

FIRE HALL #3
CHANGE ROOM MODIFICATIONS

50 BEATRICE STREET EAST
OSHAWA, ONTARIO

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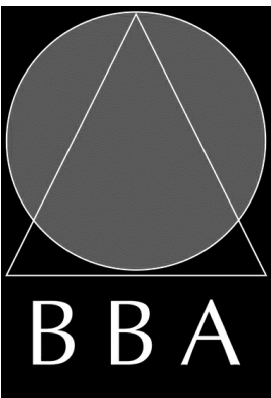
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CONSULTANTS

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NAME OF PROJECT : FIRE HALL #3 CHANGE ROOM MODIFICATIONS			
LOCATION OF PROJECT : 50 BEATRICE ST. E OSHAWA, ONTARIO			
DATE : DECEMBER 13, 2024			
Ontario Building Code Data Matrix Part 11 - Renovation of Existing Building			OBC Reference
11.00	Building Code Version: O_Reg_332/12 Last Amendment: O_Reg_191/14		
11.01	Project Type: <input type="checkbox"/> Addition <input type="checkbox"/> Change of use Description FIRE HALL #3 CHANGE ROOM MODIFICATIONS	<input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Addition and Renovation	[A] 1.1.2.
11.02	Major Occupancy Classification: Occupancy Group --, Div. -- Use F3 - FIRE STATION C - DORMITORY AREA		3.1.2.1.(1)
11.03	Superimposed Major Occupancies: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Description -		3.2.2.7
11.04	Building Area (m²) Description GROUND FLOOR Existing ± 983m² New - Total ± 983m² NO CHANGE Total= ±983m² - ± 983m²		[A] 1.4.1.2.
11.05	Building Height 1 Storeys above grade N/A Storeys below grade ±***m (m) Above grade		[A] 1.4.1.2 & 3.2.1.1
11.06	Number of street/ fire fighter access: 1 street(s)		3.2.2.10 & 3.2.5
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"/> Not Applicable (no change of major occupancy) Construction Index: 4 Hazard Index: 6 Importance Category: (ASSUMED) <input type="checkbox"/> Low <input type="checkbox"/> Normal <input checked="" type="checkbox"/> High <input type="checkbox"/> Post-disaster		11.2.1 T11.2.1.1A T11.2.1.1C to N.4.2.1(3) & 5.2.2.1(2)
11.09	Renovation Type: <input checked="" type="checkbox"/> Basic Renovation <input type="checkbox"/> Extensive Renovation		11.3.3.1 & 11.3.3.2
11.10	Occupant Load: Floor Level/ Area NO CHANGE	Occupancy Type Based On Occup. Load	3.1.17
11.11	Plumbing Fixture Requirements: Ratio: Male/Female = 50:50 Except as noted otherwise Floor level/ Area Occupant Load OBC Reference Fixtures Required Fixtures Provided NO CHANGE EXISTING OCCUPANT LOAD AND FIXTURE REQUIREMENTS DO NOT CHANGE		3.7.4
11.12	Barrier-free Design: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Explanation		11.3.3.2.(2)
11.13	Reduction in Performance Level: Structural 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		11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5
11.14	Compensating Construction: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Structural 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 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 11.4.2.7
11.15	Compliance Alternatives Proposed: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		11.5.1.
11.16	Notes: SCOPE OF WORK AT GROUND FLOOR ONLY : ± 260.00m2		11.5.1

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2	ISSUED FOR 90% REVIEW	OCT. 24, 2024	BBA
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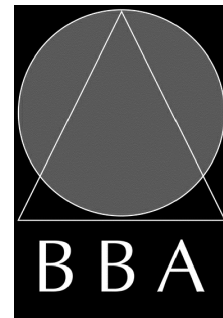
PROJECT:

**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

**DRAWING LIST, SITE
LOCATION PLAN &
OBC MATRIX**



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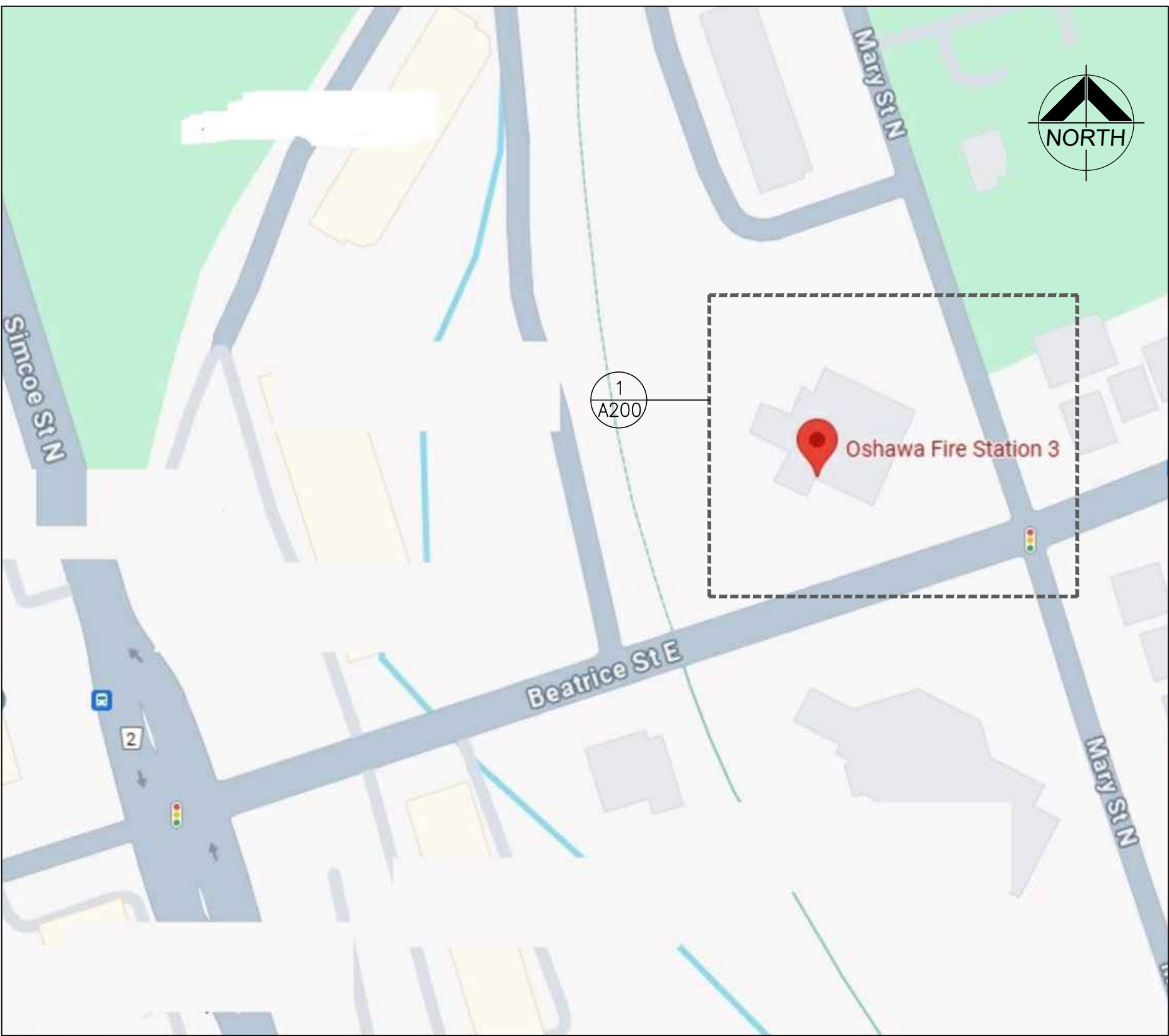
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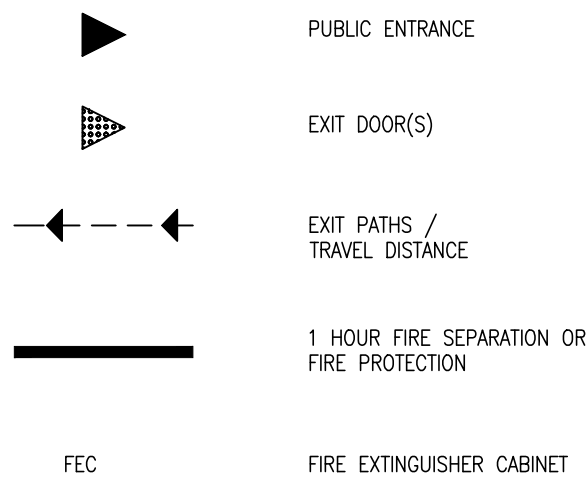
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LOCATION PLAN
NTS

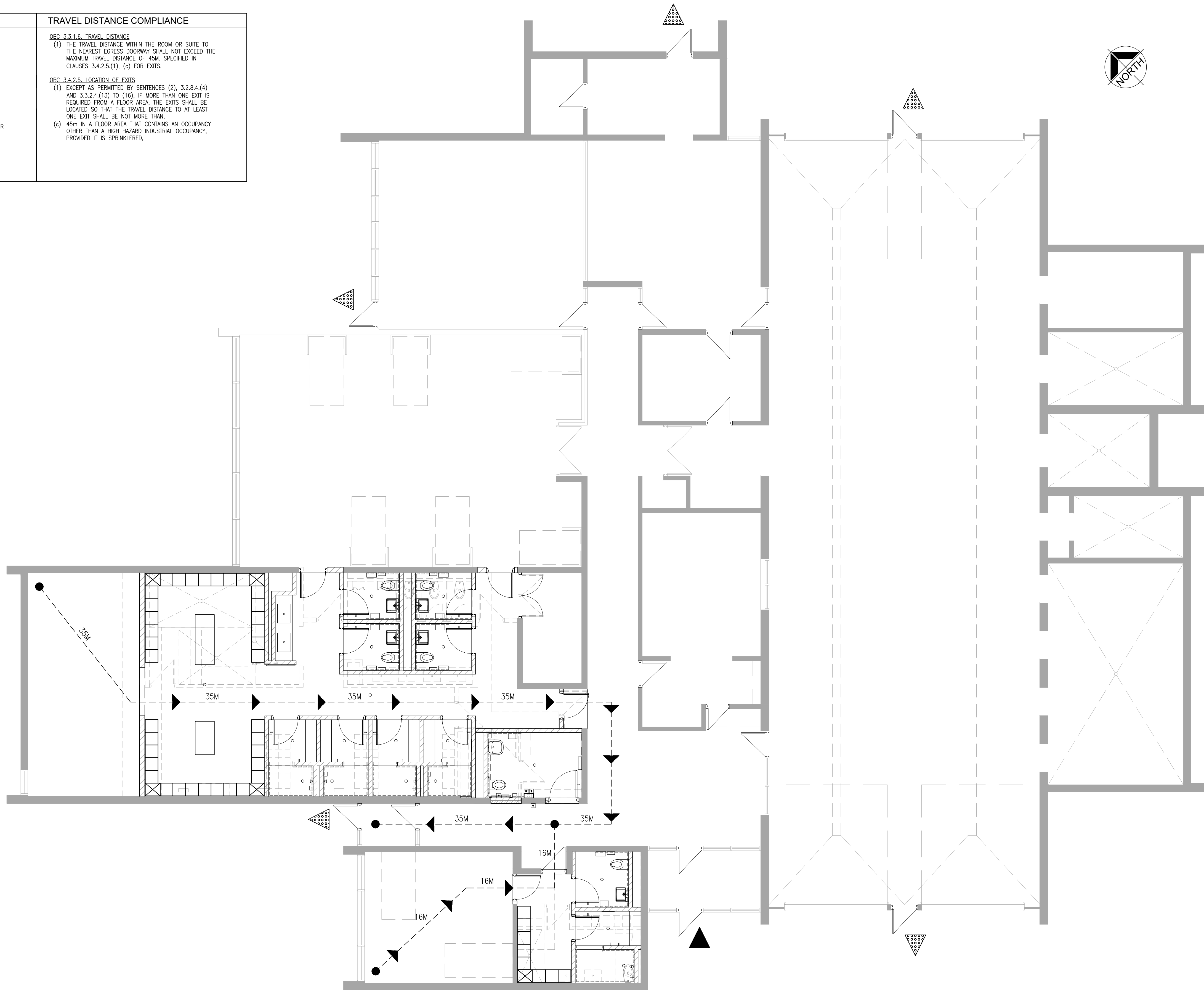
LIFE SAFETY LEGEND



TRAVEL DISTANCE COMPLIANCE

DBC 3.3.1.6. TRAVEL DISTANCE
(1) THE TRAVEL DISTANCE WITHIN THE ROOM OR SUITE TO THE NEAREST EGRESS DOORWAY SHALL NOT EXCEED THE MAXIMUM TRAVEL DISTANCE OF 45M, SPECIFIED IN CLAUSES 3.4.2.5.(1), (c) FOR EXITS.

DBC 3.4.2.5. LOCATION OF EXITS
(1) EXCEPT AS PERMITTED BY SENTENCES (2), 3.2.8.4.(4) AND 3.3.2.4.(13) TO (16), IF MORE THAN ONE EXIT IS REQUIRED FROM A FLOOR AREA, THE EXITS SHALL BE LOCATED SO THAT THE TRAVEL DISTANCE TO AT LEAST ONE EXIT SHALL BE NOT MORE THAN:
(c) 45m IN A FLOOR AREA THAT CONTAINS AN OCCUPANCY OTHER THAN A HIGH HAZARD INDUSTRIAL OCCUPANCY, PROVIDED IT IS SPRINKLERED,



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FIRST FLOOR LIFE SAFETY PLAN

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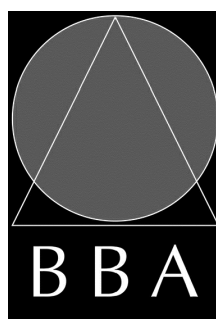
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**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

**LIFE SAFETY FLOOR
PLAN**



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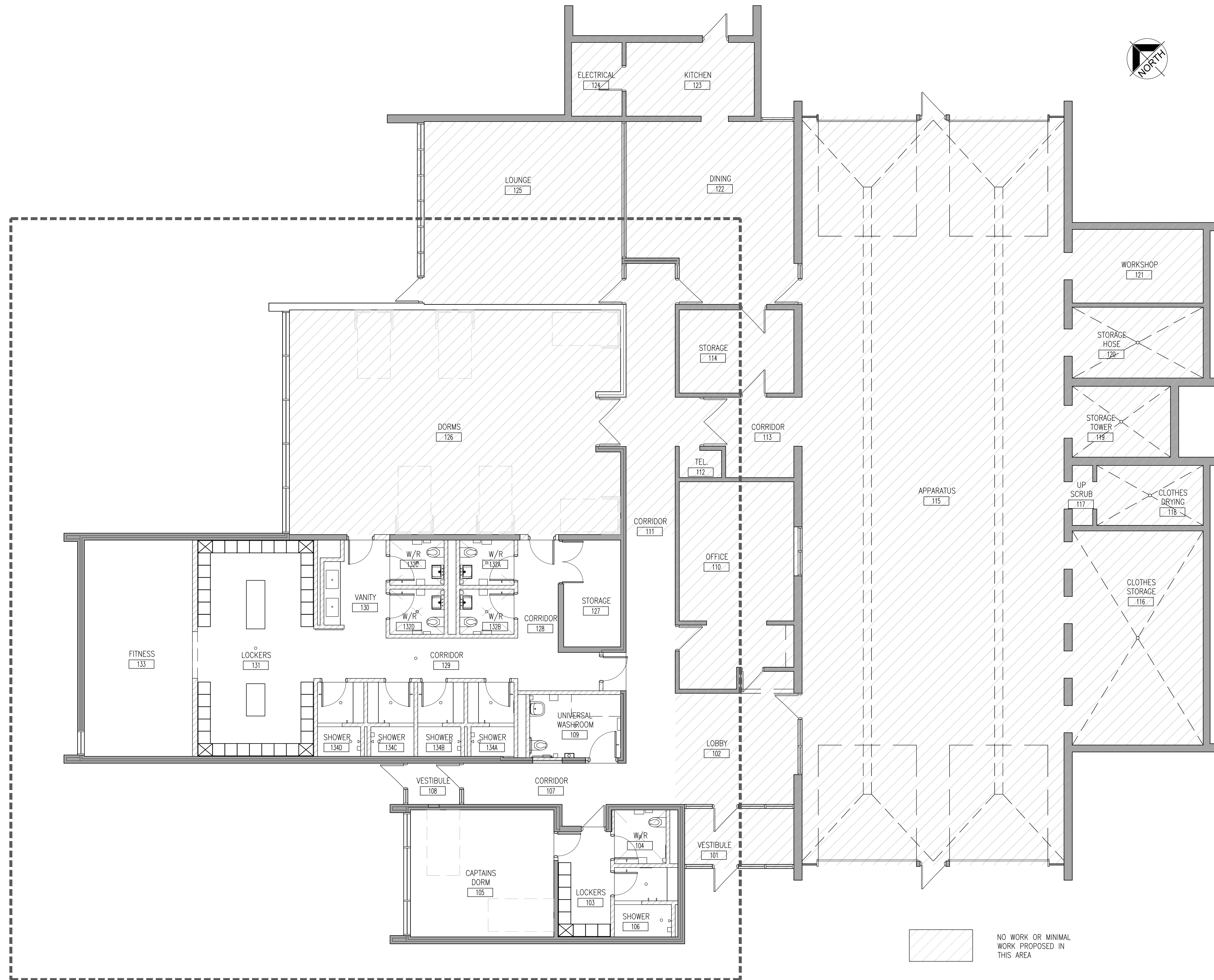
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NO WORK OR MINIMAL
WORK PROPOSED IN
THIS AREA

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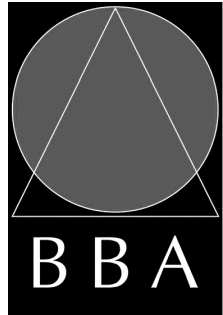
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PROJECT:
**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
**OVERALL GROUND FLOOR
KEY PLAN**



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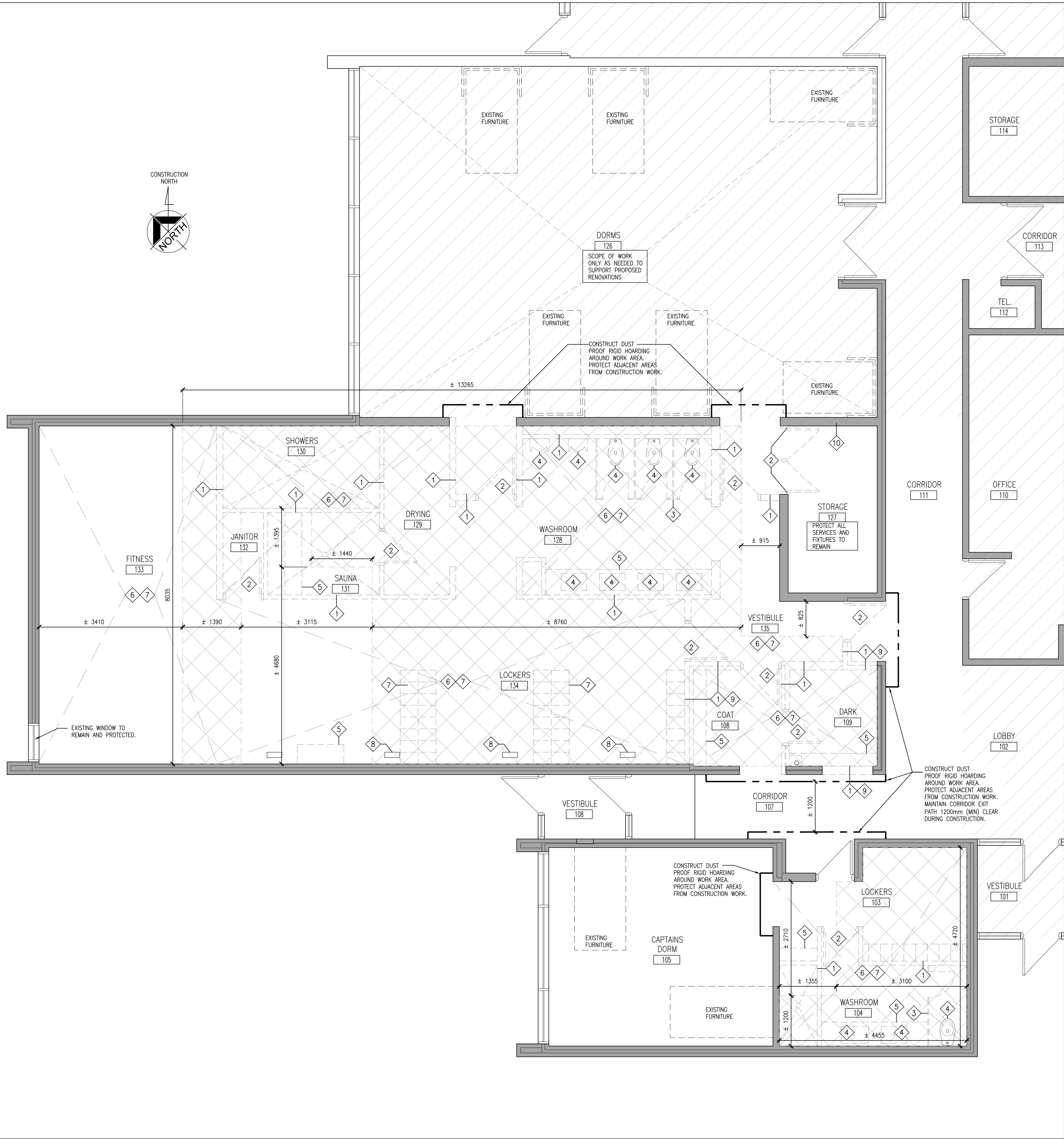
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PROJECT NO:
24103

DRAWING NO:
A201



TYPICAL DEMOLITION NOTES

1. SITE VERIFY ALL DIMENSIONS AND CONDITIONS.
2. ALL WORK TO BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.
3. COMPLY WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT REGULATIONS FOR CONSTRUCTION PROJECTS.
4. PROVIDE PROTECTION IN LOCATIONS APPROVED BY THE OWNER AND CONSULTANT SO AS NOT TO DAMAGE EXISTING STRUCTURE, LANDSCAPE OR PART THEREOF.
5. COMPLETE ALL DEMOLITION WORK NECESSARY TO COMPLETE THE RENOVATIONS AS SHOWN AND AS REQUIRED. DEMOLITION OF BUILDING ELEMENTS INCLUDES BUT NOT LIMITED TO COMPLETE REMOVAL OF ALL ASSOCIATED FIXTURES, FITTINGS, HARDWARE, FASTENERS, EQUIPMENT AND ACCESSORIES UNLESS NOTED OTHERWISE.
6. PROVIDE ALL SHORING AS REQUIRED. SHORING SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER. CONTRACTOR TO SUBMIT STAMPED SHORING DESIGN FOR REVIEW PRIOR TO INSTALLATION.
7. NOTIFY CONSULTANT OF LOAD BEARING MEMBERS OR ASSEMBLIES IDENTIFIED OR DISCOVERED DURING WORK AND NOT INDICATED ON DRAWINGS. DO NOT PROCEED WITH REMOVALS WITHOUT PRIOR REVIEW BY THE CONSULTANT.
8. PROVIDE TEMPORARY SUPPORT OF PIPES, DUCTS AND ELECTRICAL CHASES AS REQUIRED FOR SAFE REMOVAL. EXISTING AND PROPOSED SUPPORTS ARE TO BE REVIEWED BY THE CONSULTANT PRIOR TO THE REMOVAL OF ANY COMPONENTS WHICH MAY FALL OR CAUSE OTHERS TO FALL.
9. MAINTAIN ALL WORK AREAS AND ALL STORAGE AREAS CLEAN AND ORDERLY AT ALL TIMES INCLUDING EXISTING AREAS THAT REMAIN IN OPERATION DURING CONSTRUCTION. DUST CONTROL MEASURES ARE TO BE IN PLACE AT ALL TIMES AND NOISY WORK SHALL BE COORDINATED AROUND PROGRAM EVENTS.
10. REMOVAL OF EXISTING FLOOR FINISHES IS TO INCLUDE COMPLETE REMOVAL OF BASE AND ALL MORTAR AND ADHESIVES AND PREPARATION OF EXISTING SUBSTRATES TO RECEIVE NEW FLOORING, SATISFACTORY TO THE MANUFACTURER OF NEW FLOOR FINISHES. ALLOW FOR LEVELING OF SLABS.
11. DEMOLITION INCLUDES ALL ASSOCIATED MECHANICAL AND ELECTRICAL SERVICES, EQUIPMENT, FITTINGS, FIXTURES, HANGERS, BRACKETS, TRIM AND ACCESSORIES AS REQUIRED TO COMPLETE THE WORK.
12. MAINTAIN EXISTING FIRE HOSE CABINETS AND FIRE RATINGS.
13. REMOVAL OF DOORS AND FRAMES IS TO INCLUDE REMOVAL OF ALL HARDWARE.
14. REMOVAL ALL PROTRUSIONS IN FLOOR SLAB AND GRIND DOWN TO FLOOR LEVEL.
15. CLEAN, PATCH / REPAIR ALL EXISTING SURFACES TO REMAIN TO RECEIVE NEW FINISHES. ALLOW FOR REMOVAL OR SCARIFICATION OF EXISTING PAINT FINISH ON WALLS THAT ARE TO RECEIVE NEW WALL TILE FINISH. REMOVE ALL MORTAR, ADHESIVES AND PLASTER AS REQUIRED TO PREPARE EXISTING SUBSTRATES TO RECEIVE NEW PAINT FINISHES.
16. DISCONNECT AND CAP OFF ALL SERVICES PRIOR TO DEMOLITION.
17. DISPOSE OF MATERIALS OFF SITE.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STRUCTURE OR FINISHES SHOWN TO REMAIN AND REPAIR / REPLACE SAME TO THE SATISFACTION OF THE OWNER AND CONSULTANT.
19. BUILDING TO BE SECURED BY THE G.C. AT ALL TIMES.
20. REFER TO THE HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT.

DEMOLITION LEGEND

- EXISTING WALL, PARTITION OR COLUMN
- DENOTES DEMOLITION OF BUILDING ELEMENT
- DENOTES NOT IN CONTRACT
- EXISTING DOOR, FRAME AND TRIM TO REMAIN
- EXISTING DOOR, FRAME AND TRIM TO BE CAREFULLY REMOVED AND DISPOSED OF.
- EXISTING ACOUSTIC CEILING AND GRID TO REMAIN
- EX, ACT AND GRID TO BE REMOVED AND DISPOSED
- EXISTING LIGHTS TO BE REMOVED AND DISPOSED
- EXISTING LIGHTS TO BE REMAIN
- REMOVAL OF EXISTING CONCRETE FLOORING

DEMOLITION NOTES

- 1 REMOVE AND DISPOSE OF EXISTING MASONRY BLOCK WALL TO EXTENT SHOWN AND AS REQUIRED TO COMPLETE NEW WORK. PATCH, REPAIR, AND MAKE GOOD ALL SURFACES.
- 2 REMOVE AND DISPOSE OF EXISTING DOOR & FRAME. PATCH, REPAIR AND MAKE GOOD ALL AFFECTED SURFACES TO REMAIN.
- 3 REMOVE AND DISPOSE EXISTING TOILET PARTITIONS ENTIRELY INCLUDING ALL HARDWARE.
- 4 REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES, DISCONNECT AND CAP ALL SERVICES ACCORDING TO MECHANICAL. PREPARE AREAS TO RECEIVE NEW FIXTURES. REFER TO NEW PLANS AND MECHANICAL DRAWINGS.
- 5 REMOVE AND DISPOSE OF EXISTING MILLWORK TO EXTENT SHOWN AND AS REQUIRED TO COMPLETE NEW WORK.
- 6 REMOVE AND DISPOSE EXISTING FLOORING AND WALL BASE. PREPARE EXISTING SURFACES TO RECEIVE NEW FLOORING AND BASE AS SCHEDULED. SCAN EXISTING SLAB PRIOR TO DEMOLITION WORK. SAW CUT AND BREAK EXISTING FLOOR SLABS AS REQUIRED FOR NEW WALL FOOTINGS, SLAB THICKENING AND UNDERGROUND SERVICES. TYPICAL COORDINATE DEMO WITH MECHANICAL AND ELECTRICAL EXISTING SERVICES.
- 7 REMOVE AND DISPOSE ALL EXISTING WASHROOM ACCESSORIES INCLUDING LOCKERS, WALL HOOKS AND MIRRORS (RETURN TO OWNER) PATCH, REPAIR AND MAKE GOOD ALL AFFECTED SURFACES TO REMAIN.
- 8 EXISTING FLOOR GRILLE TO BE REMOVED AND TO BE COVERED AND FILLED FOR NEW RENOVATION.
- 9 SALVAGE BRICK FOR REUSE ALL WALL INFILLS.

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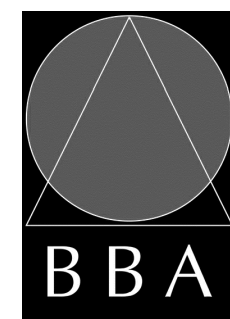
PROJECT:

FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

PART GROUND FLOOR DEMOLITION PLAN



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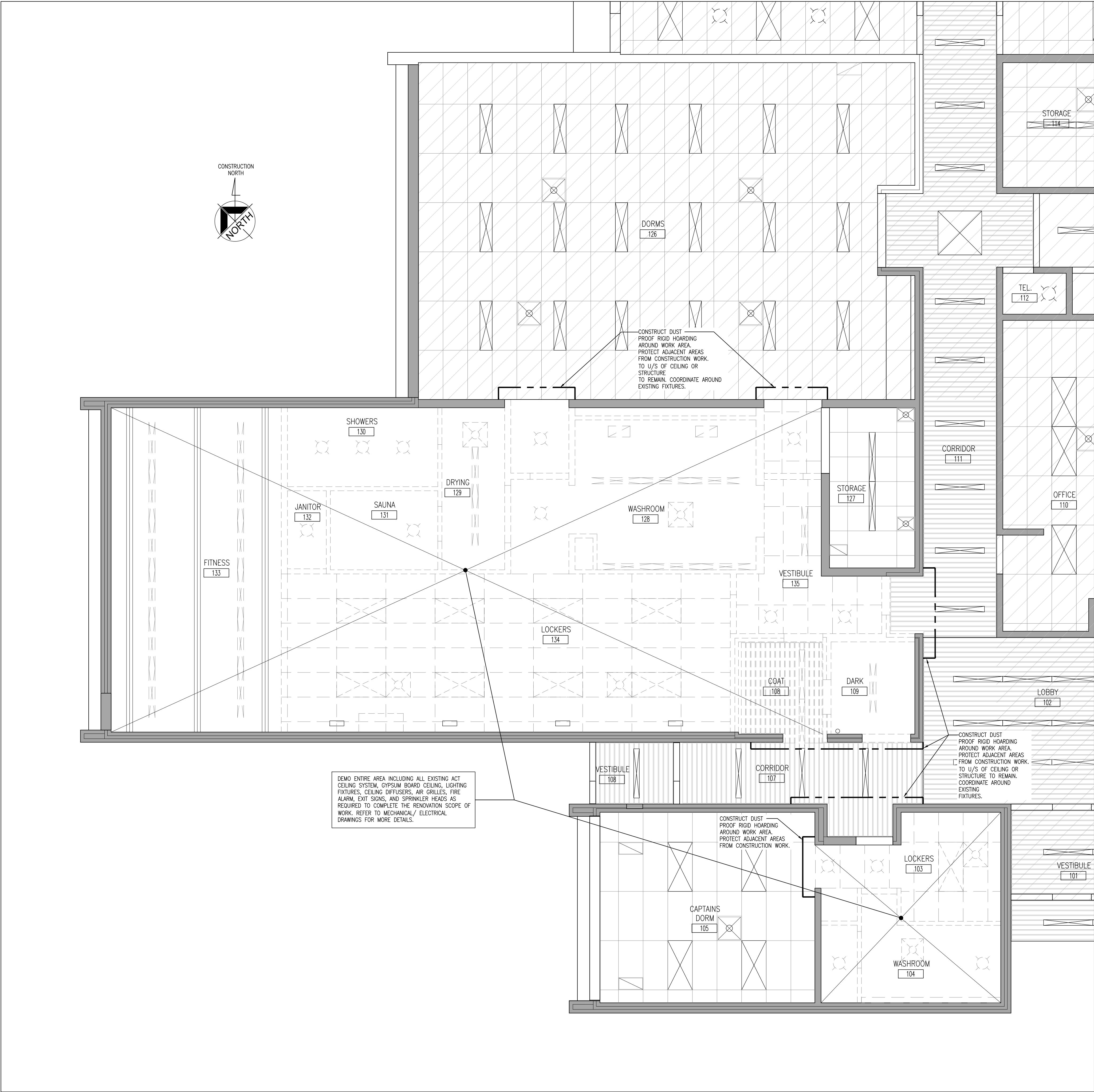
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PART GROUND FLOOR DEMOLITION PLAN

1:50



TYPICAL DEMOLITION NOTES		DEMOLITION LEGEND	
1.	SITE VERIFY ALL DIMENSIONS AND CONDITIONS.		EXISTING WALL, PARTITION OR COLUMN CODE
2.	ALL WORK TO BE IN ACCORDANCE WITH THE ONTARIO BUILDING REGULATIONS FOR CONSTRUCTION PROJECTS.		DENOTES DEMOLITION OF BUILDING ELEMENT
3.	COMPLY WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT REGULATIONS FOR CONSTRUCTION PROJECTS.		DENOTES NOT IN CONTRACT
4.	PROVIDE PROTECTION IN LOCATIONS APPROVED BY THE OWNER AND CONSULTANT SO AS NOT TO DAMAGE EXISTING STRUCTURE, LANDSCAPE OR PART THEREOF.		EXISTING DOOR, FRAME AND TRIM TO REMAIN
5.	COMPLETE ALL DEMOLITION WORK NECESSARY TO COMPLETE THE RENOVATIONS AS SHOWN AND AS REQUIRED. DEMOLITION OF BUILDING ELEMENTS INCLUDES BUT NOT LIMITED TO COMPLETE REMOVAL OF ALL ASSOCIATED FIXTURES, FITTINGS, HARDWARE, FASTENERS, EQUIPMENT AND ACCESSORIES UNLESS NOTED OTHERWISE.		EXISTING DOOR, FRAME AND TRIM TO BE CAREFULLY REMOVED AND DISPOSED OF.
6.	PROVIDE ALL SHORING AS REQUIRED. SHORING SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER. CONTRACTOR TO SUBMIT STAMPED SHORING DESIGN FOR REVIEW PRIOR TO INSTALLATION.		EXISTING ACOUSTIC CEILING AND GRID TO REMAIN
7.	NOTIFY CONSULTANT OF LOAD BEARING MEMBERS OR ASSEMBLIES IDENTIFIED OR DISCOVERED DURING WORK AND NOT INDICATED ON DRAWINGS. DO NOT PROCEED WITH REMOVALS WITHOUT PRIOR REVIEW BY THE CONSULTANT.		EX, ACT AND GRID TO BE REMOVED AND DISPOSED
8.	PROVIDE TEMPORARY SUPPORT OF PIPES, DUCTS AND ELECTRICAL CHASES AS REQUIRED FOR SAFE REMOVAL. EXISTING AND PROPOSED SUPPORTS ARE TO BE REVIEWED BY THE CONSULTANT PRIOR TO THE REMOVAL OF ANY COMPONENTS WHICH MAY FALL OR CAUSE OTHERS TO FALL.		EXISTING LIGHTS TO BE REMOVED AND DISPOSED
9.	MAINTAIN ALL WORK AREAS AND ALL STORAGE AREAS CLEAN AND ORDERLY AT ALL TIMES INCLUDING EXISTING AREAS THAT REMAIN IN OPERATION DURING CONSTRUCTION. DUST CONTROL MEASURES ARE TO BE IN PLACE AT ALL TIMES AND NOISY WORK SHALL BE COORDINATED AROUND PROGRAM EVENTS.		EXISTING LIGHTS TO BE REMAIN
10.	REMOVAL OF EXISTING FLOOR FINISHES IS TO INCLUDE COMPLETE REMOVAL OF BASE AND ALL MORTAR AND ADHESIVES AND PREPARATION OF EXISTING SUBSTRATES TO RECEIVE NEW FLOORING, SATISFACTORY TO THE MANUFACTURER OF NEW FLOOR FINISHES. ALLOW FOR LEVELING OF SLABS.		REMOVAL OF EXISTING CONCRETE FLOORING
11.	DEMOLITION INCLUDES ALL ASSOCIATED MECHANICAL AND ELECTRICAL SERVICES, EQUIPMENT, FITTINGS, FIXTURES, HANGERS, BRACKETS, TRIM AND ACCESSORIES AS REQUIRED TO COMPLETE THE WORK.		
12.	MAINTAIN EXISTING FIRE HOSE CABINETS AND FIRE RATINGS.		
13.	REMOVAL OF DOORS AND FRAMES IS TO INCLUDE REMOVAL OF ALL HARDWARE.		
14.	REMOVAL ALL PROTRUSIONS IN FLOOR SLAB AND GRIND DOWN TO FLOOR LEVEL.		
15.	CLEAN, PATCH / REPAIR ALL EXISTING SURFACES TO REMAIN TO RECEIVE NEW FINISHES. ALLOW FOR REMOVAL OR SCARIFICATION OF EXISTING PAINT FINISH ON WALLS THAT ARE TO RECEIVE NEW WALL TILE FINISH. REMOVE ALL MORTAR, ADHESIVES AND PLAST AS REQUIRED TO PREPARE EXISTING SUBSTRATES TO RECEIVE NEW PAINT FINISHES.		
16.	DISCONNECT AND CAP OFF ALL SERVICES PRIOR TO DEMOLITION.		
17.	DISPOSE OF MATERIALS OFF SITE.		
18.	CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STRUCTURE OR FINISHES SHOWN TO REMAIN AND REPAIR / REPLACE SAME TO THE SATISFACTION OF THE OWNER AND CONSULTANT.		
19.	BUILDING TO BE SECURED BY THE G.C. AT ALL TIMES.		
20.	REFER TO THE HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT.		

DEMOLITION NOTES

- 1 REMOVE AND DISPOSE OF EXISTING MASONRY BLOCK WALL TO EXTENT SHOWN AND AS REQUIRED TO COMPLETE NEW WORK. PATCH, REPAIR, AND MAKE GOOD ALL SURFACES.
- 2 REMOVE AND DISPOSE OF EXISTING DOOR & FRAME. PATCH, REPAIR AND MAKE GOOD ALL AFFECTED SURFACES TO REMAIN.
- 3 REMOVE AND DISPOSE EXISTING TOILET PARTITIONS ENTIRELY INCLUDING ALL HARDWARE.
- 4 REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES, DISCONNECT AND CAP ALL SERVICES ACCORDING TO MECHANICAL. PREPARE AREAS TO RECEIVE NEW FIXTURES. REFER TO NEW PLANS AND MECHANICAL DRAWINGS.
- 5 REMOVE AND DISPOSE OF EXISTING MILLWORK TO EXTENT SHOWN AND AS REQUIRED TO COMPLETE NEW WORK.
- 6 REMOVE AND DISPOSE EXISTING FLOORING AND WALL BASE. PREPARE EXISTING SURFACES TO RECEIVE NEW FLOORING AND BASE AS SCHEDULED. SCAN EXISTING SLAB PRIOR TO DEMOLITION WORK. SAW CUT AND BREAK EXISTING FLOOR SLABS AS REQUIRED FOR NEW WALL FOOTINGS, SLAB THICKENING AND UNDERGROUND SERVICES. TYPICAL COORDINATE DEMO WITH MECHANICAL AND ELECTRICAL EXISTING SERVICES.
- 7 REMOVE AND DISPOSE ALL EXISTING WASHROOM ACCESSORIES INCLUDING LOCKERS, WALL HOOKS AND MIRRORS (RETURN TO OWNER) PATCH, REPAIR AND MAKE GOOD ALL AFFECTED SURFACES TO REMAIN.
- 8 EXISTING FLOOR GRILLE TO BE REMOVED AND TO BE COVERED AND FILLED FOR NEW RENOVATION.
- 9 SALVAGE BRICK FOR REUSE ALL WALL INFILLS.

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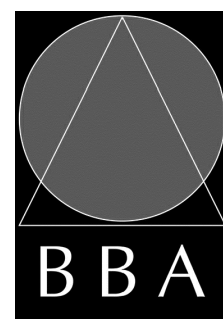
PROJECT:

FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

PART DEMOLITION REFLECTED CEILING PLAN



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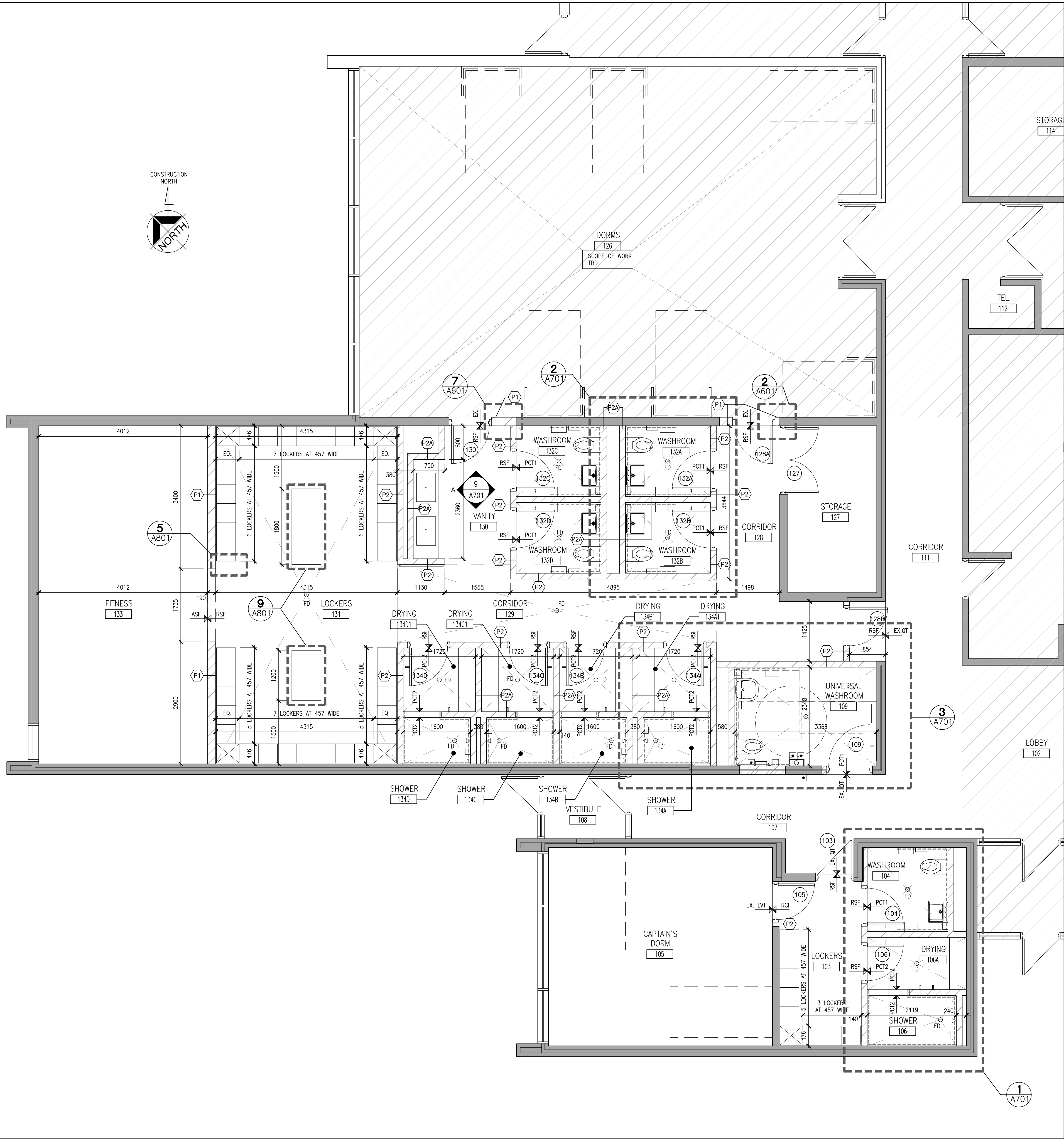
DATE:
JULY 2024
SCALE:
AS NOTED
FILE:
24103 A203

PROJECT NO:

24103

DRAWING NO:

A203



FLOOR PLAN NOTATION LEGEND

CORRIDOR	ROOM NAME & NUMBER	■ PB	BARRIER FREE DOOR OPERATOR PUSH BUTTON
WXX	EXTERIOR WALL TYPE	■ PL	PUSH TO LOCK PUSH BUTTON
PXX	INTERIOR PARTITION OR FURRING TYPE	■ EM	EMERGENCY ASSISTANCE CALL BUTTON
(101)	DOOR NUMBER	♿	DOOR WITH DOOR OPERATOR
1 A901	INTERIOR ELEVATION REFERENCE NUMBER	----	CERAMIC WALL TILE (REFER TO INTERIOR ELEVATIONS FOR LOCATION HEIGHT / LENGTH)
1 A200	WALL SECTION REFERENCE	F.R.R.	FIRE RESISTANCE RATING
1 A200	BUILDING SECTION/ EXTERIOR ELEVATION REFERENCE	○ FE	FIRE EXTINGUISHER
		■ FEC	FIRE EXTINGUISHER CABINET
		—+—	FLOOR FINISH

PARTITION AND FURRING TYPES

	P1	190mm CONCRETE BLOCK TO U/S OF DECK		P1A	190mm CONCRETE BLOCK (TERMINATE MIN. 150mm ABOVE CEILING)
	P2	140mm CONCRETE BLOCK TO U/S OF DECK		P2A	140mm CONCRETE BLOCK (TERMINATE MIN. 150mm ABOVE CEILING)
	P3	90mm RECLAIMED BRICK VERTICAL MORTAR JOINT 90mm CONCRETE BLOCK (* WIDTH TO MATCH EXISTING)			
	F1	13mm GYPSUM BOARD ON 92mm METAL STUD FURRING			

PARTITION AND FURRING NOTES

- A "T" DESIGNATION (ie. "P6T") INDICATES LOW PARTITION (+1500mm HIGH).
- UNLESS OTHERWISE NOTED, ALL PARTITIONS TERMINATE AT UNDERSIDE OF METAL ROOF DECK ABOVE.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD IN ALL WET AREAS. (INCLUDES SHOWERS, VANITIES, ETC.)
- ALL GYPSUM BOARD BULKHEADS / PARTITIONS ABOVE WALL OPENINGS OR SCREENS TO BE BRACED AS REQUIRED.
- PROVIDE BLOCKING / REINFORCEMENT FOR THE INSTALLATION / ATTACHMENT OF ALL MILLWORK, CABINETRY, CHANGE TABLES, WASHROOM ACCESSORIES AND/OR FIXTURES & EQUIPMENT INCLUDING FUTURE OR N.I.C. ITEMS AS REQUIRED.

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PROJECT:
**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
GROUND FLOOR PLAN

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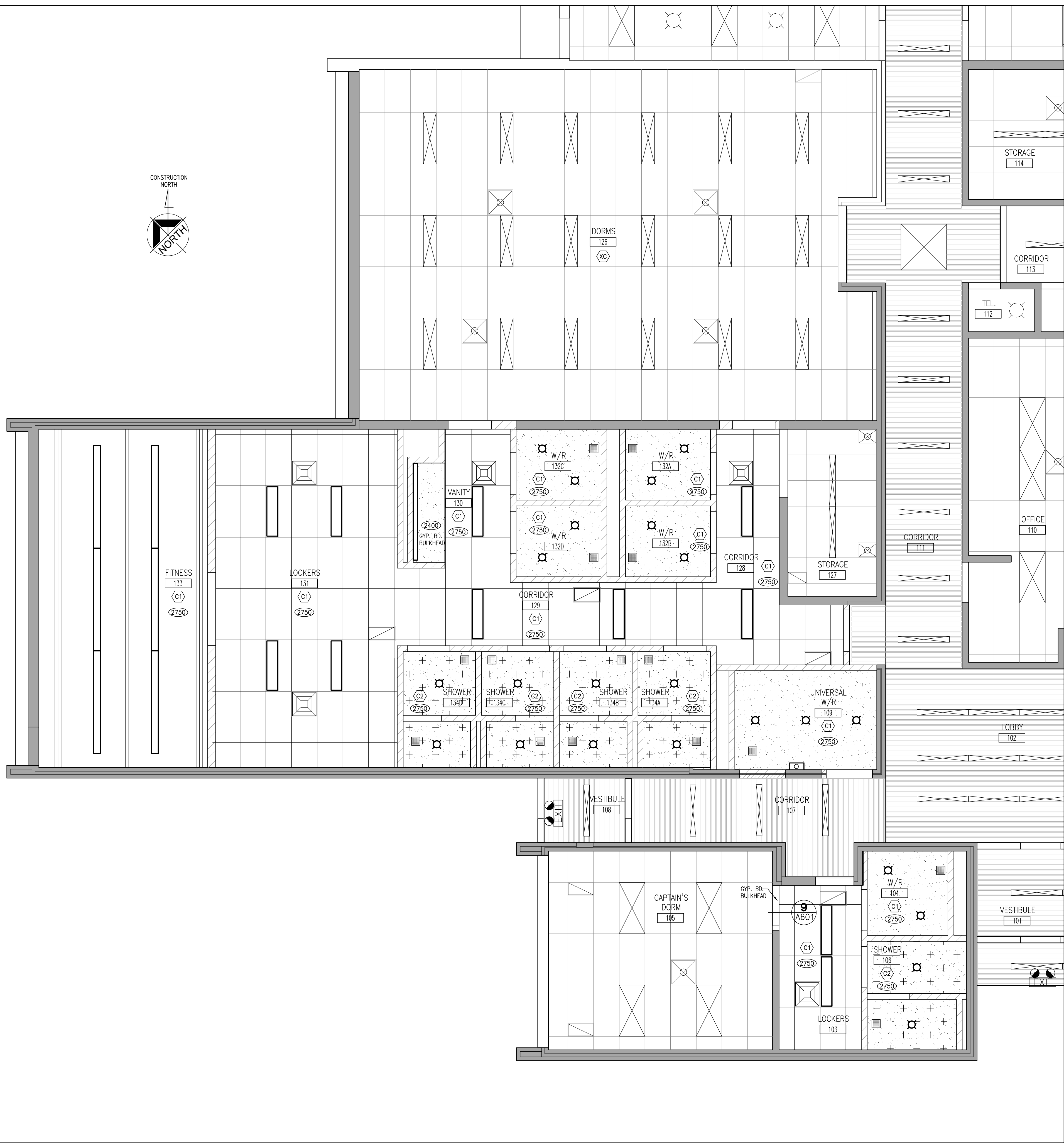
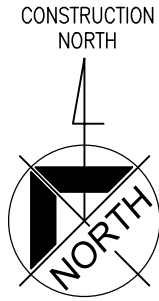
ONTARIO ASSOCIATION
OF
ARCHITECTS
Crystal Mohammed
LICENCE
7871

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DRAWN BY: EL/JA/CM	% COMPLETE:
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DATE: JULY 2024
SCALE: AS NOTED
FILE: 24103 A204

PROJECT NO:
24103

DRAWING NO:
A204



CEILING NOTATION LEGEND		CEILING LIGHT LEGEND	
	CEILING TYPE (REFER TO CEILING TYPE SCHEDULE AND ROOM FINISH SCHEDULE)	COORDINATE WITH ELECTRICAL DRAWINGS	
	CEILING LEVEL ABOVE FINISHED FLOOR (SEE ALSO ROOM FINISH SCHEDULE)		RECESSED LIGHT FIXTURE
	EXISTING CEILING		LINEAR LED LIGHT SURFACE MOUNTED
	EXISTING SUPPLY AIR DIFFUSER		RECESSED POTLIGHT
	EXISTING RETURN AIR GRILLE		EXISTING RECESSED FIXTURE
	SPRINKLER (REFER TO MECHANICAL DRAWINGS)		EXISTING RECESSED POTLIGHT
	EXISTING SUPPLY AIR DIFFUSER (REFER TO MECHANICAL DRAWINGS)		
	RETURN AIR GRILLE (REFER TO MECHANICAL DRAWINGS)		
	EXIT SIGN		

CEILING TYPE SCHEDULE	
	C1 GYPSUM BOARD CEILING ON METAL STUD FRAMING (PAINTED)
	C2 GYPSUM BOARD PLUS 12mm MOLD RESISTANT GYPSUM BOARD ON METAL STUD FRAMING (INCLUDES BULKHEAD)
	C3 610x1220 ACOUSTIC CEILING PANELS IN SUSPENDED T-BAR GRID

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PROJECT:
FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
REFLECTED CEILING PLAN



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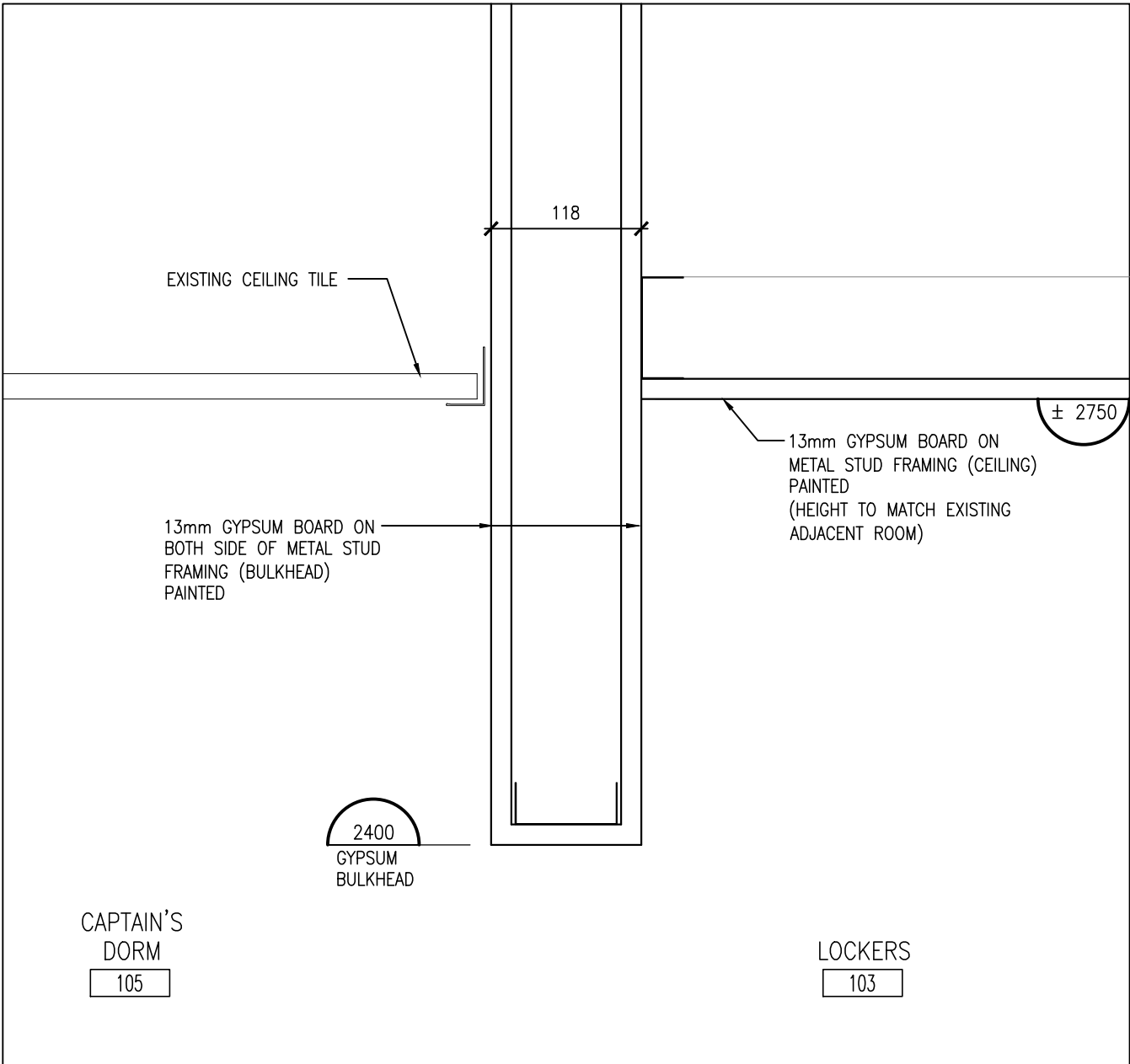
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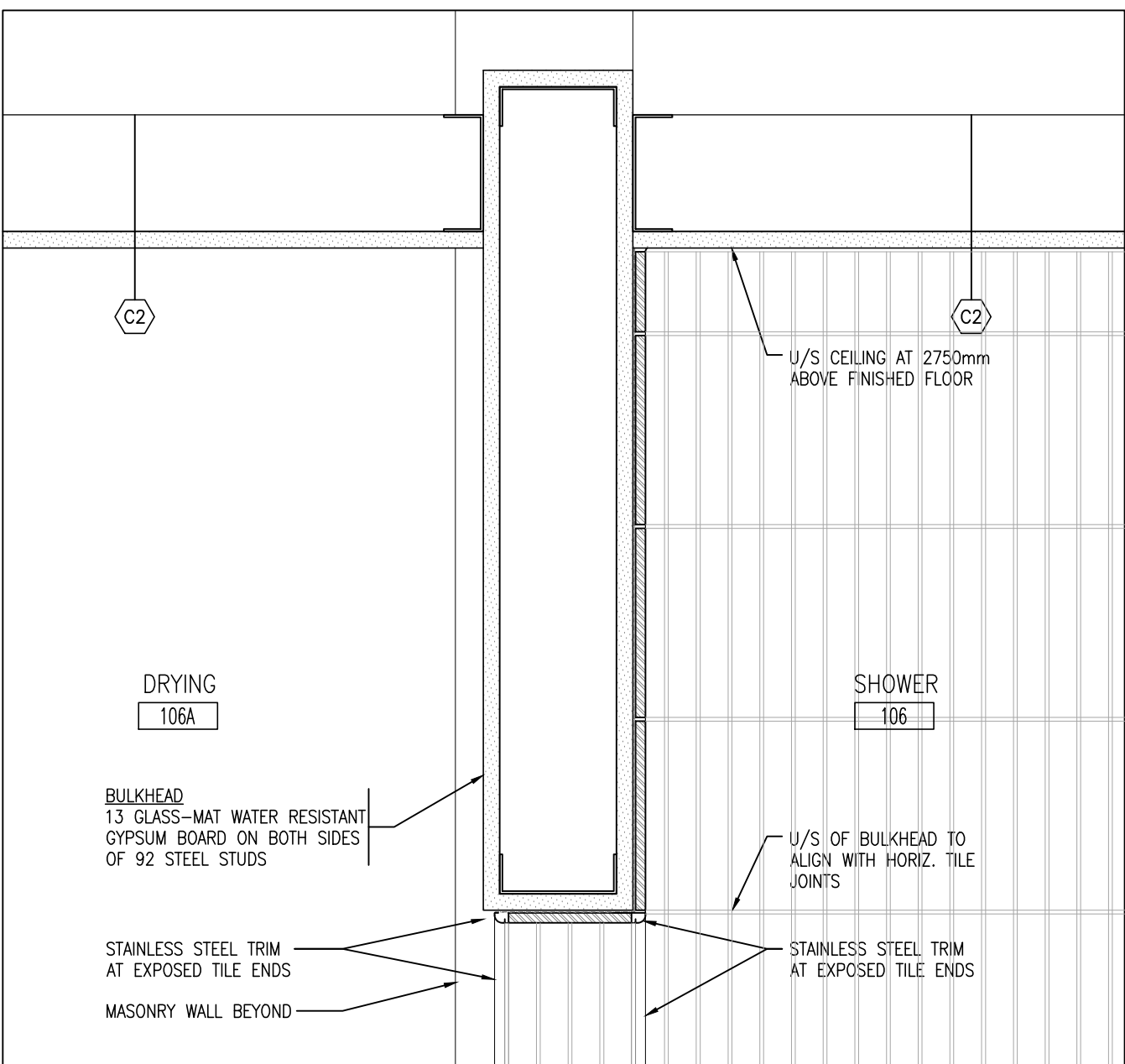
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SCALE:
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FILE:
24103 A201

PROJECT NO:
24103

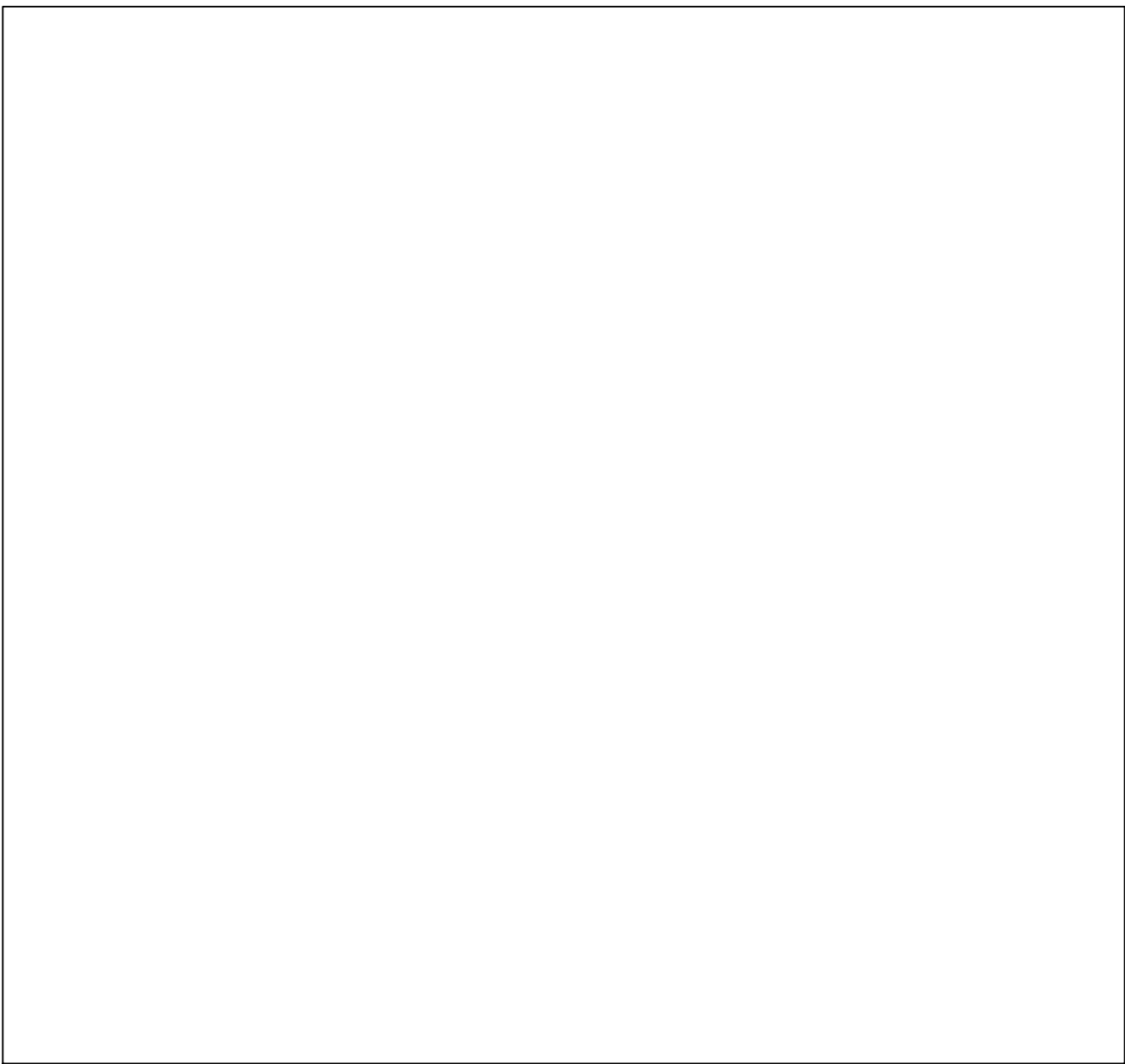
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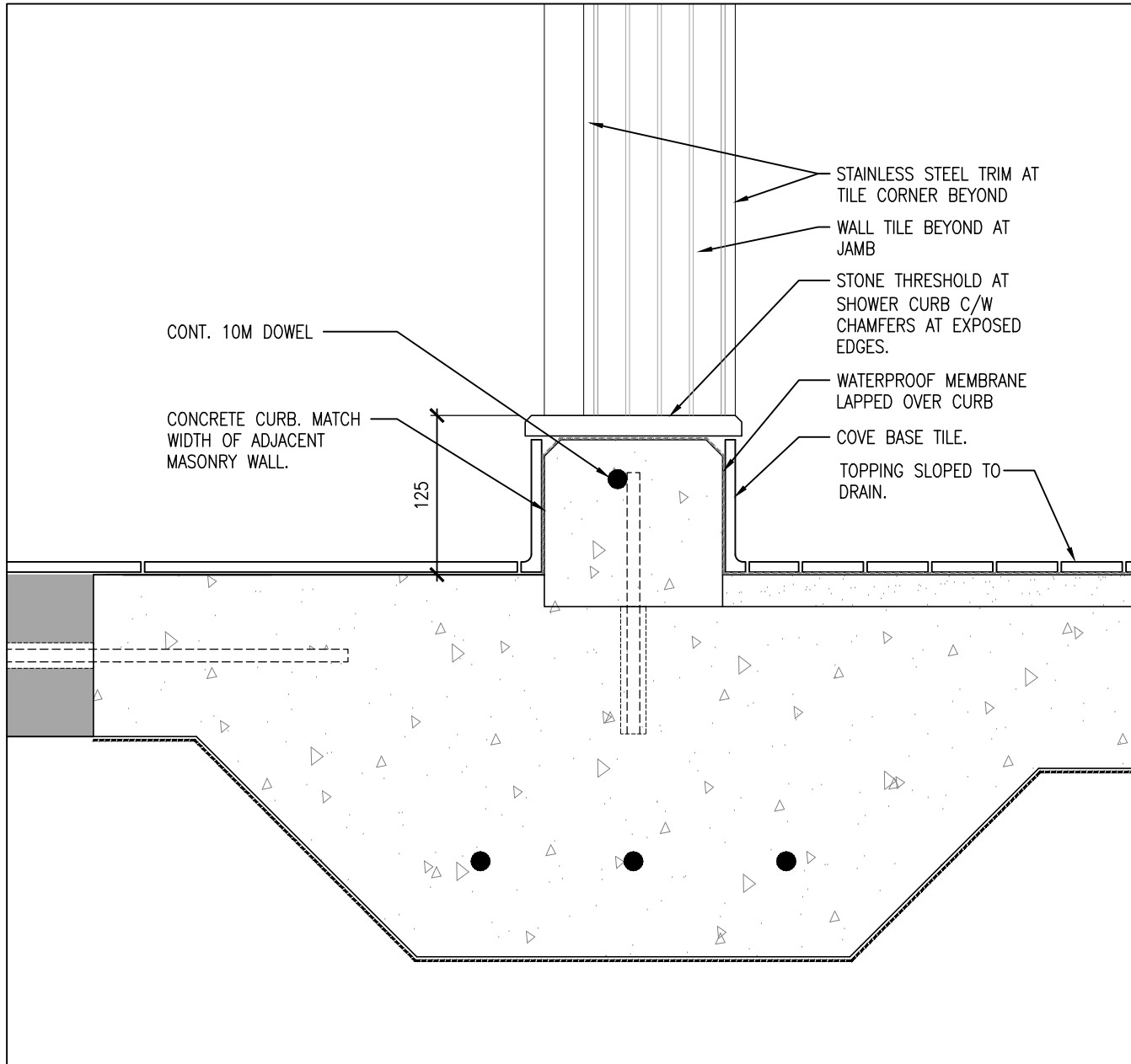
11 SECTION DETAIL (BULKHEAD)
A601 1:5



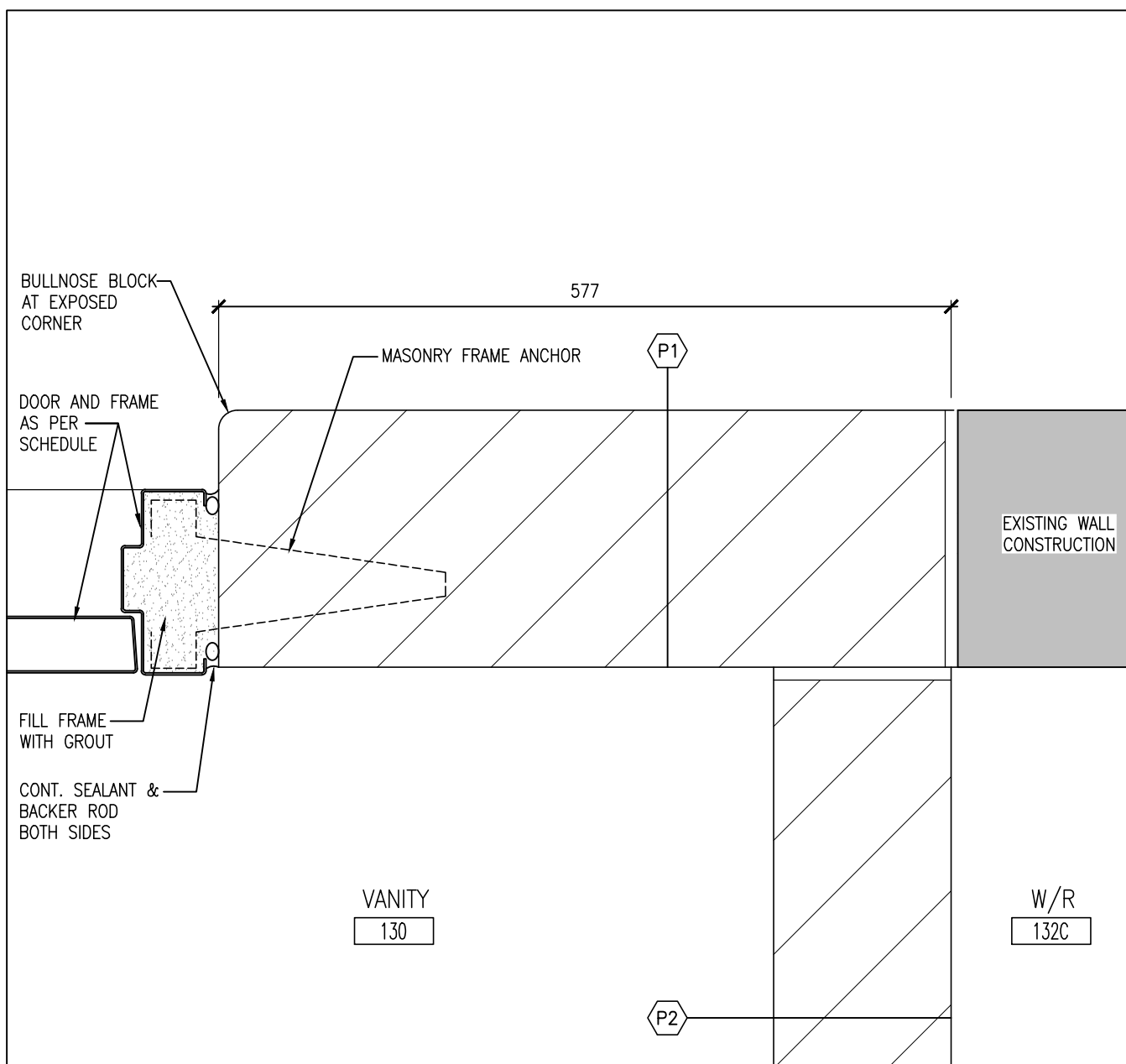
10 SHOWER BULKHEAD
A601 1:5



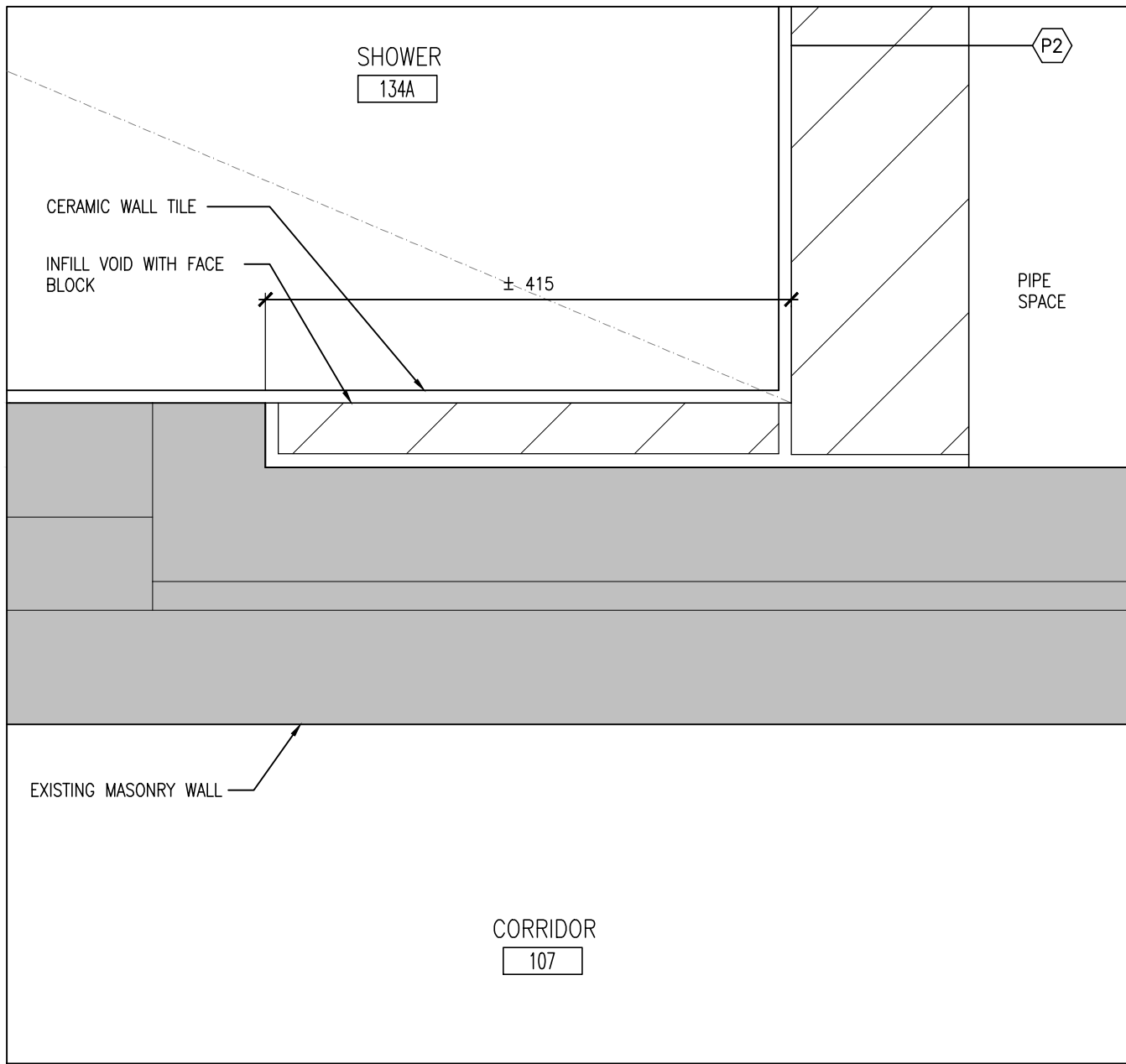
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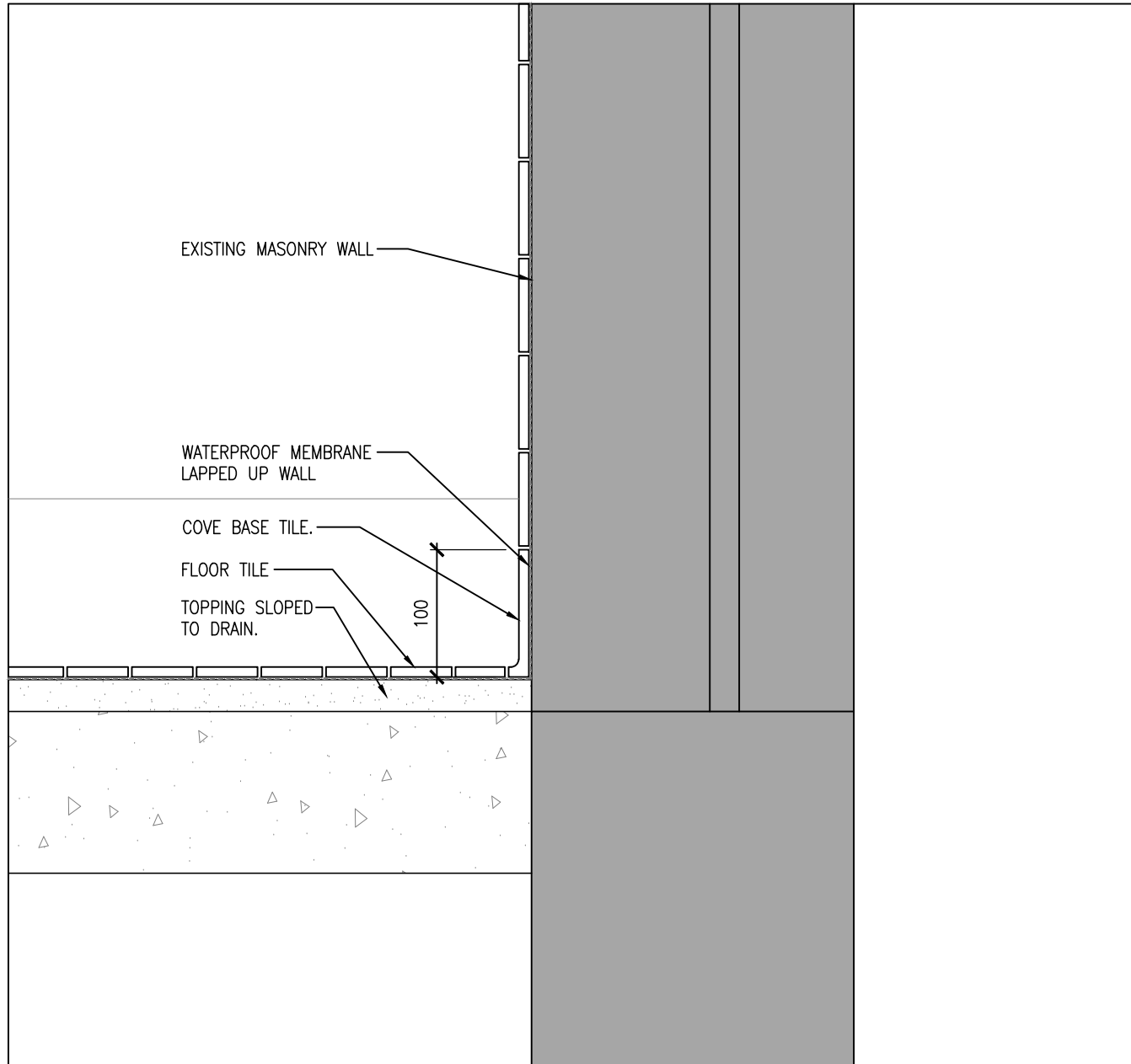
8 SHOWER CURB
A601 1:5



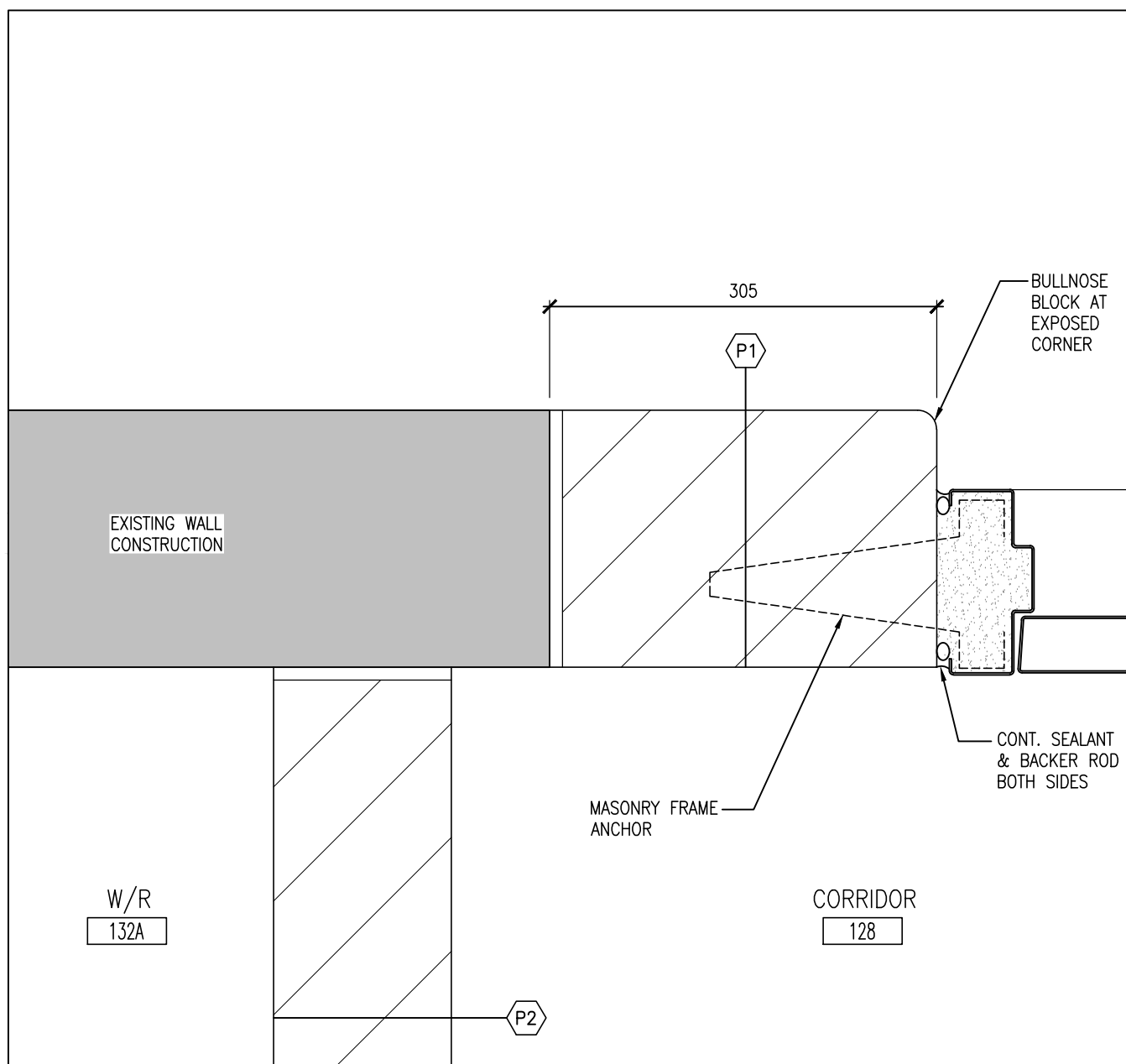
7 PLAN DETAIL
A601 1:5



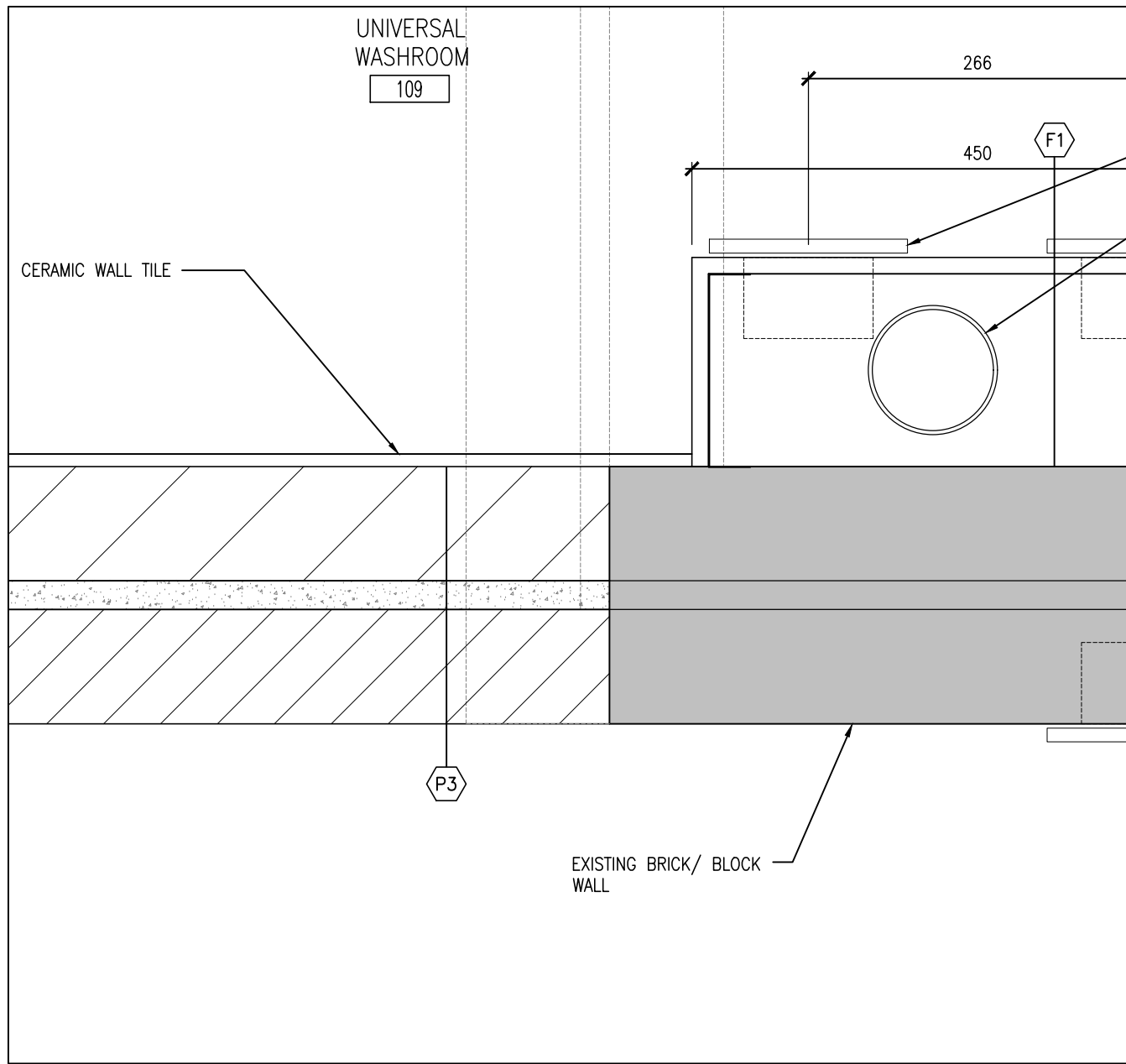
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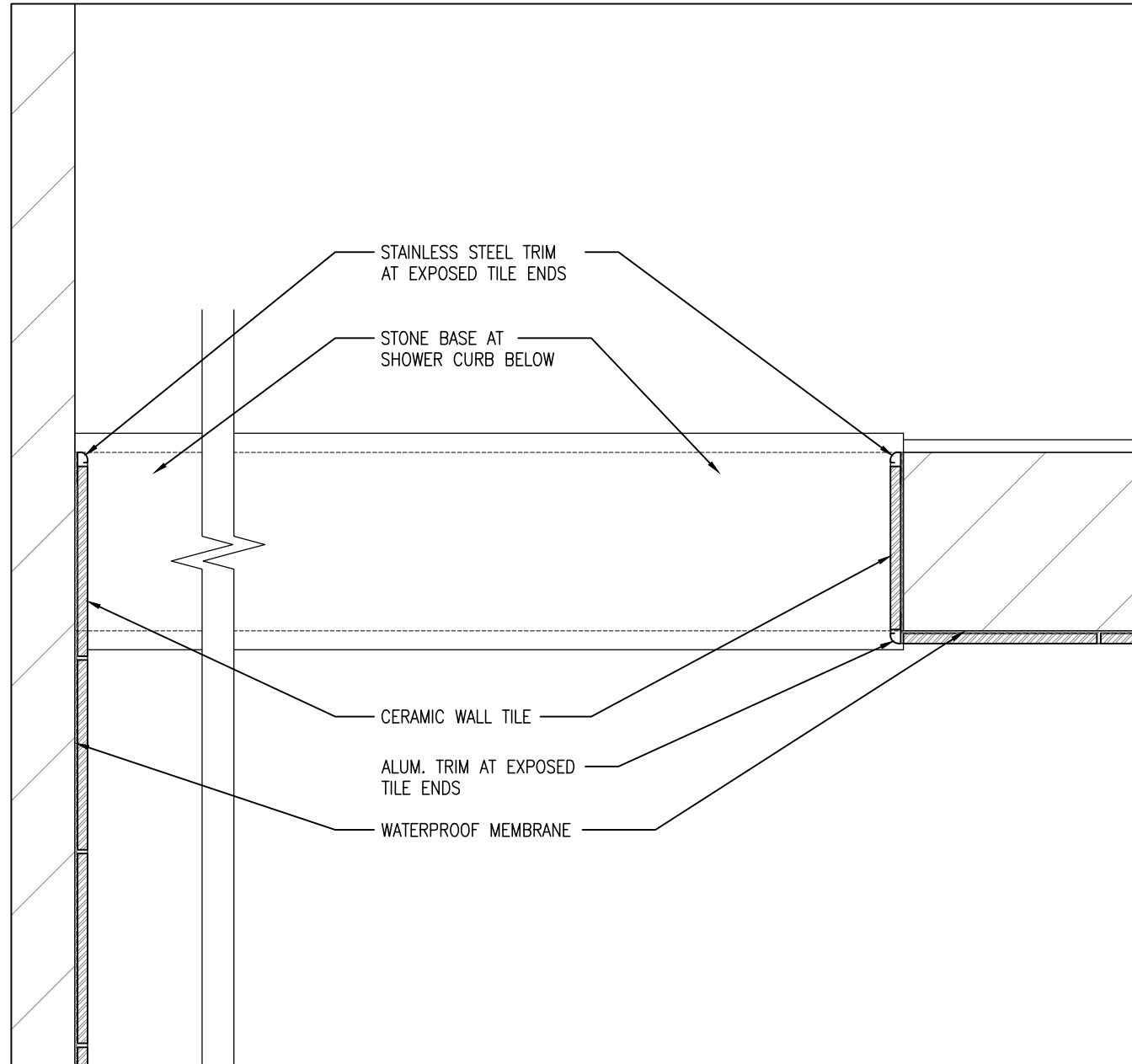
5 SHOWER SECTION
A601 1:5



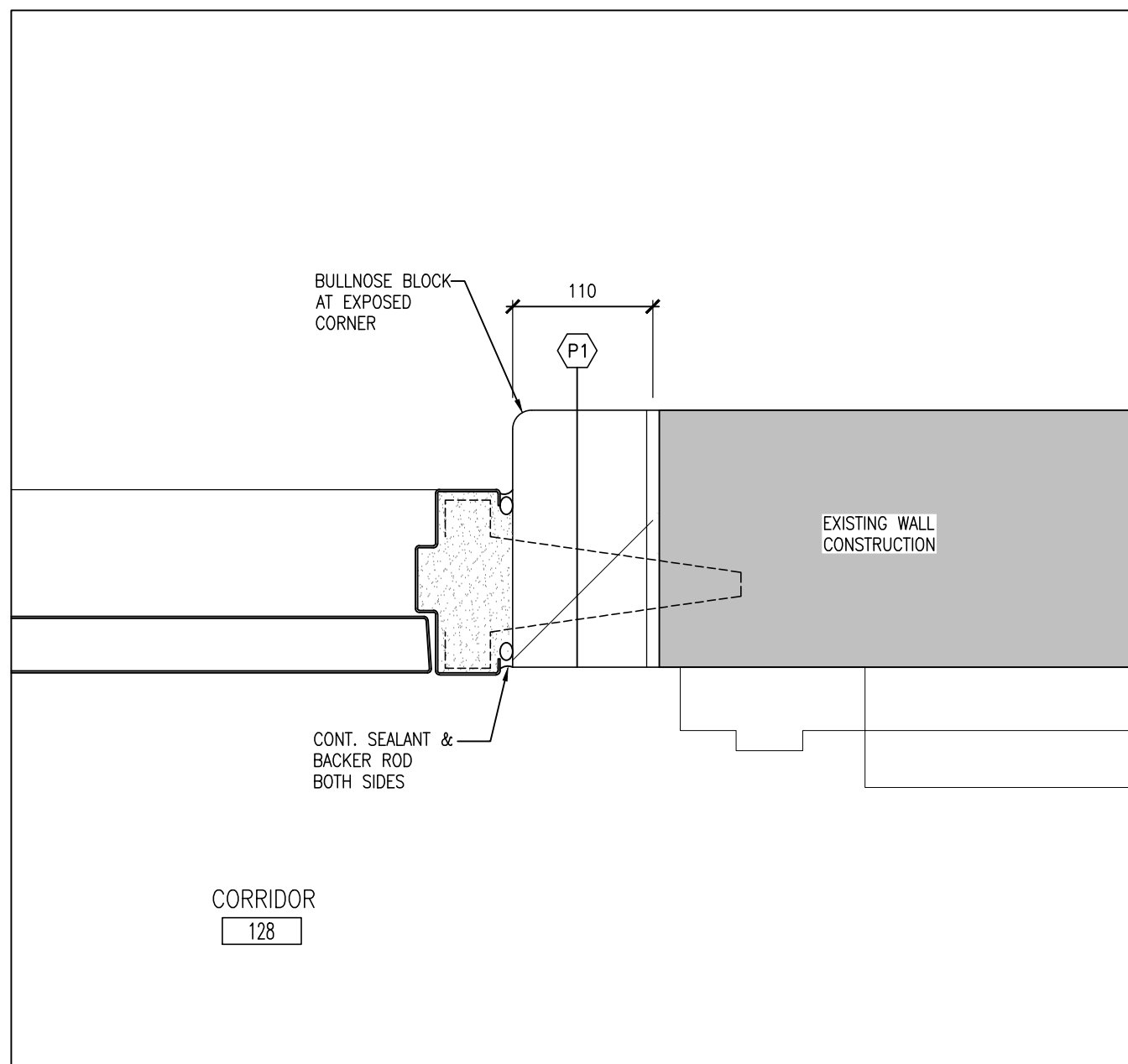
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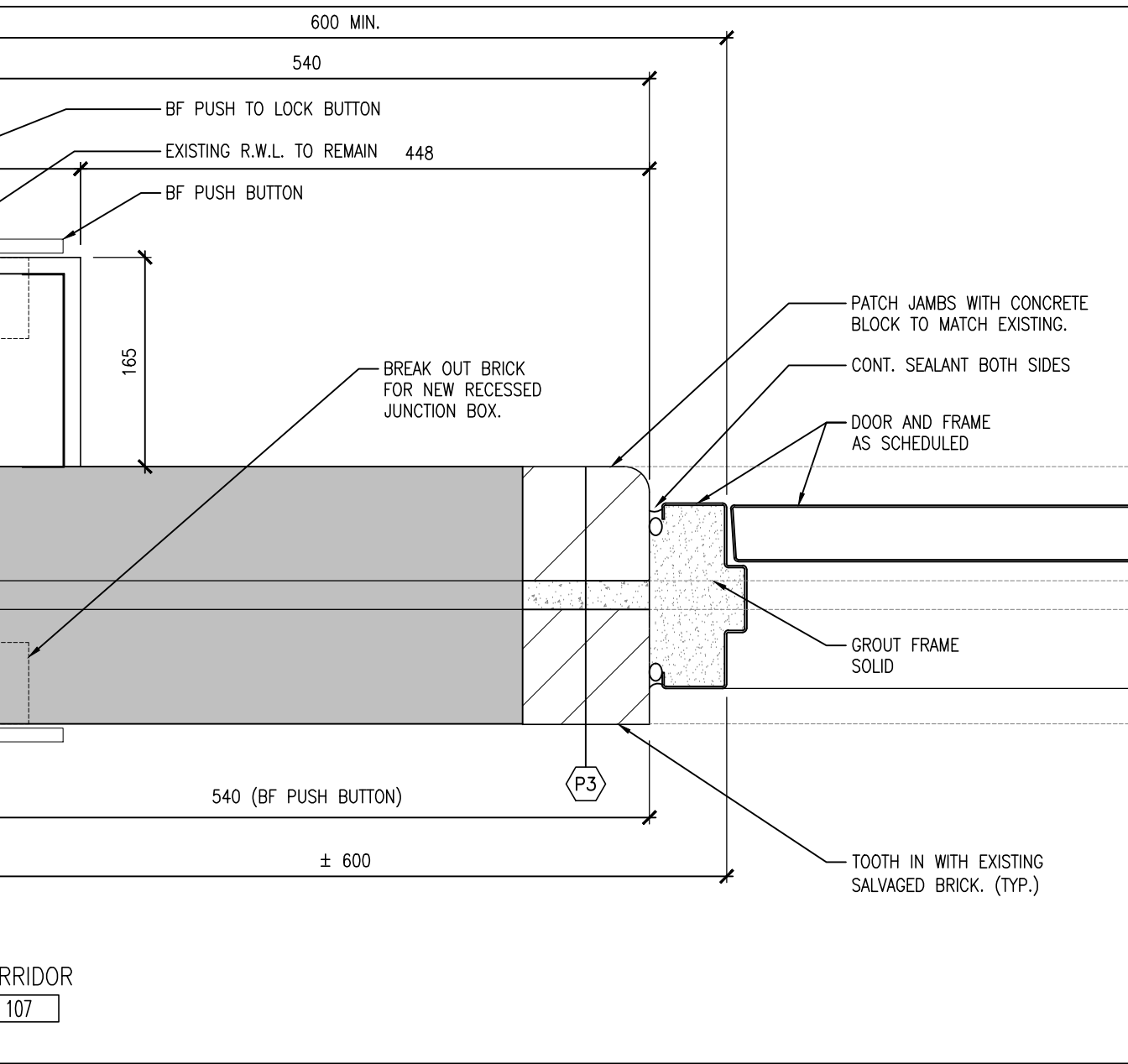
1 PLAN DETAIL
A601 1:5



3 PLAN DETAIL AT SHOWER ENTRANCE
A601 1:5



2 PLAN DETAIL
A601 1:5



1 PLAN DETAIL
A601 1:5

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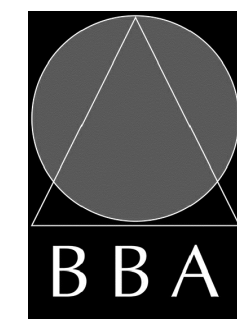
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PROJECT:
FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
PLAN & SECTION DETAILS



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PROJECT NO:

24103



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BBA

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JJA/CM

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DATE:
NOV. 28, 2023

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AS NOTED

FILE:
22119A A601

DRAWING NO:
A601

-

Figure 1 consists of four diagrams, A, B, C, and D, illustrating the sequence of construction steps for a bathroom stall. Each diagram shows a grid representing the stall area with numbered callouts indicating the order of installation.

- Diagram A:** Shows the base and wall tiles. Callout 1 points to the base tile, and callout 2 points to the wall tile. The base is labeled "BASE AS SCHEDULED".
- Diagram B:** Shows the wall tiles and the toilet. Callout 12 points to the wall tile. The base is labeled "BASE AS SCHEDULED".
- Diagram C:** Shows the wall tiles and the door. Callout 10 points to the door. The base is labeled "BASE AS SCHEDULED".
- Diagram D:** Shows the wall tiles, the toilet, and the door. Callout 1 points to the wall tile, and callout 8 points to the door. The base is labeled "BASE AS SCHEDULED".

[illegible]

WASHROOM ACCESSORIES MOUNTING HEIGHTS

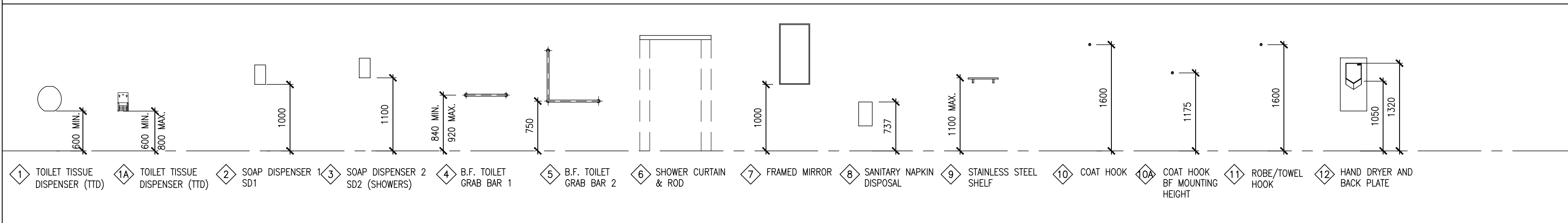


Figure 1 consists of four diagrams labeled A, B, C, and D, illustrating the application of ceramic tile and epoxy paint on a concrete block wall. The diagrams are arranged in a 2x2 grid. Diagram A shows a door frame with a diamond-shaped tile pattern labeled '10'. Diagram B shows a wall with a diamond-shaped tile pattern labeled '1' and '8', and a sink. Diagram C shows a wall with a diamond-shaped tile pattern labeled '7' and '2', and a sink. Diagram D shows a wall with a diamond-shaped tile pattern labeled '12', and a sink. Labels indicate 'CERAMIC TILE' and 'EPOXY PAINT ON CONC. BLOCK'.

[illegible]

Figure 1 consists of four diagrams, A, B, C, and D, each showing a different layout of a room with various fixtures and equipment. The diagrams are drawn on a grid background.

- Diagram A:** Shows a door swing (9) and a base (BASE AS SCHEDULED). A label points to the door swing area: "EPOXY PAINT ON EXIST. BLOCK". Another label points to the door swing: "EXTENT OF DOOR SWING".
- Diagram B:** Shows a door swing (9), a ceramic tile wall, a gypsum board painted area, and a base (BASE AS SCHEDULED). Labels include: "CERAMIC TILE", "GYPSUM BOARD PAINTED", "BASE AS SCHEDULED", and "EPOXY PAINT ON CONC. BLOCK".
- Diagram C:** Shows a toilet (7), a sink (4), and a base (BASE AS SCHEDULED). Labels include: "CERAMIC TILE", "BASE AS SCHEDULED", and "EPOXY PAINT ON CONC. BLOCK".
- Diagram D:** Shows a sink (12), a toilet (12), a base (BASE AS SCHEDULED), and a space for a future change table. Labels include: "EPOXY PAINT ON CONC. BLOCK", "SPACE FOR FUTURE CHANGE TABLE", and "BASE AS SCHEDULED".

[illegible]

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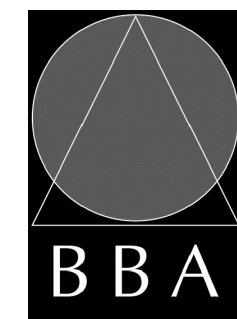
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PROJECT:

**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
INTERIOR ELEVATIONS
& ENLARGED PLANS



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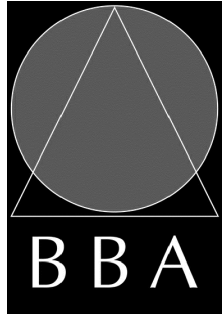
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PROJECT:
FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
MILLWORK AND MISCELLANEOUS DETAILS



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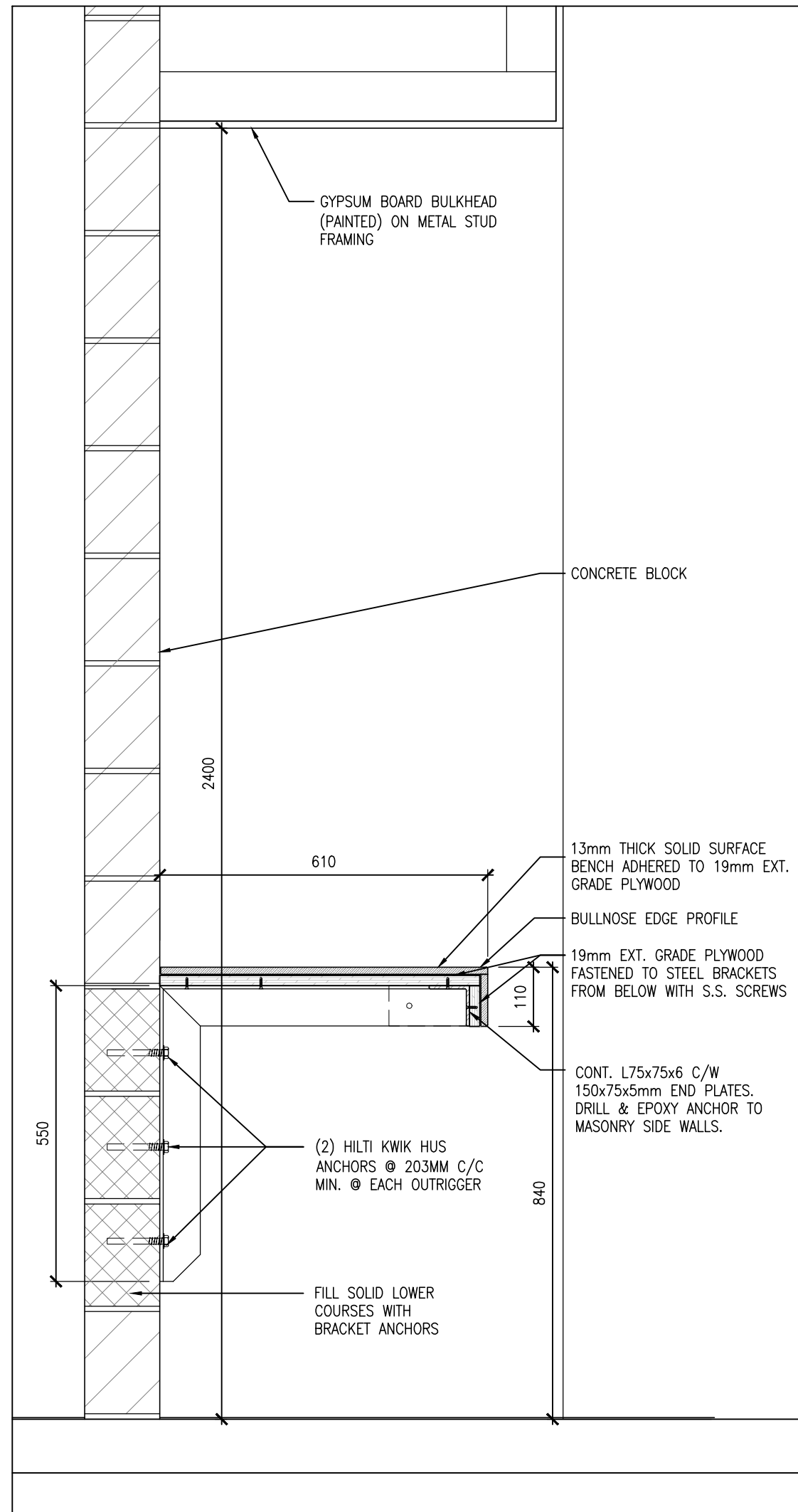


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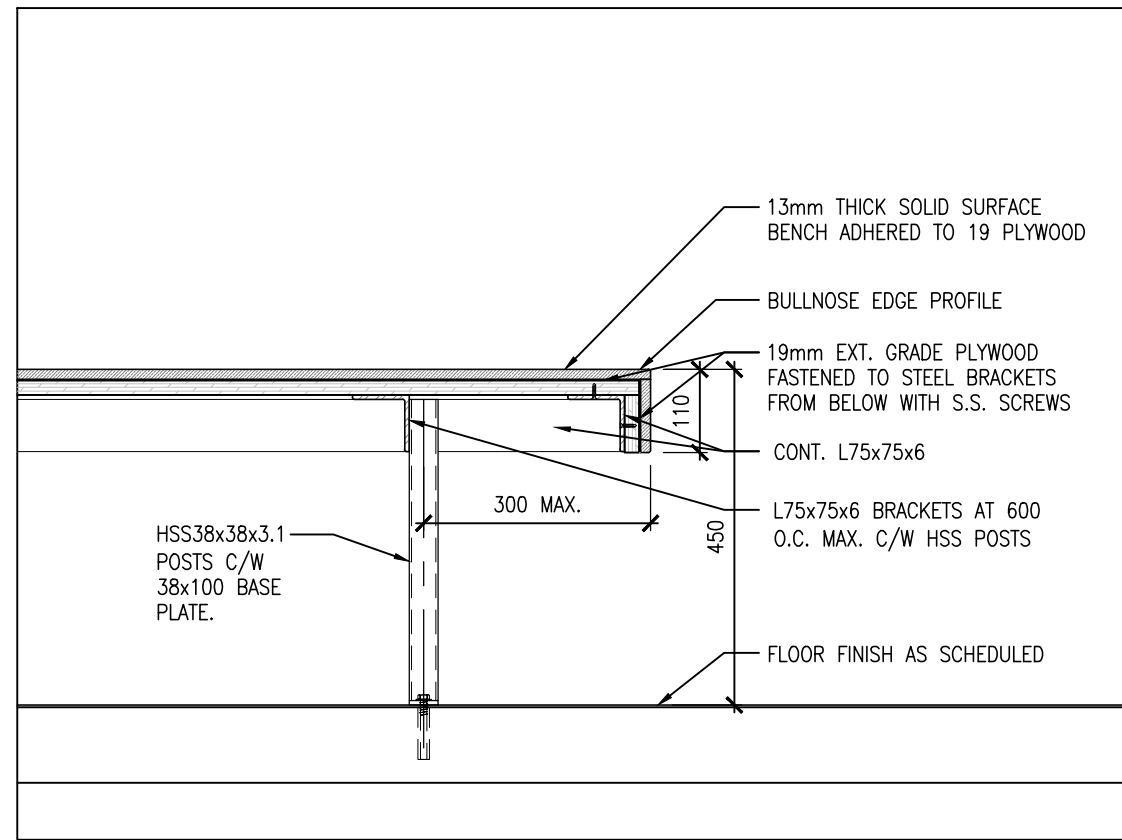
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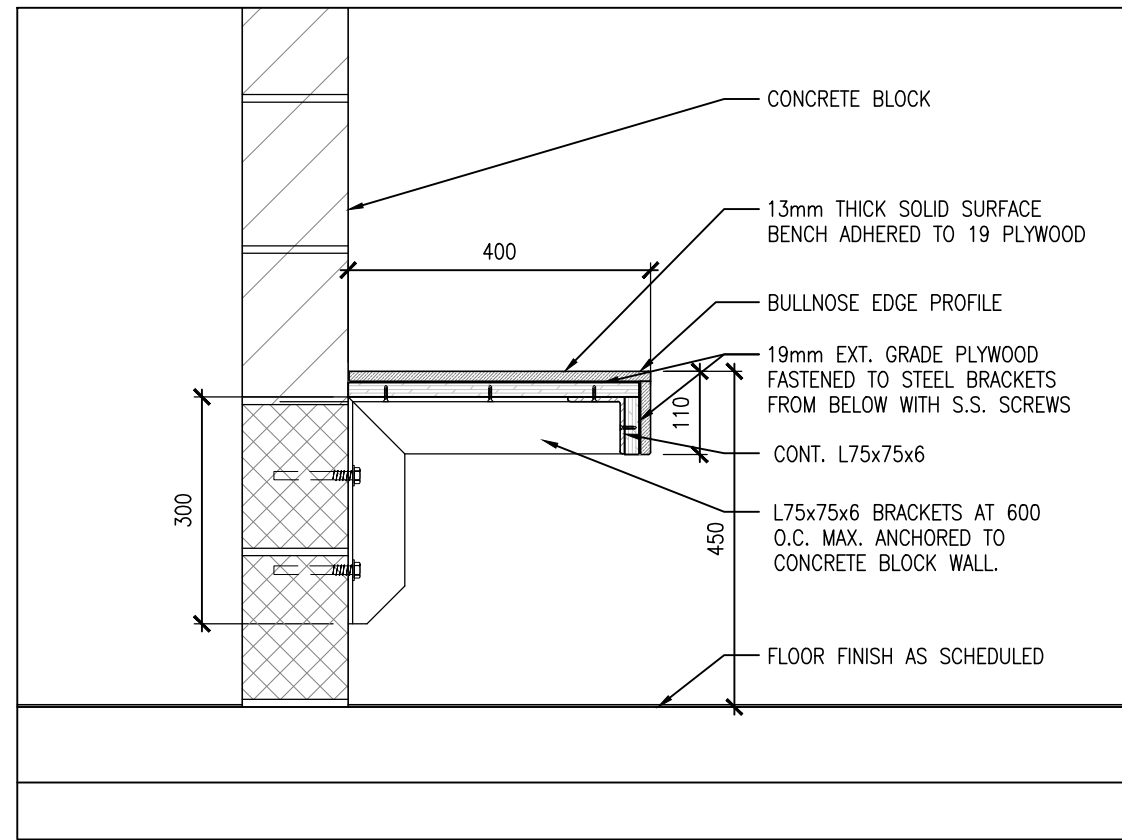
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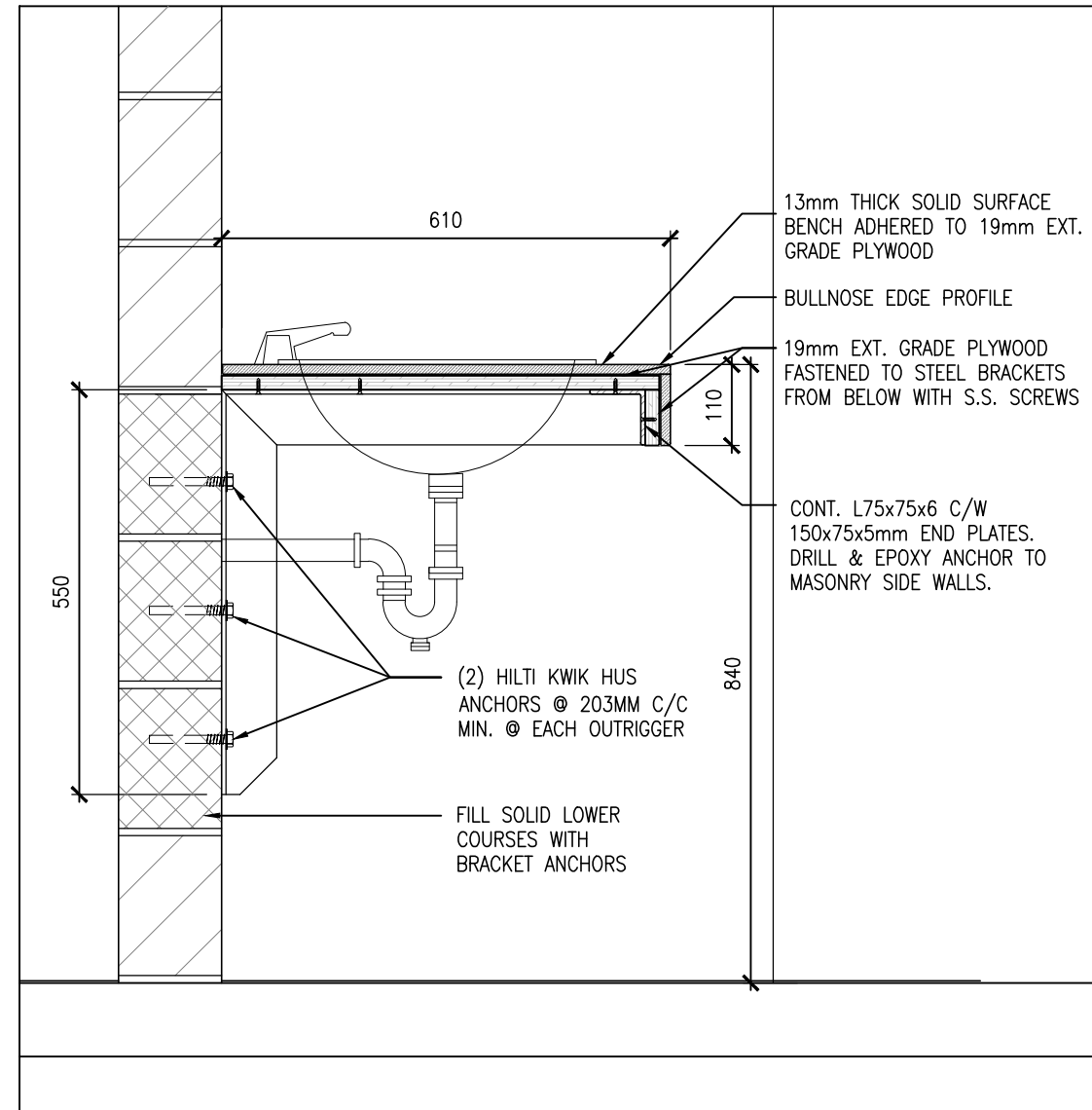
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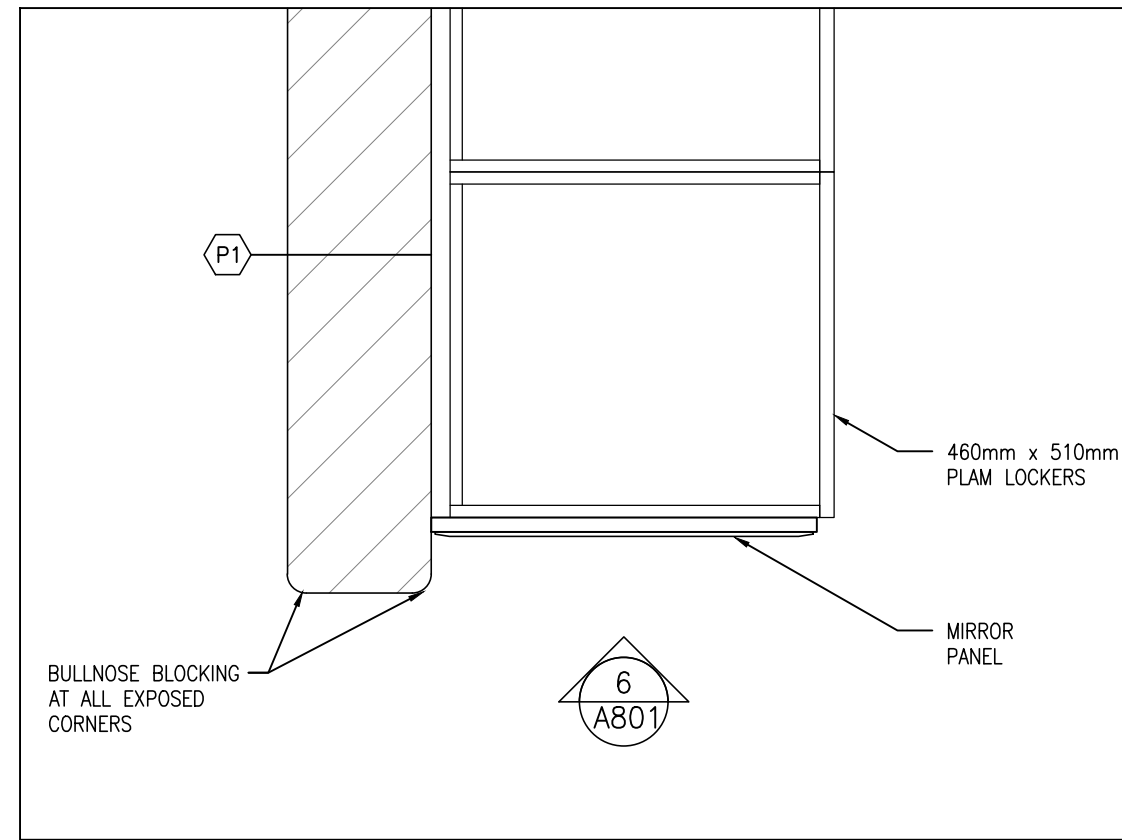
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BENCH END SECTION
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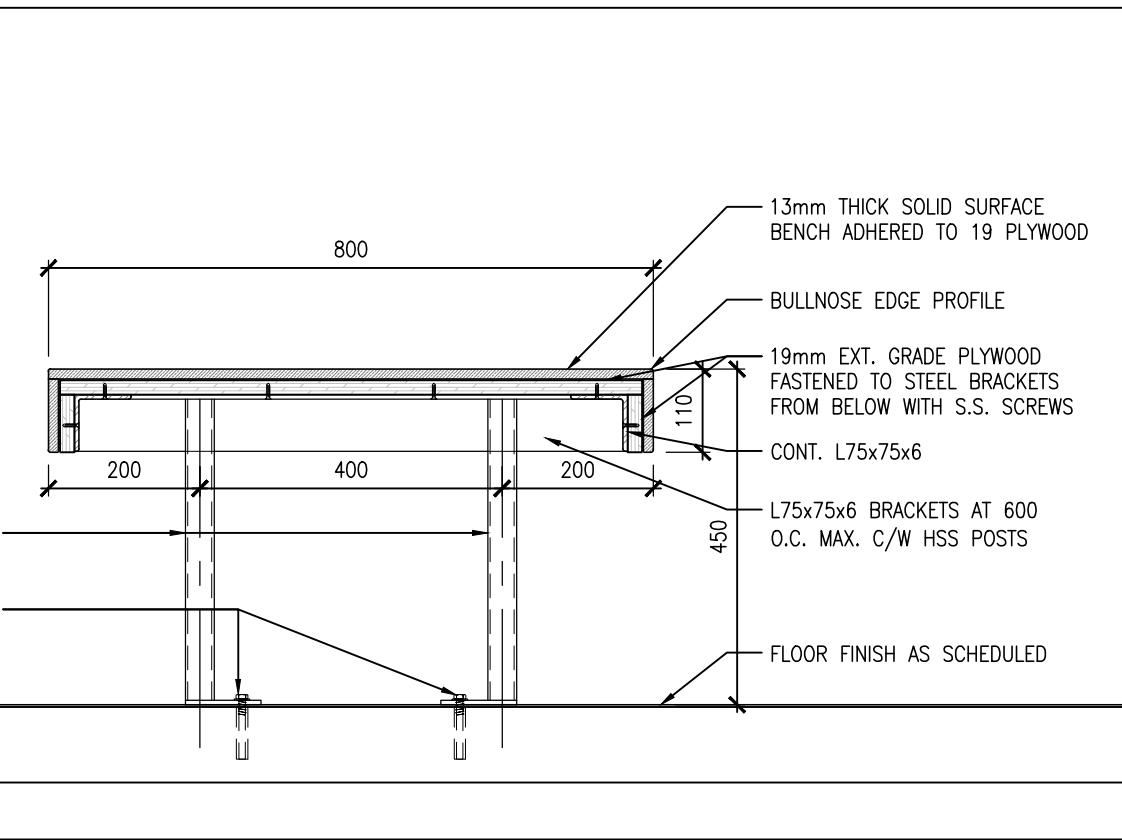
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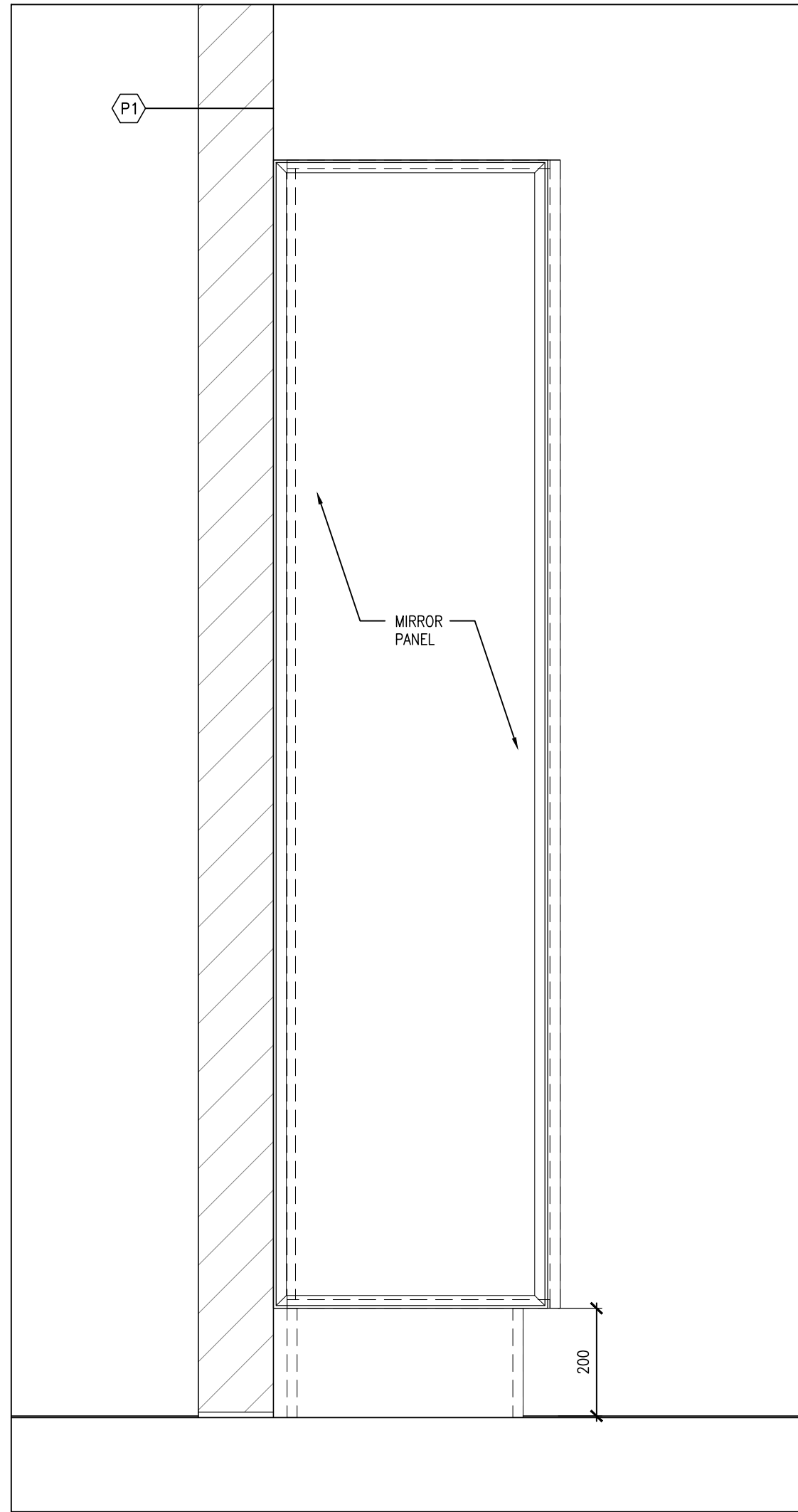
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COUNTER SECTION (SINK)
1:10



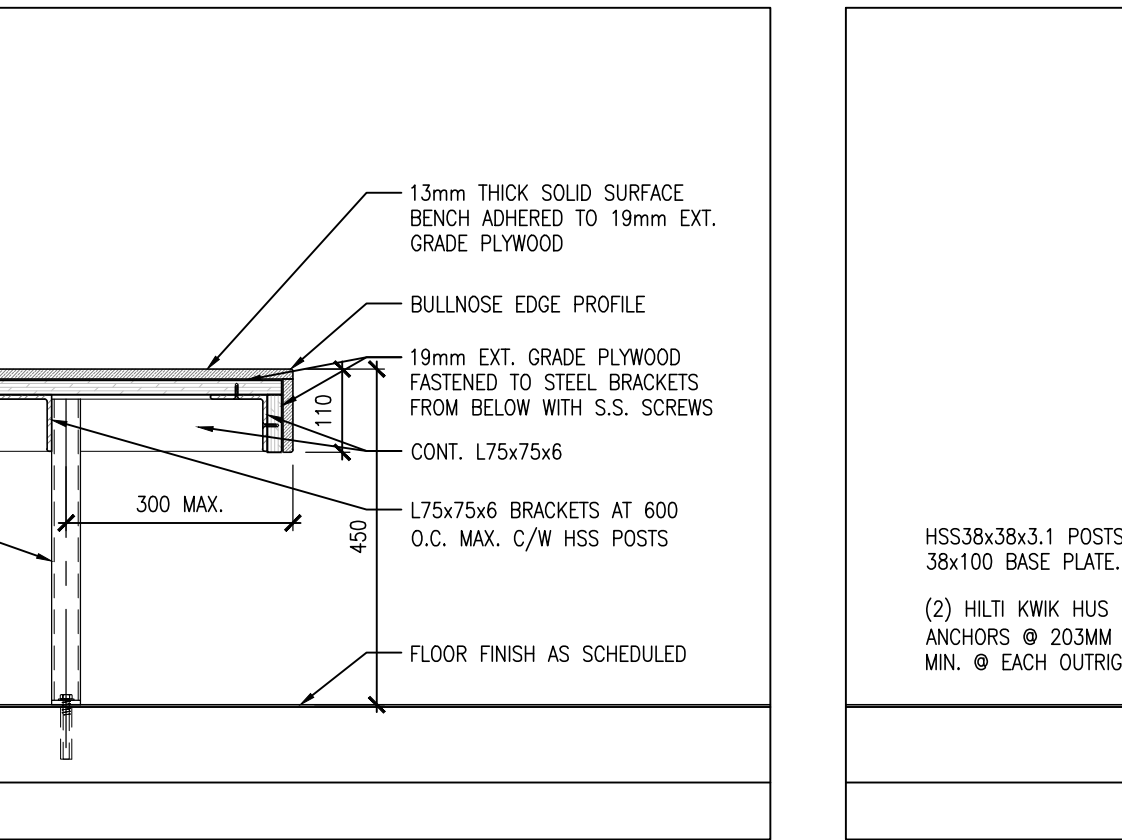
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MIRROR PANEL PLAN
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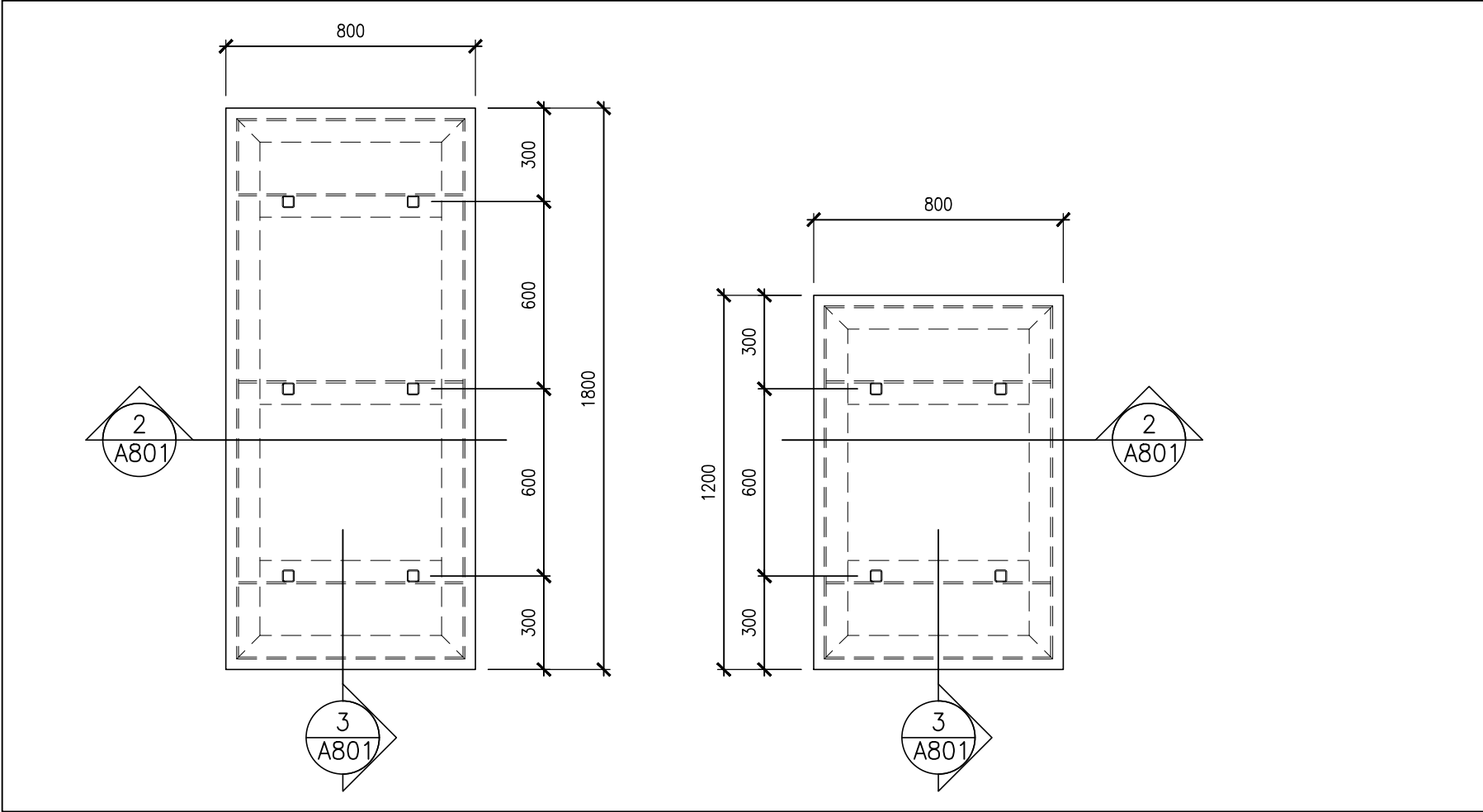
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A801
BENCH SECTION
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6
A801
MIRROR PANEL ELEVATION
1:10

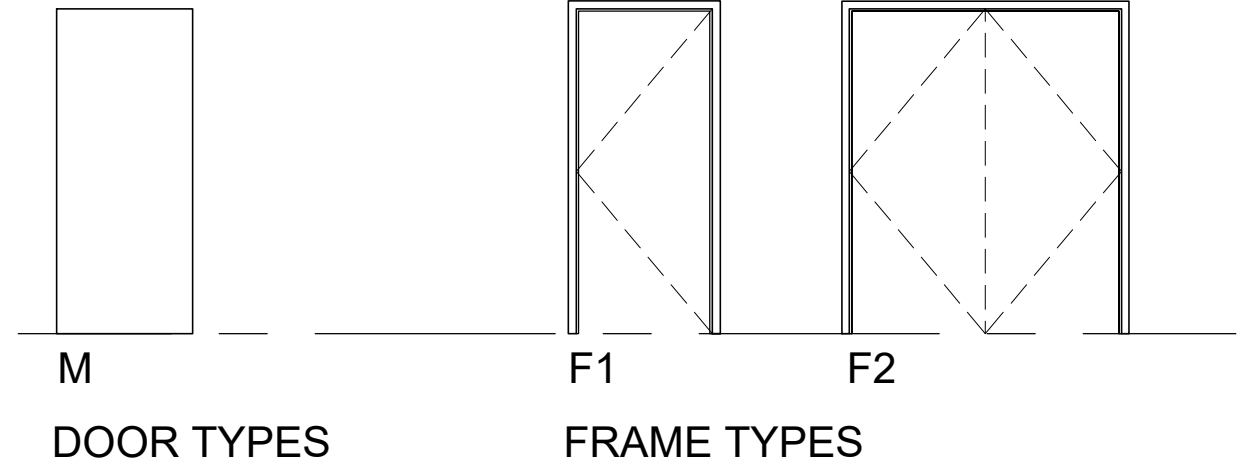


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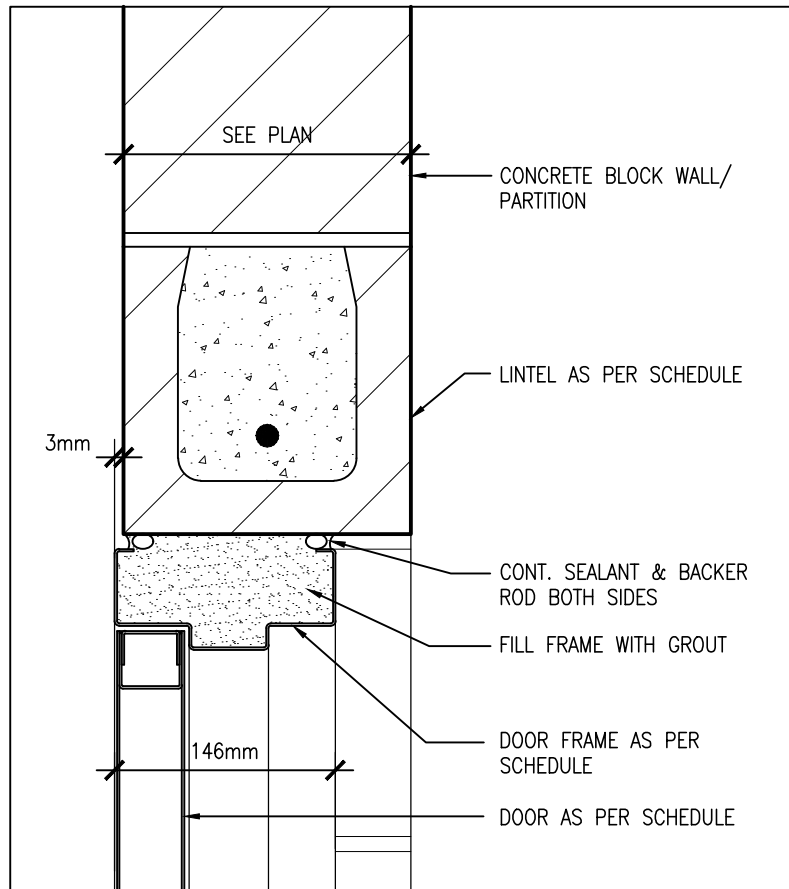
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BENCH PLANS
1:20

FINISH ABBREVIATION LEGEND				GENERAL NOTES		
CB	CONCRETE BLOCK			1. ALL EXPOSED METAL IN INTERIOR TO BE PAINT FINISH. 2. UNLESS OTHERWISE INDICATED, ALL WALLS IN WORK AREAS SHALL HAVE PAINT FINISH. 3. PAINT GYPSUM BOARD WALLS AND BULKHEADS. 4. PAINT ALL ROOF STEEL AND DECK EXCEPT ACOUSTIC DECK. 5. ALL EXPOSED DUCTWORK AND PIPING SHALL RECEIVE PAINT FINISH. 6. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION. 7. ENSURE POSITIVE TRANSITION / HIGH POINT AT SHOWER FLOORS (TYP) 8. ALL EXPOSED CONCRETE BLOCK CORNER TO BE BULLNOSED.	A. GLASS PANELS IN DOORS TO COMPLY WITH BARRIER FREE VISIBILITY REQUIREMENTS. B. PREPARE DOORS AND FRAMES FOR ELECTRONIC HARDWARE WHERE INDICATED. CONDUITS SHALL BE CONCEALED IN FRAMES. C. ALL DOORS IN FIRE SEPARATION LOCATIONS SHALL HAVE LATCHING DEVICE. D. PRESSED STEEL FRAME DEPTHS SHALL BE 146MM UNLESS OTHERWISE NOTED. E. INSTALL COAT HOOKS ON THE BACKS OF ALL WASHROOM AND SHOWER ROOM DOORS. F. ALL NEW DOORS AND FRAMES SHALL BE PAINTED.	
CLG	CEILING					
CONC	CONCRETE					
CT	CERAMIC TILE					
EP	EPOXY PAINT					
EX	EXISTING					
EXP	EXPOSED STRUCTURE					
FIN	FINISHED					
FL	FLOOR					
FRR	FIRE RESISTANCE RATING					
G	GLASS					
GB	GYPSUM BOARD					
HM	HOLLOW METAL					
MTL	METAL					
PS	PRESSED STEEL					
P	PAINT					
PLAM	PLASTIC LAMINATE					
RB	RUBBER BASE					
SC	SEALED CONCRETE					
STL	STEEL					
PCT	PORCELAIN CERAMIC TILE					

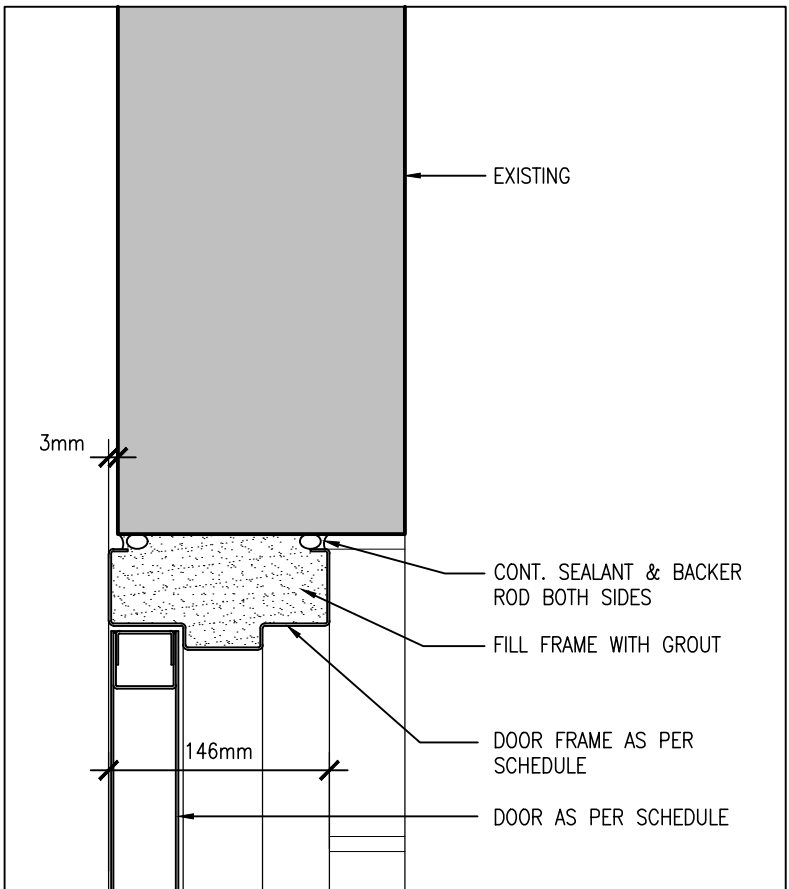


DOOR AND FRAME SCHEDULE											DOOR HARDWARE										REMARKS
DOOR					FRAME					FIRE RATING	HARDWARE										
NO.	SIZE AND THICKNESS	TYPE	MATERIAL	FINISH	GLASS	TYPE	DETAIL		MATERIAL		FINISH	HANDLE	LOCK	PRIVATE STOP	DOOR STOP	DOOR STOP	DOOR STOP	DOOR STOP	DOOR STOP	DOOR STOP	DOOR STOP
							HEAD	JAMB													
103	EXISTING	EX.M	EX.HM	P	—	F1	EX	EX	EX	EX.PS	P	—	●	●	●	●	●	●	●	●	
104	850x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
105	850x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
106	850x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
109	965x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
127	± 2-770x2150x45	M	HM	P	—	F2	H2	J2	PS	P	—	●	●	●	●	●	●	●	●	●	
128A	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
128B	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
130	915x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
132A	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
132B	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
132C	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
132D	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
134A	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
134B	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
134C	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	
134D	900x2150x45	M	HM	P	—	F1	H1	J1	PS	P	—	●	●	●	●	●	●	●	●	●	

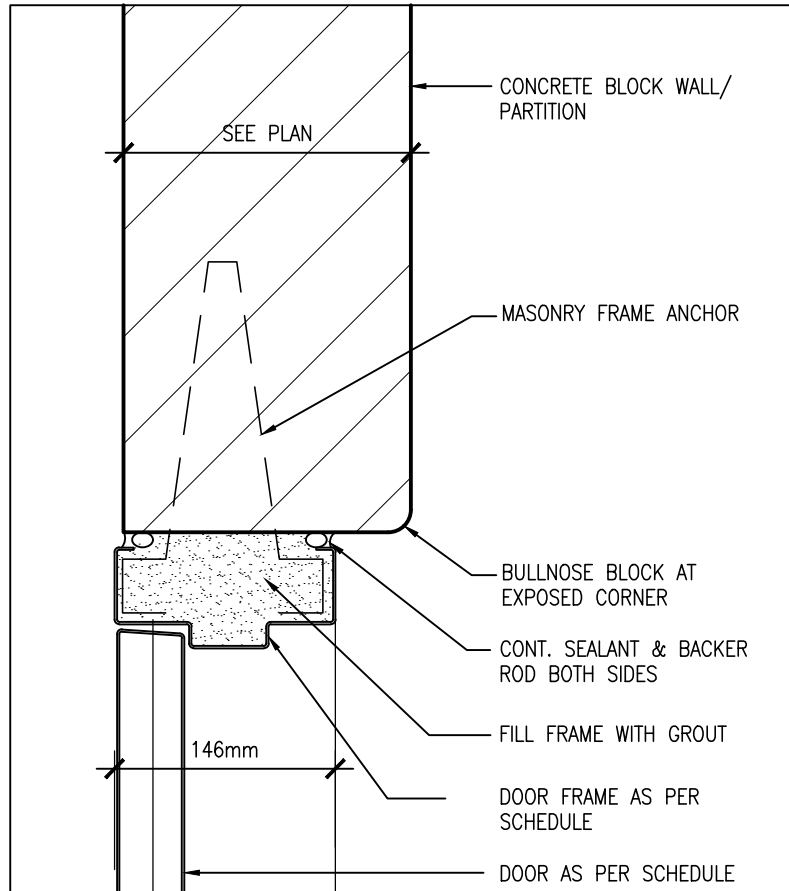
ROOM SCHEDULE																
ROOM			FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	REMARKS					
NO.	ROOM NAME				NORTH	EAST	SOUTH	WEST								
103	LOCKERS	MAT. FIN.	EX.CONC RSF	CB RB	EX.CB EP	EX.CB EP	EX.CB EP	CB EP	GB P	– 2750	BULLNOSE BLOCKING AT ALL EXPOSED EDGES LOCKERS / CONCRETE BLOCK WALL – PAINTED					
104	WASHROOM	MAT. FIN.	CONC PCT1	CB PCT	EX.CB CT/EP	CB CT	CB EP	CB EPC	GB EP	– 2750	PCT COVE BASE					
105	CAPTAIN'S DORM	MAT. FIN.	EX.CONC EX.LVT	EX.CB EX.RB	EX.CB EX.P	EX.CB P	EX.CB EX.P	EX.CB EX.P	EX.ACP –	EX. –	REPAINT WEST WALL					
106	SHOWER	MAT. FIN.	CONC PCT2	CB PCT	CB CT	EX.CB CT	EX.CB CT	CB CT	GB EP	– 2750	GYP. BD. PLUS MOLD RESISTANT GYPSUM BOARD – PAINTED ENSURE POSITIVE TRANSITION/HIGH POINT PCT COVE BASE					
106A	DRYING AREA	MAT. FIN.	CONC PCT2	CB PCT	CB EP	EX.CB EP	CB EP	CB EP	GB EP	– 2750	PCT COVE BASE					
109	UNIVERSAL WASHROOM	MAT. FIN.	CONC PCT1	CB PCT	CB CT/EP	EX.CB EP	EX.CB CT/EP	CB CT	GB P	– 2750	PCT COVE BASE					
126	DORMS	MAT. FIN.	EX.CONC EX.VCT	EX.CB EX.RB	EX.CB EX.P	EX.CB EX.P	EX.CB P	EX.CB EX.P	EX.ACP –	EX. –						
128	CORRIDOR	MAT. FIN.	EX.CONC RSF	CB RB	EX.CB/EX.CB EP	EX.CB EP	–	CB –	ACP –	– 2750						
129	CORRIDOR	MAT. FIN.	CONC RSF	CB RB	CB/EX.CB EP	CB EP	CB EP	CB EP	ACP –	– 2750						
130	VANITY	MAT. FIN.	CONC RSF	CB RB	CB EP	CB EP	–	CB –	ACP –	– 2750	GB CEILING/BULKHEAD AT COUNTER / SINK AREA TO BE PAINTED (2400mm AFF)					
131	LOCKERS	MAT. FIN.	CONC RSF	CB RB	CB/EX.CB EP	EX.CB EP	CB EP	EX.CB EP	CB EP	ACP – 2750						
132A	WASHROOM	MAT. FIN.	CONC PCT1	CB PCT	EX.CB CT	CB EP	CB CT	CB CT	GB EP	– 2750	PCT COVE BASE					
132B	WASHROOM	MAT. FIN.	CONC PCT1	CB PCT	CB CT	CB EP	CB CT	CB CT	GB EP	– 2750	PCT COVE BASE					
132C	WASHROOM	MAT. FIN.	CONC PCT1	CB PCT	EX.CB CT	CB CT	CB CT	CB EP	GB EP	– 2750	PCT COVE BASE					
132D	WASHROOM	MAT. FIN.	CONC PCT1	CB PCT	CB CT	CB CT	CB CT	CB EP	GB EP	– 2750	PCT COVE BASE					
133	FITNESS	MAT. FIN. COL.	EX.CONC ASF	CB RB	CB/EX.CB EP	EX.CB EP	CB EP	EX.CB EP	EX.CB EP	EXP. P –						
134A	SHOWER	MAT. FIN.	CONC PCT2	CB PCT	CB CT	CB CT	CB CT	EX.CB CT	CB EP	GB – 2750	GYP. BD. PLUS MOLD RESISTANT GYPSUM BOARD – PAINTED ENSURE POSITIVE TRANSITION/HIGH POINT PCT COVE BASE					
134A1	DRYING AREA	MAT. FIN.	CONC PCT2	CB PCT	CB EP	CB EP	CB EP	CB EP	GB EP	– 2750	PCT COVE BASE					
134B	SHOWER	MAT. FIN.	CONC PCT2	CB PCT	CB CT	CB CT	CB CT	EX.CB CT	CB EP	GB – 2750	GYP. BD. PLUS MOLD RESISTANT GYPSUM BOARD – PAINTED ENSURE POSITIVE TRANSITION/HIGH POINT PCT COVE BASE					
134B1	DRYING AREA	MAT. FIN.	CONC PCT2	CB PCT	CB EP	CB EP	CB EP	CB EP	GB EP	– 2750	PCT COVE BASE					
134C	SHOWER	MAT. FIN.	CONC PCT2	CB PCT	CB CT	CB CT	CB CT	EX.CB CT	CB EP	GB – 2750	GYP. BD. PLUS MOLD RESISTANT GYPSUM BOARD – PAINTED ENSURE POSITIVE TRANSITION/HIGH POINT PCT COVE BASE					
134C1	DRYING AREA	MAT. FIN.	CONC PCT2	CB PCT	CB EP	CB EP	CB EP	CB EP	GB EP	– 2750	PCT COVE BASE					
134D	SHOWER	MAT. FIN.	CONC PCT2	CB PCT	CB CT	CB CT	CB CT	EX.CB CT	CB EP	GB – 2750	GYP. BD. PLUS MOLD RESISTANT GYPSUM BOARD – PAINTED ENSURE POSITIVE TRANSITION/HIGH POINT PCT COVE BASE					
134D1	DRYING AREA	MAT. FIN.	CONC PCT2	CB PCT	CB EP	CB EP	CB EP	CB EP	GB EP	– 2750	PCT COVE BASE					



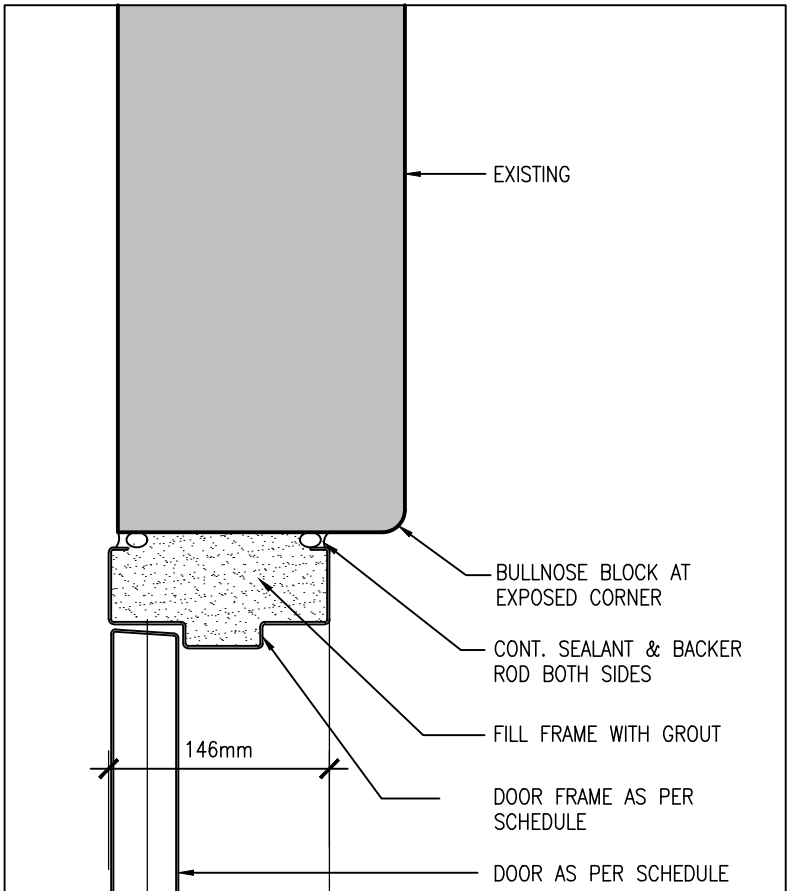
DETAIL H1



DETAIL H2



DETAIL J1



DETAIL J2

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NO.	ISSUES	DATE	BY
1	REVISION SET 30%	SEPT. 03, 2024	BBA
2	ISSUED FOR 90% REVIEW	OCT. 24, 2024	BBA
3	ISSUED FOR PERMIT & TENDER	DEC. 13, 2024	BBA

NO.	REVISIONS	DATE	BY
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PROJECT:
FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
ROOM FINISH AND DOOR SCHEDULES



BARRY BRYAN ASSOCIATES

Architects
Engineers
Project Managers

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DESIGN BY:
BBA

DRAWN BY:
EL/JA/CM

CHECKED BY:

DATE:
JULY 2024

SCALE:
AS NOTED

FILE:
24103 A901

PROJECT NO:

24103

DRAWING NO:

A901

GENERAL

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITIONS OF ALL RELEVANT CODES AND STANDARDS.
- CONFORM TO OWNER'S GENERAL SPECIFICATIONS INCLUDING ALL SAFETY REQUIREMENTS.
- SITE VERIFY ALL DIMENSIONS AND LEVELS.
- KEEP THE SITE THROUGHOUT THE WORK AREA IN A CLEAN AND ORDERLY CONDITION AT ALL TIMES TO THE SATISFACTION OF THE OWNER.
- ALL STRUCTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH OTHER CONSULTANTS DRAWINGS.

TEMPORARY WORKS

- THE CONTRACTOR SHALL DESIGN, PROVIDE, ERECT, MAINTAIN REMOVE AND ASSUME FULL AND SOLE RESPONSIBILITY FOR ALL TEMPORARY WORKS REQUIRED FOR THE SAFE AND COMPLETE EXECUTION OF THE WORKS.
- IN THE EXECUTION OF THE TEMPORARY WORKS AND FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR ALL LIKELY CONSTRUCTION LOADING AND PROVIDE SUFFICIENT BRACING AND PROPS TO KEEP THE WORKS IN PLUMB AND ALIGNMENT AND FREE FROM EXCESSIVE DEFLECTION.
- ACCESS OF HEAVY CONSTRUCTION EQUIPMENT AND ACCUMULATION OF CONSTRUCTION MATERIALS ON THE FLOORS ARE NOT PERMITTED, UNLESS SUCH HAVE BEEN CATERED FOR IN THE CONTRACTOR'S TEMPORARY WORK DESIGN TO THE SATISFACTION OF THE ARCHITECT.
- SUBMIT SHOP DRAWINGS FOR ALL TEMPORARY WORKS FOR REVIEW BEFORE FABRICATION COMMENCES. SHOP DRAWINGS SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO.

CONCRETE

- CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF CAN/CSA-A23.1 AND CAN/CSA-A23.3 WITH THE FOLLOWING PROVISION:

LOCATION	DESIGN STRENGTH (28 DAYS)	SLUMP	EXPOSURE CLASS
EXTERIOR FOOTINGS AND PIERS	25 MPa	80± 30	F-1
INTERIOR FOOTINGS/ FOOTING WALLS AND PIERS	25 MPa	80± 30	N
SLAB ON GRADE	25 MPa	80± 30	N
ALL OTHER INTERIOR CONCRETE	25 MPa	80± 30	N

- NO ADDITIONAL WATER SHALL BE ADDED AT THE JOB SITE. CONCRETE WHICH HAS BEEN WATERED OR DOES NOT MEET SPECIFICATIONS SHALL BE REJECTED.
- DURING WINTER WEATHER BELOW 5°C PROVIDE TEMPORARY HEATING OF CONCRETE IN ACCORDANCE WITH THE REQUIREMENTS OF CSA A23.1.
- WHEN PIPES, CONDUITS, OR SLEEVES ARE REQUIRED TO PENETRATE CONCRETE ASSEMBLIES, THE FOLLOWING SHALL BE OBSERVED:
 - SPACING OF SUCH ITEMS SHALL BE 3 DIAMETERS ON CENTER.
 - CONCRETE SHALL NOT BE PENETRATED WITHIN 600mm OF CONCENTRATED LOADS.
 - ANY PENETRATION SHALL BE A MINIMUM OF 600mm FROM ALL EDGES SUCH AS ENDS AND TOPS OF WALLS.
 - FOR ANY PENETRATIONS GREATER THAN 300mm, CONSULT THE ENGINEER FOR REVIEW AND DETERMINATION OF EXTRA REINFORCEMENT REQUIREMENTS IF APPLICABLE.

CONCRETE REINFORCEMENT

- THE CLEAR DISTANCE BETWEEN REINFORCING STEEL AND SURFACE OF CONCRETE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE.

LOCATION	CLEAR COVER
FOOTINGS	75mm UNDERSIDE 50mm TOP AND ENDS
WALLS	50mm AGAINST EARTH (20M BAR OR GREATER) 40mm AGAINST EARTH (15M BAR) 40mm AGAINST FORM (20M BAR OR GREATER) 25mm AGAINST FORM (15M BAR)
SLABS	25mm TOP BARS 25mm BOTTOM BARS
COLUMNS/PIERS	40mm TO TIES
SURFACE IN CONTACT WITH GROUND	75mm

- DETAIL REINFORCING STEEL IN ACCORDANCE WITH "REINFORCING STEEL MANUAL OF STANDARD PRACTICE" LATEST EDITION.
- REINFORCING BAR SPLICES FOR DEFORMED BARS: CLASS "B" TENSION LAP UNLESS NOTED
- ALL REINFORCING STEEL SHALL BE DEFORMED HARD GRADE BILLET STEEL CONFORMING TO CSA G30.18 GRADE 400.
- WELDED STEEL WIRE FABRIC, PLAIN TYPE CONFORMING TO ASTM A1064/A1064M-17 IN FLAT SHEETS NOT ROLLED.
- ALL CONCRETE REINFORCEMENT MUST BE PROPERLY CHAIRED WITH APPROVED BAR SUPPORTS. MANUAL "LIFTING" OF REINFORCEMENT WILL NOT BE ACCEPTED.
- PROVIDE CHAIRS, SPACER BARS, SUPPORT BARS AND OTHER ACCESSORIES TO SUPPORT REINFORCING IN ACCORDANCE WITH THE LATEST EDITIONS OF CSA A23.1 AND CSA A23.3. CHAIRS TO BE PLASTIC, PLASTIC TIPPED OR CONCRETE. ALL TIE WIRE, CHAIRS AND BAR SUPPORTS USED FOR COATED REINFORCING SHALL BE NON-METALLIC OR PROTECTED WITH ACCEPTABLE COATING.
- CHAIRS SHALL BE SPACED AT 1200mm O.C. MAXIMUM.

SLAB ON GRADE

- CAST SLAB ON GRADE ON EXISTING GRANULAR SUBGRADE MATERIAL. PROJECT GEOTECHNICAL CONSULTANT TO REVIEW AND APPROVE EXISTING MATERIAL BASED ON LISTED ASSUMED SUBGRADE MODULUS, COMPACTION, ETC.
- SAWCUT 150mm ON SLAB WITHIN 6 TO 18 HOURS. SUBMIT PROPOSED SAWCUT ARRANGEMENT FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING.
- MAINTAIN MINIMUM SPECIFIED THICKNESS AT ALL DEPRESSIONS AND CHANGES IN ELEVATIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND LOCATION OF ALL FINISHES, DEPRESSIONS AND SLOPES.
- PREPARE SLAB ON GRADE AS REQUIRED TO ACCEPT EPOXY FINISH.
- COORDINATE OTHER AREAS REQUIRING SLAB REMOVAL / REPAIR WITH MECHANICAL AND ELECTRICAL DRAWINGS.

MASONRY

- MASONRY WORK IN ACCORDANCE WITH CAN/CSA A370 AND CAN/CSA A371 EXCEPT WHERE SPECIFIED OTHERWISE.
- ONLY TYPE "S" MORTAR SHALL BE USED, MINIMUM STRENGTH SHALL BE 12.4 MPa AT 28 DAYS.
- GROUT (PEA GRAVEL) AT BOND BEAMS AND GROUTED HOLLOW BLOCKS TO BE A MINIMUM OF 20 MPa COMPRESSIVE STRENGTH AT 28 DAYS. IN ACCORDANCE WITH CAN3-A23.1
- MORTAR FOR EXPOSED EXTERIOR MASONRY SHALL BE AIR ENTRAINED.
- PROVIDE LATERAL RESTRAINT AT TOP OF NON-LOAD BEARING BLOCK PARTITIONS AS INDICATED ON TYPICAL DETAILS.
- PROVIDE VERTICAL WALL REINFORCING FOR FULL HEIGHT OF LIFT, CONTINUOUS FROM FLOOR TO FLOOR/ROOF, WITH CLASS B LAPS.
- MASONRY WORK SHALL CONFORM TO CAN3-S304 AND ITS REFERENCED DOCUMENTS, INCLUDING:
 - CONCRETE BLOCK TO CSA-A165.1, TYPE H15/A. SEE ARCH. DWGS. FOR FIREWALL REQUIREMENTS UNLESS NOTED OTHERWISE. (BASED ON NET AREA) - H 15/C FOR FIREWALL.
 - MORTAR TO CSA-A173M, TYPE "S" FOR ALL WALLS.
 - GROUT TO CSA-A173-M
 - MASONRY WIRE REINFORCING TO CSA-G30.14.
 - REINFORCING BARS TO CSA-G30.18-M-400 MPa.
 - WELDED REINFORCING BARS TO CSA-G30.18-400 MPa.
 - CONNECTION TO CAN/CSA A370.
 - PRACTICE TO CAN/CSA A371.
- STRUCTURAL DRAWINGS INDICATE ONLY LOAD-BEARING WALLS.
- SUBMIT EVIDENCE OF MORTAR AND GROUT STRENGTH. FIELD CONTROL AND TESTING SHALL COMPLY WITH REQUIREMENTS OF CLAUSE 5 OF CAN3-S304.
- PROVIDE TEMPORARY BRACING OF MASONRY UNTIL PERMANENT LATERAL SUPPORT IS IN PLACE.
- PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS. SEE LINTEL SCHEDULE FOR REQUIREMENTS.
- REFER TO TYPICAL DETAILS FOR BOND BEAM AND BEARING REQUIREMENTS AT FLOORS AND ROOFS.
- MINIMUM STANDARD LAP LENGTH:
 - WIRE REINF. - 200mm
 - 10M BARS - 400mm
 - 15M BARS - 600mm
 - 20M BARS - 800mm
- UNLESS NOTED OTHERWISE, PROVIDE 2-15M VERTICAL BARS FULL HEIGHT AT:
 - UNSUPPORTED ENDS OF WALLS.
 - EACH SIDE OF CONTROL JOINTS
- PROVIDE CLEANOUT PORT AT BOTTOM OF EACH GROUTED CORE WHEN REQUIRED BY ENGINEER. DO NOT CLOSE PORT OR PLACE GROUT UNTIL CORE AND STEEL HAVE BEEN INSPECTED.
- FILL CELLS CONTAINING VERTICAL REINFORCING AND BOLTS WITH GROUT VIBRATE OR PUDDLE TO FILL CELLS COMPLETELY.
- FILL CELLS IN 1500mm LIFTS MAXIMUM OR BETWEEN BOND BEAMS, WHICHEVER IS LESS, UNLESS SPECIAL PROVISIONS ARE MADE TO ENSURE FULL GROUT COLUMNS HAVE BEEN MADE TO THE SATISFACTION OF THE ENGINEER.
- CONTROL JOINTS SHALL BE INSTALLED AT MAXIMUM SPACING OF 6000mm, IF NOT OTHERWISE SHOWN ON ARCHITECTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FILL BLOCK CORES UNDER ALL BEAMS, JOISTS AND OTHER CONCENTRATED POINT LOADS WITH CONCRETE GROUT. GROUT SHALL EXTEND A MINIMUM OF 600mm BELOW LOAD.
- CONTROL JOINTS AND EXPANSION JOINTS SHALL BE CONTINUED THROUGH BOND BEAMS IF NOT OTHERWISE SHOWN.
- NO MASONRY WORK SHALL BE PERMITTED WITH TEMPERATURE BELOW 5° CELSIUS, UNLESS PROVISIONS ARE MADE FOR HEATING THE MATERIALS AND PROTECTING THE WORK.
- SET BASE PLATES ON MASONRY ON MIN. 25MPa NON-SHRINK GROUT FOR LEVELING.
- FIRST COURSE OF MASONRY TO BE LAID IN A FULL BED OF MORTAR. ALL OTHER COURSES TO BE LAID WITH MORTAR AT FACE SHELL BED AND HEAD JOINTS.

CONCRETE BLOCK MASONRY COMPRESSIVE STRENGTH (MPa)			
LOCATION	NET	GROSS (f'm) FOR HOLLOW BLOCK	GROSS (f'm) FOR SOLID OR GROUTED BLOCK
TYP. ALL CONCRETE BLOCK	20	9.8	7.5

- POCKETS FOR STEEL BEAMS AND JOISTS SHALL BE GROUTED SOLID AND THE WALL MADE GOOD AFTER.

DEMOLITION NOTES

- PROVIDE PROTECTION AS REQUIRED TO PREVENT DAMAGE TO THE EXISTING STRUCTURE AND/OR ADJACENT EQUIPMENT. PROTECT ALL EXISTING FINISHES, FRAMES AND PROPERTY.
- SAW CUT, REMOVE AND DISPOSE OF EXISTING DEMOLISHED MATERIALS OFF-SITE, AS REQUIRED TO COMPLETE THE WORK. ENSURE ALL EXISTING CONCRETE TO BE DEMOLISHED IS SCANNED TO IDENTIFY THE PRESENCE OF ANY EMBEDDED CONDUITS, SERVICES, ETC. NOTIFY BBA OF ANY FINDINGS. REMOVAL OF ALL ACM IS BY OTHERS.
- KEEP THE WORK AND STAGING AREAS CLEAN AND ORDERLY AT ALL TIMES AND FREE FROM RUBBLE AND DEBRIS.
- NOTIFY CONSULTANT OF ANY LOAD BEARING MEMBERS OR ASSEMBLIES DISCOVERED OR IDENTIFIED DURING WORK WITH EXCESSIVE DETERIORATION BEYOND WHAT IS NOT INDICATED ON THE DRAWINGS. DO NOT PROCEED WITH REMOVAL WITHOUT PRIOR REVIEW BY THE CONSULTING STRUCTURAL ENGINEER.
- ALL BUILDING MATERIALS TO BE REMOVED FROM THE BUILDING SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS SPECIFIED OTHERWISE AND SHALL BE REMOVED FROM THE SITE.
- COVER ALL LOADED TRUCKS LEAVING THE DEMOLITION SITE.
- CONTRACTOR SHALL KEEP CLEAR AND NOT INHIBIT THE USE OF BUILDING FIRE ROUTE AND ALL HYDRANTS DURING THE ENTIRE DEMOLITION WORK.
- REPORT ANY DOUBTFUL UNFORESEEN AND/OR UNEXPECTED SITE CONDITIONS TO THE ENGINEER PRIOR TO PROCEEDING.
- ALL NEW SERVICES, PIPING, ETC. SHOULD UTILIZE EXISTING CHASES AND VERTICAL ACCESS. SHOULD NEW PENETRATIONS THROUGH EXISTING SUSPENDED SLAB ON GRADE BE REQUIRED, NOTIFY STRUCTURAL CONSULTANT FOR REVIEW PRIOR TO EXECUTING WORK.

DESIGN LOADS

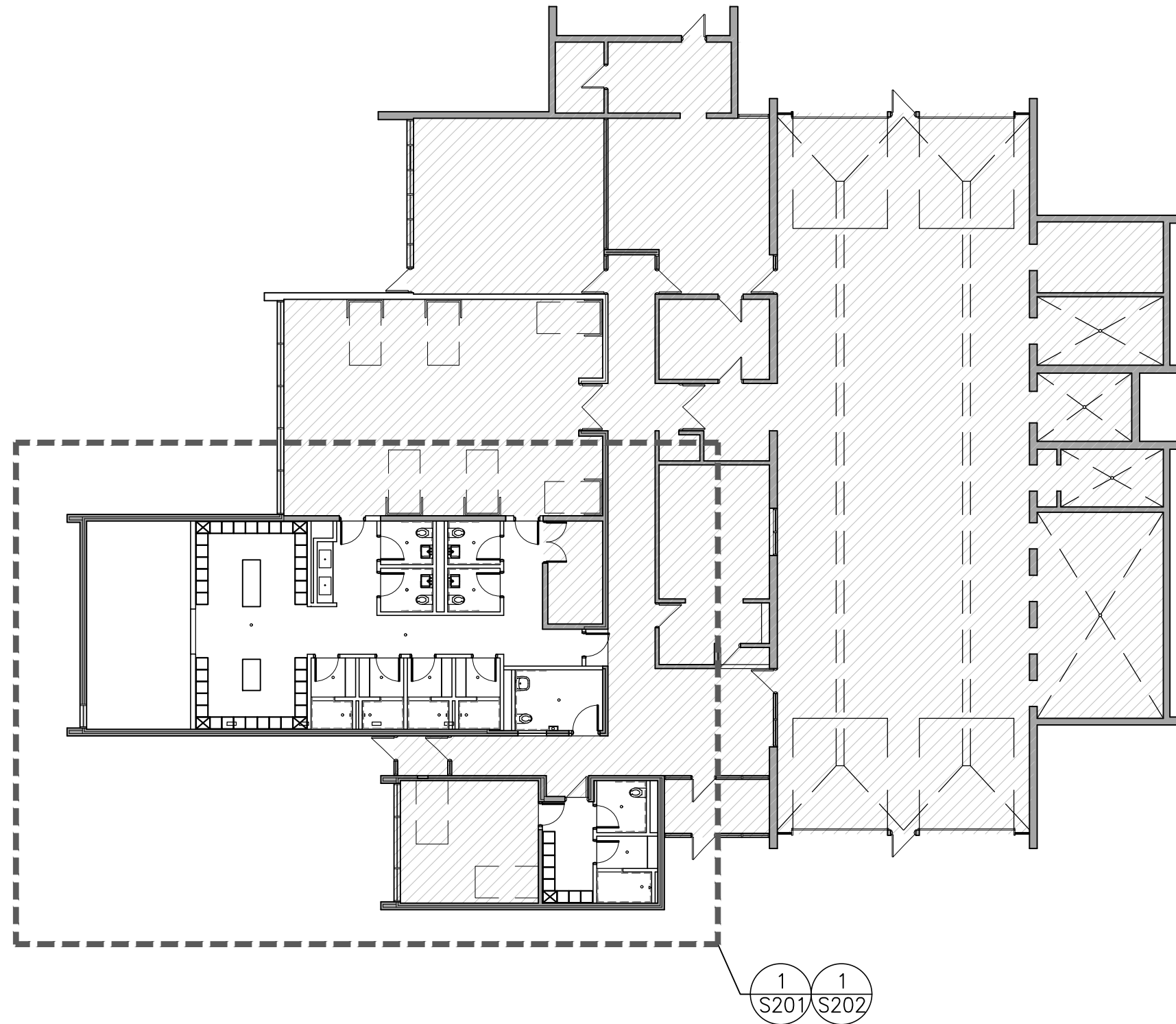
WIND : q (30) = 0.47 kPa (SCARBOROUGH)

MACHINE WEIGHT = 16,090lbs.

MAX. MOLD WEIGHT = 4,850lbs.

ROLLING CART WEIGHT = 2,000lbs.

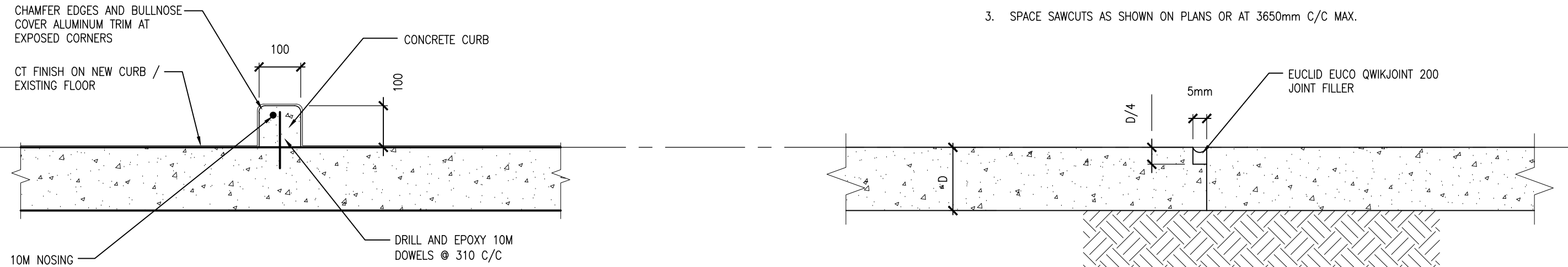
FACTOR OF SAFETY FOR MACHINE DYNAMIC LOADING
RECOMMENDED BY SUPPLIER = 2.0



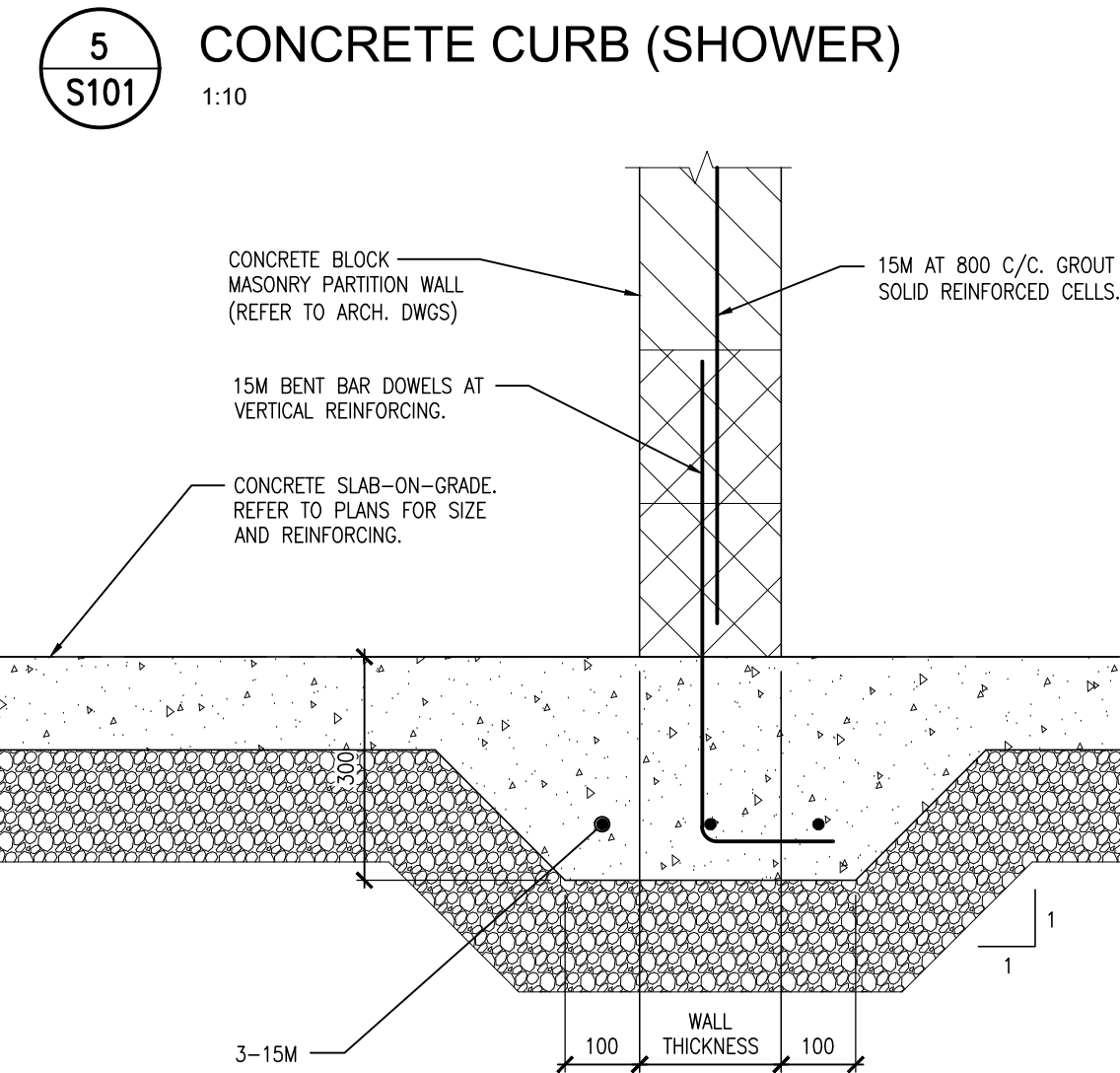
1 S101 KEY PLAN
1:200

NOTES:

- SAWCUT WITHIN 6 TO 18 HOURS. SUBMIT PROPOSED SAWCUT ARRANGEMENT FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING.
- AFTER THE SLAB IS 30 DAYS OLD, REMOVE ALL DEBRIS FROM THE SAWCUTS AND FILL WITH MORTAR CONTAINING CEMENT, SAND AND LATEX BONDING AGENT, OR AS NOTED IN SPECIFICATIONS
- SPACE SAWCUTS AS SHOWN ON PLANS OR AT 3650mm C/C MAX.



3 S101 TYPICAL SLAB SAWCUT DETAIL
N.T.S.



4 S101 TYP. NON-LOADBEARING WALLS & SLAB THICKENING DETAIL
1:10

2 S101 TYP. SLAB-TO-SLAB CONNECTION
N.T.S.

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1	REVISION SET 30%	SEPT. 03, 2024	88A
2	ISSUED FOR 90% REVIEW	OCT. 24, 2024	88A
3	ISSUED FOR PERMIT & TENDER	DEC. 13, 2024	88A

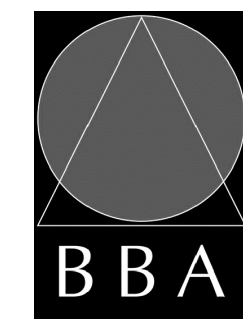
NO.	REVISIONS	DATE	BY
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PROJECT:

**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
PART FOUNDATION PLAN



**BARRY BRYAN
ASSOCIATES**
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Project Managers

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PROJECT NO

24103



DESIGN BY: MF	DOC CONTROL DATE:
DRAWN BY: JJA/CM	% COMPLETE:
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DATE:
OCT. 2024

SCALE:
AS NOTED

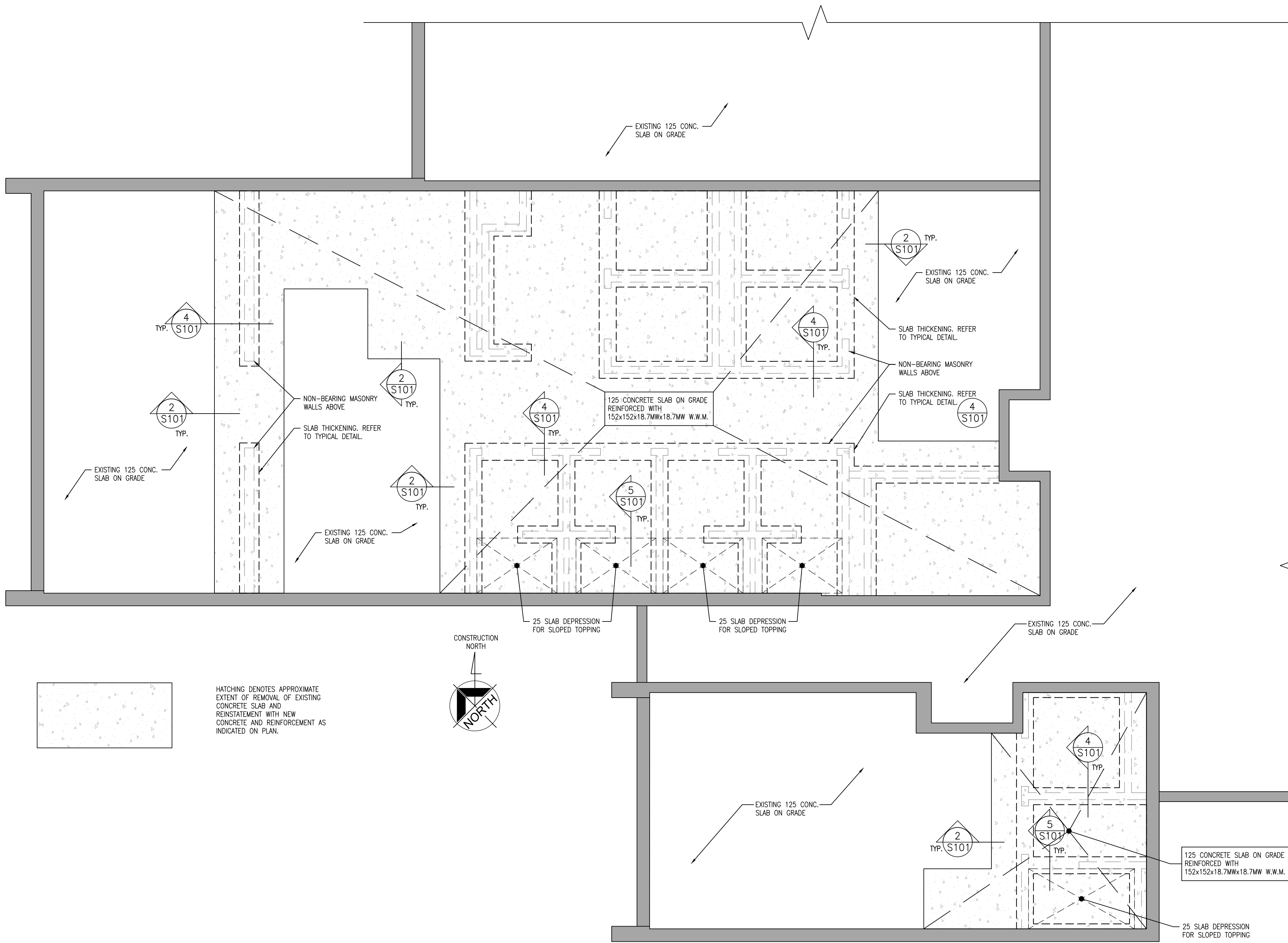
FILE:
24103 S201-202

DRAWING NO.

S201

FOUNDATION PLAN:

1. FINISHED GROUND FLOOR IS AT ELEVATION +000mm (255.99 GEODETIC) EXCEPT AS CROSSED AND NOTED. ELEVATIONS FOR AREAS CROSSED AND NOTED ARE TO BE FOUND FROM FINISHED FLOOR ELEVATION 0000mm
2. ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOIL, OR ENGINEERED FILL AS APPROVED BY THE GEOTECHNICAL CONSULTANTS CAPABLE OF SUPPORTING AN ASSUMED 150kpa (SL5) AND 250kpa (UL5). BEARING CAPACITY MUST BE CONFIRMED BY GEOTECHNICAL CONSULTANTS.
3. VERIFY SITE SERVICES PRIOR TO PROCEEDING WITH WORK. NOTIFY CONSULTANTS OF ANY DISCREPANCIES. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. LOWER FOOTINGS TO ACCOMMODATE NEW FOOTINGS, MECHANICAL, ELECTRICAL, OR CIVIL SERVICES. SEE MECHANICAL, ELECTRICAL AND CIVIL DRAWINGS FOR ELEVATIONS OF SAME. FOOTINGS ARE NOT TO BE UNDERMINED BY EXCAVATION FOR SERVICES PITS, ETC.
5. PROTECT ALL EXISTING SUB GRADE SERVICES DURING INSTALLATION OF FOUNDATIONS.
6. REFER TO GENERAL NOTES AND TYPICAL DETAILS ON DRAWINGS S100 SERIES FOR ADDITIONAL INFORMATION
7. ALL FOOTINGS TO BE CENTERED UNDER WALLS EXCEPT AS NOTED ON PLAN.
PROVIDE SLAB THICKENING AS PER DETAIL 4/S101 FOR ALL INTERIOR NON LOAD BEARING WALLS EXCEPT
8. PROVIDE DOWELS IN FOOTINGS TO MATCH ALL VERTICAL WALL REINFORCEMENT.
9. PLACE ALL CONCRETE SLAB ON GRADE ON 150mm COMPACTED GRANULAR 'A' SUB BASE COMPACTED TO 100% SPMD.
10. CONTRACTOR TO PROVIDE PROPOSED SAWCUT LAYOUT IN CONFORMANCE WITH THE TYPICAL DETAIL AND LIMITATIONS FOR REVIEW.
11. REMOVE ALL TOP SOIL, LOOSE AND WET SOILS, ORGANICS AND FILL TO SUITABLE NATIVE SUBGRADE MATERIAL, AS APPROVED BY GEOTECHNICAL ENGINEER THROUGHOUT PROJECT AREAS WITH THE EXTENTS DETERMINED BY THE PROJECT GEOTECHNICAL REPORT. THE EXISTING SUBGRADE MUST BE PROOF-ROLLED AND COMPACTED PRIOR TO BACKFILLING, REFER TO GEOTECHNICAL REPORT FOR REQUIREMENTS.

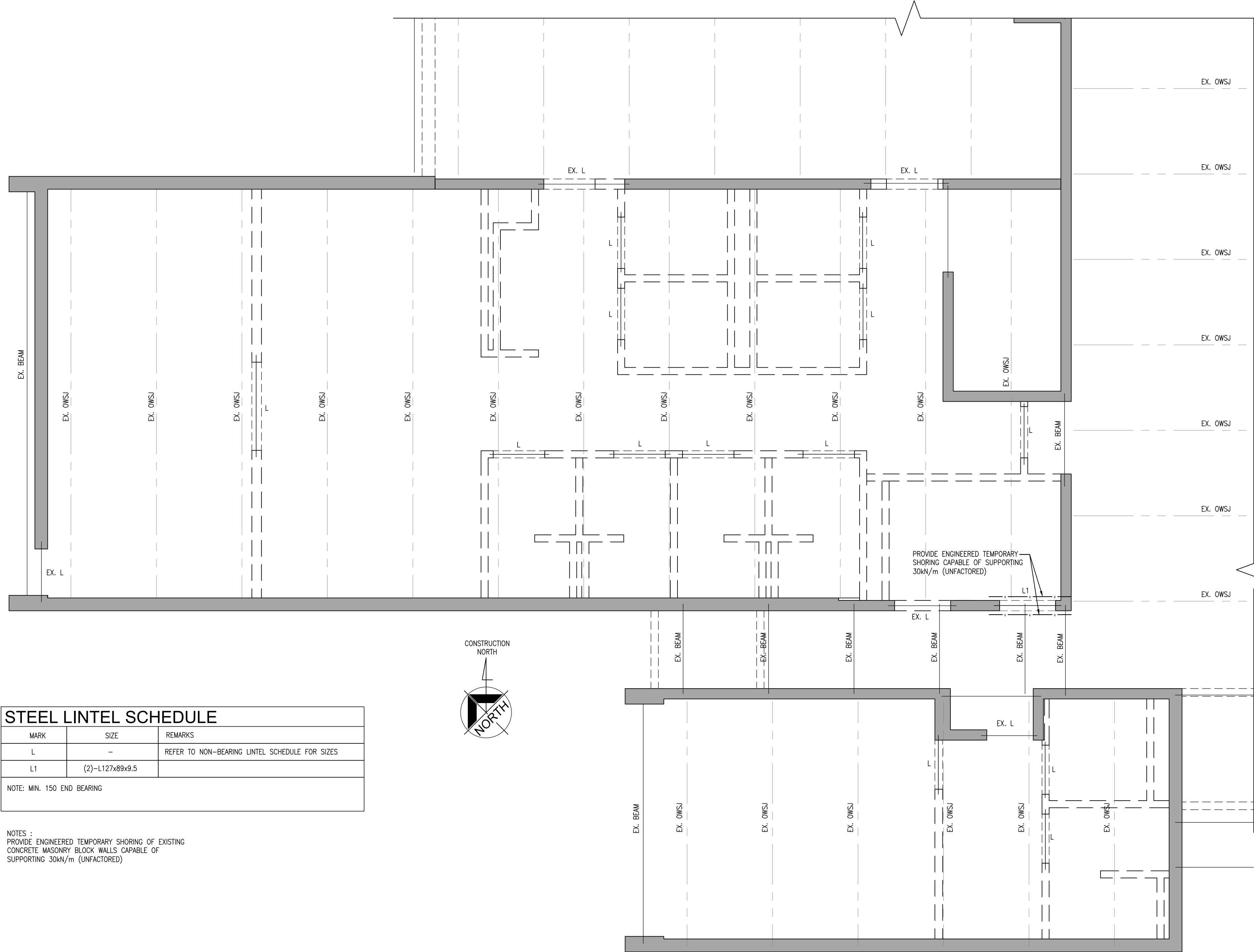


ROOF FRAMING NOTES:

1. UNDERSIDE OF STEEL DECK (HIGH POINT) IS AT ELEVATION +3400mm (213.23 GEODETIC) EXCEPT AS CROSSED AND NOTED. ELEVATIONS FOR AREAS NOTED ARE TO BE READ FROM ELEVATION +3400mm.
2. TOP OF STRUCTURAL STEEL BEAMS ARE AT ELEVATION +3400mm AND ARE TO BE READ FROM ELEVATION +3400mm.
3. ELEVATIONS TO TOP OF STEEL JOISTS ARE BASED ON AN ASSUMED JOIST SHOE DEPTH OF 100mm.
4. ROOF FRAMING DESIGN LOADS:
- DEAD LOAD:
- | | |
|---------------------|-----------|
| ROOFING w/ INSUL | = 0.60kPa |
| STEEL DECK | = 0.10kPa |
| FRAMING | = 0.25kPa |
| M/E | = 0.25kPa |
| CEILING/ INSULATION | = 0.20kPa |
| | 1.40kPa |
- GROUND SNOW LOAD: Ss= 1.8 kPa; Sr= 0.4 kPa (OSHAWA)
Ss= 1.5 kPa (INCLUDING Is)
SEE PLAN.
- SNOW ACCUMULATION LOAD: SEE PLAN.
- WIND LOAD : q(z): 0.48 kPa (OSHAWA)
SEE PLAN.
- RTU WEIGHTS: SEE PLAN.
- IMPORTANCE CATEGORY FOR THIS BUILDING IS NORMAL AS OBC TABLE 4.1.2.1 (3)

WALL THICKNESS	CLEAR SPAN					DETAIL
	UP TO 1200	1200 TO 1800	1800 TO 2400	2400 TO 3000	3000 TO 4500	
90 VENEER	1-L89x89x6.4	1-L127x89x6.4 (LLV)	1-L127x89x7.9 (LLV)	1-L152x89x9.5 (LLV)	SEE NOTE #4	L
140	2-L64x64x6.4	2-L89x64x6.4	2-L89x64x7.9	2-L89x64x9.5	W200x27	64 LEGS HORIZ
190	2-L89x76x6	2-L89x89x6	2-L100x89x8	1-L127x89x8	W200x36+180x12 CONT TOP PLATE	89 LEGS HORIZ
240	1-L102x76x6.4+ 1-L127x76x6.4	1-L102x102x6+ 1-L127x76x6	1-L102x102x8+ 1-L127x89x8	1-L102x152x8+ 1-L127x127x8	W200x46+230x12 CONT TOP PLATE	102 & 127 LEGS HORIZ
290	3-L89x76x6.4 (LLV)	3-L89x89x6.4	3-L102x89x7.9 (LLV)	3-L127x89x7.9 (LLV)	W200x52+280x12 CONT TOP PLATE	

- NOTES
1. CONNECT ANGLES AT 600 C/C BY WELDING OR BOLTING FOR ANGLES WITH A TOTAL LENGTH OF 1800 OR MORE. USE 16# BOLTS OR 6x50 LONG WELDS.
2. USE SCHEDULES FOR LINTELS OVER MECH OPENINGS IN ALL MASONRY WALLS UNLESS NOTED OTHERWISE ON PLAN. REFER TO MECH DWGS FOR LOCATIONS.
3. OPENINGS TO BE LOCATED MIN 3 COURSES BELOW UNDERSIDE OF SLAB UNLESS APPROVED BY STRUCTURAL ENGINEER.
4. FOR DOUBLE WYTHE WALLS PROVIDE 10mm GUSSETS @ 800 C/C STEEL LINTEL SUPPORT BLOCK ABOVE PLUS CONT. 320x10mm BOT PLATE.



MARK	SIZE	REMARKS
L	-	REFER TO NON-BEARING LINTEL SCHEDULE FOR SIZES
L1	(2)-L127x89x9.5	

NOTE: MIN. 150 END BEARING

NOTES :

PROVIDE ENGINEERED TEMPORARY SHORING OF EXISTING CONCRETE MASONRY BLOCK WALLS CAPABLE OF SUPPORTING 30kN/m (UNFACTORED)

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NO.	ISSUES	DATE	BY
1	REVISION SET 30%	SEPT. 03, 2024	BBA
2	ISSUED FOR 90% REVIEW	OCT. 24, 2024	BBA
3	ISSUED FOR PERMIT & TENDER	DEC. 13, 2024	BBA

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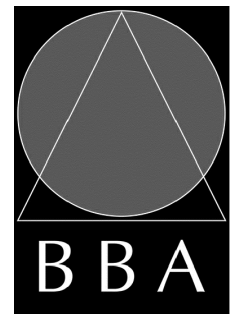
PROJECT:

FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

PART ROOF FRAMING PLAN



BARRY BRYAN ASSOCIATES

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DATE: OCT. 2024
SCALE: AS NOTED
FILE: 24103 S201-202

PROJECT NO:

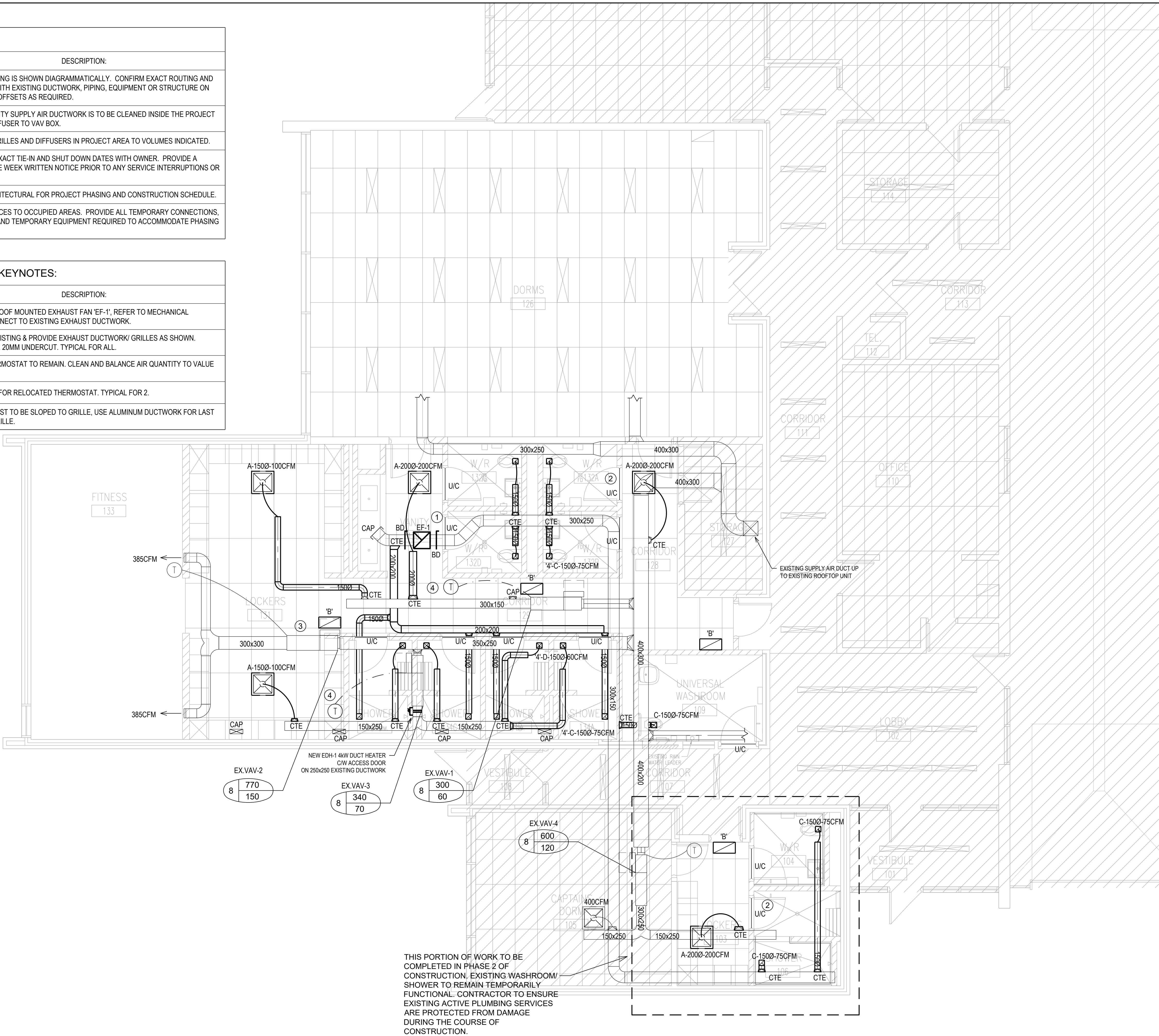
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S202

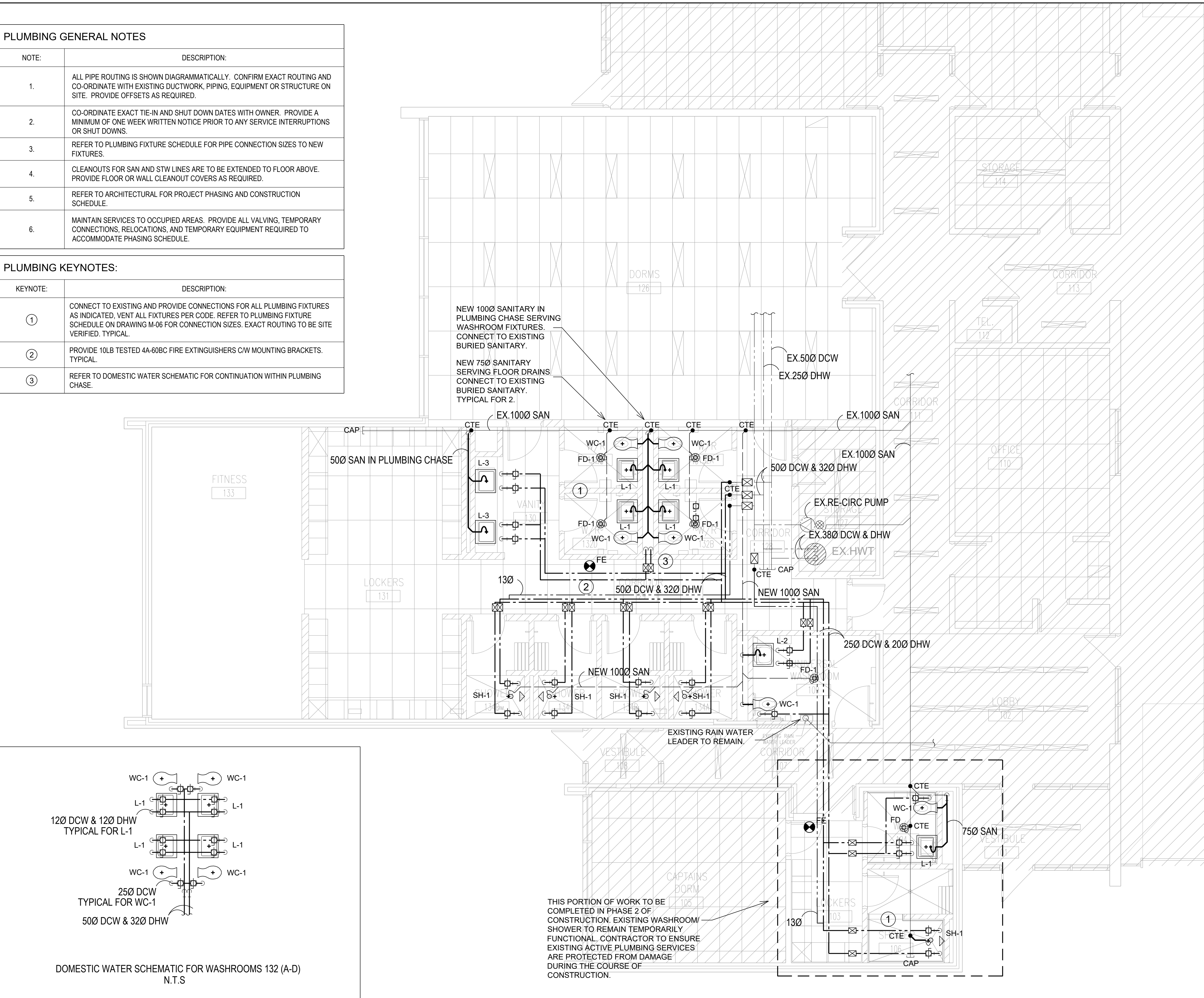
HVAC GENERAL NOTES	
NOTE:	DESCRIPTION:
1.	ALL DUCT ROUTING IS SHOWN DIAGRAMMATICALLY. CONFIRM EXACT ROUTING AND CO-ORDINATE WITH EXISTING DUCTWORK, PIPING, EQUIPMENT OR STRUCTURE ON SITE. PROVIDE OFFSETS AS REQUIRED.
2.	ALL LOW VELOCITY SUPPLY AIR DUCTWORK IS TO BE CLEANED INSIDE THE PROJECT AREA FROM DIFFUSER TO VAV BOX.
3.	BALANCE ALL GRILLES AND DIFFUSERS IN PROJECT AREA TO VOLUMES INDICATED.
4.	CO-ORDINATE EXACT TIE-IN AND SHUT DOWN DATES WITH OWNER. PROVIDE A MINIMUM OF ONE WEEK WRITTEN NOTICE PRIOR TO ANY SERVICE INTERRUPTIONS OR SHUT DOWNS.
5.	REFER TO ARCHITECTURAL FOR PROJECT PHASING AND CONSTRUCTION SCHEDULE.
6.	MAINTAIN SERVICES TO OCCUPIED AREAS. PROVIDE ALL TEMPORARY CONNECTIONS, RELOCATIONS, AND TEMPORARY EQUIPMENT REQUIRED TO ACCOMMODATE PHASING SCHEDULE.

HVAC CONSTRUCTION KEYNOTES:	
KEYNOTE:	DESCRIPTION:
①	PROVIDE NEW ROOF MOUNTED EXHAUST FAN 'EF-1', REFER TO MECHANICAL SCHEDULE. CONNECT TO EXISTING EXHAUST DUCTWORK.
②	CONNECT TO EXISTING & PROVIDE EXHAUST DUCTWORK/ GRILLES AS SHOWN. DOORS TO HAVE 20MM UNDERCUT. TYPICAL FOR ALL.
③	EX.VAV-2 & THERMOSTAT TO REMAIN. CLEAN AND BALANCE AIR QUANTITY TO VALUE INDICATED.
④	NEW LOCATION FOR RELOCATED THERMOSTAT. TYPICAL FOR 2.
⑤	SHOWER EXHAUST TO BE SLOPED TO GRILLE, USE ALUMINUM DUCTWORK FOR LAST 5' OF RUN TO GRILLE.



PLUMBING GENERAL NOTES	
NOTE:	DESCRIPTION:
1.	ALL PIPE ROUTING IS SHOWN DIAGRAMMATICALLY. CONFIRM EXACT ROUTING AND CO-ORDINATE WITH EXISTING DUCTWORK, PIPING, EQUIPMENT OR STRUCTURE ON SITE. PROVIDE OFFSETS AS REQUIRED.
2.	CO-ORDINATE EXACT TIE-IN AND SHUT DOWN DATES WITH OWNER. PROVIDE A MINIMUM OF ONE WEEK WRITTEN NOTICE PRIOR TO ANY SERVICE INTERRUPTIONS OR SHUT DOWNS.
3.	REFER TO PLUMBING FIXTURE SCHEDULE FOR PIPE CONNECTION SIZES TO NEW FIXTURES.
4.	CLEANOUTS FOR SAN AND STW LINES ARE TO BE EXTENDED TO FLOOR ABOVE. PROVIDE FLOOR OR WALL CLEANOUT COVERS AS REQUIRED.
5.	REFER TO ARCHITECTURAL FOR PROJECT PHASING AND CONSTRUCTION SCHEDULE.
6.	MAINTAIN SERVICES TO OCCUPIED AREAS. PROVIDE ALL VALVING, TEMPORARY CONNECTIONS, RELOCATIONS, AND TEMPORARY EQUIPMENT REQUIRED TO ACCOMMODATE PHASING SCHEDULE.

PLUMBING KEYNOTES:	
KEYNOTE:	DESCRIPTION:
①	CONNECT TO EXISTING AND PROVIDE CONNECTIONS FOR ALL PLUMBING FIXTURES AS INDICATED. VENT ALL FIXTURES PER CODE. REFER TO PLUMBING FIXTURE SCHEDULE ON DRAWING M-06 FOR CONNECTION SIZES. EXACT ROUTING TO BE SITE VERIFIED. TYPICAL.
②	PROVIDE 10LB TESTED 4A-60BC FIRE EXTINGUISHERS C/W MOUNTING BRACKETS. TYPICAL.
③	REFER TO DOMESTIC WATER SCHEMATIC FOR CONTINUATION WITHIN PLUMBING CHASE.



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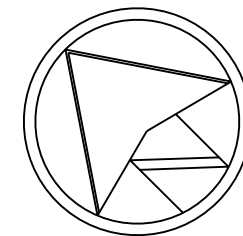
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24100-01

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02	ISSUED FOR 60% REVIEW	24/10/17	DT/ET
03	ISSUED FOR 90% REVIEW	24/10/24	DT/ET
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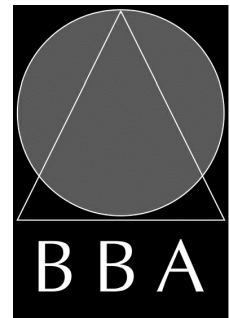


PROJECT:
**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

**PLUMBING
PLAN**



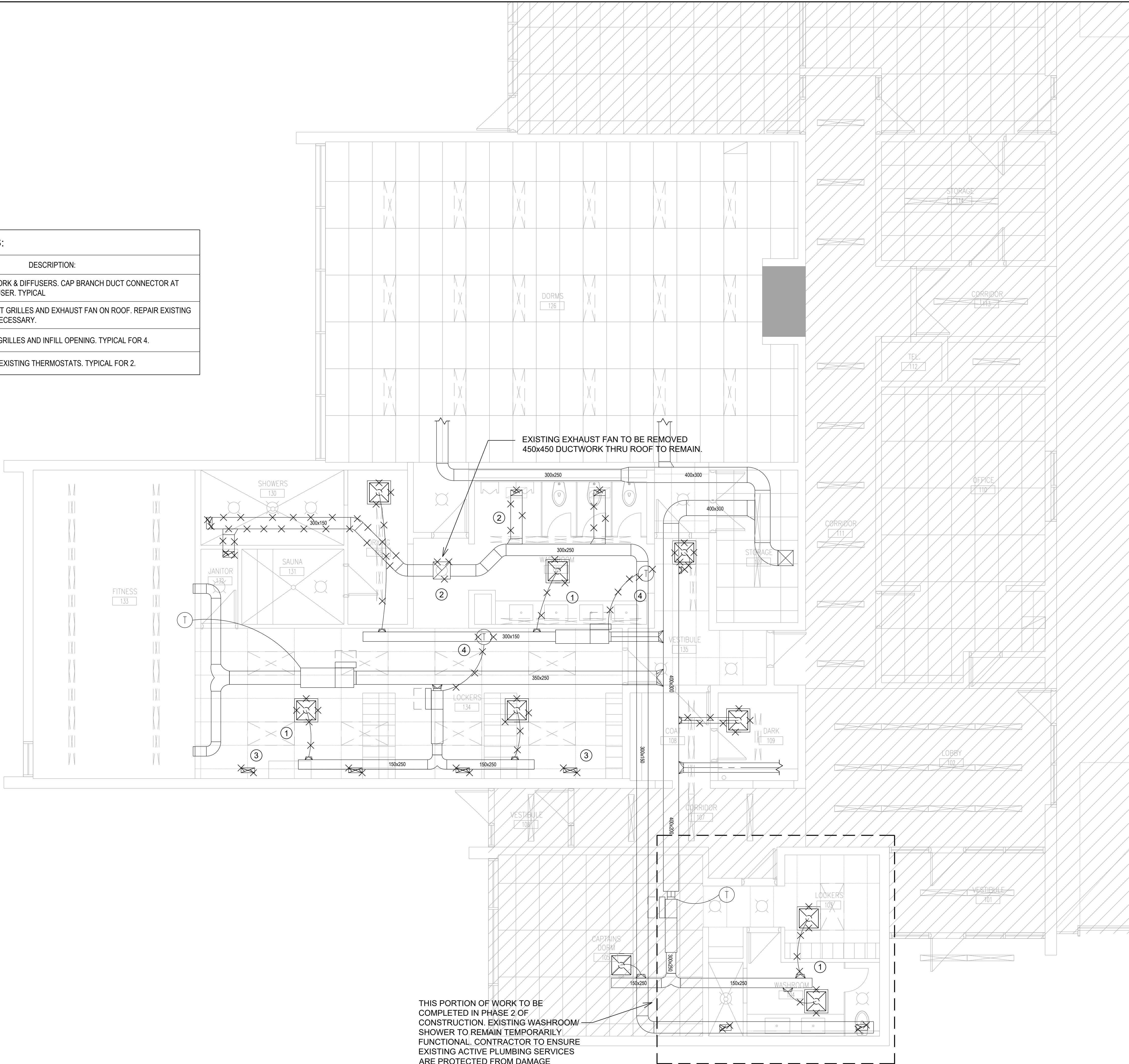
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DATE: 2024-08-16	
SCALE: 1:50	
FILE:	

PROJECT NO:
24160

DRAWING NO:
M-03

HVAC DEMOLITION KEYNOTES:	
KEYNOTE:	DESCRIPTION:
①	REMOVE EXISTING DUCTWORK & DIFFUSERS. CAP BRANCH DUCT CONNECTOR AT MAIN DUCT FOR NEW DIFFUSER. TYPICAL
②	REMOVE EXISTING EXHAUST GRILLES AND EXHAUST FAN ON ROOF. REPAIR EXISTING EXHAUST DUCTWORK AS NECESSARY.
③	REMOVE EXISTING FLOOR GRILLES AND INFILL OPENING. TYPICAL FOR 4.
④	DISCONNECT & RELOCATE EXISTING THERMOSTATS. TYPICAL FOR 2.



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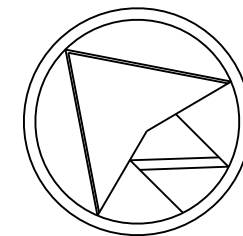
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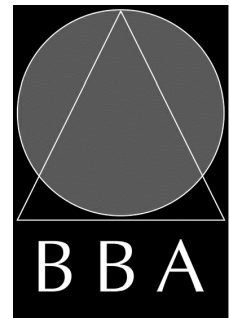
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PROJECT:
**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
**HVAC
DEMOLITION PLAN**



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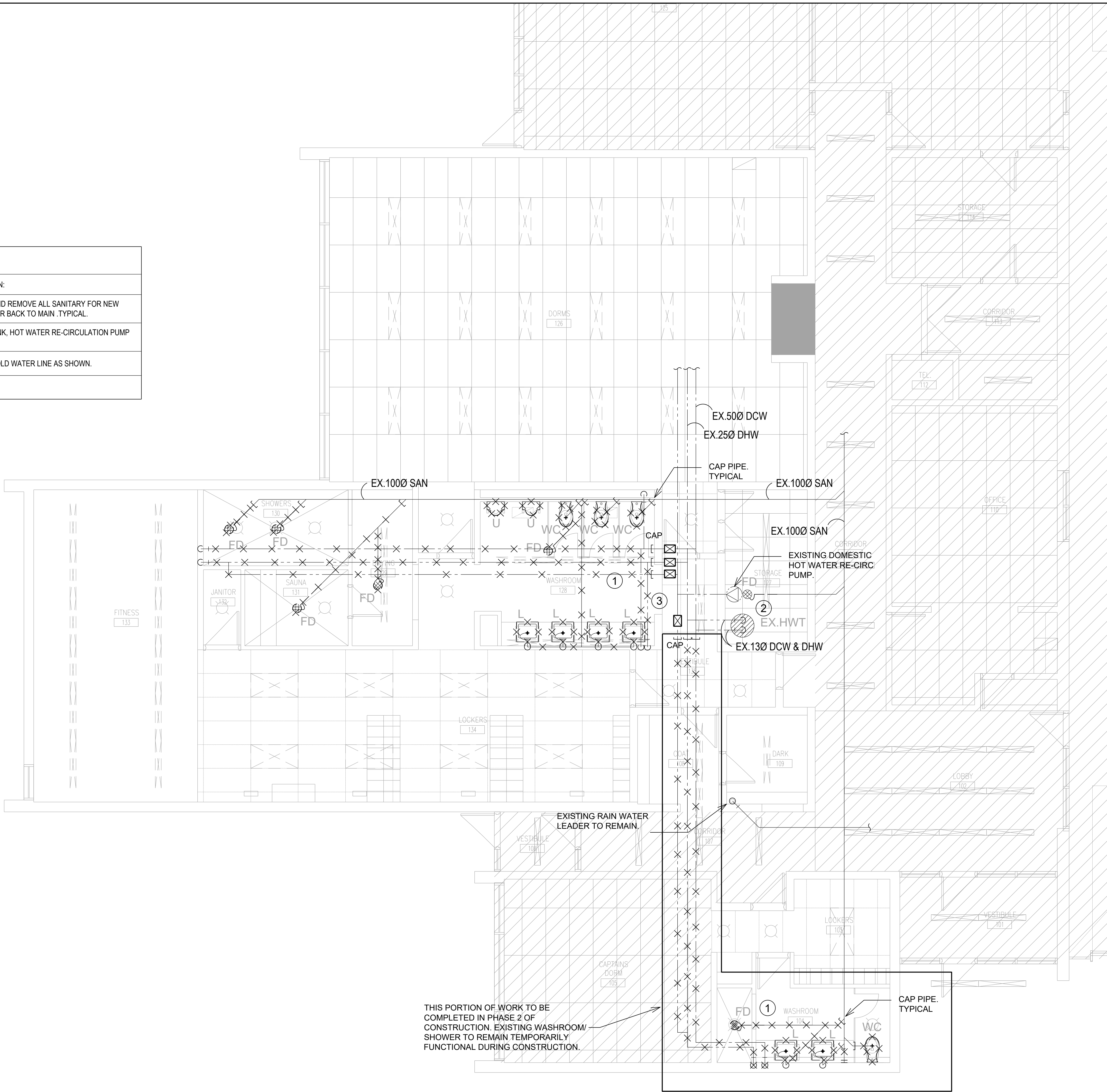
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PROJECT NO:
24160

DRAWING NO:
M-04

PLUMBING DEMOLITION KEYNOTES:

KEYNOTE:	DESCRIPTION:
①	REMOVE AND DISPOSE EXISTING FIXTURES. CAP AND REMOVE ALL SANITARY FOR NEW RENOVATION. CAP DOMESTIC HOT AND COLD WATER BACK TO MAIN .TYPICAL.
②	EXISTING FLOOR DRAIN, GAS FIRED HOT WATER TANK, HOT WATER RE-CIRCULATION PUMP AND ASSOCIATED MAIN PIPING TO REMAIN. TYPICAL
③	CAP AND REMOVE EXISTING DOMESTIC HOT AND COLD WATER LINE AS SHOWN.



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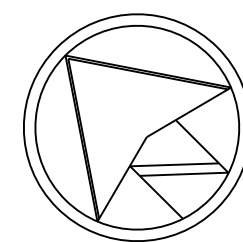
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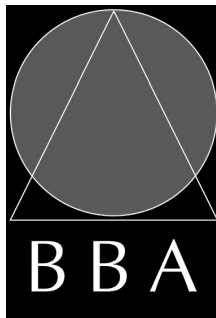


PROJECT:
**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

**PLUMBING
DEMOLITION PLAN**



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24160

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M-05


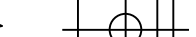
EXISTING VARIABLE AIR VOLUME BOX SCHEDULE (FOR REFERENCE)

REF	MAKE	MODEL NUMBER	UNIT SIZE	AIRFLOW RANGE (CFM)	OUTLET SIZE	NOTES
				MIN/MAX		
EX.VAV-1	NAILOR	D3001	8	60 / 300	300x150	CONTRACTOR TO CLEAN/REPAIR AS NECESSARY TO LIKE NEW CONDITION
EX.VAV-2	NAILOR	D3001	8	150 / 770	300x300	CONTRACTOR TO CLEAN/REPAIR AS NECESSARY TO LIKE NEW CONDITION
EX.VAV-3	NAILOR	D3001	8	70 / 340	250x250	CONTRACTOR TO CLEAN/REPAIR AS NECESSARY TO LIKE NEW CONDITION
EX.VAV-4	NAILOR	D3001	8	120 / 585	300x250	CONTRACTOR TO CLEAN/REPAIR AS NECESSARY TO LIKE NEW CONDITION

EXISTING ROOF-TOP UNIT SCHEDULE (FOR REFERENCE)

[illegible]

REGISTERS, GRILLES & DIFFUSERS SCHEDULE

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>SYMBOL CLARIFICATION</p>  </div> <div style="text-align: center;">  <p>2-A-2000-91</p> </div> <div style="text-align: center;"> <p>2-QUANTITY A-UNIT REFERENCE 2000-UNIT SIZE 94-AIR QUANTITY CFM</p> </div> </div>					
REF.	STYLE	MODEL NO.	MAKE	CLG. TYPE	REMARKS
A	SQUARE DIFFUSER	600X600-SCD-3C-B12	EH. PRICE	DRYWALL	NECK SIZE REFER TO PLAN. C/W VOLUME CONTROL DAMPER
B	EGG CRATE RETURN GRILLE	600X300-80-B12	EH. PRICE	DRYWALL	
C	EGG CRATE EXHAUST GRILLE	TB-80-B12-150x150	EH. PRICE	DRYWALL	ALUMINUM GRILLE WHEN USE IN SHOWER C/W VOLUME CONTROL DAMPER
D	SUPPLY GRILLE	510-150x150	EH. PRICE	DRYWALL	ALUMINUM GRILLE WHEN USE IN SHOWER C/W VOLUME CONTROL DAMPER
E	LINEAR DIFFUSER	TBD3100-1 SLOT-1200MM	EH. PRICE	T-BAR	1500 INLET, 1200 MM LENGTH,C/W YOUNG REGULATOR
F	WALL BOX	WC-4 (1000), OR WC-8(2000)	GREENHECK	SIDE WALL	FOR EXTERIOR USE

FAN SCHEDULE

REF.	LOCATION / SERVING	AIR FLOW L/S (C.F.M.)	E.S.P. in. WC.	MOTOR HP (WATT)	RPM	MANUF.	MODEL	ELECTRICAL			REMARK
								VOLT	PHASE	HZ	
EF-1	WASHROOMS	354 (750)	0.375	1/4	1245	GREENHECK	GB-101	115	1	60	C/W CURB ADAPTER. BELT DRIVE. CONTROL : RUN CONTINUOUSLY

PLUMBING FIXTURE SCHEDULE

FIXTURE SYMBOL	DESCRIPTION	MANUFACTURER / MODEL NO.	CONNECTION SIZES (MM)				TRIM No.	REMARKS
			C.W.	H.W.	DRAIN	VENT		
WC-1	WATER CLOSET WALL HUNG FLUSH VALVE	AMERICAN STANDARD AFWALL MILLENNIUM FLOWISE, MODEL 3351101.020, WALL-HUNG, 1.6 GPF, ELONGATED BOWL. AMERICAN STANDARD ULTIMA SELECTRONIC EXPOSED FLUSH VALVE, 1.28 GPM, FLUSH ELECTRONIC OVER-RIDE BUTTON, HARD-WIRED POWER	25	-	75	32	CENTOCO #820STSFE, 001 HEAVY DUTY SEAT C/W COVER FOR ELONGATED BOWL. SS SWELF- SUSTAINING CHECK HINGS, METAL FLAT WASHERS, SS POSTS AND NUTS. FLOOR FLANGE	FLUSH VALVE CONTROL TO BE ON THE NON-GRAB BAR SIDE. INSTALL AND TRIM VACUUM BREAKER SO SENSOR IS 3-1/2" (90 mm) ABOVE TOILET SEAT. SEAT COVER TO BE INSTALLED AS PER REGIONAL REQUIREMENT AND SENSOR TO BE INSTALLED AT HEIGHT ABOVE COVER OPEN POSITION.
SH-1	SHOWER	CHICAGO FAUCET, MODEL SH-PBI-00-04. PRESSURE BALANCING TUB AND SHOWER SYSTEM WITH SHOWER HEAD, HAND SPRAY AND DIVERTER TUB SPOUT OPTION. ADA, ASME, CSA APPROVED	12	12	50	32	C/W WATTS CA-321 CARRIER.	SUPPLIES : LAWLER 570-86820 BELOW DECK MECHANICAL WATER MIXING VALVE.
L-1	WALL HUNG BASIN VITREOUS CHINA CSA APPROVED WHITE FINISH	AMERICAN STANDARD MODEL: LUCERNE 0356.421.020, CENTER HOLES ONLY. SLOAN SF-2450 -BAT-CP-0.5GPM-MLM-IR-FCTS-F. ELECTRONIC FAUCET, HARD-WIRED POWER, CHROME PLATED FINISH, BRASS CENTER HOLES ONLY C/W SFP-46 (0.5 GPM) VANDAL RESISTANT, NON-AERATING MULTI-LAMINAR FLOW SPRAY OUTLET.	12	12	32	32	MCGUIRE #155WC, OPEN GRID DRAIN. MCGUIRE #LFH170BVRB, POLISHED BRASS FAUCET SUPPLIES. WATTS #CA-411 BASIN CARRIER. MCGUIRE #8872C, P-TRAP.	SUPPLIES : LAWLER 570-86820 BELOW DECK MECHANICAL WATER MIXING VALVE.
L-2	WALL HUNG LAVATORY UNIVERSAL DESIGN WHITE FINISH	AMERICAN STANDARD MODEL: MURRO 0954004EC, CENTER HOLES ONLY. CHICAGO FAUCETS 895-371ABCP DECK MOUNTED MANUAL FAUCET WITH 4" CENTERS. PRESSURE COMPENSATING SOFTFLO AERATOR 2.2 GPM	12	12	32	32	MCGUIRE #155WC, OPEN GRID DRAIN. MCGUIRE #LFH170BVRB, POLISHED BRASS FAUCET SUPPLIES. MCGUIRE #8872C, P-TRAP.	SUPPLIES : LAWLER 570-86820 BELOW DECK MECHANICAL WATER MIXING VALVE.
L-3	DROP IN LAVATORY VITREOUS CHINA CSA APPROVED WHITE FINISH	AMERICAN STANDARD MODEL: 0475047.020, CENTER HOLES ONLY. SLOAN SF-2450 -BAT-CP-0.5GPM-MLM-IR-FCTS-F. ELECTRONIC FAUCET, HARD-WIRED POWER, CHROME PLATED FINISH, BRASS CENTER HOLES ONLY C/W SFP-46 (0.5 GPM) VANDAL RESISTANT, NON-AERATING MULTI-LAMINAR FLOW SPRAY OUTLET.	12	12	32	32	MCGUIRE #155WC, OPEN GRID DRAIN. MCGUIRE #LFH170BVRB, POLISHED BRASS FAUCET SUPPLIES. MCGUIRE #8872C, P-TRAP.	SUPPLIES : LAWLER 570-86820 BELOW DECK MECHANICAL WATER MIXING VALVE.
FD-1	FLOOR DRAIN	WATTS - 200-L REFER TO SPECIFICATIONS- PLUMBING SECTION	-	-	75	32	EPOXY COATED, CAST IRON BODY, VANDAL PROOF WITH PRIMER CONNECTION WITH PLUG	FINISHED FLOOR, SQUARE FLOOR DRAIN. PROVIDE TRAP SEAL PRIMERS.

DOMESTIC HOT WATER HEATERS SCHEDULE (FOR REFERENCE ONLY)

REF.	DESCRIPTION	GAS INPUT MBH (KW)	GAS TRAIN INLET PRESS. (kPa)	AT 100°F (55.5°C)TEMP RISE (G/H)	TANK CAPACITY (US GAL)	MANUFACTURER	MODEL	POWER SUPPLY		
								AMPS	VOLTS	PHASE
DHW-1	EXISTING GAS HOT WATER HEATER	199	-	192.96	76	GSW WATER HEATING	JWSM76199N 118	5	120	1

DUCT HEATER SCHEDULE

REF	MANUFACTURER	kW	MODEL	POWER	REMARKS
EDH-1	THERMOLEC	4	FC-4-10x10-208/1-FT9	208/1	C/W CSR TEMPERATURE CONTROLLER

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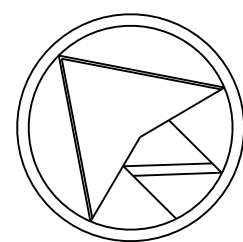
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207, Queen's Quay West, Suite 615
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www.mcw.com

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03	ISSUED FOR 90% REVIEW	24/10/24	DT/ET
04	ISSUED FOR PERMIT/TENDER	24/12/13	DT/ET
05	RE-ISSUED FOR TENDER	25/02/28	DT/ET

100

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NO.	REVISIONS	DATE	BY
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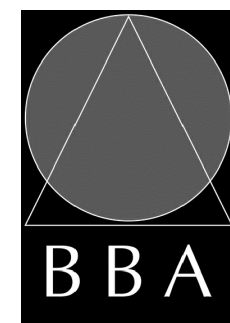
PROJECT:

FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

EQUIPMENT SCHEDULE



BARRY BRYAN
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DATE:
2024-08-16

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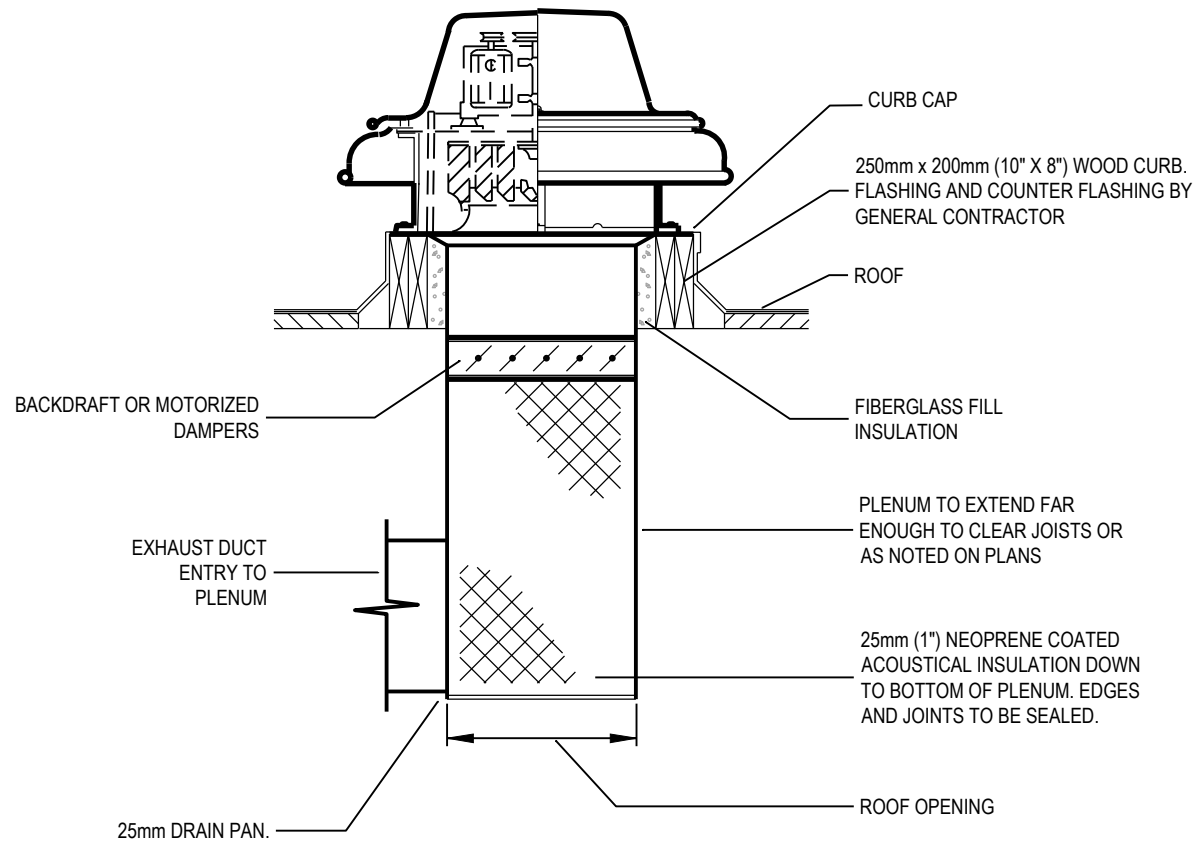
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PROJECT NO.

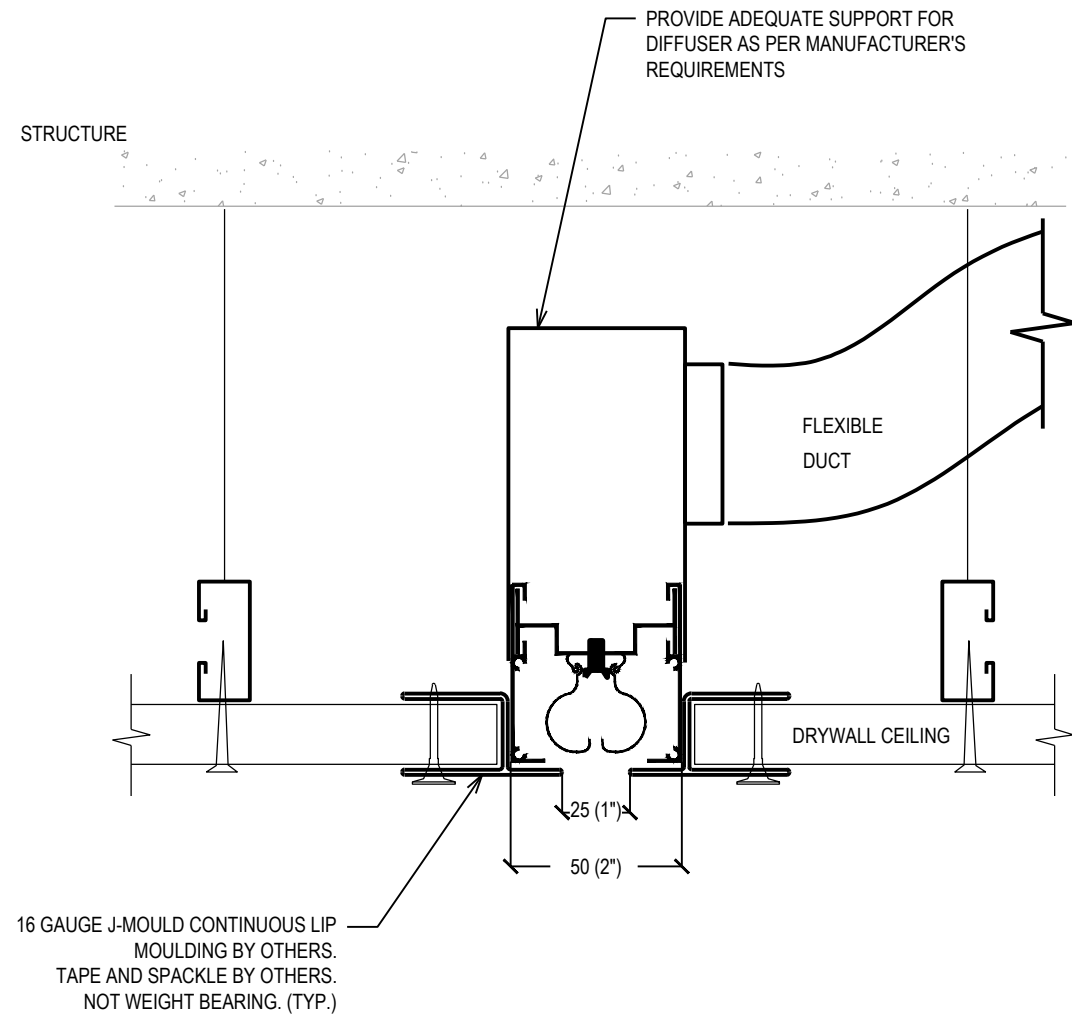
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DRAWING NO.

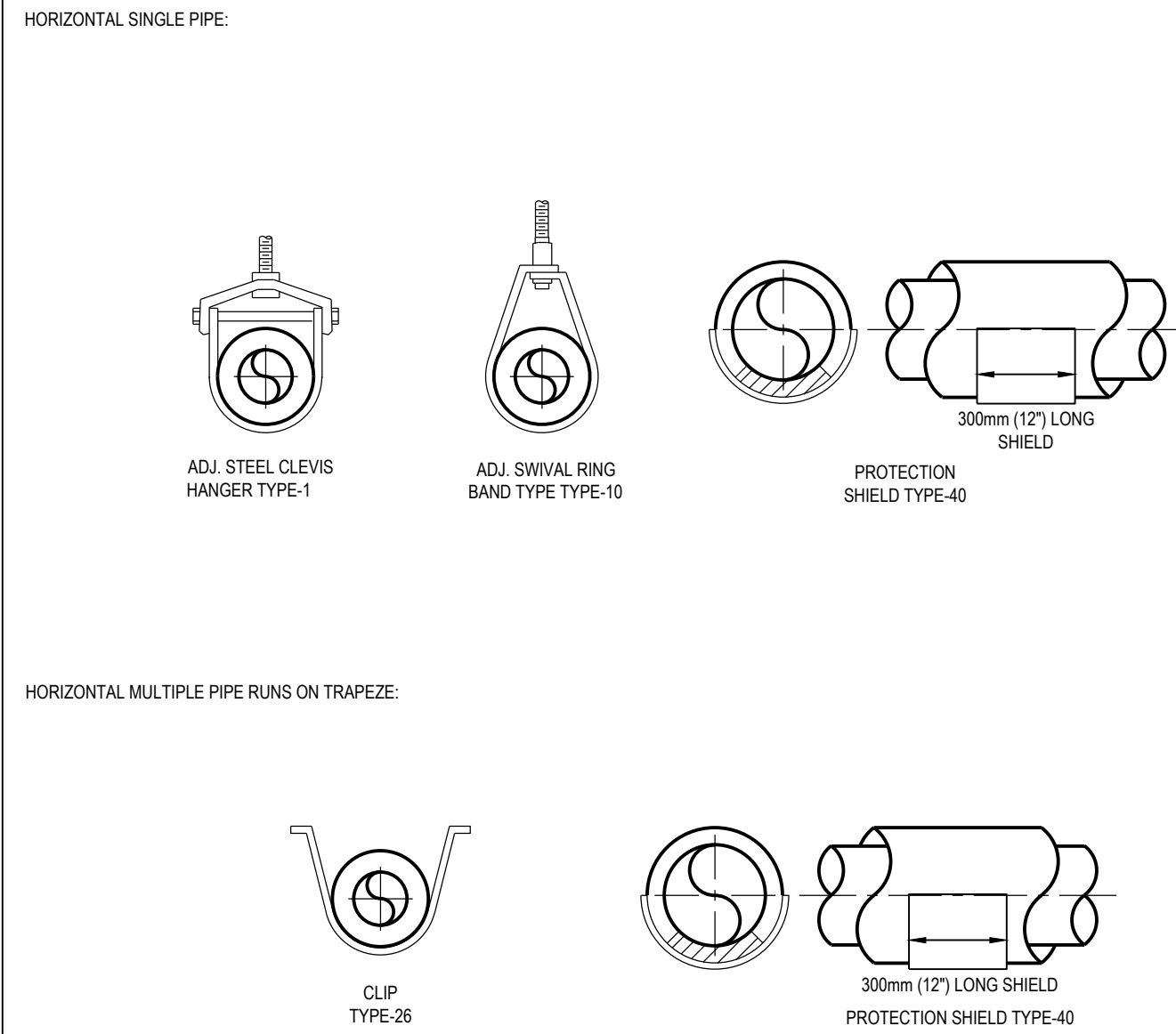
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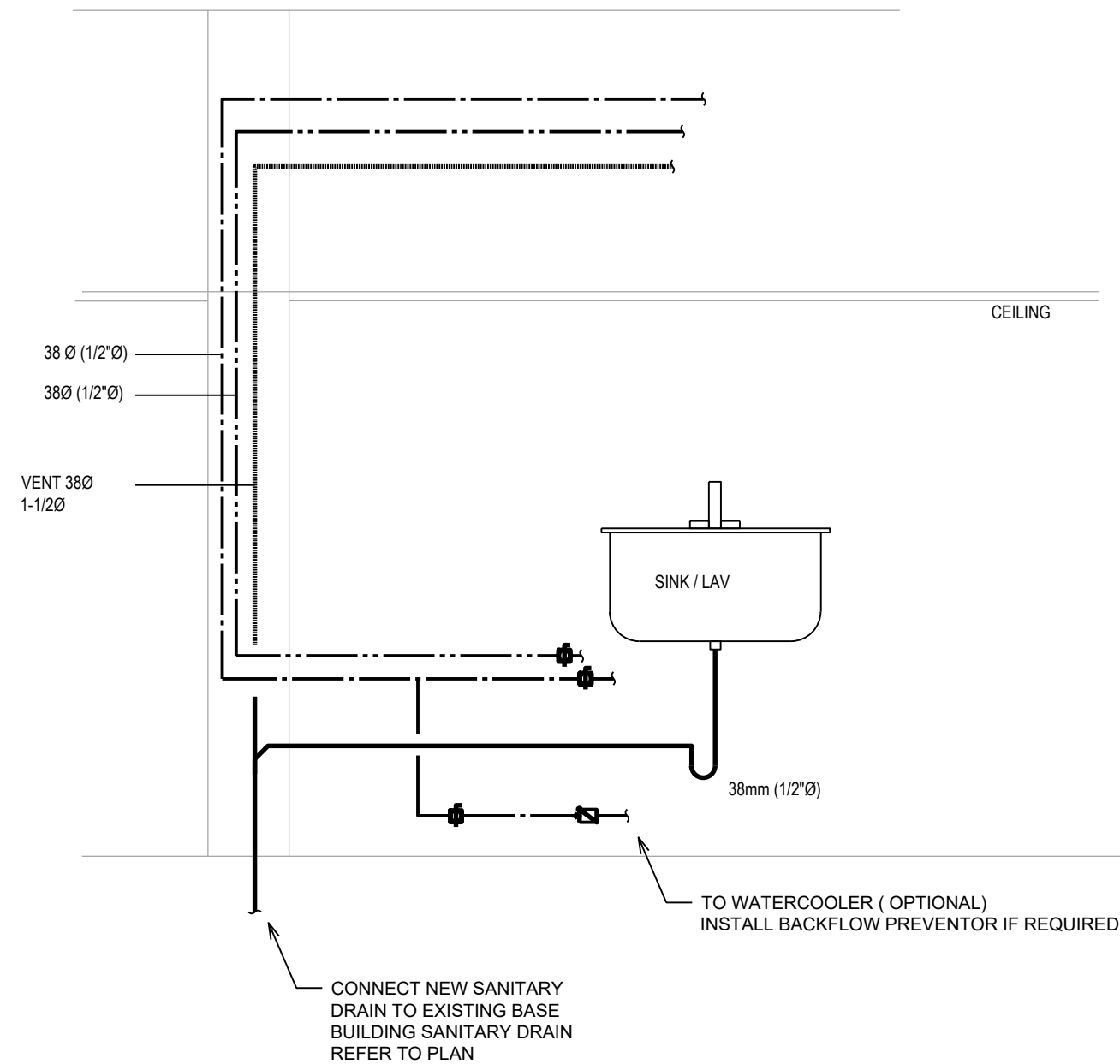
1 ROOF MOUNTED EXHAUST FAN DETAIL
Scale: N.T.S.



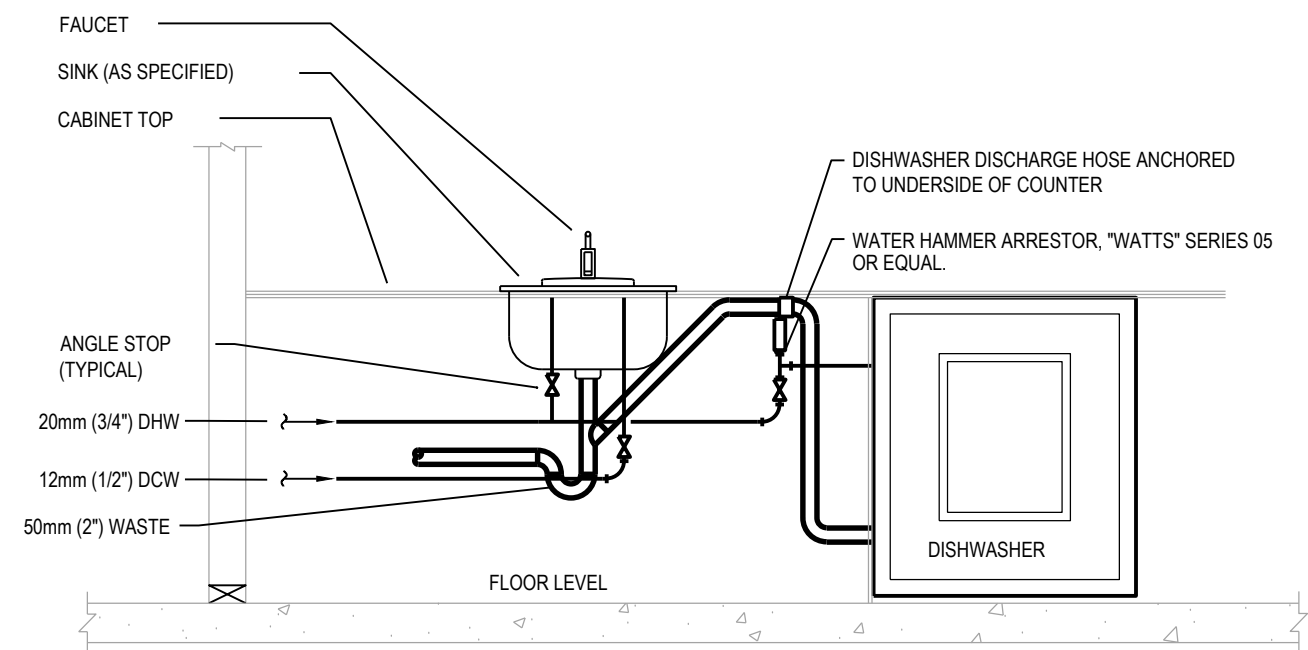
2 LINEAR DIFFUSER & AIRSLOT DETAIL
SCALE: N.T.S.



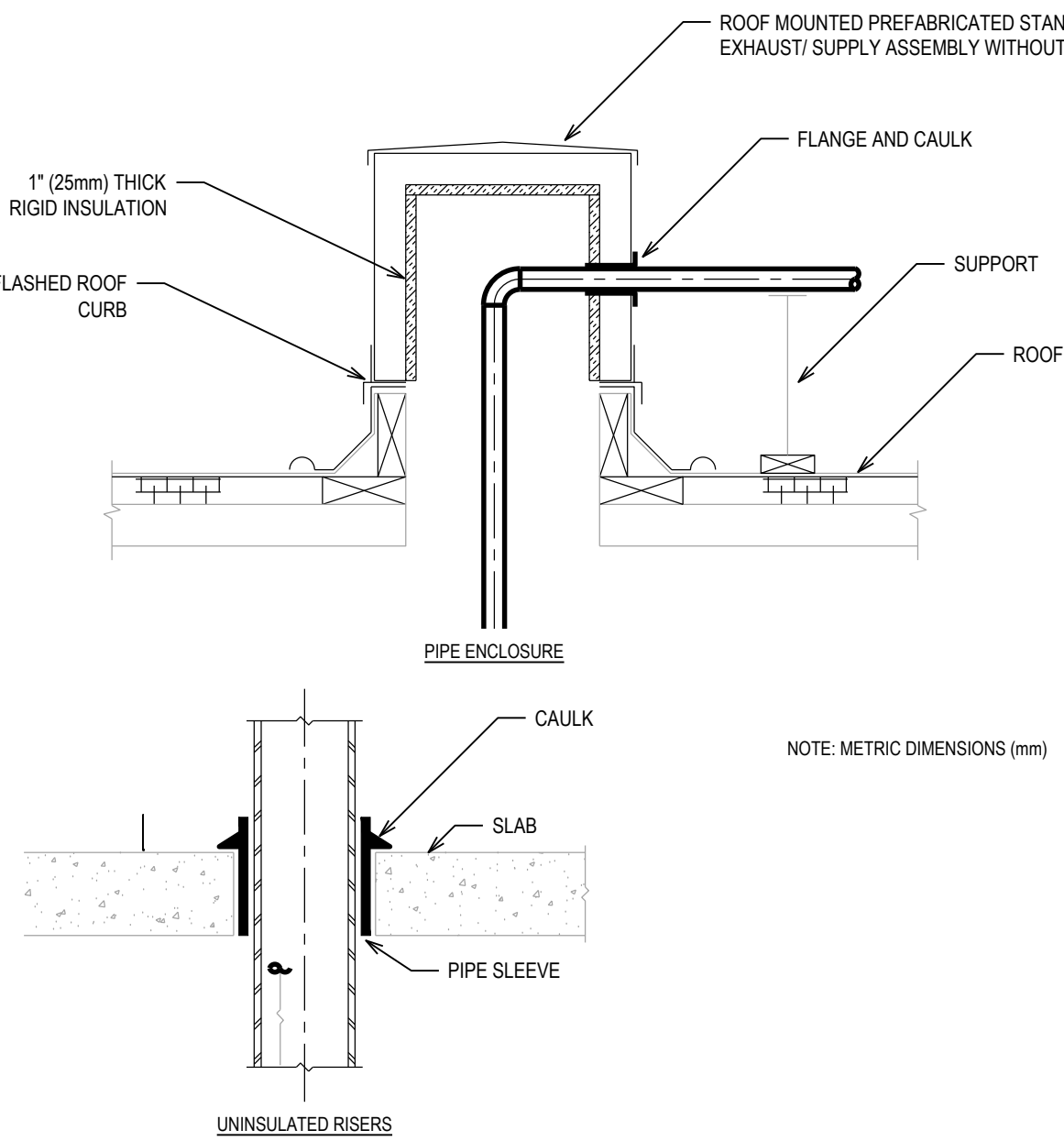
3 HOT AND COLD PIPING 50mm (2") AND SMALLER SYSTEMS UP TO 120°, INSULATED:
Scale: N.T.S.



4 SINK/LAVATORY PLUMBING DETAIL
Scale: N.T.S.



5 DISHWASHER CONNECTION DETAIL
Scale: N.T.S.



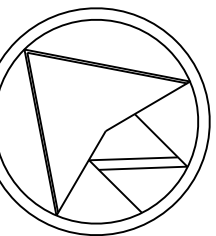
6 METHOD OF PASSING PIPES THROUGH CONCRETE SLABS AND ROOF
SCALE: N.T.S.

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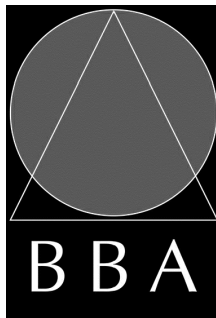
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PROJECT:
FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
MECHANICAL DETAILS



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FILE:	

PROJECT NO:

24160

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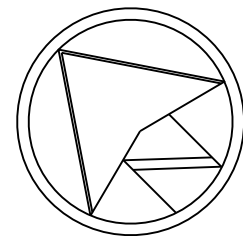
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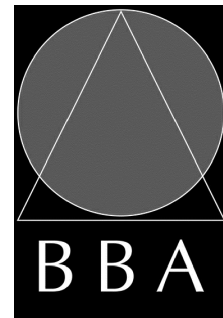


PROJECT:
**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

KEY PLAN



**BARRY BRYAN
ASSOCIATES**

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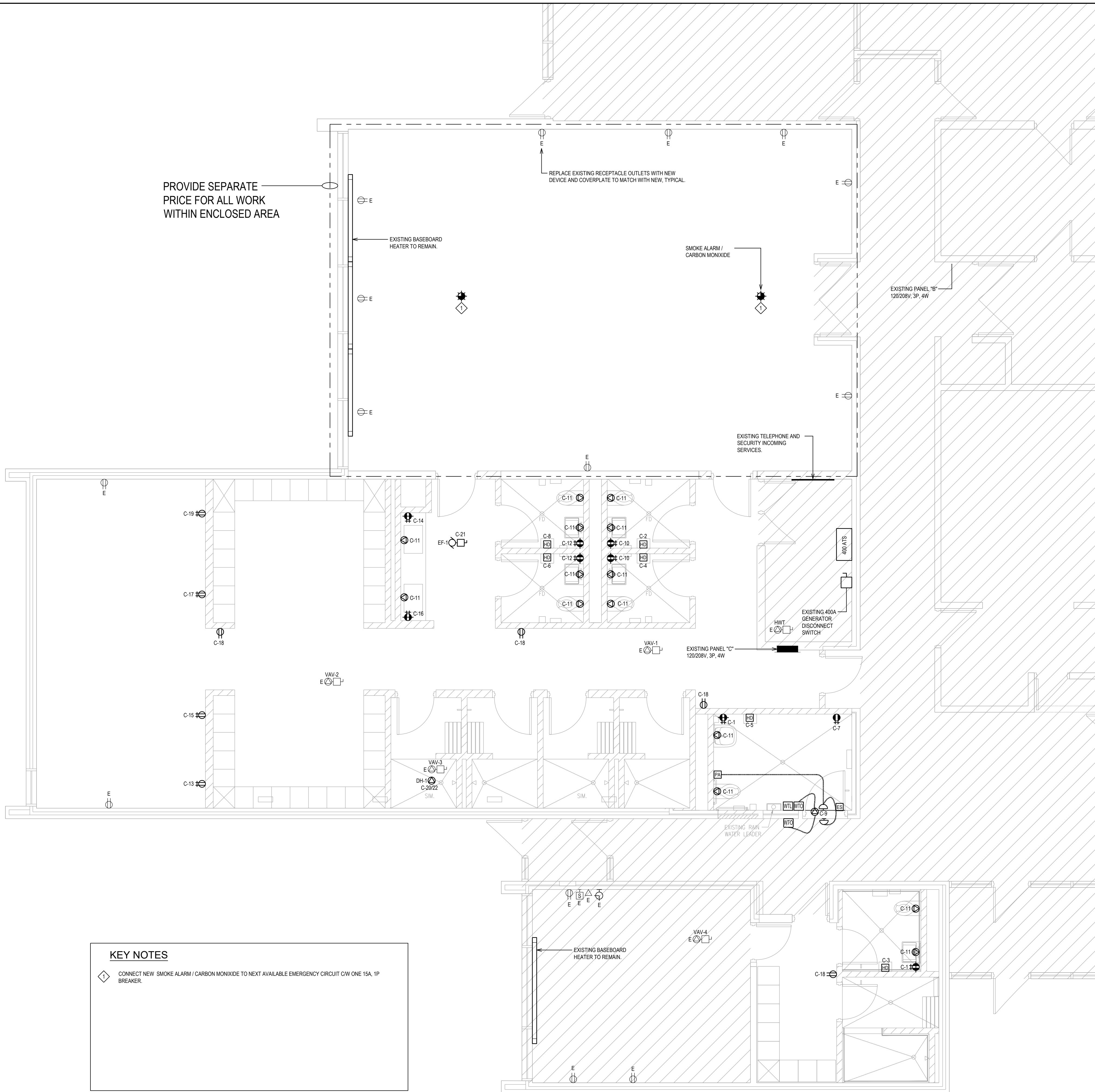
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E0-02



PROVIDE SEPARATE
PRICE FOR ALL WORK
WITHIN ENCLOSED AREA

KEY NOTES

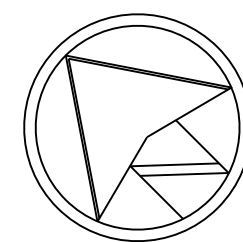
- CONNECT NEW SMOKE ALARM / CARBON MONOXIDE TO NEXT AVAILABLE EMERGENCY CIRCUIT COW ONE 15A, 1P BREAKER.

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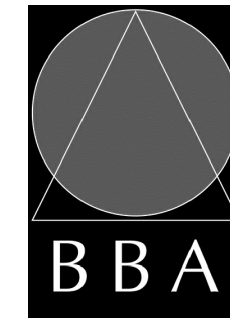


PROJECT:
**FIRE HALL #3 : CHANGE
ROOM MODIFICATIONS**

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

**POWER AND
COMMUNICATIONS PLAN**



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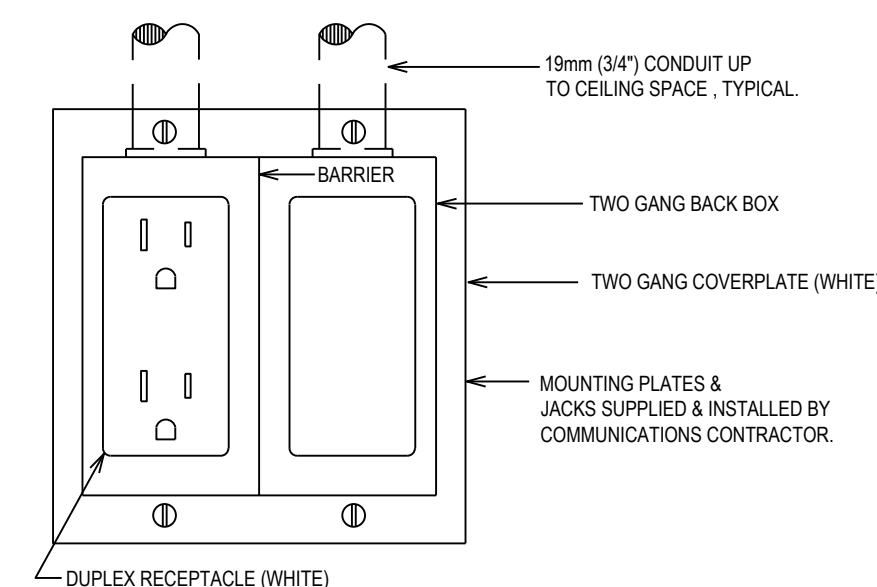
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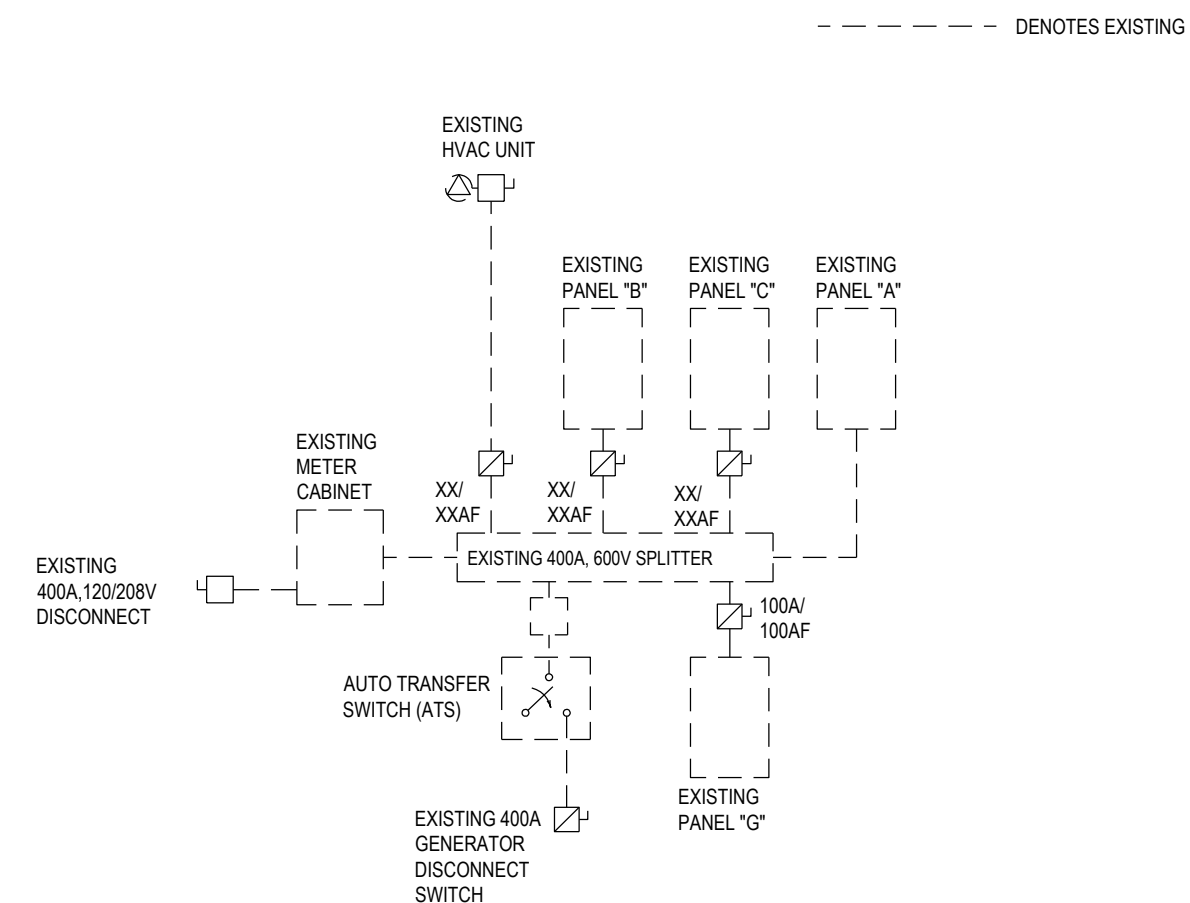
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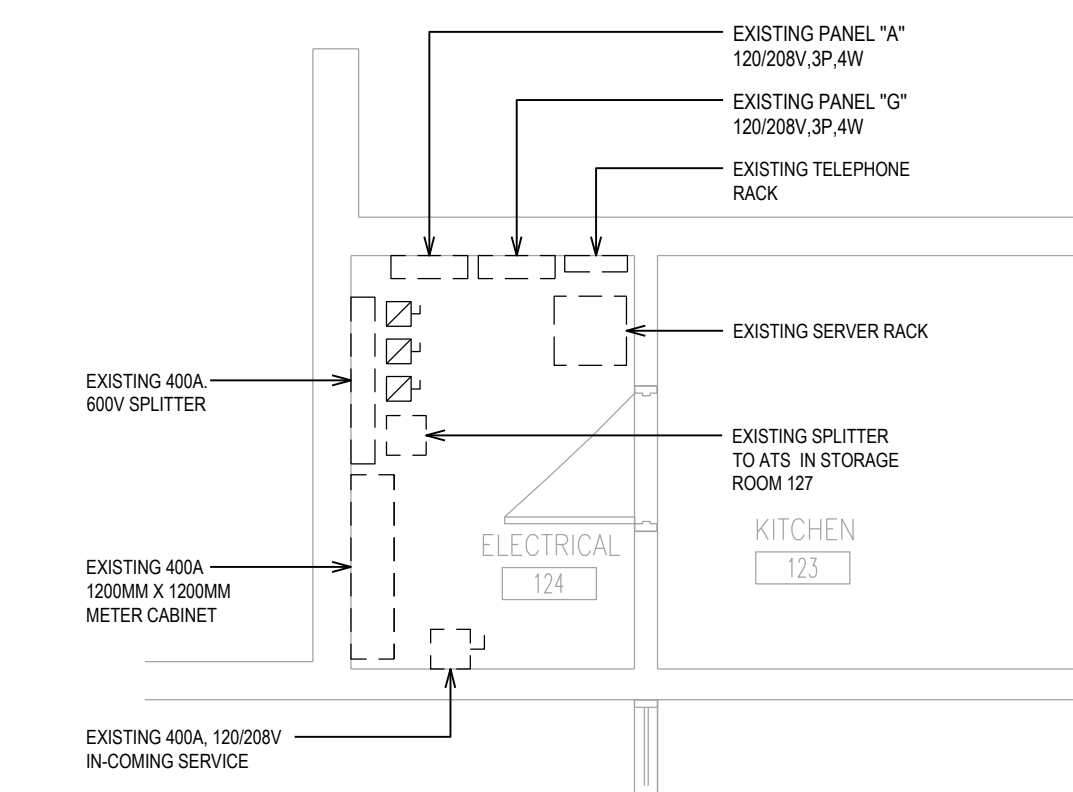


5 POWER AND COMMUNICATIONS WALL GANG OUTLET DETAIL
E2-01 SCALE: N.T.S.



1 SINGLE LINE DIAGRAM
E2.01 SCALE: N.T.S.

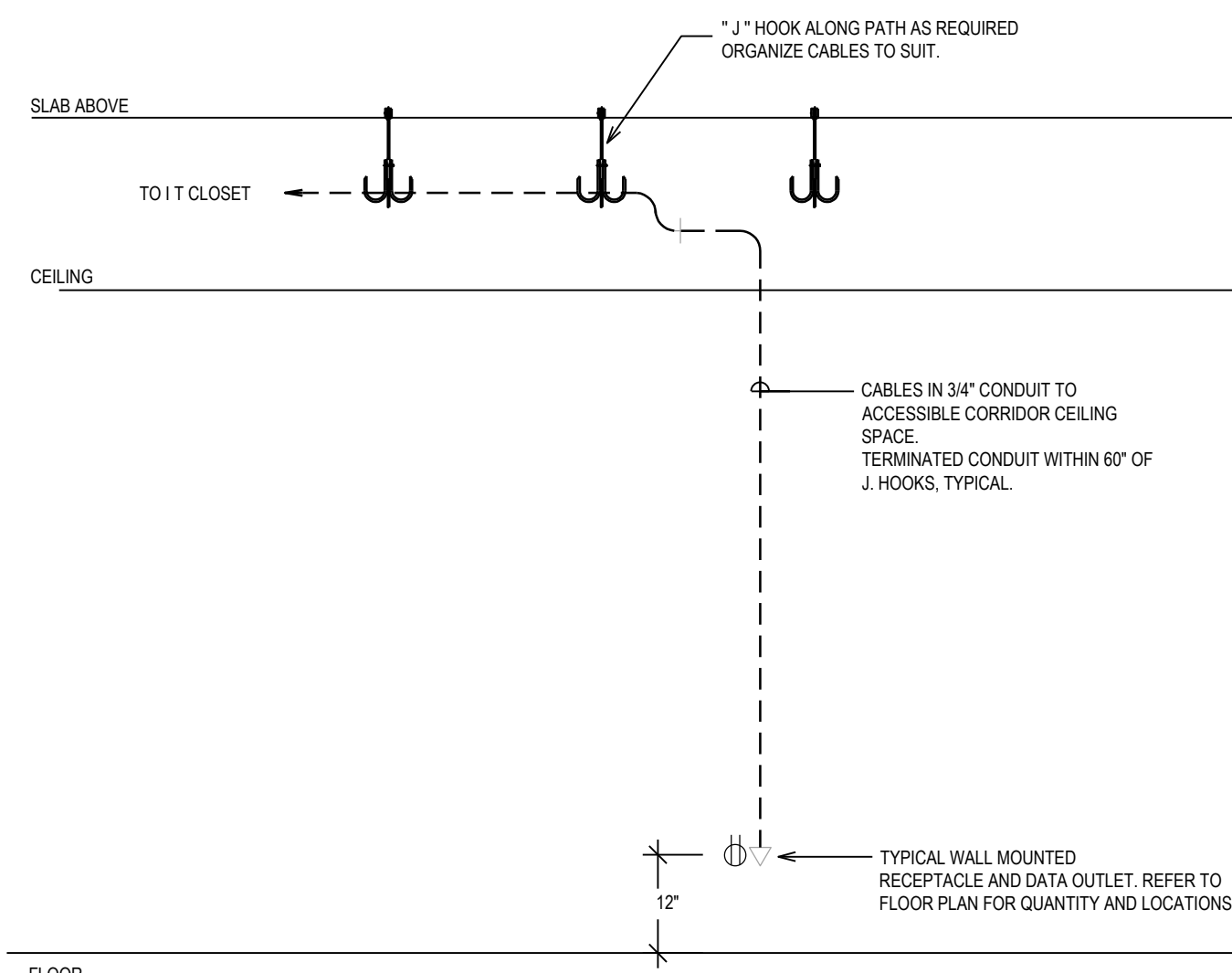
Branch Panel:		Existing R-P-C		CORRIDOR 129		Volts: 120/208		A.I.C. Rating: 10kA						
Location:		EXISTING DISC. SW.		RECESSED		Phase: 3		Mains Type: MLO						
Supply From:		RECESSED				Wires: 4		Mains Rating: 225A						
Mounting:								MCB Rating:						
Enclosure:														
Note * Lockable breaker														
Shaded Breakers denote existing														
CKT	Load Name	# REC	Trip (A)	Poles	A (VA)	B (VA)	C (VA)	Poles	Trip (A)	# REC	Load Name	CKT		
1	104 & 109 GFI OUTLETS	2	20	1	50	1000			1	20	HAND DRY	2		
3	WASHROOM 104 DRYER		20	1		1000	1000		1	20	HAND DRY	4		
5	WASHROOM 109 DRYER		20	1				1000	0	1	HAND DRY	6		
7	109 CHANGE TABLE OUTLET		20	1	500	1000			1	20	HAND DRY	8		
9	DOOR OPERATOR & CALL ASSIST		15	1		500	500		1	20	GFI OUTLETS	10		
11	TOILETS AND FAUCETS POWER		15	1				200	500	1	20	GFI OUTLETS	12	
13	EXERCISE MACHINE		20	1	700	1000			1	20	GFI OUTLET	14		
15	EXERCISE MACHINE		20	1		700	1000		1	20	GFI OUTLET	16		
17	EXERCISE MACHINE		20	1				700	960	1	15	4	CONVENIENT OUTLETS	18
19	EXERCISE MACHINE		20	1	700	1500							20	
21	EF-1		15	1		187	1500		2	20	DUCT HEATER	22		
23			23	1				0	0	1		24		
25			1	0	0				2	1		26		
27			1			0	0		1			28		
29								0	0	1		30		
31			1	0	0				1			32		
33			1			0	0		1			34		
35			1	0	0			0	0	1		36		
37			1	0	0				1			38		
39			1			0	0		1			40		
41			1					0	0	1		42		
Total Load					6450	6387	3360							
Total Amps					54	53	28							
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Lighting			0		0%		0		TTL Conn. Load (VA)			16197		
Receptacle			1010		70%		707		TTL Est. Load (VA)			11358		
Equipment (largest motor VA)			15187		70%		10631		TTL Conn. Amp (A)			46		
Appliances			0		0%		0		TTL Est. Demand (A)			31		
Others			0		0%		0							
Notes:														



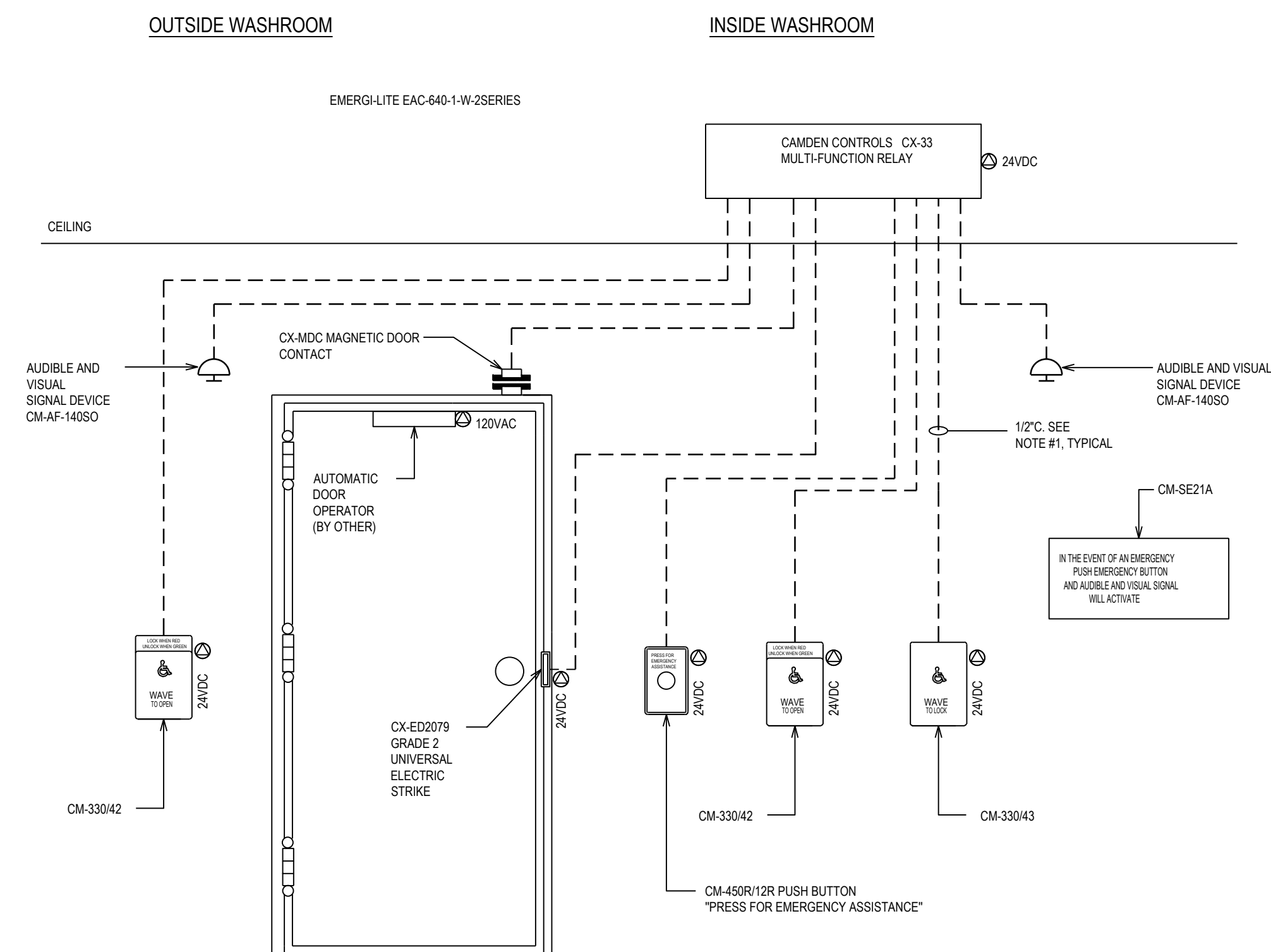
2 ELECTRICAL ROOM LAYOUT
E2-01 SCALE: N.T.S.

LIGHTING FIXTURE SCHEDULE

SYMBOLS	BASE MANUFACTURER (AS SPECIFIED)	MODEL NO.	CEILING TYPE		WALL TYPE		CCT/(CRI)	LUMENS (NMJ.)	WATTAGE	BALLAST VOLTAGE		REMARKS
			SURFACE	RECESSED SUSPENDED	SURFACE	RECESSED				120 V.	347 V.	
	PEERLESS	RECESSED MOUNTED 1'x4' LED CAT# SDL-S-1ACF-14C-40-35K		●				2682	LED 31.75W	●		AVAILABLE: OMNI LUMEN CONTACT: RICK ARDENTE EMAIL: RARDENTE@OMNILUMEN.COM. CELL: 905-706-9789
	PEERLESS	RECESSED MOUNTED 1'x4' LED CAT# PNLG-L-14C-20W-35K		●				2566	LED 19.66W	●		AVAILABLE: OMNI LUMEN CONTACT: RICK ARDENTE EMAIL: RARDENTE@OMNILUMEN.COM. CELL: 905-706-9789
	MATALUMEN	SUSPENDED MOUNTED LED DIRECT CAT# RMD-1-135K-8-MB-L4		●				4425	LED 49.9W	●		AVAILABLE: OMNI LUMEN CONTACT: RICK ARDENTE EMAIL: RARDENTE@OMNILUMEN.COM. CELL: 905-706-9789
	PRESCOLITE	4" DOWNLIGHT LED CAT# LFR-4RD-M-10L3K9XW-DM1_LFR-4RD-T-S		●				947	LED 7.6W	●		AVAILABLE: OMNI LUMEN CONTACT: RICK ARDENTE EMAIL: RARDENTE@OMNILUMEN.COM. CELL: 905-706-9789
	PRESCOLITE	4" DOWNLIGHT LED, W/ET LOCATION CAT# LLFR-4RD-M-15L35K8-DM1_LFR-4RD-T-SH-WTML		●				999	LED 11.8W	●		AVAILABLE: OMNI LUMEN CONTACT: RICK ARDENTE EMAIL: RARDENTE@OMNILUMEN.COM. CELL: 905-706-9789
	COLUMBIA LIGHTING	MULTIPURPOSE LINEAR LED CAT# MPS4-35MW-CW-EU	●					3655	LED 30.4W	●		AVAILABLE: OMNI LUMEN CONTACT: RICK ARDENTE EMAIL: RARDENTE@OMNILUMEN.COM. CELL: 905-706-9789
	EMERG-LITE	GREEN RUNNING MAN EMERGENCY EXIT LIGHT CAT# EA-X-W-1 SELF-POWERED CW ACCESSORIES	●	●	●				5W	●		AVAILABLE: OMNI LUMEN CONTACT: RICK ARDENTE EMAIL: RARDENTE@OMNILUMEN.COM. CELL: 905-706-9789



4 TYPICAL DATA DROP CONDUIT DETAIL
E2-01 SCALE: N.T.S.



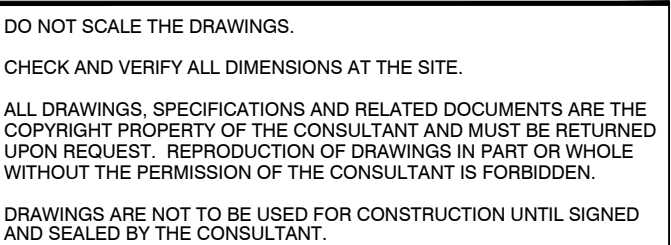
3 UNIVERSAL WASHROOM EMERGENCY CALL SYSTEM
E2-01 SCALE: N.T.S.

- NOTES:

1. THIS ELECTRICAL CONTRACTOR TO PROVIDE ALL WIRING, CONDUIT AND BACKBOXES AS REQUIRED FOR A COMPLETE AND FUNCTION SYSTEM. WIRING SHALL BE RUN IN CONDUIT AS PER DOOR HARDWARE MANUFACTURER'S WIRING REQUIREMENTS.
2. COORDINATE WITH DOOR HARDWARE SUPPLIER FOR INSTALLATION OF ALL DEVICES.
3. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL DEVICES AND PLATES WITH ARCHITECTURAL DRAWINGS AND LOCAL INSPECTOR PRIOR TO ROUGH-IN.
4. LETTERS FOR SIGNAGE SHALL BE AT LEAST 25mm HIGH WITH A 5mm STROKE WITH SIGN POSTED ABOVE THE EMERGENCY BUTTON.

THE DOOR TO THE UNIVERSAL WASHROOM
SHALL OPERATE AS FOLLOWS:

1. THE DOOR IS NORMALLY CLOSED AND UNLOCKED.
2. PRESSING THE EXTERIOR "PUSH TO OPEN" AURA PUSH PLATE TO OPEN THE DOOR.
3. ONCE INSIDE AND DOOR IS CLOSED, PRESSING THE ILLUMINATED "PUSH TO LOCK" AURA PUSH PLATE, CHANGES THE COLOUR TO RED AND LOCK THE DOOR.
4. PRESS THE INTERIOR "PUSH TO UNLOCK" AURA PUSH PLATE TO UNLOCK THE DOOR TO EXIT.
5. THE "PUSH TO LOCK" AURA PUSH PLATE SWITCH ILLUMINATED RING TURNS GREEN AND THE EXTERIOR "PUSH TO OPEN" AURA PUSH PLATE OUTER RING TURNS GREEN.
6. IF THE DOOR IS OPENED MANUALLY TO EXIT THE UNIVERSAL, WASHROOM, THE OVERHEAD MAGNETIC CONTACT SWITCH, RESETS THE SYSTEM.
7. UPON ACTIVATION OF THE EMERGENCY CALL BUTTON, THE LED ANNUNCIATOR AND SOUNDS WITHIN THE WASHROOM AND THE AUDIBLE AND VISUAL ALARMS ARE ACTIVATED AND THE DOOR IS DE-ENERGIZED AND UNLOCKED.
8. EMERGENCY ACCESS, THE DOOR CAN ALSO BE OPENED FROM OUTSIDE BY A MASTER KEY.



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03	ISSUED FOR 90% REVIEW	24/10/24	DT/ET
04	ISSUED FOR PERMIT / TENDER	24/12/13	DT/ET

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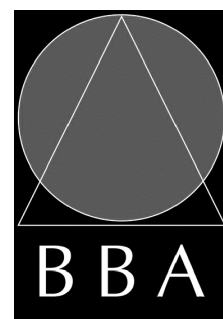
PROJECT:

FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:

SINGLE LINE DIAGRAM, SCHEDULES AND DETAILS



BARRY BRYAN
ASSOCIATES

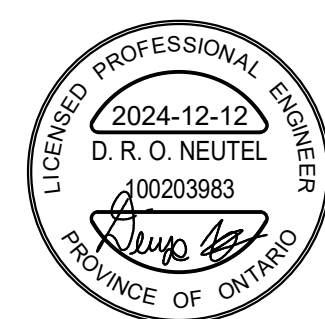
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PROJECT NO:

24160



DESIGN BY:
DT

DRAWN BY:
DT

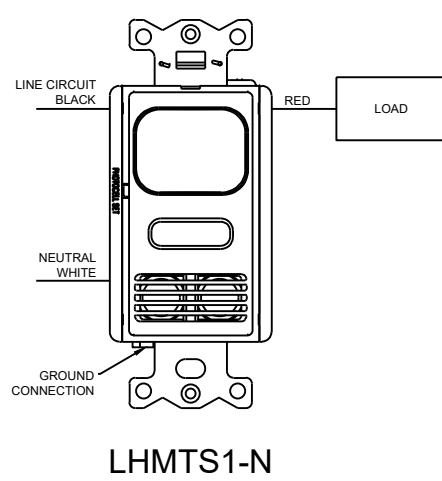
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DATE:
2024-08-16

SCALE:
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FILE:

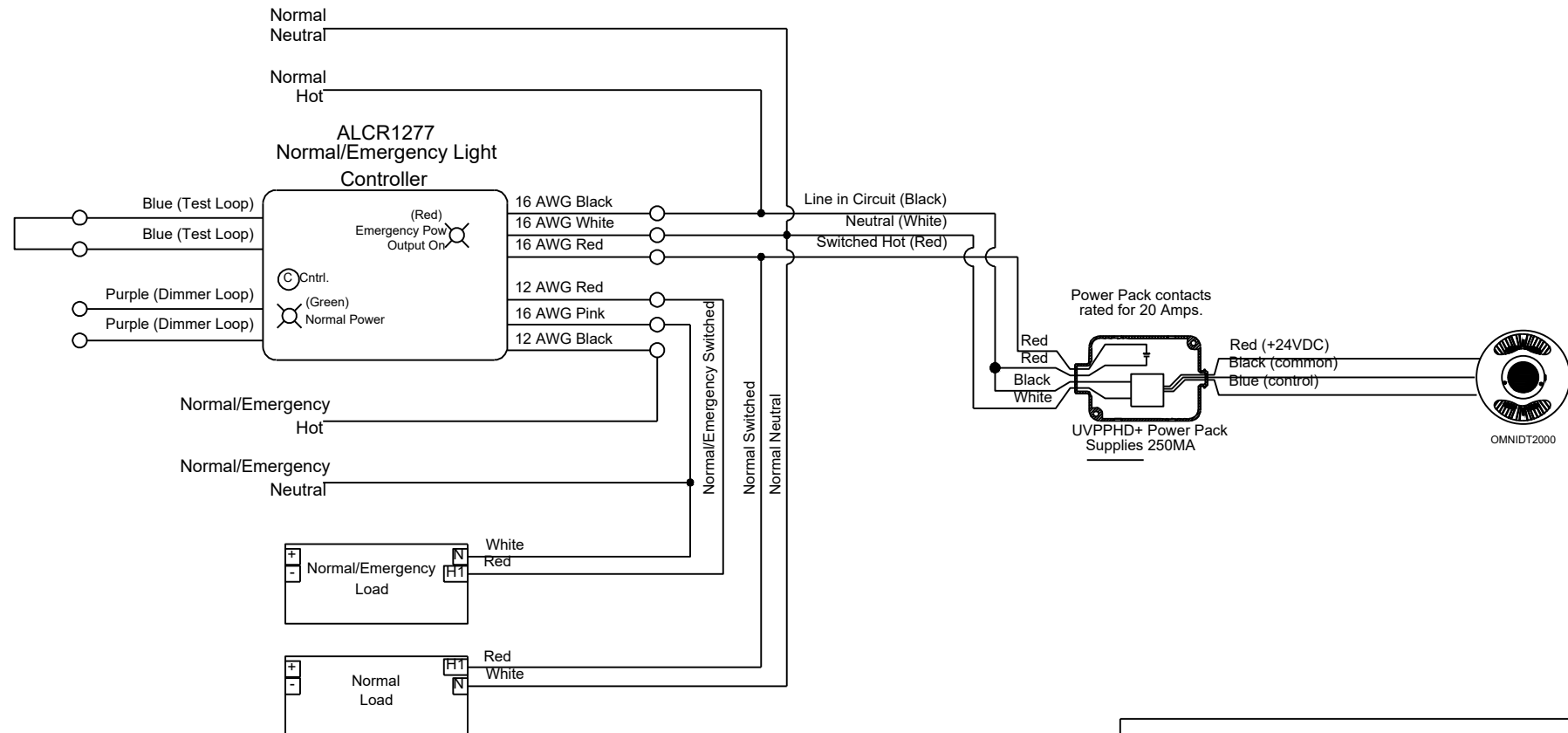
DRAWING NO.

E2-01



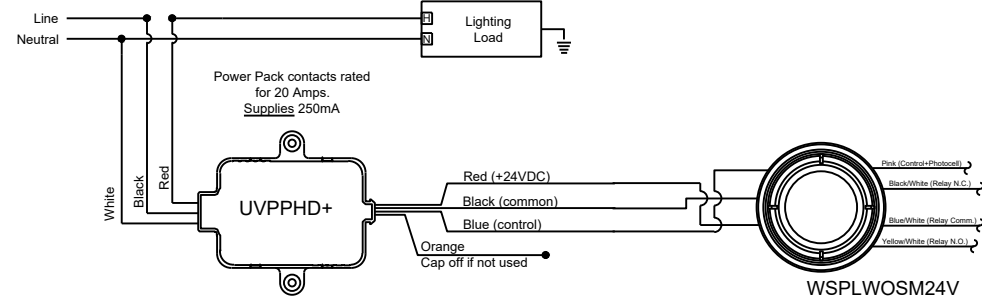
NOTES:
1. LIGHTING IN WASHROOMS SHALL BE MANUAL ON, AUTO OFF AFTER 20 MINUTES OF INACTIVITY.

3 WASHROOM 104, 132A, 132B, 132C, 132D
E2.02



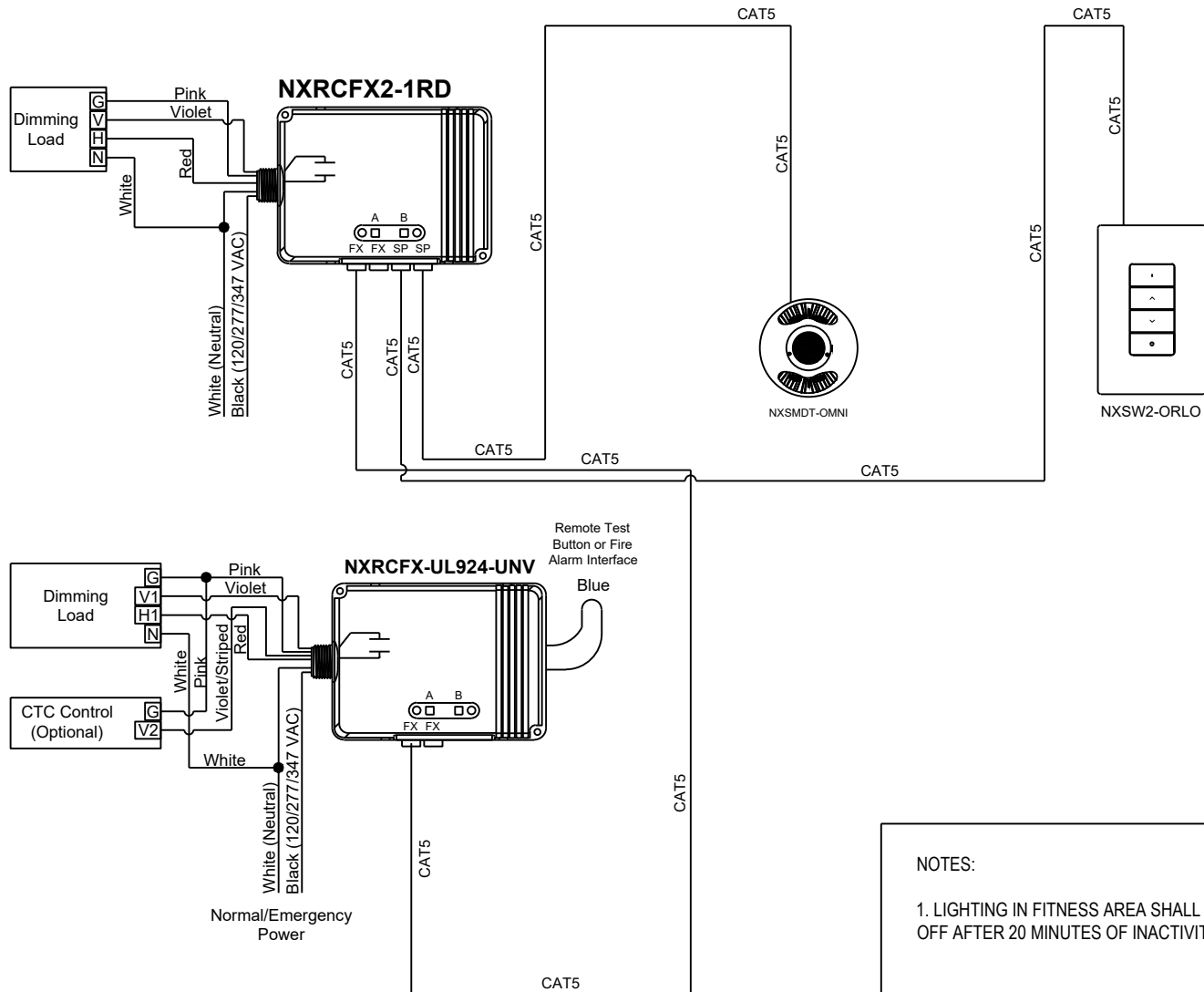
NOTES:
1. LIGHTING IN LOCKERS SHALL BE AUTO ON, AUTO OFF AFTER 20 MINUTES OF INACTIVITY.

2 LOCKERS 103
E2.02 SCALE: N.T.S.



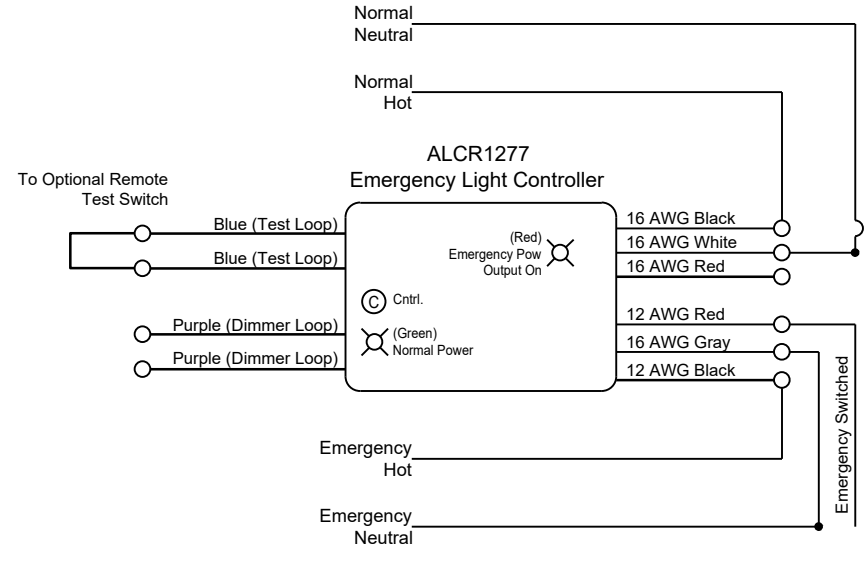
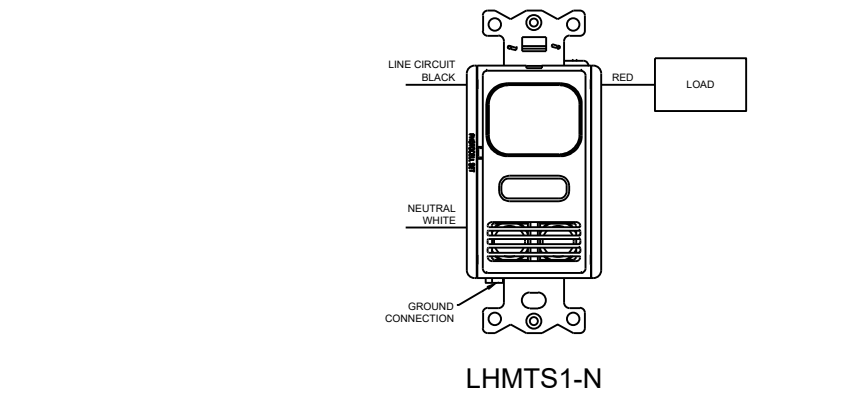
NOTES:
1. LIGHTING IN SHOWERS SHALL BE AUTO ON, AUTO OFF AFTER 30 MINUTES OF INACTIVITY.

1 SHOWERS 106, 134A, 134B, 134C & 134D
E2.02 SCALE: N.T.S.



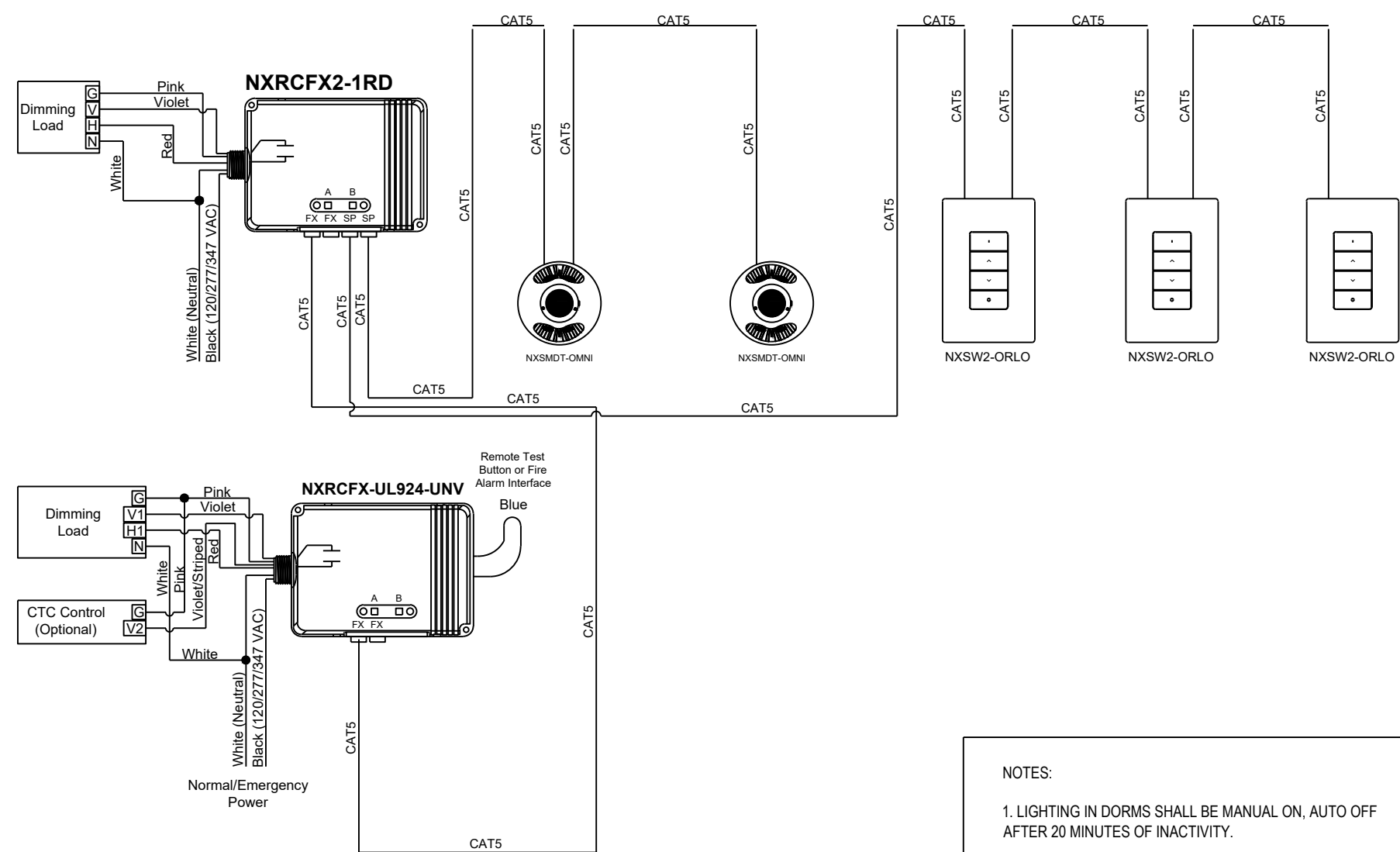
NOTES:
1. LIGHTING IN FITNESS AREA SHALL BE MANUAL ON, AUTO OFF AFTER 20 MINUTES OF INACTIVITY.

5 FITNESS 133
E2.02 SCALE: N.T.S.



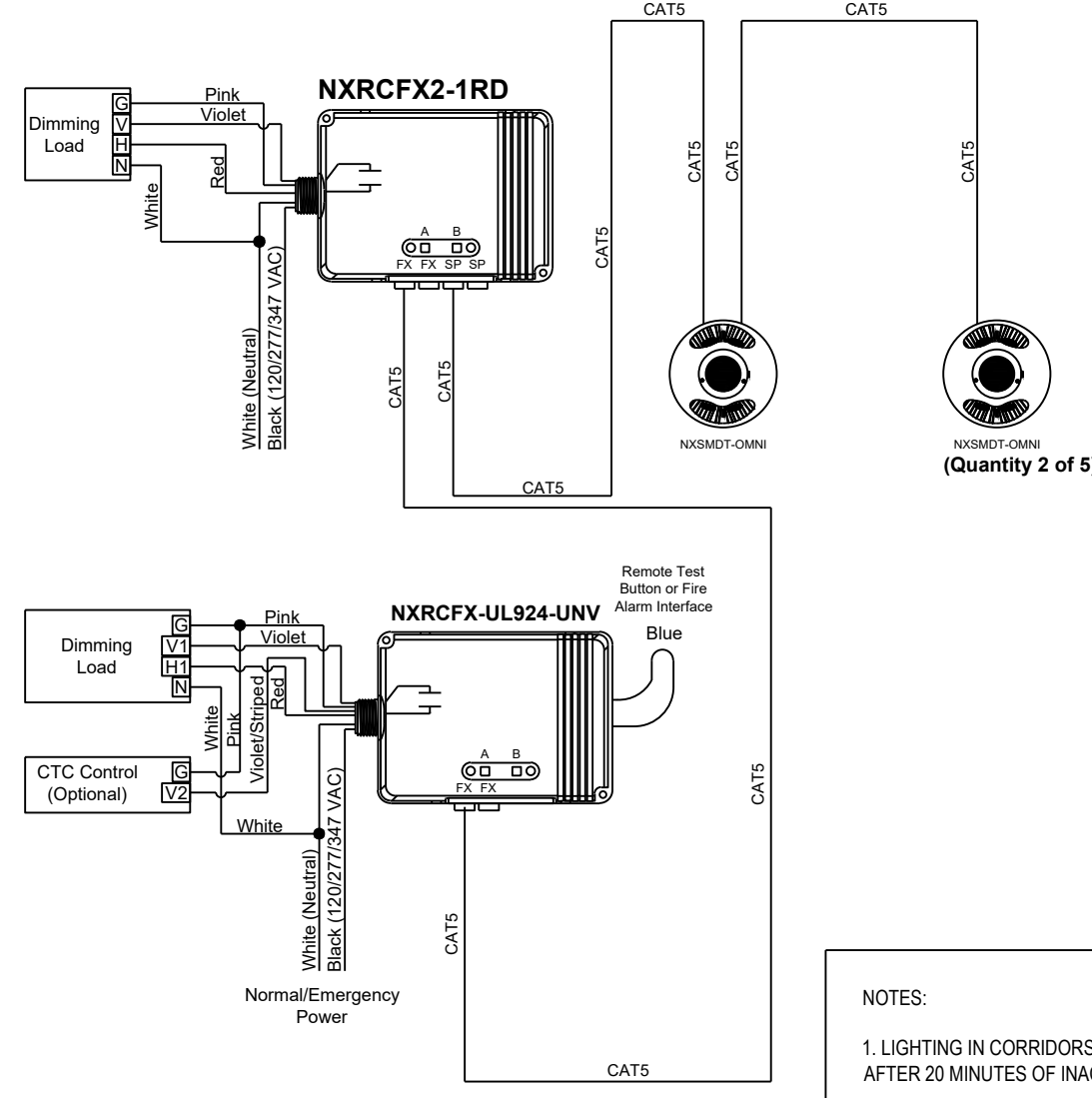
NOTES:
1. LIGHTING IN WASHROOMS SHALL BE MANUAL ON, AUTO OFF AFTER 20 MINUTES OF INACTIVITY.

4 UNIVERSAL WASHROOM 109
E2.02 SCALE: N.T.S.



NOTES:
1. LIGHTING IN DORMS SHALL BE MANUAL ON, AUTO OFF AFTER 20 MINUTES OF INACTIVITY.
2. PROVIDE SEPARATE PRICE FOR ALL WORK WITHIN DORM, INCLUDING LIGHTING CONTROL.

7 DORMS 126
E2.02 SCALE: N.T.S.



NOTES:
1. LIGHTING IN CORRIDORS SHALL BE AUTO ON, AUTO OFF AFTER 20 MINUTES OF INACTIVITY.

6 CORRIDOR 129
E2.02 SCALE: N.T.S.

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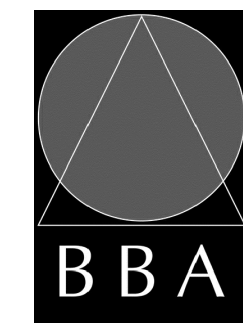
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PROJECT:
FIRE HALL #3 : CHANGE ROOM MODIFICATIONS

50 BEATRICE ST. E.
OSHAWA, ONTARIO

DRAWING:
LIGHTING CONTROL SINGLE LINE DIAGRAMS



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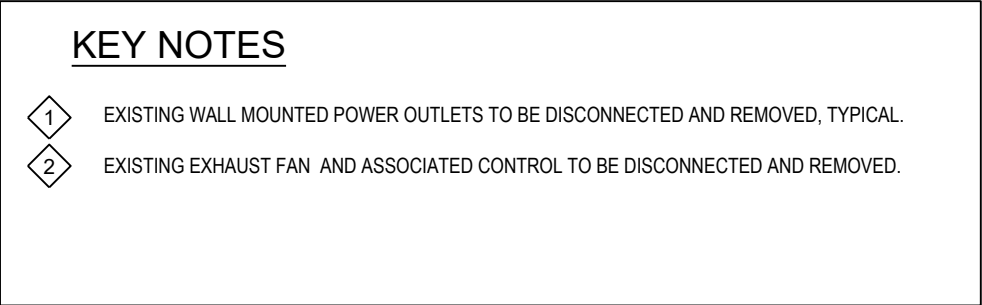
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The BBA logo on the left consists of a circle with an inscribed triangle, with the letters "BBA" below it. To the right is a circular Professional Engineer seal for the Province of Ontario. The seal contains the text "LICENSED PROFESSIONAL ENGINEER", "2024-12-12", "D. R. O. NEUTEL", "100203983", and a signature.

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