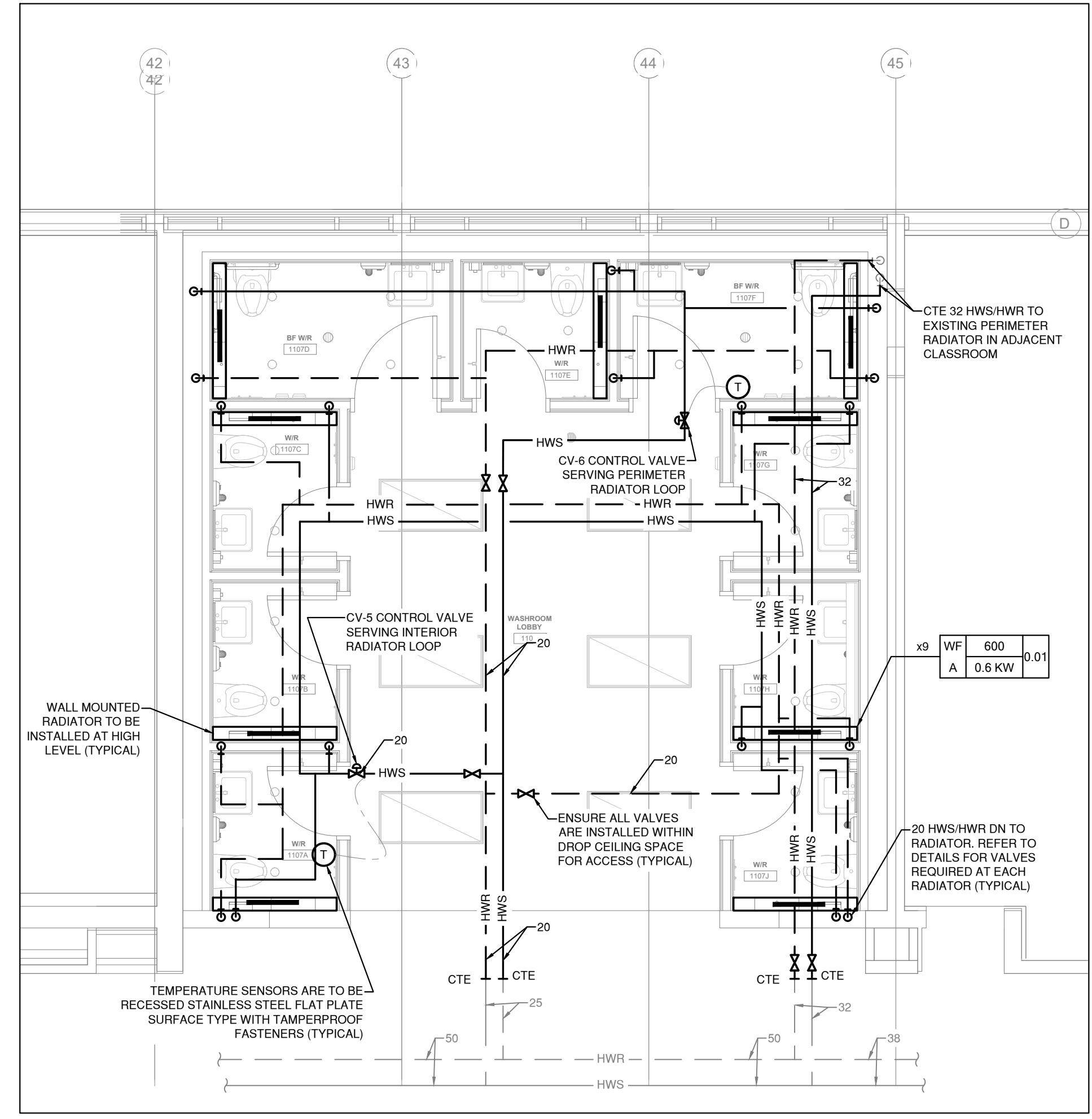
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- ALL DUCTWORK SHALL BE INSULATED AS PER MECHANICAL SPECIFICATIONS.
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- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT INSTALLATION LOCATIONS OF GRILLES AND DIFFUSERS.
- DIMENSIONS OF DIMENSIONS OF ACOUSTICALLY LINED DUCTWORK SHOWN REPRESENT THE FREE AREA OF DUCTWORK. DUCT SIZES SHALL BE ADJUSTED TO ACCOUNT FOR THICKNESS OF ACOUSTIC LINING PROVIDED TO MAINTAIN FREE AREA NOTED.

**PLUMBING GENERAL NOTES**

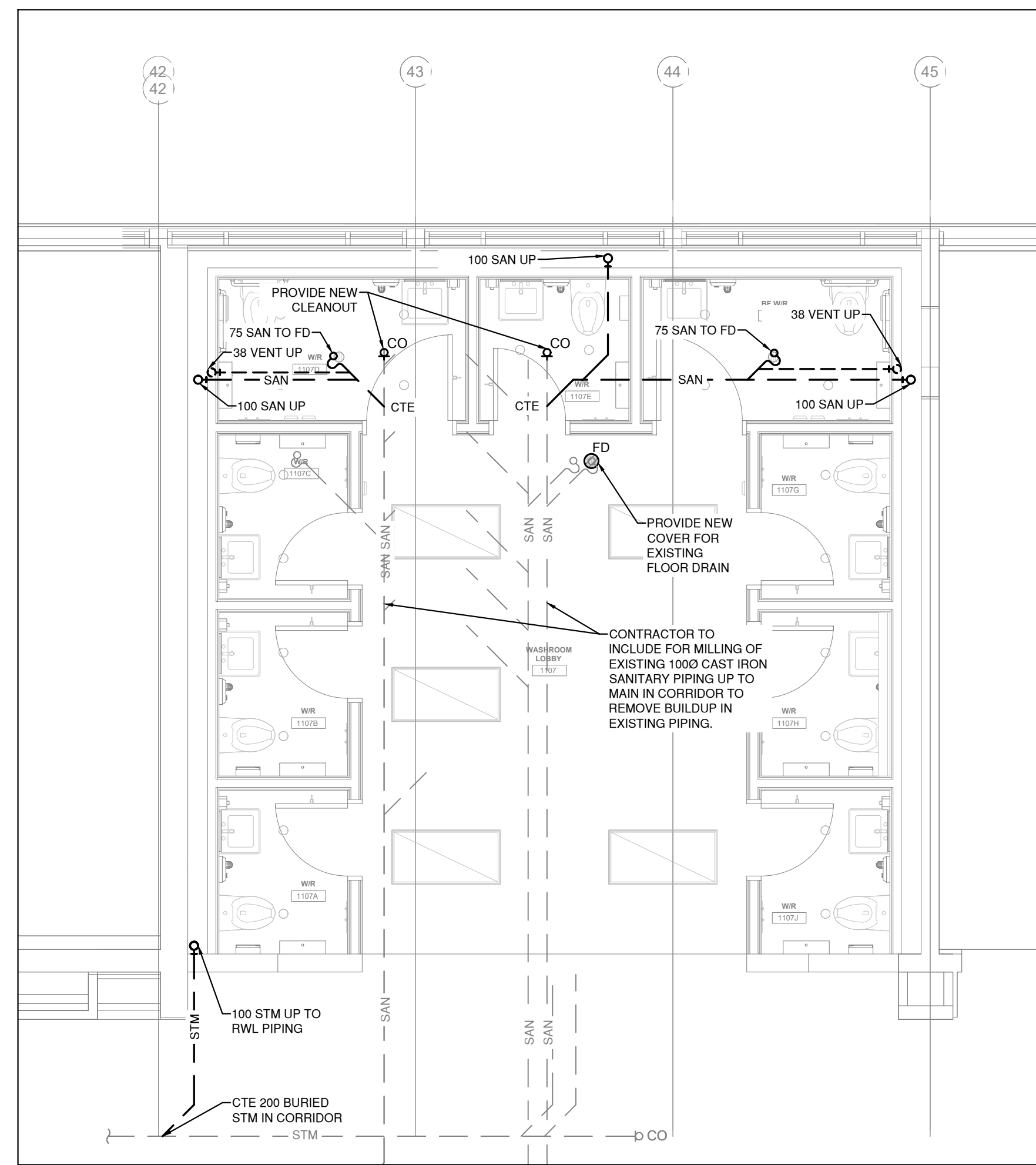
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- DRAINAGE PIPING SHALL BE SLOPED AT 1% UNLESS OTHERWISE NOTED.
- PROVIDE TRAP SEAL PRIMING TO ALL P-TRAPS.
- REFER TO MECHANICAL SPECIFICATIONS FOR PLUMBING FIXTURE REQUIREMENTS.
- PROVIDE FULL VENTING SYSTEM IN ACCORDANCE WITH OBC PART 7. COORDINATE ALL VENT TERMINATION POINTS TO MAINTAIN ADEQUATE CLEARANCE FROM MECHANICAL INTAKE OPENINGS.



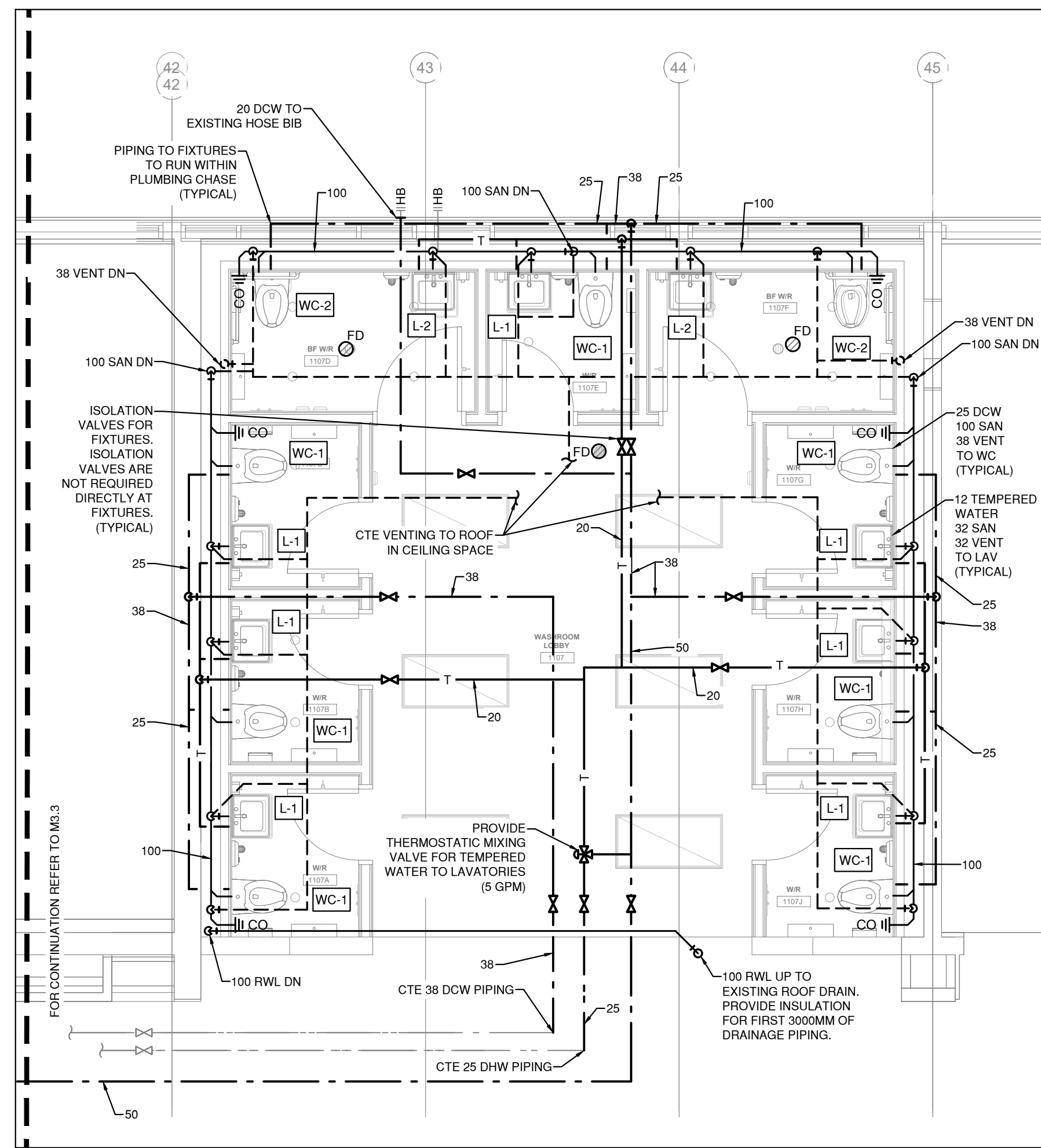
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Scale: 1:50



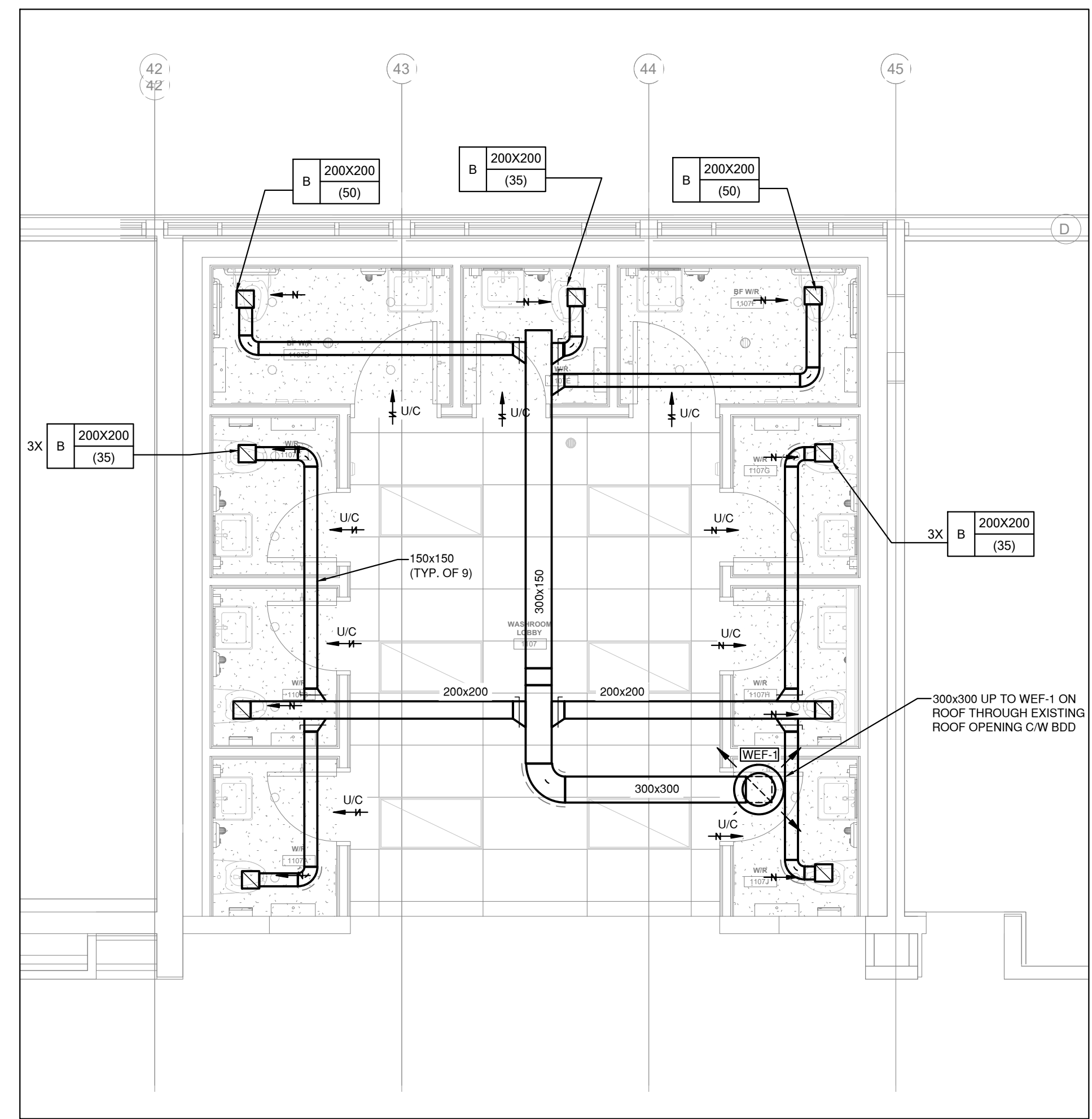
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Scale: 1:50



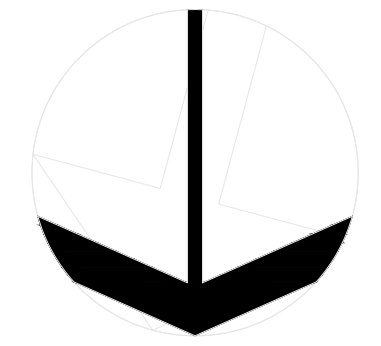
**1 WASHROOMS - BELOW GRADE DRAINAGE - NEW**  
Scale: 1:50



**2 WASHROOMS - PLUMBING - NEW**  
Scale: 1:50



**3 WASHROOMS - HVAC - NEW**  
Scale: 1:50



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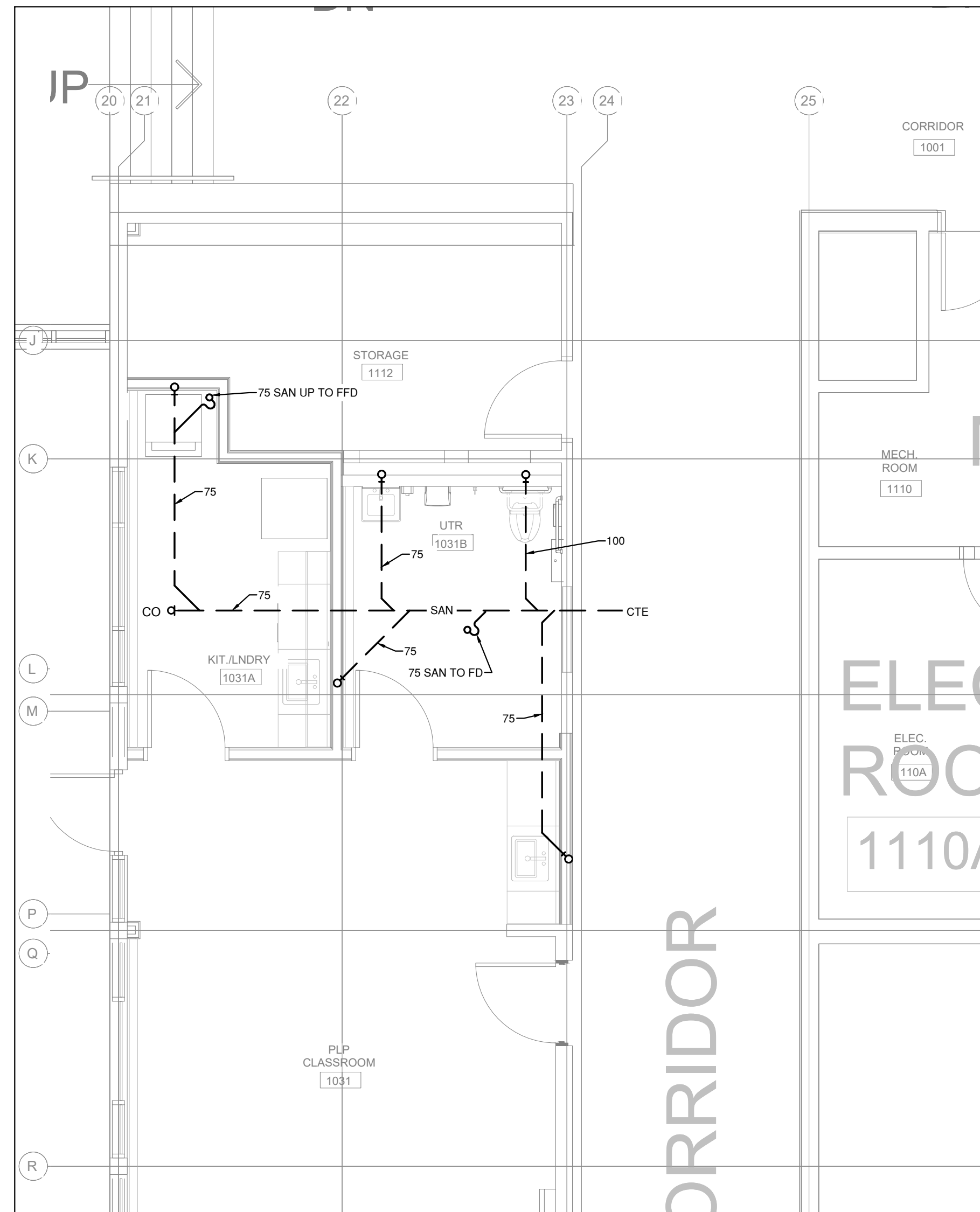


**WASHROOM PLANS - NEW WORK**



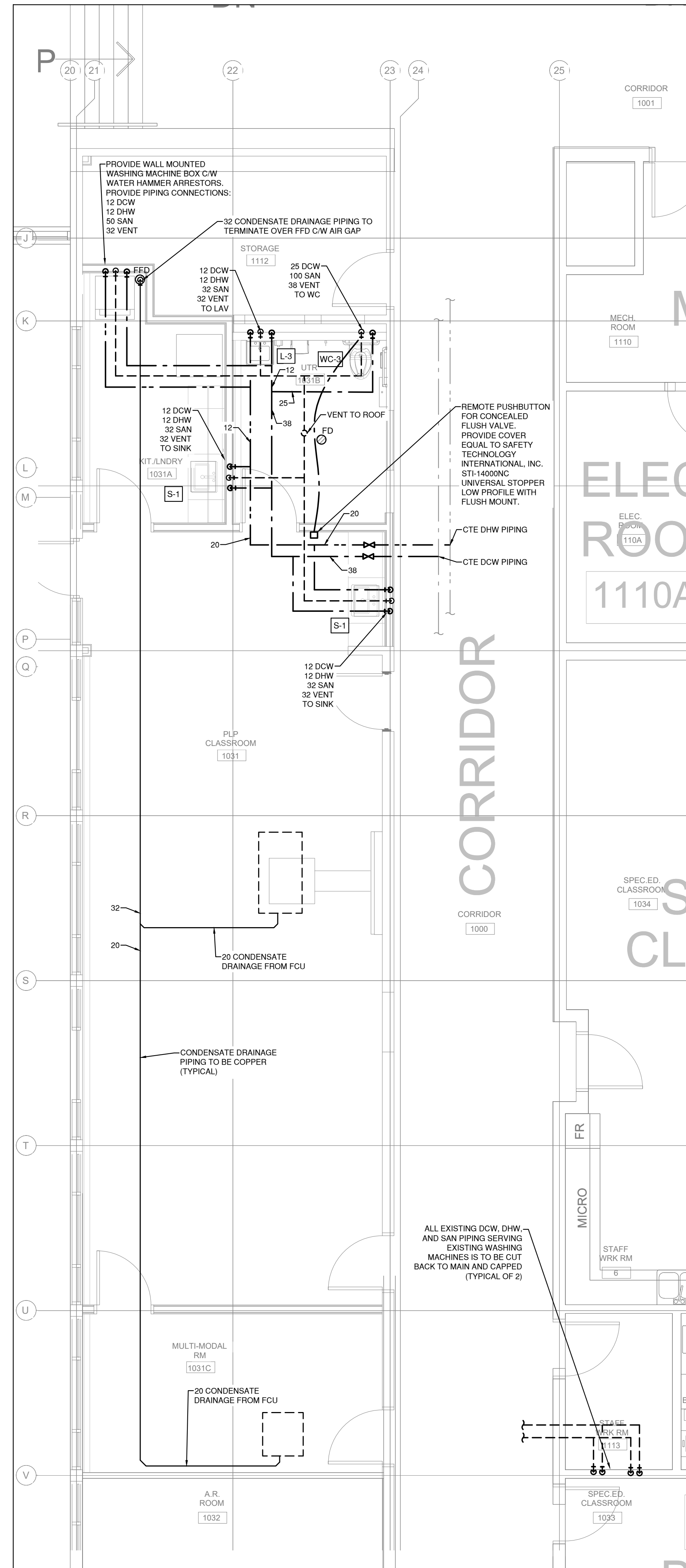
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SCALE	PROJECT
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DATE	Apr 2026
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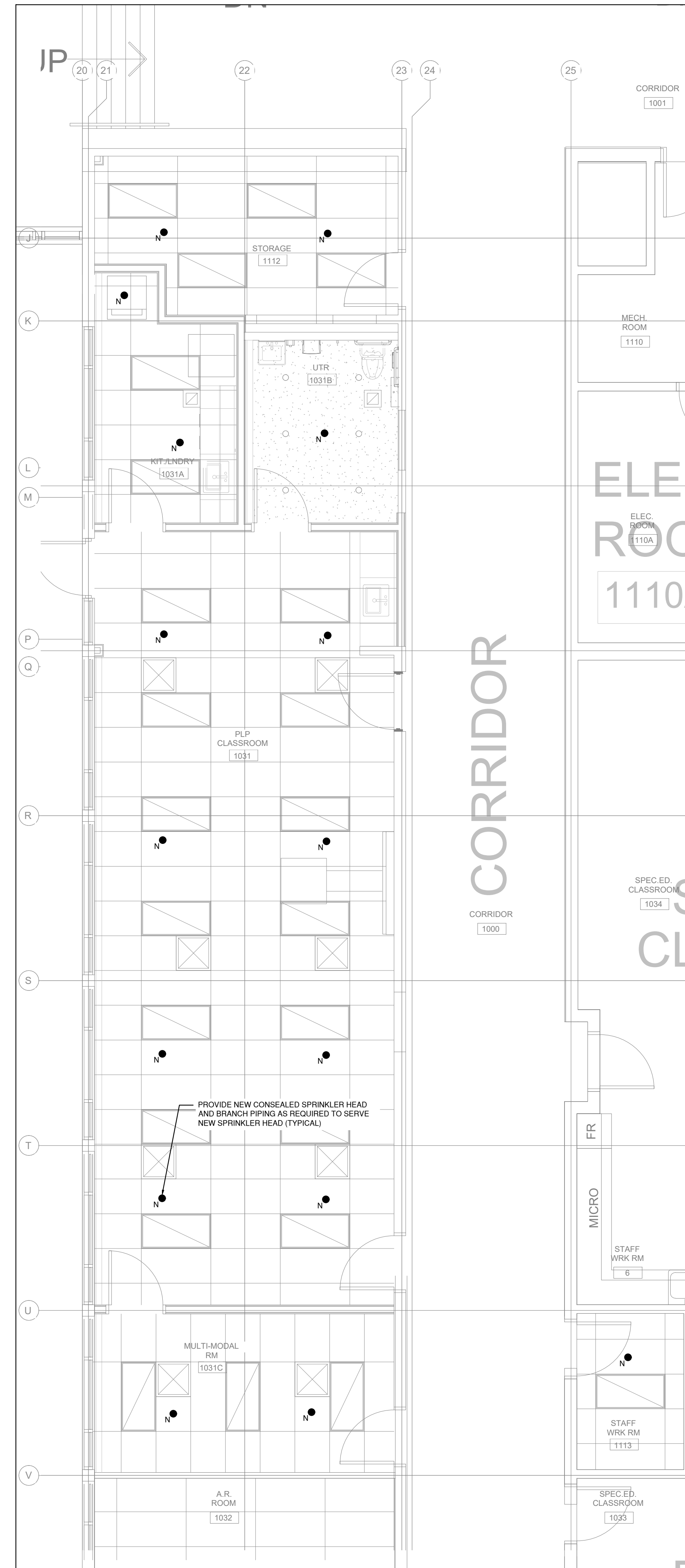


1 PLP CLASSROOM - BELOW GRADE DRAINAGE - NEW  
M3.1 Scale: 1:30

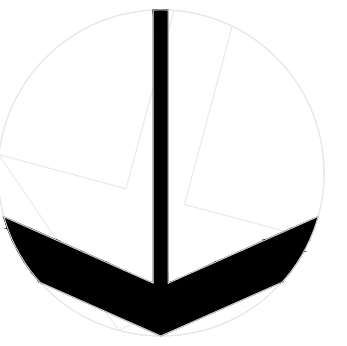
- PLUMBING GENERAL NOTES**
1. PROVIDE FIRESTOPPING AND SMOKE SEALANT FOR ALL PIPE PENETRATIONS AT FIRE/SMOKE SEPARATIONS AS PER SPECIFICATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS FIRE/SMOKE RATINGS.
  2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
  3. ENSURE THAT ALL EQUIPMENT REQUIRING MAINTENANCE IS ACCESSIBLE AND THAT ACCESS REQUIREMENTS ARE NOT OBSTRUCTED BY NEW SERVICES. PROVIDE ACCESS DOORS/PANELS WHERE REQUIRED.
  4. ALL PIPING SHALL BE INSULATED AS PER MECHANICAL SPECIFICATIONS. EXPOSED PIPING INSULATION WITHIN BUILDING SHALL BE PROVIDED WITH PVC JACKETING. EXPOSED PIPING OUTSIDE OF THE BUILDING IS TO BE PROVIDED WITH ALUMINUM JACKETING.
  5. DRAINAGE PIPING SHALL BE SLOPED AT 1% UNLESS OTHERWISE NOTED.
  6. PROVIDE TRAP SEAL PRIMING TO ALL P-TRAPS.
  7. REFER TO MECHANICAL SPECIFICATIONS FOR PLUMBING FIXTURE REQUIREMENTS.
  8. PROVIDE FULL VENTING SYSTEM IN ACCORDANCE WITH OBC PART 7. COORDINATE ALL VENT TERMINATION POINTS TO MAINTAIN ADEQUATE CLEARANCE FROM MECHANICAL INTAKE OPENINGS.



2 PLP CLASSROOM - PLUMBING - NEW  
M3.1 Scale: 1:30



3 PLP CLASSROOM - FIRE PROTECTION - NEW  
M3.1 Scale: 1:30



NO	ISSUED FOR	DATE
2	ISSUED FOR TENDER & PERMIT	4/20/26
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NO	ISSUED	DATE

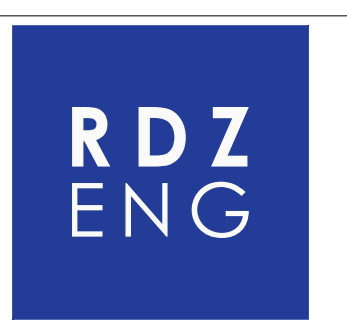
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AJAX HIGH SCHOOL

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PLP CLASSROOM -  
PLUMBING & FIRE  
PROTECTION  
PLANS - NEW  
WORK



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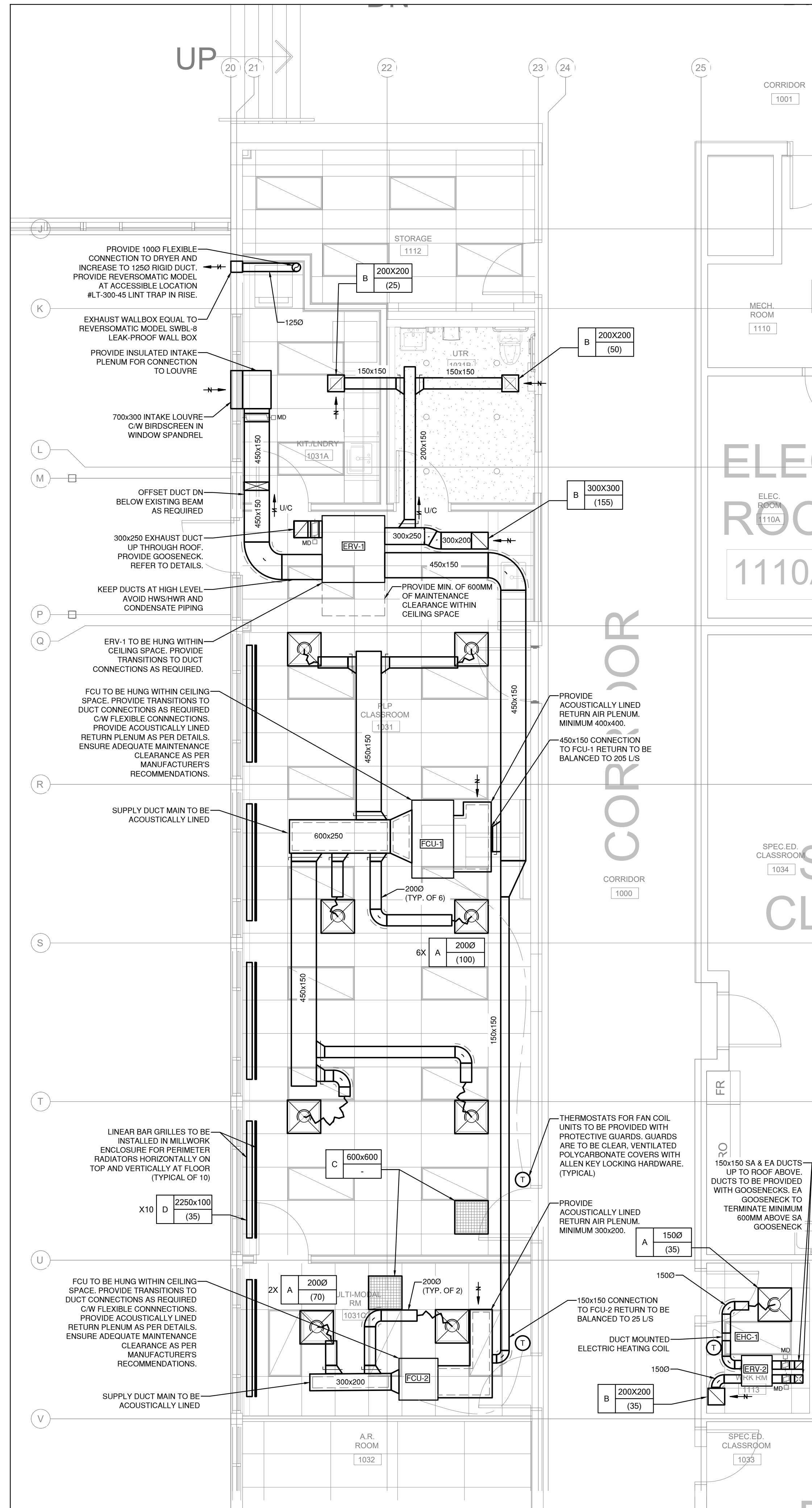
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**HVAC PIPING GENERAL NOTES**

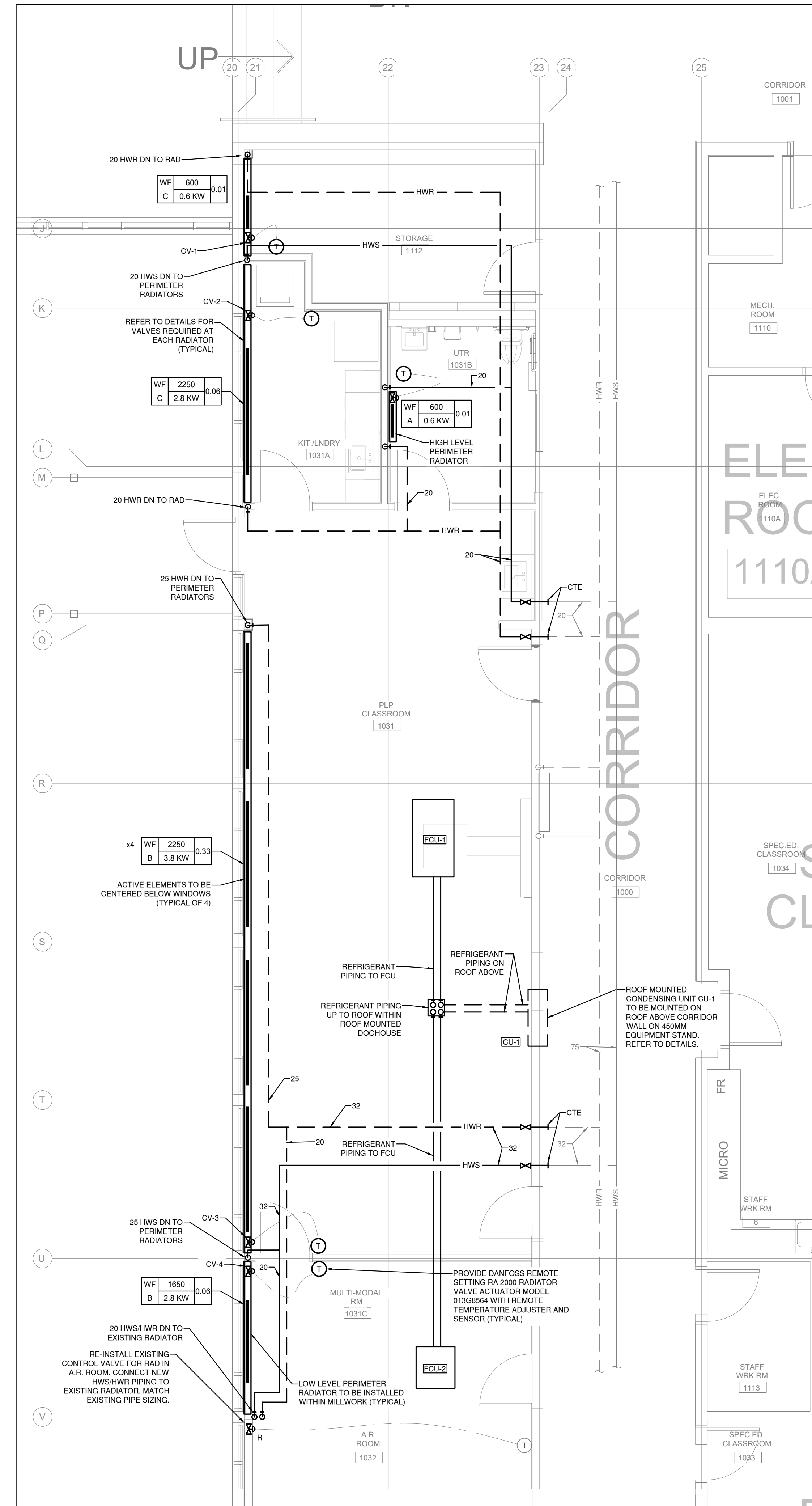
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**HVAC DUCTWORK GENERAL NOTES**

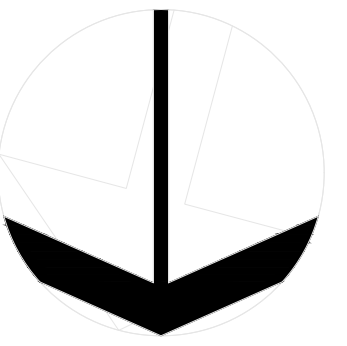
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- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT INSTALLATION LOCATIONS OF GRILLES AND DIFFUSERS.
- DIMENSIONS OF GRILLES AND DIFFUSERS.
- DIMENSIONS OF DIMENSIONS OF ACOUSTICALLY LINED DUCTWORK SHOWN REPRESENT THE FREE AREA OF DUCTWORK. DUCT SIZES SHALL BE ADJUSTED TO ACCOUNT FOR THICKNESS OF ACOUSTIC LINING PROVIDED TO MAINTAIN FREE AREA NOTED.



1 M3.2 PLP CLASSROOM - HVAC - DEMO Scale: 1:50



2 M3.2 PLP CLASSROOM - HVAC PIPING - DEMO Scale: 1:50



NO.	ISSUED FOR TENDER & PERMIT	4/20/26
1.	ISSUED FOR COORDINATION	3/25/26
2.	ISSUED	

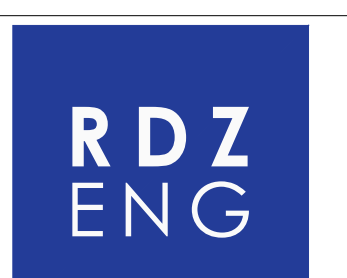
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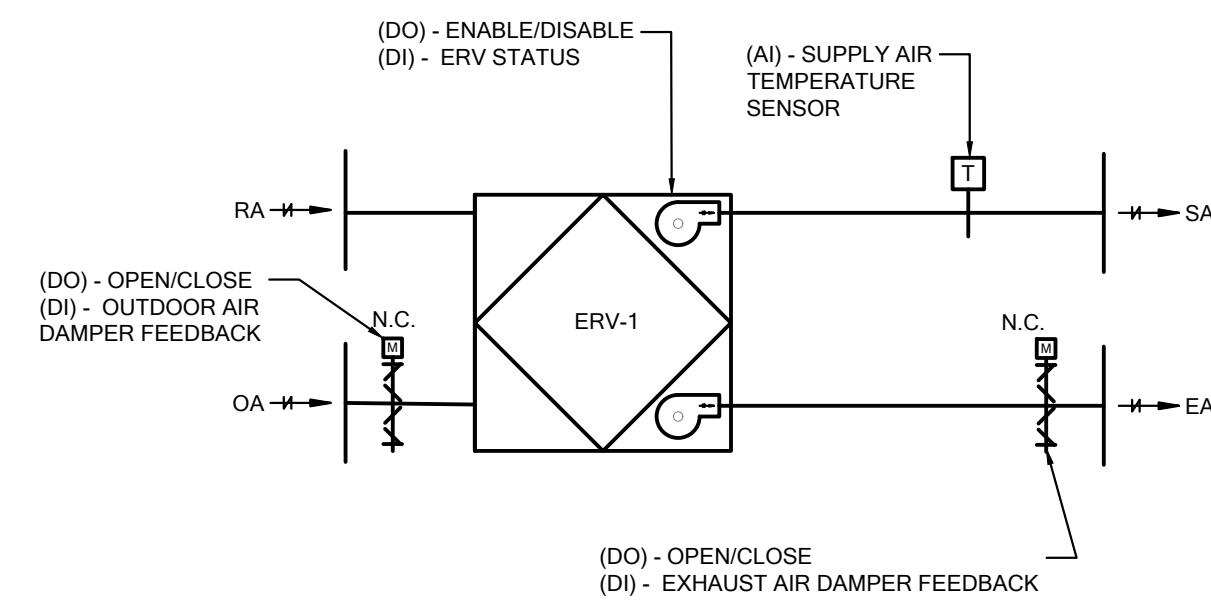
PLP CLASSROOM - HVAC & HVAC PIPING PLANS - NEW WORK



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Vaughan, Ontario L4K 4A5  
e-mail: info@rdzeng.ca

SCALE	PROJECT
DATE	25198
DRAWN	DRAWING
CHECKED	M3.2
PRINT DATE	April 20, 2026 5:29:57 PM
REVIT FILE	





**SEQUENCE OF OPERATION**

1. THIS SYSTEM SHALL HAVE TWO (2) OPERATING MODES BASE ON TIME OF DAY SCHEDULE:
2. WHEN IN 'OCCUPIED' MODE: OPEN O/A AND E/A MOTORIZED DAMPERS. ONCE DAMPERS HAVE BEEN PROVEDN OPEN, ENABLE ENERGY RECOVERY VENTILATOR (ERV) AND OPERATE CONTINUOUSLY AT FULL SPEED.
3. WHEN IN 'UNOCCUPIED' MODE: CLOSE O/A AND E/A MOTORIZED DAMPERS. DISABLE ENERGY RECOVERY VENTILATOR.

**NOTES:**

- A. UNIT SHALL OPERATE UNDER ITS OWN SET OF CONTROLS AND SAFETIES FOR FROST PROTECTION.

**ALARMS**

1. ERV FAILURE/IN HAND
2. OUTDOOR/EXHAUST DAMPER FAILURE

**TRENDS**

1. ERV - ERV STATUS

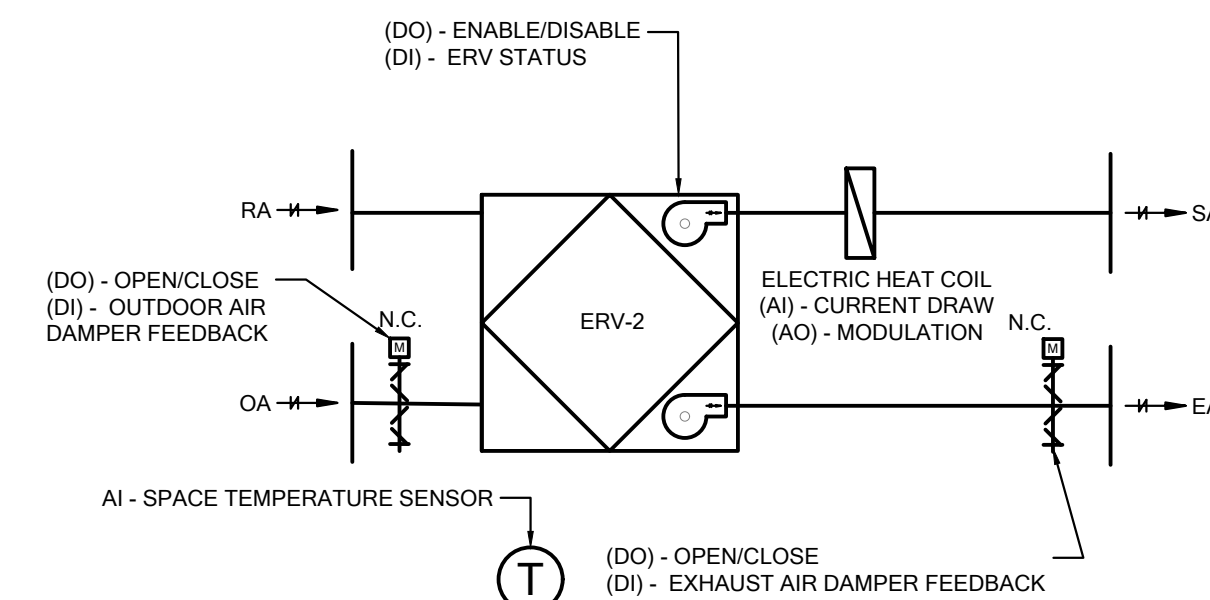
**GRAPHICS**

SYSTEM GRAPHICS SHALL INCLUDE THE FOLLOWING ITEMS:

1. ALL CONTROL POINTS
2. SETPOINTS (ALL SHALL BE ADJUSTABLE)
3. OCCUPIED SCHEDULE (SHALL BE ADJUSTABLE)
4. TRENDS
5. ALARMS

**PLP CLASSROOM 1031 - VENTILATION (ERV-1)**

CONTROL DIAGRAM



**SEQUENCE OF OPERATION**

1. THIS SYSTEM SHALL HAVE TWO (2) OPERATING MODES BASE ON TIME OF DAY SCHEDULE:
2. WHEN IN 'OCCUPIED' MODE: OPEN O/A AND E/A MOTORIZED DAMPERS. ONCE DAMPERS HAVE BEEN PROVEDN OPEN, ENABLE ENERGY RECOVERY VENTILATOR (ERV) AND OPERATE CONTINUOUSLY AT FULL SPEED.

ELECTRIC HEATING COIL SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE OF 22°C (ADJUSTABLE).

3. WHEN IN 'UNOCCUPIED' MODE: CLOSE O/A AND E/A MOTORIZED DAMPERS. DISABLE ENERGY RECOVERY VENTILATOR AND HEATING COIL. IF SPACE TEMPERATURE DROPS BELOW 16°C (ADJUSTABLE) ERV AND HEATING COIL SHALL BE ENABLED UNTIL A SPACE TEMPERATURE OF 18°C (ADJUSTABLE) IS MET.

**NOTES:**

- A. UNIT SHALL OPERATE UNDER ITS OWN SET OF CONTROLS AND SAFETIES FOR FROST PROTECTION.

**ALARMS**

1. ERV FAILURE/IN HAND
2. OUTDOOR/EXHAUST DAMPER FAILURE
3. SPACE TEMPERATURE HIGH/LOW ALARM

**TRENDS**

1. ERV - ERV STATUS

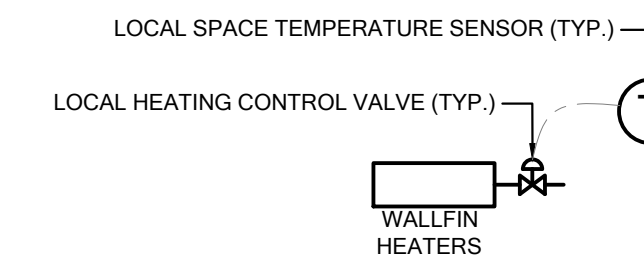
**GRAPHICS**

SYSTEM GRAPHICS SHALL INCLUDE THE FOLLOWING ITEMS:

1. ALL CONTROL POINTS
2. SETPOINTS (ALL SHALL BE ADJUSTABLE)
3. OCCUPIED SCHEDULE (SHALL BE ADJUSTABLE)
4. TRENDS
5. ALARMS

**WORK ROOM 1113 - VENTILATION (ERV-2)**

CONTROL DIAGRAM



**SEQUENCE OF OPERATION**

1. SYSTEM WILL OPERATE ON ITS OWN SET OF CONTROLS AND SAFETIES TO MAINTAIN LOCALLY ADJUSTABLE TEMPERATURE SETPOINT.

**NOTES**

1. REFER TO FLOORPLANS FOR LOCATIONS AND QUANTITIES OF CONTROL VALVES AND TEMPERATURE SENSORS.

**WALL FIN HEATER CONTROLS**

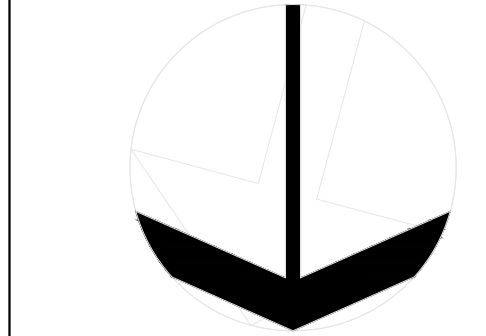
CONTROL DIAGRAM

**NOTES**

1. THE BASE BUILDING CONTROLS CONTRACTOR IS SIEMENS. ALL NEW CONTROLS SYSTEMS ARE TO BE INTEGRATED INTO THE EXISTING BUILDING AUTOMATION SYSTEM BY SIEMENS.
2. DDSB SHALL SUPPLY ALL ELECTRIC (24V) AND NEW BAS CONTROL VALVES AND TURN OVER CONTROL VALVE BODIES TO MECHANICAL CONTRACTOR FOR INSTALLATION. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PICKING UP VALVES FROM DDSB OFFICE AND TRANSPORTING VALVES TO SITE. COORDINATE WITH DDSB.
3. SCOPE OF WORK SHALL INCLUDE BUT IS NOT LIMITED TO:
  1. REMOVAL OF REDUNDANT CONTROLS.
  2. PROVIDE NEW SPACE SENSORS.
  3. PROVIDE NEW OR UPGRADE EXISTING BAS CONTROLLERS AS INDICATED AND FOR COMPLETELY FUNCTIONAL SYSTEMS. THE NEW CONTROLLERS IN TO EXISTING BAS CONTROL NETWORK. RELOCATE EXISTING CONTROLLERS AS REQUIRED AND TIE BACK INTO EXISTING BAS CONTROL NETWORK.
  4. PROVIDE CONTROL POINTS AS REQUIRED FOR COMPLETE CONTROL OF NEW HOT WATER WALLFIN HEATERS.
4. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF JUNCTION BOXES PROVIDED BY THE ELECTRICAL TRADE, FOR THE PROVISION OF POWER TO CONTROLS SYSTEMS.
5. ALL CONTROL WIRING IN AREAS WITH EXPOSED CEILINGS SHALL BE PROVIDED IN CONDUIT. ALL CONTROL WIRING EXPOSED WITHIN FINISHED SPACES SHALL BE IN WITHIN WIRE MOLD.
6. RENAME ALL NEW EQUIPMENT TAG AND CONTROL POINTS ON BAS TO SUIT NEW CONSTRUCTION AS INDICATED ON DOCUMENTS.
7. ALL NEW EQUIPMENT REPLACED AND PROVIDED AS PART OF THIS PROJECT SHALL BE OPERATED BY NEW ELECTRONIC/DIGITAL CONTROLS. THE NEW ELECTRONIC/DIGITAL CONTROLS SHALL BE CONNECTED TO THE SCHOOL BAS.
8. THE MECHANICAL CONTRACTOR SHALL RETAIN APS CONTROLS FOR DEMOLITION AND REWORK OF ANY EXISTING PNEUMATIC CONTROLS SYSTEM WITHIN THIS PROJECT SCOPE UNDER A CASH ALLOWANCE. THE MECHANICAL PRIME CONTRACTOR SHALL CARRY APS CONTROLS AS A SUB-TRADE. CONTACT: DAVE STRAIN - ANALYSTSOFPNEUMATIC@BELLNET.CA

APS CONTROLS RESPONSIBLE TO FOLLOW AND CONFIRM MAIN PNEUMATIC LINES SERVING THE DEVICES BEING DEMOLISHED/REPLACED AS PART OF THIS PROJECT SCOPE. APS CONTROLS IS ALSO RESPONSIBLE TO CONFIRM OPERATION OF EXISTING AIR COMPRESSOR RUNS IN SIMILAR FASHION PRIOR TO DEMOLITION AND UPON COMPLETION OF CONSTRUCTION (I.E. INTERMITTENT AS NEEDED AND NOT CONTINUOUSLY) TO ENSURE THERE IS NO LEAKS RESULTED FROM CONSTRUCTION WORK.

**GENERAL CONTROL NOTES**



NO	ISSUED FOR	DATE
1.	ISSUED FOR COORDINATION	3/25/26
2.	ISSUED FOR TENDER & PERMIT	4/20/26
	ISSUED	

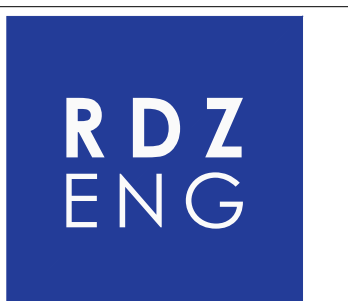
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AJAX HIGH SCHOOL

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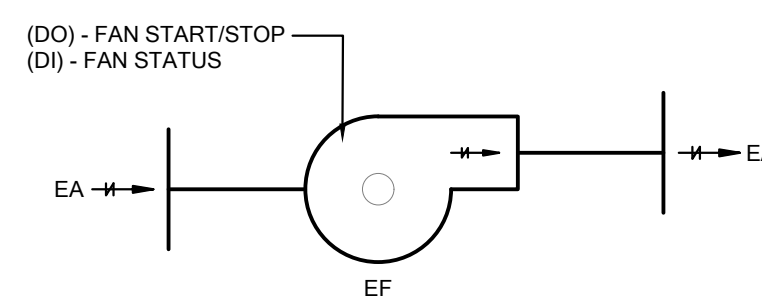


**CONTROL SEQUENCES**



RDZ ENGINEERS LTD  
17A - 30 Pennsylvania Avenue  
Vaughan, Ontario L4K 4A5  
e mail: info@rdzeng.ca

SCALE	PROJECT
N.T.S.	25198
DATE	Apr 2026
DRAWN	DRAWING
CHECKED	M5.0
PRINT DATE	April 20, 2026 5:26:57 PM
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**SEQUENCE OF OPERATION**

1. BAS TO ENABLE EXHAUST FAN BASE ON TIME OF DAY SCHEDULE. ONCE ENABLED, FAN SHALL OPERATE CONTINUOUSLY.

**FANS:** THIS SEQUENCE APPLIES TO THE FOLLOWING FANS:

- WASHROOM EXHAUST FAN 'WEF-1'

**ALARMS**

1. FAN FAILURE/IN HAND

**TRENDS**

1. EXHAUST FAN: - FAN STATUS

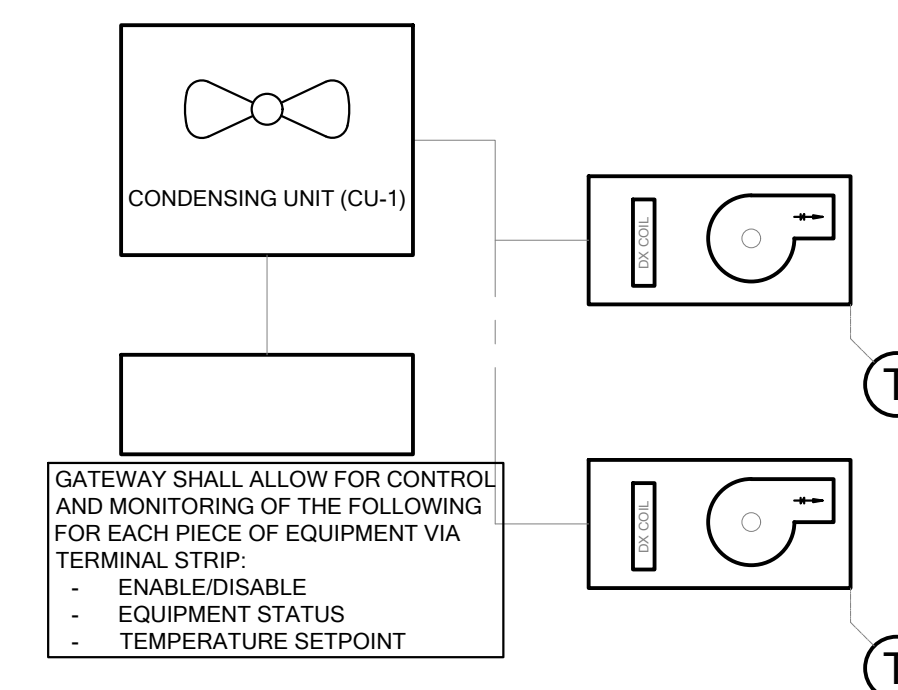
**GRAPHICS**

SYSTEM GRAPHICS SHALL INCLUDE THE FOLLOWING ITEMS:

1. ALL CONTROL POINTS
2. SETPOINTS (ALL SHALL BE ADJUSTABLE)
3. OCCUPIED SCHEDULE (SHALL BE ADJUSTABLE)
4. TRENDS
5. ALARMS

**TOILET EXHAUST FAN**

CONTROL DIAGRAM



**SEQUENCE OF OPERATION**

1. VRF SYSTEM SHALL BE ENABLED BY BAS BASED ON TIME OF DAY SCHEDULE. ONCE ENABLED, VRF SYSTEMS SHALL OPERATE ON ITS OWN SAFETIES AND CONTROLS TO MEET LOAD DEMANDS AND MAINTAIN OPTIMAL EFFICIENCY.
2. DURING OCCUPIED HEATING MODE, HEATING CONTROL VALVE SHALL BE ENABLED IN MINIMUM POSITION. VRF INDOOR FAN COIL UNIT SHALL PROVIDE FIRST STAGE OF HEATING TO MAINTAIN SPACE TEMPERATURE SETPOINT OF 22°C (ADJUSTABLE). IF SPACE TEMPERATURE SETPOINTS ARE NOT MET WITHIN 30 MINUTES (ADJUSTABLE), CONTROL VALVES TO MODULATE IN ORDER TO MAINTAIN SETPOINT.
3. DURING UNOCCUPIED HEATING MODE, VRF INDOOR FAN COIL UNIT SHALL BE DISABLED. HEATING CONTROL VALVE SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE SETPOINT OF 22°C (ADJUSTABLE).
4. DURING OCCUPIED COOLING MODE, HEATING CONTROL VALVE SHALL BE CLOSED. VRF INDOOR FAN COIL UNIT SHALL MAINTAIN SPACE TEMPERATURE SETPOINT OF 24°C (ADJUSTABLE).
5. VRF SHALL NOT PROVIDE COOLING DURING UNOCCUPIED TIMES.

**ALARMS**

1. EQUIPMENT FAILURE/IN HAND
2. SPACE TEMPERATURE HIGH/LOW ALARM

**TRENDS**

1. VRF OUTDOOR UNIT - UNIT STATUS
2. VRF INDOOR UNITS - UNIT STATUS
3. SPACE TEMPERATURE

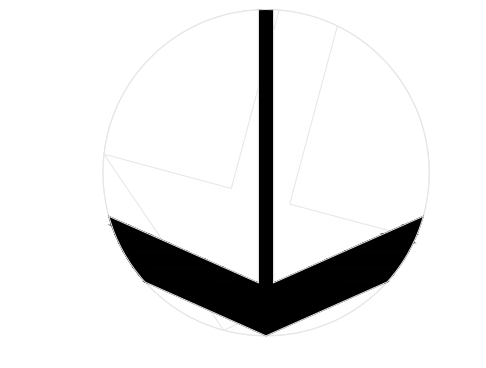
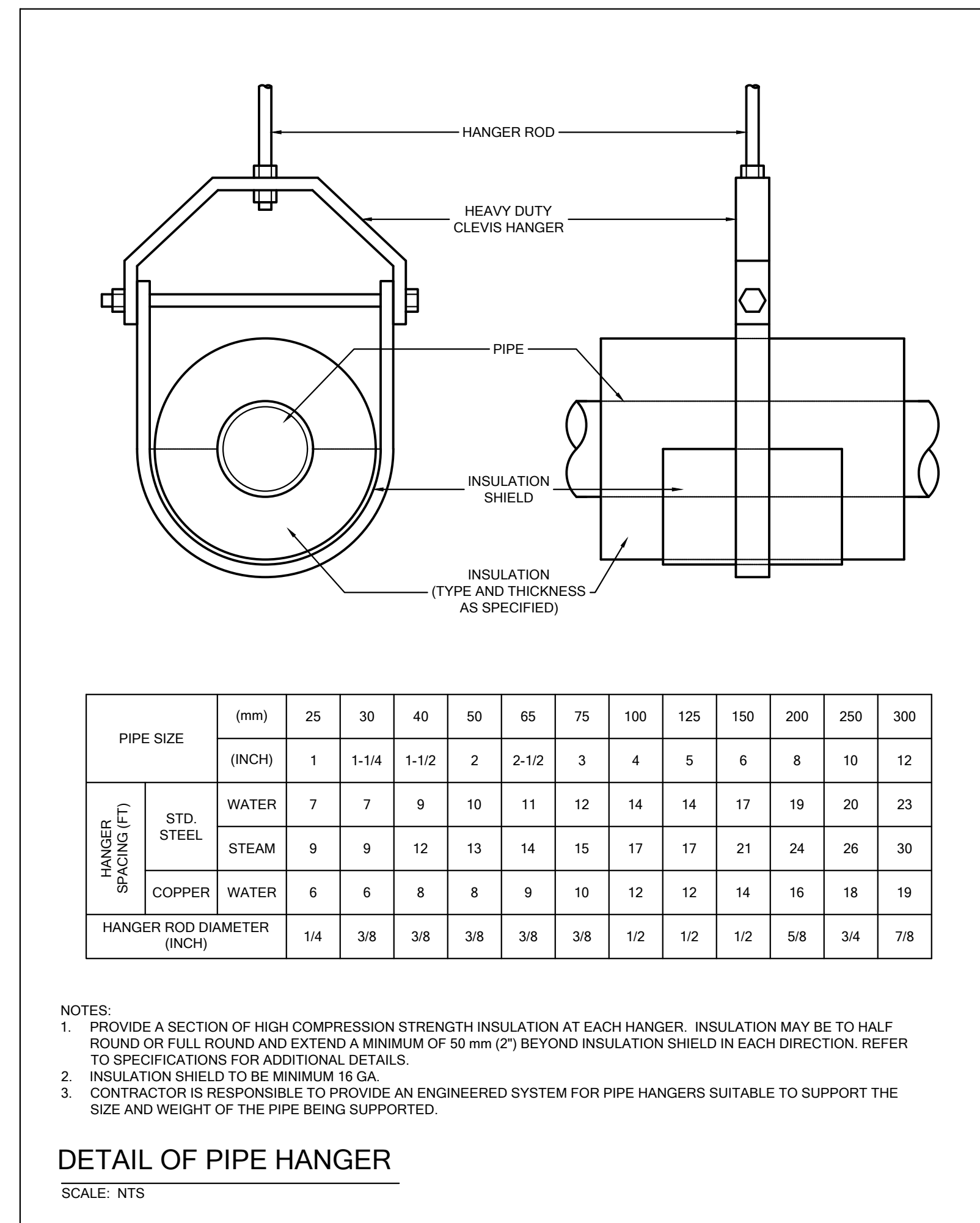
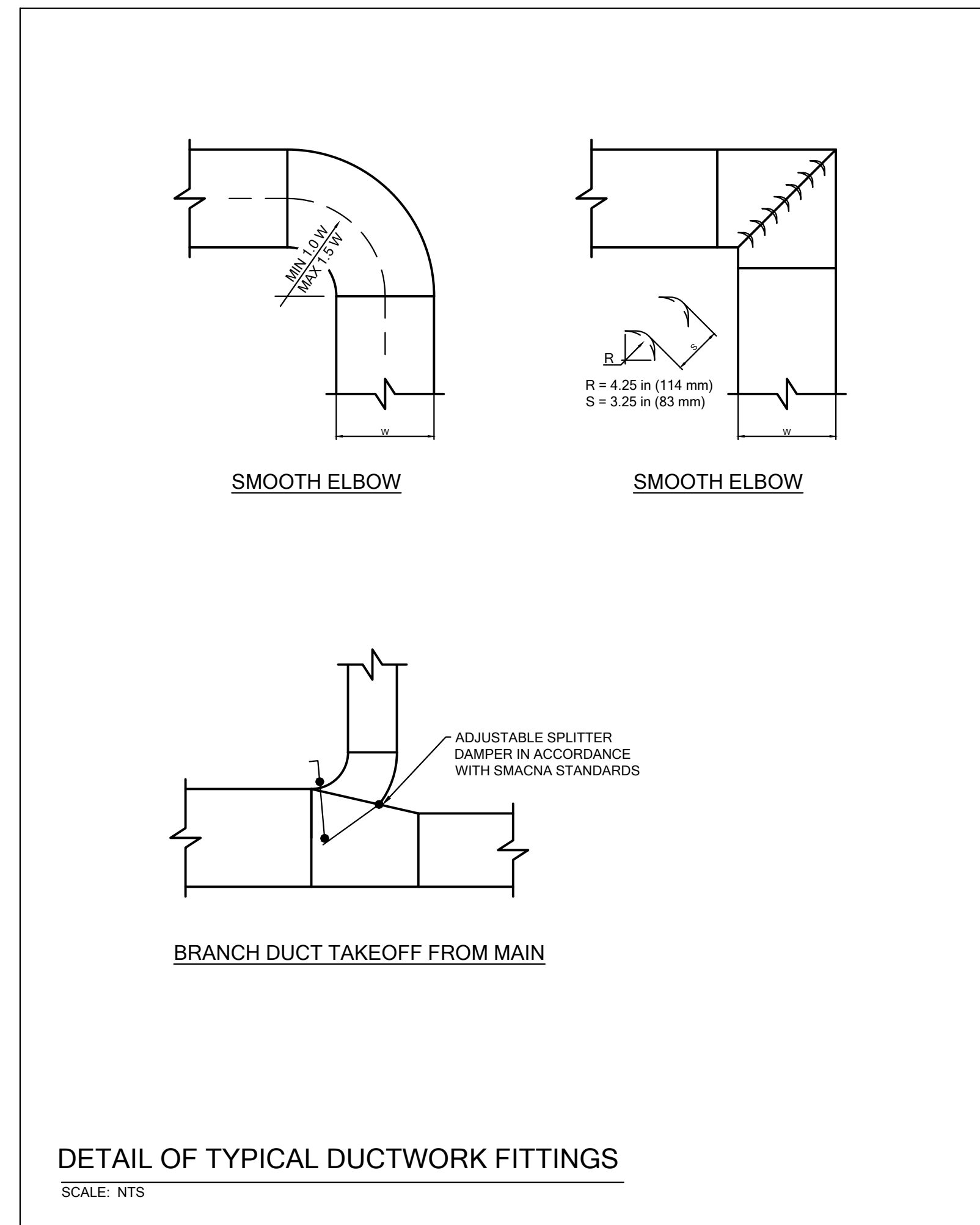
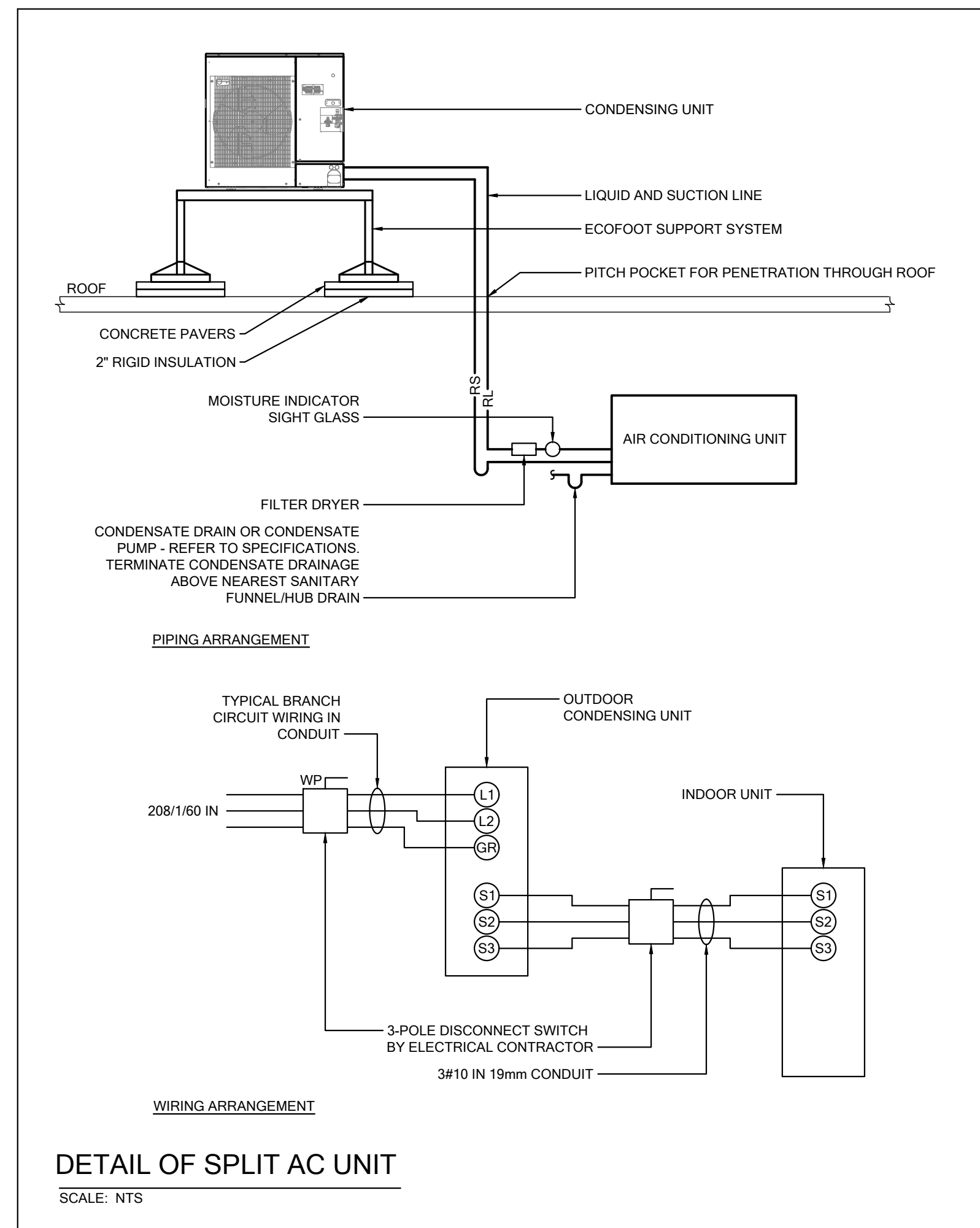
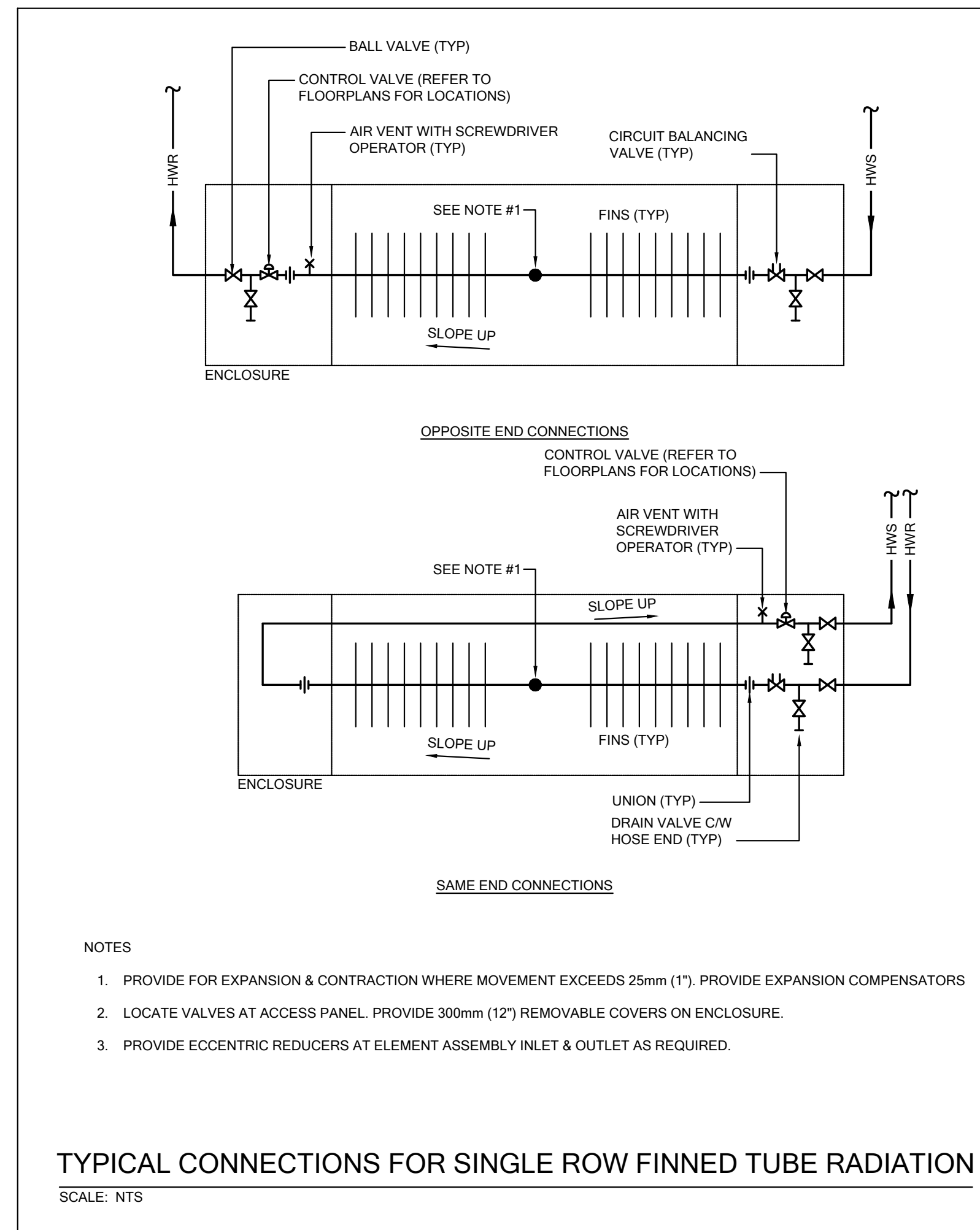
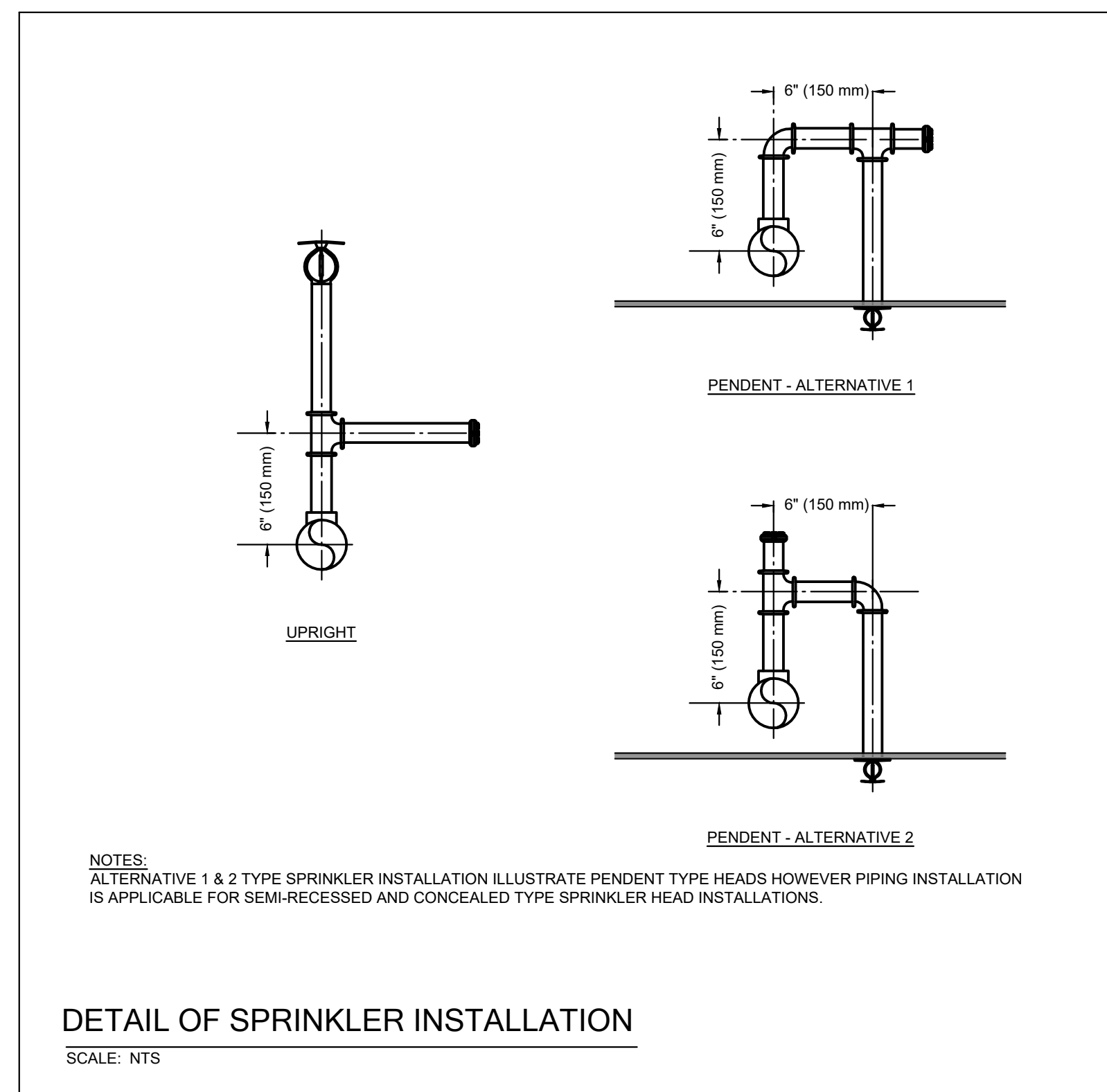
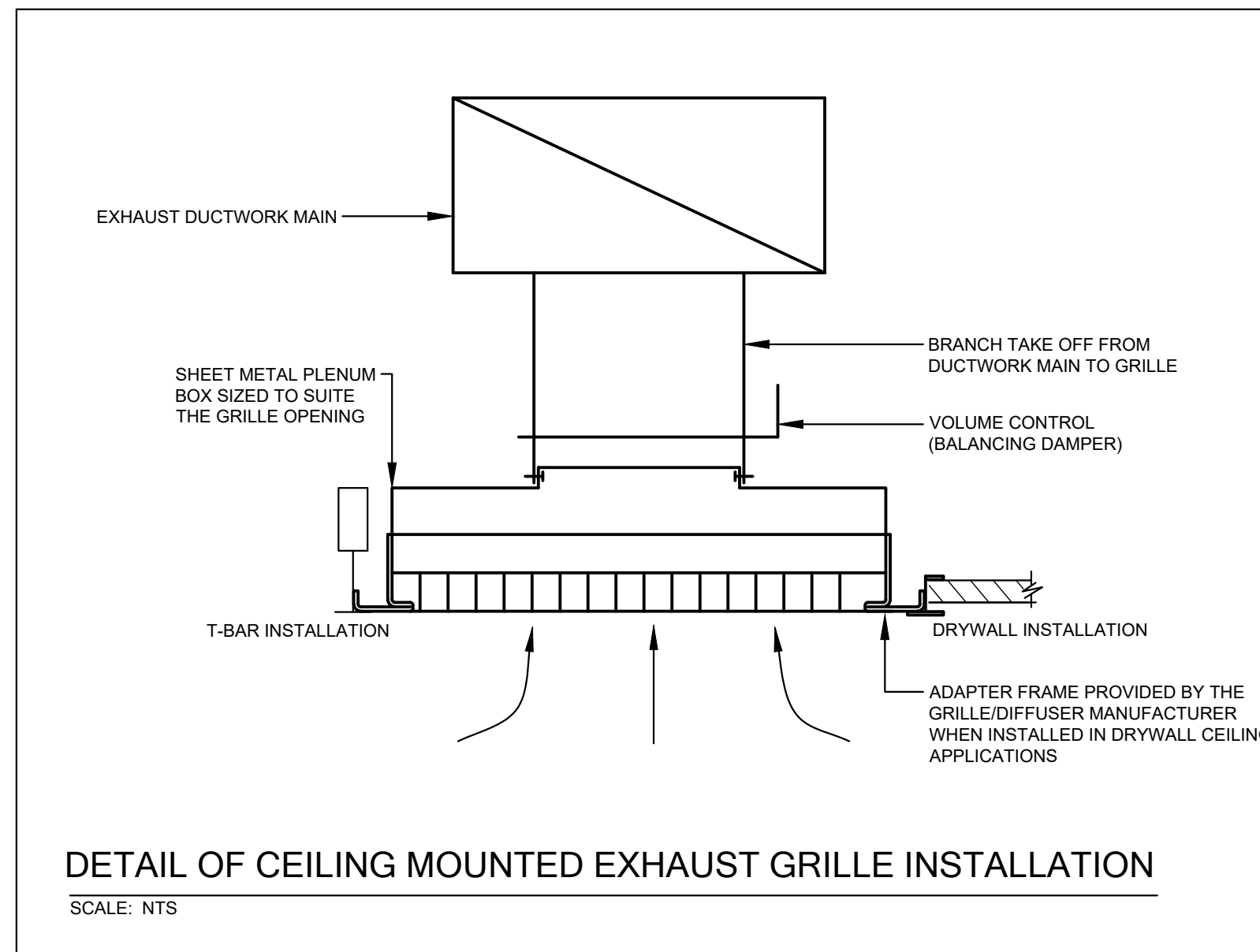
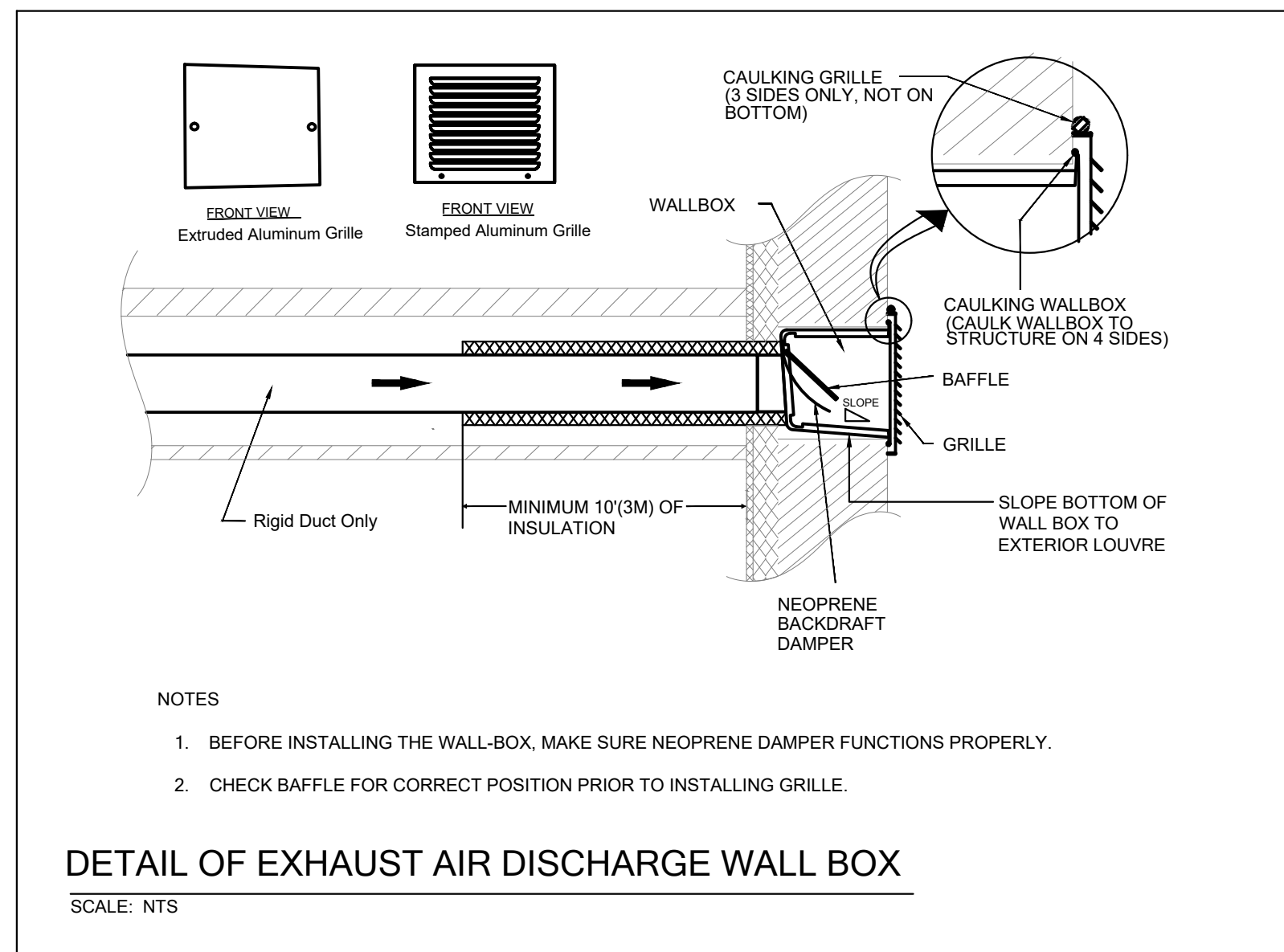
**GRAPHICS**

SYSTEM GRAPHICS SHALL INCLUDE THE FOLLOWING ITEMS:

1. ALL CONTROL POINTS
2. SETPOINTS (ALL SHALL BE ADJUSTABLE)
3. OCCUPIED SCHEDULE (SHALL BE ADJUSTABLE)
4. TRENDS
5. ALARMS

**VARIABLE REFRIGERANT FLOW (VRF) SYSTEM**

CONTROL DIAGRAM



NO.	ISSUED FOR TENDER & PERMIT	DATE
1.	ISSUED FOR COORDINATION	3/25/26
2.	ISSUED	

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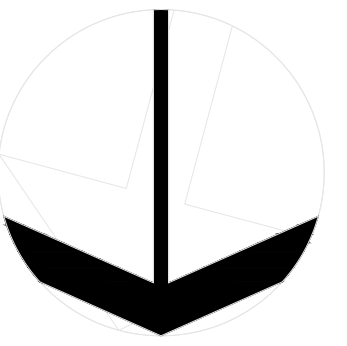
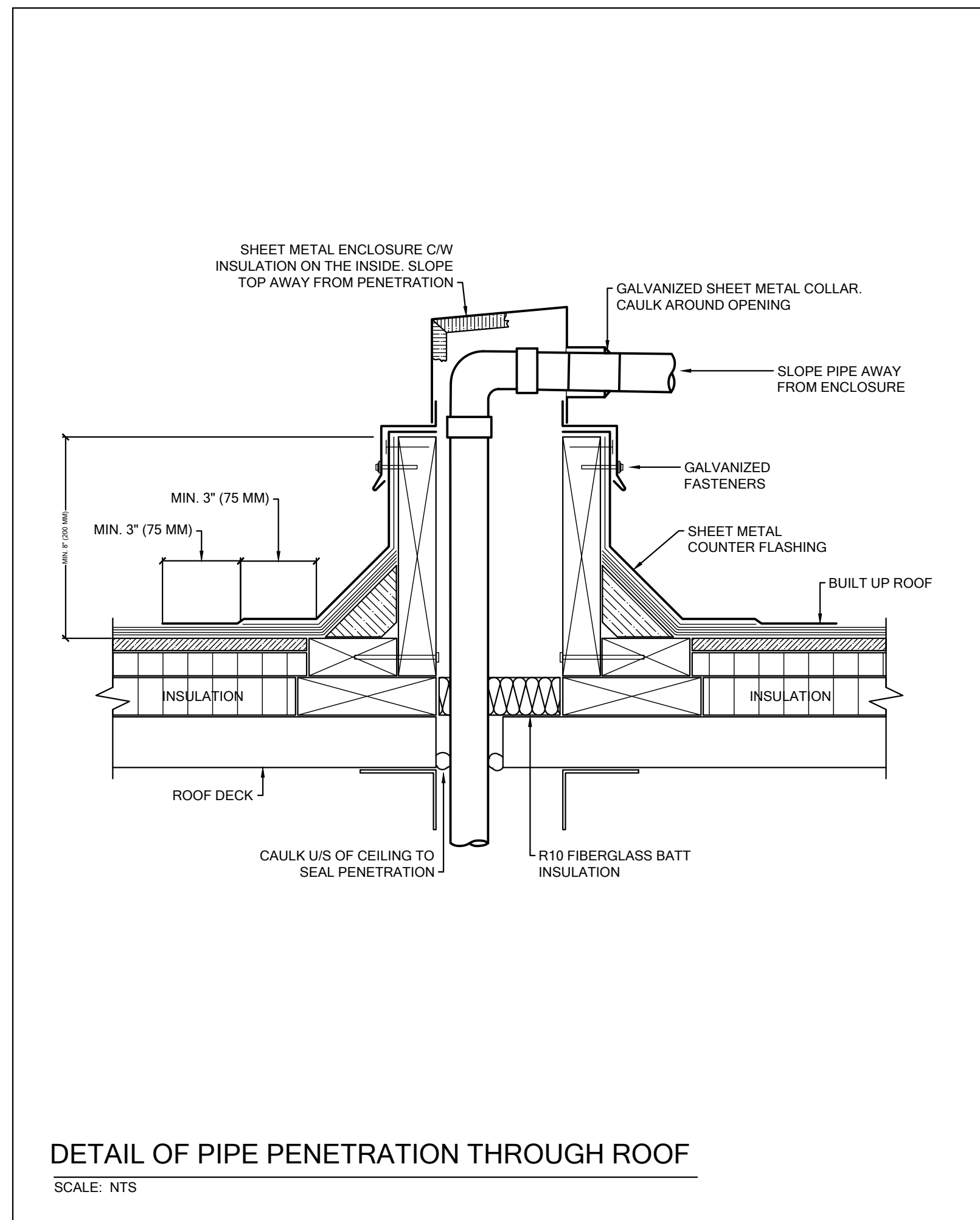
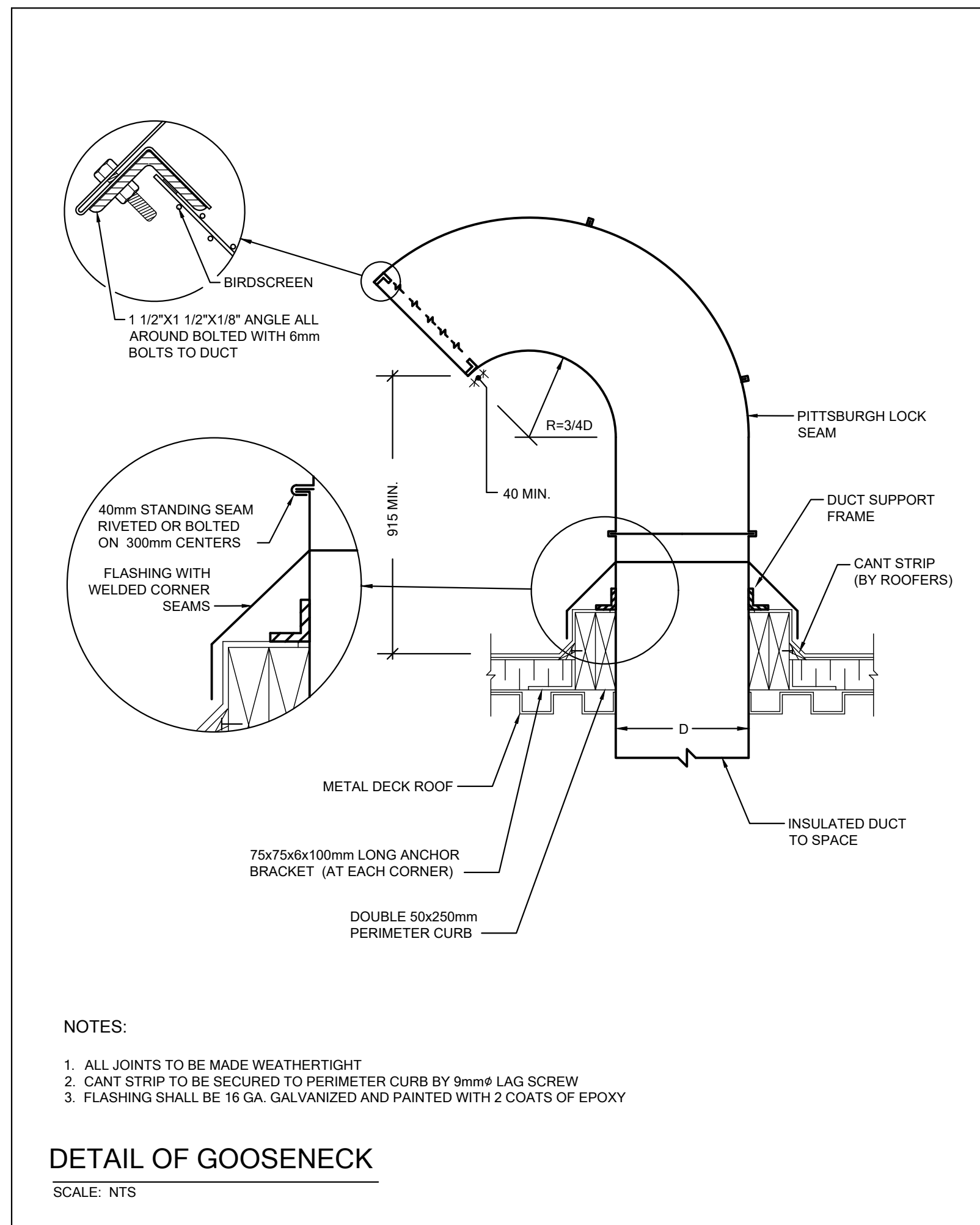
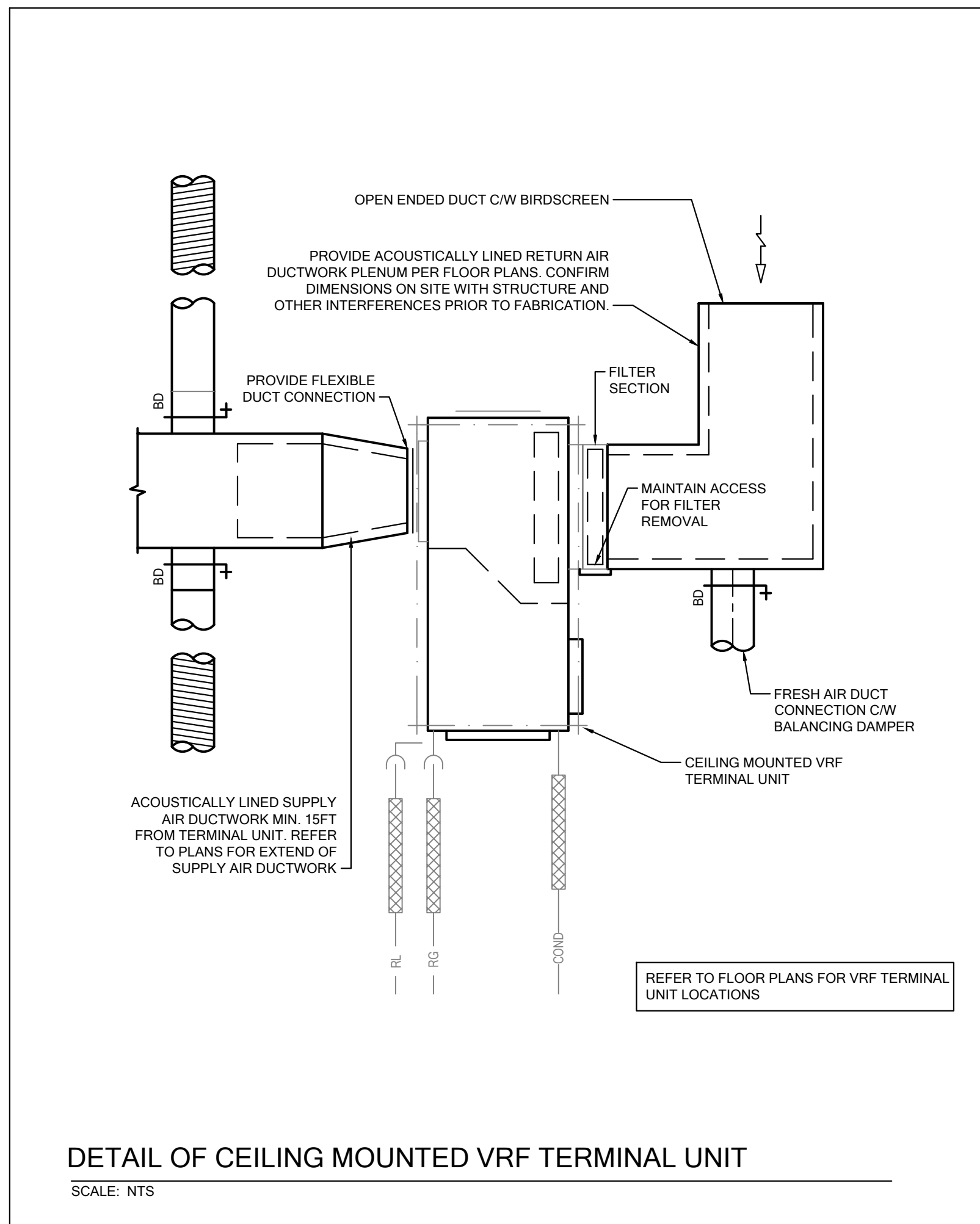
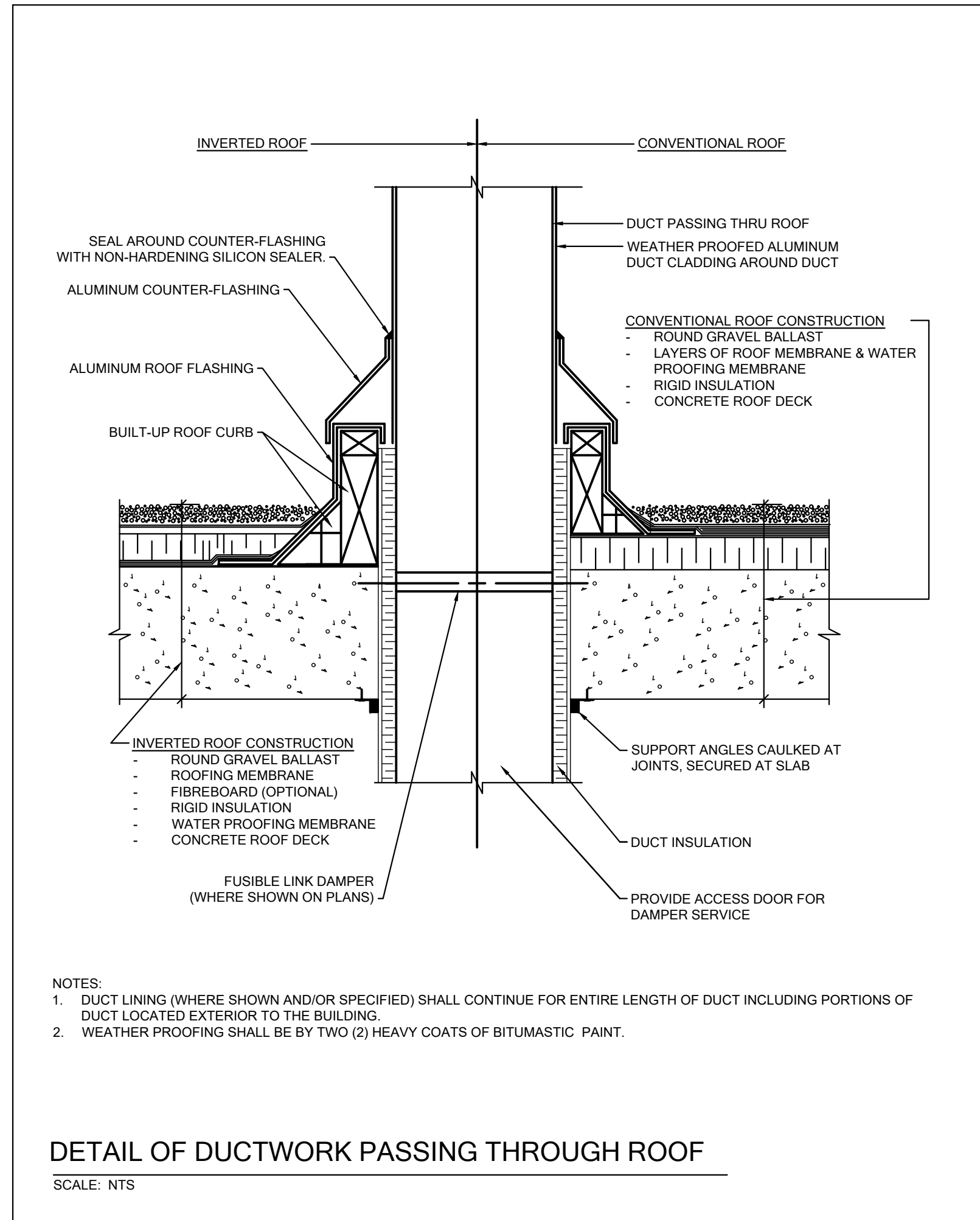
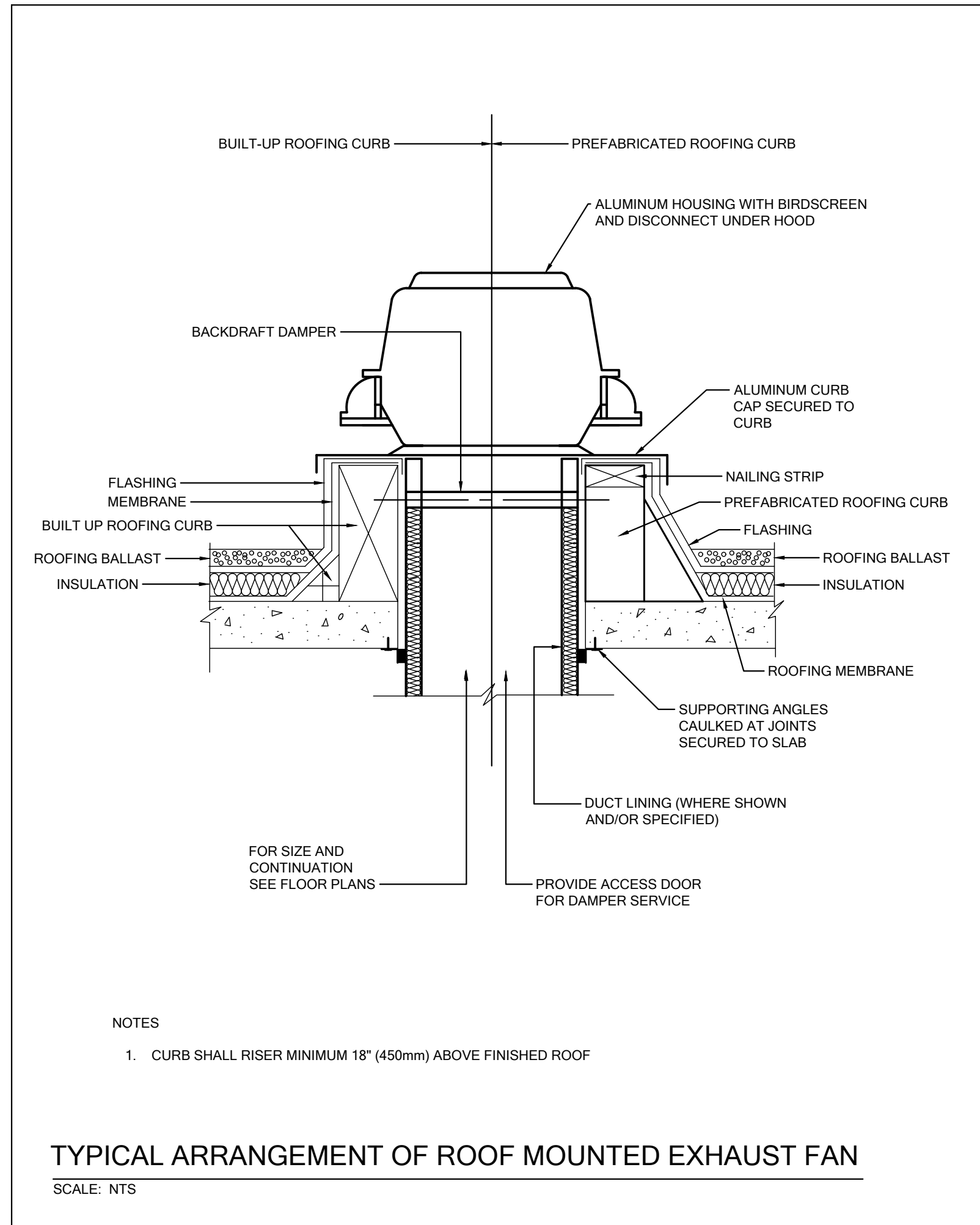
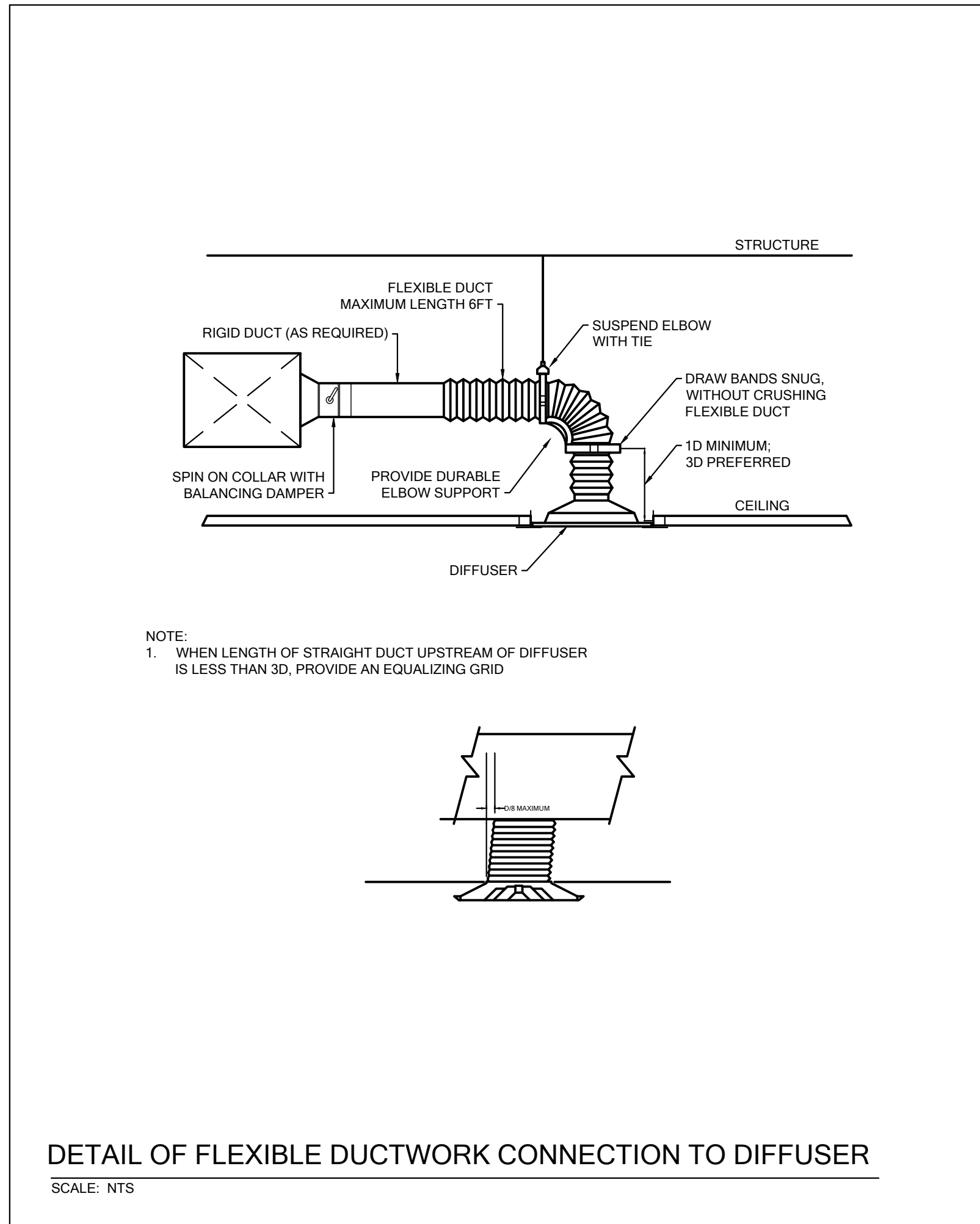
**AJAX HIGH SCHOOL**  
105 Bayly St. E, Ajax, ON L1S 1P2



**TYPICAL MECHANICAL DETAILS #1**



SCALE	PROJECT
N.T.S.	25198
DATE	Apr 2026
DRAWN	MH
CHECKED	GR
PRINT DATE	April 20, 2026 5:27:44 PM
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2	ISSUED FOR TENDER & PERMIT	4/20/26
1	ISSUED FOR COORDINATION	3/25/26
NO	ISSUED	DATE

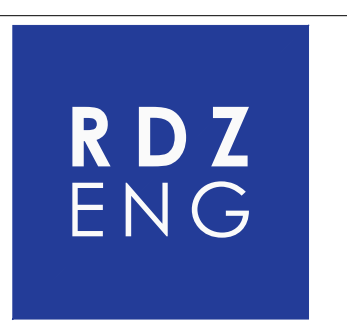
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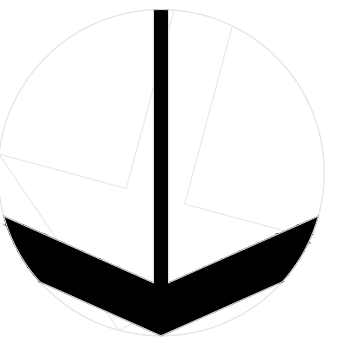


TYPICAL  
MECHANICAL  
DETAILS #2



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Vaughan, Ontario L4K 4A5  
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SCALE	PROJECT
N.T.S.	25198
DATE	Apr 2026
DRAWN	DRAWING
MH	M6.1
CHECKED	GR
PRINT DATE	April 20, 2026 5:26:50 PM
REVIT FILE	



SCHEDULE OF VRF INDOOR FAN COIL UNITS

Table with columns: TAG, AREAS, MAKE, MODEL, ASSOCIATED CONDENSING UNIT, DIMENSIONS (WIDTH, LENGTH, HEIGHT), WEIGHT, SUPPLY FAN (AIFLOW, EXTERNAL STATIC PRESSURE), COOLING PERFORMANCE (OAT, TOTAL COOLING, OAT, HEATING CAPACITY), SOUND PRESSURE LEVEL, ELECTRICAL (MCA, MOP, POWER), REMARKS.

- NOTES
1 REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
2 OUTDOOR AIR TEMPERATURES SHOWN REPRESENT AMBIENT TEMPERATURES AT RATED CAPACITIES.
3 UNIT TO HAVE MULTIPLE FAN SPEED SETTINGS.
4 PROVIDE GATEWAY AS REQUIRED FOR INTEGRATION WITH BUILDING AUTOMATION SYSTEM VIA TERMINAL STRIP.

SCHEDULE OF VRF OUTDOOR UNITS

Table with columns: TAG, MAKE, MODEL, WEIGHT, DIMENSIONS (WIDTH, LENGTH, HEIGHT), COOLING PERFORMANCE (OUTDOOR AMBIENT DB, TOTAL CAPACITY), HEATING PERFORMANCE (OUTDOOR AMBIENT, RATED CAPACITY), REFRIGERANT (TYPE, MCA, MOC), ELECTRICAL (POWER), REMARKS.

- NOTES
1 REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
2 OUTDOOR UNITS SHALL BE MOUNTED ON EQUIPMENT STAND TO RAISE UNIT MINIMUM 450MM ABOVE ROOF. STAND EQUAL TO ECOFOOT ECOFRAME.
3 CONTRACTOR TO DETERMINE PIPE LENGTHS AND CONFIRM SIZING AND REFRIGERANT CHARGE WITH VRF MANUFACTURER.
4 PROVIDE GATEWAY AS REQUIRED FOR INTEGRATION WITH BUILDING AUTOMATION SYSTEM VIA TERMINAL STRIP.
5 PROVIDE DRAIN PAN HEATER.

SCHEDULE OF DUCT MOUNTED ELECTRIC HEATING COILS

Table with columns: TAG, LOCATION, AREA SERVED, MAKE, MODEL, DUCT DIAMETER, AIRFLOW (L/S), CAPACITY (KW), POWER (V / PH / HZ), REMARKS.

- NOTES
1. TO BE PROVIDED WITH SCR CONTROLLER.
2. TO BE INTEGRATED INTO BUILDING AUTOMATION SYSTEM.

SCHEDULE OF WALLFIN HEATERS

Table with columns: TAG, MANUFACTURER, MODEL, ENCLOSURE HEIGHT (mm), ROWS, DISTANCE BETWEEN ROWS (mm), ENCLOSURE WIDTH (mm), CAPACITY (KWM), AVERAGE WATER TEMPERATURE (°C), MOUNTING HEIGHT (MM), REMARKS.

- NOTES
1. CAPACITIES BASED ON ENTERING AIR TEMPERATURE OF 18.3°C (65°F).
2. LENGTHS SHOWN ON FLOOR PLANS REFER TO ACTIVE FIN LENGTH.
3. REFER TO DRAWINGS FOR QUANTITY, CAPACITY, LOCATION, AND TYPE OF WALLFINS.

SCHEDULE OF INDOOR ERV

Table with columns: TAG, MANUFACTURER, MODEL, WEIGHT, DIMENSIONS (WIDTH, LENGTH, HEIGHT), ENERGY RECOVERY CORE PERFORMANCE (WINTER/SUMMER) (OUTDOOR AIRFLOW, EXHAUST AIRFLOW, EAT, EFFECTIVENESS), SUPPLY FAN (AIRFLOW, ESP, FILTER), EXHAUST FAN (AIRFLOW, ESP, FILTER), ELECTRICAL (MCA, MOC, POWER), REMARKS.

- NOTES
1 REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
2 UNIT TO BE PROVIDED CONTROLS FOR INTEGRATION INTO BUILDING AUTOMATION SYSTEM.

SCHEDULE OF VIBRATION ISOLATION

Table with columns: EQUIPMENT, MANUFACTURER (OR EQUAL), TYPE OF BASE & THICKNESS (MM), TYPE OF ISOLATION, STATIC DEFLECTION (MM), REMARKS.

- NOTES
1. SHR - SPRING HANGER

SCHEDULE OF GRILLES AND DIFFUSERS

Table with columns: TYPE, MANUFACTURER, MODEL, DESCRIPTION, VOLUME CONTROL, FINISH, OPTIONS, REMARKS.

- NOTES
1. CONFIRM FINISH WITH ARCHITECT PRIOR TO ORDER.
2. REFER TO DRAWINGS FOR QUANTITIES.

SCHEDULE OF CONTROL VALVES (SUPPLIED BY DDSB)

Table with columns: TAG, AREA SERVED, MANUFACTURER, VALVE TYPE/SERIES, ACTUATOR PART NO., FLOW, VALVE CV, PIPE SIZE, VALVE SIZE, PORTING, FAIL POSITION.

- NOTES
1. VALVES AND ACTUATORS SUPPLIED BY DDSB AND INSTALLED BY MECHANICAL CONTRACTOR.

SCHEDULE OF FANS

Table with columns: TAG, MANUFACTURER (OR EQUAL), MODEL, LOCATION, AREA SERVED, WEIGHT (KG), DESIGN AIRFLOW (L/S), ESP (PA), RPM, BHP, MOTOR POWER, ELECTRICAL (MCA, POWER), REMARKS.

- NOTES
1 450MM ROOF CURB
2 CW SPEED CONTROLLER

Table with columns: NO, ISSUED FOR COORDINATION, DATE.

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AJAX HIGH SCHOOL

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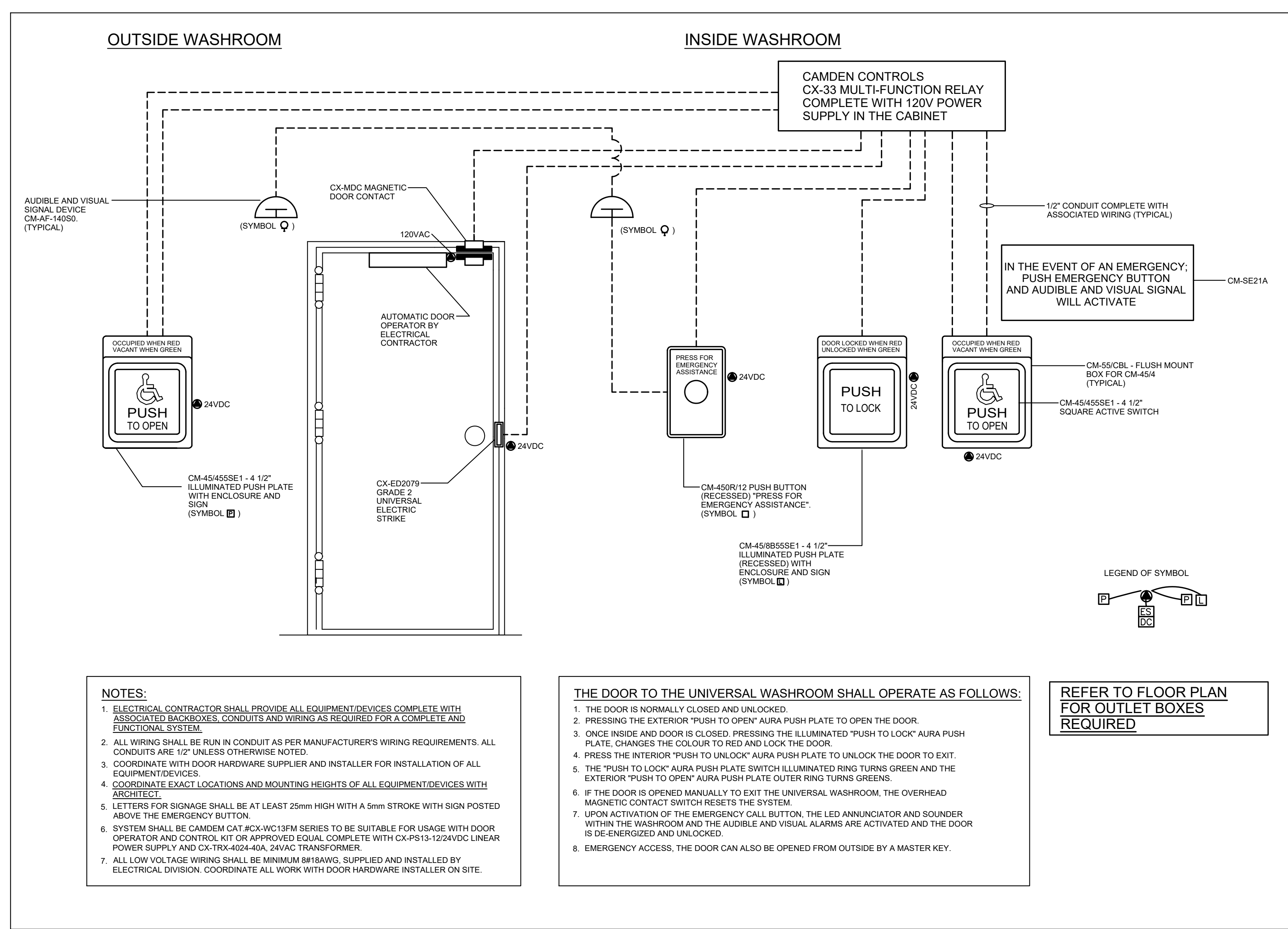


SCHEDULES - MECHANICAL



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Vaughan, Ontario L4K 4A5
email: info@rdzeng.ca

Table with columns: SCALE (N.T.S.), PROJECT (25198), DATE (Apr 2026), DRAWING (M7.0), DRAWN (MH), CHECKED (GR), PRINT DATE (April 20, 2026 5:28:56 PM), REVIT FILE.



**1 UNIVERSAL/UNISEX W/C DOOR OPERATOR SCHEMATIC DIAGRAM**  
 E1.0 SCALE: N.T.S.

**ELECTRICAL EQUIPMENT MOUNTING HEIGHTS**

- ELECTRICAL OUTLETS AND TELEPHONE OUTLETS: 400mm A.F.F. TO BOTTOM OF OUTLET UNLESS OTHERWISE NOTED.
- LIGHT SWITCHES: 1000mm A.F.F. TO TOP OF SWITCHES
- TEMPERATURE SENSING DEVICES: 1200mm A.F.F. TO TOP OF OUTLET BOX. (SEE MECHANICAL).
- WALL MOUNTED TELEPHONE: 1200mm A.F.F. TO TOP OF OUTLET
- FIRE ALARM PULL STATIONS: 1200mm A.F.F. TO TOP OF OUTLET
- WALL MOUNTED P/A SPEAKER BOXES: 2200mm A.F.F. TO BOTTOM OF BOX
- ELECTRICAL PANELS: 1800mm A.F.F. TO TOP OF PANEL
- FIRE ALARM SPEAKER/STROBES: 2400mm A.F.F. TO TOP OF OUTLET BOX
- COORDINATE ALL MOUNTING HEIGHTS WITH ARCHITECT/OWNER PRIOR TO ANY ROUGH-IN.

- GENERAL NOTES**
- FOR EXACT LOCATION OF LIGHTING FIXTURES REFER TO ARCH. DRAWINGS.
  - EXACT LOCATION FOR ALL OUTLETS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO ROUGH-IN.
  - FOR EXACT LOCATION OF ALL A/C UNITS, PUMPS, FANS, MOTORS, HEATERS, ETC., SEE MECHANICAL DRAWINGS.
  - ALL RECEPTACLES IF LOCATED FARTHER THAN 30,000mm FROM THE RESPECTIVE ELECTRICAL PANELS SHALL BE WIRED WITH #10 AWG AND FARTHER THAN 60,000mm SHALL BE WIRED WITH #8 AWG.
  - CO-ORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.
  - STARTERS FOR FANS SHALL BE LOCATED ADJACENT TO CORRESPONDING PANEL BOARDS UNLESS OTHERWISE SHOWN.
  - ELECTRICAL CONTRACTOR SHALL CO-ORDINATE THEIR WORK TO SUIT THE PROJECT PHASE SCHEDULE.
  - ALL DUPLEX RECEPTACLES, F.A. PULL STATIONS AND SWITCHES SHALL BE FLUSH MOUNTED EXCEPT IN MECHANICAL ROOMS WHERE SURFACE MOUNTED INSTALLATION IS ACCEPTABLE.
  - ALL SYSTEMS CONDUITS SHALL BE INSTALLED CONCEALED IN WALL(S) IN ALL AREAS. IF THE WALL(S) ARE NOT ACCESSIBLE/FEASIBLE FOR CONDUITS TO INSTALL INSIDE THE WALL THEN SURFACE MOUNTED SHALL WITH EMOULD RACEWAY SHALL BE INSTALLED. INSTALLATION OF SURFACE MOUNTED CONDUIT IS NOT ACCEPTABLE.
  - PROVIDE BUSHINGS AT BOTH ENDS OF EACH CONDUIT/SLEEVE TERMINATED IN CEILING SPACE.
  - PROVIDE BLANK COVER PLATES FOR ALL UNUSED NEW AND EXISTING OUTLET BOXES.
  - ELECTRICAL CONTRACTOR SHALL INCLUDE REMOVE OF T-BAR TILES TO SUIT INSTALLATION OF CONDUIT AND WIRING. RE-INSTALL T-BAR TILES UPON COMPLETION OF WORK. ANY T-BAR TILES DAMAGED AS THE RESULT SHALL BE REPLACED BY THIS CONTRACTOR.
  - WHERE DEVICES ARE TO BE SURFACE MOUNTED, ELECTRICAL CONTRACTOR SHALL PROVIDE SHALLOW TYPE RACEWAY.

- NOTES: (RE-DEMOLITION LAYOUT)**
- DEMOLITION OF EXISTING MATERIALS AND/OR EQUIPMENT AS SHOWN ON DRAWINGS BY ELECTRICAL CONTRACTOR. WORK SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH APPLICABLE PROVINCIAL AND MUNICIPAL BY-LAWS AND REGULATIONS.
  - DISCONNECT AND REMOVE ALL EQUIPMENT DESIGNATED FOR REMOVAL. RECONNECT ALL EQUIPMENT WHERE REQUIRED AND DISCONNECT AND CAP, OR ARRANGE FOR DISCONNECTING AND CAPPING. ALL MAIN SERVICES IN ACCORDANCE WITH THE AUTHORITIES HAVING JURISDICTION.
  - ALL MATERIALS AND/OR EQUIPMENT DESIGNATED FOR SALVAGE SHALL BE TURNED OVER TO THE OWNER. ALL OTHER MATERIALS AND/OR EQUIPMENT DESIGNATED FOR REMOVAL BECOMES THE PROPERTY OF THE DEMOLITION CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE SITE. UNDER NO CIRCUMSTANCES SHALL THE MATERIALS AND/OR EQUIPMENT BE SOLD DIRECTLY FROM THE SITE.
  - CONTACT OWNER PRIOR TO ANY DEMOLITION WORK. THE OWNER WILL DESIGNATE WHICH EQUIPMENT AND/OR MATERIALS ARE TO BE SALVAGED. DEMOLITION WORK IS TO PROCEED ONLY AFTER OWNER'S APPROVAL HAS BEEN OBTAINED.
  - FOR EXACT LOCATION OF MECHANICAL EQUIPMENT WHICH SHALL BE REMOVED, COORDINATE WITH MECHANICAL DIVISION DRAWINGS.
  - FOR ALL EXISTING EQUIPMENT WHICH SHALL BE REMOVED, ELECTRICAL CONTRACTOR SHALL MAKE WIRING SAFE.
  - FOR EXACT LOCATION OF ALL EXISTING EQUIPMENT COORDINATE ON SITE.
  - MAKE REMAINING WIRING SAFE AND REMOVE ALL REDUNDANT CONDUITS AND WIRES BACK TO PANEL OF ORIGIN. ADJUST ALL EXISTING WIRING TO ACCOMMODATE LAYOUT CHANGES AND TO KEEP OPERATIONAL EXISTING ELECTRICAL EQUIPMENT AND DEVICES.
  - COORDINATE WITH OWNER THE DISPOSAL OF ALL REDUNDANT DEVICES AND/OR MATERIALS RESULTED FROM ELECTRICAL DEMOLITION.
  - VISIT SITE, EXAMINE EXISTING CONDITIONS, FULLY UNDERSTAND THE FUNCTIONING OF THE SYSTEM DESCRIBED AND SPECIFIED UNDER THIS SECTION. IF IN DOUBT, CONTACT ENGINEER BEFORE SUBMITTING THE TENDER PRICE. NO ALLOWANCE WILL BE ALLOWED LATER DUE TO FAILURE OF THIS DIVISION TO MAKE THIS EXAMINATION.
  - EXISTING ELECTRICAL EQUIPMENT WHICH BECOMES REDUNDANT SHALL BE COMPLETELY DISCONNECTED AND REMOVED FROM THE SITE.
  - FOR EXISTING EQUIPMENT WHICH SHALL BE RELOCATED ADJUST CONDUITS AND WIRES TO SUIT. EXISTING EQUIPMENT TO REMAIN ARE SHOWN FOR CLARIFICATION ONLY.
  - WHENEVER EXISTING ELECTRICALLY OPERATED EQUIPMENT IS REMOVED FROM ITS PRESENT LOCATION OR RE-INSTALLED ELSEWHERE, REMOVE REDUNDANT EXISTING CONDUITS, BOXES, CABLES, FIXTURES, ETC. OPENINGS IN BOXES, RACEWAYS, PANELS, ETC. WHICH MAY RESULT FROM SUCH REMOVAL OF EQUIPMENT, SHALL BE CLOSED IN PROPER MANNER AND ALL CABLES AND WIRES PROPERLY TERMINATED AND INSULATED TO RESTORE THE SYSTEM TO A SAFE AND SOUND CONDITION AND TO THE ARCHITECT'S SATISFACTION.
  - IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR DRAWING THAT EQUIPMENT AND MATERIALS TO BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART, IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION.
  - WHERE THE EXISTING EQUIPMENT IS NOT TO BE ULTIMATELY RELOCATED BUT INTERFERES WITH THE CONSTRUCTION, THE EQUIPMENT SHALL BE TEMPORARILY RELOCATED UNTIL SUCH TIME AS THE NEW WORK IS COMPLETED SERVICES TO TEMPORARILY RELOCATED EQUIPMENT SHALL BE MAINTAINED AT ALL TIMES.
  - WHERE A DEVICE OR EQUIPMENT IS REMOVED, ALL ASSOCIATED SURFACE CONDUITS, PULL BOXES SHALL BE TERMINATED AND ABANDONED IN CEILING SPACE AND SHALL BE MADE SAFE. ALL ASSOCIATED CONDUITS AND OUTLET BOXES/PULL BOXES INSIDE THE REMAINING WALLS SHALL REMAIN AND PROVIDE BLANK COVERS FOR UNUSED BOXES. ALL ASSOCIATED WIRING/DATA CABLES/VOICE CABLES SHALL BE REMOVED FROM SOURCE.
  - TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK TO SUIT THE PROJECT PHASE SCHEDULE.
  - ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL CONDUIT AND WIRING OF MECHANICAL EQUIPMENT TO BE REMOVED UNLESS OTHERWISE NOTED.
  - ALL REDUNDANT, OBSOLETE COMMUNICATION AND POWER WIRING, CONDUIT AND JUNCTION BOXES SHALL BE REMOVED.
  - CONTRACTOR SHALL REFER TO DSS REPORT IN APPENDIX. PROVIDE ABATEMENT WORK AS REQUIRED TO SUIT DEMOLITION/RENOVATION WORK AS SHOWN IN CONTRACT. INCLUDE ALL COST IN THE TENDER BID.

**LUMINAIRE SCHEDULE**

TYPE	WATT (W)	VOLT (V)	CCT (K)	DESCRIPTION	MANUFACTURER
A	30	120	4000	2x4' LED LIGHT FIXTURE FOR T-BAR CEILING MOUNT. (4128 LUMENS)	RENO CAT.# RENO-24BL-PL-DV-MW-MCCT-ECO
D	9	120	4000	4" RECESS MOUNT DOWN LIGHT (999 LUMENS)	RENO CAT.# RENO-DL4-MW-DV-MCCT-G2

**LIGHTING CONTROL SCHEDULE**

TYPE	DESCRIPTION	MANUFACTURER
CS	CEILING MOUNTED DUAL TECH OCCUPANCY SENSOR COMPLETE WITH ASSOCIATE POWER PACKS	COOPER, CAT.# OAC-DT-1000
SD	LOW VOLTAGE DIMMER SWITCH COMPLETE WITH ASSOCIATED POWER PACKS	COOPER, CAT.# RC-3TLB-Z1D-X
OS	WALL MOUNTED OCCUPANCY SENSOR COMPLETE WITH DIMMER COMPLETE WITH ASSOCIATED POWER PACKS, CONDUIT & WIRING	COOPER, CAT.# ELWS-XX-1-MZD

**EMERGENCY LUMINAIRE SCHEDULE**

TYPE	SYMBOL	DESCRIPTION	MANUFACTURER
L	◁	LED EMERGENCY HEAD	BELUCE CAT.# SR-1-LED-MAR16-12V-7W
LA	▷	LED EMERGENCY HEAD	BELUCE CAT.# SR-2-LED-MAR16-12V-7W
BU-1	☒	BATTERY UNIT	BELUCE CAT.# NV-12-360-0-120/347

**ELECTRICAL DRAWING LIST**

DRAWING NO.	DRAWING NAME
E1.0	SYMBOL LIST, NOTES AND DETAIL
E2.0	KEY PLAN
E3.0	PLP CLASSROOM LIGHTING PLAN
E3.1	PLP CLASSROOM POWER PLAN
E3.2	WASHROOM ELECTRICAL PLAN
E3.3	STAFF ROOM ELECTRICAL PLAN & PANEL SCHEDULE

**LEGEND OF SYMBOLS**

**POWER AND SYSTEMS LEGEND**

○	SPECIAL OUTLET (SIZE AND EQUIPMENT AS NOTED, CONNECT TO EQUIPMENT)
Ⓜ	15A, 120V TAMPER RESISTANT DUPLEX RECEPTACLE
Ⓜ GF1	15A, 120V DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER, GF1 DENOTE AS GROUND FAULT INTERRUPTER
Ⓜ GF1	15/20A, 120V COMBINATION DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER, GF1 DENOTE AS GROUND FAULT INTERRUPTER
Ⓜ	SPECIAL RECEPTACLE
Ⓜ GF1	15A, 120V TAMPER RESISTANT QUAD RECEPTACLE
Ⓜ GF1	15A, 120V GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE (HUBBELL #GF5262)
Ⓜ	15/20A, 120V COMBINATION DUPLEX RECEPTACLE
Ⓜ	OUTLET FOR HANDICAPPED PUSH BUTTON
Ⓜ	SURFACE OR FLUSH MOUNTED ELECTRICAL PANELS
Ⓜ	OUTLET FOR SECURITY SYSTEM DOOR CONTACT COMPLETE WITH 21mm EMPTY CONDUIT TERMINATED IN ACCESSIBLE CEILING SPACE.
Ⓜ	OUTLET BOX FOR CARD READER (WP DENOTES WEATHERPROOF), COMPLETE WITH 21mm EMPTY CONDUIT TERMINATED IN ACCESSIBLE CEILING SPACE
Ⓜ	OUTLET BOX FOR ELECTRIC STRIKE COMPLETE WITH 21mm EMPTY CONDUIT TERMINATED IN DOOR FRAME AND IN ACCESSIBLE CEILING SPACE ABOVE THE DOOR. ELECTRIC STRIKE SHALL BE BY OTHERS.
Ⓜ	WIRELESS ACCESS POINT
Ⓜ	ELECTRIC MOTOR (WIRING & EQUIPMENT AS NOTED)
Ⓜ	DISCONNECT SWITCH
Ⓜ	WALL MOUNTED P.A. SPEAKER COMPLETE WITH ASSOCIATED BACK BOX, 21mm CONDUIT AND P.A. SYSTEM WIRING. THE ASSOCIATED 21mm CONDUIT SHALL BE TERMINATED IN CORRIDOR ACCESSIBLE CEILING SPACE.
Ⓜ	FLUSH CEILING MOUNTED P.A. SPEAKER COMPLETE WITH ASSOCIATED BACK BOX, 21mm CONDUIT AND P.A. SYSTEM WIRING. THE ASSOCIATED 21mm CONDUIT SHALL BE TERMINATED IN CORRIDOR ACCESSIBLE CEILING SPACE.
Ⓜ	BATTERY OPERATED CLOCK SUPPLIED AND INSTALLED BY ELECTRICAL DIVISION (SEE SPECIFICATIONS)
Ⓜ HDMI	WALL MOUNTED HDMI OUTLET
Ⓜ	WALL MOUNTED SINGLE DATA OUTLET. THE ASSOCIATED 3/4" CONDUIT SHALL BE TERMINATED IN CORRIDOR ACCESSIBLE CEILING SPACE.
Ⓜ	WALL MOUNTED TELEPHONE SYSTEM OUTLET. THE ASSOCIATED 3/4" CONDUIT SHALL BE TERMINATED IN CORRIDOR ACCESSIBLE CEILING SPACE.
Ⓜ	TELEPHONE/DATA OUTLET BOX COMPLETE WITH 3/4" CONDUIT TERMINATED IN CORRIDOR ACCESSIBLE CEILING SPACE.
D-XXX	4-PAIR HORIZONTAL COPPER DATA CABLE. VERIFY EXACT LABELING WITH CLIENT ON SITE
V-XXX	4-PAIR HORIZONTAL COPPER VOICE CABLE. VERIFY EXACT LABELING WITH CLIENT ON SITE
Ⓜ	WALL MOUNT CALL SWITCH
Ⓜ	4"x4" OUTLET BOX COMPLETE WITH SINGLE GANG COVER REDUCER (AS REQUIRED), 3/4" EMPTY CONDUIT AND PULL STRING FOR WALL MOUNTED P.A. CALL BUTTON.
Ⓜ	2" x 2" J.P. PACK-POLE. POLE MUST BE SECURELY FASTENED, SUPPLIED BY STAPLES, INSTALLED BY THIS CONTRACTOR.
Ⓜ	CONCRETE RECESSED FLOOR BOX COMPLETE WITH TWO (2) DUPLEX RECEPTACLE AND TELEPHONE OUTLET. PROVIDE CONDUITS FOR POWER-3/4" C, TELEPHONE - 1" C. TERMINATE POWER CONDUIT TO ASSOCIATED PANEL. TERMINATE TELEPHONE AT CEILING SPACE.
Ⓜ	MOTION SENSOR
Ⓜ	PAN/UIT PAN-WAY T-70 SURFACE MOUNTED TWO-CELL RACEWAY (ONE CELL FOR POWER AND ONE CELL FOR TELEPHONE WIRING) CW RECEPTACLES AND TELEPHONE OUTLETS AS SHOWN ON FLOOR PLANS. RUN ASSOCIATED CONDUIT FOR TELEPHONE WIRING AND TERMINATE IN ACCESSIBLE CEILING SPACE. TERMINATION OF CONDUITS IN EXPOSED OR IN GYPSUM BOARD CEILING IS NOT ACCEPTABLE. FOR LENGTH OF PLUG MOLD AND QUANTITY OF DEVICES COORDINATE WITH FLOOR PLANS. RACEWAY SHALL BE MOUNTED ABOVE COUNTER.
Ⓜ	DRYER RECEPTACLE

**LIGHTING FIXTURE LEGEND**

Ⓜ	RECESSED OR SURFACE MOUNTED LIGHT FIXTURE
Ⓜ	REMOTE EMERGENCY LIGHTING HEAD(S)
Ⓜ 3	LIGHTING SWITCH (K DENOTED KEY OPERATED; D DENOTED DIMMER; 3 DENOTE 3 WAY)
Ⓜ D	WALL MOUNTED OCCUPANCY SENSOR FOR LIGHTING CONTROL (D DENOTED DIMMER)
Ⓜ	CEILING MOUNTED OCCUPANCY SENSOR FOR LIGHTING CONTROL

**FIRE ALARM**

Ⓜ WP	FIRE ALARM MANUAL PULL STATION - WP DENOTES WEATHERPROOF
Ⓜ S	FIRE ALARM SMOKE DETECTOR
Ⓜ H	FIRE ALARM HEAT DETECTOR
Ⓜ	WALL MOUNTED FIRE ALARM HORN COMPLETE WITH STROBE.
Ⓜ	WALL MOUNTED FIRE ALARM HORN.
Ⓜ	FIRE ALARM STROBE LIGHT

**ABBREVIATIONS**

EX	DENOTES EXISTING ITEM TO REMAIN
ER	DENOTES EXISTING ITEM TO BE RELOCATED. EXTEND EXISTING CONDUIT & WIRES TO NEW LOCATION, UNLESS OTHERWISE NOTED.
ER/RP	DEVICES TO BE TEMPORARILY DISCONNECTED AND REMOVED FROM THEIR LOCATIONS AND RE-INSTALLED TO THE ORIGINAL LOCATIONS AND CONNECTED TO THE SAME EXISTING ELECTRICAL CIRCUITS OR ZONE CIRCUITS.
RM	DENOTES EXISTING ITEM TO BE REMOVED. REMOVE REDUNDANT WIRING AND RETAIN THE INTEGRITY OF THE EXISTING CIRCUIT(S), UNLESS OTHERWISE NOTED. MAKE ALL REMAINING WIRING SAFE.
N	DENOTES NEW
RP	DENOTES EXISTING ITEM IN RELOCATED POSITION. UNLESS OTHERWISE NOTED, EXTEND EXISTING CONDUIT AND WIRES FROM ITEM PREVIOUS LOCATION AND CONNECT.
TYP	DENOTES TYPICAL
HD	HAND DRYER
CL	CEILING
TR	TEMPER RESISTANT
WD	WASHER / DRYER
MW	MICROWAVE

**RDZ ENG**

CERTIFICATE OF PRACTICE #2022

**AJAX HIGH SCHOOL**

105 Bayly St. E, Ajax, ON L1S 1P2

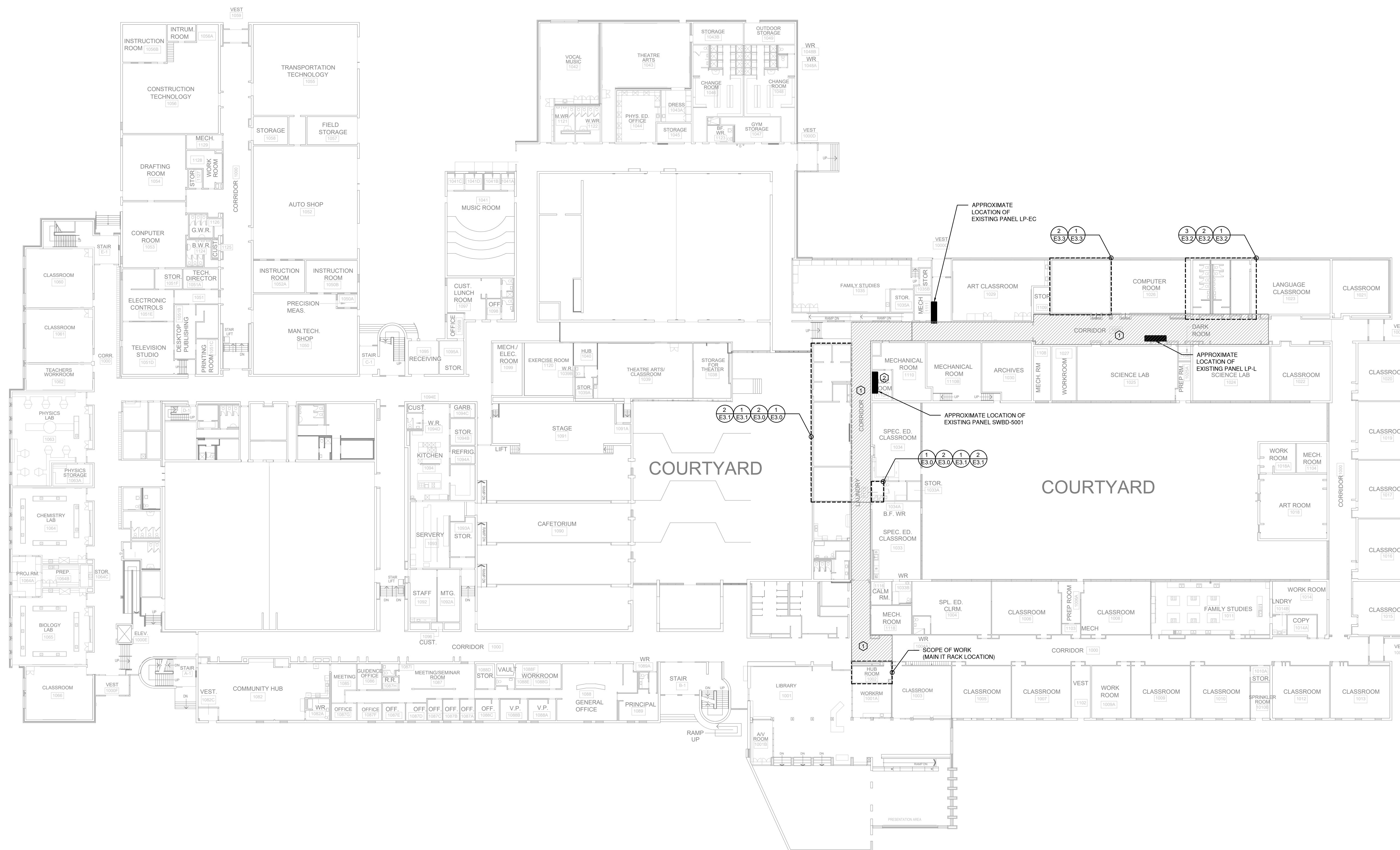
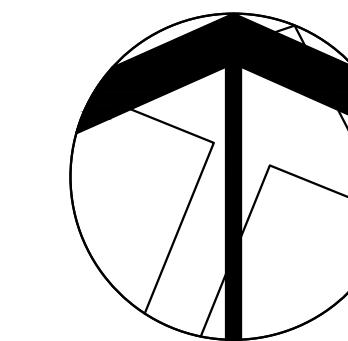
**SYMBOL LIST, NOTES AND DETAIL**

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DATE	02/19/2026
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E1.0

**KEY NOTES**

- ① ELECTRICAL CONTRACTOR SHALL INCLUDE FOR THE REMOVAL OF EXISTING T-BAR TILES TO SUIT INSTALLATION OF NEW CONDUIT AND WIRING. RE-INSTALL TILE TO EXISTING LOCATION UPON COMPLETE INSTALLATION OF CONDUIT AND WIRING.
- ② PROVIDE 40AF/60A FUSED DISCONNECT SWITCH AND CONNECT TO CONDENSING UNIT CU-1 INCLUDE ALL CONDUIT & WIRING AS SHOWN ON DRAWING E3.1 DETAIL#2.



2.	ISSUED FOR TENDER & PERMIT	4/20/26
1.	ISSUED FOR COORDINATION	3/25/26
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

CERTIFICATE OF PRACTICE #4292

**AJAX HIGH SCHOOL**

105 Bayly St. E, Ajax, ON  
L1S 1P2

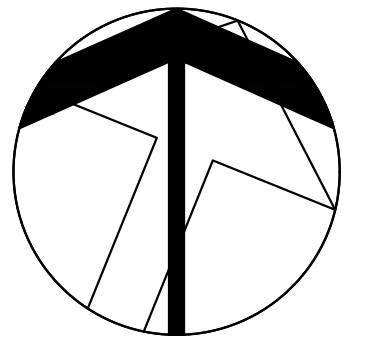


**KEY PLAN**

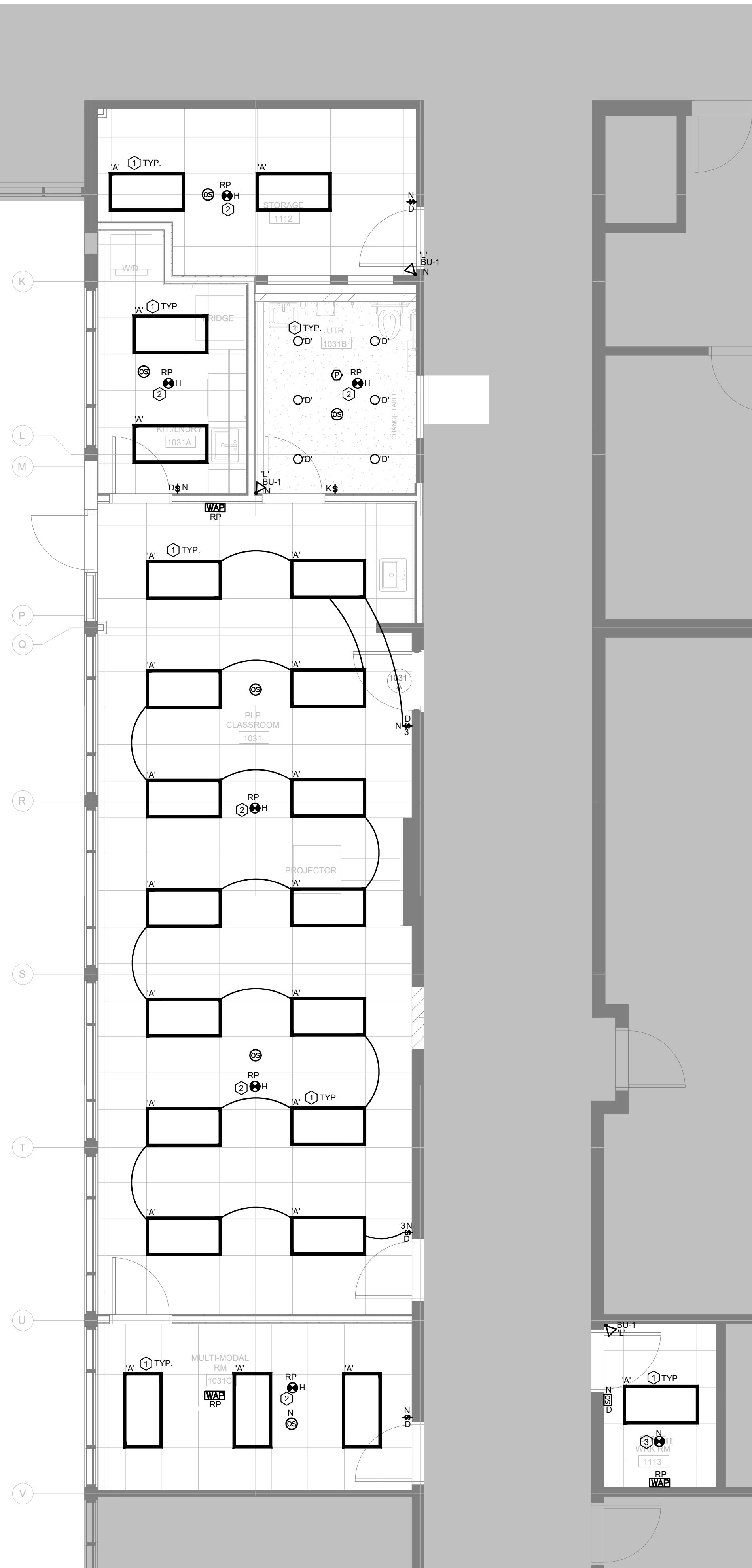


**RDZ ENGINEERS LTD**  
17A - 30 Pennsylvania Avenue  
Vaughan, Ontario L4K 4A5  
email: info@rdzeng.ca

SCALE	PROJECT
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DATE	
02/18/2026	
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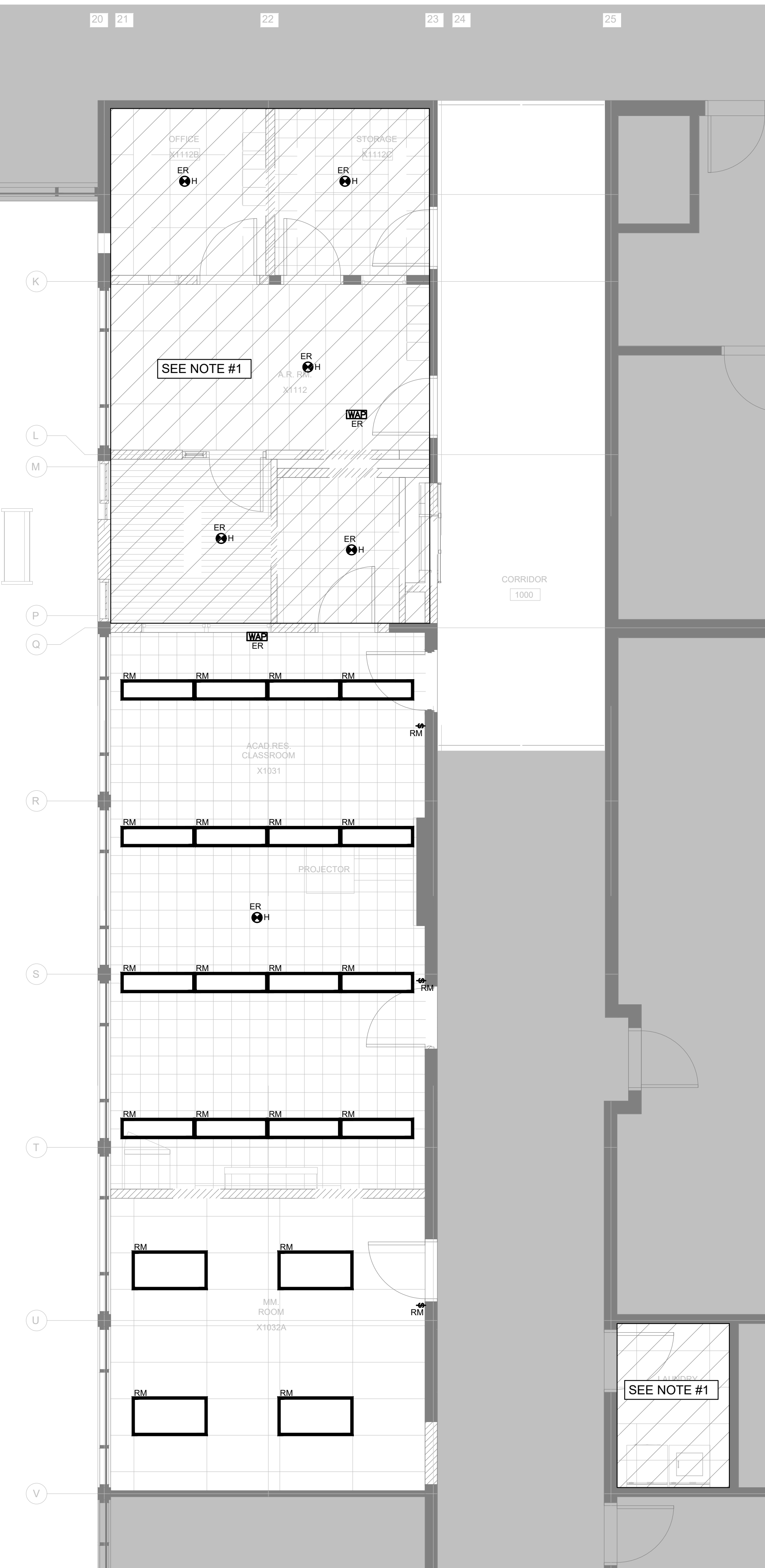


- KEYED NOTES**
- UTILIZE EXISTING LIGHTING CIRCUIT TO SUIT THE NEW LAYOUT.
  - CONDUIT/WIRING AND ALL ASSOCIATED COMPONENTS TO SUIT. PROVIDE FIRE ALARM VERIFICATION AFTER COMPLETION OF WORK.
  - PROVIDE NEW FIRE ALARM HEAT DETECTOR (TO MATCH EXISTING) AND CONNECT TO THE NEAREST FIRE ALARM ZONE OF THIS AREA. PROVIDE CONDUIT/WIRING AND ALL ASSOCIATED COMPONENTS TO SUIT. PROVIDE FIRE ALARM VERIFICATION AFTER COMPLETION OF WORK.



- NOTES:**
- IN THIS AREA, UNLESS OTHERWISE NOTED, ELECTRICAL CONTRACTOR SHALL DISCONNECT & REMOVE THE FOLLOWING EQUIPMENT/DEVICES COMPLETE WITH ALL ASSOCIATED CONDUITS/WIRING AND BOXES ETC.:
    - ALL LIGHT FIXTURES
    - ALL LIGHT SWITCHES
    - ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS
    - ALL RECEPTACLES
    - ALL MECHANICAL EQUIPMENT

- NOTES: (RE-DEMOLITION LAYOUT)**
- DEMOLITION OF EXISTING MATERIALS AND/OR EQUIPMENT AS SHOWN ON DRAWINGS BY ELECTRICAL CONTRACTOR. WORK SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH APPLICABLE PROVINCIAL AND MUNICIPAL BY-LAWS AND REGULATIONS.
  - DISCONNECT AND REMOVE ALL EQUIPMENT DESIGNATED FOR REMOVAL. RECONNECT ALL EQUIPMENT WHERE REQUIRED AND DISCONNECT AND CAP OR ARRANGE FOR DISCONNECTING AND CAPPING. ALL MAIN SERVICES IN ACCORDANCE WITH THE AUTHORITIES HAVING JURISDICTION.
  - PRIOR TO COMMENCING THE DEMOLITION SCOPE OF WORK, EXAMINE CAREFULLY THE ELEMENTS OF THE EXISTING SYSTEMS TO BE REMOVED. FOR REASONS OF CLARITY, THE DRAWINGS DO NOT SHOW ALL BUILDING SERVICES LOCATED IN THE RENOVATION AREA OR ALL STRUCTURAL ELEMENTS. ALL BUILDING SERVICES AND OTHER UTILITIES NOT AFFECTED BY THIS WORK SHALL REMAIN OPERATIONAL. ANY DAMAGE TO BUILDING SERVICES, UTILITIES OR PROPERTY AFFECTED BY THE WORK SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR, AT NO COST TO THE BOARD.
  - VISIT SITE. EXAMINE EXISTING CONDITIONS, FULLY UNDERSTAND THE FUNCTIONING OF THE SYSTEM DESCRIBED AND SPECIFIED UNDER THIS SECTION. IF IN DOUBT, CONTACT ENGINEER BEFORE SUBMITTING THE TENDER PRICE. **NO ALLOWANCE WILL BE ALLOWED LATER DUE TO FAILURE OF THIS DIVISION TO MAKE THIS EXAMINATION.**
  - ALL TRACING AND VERIFYING OF EXISTING BRANCH CIRCUITS FOR REASONS OF ISOLATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
  - CONTACT OWNER PRIOR TO ANY DEMOLITION WORK. THE OWNER WILL DESIGNATE WHICH EQUIPMENT AND/OR MATERIALS ARE TO BE SALVAGED. DEMOLITION WORK IS TO PROCEED ONLY AFTER OWNER'S APPROVAL HAS BEEN OBTAINED.
  - ALL MATERIALS AND/OR EQUIPMENT DESIGNATED FOR SALVAGE SHALL BE TURNED OVER TO THE OWNER. ALL OTHER MATERIALS AND/OR EQUIPMENT DESIGNATED FOR REMOVAL BECOMES THE PROPERTY OF THE DEMOLITION CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE SITE. UNDER NO CIRCUMSTANCES SHALL THE MATERIALS AND/OR EQUIPMENT BE SOLD DIRECTLY FROM THE SITE.
  - EXISTING ELECTRICAL EQUIPMENT WHICH BECOMES REDUNDANT SHALL BE COMPLETELY DISCONNECTED AND REMOVED FROM THE SITE.
  - FOR EXACT LOCATION OF MECHANICAL EQUIPMENT WHICH SHALL BE REMOVED, COORDINATE WITH MECHANICAL DIVISION DRAWINGS.
  - ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL CONDUIT AND WIRING OF MECHANICAL EQUIPMENT TO BE REMOVED UNLESS OTHERWISE NOTED.
  - FOR ALL EXISTING EQUIPMENT WHICH SHALL BE REMOVED, ELECTRICAL CONTRACTOR SHALL MAKE WIRING SAFE.
  - FOR EXACT LOCATION OF ALL EXISTING EQUIPMENT COORDINATE ON SITE.
  - FOR EXISTING EQUIPMENT WHICH SHALL BE RELOCATED, ADJUST CONDUITS AND WIRES TO SUIT. EXISTING EQUIPMENT TO REMAIN ARE SHOWN FOR CLARIFICATION ONLY.
  - WHENEVER EXISTING ELECTRICALLY OPERATED EQUIPMENT IS REMOVED FROM ITS PRESENT LOCATION OR RE-INSTALLED ELSEWHERE, REMOVE REDUNDANT EXISTING CONDUITS, BOXES, CABLES, FIXTURES, ETC. OPENINGS IN BOXES, RACEWAYS, PANELS, ETC. WHICH MAY RESULT FROM SUCH REMOVAL OF EQUIPMENT, SHALL BE CLOSED IN PROPER MANNER AND ALL CABLES AND WIRES PROPERLY TERMINATED AND INSULATED TO RESTORE THE SYSTEM TO A SAFE AND SOUND CONDITION AND TO THE ARCHITECT'S SATISFACTION.
  - IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR DRAWING THAT EQUIPMENT AND MATERIALS TO BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART, IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION.
  - WHERE THE EXISTING EQUIPMENT IS NOT TO BE ULTIMATELY RELOCATED BUT INTERFERES WITH THE CONSTRUCTION, THE EQUIPMENT SHALL BE TEMPORARILY RELOCATED UNTIL SUCH TIME AS THE NEW WORK IS COMPLETED SERVICES TO TEMPORARILY RELOCATED EQUIPMENT SHALL BE MAINTAINED AT ALL TIMES.
  - WHERE A DEVICE OR EQUIPMENT IS REMOVED, ALL ASSOCIATED SURFACE CONDUITS, PULL BOXES SHALL BE TERMINATED AND ABANDONED IN CEILING SPACE AND SHALL BE MADE SAFE. ALL ASSOCIATED CONDUITS AND OUTLET BOXES/PULL BOXES INSIDE THE REMAINING WALLS SHALL REMAIN AND PROVIDE BLANK COVERS FOR UNUSED BOXES. ALL ASSOCIATED WIRING/DATA CABLES/VOICE CABLES SHALL BE REMOVED FROM SOURCE.
  - TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
  - ALL REDUNDANT, OBSOLETE COMMUNICATION AND POWER WIRING, CONDUIT AND JUNCTION BOXES SHALL BE REMOVED.
  - MAKE REMAINING WIRING SAFE AND REMOVE ALL REDUNDANT CONDUITS AND WIRES BACK TO PANEL OF ORIGIN. ADJUST ALL EXISTING WIRING TO ACCOMMODATE LAYOUT CHANGES AND TO KEEP OPERATIONAL EXISTING ELECTRICAL EQUIPMENT AND DEVICES.
  - COORDINATE WITH OWNER THE DISPOSAL OF ALL REDUNDANT DEVICES AND/OR MATERIALS RESULTED FROM ELECTRICAL DEMOLITION.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK TO SUIT THE PROJECT PHASE SCHEDULE.



**2** PLP CLASSROOM & STAFF WORK MODIFICATION LIGHTING PLAN  
E3.0 SCALE: 1:50

**1** PLP CLASSROOM & STAFF WORK DEMOLITION LIGHTING PLAN  
E3.0 SCALE: 1:50

2.	ISSUED FOR TENDER & PERMIT	4/20/26
1.	ISSUED FOR COORDINATION	3/25/26
NO.	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

CERTIFICATE OF PRACTICE #4292

**AJAX HIGH SCHOOL**

105 Bayly St. E, Ajax, ON  
L1S 1P2

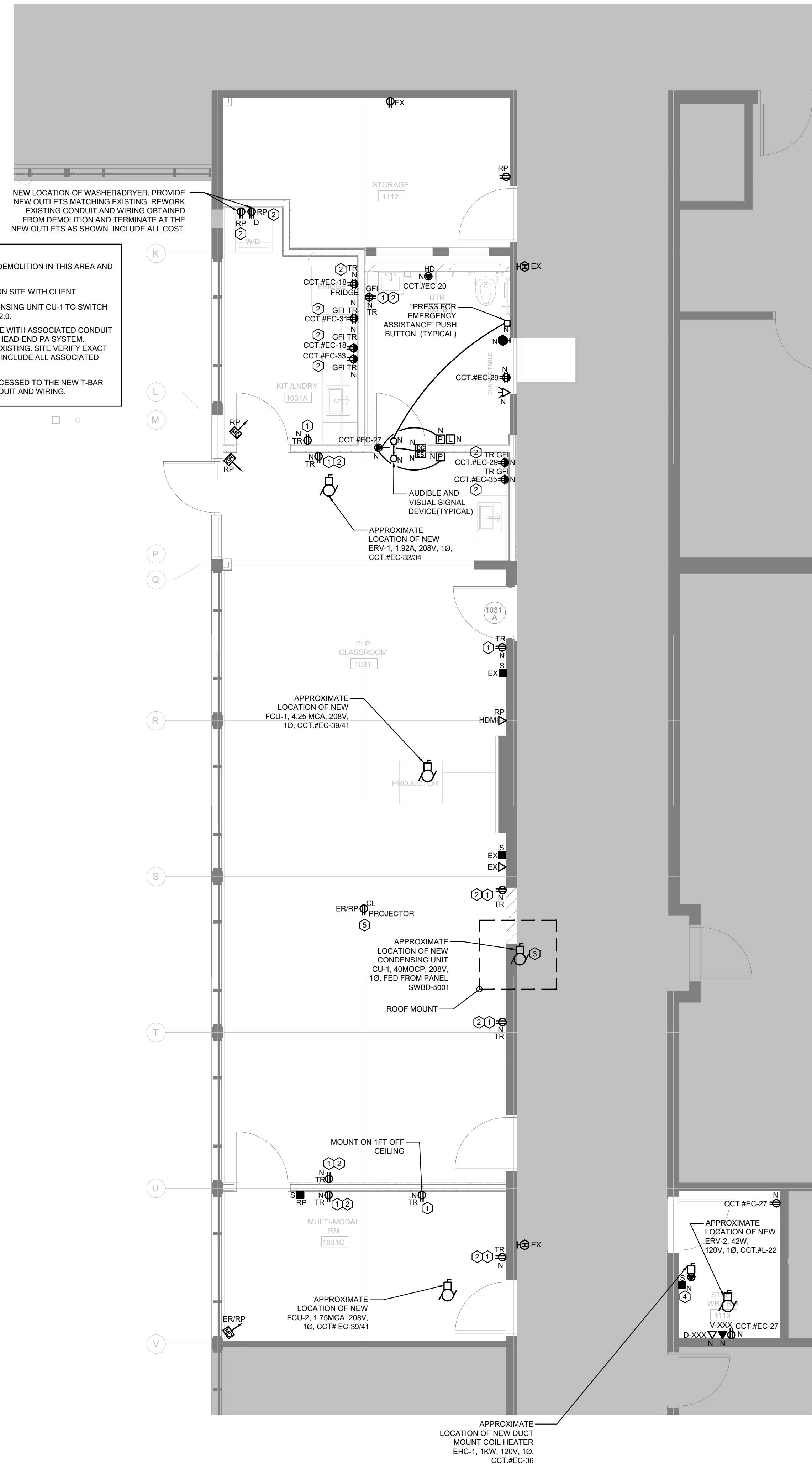


**PLP CLASSROOM LIGHTING PLAN**



**RDZ ENGINEERS LTD**  
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SCALE	PROJECT
AS NOTED	<b>25198</b>
DATE	02/18/2026
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CHECKED	FH
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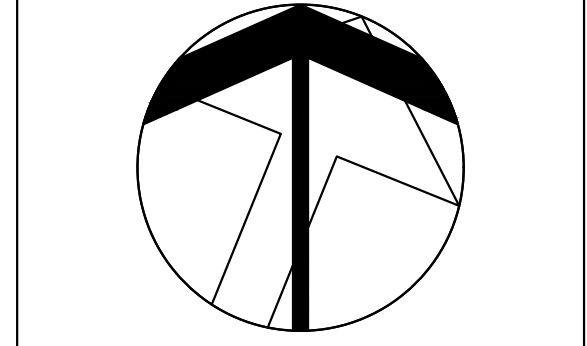
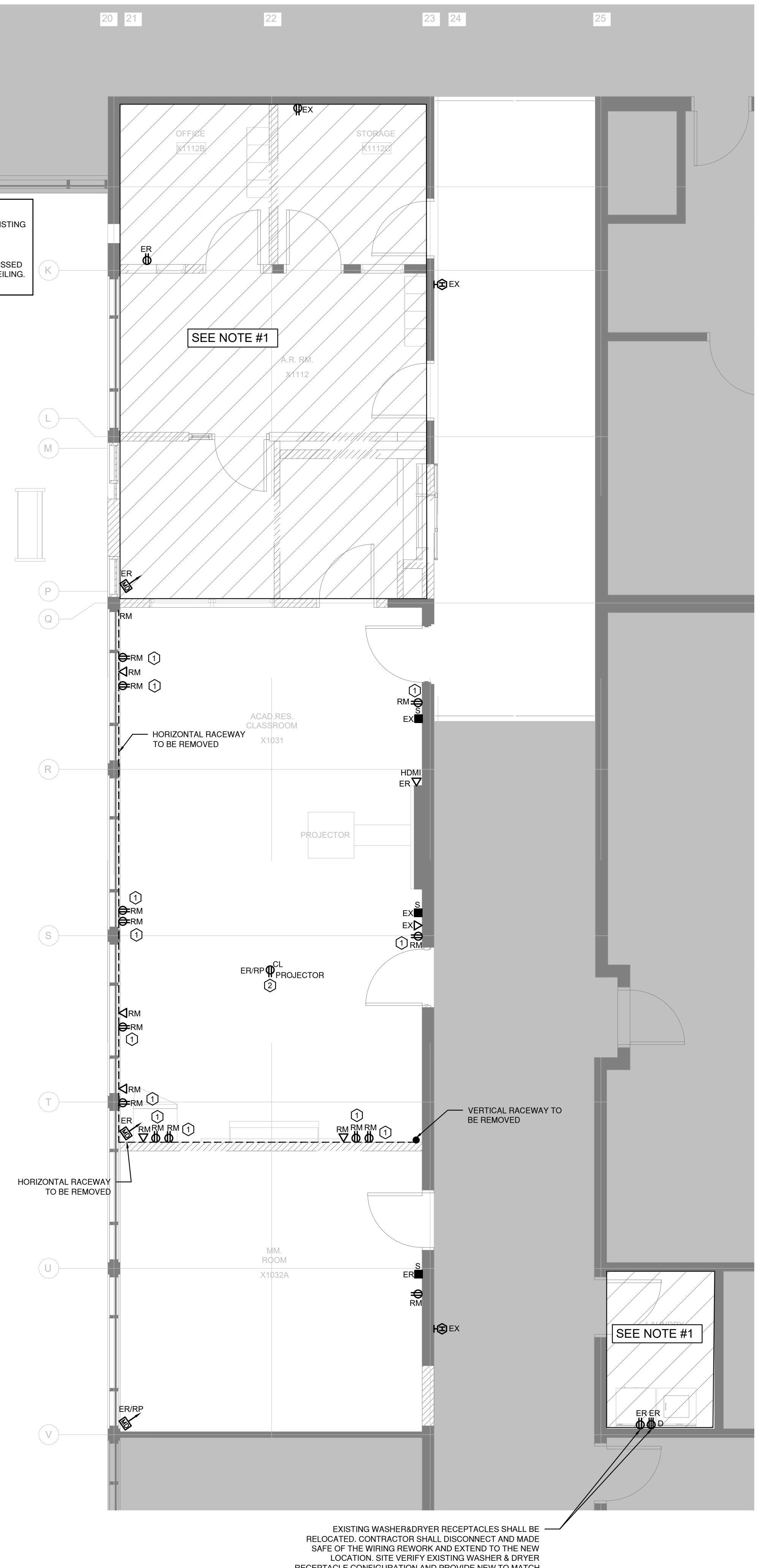


- KEYED NOTES**
- UTILIZE EXISTING CIRCUIT OBTAIN FROM DEMOLITION IN THIS AREA AND RECONNECT TO NEW DEVICES.
  - COORDINATE EXACT MOUNTING HEIGHT ON SITE WITH CLIENT.
  - PROVIDE 248-34°C CONNECT NEW CONDENSING UNIT CU-1 TO SWITCH BOARD SWBD-5001 REFER TO DRAWING E2.0.
  - PROVIDE NEW PA CALL SWITCH COMPLETE WITH ASSOCIATED CONDUIT AND WIRING AND CONNECT TO EXISTING HEAD-END PA SYSTEM. NEW PA CALL SWITCH SHALL MATCHING EXISTING. SITE VERIFY EXACT LOCATION OF PA HEAD-END SYSTEM AND INCLUDE ALL ASSOCIATED COST FOR THE FINAL TIE-IN.
  - RE-INSTALLED PROJECT RECEPTACLE RECESSED TO THE NEW T-BAR CEILING. CONCEAL ALL ASSOCIATED CONDUIT AND WIRING.

- KEYED NOTES**
- DISCONNECT AND REMOVE EXISTING DEVICES AS SHOWN. MAKE SAFE OF EXISTING CIRCUITS, REWORK AND RECONNECT TO NEW DEVICE AS SHOWN ON THIS DRAWING DETAIL#2
  - EXISTING RECEPTACLE & CONDUIT AND WIRING SHALL BE RE-WORKED AND RE-INSTALLED ABOVE NEW T-BAR CEILING. THE RECEPTACLE SHALL BE RECESSED TO THE NEW T-BAR CEILING AND CONDUIT CONCEALED ABOVE NEW T-BAR CEILING. INCLUDE ALL COST.

- NOTES:**
- IN THIS AREA, UNLESS OTHERWISE NOTED, ELECTRICAL CONTRACTOR SHALL DISCONNECT & REMOVE THE FOLLOWING EQUIPMENT/DEVICES COMPLETE WITH ALL ASSOCIATED CONDUITS/WIRING AND BOXES ETC.:
    - ALL LIGHT FIXTURES
    - ALL LIGHT SWITCHES
    - ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS
    - ALL RECEPTACLES
    - ALL MECHANICAL EQUIPMENT

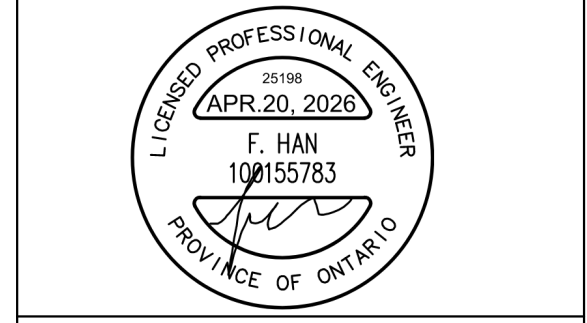
- NOTES: (RE-DEMOLITION LAYOUT)**
- DEMOLITION OF EXISTING MATERIALS AND/OR EQUIPMENT AS SHOWN ON DRAWINGS BY ELECTRICAL CONTRACTOR WORK SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH APPLICABLE PROVINCIAL AND MUNICIPAL BY-LAWS AND REGULATIONS.
  - DISCONNECT AND REMOVE ALL EQUIPMENT DESIGNATED FOR REMOVAL. RECONNECT ALL EQUIPMENT WHERE REQUIRED AND DISCONNECT AND CAP, OR ARRANGE FOR DISCONNECTING AND CAPPING, ALL MAIN SERVICES IN ACCORDANCE WITH THE AUTHORITIES HAVING JURISDICTION.
  - PRIOR TO COMMENCING THE DEMOLITION SCOPE OF WORK, EXAMINE CAREFULLY THE ELEMENTS OF THE EXISTING SYSTEMS TO BE REMOVED. FOR REASONS OF CLARITY, THE DRAWINGS DO NOT SHOW ALL BUILDING SERVICES LOCATED IN THE RENOVATION AREA OR ALL STRUCTURAL ELEMENTS. ALL BUILDING SERVICES AND OTHER UTILITIES NOT AFFECTED BY THIS WORK SHALL REMAIN OPERATIONAL. ANY DAMAGE TO BUILDING SERVICES, UTILITIES OR PROPERTY AFFECTED BY THE WORK SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR, AT NO COST TO THE BOARD.
  - VISIT SITE, EXAMINE EXISTING CONDITIONS, FULLY UNDERSTAND THE FUNCTIONING OF THE SYSTEM DESCRIBED AND SPECIFIED UNDER THIS SECTION. IF IN DOUBT, CONTACT ENGINEER BEFORE SUBMITTING THE TENDER PRICE. **NO ALLOWANCE WILL BE ALLOWED LATER DUE TO FAILURE OF THIS DIVISION TO MAKE THIS EXAMINATION.**
  - ALL TRACING AND VERIFYING OF EXISTING BRANCH CIRCUITS FOR REASONS OF ISOLATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
  - CONTACT OWNER PRIOR TO ANY DEMOLITION WORK. THE OWNER WILL DESIGNATE WHICH EQUIPMENT AND/OR MATERIALS ARE TO BE SALVAGED. DEMOLITION WORK IS TO PROCEED ONLY AFTER OWNER'S APPROVAL HAS BEEN OBTAINED.
  - ALL MATERIALS AND/OR EQUIPMENT DESIGNATED FOR SALVAGE SHALL BE TURNED OVER TO THE OWNER. ALL OTHER MATERIALS AND/OR EQUIPMENT DESIGNATED FOR REMOVAL BECOMES THE PROPERTY OF THE DEMOLITION CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE SITE. UNDER NO CIRCUMSTANCES SHALL THE MATERIALS AND/OR EQUIPMENT BE SOLD DIRECTLY FROM THE SITE.
  - EXISTING ELECTRICAL EQUIPMENT WHICH BECOMES REDUNDANT SHALL BE COMPLETELY DISCONNECTED AND REMOVED FROM THE SITE.
  - FOR EXACT LOCATION OF MECHANICAL EQUIPMENT WHICH SHALL BE REMOVED, COORDINATE WITH MECHANICAL DIVISION DRAWINGS.
  - ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL CONDUIT AND WIRING OF MECHANICAL EQUIPMENT TO BE REMOVED UNLESS OTHERWISE NOTED.
  - FOR ALL EXISTING EQUIPMENT WHICH SHALL BE REMOVED, ELECTRICAL CONTRACTOR SHALL MAKE WIRING SAFE.
  - FOR EXACT LOCATION OF ALL EXISTING EQUIPMENT COORDINATE ON SITE.
  - FOR EXISTING EQUIPMENT WHICH SHALL BE RELOCATED, ADJUST CONDUITS AND WIRES TO SUIT. EXISTING EQUIPMENT TO REMAIN ARE SHOWN FOR CLARIFICATION ONLY.
  - WHENEVER EXISTING ELECTRICALLY OPERATED EQUIPMENT IS REMOVED FROM ITS PRESENT LOCATION OR RE-INSTALLED ELSEWHERE, REMOVE REDUNDANT EXISTING CONDUITS, BOXES, CABLES, FIXTURES, ETC. WHICH MAY RESULT FROM SUCH REMOVAL OF EQUIPMENT. SHALL BE CLOSED IN PROPER MANNER AND ALL CABLES AND WIRES PROPERLY TERMINATED AND INSULATED TO RESTORE THE SYSTEM TO A SAFE AND SOUND CONDITION AND TO THE ARCHITECT'S SATISFACTION.
  - IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR DRAWING THAT EQUIPMENT AND MATERIALS TO BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART, IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION.
  - WHERE THE EXISTING EQUIPMENT IS NOT TO BE ULTIMATELY RELOCATED BUT INTERFERES WITH THE CONSTRUCTION, THE EQUIPMENT SHALL BE TEMPORARILY RELOCATED UNTIL SUCH TIME AS THE NEW WORK IS COMPLETED SERVICES TO TEMPORARILY RELOCATED EQUIPMENT SHALL BE MAINTAINED AT ALL TIMES.
  - WHERE A DEVICE OR EQUIPMENT IS REMOVED, ALL ASSOCIATED SURFACE CONDUITS, PULL BOXES SHALL BE TERMINATED AND ABANDONED IN CEILING SPACE AND SHALL BE MADE SAFE. ALL ASSOCIATED CONDUITS AND OUTLET BOXES/PULL BOXES INSIDE THE REMAINING WALLS SHALL REMAIN AND PROVIDE BLANK COVERS FOR UNUSED BOXES. ALL ASSOCIATED WIRING/DATA CABLES/VOICE CABLES SHALL BE REMOVED FROM SOURCE.
  - TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
  - ALL REDUNDANT, OBSOLETE COMMUNICATION AND POWER WIRING, CONDUIT AND JUNCTION BOXES SHALL BE REMOVED.
  - MAKE REMAINING WIRING SAFE AND REMOVE ALL REDUNDANT CONDUITS AND WIRES BACK TO PANEL OF ORIGIN. ADJUST ALL EXISTING WIRING TO ACCOMMODATE LAYOUT CHANGES AND TO KEEP OPERATIONAL EXISTING ELECTRICAL EQUIPMENT AND DEVICES.
  - COORDINATE WITH OWNER THE DISPOSAL OF ALL REDUNDANT DEVICES AND/OR MATERIALS RESULTED FROM ELECTRICAL DEMOLITION.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK TO SUIT THE PROJECT PHASE SCHEDULE.



NO	ISSUED	DATE
2.	ISSUED FOR TENDER & PERMIT	4/20/26
1.	ISSUED FOR COORDINATION	3/25/26

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

CERTIFICATE OF PRACTICE #4292  
**AJAX HIGH SCHOOL**  
 105 Bayly St. E, Ajax, ON  
 L1S 1P2



**PLP CLASSROOM  
 POWER PLAN**



**RDZ ENGINEERS LTD**  
 17A - 30 Pennsylvania Avenue  
 Vaughan, Ontario L4K 4A5  
 email: info@rdzeng.ca

SCALE	PROJECT
AS NOTED	25198
DATE	02/19/2026
DRAWN	OL
CHECKED	FH
PRINT DATE	2026-02-26 9:25:51 AM
REVIT FILE	T:\2015\1512\102\Revit.RVT

**2** PLP CLASSROOM & STAFF WORK MODIFICATION POWER PLAN  
 E3.1 SCALE: 1:50

**1** PLP CLASSROOM & STAFF WORK ROOM DEMOLITION POWER PLAN  
 E3.1 SCALE: 1:50

**E3.1**

**NOTES:**

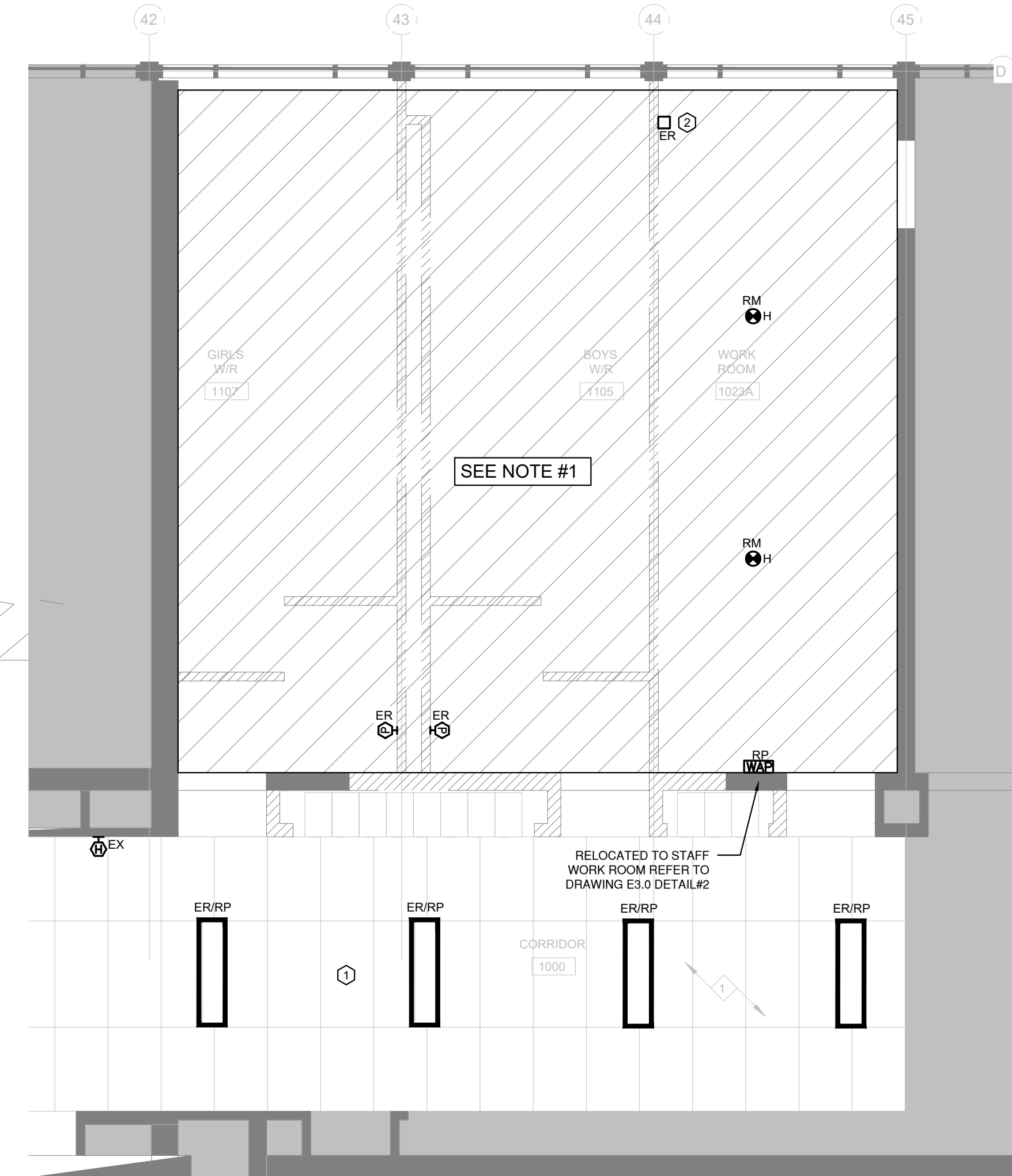
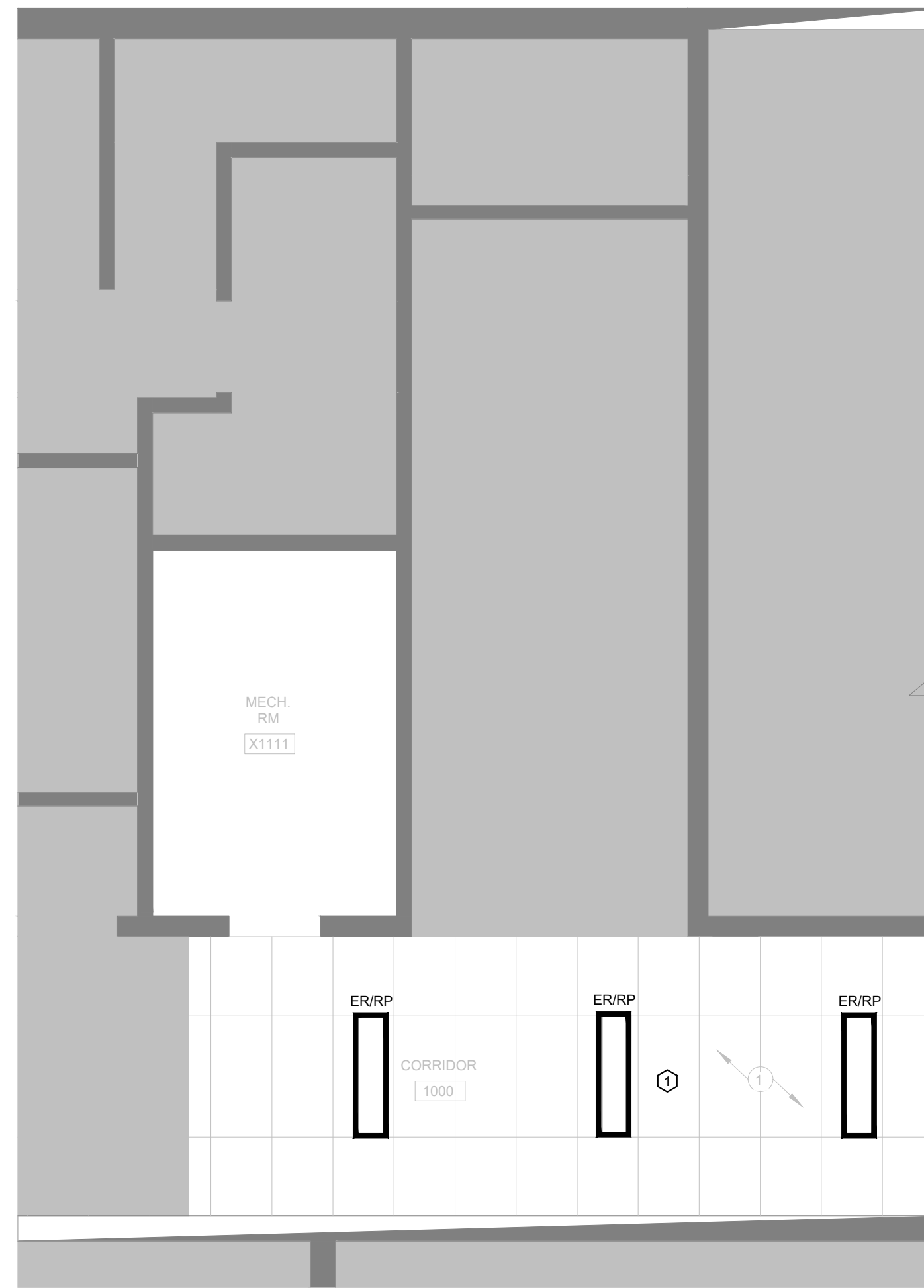
- IN THIS AREA, UNLESS OTHERWISE NOTED, ELECTRICAL CONTRACTOR SHALL DISCONNECT & REMOVE THE FOLLOWING EQUIPMENT/DEVICES COMPLETE WITH ALL ASSOCIATED CONDUITS/WIRING AND BOXES ETC.:
  - ALL LIGHT FIXTURES
  - ALL LIGHT SWITCHES
  - ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS
  - ALL RECEPTACLES
  - ALL HAND DRYERS
  - ALL HEATER
  - ALL ELECTRIC HAND WASHING STATION (BRADLEY UNIT)
  - ALL ELECTRICAL CONNECTIONS FOR EXISTING WASHROOM FIXTURES/ FLUSH/ URINALS
  - ALL EXISTING BELL
  - ALL MECHANICAL EQUIPMENT, STARTER & H.O.A. CONTACTOR
  - ALL SECURITY DEVICES
  - ALL COMMUNICATION OUTLETS

**KEYED NOTES**

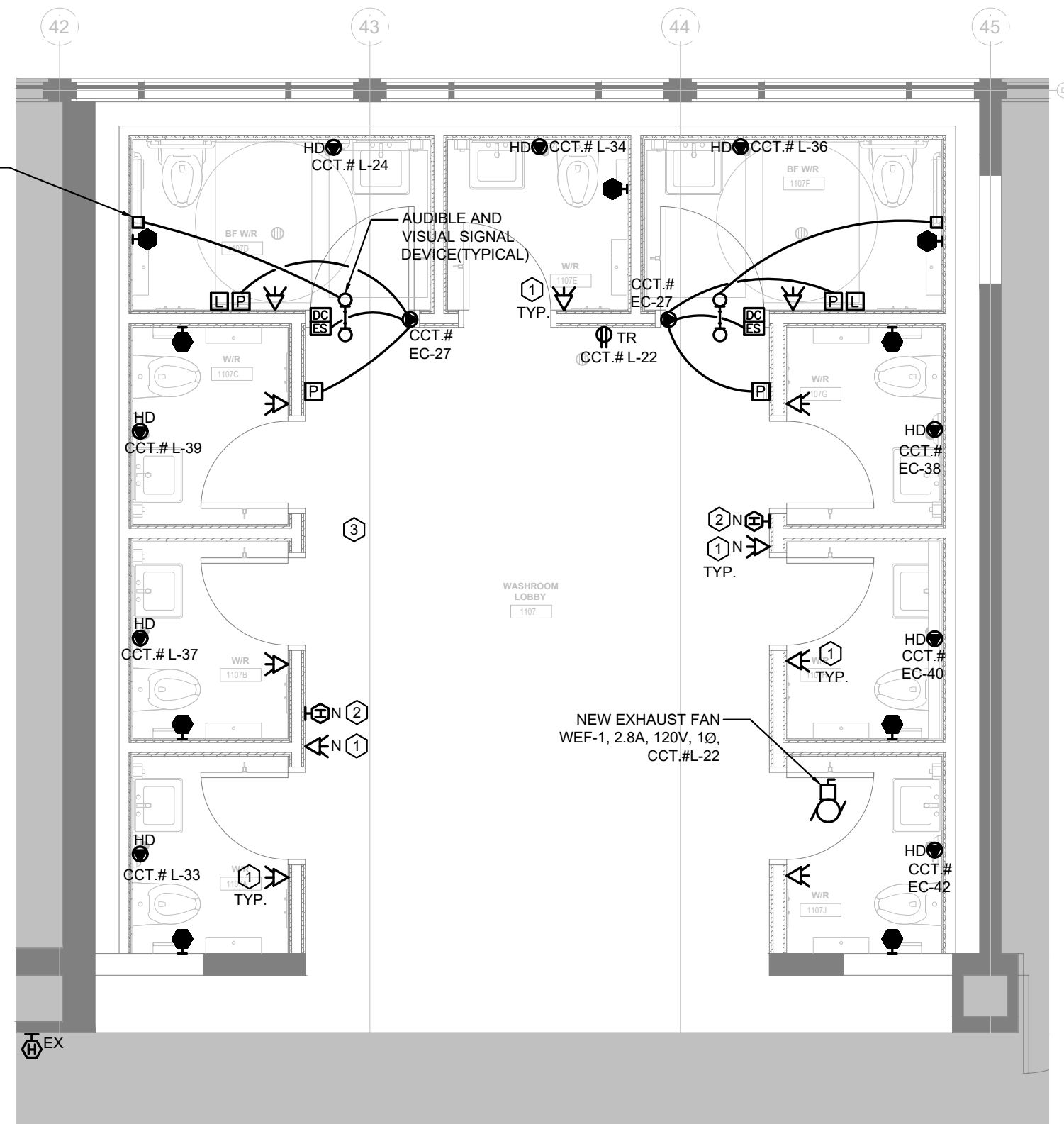
- AT THE CORRIDOR#1000, ELECTRICAL CONTRACTOR SHALL INCLUDE ER/RP ALL EXISTING SECURITY DEVICES, FIRE ALARM DEVICES, EMERGENCY LIGHTINGS, EXIT SIGNS, ETC. TO SUIT NEW MECHANICAL DUCT WORK. ELECTRICAL CONTRACTOR MUST CONDUCT TENDER SITE WORK TO CONFIRM EXACT SCOPE OF WORK. INCLUDE ALL COST IN THE TENDER BID.
- OUTDOOR LIGHTS SWITCH RELOCATE TO STAFF ROOM COMPLETE WITH ALL ASSOCIATED CONDUIT, WIRING, JUNCTION BOXES, RELAYS, ETC. SITE VERIFY EXACT ROUTING. REFER TO DRAWING E3.3 DETAIL#2

**NOTES: (RE-DEMOLITION LAYOUT)**

- DEMOLITION OF EXISTING MATERIALS AND/OR EQUIPMENT AS SHOWN ON DRAWINGS BY ELECTRICAL CONTRACTOR. WORK SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH APPLICABLE PROVINCIAL AND MUNICIPAL BY LAWS AND REGULATIONS.
- DISCONNECT AND REMOVE ALL EQUIPMENT DESIGNATED FOR REMOVAL. RECONNECT ALL EQUIPMENT WHERE REQUIRED AND DISCONNECT AND CAP, OR ARRANGE FOR DISCONNECTING AND CAPPING. ALL MAIN SERVICES IN ACCORDANCE WITH THE AUTHORITIES HAVING JURISDICTION.
- PRIOR TO COMMENCING THE DEMOLITION SCOPE OF WORK, EXAMINE CAREFULLY THE ELEMENTS OF THE EXISTING SYSTEMS TO BE REMOVED. FOR REASONS OF CLARITY, THE DRAWINGS DO NOT SHOW ALL BUILDING SERVICES LOCATED IN THE RENOVATION AREA OR ALL STRUCTURAL ELEMENTS. ALL BUILDING SERVICES AND OTHER UTILITIES NOT AFFECTED BY THIS WORK SHALL REMAIN OPERATIONAL. ANY DAMAGE TO BUILDING SERVICES, UTILITIES OR PROPERTY AFFECTED BY THE WORK SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR, AT NO COST TO THE BOARD.
- VISIT SITE. EXAMINE EXISTING CONDITIONS. FULLY UNDERSTAND THE FUNCTIONING OF THE SYSTEM DESCRIBED AND SPECIFIED UNDER THIS SECTION. IF IN DOUBT, CONTACT ENGINEER BEFORE SUBMITTING THE TENDER PRICE. NO ALLOWANCE WILL BE ALLOWED LATER DUE TO FAILURE OF THIS DIVISION TO MAKE THIS EXAMINATION.
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- EXISTING ELECTRICAL EQUIPMENT WHICH BECOMES REDUNDANT SHALL BE COMPLETELY DISCONNECTED AND REMOVED FROM THE SITE.
- FOR EXACT LOCATION OF MECHANICAL EQUIPMENT WHICH SHALL BE REMOVED, COORDINATE WITH MECHANICAL DIVISION DRAWINGS.
- ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL CONDUIT AND WIRING OF MECHANICAL EQUIPMENT TO BE REMOVED UNLESS OTHERWISE NOTED.
- FOR ALL EXISTING EQUIPMENT WHICH SHALL BE REMOVED, ELECTRICAL CONTRACTOR SHALL MAKE WIRING SAFE.
- FOR EXACT LOCATION OF ALL EXISTING EQUIPMENT COORDINATE ON SITE.
- FOR EXISTING EQUIPMENT WHICH SHALL BE RELOCATED, ADJUST CONDUITS AND WIRES TO SUIT. EXISTING EQUIPMENT TO REMAIN ARE SHOWN FOR CLARIFICATION ONLY.
- WHENEVER EXISTING ELECTRICALLY OPERATED EQUIPMENT IS REMOVED FROM ITS PRESENT LOCATION OR RE-INSTALLED ELSEWHERE, REMOVE REDUNDANT EXISTING CONDUITS, BOXES, CABLES, FIXTURES, ETC. OPENINGS IN BOXES, RACEWAYS, PANELS, ETC. WHICH MAY RESULT FROM SUCH REMOVAL OF EQUIPMENT, SHALL BE CLOSED IN PROPER MANNER AND ALL CABLES AND WIRES PROPERLY TERMINATED AND INSULATED TO RESTORE THE SYSTEM TO A SAFE AND SOUND CONDITION AND TO THE ARCHITECT'S SATISFACTION.
- IN EVERY INSTANCE WHERE IT IS REQUIRED IN THE SPECIFICATION OR DRAWING THAT EQUIPMENT AND MATERIALS TO BE REMOVED FROM EXISTING LOCATIONS AND RE-INSTALLED, EITHER IN WHOLE OR IN PART, IN NEW LOCATIONS, ALL SUCH EQUIPMENT AND MATERIALS SHALL BE THOROUGHLY CLEANED AND WHERE NECESSARY PUT INTO GOOD OPERATING CONDITION BEFORE BEING RE-INSTALLED IN THE NEW LOCATION.
- WHERE THE EXISTING EQUIPMENT IS NOT TO BE ULTIMATELY RELOCATED BUT INTERFERES WITH THE CONSTRUCTION, THE EQUIPMENT SHALL BE TEMPORARILY RELOCATED UNTIL SUCH TIME AS THE NEW WORK IS COMPLETED SERVICES TO TEMPORARILY RELOCATED EQUIPMENT SHALL BE MAINTAINED AT ALL TIMES.
- WHERE A DEVICE OR EQUIPMENT IS REMOVED, ALL ASSOCIATED SURFACE CONDUITS, PULL BOXES SHALL BE TERMINATED AND ABANDONED IN CEILING SPACE AND SHALL BE MADE SAFE. ALL ASSOCIATED CONDUITS AND OUTLET BOXES/PULL BOXES INSIDE THE REMAINING WALLS SHALL REMAIN AND PROVIDE BLANK COVERS FOR UNUSED BOXES. ALL ASSOCIATED WIRING DATA CABLES/VOICE CABLES SHALL BE REMOVED FROM SOURCE.
- TEST ALL PARTS OF THE RE-USED OR RELOCATED ELECTRICAL EQUIPMENT AND CORRECT ALL FAULTS AND GROUNDS.
- ALL REDUNDANT, OBSOLETE COMMUNICATION AND POWER WIRING, CONDUIT AND JUNCTION BOXES SHALL BE REMOVED.
- MAKE REMAINING WIRING SAFE AND REMOVE ALL REDUNDANT CONDUITS AND WIRES BACK TO PANEL OF ORIGIN. ADJUST ALL EXISTING WIRING TO ACCOMMODATE LAYOUT CHANGES AND TO KEEP OPERATIONAL EXISTING ELECTRICAL EQUIPMENT AND DEVICES.
- COORDINATE WITH OWNER THE DISPOSAL OF ALL REDUNDANT DEVICES AND/OR MATERIALS RESULTED FROM ELECTRICAL DEMOLITION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK TO SUIT THE PROJECT PHASE SCHEDULE.



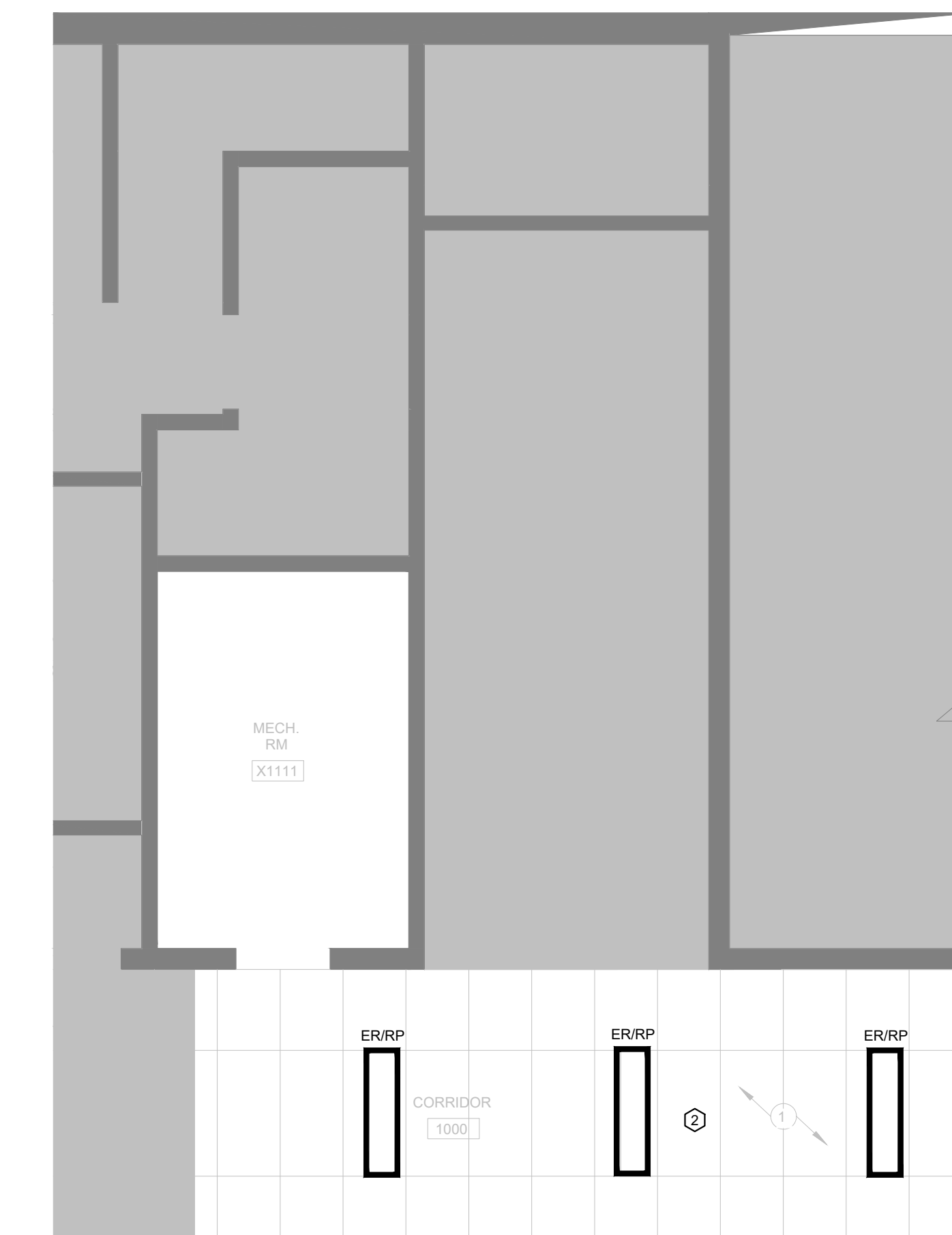
**1 WASHROOM DEMOLITION PLAN**  
E3.2 SCALE: 1:50



**KEYED NOTES**

- PROVIDE NEW FIRE ALARM STROBE (TO MATCH EXISTING) AND CONNECT TO THE NEAREST FIRE ALARM STROBE LIGHT ZONE OF THIS AREA. PROVIDE CONDUIT/WIRING AND ALL ASSOCIATED COMPONENTS TO SUIT. PROVIDE FIRE ALARM VERIFICATION AFTER COMPLETION OF WORK.
- PROVIDE NEW FIRE ALARM HORN (TO MATCH EXISTING) AND CONNECT TO THE NEAREST FIRE ALARM ZONE OF THIS AREA. PROVIDE CONDUIT/WIRING AND ALL ASSOCIATED COMPONENTS TO SUIT. PROVIDE FIRE ALARM VERIFICATION AFTER COMPLETION OF WORK.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ONE (1) CAT 6 CABLE WITH 15 FT OF SLACK COILED IN THE CEILING AND GO TO HUB ROOM (1002) WITH 15 FT OF SLACK COILED IN THE CEILING.

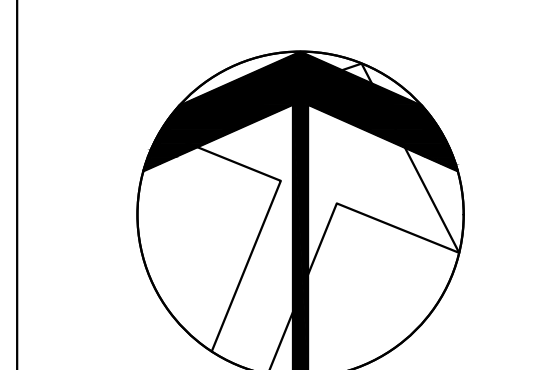
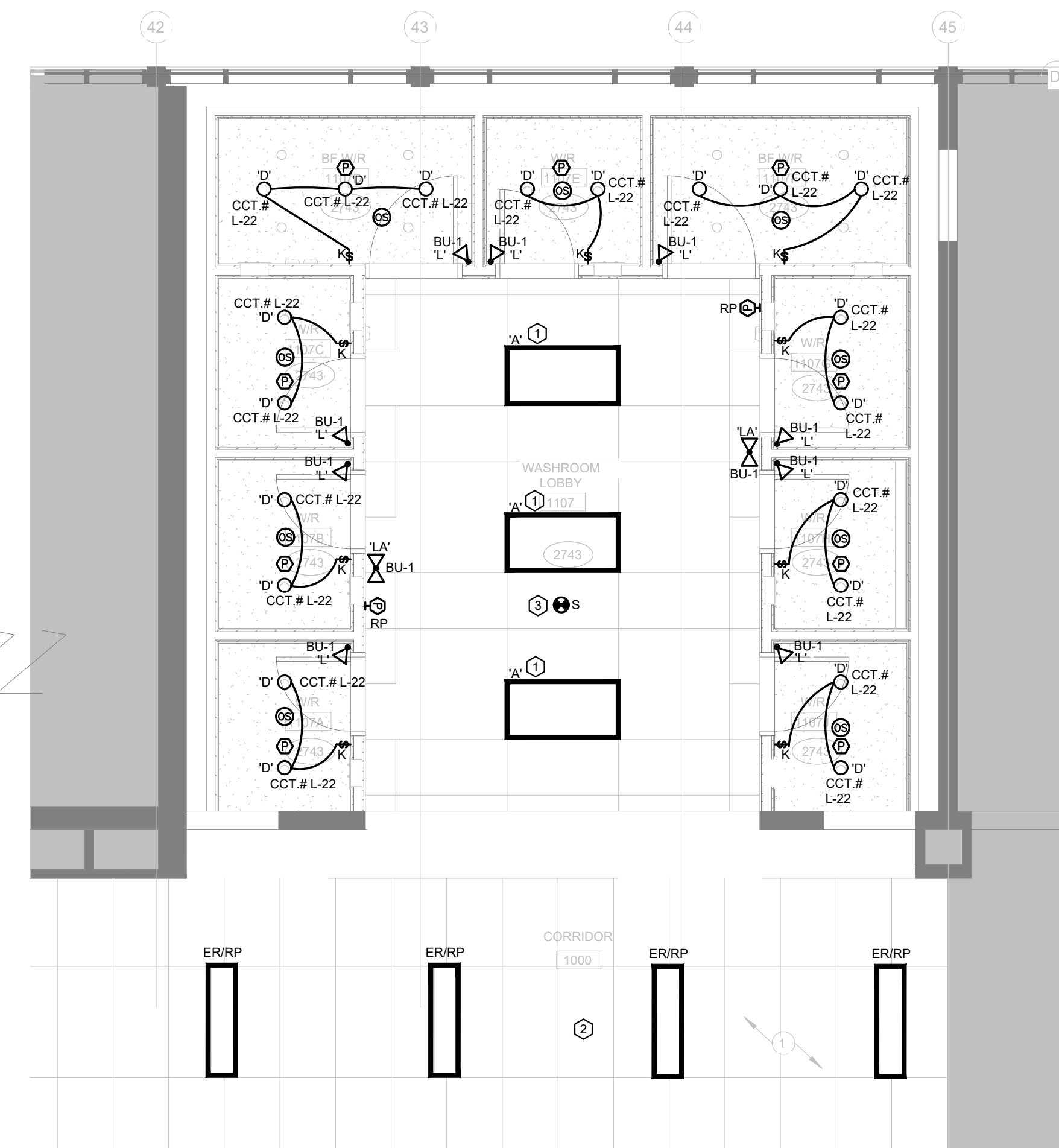
**3 WASHROOM MODIFICATION POWER PLAN**  
E3.2 SCALE: 1:50



**KEYED NOTES**

- CONNECT TO NEAREST CORRIDOR LIGHTING CIRCUIT & LIGHTING CONTROL TO SUIT
- AT THE CORRIDOR#1000, ELECTRICAL CONTRACTOR SHALL INCLUDE ER/RP ALL EXISTING SECURITY DEVICES, FIRE ALARM DEVICES, EMERGENCY LIGHTINGS, EXIT SIGNS, ETC. TO SUIT NEW MECHANICAL DUCT WORK. ELECTRICAL CONTRACTOR MUST CONDUCT TENDER SITE WORK TO CONFIRM EXACT SCOPE OF WORK. INCLUDE ALL COST IN THE TENDER BID.
- PROVIDE NEW FIRE ALARM SMOKE DETECTOR (TO MATCH EXISTING) AND CONNECT TO THE NEAREST FIRE ALARM ZONE OF THIS AREA. PROVIDE CONDUIT/WIRING AND ALL ASSOCIATED COMPONENTS TO SUIT. PROVIDE FIRE ALARM VERIFICATION AFTER COMPLETION OF WORK.

**2 WASHROOM MODIFICATION LIGHTING PLAN**  
E3.2 SCALE: 1:50



2.	ISSUED FOR TENDER & PERMIT	4/20/26
1.	ISSUED FOR COORDINATION	3/25/26
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

CERTIFICATE OF PRACTICE #4292

**AJAX HIGH SCHOOL**

105 Bayly St. E, Ajax, ON L1S 1P2



**WASHROOM ELECTRICAL PLAN**



**RDZ ENGINEERS LTD**  
17A - 30 Pennsylvania Avenue  
Vaughan, Ontario L4K 4A5  
email: info@rdzeng.ca

SCALE	PROJECT
AS NOTED	25198
DATE	
02/18/2026	
DRAWN	DRAWING
OL	E3.2
CHECKED	
FH	
PRINT DATE	2026-02-26 9:25:51 AM
REVIT FILE	T:\2015\1512\102\Revit\RV1

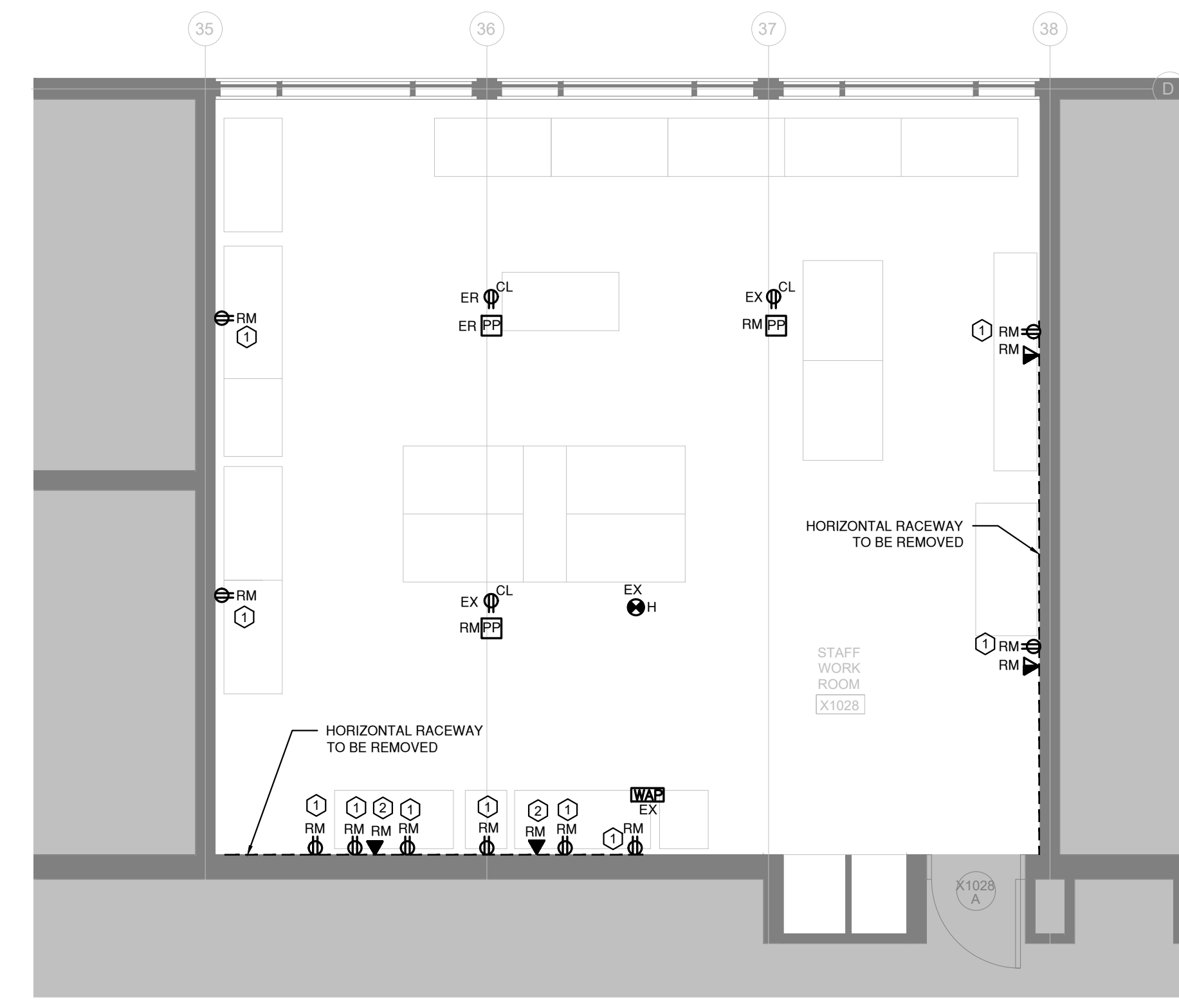
EXISTING PANEL LP-EC'						
225A MAINS, 42 CCTS, 120/208V, 3Ø, 4W						
LOCATION: CORRIDOR						
DESCRIPTION	LOAD (W)	BRKR SIZE	A B C	BRKR SIZE	LOAD (W)	DESCRIPTION
EXISTING		15A/1P EX	1	2	15A/1P EX	EXISTING
EXISTING		15A/1P EX	3	4	15A/1P EX	EXISTING
EXISTING		15A/1P EX	5	6	15A/1P EX	EXISTING
EXISTING		15A/1P EX	7	8	15A/1P EX	EXISTING
EXISTING		15A/1P EX	9	10	15A/2P EX	EXISTING
EXISTING		15A/1P EX	11	12	15A/2P EX	EXISTING
EXISTING		15A/1P EX	13	14	15A/2P EX	EXISTING
EXISTING		15A/1P EX	15	16	15A/2P EX	EXISTING
EXISTING		15A/1P EX	17	18	20A/1P	1000 FRIDGE/ KITCHEN
EXISTING		15A/1P EX	19	20	15A/1P	1000 HAND DRYER
EXISTING		15A/1P EX	21	22	15A/1P EX	EXISTING
EXISTING		15A/1P EX	23	24	15A/1P EX	EXISTING
EXISTING		15A/1P EX	25	26	15A/1P EX	EXISTING
DOOR OPERATOR & STAFF WORK RM#6	800	15A/1P	27	28	15A/1P EX	EXISTING
PLP CLASSROOM WASHROOM/ SINK	1500	20A/1P	29	30	15A/1P EX	EXISTING
DISHWASHER	1500	20A/1P	31	32	15A/2P	400 PLP CLASSROOM ERV-1
MICROWAVE	1000	20A/1P	33	34	15A/1P	1000 ELECTRIC HEATER, ECH-1
MICROWAVE	1000	20A/1P	35	36	15A/1P	1000 HAND DRYER
STAFF WORK ROOM#X1028 (PRINTER)	1000	20A/1P	37	38	15A/1P	1000 HAND DRYER
FAN COIL UNIT, FCU-1 & FCU-2	1250	15A/2P	39	40	15A/1P	1000 HAND DRYER
			41	42	15A/1P	1000 HAND DRYER
TOTAL	8050				6400	
TOTAL CONNECTED LOAD	14.5	BLOD INDICATE NEW				

EXISTING PANEL LP-L'						
200A MAINS, 42 CCTS, 120/208V, 3Ø, 4W						
LOCATION: CORRIDOR						
DESCRIPTION	LOAD (W)	BRKR SIZE	A B C	BRKR SIZE	LOAD (W)	DESCRIPTION
EXISTING		15A/1P EX	1	2	15A/1P EX	EXISTING
EXISTING		15A/1P EX	3	4	15A/1P EX	EXISTING
EXISTING		15A/1P EX	5	6	15A/1P EX	EXISTING
EXISTING		15A/1P EX	7	8	15A/1P EX	EXISTING
EXISTING		15A/1P EX	9	10	15A/1P EX	EXISTING
EXISTING		15A/1P EX	11	12	15A/1P EX	EXISTING
EXISTING		15A/1P EX	13	14	15A/1P EX	EXISTING
EXISTING		15A/1P EX	15	16	15A/1P EX	EXISTING
EXISTING		15A/1P EX	17	18	15A/1P EX	EXISTING
EXISTING		15A/1P EX	19	20	15A/1P EX	EXISTING
EXISTING		15A/1P EX	21	22	15A/1P	800 LIGHTING (WR)/ BATTERY UNIT/ RECEPTACLE (WR)/WEF-1 ERV-2
EXISTING		15A/1P EX	23	24	15A/1P	1000 HAND DRYER
EXISTING		15A/1P EX	25	26	15A/1P EX	EXISTING
EXISTING		15A/1P EX	27	28	15A/1P	1000 STAFF WORK ROOM#X1028
EXISTING		15A/1P EX	29	30	20A/1P EX	EXISTING
EXISTING		20A/1P EX	31	32	20A/1P EX	EXISTING
EXISTING		20A/1P EX	33	34	15A/1P	1000 HAND DRYER
EXISTING		20A/1P EX	35	36	15A/1P	1000 HAND DRYER
EXISTING		15A/1P EX	37	38	100A/3P EX	EXISTING
EXISTING		15A/1P EX	39	40	100A/3P EX	EXISTING
EXISTING		15A/1P EX	41	42	100A/3P EX	EXISTING
TOTAL	3000				4800	
TOTAL CONNECTED LOAD	7.8	BLOD INDICATE NEW				

3 PANEL SCHEDULE  
E3.3 N.T.S.

**KEYED NOTES**

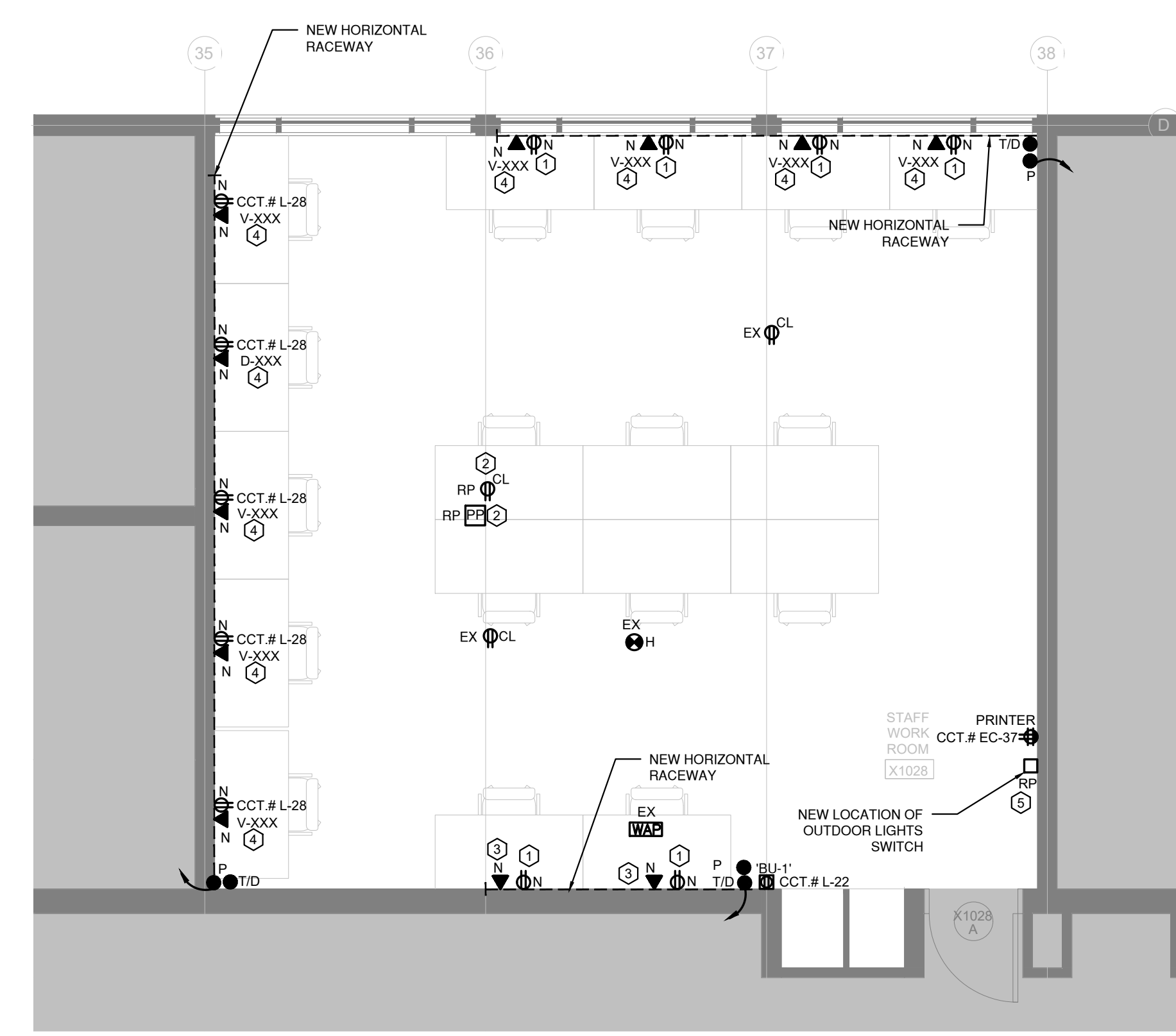
- DISCONNECT AND REMOVE EXISTING DEVICES AS SHOWN. MAKE SAFE OF EXISTING CIRCUITS, REWORK AND RECONNECT TO NEW DEVICES AS SHOWN ON THIS DRAWING DETAIL#2
- EXISTING DATA CABLES SHALL BE DISCONNECTED AND MADE SAFE AND RECONNECT TO THE NEW DATA OUTLET AT THE NEW RACEWAY



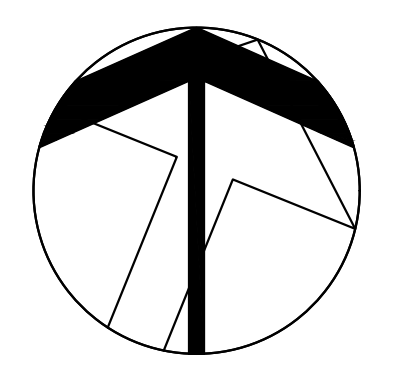
1 STAFF ROOM DEMOLITION PLAN  
E3.3 SCALE: 1:50

**KEYED NOTES**

- UTILIZE EXISTING CIRCUIT OBTAIN FROM DEMOLITION IN THIS AREA AND RECONNECT TO NEW DEVICES.
- SITE COORDINATE EXACT FURNITURE LOCATION PRIOR TO INSTALLATION OF PAC POLE AND ASSOCIATE RECEPTACLE AT STRUCTURAL JOIST.
- UTILIZE EXISTING DATA CABLES OBTAINED FROM DEMOLISHING AND TERMINATE AT THE NEW RACEWAY DATA OUTLETS AS SHOWN. PROVIDE ALL ASSOCIATED JACKS, AND ALL COMPONENTS TO SUIT.
- PROVIDE NEW CAT 6 VOICE DROP FROM MAIN IT RACK LOCATED IN HUB ROOM TO STAFF WORK ROOM AND TERMINATE AT EACH WIREMOLD DATA OUTLET AS SHOWN. PROVIDE ASSOCIATED DATA JACK AND ALL OTHER COMPONENTS TO SUIT.
- CONTRACTOR SHALL REWORK EXISTING CONDUIT, WIRING AND ALL ASSOCIATED COMPONENTS TO SUIT RELOCATION. SITE VERIFY EXACT ROUTING AND INCLUDE ALL COST.



2 STAFF ROOM MODIFICATION PLAN  
E3.3 SCALE: 1:50



2.	ISSUED FOR TENDER & PERMIT	4/20/26
1.	ISSUED FOR COORDINATION	3/25/26
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

CERTIFICATE OF PRACTICE #4292  
AJAX HIGH SCHOOL  
105 Bayly St. E, Ajax, ON  
L1S 1P2



STAFF ROOM  
ELECTRICAL PLAN  
& PANEL  
SCHEDULE



RDZ ENGINEERS LTD  
17A - 30 Pennsylvania Avenue  
Vaughan, Ontario L4K 4A5  
email: info@rdzeng.ca

SCALE AS NOTED	PROJECT
DATE	25198
02/18/2026	
DRAWN	DRAWING
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CHECKED	E3.3
FH	
PRINT DATE	2026-02-26 9:25:51 AM
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