



ARCHITECTURAL
WARD99 ARCHITECTS INC.

**STRUCTURAL
VX ENGINEERING INC.**

MECHANICAL
DEI Consulting Engineers Inc.

M1.1	KEY PLAN, LEGEND AND SCHEDULES
M2.1	GROUND FLOOR PART PLAN - DRAINAGE DEMOLITION & RENOVATION
M2.2	GROUND FLOOR PART PLAN - DOMESTIC DEMOLITION & RENOVATION
M2.3	GROUND FLOOR PART PLAN - DUCTWORK DEMOLITION & RENOVATION
M3.1	DETAILS

ELECTRICAL
DEI Consulting Engineers Inc.

E1.1	LEGEND AND SCHEDULES
E1.2	ELECTRICAL DETAILS
E2.1	PARTIAL GROUND FLOOR DEMOLITION AND RENOVATION PLANS AND NOTES

**STRUCTURAL
VX ENGINEERING INC.**

S-1	EXISTING PART GROUND FLOOR PLAN AND DETAILS
S-2	PART ROOF FRAMING PLAN AND DETAILS
S-3	ROOF DETAILS
S-4	TYPICAL DETAILS AND GENERAL NOTES



PROJECT TITLE:
TRILLIUM JUNIOR PUBLIC SCHOOL INTERIOR RENOVATIONS
WATERLOO REGION DISTRICT SCHOOL BOARD

PROJECT ADDRESS:
79 LAURENTIAN DR, KITCHENER, ON N2E 1C3

OWNER:
WATERLOO REGION DISTRICT SCHOOL BOARD

OWNER'S CONTACT INFORMATION:
51 ARDELT AVENUE, KITCHENER, ON N2C 2R5

CONSULTANT:
ward99 architects inc.

CONSULTANT'S CONTACT INFORMATION:
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Woodbridge ON L4L0A2
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EMAIL: INFO@WARD99ARCHITECTS.COM

ROOM NAME 1	ROOM TITLE: REFERS TO ROOM NAME
B101	REFERS TO ROOM NUMBER
AREA m2	REFERS TO AREA IN m2
CL-00P	REFERS TO OCCUPANT LOAD
	DETAIL TAG: DETAIL NUMBER / DRAWING NUMBER
	INTERIOR ELEVATION TAG: INTERIOR ELEVATION DETAIL NUMBER / DRAWING NUMBER
	BUILDING ELEVATION TAG: BUILDING ELEVATION DETAIL NUMBER / DRAWING NUMBER
	BUILDING / WALL SECTION TAG: SECTION DETAIL NUMBER / DRAWING NUMBER
	PARTITION CONSTRUCTION TAG. REFER TO CONSTRUCTION LEGEND ON DRAWING A2.0.
	CEILING CONSTRUCTION TAG. REFER TO CONSTRUCTION LEGEND ON DRAWING A2.0.
	FLOOR CONSTRUCTION TAG. REFER TO CONSTRUCTION LEGEND ON DRAWING A2.0.
	REFERS TO DOOR NUMBER. REFER TO DRAWING AB.1 FOR DOOR FRAME ELEVATION SCHEDULE AND DRAWINGS FOR DOOR AND FRAME ELEVATION TYPES.
	REFERS TO HOLLOW METAL FRAMED SCREEN. REFER TO HOLLOW METAL FRAMED SCREEN SCHEDULE ON DRAWING 4/A8.1 FOR SCREEN ELEVATION TYPES.
	REFERS TO HOLLOW METAL FRAMED WINDOW. REFER TO HOLLOW METAL FRAMED WINDOW TYPES ON DRAWING 2/A8.1 FOR VISION PANEL TYPES.
	REFERS TO ALUMINUM FRAMED SCREEN. REFER TO ALUMINUM FRAMED WINDOW ELEVATION TYPE ON DRAWING 5/A4.2.

ONTARIO ASSOCIATION
OF
ARCHITECTS
Tina Ranieri d'Ovidio
TINA RANIERI D'OVIDIO
LICENCE
5980

Orofino 2024 Building Code Data Matrix Part 11 - Renovation of Existing Building						Building Code Reference
11.0	Building Code Version:	O. Reg. 163/24		Last Amendment:	O. Reg. 5/25	
11.01	Project Type:	☐ Addition ☒ Renovation ☐ Addition and Renovation ☐ Change of Use				A[1].1.2.
11.02	Major Occupancy Classification:	Occupancy Group A, Division 2 'Group A, Division 2, up to 2 Storeys' Use: Elementary School Closest Classification: O.B.C. 3.2.2.25				3.1.2.1.(1)
11.03	Superimposed Major Occupancies:	☐ No ☐ Yes Description:				3.2.2.7
11.04	Building Area (m ²)	Description: Building Area (m ²): Existing 2354.43 m ² New 0 m ² Total 2354.43 m ²				A[1].4.1.2.
11.05	Building Height	☐ 0 Storey Above Grade ☒ 1 Storey Below Grade 3.90 (m) Above Grade				A[1].4.1.2. & 3.2.1.1.
11.06	Number of Streets/Firefighter Access	☒ 1 Street(s)				3.2.2.10. & 3.2.5.2.
11.07	Building Size	☐ Small ☒ Medium ☐ Large ☐ >Large				T.11.2.1.1.B-N.
11.08	Existing Building Classification:	Change in Major Occupancy: ☐ Yes ☒ No Not Applicable (no change of major occupancy) Construction Index: - Hazard Index: - Importance Category: ☐ Low ☐ Normal ☐ High ☐ Post-disaster *Building is an elementary school.				T.11.2.1.1. T.11.2.1.1.B-T 4.2.1.(3), 5.2.2.1.(2)
11.09	Renovation Type:	☐ Basic Renovation ☒ Extensive Renovation				11.3.3.1 11.3.3.2
11.10	Occupant Load:	Floor Level/Area	Occupancy Type	Based On	Occupant Load (Persons)	3.11.7, 3.12.2, and 11.4.2.1
*Note: OCCUPANCY OF THE SCHOOL BUILDING REMAINS UNCHANGED.						
11.11	Plumbing Fixture Requirements	Ratio: M:F = 50:50 Except as otherwise noted Note: Ground Floor Revisions: Demolish two existing single-use staff washrooms and replace with two single-use staff washrooms. Addition of one new barrier-free washroom.				3.74, 11.34, 11.35, 11.4.2.4, and 11.4.2.5
11.12	Barrier-free Design:	☒ Yes ☐ No Existing - 11.3.3.2., Extensive Renovation				11.3.12, 11.3.32, 11.3.32
	Barrier-free Entrances:	Number: n/a Barrier-free entrances remains unchanged Renovation complies with OBC 3.8.				
11.13	Reduction in Performance Level:	Structural:	☒ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	11.4.2.1
	By Increase in Occupant Load:	☒ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	11.4.2.2
	By Change of Major Occupancy:	☒ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	11.4.2.3
	Plumbing:	☒ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	11.4.2.4
	Sewage-System:	☒ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	11.4.2.5
	Extension of combustible construction:	☒ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	☐ No ☐ Yes	11.4.2.6
11.14	Compensating Construction:	☒ No ☐ Yes				11.4.3.1
	Structural:	☒ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	11.4.3.2
	Increase in Occupant Load:	☒ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	11.4.3.3
	Change of Major Occupancy:	☒ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	11.4.3.4
	Plumbing:	☒ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	11.4.3.5
	Sewage-System:	☒ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	11.4.3.6
	Extension of Combustible Construction:	☒ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	☐ No ☐ Yes (explain)	11.4.3.7
11.15	Compliance Alternatives Proposed:	☒ No ☐ Yes (list numbers and describe)				11.5.1
11.16	General Notes:	Renovations to the existing one storey non-sprinklered school building; closest classification is as follows: O.B.C. Classification: 3.2.2.25 Group A, Division 2, up to 2 Storeys - building is not more than 2 storeys in building height - building is permitted to be combustible or noncombustible construction - floor assemblies shall be fire separations and, if of combustible construction, shall have a fire-resistance rating not less than 45 min. - except as permitted by Article 3.2.2.17, mezzanines shall have, if of combustible construction, a fire-resistance rating not less than 45 min. - except as permitted by Article 3.2.2.17, roof assemblies shall have, if of combustible construction, a fire-resistance rating not less than 15 min. - loadbearing walls, columns and arches supporting an assembly required to have a fire-resistance rating shall (i) have a fire-resistance rating not less than 45 min, or (ii) be of noncombustible construction. *Note the existing school is less than 2 storeys in height and is constructed of noncombustible construction. Rating at the roof level is not required. 3.3.2.5.(3) Corridors: The 45 min. fire resistance rating, for the fire separation required at a corridor, in an assembly occupancy, is permitted to be waived if the floor area in which the corridor is located is sprinklered. *Note: the existing school is not sprinklered and in such a fire separation with a 1 hour fire-resistance rating is required at corridor walls. Scope of Work: 1. Complete renovation of the existing main office and staff work spaces in the one storey school. 2. Demolition of existing masonry and gypsum board finished partitions, flooring, wall and ceiling assemblies, millwork and fittings, door and window assemblies and provision for new partitions and assemblies to suit the new main office and staff spaces. 3. Removal of two single-use staff washrooms and replacement with two single-use staff washrooms and one barrier-free washroom. 4. Mechanical and electrical upgrades including new light fixtures and devices to suit the renovated layout. 5. Structural upgrades to suit the new layout.				

NOTE: THIS DRAWING IS NOT TO BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL SITE DIMENSIONS AND FOR NOTIFYING THE ARCHITECT OF ANY SITE CONDITIONS AND SITE MEASUREMENTS THAT ARE NOT CONSISTENT WITH THE DRAWINGS.

[illegible]

project
TRILLIUM JUNIOR PUBLIC SCHOOL INTERIOR RENOVATIONS
WATERLOO REGION DISTRICT SCHOOL BOARD

79 Laurentian Dr, Kitchener, ON N2E 1C3
drawing
PROJECT TITLE, DRAWING LIST, PROJECT KEY PLAN, AND PROJECT
INFORMATION AND LEGEND
drawing scale

N/A
ward99 project number
25022 - WRDSB TRILLIUM PS

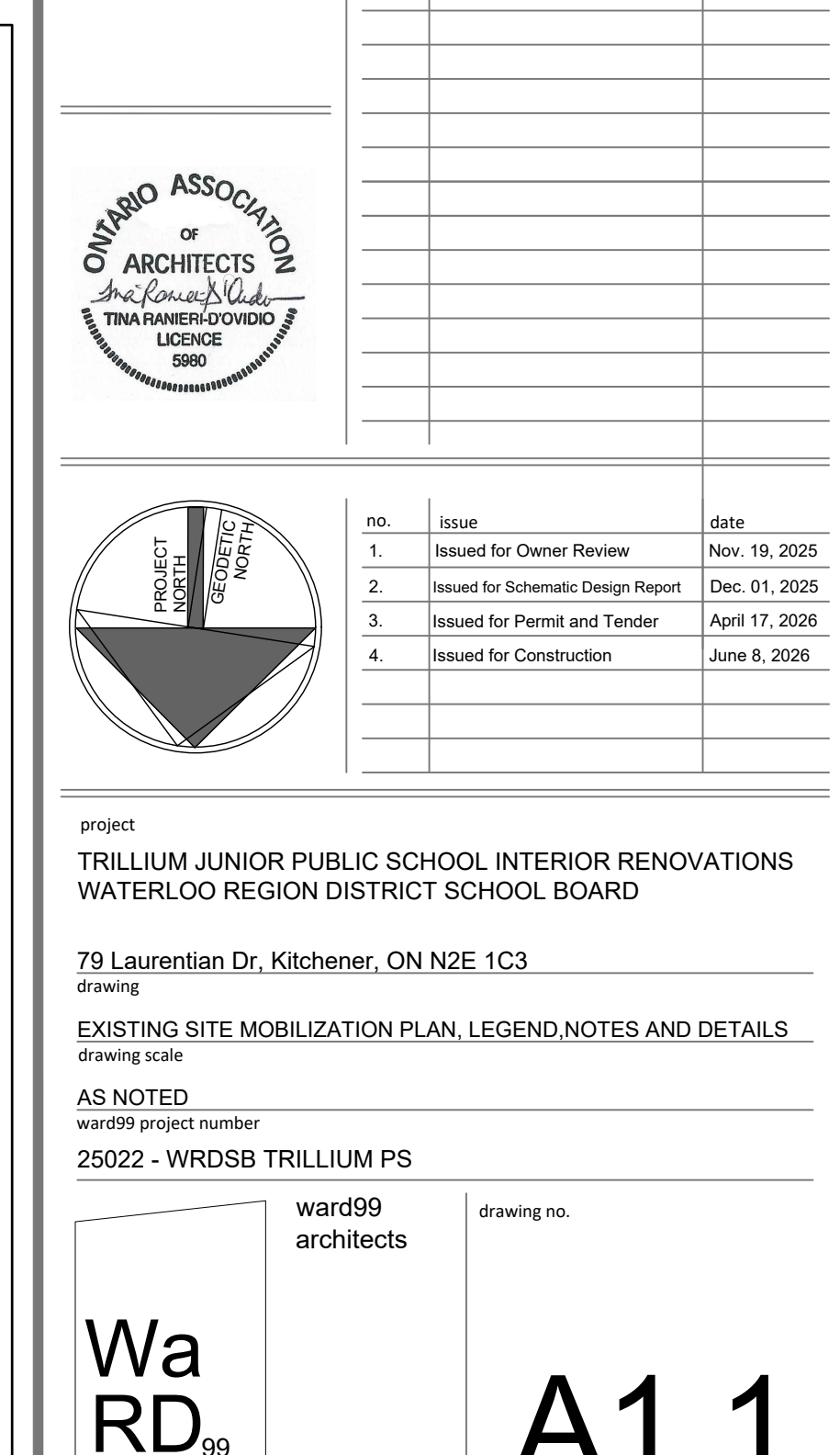
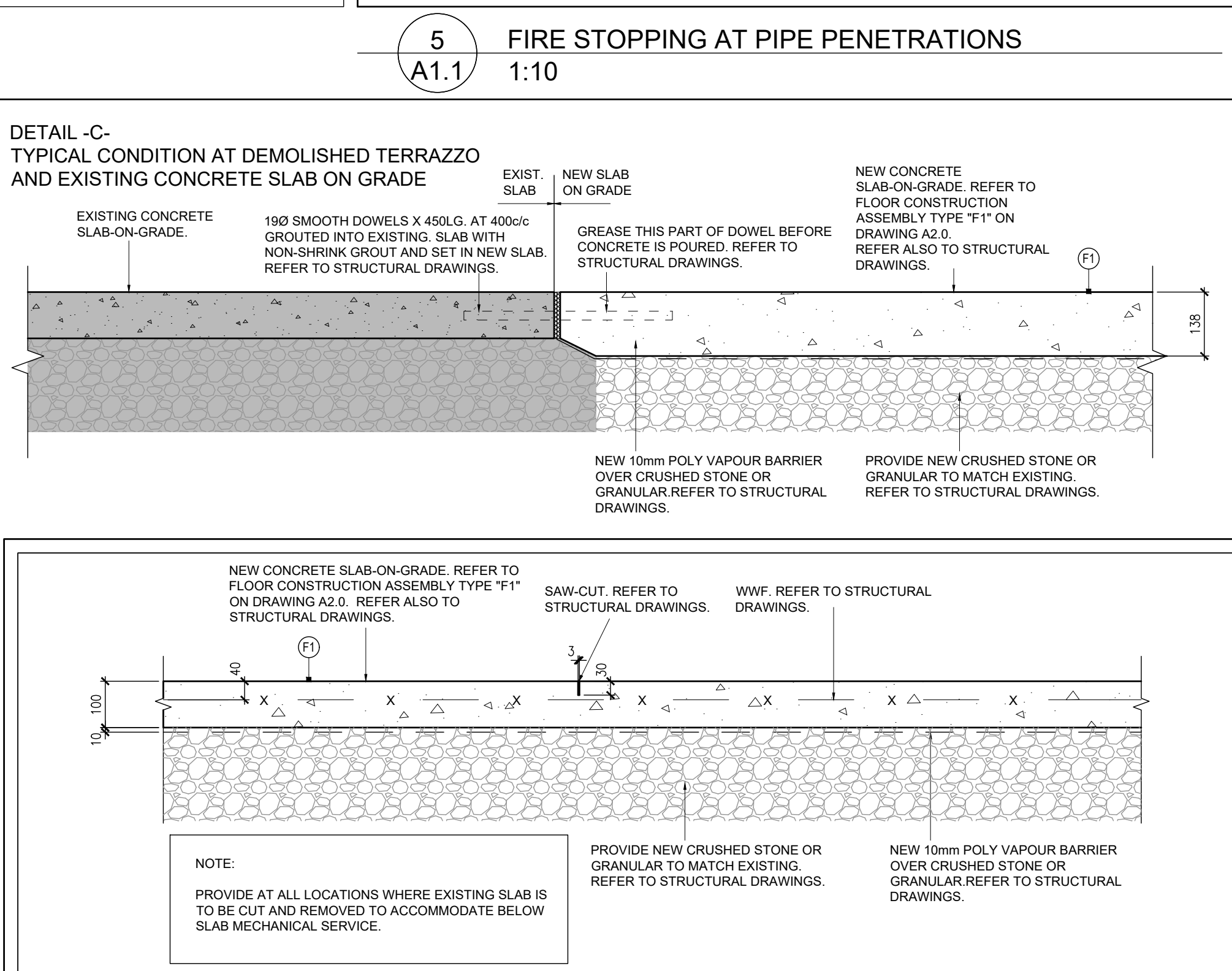
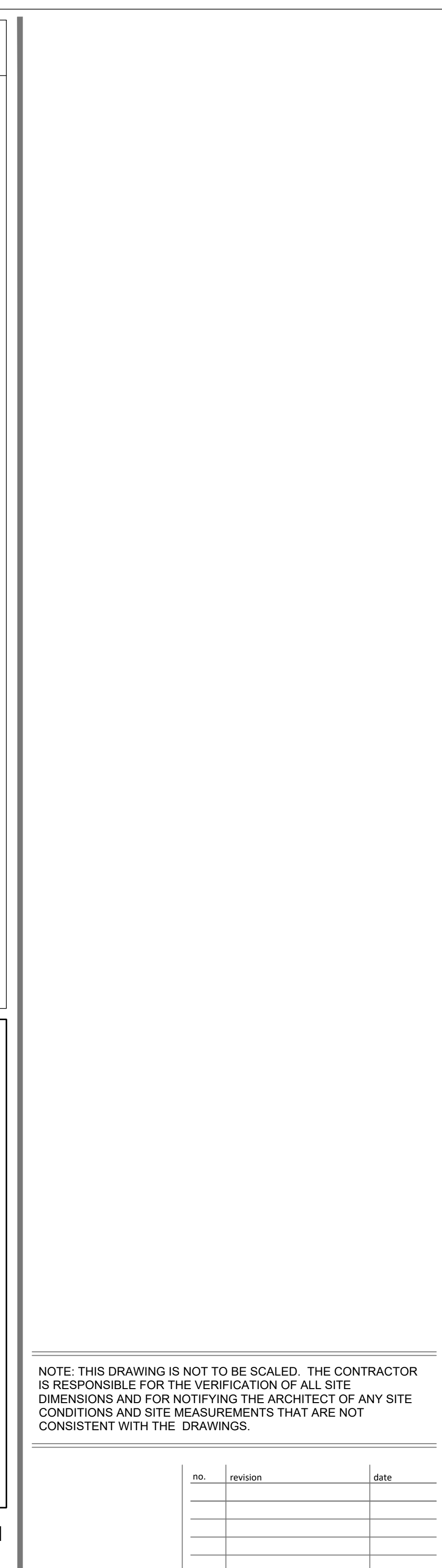
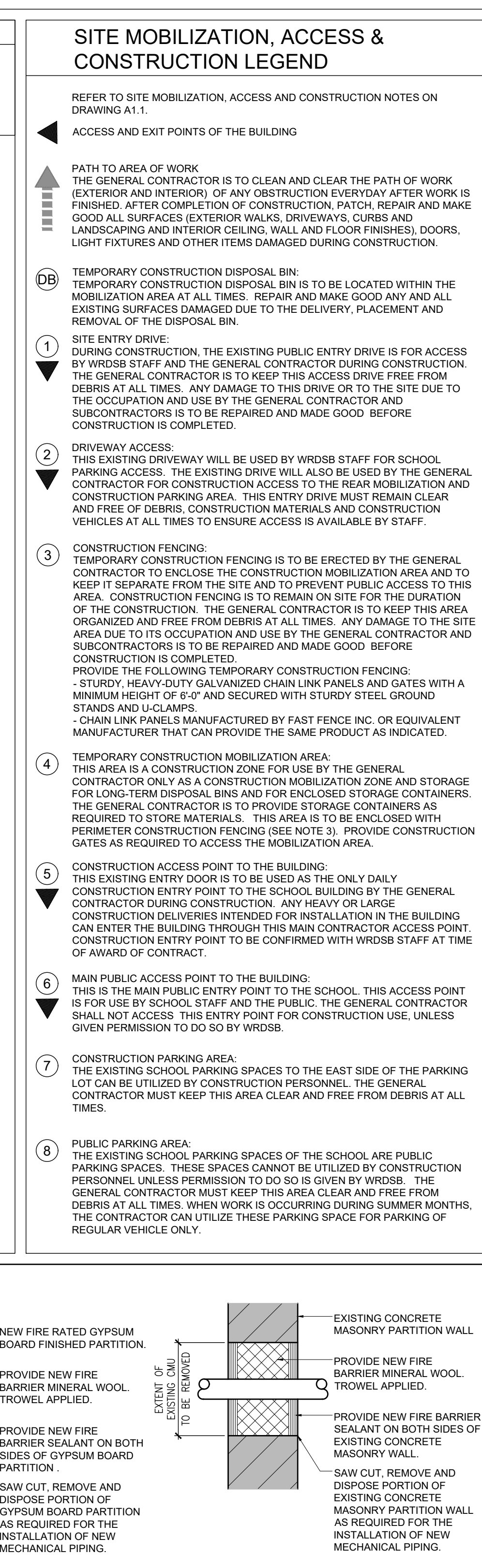
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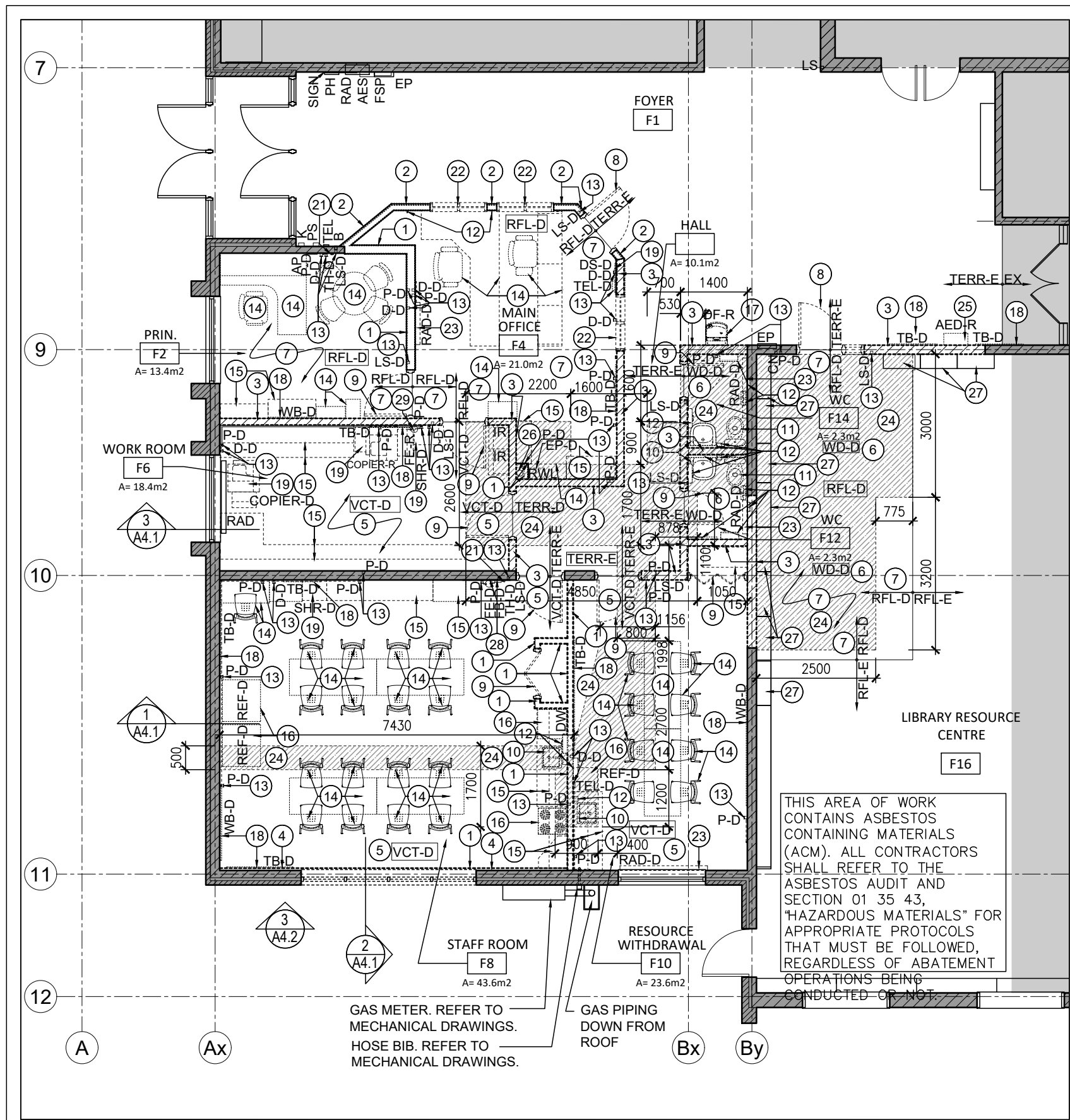
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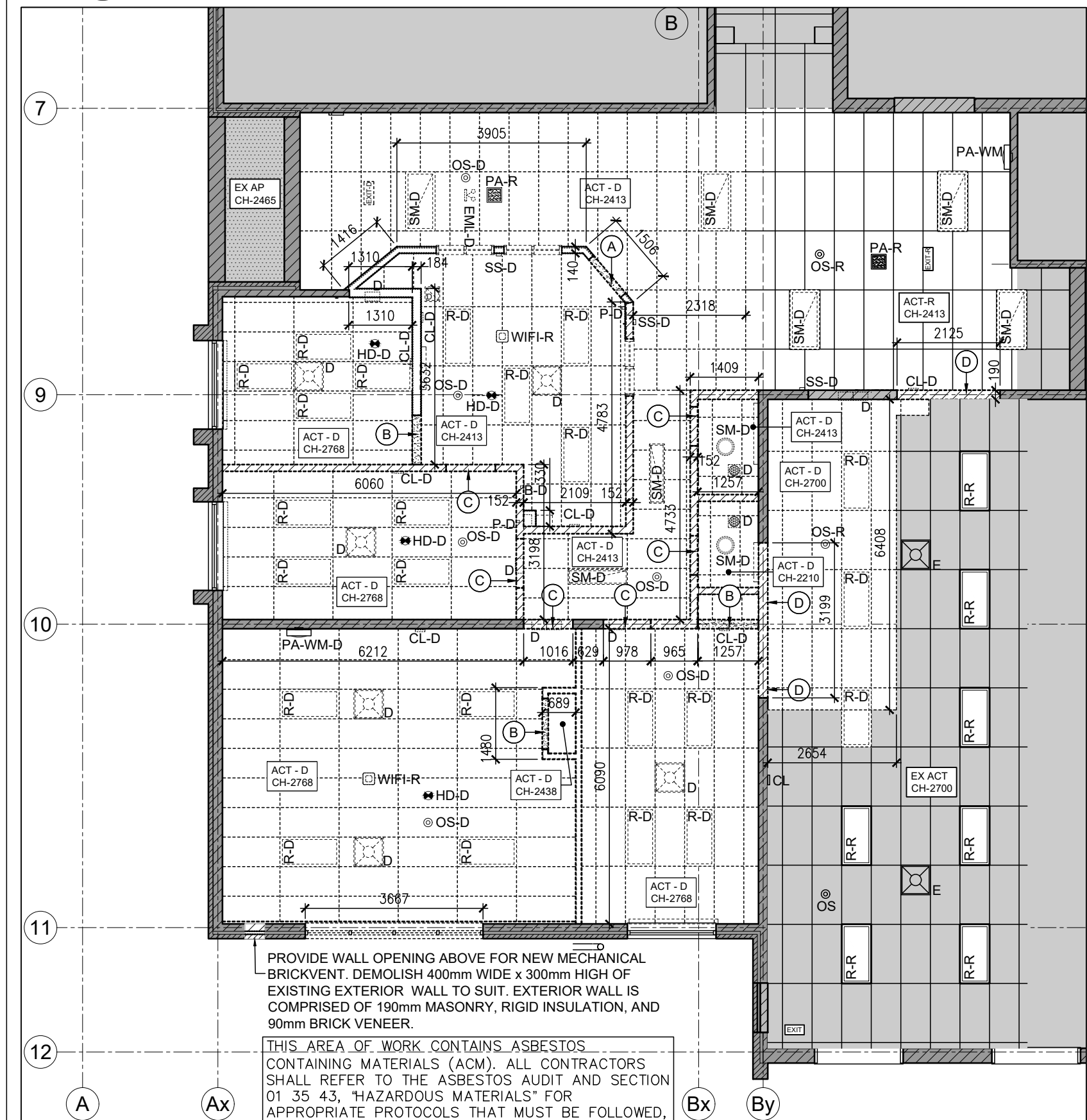
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1
A2.1
PARTIAL EXISTING GROUND FLOOR PLAN - DEMOLITION
1:100

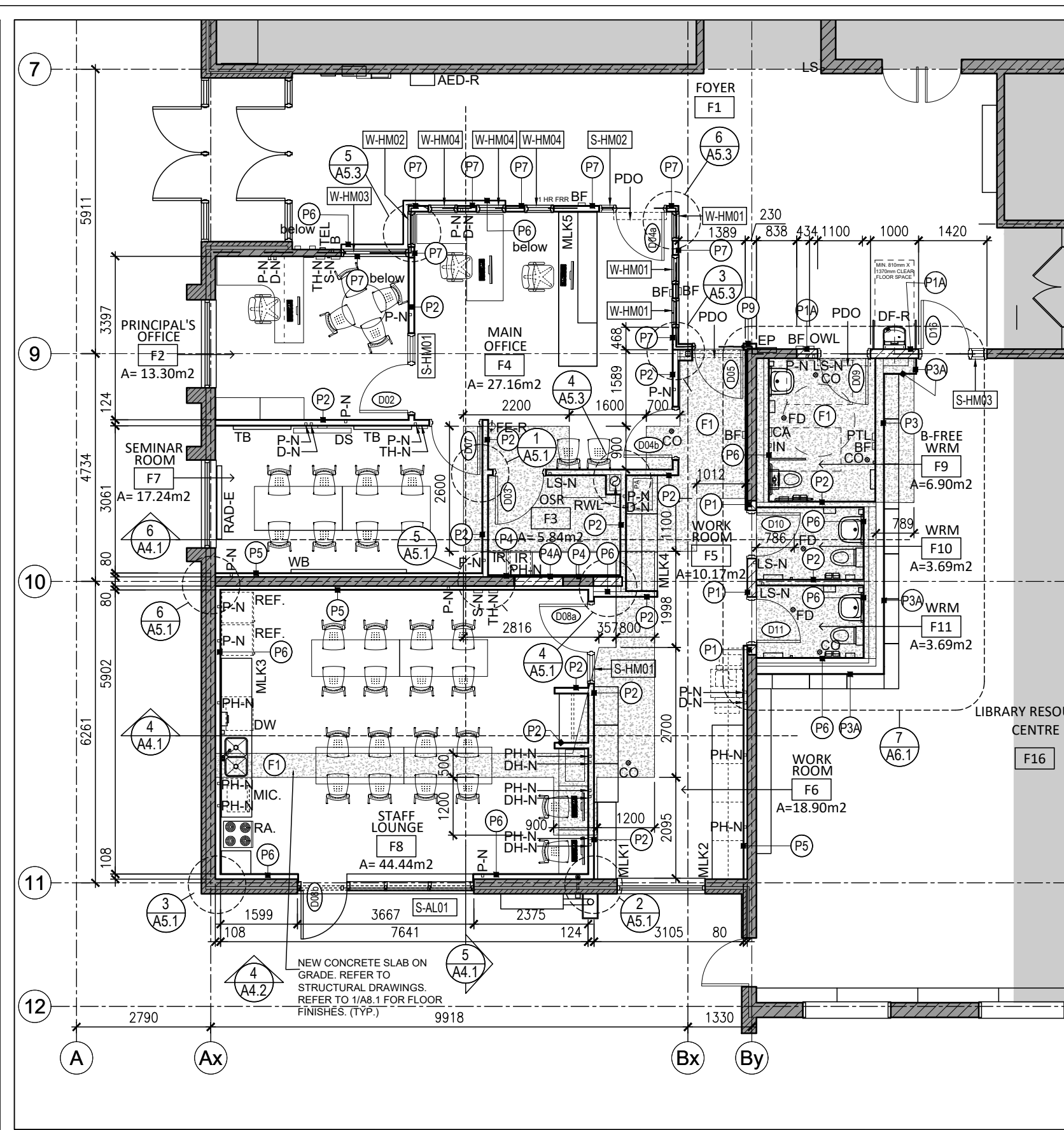
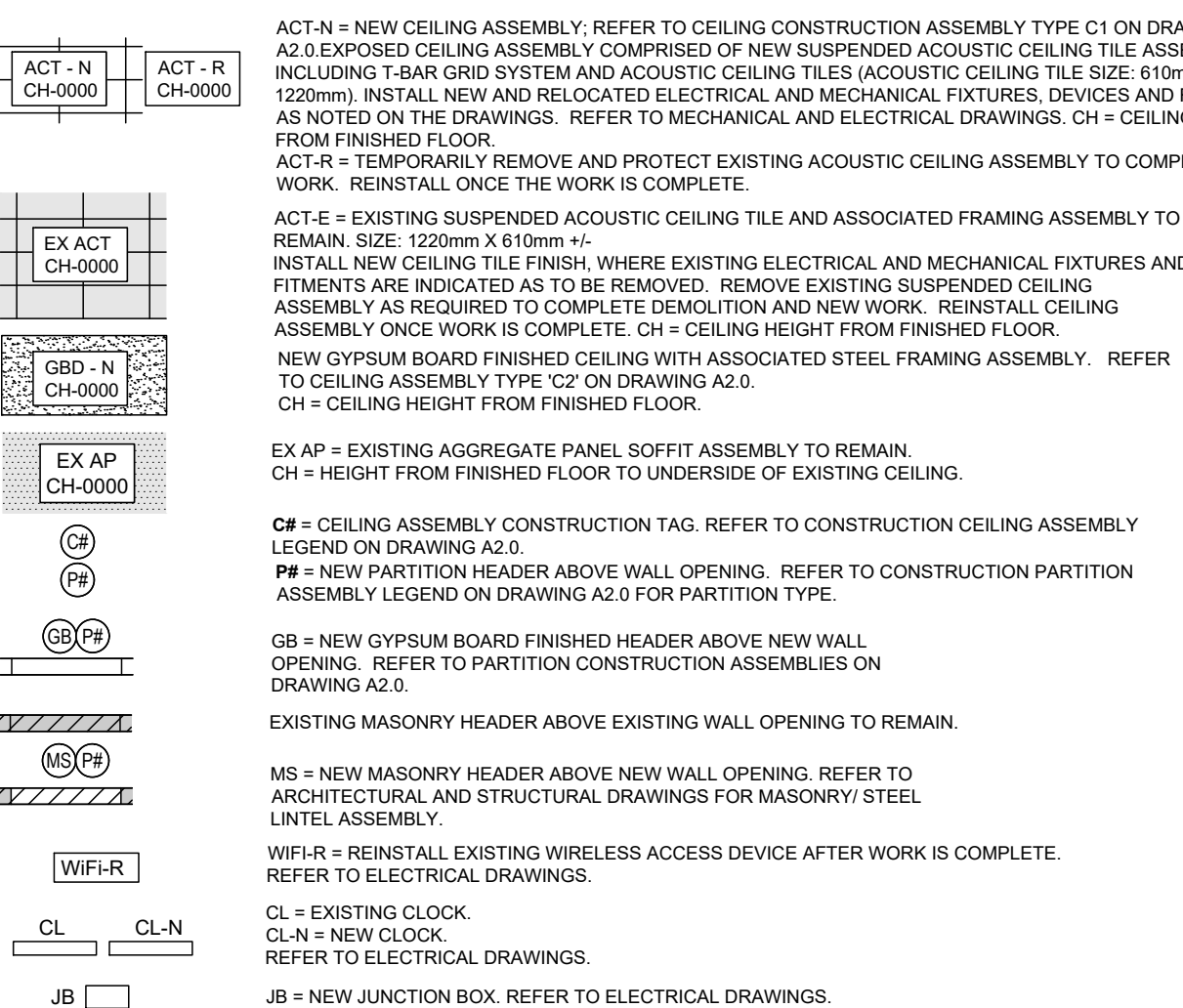


2
A2.1
PARTIAL EXISTING GROUND REFLECTED CEILING PLAN - DEMOLITION
1:100

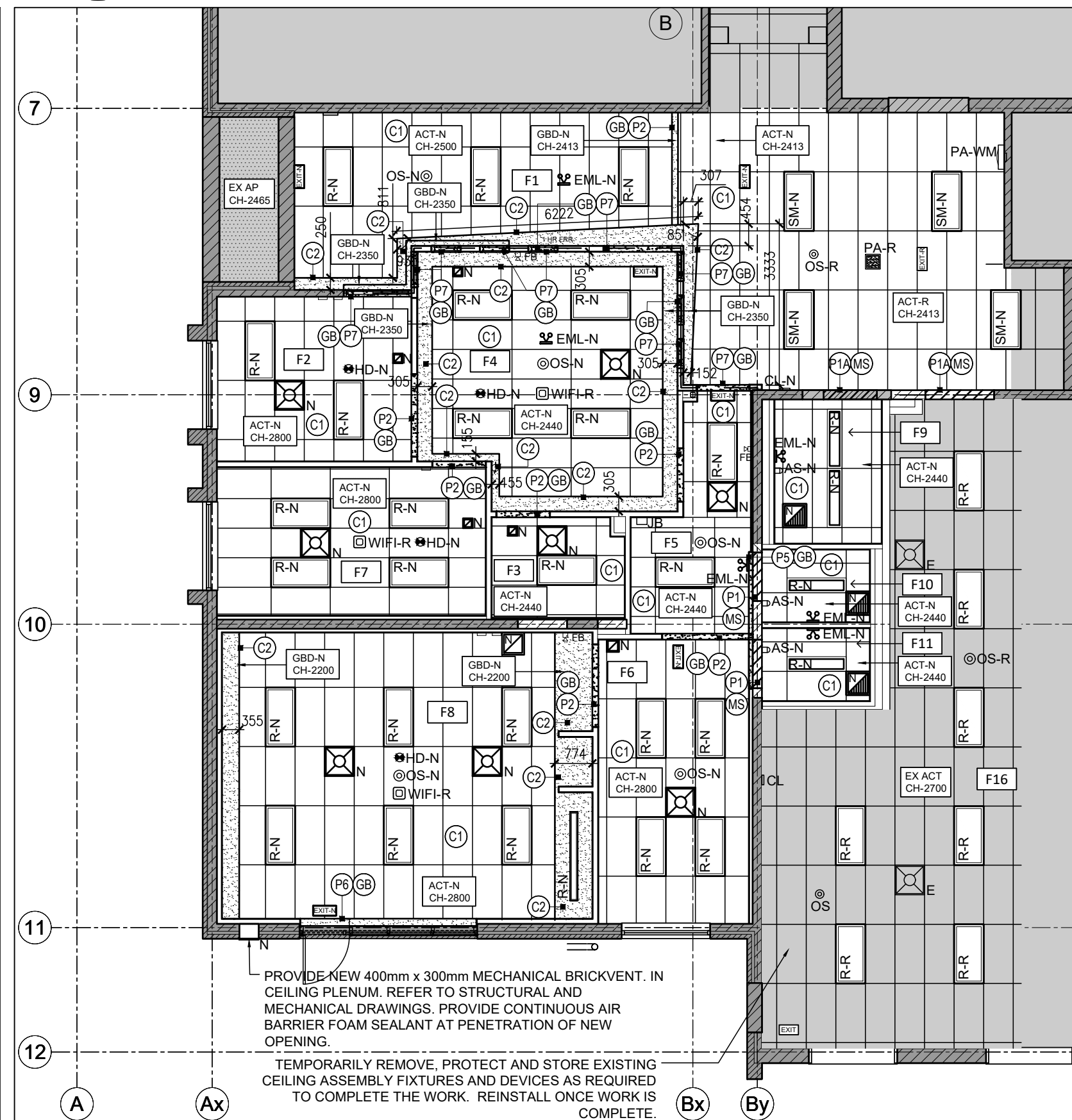
GENERAL PROPOSED REFLECTED CEILING PLAN NOTES

- REFER TO DRAWING A2.0 FOR CONSTRUCTION ASSEMBLIES.
- REFER TO ALL OTHER ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR COORDINATION AND ADDITIONAL NOTES AND INFORMATION.
- PROVIDE PAINT FINISH TO ALL EXPOSED EXISTING AND NEW STRUCTURAL ASSEMBLIES, MECHANICAL AND ELECTRICAL PIPES AND CONDUITS AND ASSOCIATED MECHANICAL AND ELECTRICAL COMPONENTS (NEW AND EXISTING).
- THE LOCATION OF ALL PARTITION MOUNTED AND CEILING MOUNTED ACCESS PANELS ARE TO BE REVIEWED AND APPROVED BY THE CONSULTANT. ACCESS PANELS IN GYPSUM BOARD FINISHED PARTITIONS AND CEILINGS ARE TO BE PAINTED TO MATCH ADJACENT PARTITIONS AND CEILINGS.
- REFER TO STRUCTURAL DRAWINGS FOR OPENINGS IN EXISTING MASONRY WALL ASSEMBLIES AND NEW LITE ASSEMBLIES FOR MECHANICAL DUCTWORK, AS REQUIRED ABOVE FINISHED CEILINGS.

PROPOSED REFLECTED CEILING PLAN LEGEND



3
A2.1
PARTIAL PROPOSED GROUND FLOOR PLAN
1:100



4
A2.1
PARTIAL PROPOSED GROUND REFLECTED CEILING PLAN
1:100

FLOOR AND REFLECTED CEILING PLANS LEGEND

- # DEMOLITION FLOOR PLAN NOTE. REFER TO EXISTING FLOOR PLAN DEMOLITION DRAWING 1/42.1 AND 2/42.1. REFER TO DRAWING A2.1 FOR GENERAL DEMOLITION NOTES.
- AES = EXISTING AES WIRELESS MESH RADIO NETWORK TO REMAIN.
- B = EXISTING BLANK PLATE TO REMAIN.
- COPIER-R = REMOVE AND RELOCATE EXISTING COPIER.
- CORNER-D = REMOVE AND DISPOSE OF EXISTING CORNER.
- CN = EXISTING CONDUIT TO REMAIN.
- DF-R = REMOVE AND RELOCATE EXISTING DRINKING FOUNTAIN. REFER TO MECHANICAL DRAWINGS.
- DS-D = REMOVE AND DISPOSE OF EXISTING DIGITAL SCREEN.
- DND = REMOVE AND DISPOSE OF EXISTING DATA RECEPTACLE. REFER TO ELECTRICAL DRAWINGS.
- DWD = REMOVE AND DISPOSE OF EXISTING DISHWASHER. REFER TO MECHANICAL DRAWINGS.
- EP = EXISTING ELECTRICAL PANEL TO REMAIN.
- EP-D = REMOVE AND DISPOSE OF EXISTING ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.
- FB-D = REMOVE AND DISPOSE OF EXISTING FIRE BLANKET.
- FSP = EXISTING FSP (FIRE SAFETY PLAN) TO REMAIN.
- FE-R = REMOVE, STORE AND PROTECT EXISTING FIRE EXTINGUISHER FOR REINSTALLATION. PROVIDE NEW WALL BRACKET.
- FE-D = REMOVE AND DISPOSE OF EXISTING FIRE EXTINGUISHER. REFER TO MECHANICAL DRAWINGS.
- IR = REMOVE AND REINSTALL EXISTING IT RACK.
- LS-D = REMOVE AND DISPOSE OF EXISTING LIGHT SWITCH. REFER TO ELECTRICAL DRAWINGS.
- LS = EXISTING LIGHT SWITCH TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
- P = EXISTING POWER RECEPTACLE TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
- SIGN = EXISTING EMERGENCY FIRE EXIT SIGN.
- PS = EXISTING PULL STATION TO REMAIN.
- RAD = EXISTING BASEBOARD HEATER TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
- RAD-D = REMOVE AND DISPOSE OF EXISTING BASE BOARD HEATER. REFER TO ELECTRICAL DRAWINGS.
- REF-D = REMOVE AND DISPOSE OF EXISTING REFRIGERATOR.
- RFL-D = REMOVE AND DISPOSE OF EXISTING RESILIENT FLOORING.
- SHR-D = REMOVE AND DISPOSE OF EXISTING SHREDDER.
- TB-D = REMOVE AND DISPOSE OF EXISTING TACK BOARD.
- TEL-D = REMOVE AND DISPOSE OF EXISTING TELEPHONE. REFER TO ELECTRICAL DRAWINGS.
- TEL = EXISTING TELEPHONE TO REMAIN.
- TERR-E = EXISTING TERRAZZO FLOORING TO REMAIN.
- VCT-D = REMOVE AND DISPOSE OF EXISTING VINYL COMPOSITE TILE FLOORING.
- WB-D = REMOVE AND DISPOSE OF EXISTING WALL BRACKET.
- WD-D = REMOVE AND DISPOSE OF EXISTING WOOD FLOORING.

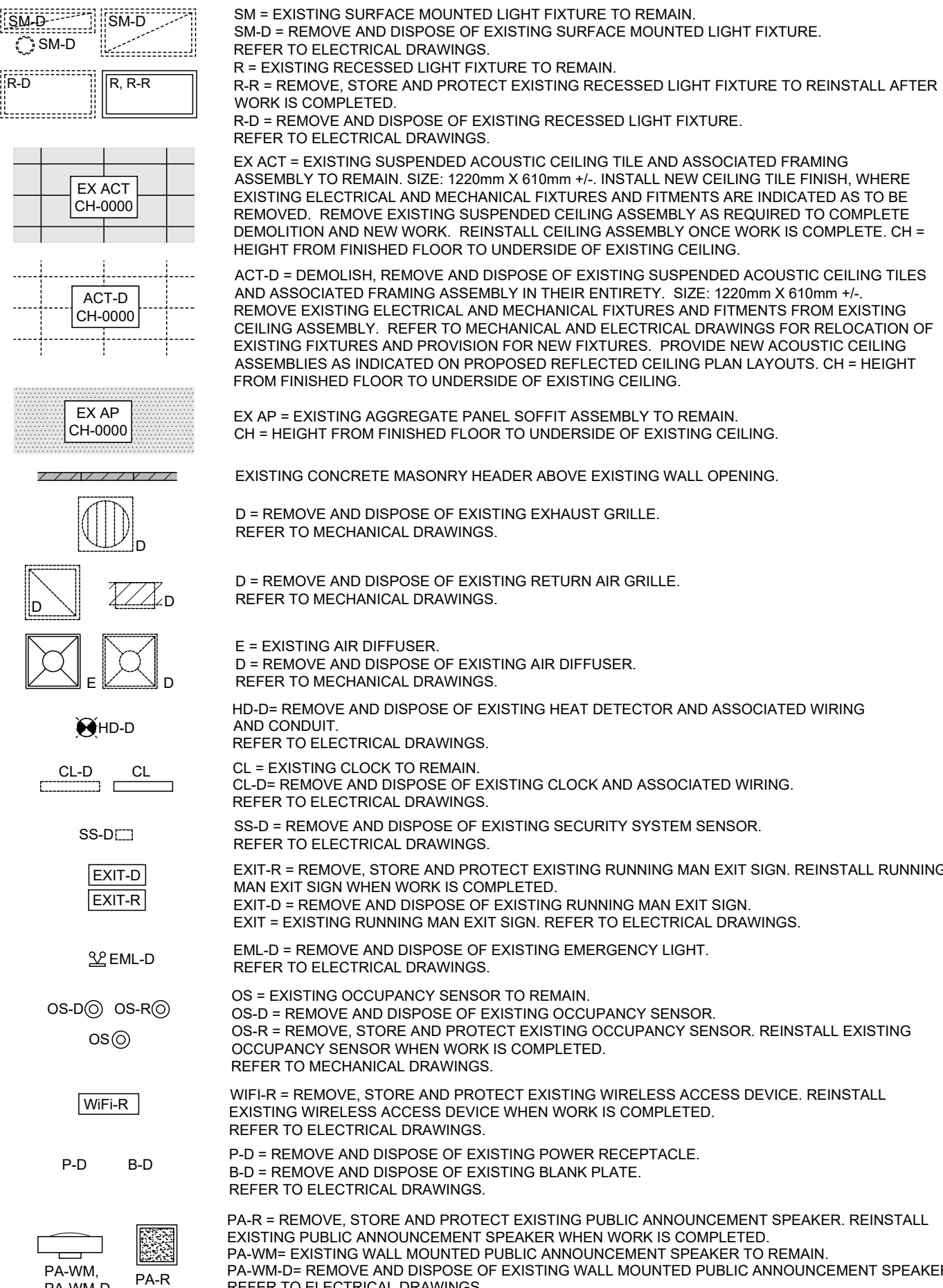
GENERAL PROPOSED GROUND FLOOR PLAN NOTES

- PROPOSED DRAWINGS ON 3/42.1 SHALL BE READ IN CONJUNCTION WITH ALL DEMOLITION DRAWINGS AND ALL OTHER ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION, DETAILS, NOTES AND DIMENSIONS. REFER TO DRAWINGS A8.1 FOR PROPOSED FLOOR FINISH PLANS, FINISHES LEGEND, ROOM FINISH SCHEDULE AND NOTES. REFER TO DRAWING A8.1 FOR DOOR AND FRAME HARDWARE SCHEDULE, ELEVATIONS, DETAILS AND NOTES.
- REFER TO DRAWING A0.0 FOR DRAWING TAGS LEGEND AND NOTES.
- REFER TO DRAWING A2.0 FOR CONSTRUCTION ASSEMBLY TYPES LEGEND AND NOTES.
- REFER TO DRAWINGS A8.1 FOR ADDITIONAL DIMENSIONS, FLOOR FINISHES PLANS, ROOM FINISH SCHEDULE, LEGENDS AND NOTES. REFER TO DRAWING A1.1 FOR FLOOR ASSEMBLY DETAILS.
- REFER TO ELECTRICAL DRAWINGS REGARDING THE FOLLOWING:
EP = EXISTING ELECTRICAL PANEL.
P = NEW POWER RECEPTACLE. PH-N = NEW POWER RECEPTACLE AT HIGH LEVEL.
DN = NEW DATA RECEPTACLE. DH-N = NEW DATA RECEPTACLE AT HIGH LEVEL.
PD = NEW OVERHEAD POWER DOOR OPERATOR ON INTERIOR ROOM SIDE.
BF = NEW BARRIER-FREE PUSH BUTTON. PTL = PUSH TO LOCK BUTTON.
LS-N = NEW LIGHT SWITCH/OCCUPANCY SENSOR.
TEL = EXISTING TELEPHONE.
B = EXISTING BLANK PLATE. CN = EXISTING CONDUIT.
- REFER TO MECHANICAL DRAWINGS REGARDING THE FOLLOWING:
FD = NEW FLOOR DRAIN AND ASSOCIATED UNDER SLAB PLUMBING CONNECTIONS.
WC = WATER CLOSET.
LV = WALL MOUNTED LAVATORY.
DF-R = EXISTING WALL MOUNTED DRINKING FOUNTAIN/BOTTLE FILLER STATION TO BE RELOCATED IN NEW LOCATION.
RAD-E = EXISTING BASEBOARD HEATER TO REMAIN.
CO = NEW CLEAN OUT.
TH-N = NEW THERMOSTAT.
S-N = NEW SENSOR.
FE-R = REINSTATE EXISTING FIRE EXTINGUISHER.
- NOTE THE FOLLOWING FITMENTS AND EQUIPMENT:
TB = NEW TACK BOARD. WB = NEW WHITE BOARD. REFER TO INTERIOR ELEVATIONS FOR SIZES.
MC = NEW MICROWAVE SUPPLIED AND INSTALLED BY OWNER.
DW = NEW DISHWASHER SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR.
REF = NEW REFRIGERATOR SUPPLIED AND INSTALLED BY OWNER.
RA = NEW RANGE AND RANGE HOOD.
MLK1 = NEW MILLWORK UNIT IN WORK ROOM F6. REFER TO ELEVATION ON 2/47.4. PROVIDE A QUANTITY OF 1.
MLK2 = NEW MILLWORK UNIT IN WORK ROOM F7. REFER TO ELEVATION ON 1/47.4. PROVIDE A QUANTITY OF 1.
MLK3 = NEW MILLWORK UNIT (KITCHENETTE) IN STAFF LOUNGE. REFER TO ELEVATION ON 5/47.3. PROVIDE A QUANTITY OF 1.
MLK4 = NEW MILLWORK UNIT IN WORK ROOM F5. REFER TO ELEVATION ON 3/47.4. PROVIDE A QUANTITY OF 1.
MLK5 = NEW MILLWORK UNIT. RECEPTION COUNTER IN MAIN OFFICE F4. REFER TO ELEVATION ON 1/47.3. PROVIDE A QUANTITY OF 1.
- REFER TO DRAWING 7/46.1 FOR WASHROOM FIXTURES AND ACCESSORIES LAYOUT AND DRAWING A6.1 FOR LEGEND, AND NOTES. REFER TO DRAWING A6.1 FOR WASHROOM INTERIOR ELEVATIONS.
- LOOSE FURNITURE IS NOT IN CONTRACT AND IS SUPPLIED AND INSTALLED BY THE OWNER, UNLESS NOTED OTHERWISE ON THE DRAWINGS AND IN THE PROJECT MANUAL SPECIFICATIONS.

DEMOLITION GROUND FLOOR RCP NOTES

- # DEMOLITION FLOOR PLAN NOTE. REFER TO EXISTING GROUND FLOOR REFLECTED PLAN DEMOLITION DRAWING ON 2/42.1. REFER TO DRAWING A2.1 FOR GENERAL DEMOLITION NOTES.
- REMOVE AND DISPOSE OF EXISTING FIRE-RATED GYPSUM BOARD ON STEEL STUD FRAMING PARTITION WALL ABOVE OPENING IN ITS ENTIRETY TO THE EXTENT INDICATED ON THE DEMOLITION REFLECTED CEILING PLAN DRAWING 2/42.1.
 - REMOVE AND DISPOSE OF EXISTING GYPSUM BOARD ON STEEL STUD FRAMING PARTITION WALL ABOVE OPENING IN ITS ENTIRETY TO THE EXTENT INDICATED ON THE DEMOLITION REFLECTED CEILING PLAN DRAWING 2/42.1.
 - REMOVE AND DISPOSE OF EXISTING CONCRETE MASONRY UNIT PARTITION WALL ABOVE OPENING TO THE EXTENT INDICATED ON THE DEMOLITION REFLECTED CEILING PLAN DRAWING 2/42.1.
 - SAW CUT AND REMOVE PORTION OF EXISTING CONCRETE MASONRY UNITS FROM TOP OF FINISHED FLOOR TO 2400mm ABOVE FINISHED FLOOR. PATCH AND REPAIR. MAKE GOOD AND FLUSH EXISTING CONCRETE MASONRY WALL AND TOP OF CONCRETE FLOOR SLAB. ENSURE ALL SURFACES ARE ACCEPTABLE FOR THE WALL ASSEMBLY, HOLLOW METAL DOOR, FRAME AND LINTEL. REFER TO STRUCTURAL DRAWINGS.

GROUND FLOOR DEMOLITION RCP LEGEND



FLOOR PLAN DEMOLITION NOTES AND LEGEND

- # DEMOLITION FLOOR PLAN NOTE. REFER TO EXISTING FLOOR PLAN DEMOLITION DRAWING 1/42.1. REFER TO DRAWING A2.1 FOR GENERAL DEMOLITION NOTES.
- EXISTING ITEMS TO BE DEMOLISHED OR RELOCATED. REFER TO DEMOLITION NOTES FOR SPECIFIC ITEMS.
- EXISTING WALLS TO REMAIN.
- EXISTING INTERIOR MASONRY PARTITION TO BE DEMOLISHED. REFER TO DEMOLITION NOTES No.3.
- EXISTING INTERIOR GYPSUM BOARD PARTITION TO BE DEMOLISHED. REFER TO DEMOLITION NOTE No.1 AND DEMOLITION NOTE No.2 FOR FIRE-RATED ASSEMBLY.
- EXISTING CONCRETE SLAB ON GRADE TO BE REMOVED. REFER TO DEMOLITION NOTES No.21.
- EXISTING INTERIOR WINDOW TO BE DEMOLISHED. REFER TO DEMOLITION NOTE No.19.
- EXISTING 1 HOUR FIRE RESISTANCE RATING

- REMOVE AND DISPOSE OF EXISTING GYPSUM BOARD FINISHED STEEL STUD PARTITION WALL IN ITS ENTIRETY. PATCH, REPAIR, MAKE GOOD AND FLUSH EXISTING CONCRETE SLAB-ON-GRADE. ENSURE FLOOR SLAB IS ACCEPTABLE FOR INSTALLATION OF NEW WALL CONSTRUCTION AND NEW FLOOR FINISHES.
- REMOVE AND DISPOSE OF EXISTING FIRE-RATED GYPSUM BOARD FINISHED STEEL STUD PARTITION WALL IN ITS ENTIRETY. PATCH, REPAIR, MAKE GOOD AND FLUSH EXISTING CONCRETE SLAB-ON-GRADE. ENSURE FLOOR SLAB IS ACCEPTABLE FOR INSTALLATION OF NEW WALL CONSTRUCTION AND NEW FLOOR FINISHES.
- REMOVE AND DISPOSE OF EXISTING INTERIOR CONCRETE MASONRY PARTITION IN ITS ENTIRETY. PATCH, REPAIR, MAKE SMOOTH AND FLUSH EXISTING CONCRETE SLAB-ON-GRADE. ENSURE EXISTING CONCRETE SLAB-ON-GRADE IS ACCEPTABLE FOR INSTALLATION OF NEW WALL CONSTRUCTION AND NEW FLOOR FINISHES.
- REMOVE AND DISPOSE OF EXISTING WALL MOUNTED WOOD PANELING IN ITS ENTIRETY. PATCH, REPAIR, MAKE SMOOTH AND FLUSH EXISTING CONCRETE SLAB-ON-GRADE AND EXISTING EXTERIOR MASONRY WALL. ENSURE THEY ARE ACCEPTABLE FOR INSTALLATION OF NEW WALL CONSTRUCTION AND NEW FLOOR FINISHES.
- REMOVE AND DISPOSE OF EXISTING VINYL COMPOSITE TILE FLOORING (VCT-D) FINISH AND RUBBER WALL BASE IN ITS ENTIRETY. REMOVE ANY MASTICS/ADHESIVES. ENSURE FLOOR SLAB IS ACCEPTABLE FOR THE INSTALLATION OF NEW FLOOR FINISHES AND WALL CONSTRUCTION. GRIND THE EXISTING CONCRETE SLAB IN ITS ENTIRETY TO PROVIDE A SMOOTH AND FLUSH SURFACE.
- REMOVE AND DISPOSE OF EXISTING WOOD FLOOR (WD-D) FINISH AND RUBBER WALL BASE IN ITS ENTIRETY. REMOVE ANY MASTICS/ADHESIVES. ENSURE FLOOR SLAB IS ACCEPTABLE FOR THE INSTALLATION OF NEW FLOOR FINISHES AND WALL CONSTRUCTION. GRIND THE EXISTING CONCRETE SLAB IN ITS ENTIRETY TO PROVIDE A SMOOTH AND FLUSH SURFACE.
- REMOVE AND DISPOSE OF EXISTING RUBBER TILE FLOOR (RFL-D) FINISH AND RUBBER WALL BASE IN ITS ENTIRETY. REMOVE ANY MASTICS/ADHESIVES. ENSURE FLOOR SLAB IS ACCEPTABLE FOR THE INSTALLATION OF NEW FLOOR FINISHES AND WALL CONSTRUCTION. GRIND THE EXISTING CONCRETE SLAB IN ITS ENTIRETY TO PROVIDE A SMOOTH AND FLUSH SURFACE.
- REMOVE AND DISPOSE OF EXISTING FIRE-RATED HOLLOW METAL DOOR, DOOR FRAME AND ASSOCIATED HARDWARE IN ITS ENTIRETY.
- REMOVE AND DISPOSE OF EXISTING WOOD DOOR, HOLLOW METAL DOOR FRAME AND ASSOCIATED HARDWARE IN ITS ENTIRETY.
- REMOVE AND DISPOSE OF EXISTING SINK, FAUCET AND ASSOCIATED PLUMBING. CUT BACK AND REMOVE ANY UNUSED PLUMBING LINES. CAP AT MAINS IN CONCEALED SPACES. REFER TO MECHANICAL DRAWINGS.
- REMOVE AND DISPOSE OF EXISTING WATER CLOSET AND ASSOCIATED PLUMBING. CUT BACK AND REMOVE ANY UNUSED PLUMBING LINES. CAP AT MAINS IN CONCEALED SPACES. PATCH, REPAIR, MAKE GOOD AND FLUSH EXISTING SLAB-ON-GRADE IN PREPARATION FOR NEW WALL CONSTRUCTION AND FLOOR FINISHES. REFER TO MECHANICAL DRAWING.
- REMOVE AND DISPOSE OF EXISTING FITMENTS (D) INDICATES DEMOLISH AND (R) INDICATES TURN OVER TO OWNER. LIST OF FITMENTS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: PAPER TOWEL DISPENSER (PT-R), HAND DRYER (HD-D), SOAP/ANTISEPTIC DISPENSER (SD-R), TOILET PAPER DISPENSERS (TP-R), COAT HOOKS AND WALL MOUNTED GRAB BARS (GB-D).
- REMOVE AND DISPOSE OF THE FOLLOWING LIST OF EXISTING ELECTRICAL DEVICES: POWER RECEPTACLE (P-R), OUTLET (P-D), DATA OUTLET (D-D), RECEPTACLE (R-D), LIGHT SWITCH (LS-D), TELEPHONE (TE-D), (TEL-D). REMOVE ALL ASSOCIATED WIRING AND CONDUIT. CUT BACK AND REMOVE ANY UNUSED WIRING AND CONDUITS. CAP AT MAINS IN CONCEALED SPACES. AT LOCATIONS WHERE ELECTRICAL DEVICES ARE REMOVED AND THE EXISTING WALL IS TO REMAIN, PROVIDE A NEW COVER PLATE. REFER TO ELECTRICAL FOR EXACT FIXTURE AND SCOPE OF WORK.
- EXISTING LOOSE FURNITURE TO BE UNINSTALLED AND REMOVED BY OWNER (CHAIRS, TABLES, SHELVING, ETC.).
- REMOVE AND DISPOSE OF EXISTING MILLWORK UNITS (UPPER AND LOWER), INCLUDING ALL ASSOCIATED COUNTERTOPS, GABLES, DOORS, AND HARDWARE. WHERE WALLS ARE TO REMAIN, PATCH, REPAIR, MAKE GOOD AND FLUSH IN PREPARATION OF NEW WALL CONSTRUCTION AND FINISHES. PATCH, REPAIR, MAKE SMOOTH AND LEVEL EXISTING CONCRETE SLAB ON GRADE IN PREPARATION FOR THE INSTALLATION OF NEW FLOOR FINISHES AND WALL CONSTRUCTION.
- REMOVE APPLIANCES (REFRIGERATOR, STOVE, ETC.) AND TURN OVER TO OWNER.
- DF-R = REMOVE AND STORE EXISTING WALL MOUNTED DRINKING FOUNTAIN UNIT AND ALL ASSOCIATED PLUMBING CONNECTIONS. REFER TO MECHANICAL DRAWINGS.
- REMOVE AND DISPOSE OF EXISTING WHITEBOARD (WB-D) AND TACKBOARD (TB-D) IN ITS ENTIRETY.
- OWNER TO REMOVE DIGITAL SCREENS, COMPUTERS, SERVERS, SHREDDERS, PRINTERS/COPERS AND OTHER ELECTRONIC DEVICES.
- REMOVE AND DISPOSE OF EXISTING PRINTER/COPIER, SHREDDER AND OTHER ELECTRONIC DEVICES.
- REMOVE AND DISPOSE OF EXISTING SURFACE MOUNTED RADIATOR (RAD-D) AND ASSOCIATED WIRING AND CONDUIT. CUT BACK AND REMOVE ANY UNUSED WIRING AND CONDUIT. CAP AT MAINS IN CONCEALED SPACES. REFER TO MECHANICAL DRAWINGS.
- REMOVE AND DISPOSE OF EXISTING SURFACE MOUNTED RADIATOR (RAD-D) AND ASSOCIATED WIRING AND CONDUIT. CUT BACK AND REMOVE ANY UNUSED WIRING AND CONDUIT. CAP AT MAINS IN CONCEALED SPACES. REFER TO MECHANICAL DRAWINGS.
- SAW CUT AND REMOVE EXISTING CONCRETE SLAB ON GRADE (SCG-D), INCLUDING VAPOUR BARRIER AND GRANULAR FILL IN ITS ENTIRETY FOR THE EXTENT INDICATED ON THE GROUND FLOOR PLAN AND SECTIONS. SITE VERIFY ANY STRUCTURAL MEMBERS, MECHANICAL AND ELECTRICAL UNDERGROUND SERVICES PRIOR TO CUTTING. PROVIDE SCANNING AND XRAY OF FLOOR SLAB TO COMPLETE THE REMOVAL WORK. PATCH, REPAIR, MAKE SMOOTH, AND FLUSH EXISTING CONCRETE SLAB IN PREPARATION FOR NEW CONCRETE SLAB-ON-GRADE TYPE F1. REFER TO ARCHITECTURAL DRAWING A0.1 FOR CONSTRUCTION ASSEMBLY FLOOR TYPE. REFER TO STRUCTURAL DRAWINGS.
- REMOVE EXISTING AUTOMATED EXTERNAL DEFIBRILLATOR (AED-R) AND TURN OVER TO OWNER FOR REINSTALLATION.
- REMOVE AND DISPOSE OF EXISTING FIRE SAFETY DEVICES AND EQUIPMENT: EXISTING FIRE EXTINGUISHER (FE-D), EXISTING FIRE BELL (FB-D), REFER TO ELECTRICAL DRAWINGS.
- REMOVE, STORE AND PROTECT EXISTING FIRE EXTINGUISHER (FE-R) FOR REINSTALLATION AFTER WORK IS COMPLETE. REFER TO MECHANICAL DRAWINGS.

GENERAL DEMOLITION NOTES

- REMOVE ALL LOOSE WALL MOUNTED FRAMES AND FITMENTS ON MASONRY PARTITIONS TO REMAIN. HAND OVER TO THE OWNER AND REMOVE FASTENERS AND PATCH AND MAKE FLUSH SURFACES PRIOR TO PROVIDING NEW PART FINISH.
- REMOVE FURNITURE AND MATERIALS ARE TO BE REMOVED BY THE SCHOOL BOARD PRIOR TO CONSTRUCTION START.
- LOOSE TO LEAD PAINT SURVEY AND ASBESTOS AUDIT REPORT IN THE PROJECT MANUAL. TO CONFIRM LOCATIONS OF HAZARDOUS MATERIALS AND ANY AND ALL REQUIREMENTS FOR ABATEMENT. ABATEMENT WORK IS INCLUDED IN THE BASE CONTRACT. ADDITIONAL HAZARDOUS MATERIALS NOT DESCRIBED IN THE LEAD PAINT SURVEY AND ASBESTOS AUDIT REPORT AND DISCOVERED BY THE CONTRACTOR IN THE AREA OF WORK, WILL BE REMOVED AND DISPOSED OF THROUGH THE PROJECT CASH ALLOWANCE.
- REMOVE ALL EXISTING WALL MOUNTED ROOM SIGNAGE AND HAND OVER TO THE OWNER FOR STORAGE. REINSTALL EXISTING WALL MOUNTED ROOM SIGNS AT COMPLETION OF THE WORK WHERE DIRECTED BY THE OWNER.
- NEW INTERIOR ROOM SIGNAGE SUPPLY AND INSTALLATION IS CARRIED IN THE PROJECT CASH ALLOWANCE.
- CONTRACTOR IS RESPONSIBLE TO SITE VERIFY ALL EXISTING SITE CONDITIONS AND EXTENT OF DEMOLITION WORKS AS REQUIRED TO COMPLETE THE WORK, PRIOR TO TENDER CLOSE.
- PROVIDE DUST-PROOF PLASTIC MEMBRANES (MINIMUM 10 MIL POLY) AT THE JUNCTION BETWEEN EXISTING BUILDING AREAS AND CONSTRUCTION WORK AREAS TO ENSURE CONSTRUCTION DUST AND DEBRIS DOES NOT PENETRATE INTO BUILDING SPACES.

NOTE: THIS DRAWING IS NOT TO BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL SITE CONDITIONS AND FOR NOTIFYING THE ARCHITECT OF ANY SITE CONDITIONS AND SITE MEASUREMENTS THAT ARE NOT CONSISTENT WITH THE DRAWINGS.

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project
TRILLIUM JUNIOR PUBLIC SCHOOL INTERIOR RENOVATIONS
WATERLOO REGION DISTRICT SCHOOL BOARD

79 Laurentian Dr, Kitchener, ON N2E 1C3

PARTIAL GROUND FLOOR DEMOLITION AND PROPOSED PLANS
LEGEND AND NOTES

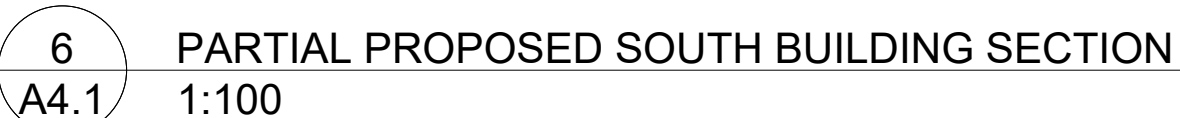
AS NOTED
ward99 project number
25022 - WRD53 TRILLIUM PS

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drawing no.

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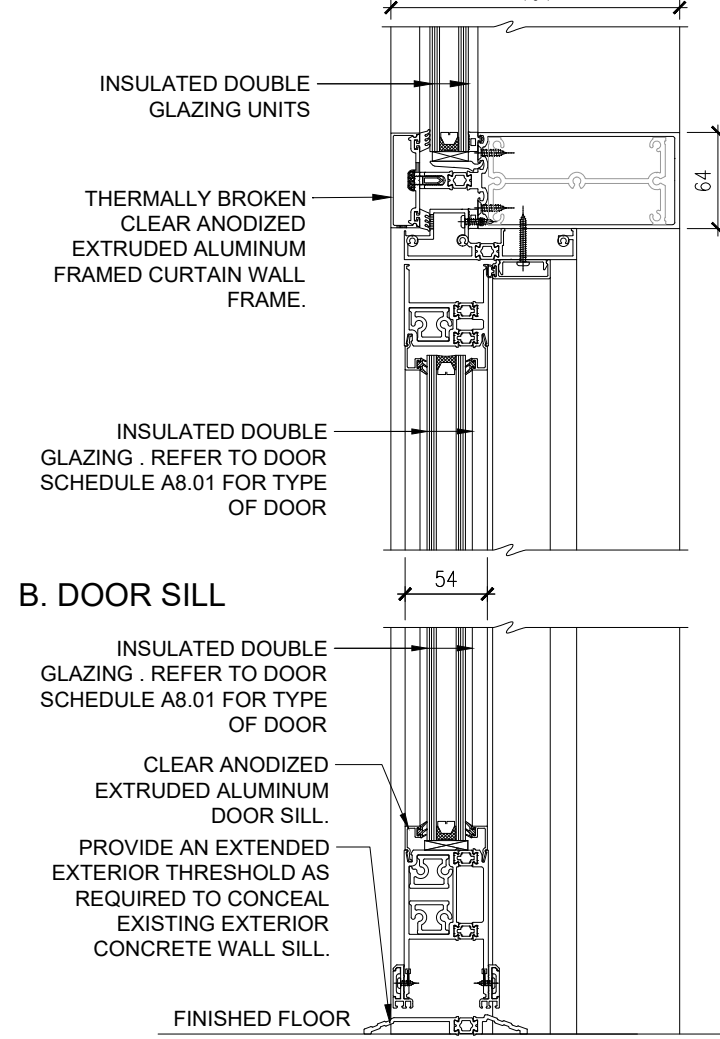
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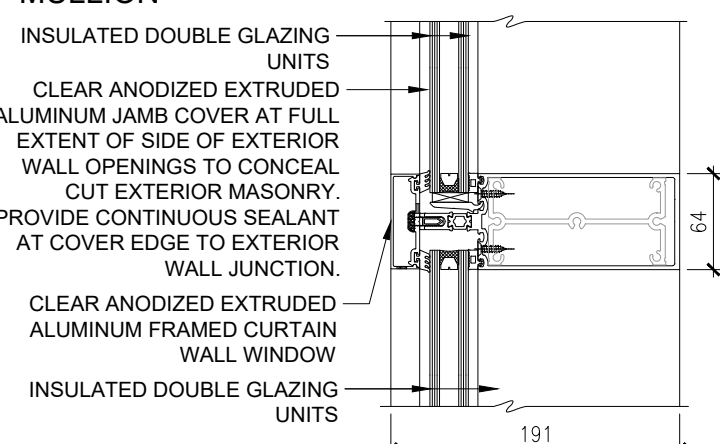
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A4.1

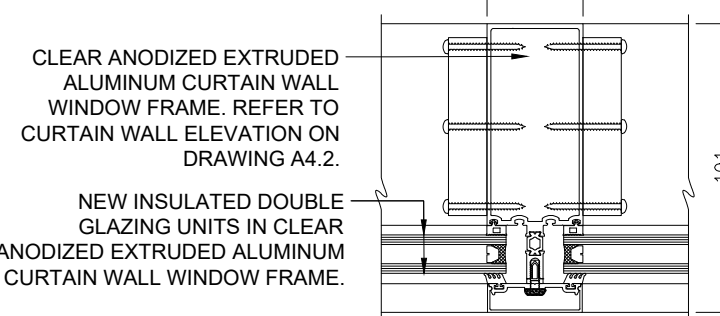
A. VISION PANEL TO DOOR



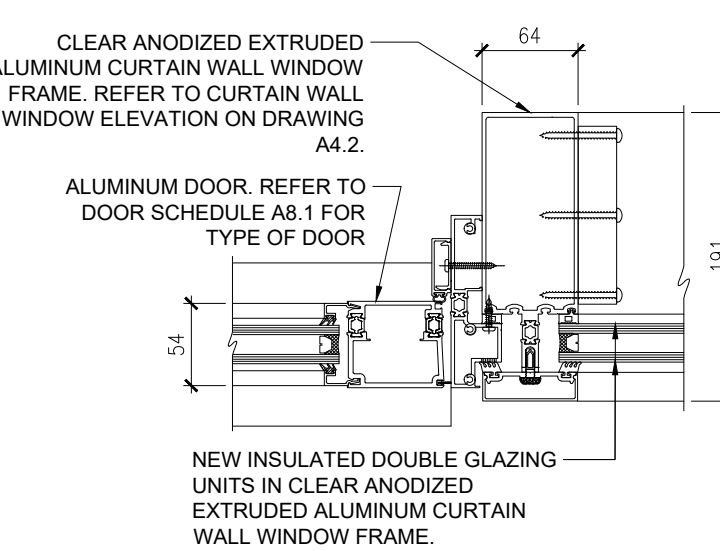
C. VISION PANEL VERTICAL INTERMEDIATE MULLION



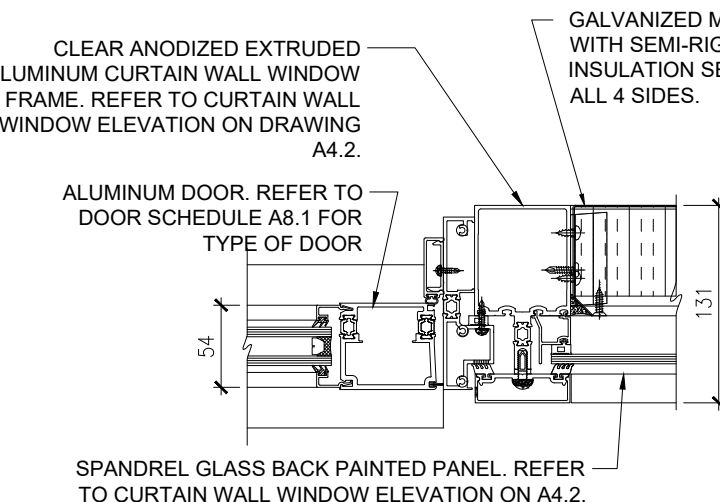
D. VISION PANEL HORIZONTAL INTERMEDIATE MULLION



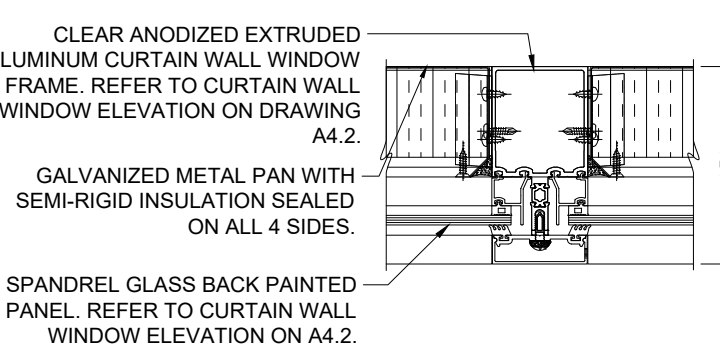
E. VISION PANEL TO DOOR HORIZONTAL INTERMEDIATE MULLION



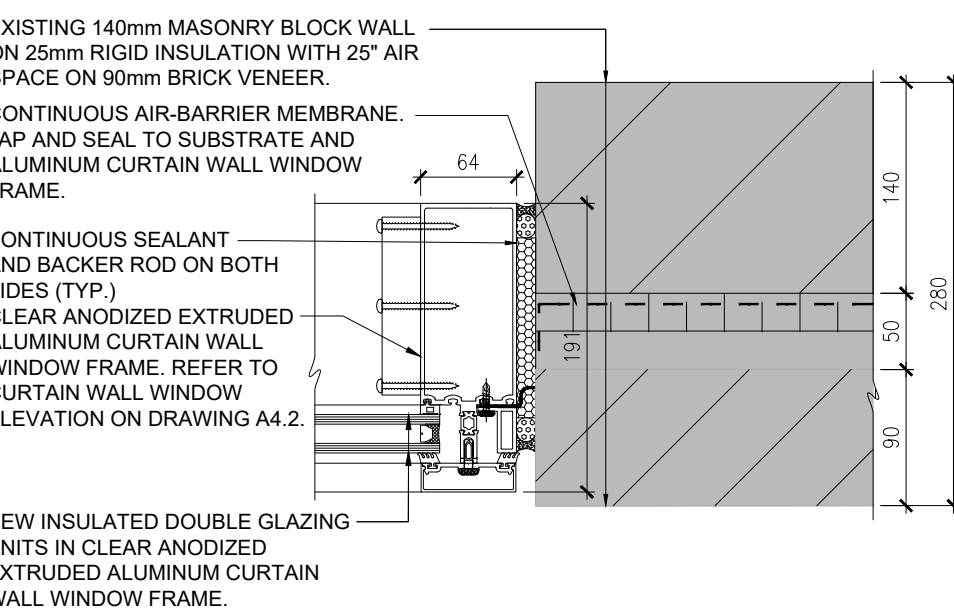
F. SPANDREL PANEL TO DOOR HORIZONTAL INTERMEDIATE MULLION



G. SPANDREL PANEL HORIZONTAL INTERMEDIATE MULLION

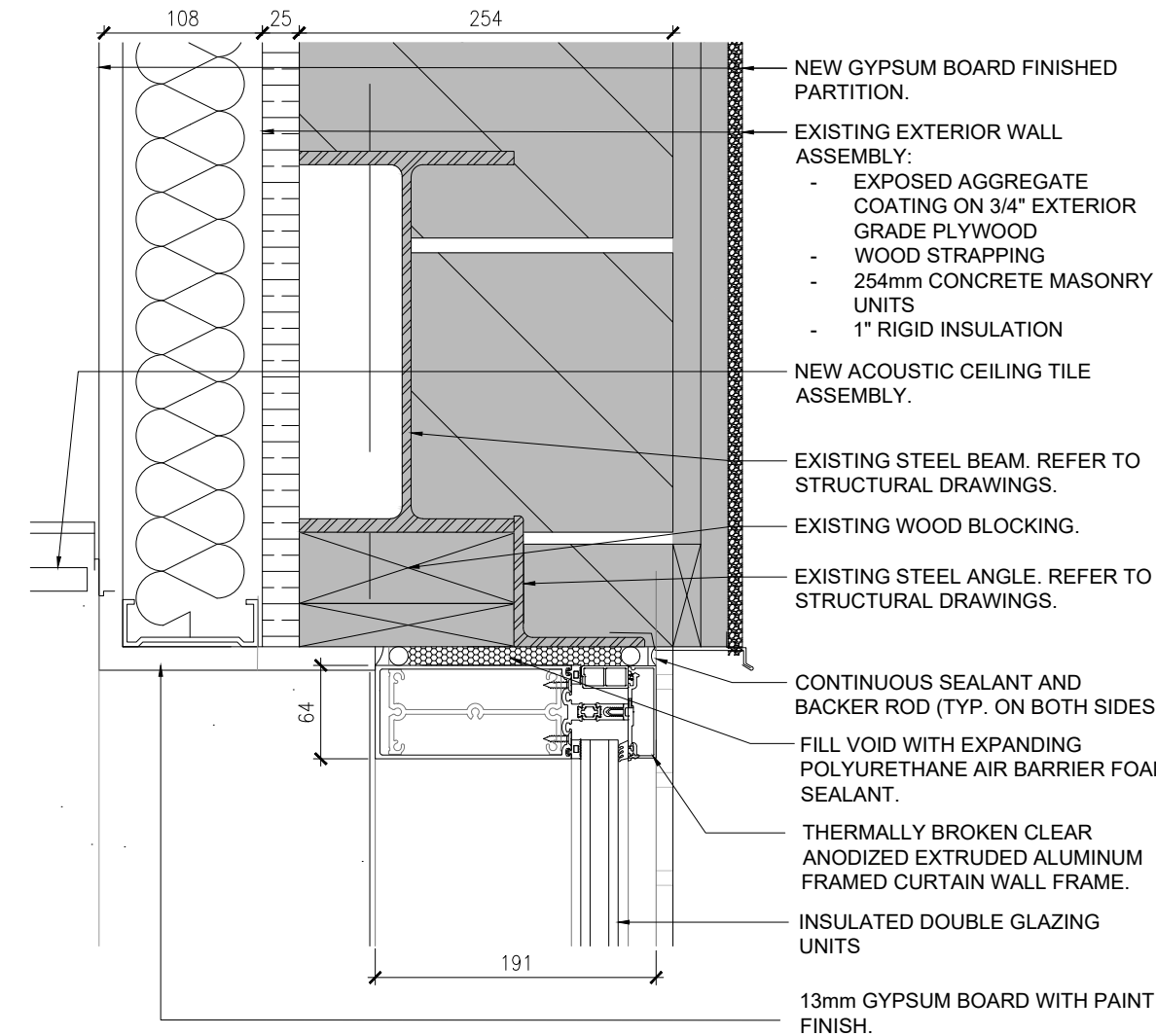


H. SCREEN JAMB

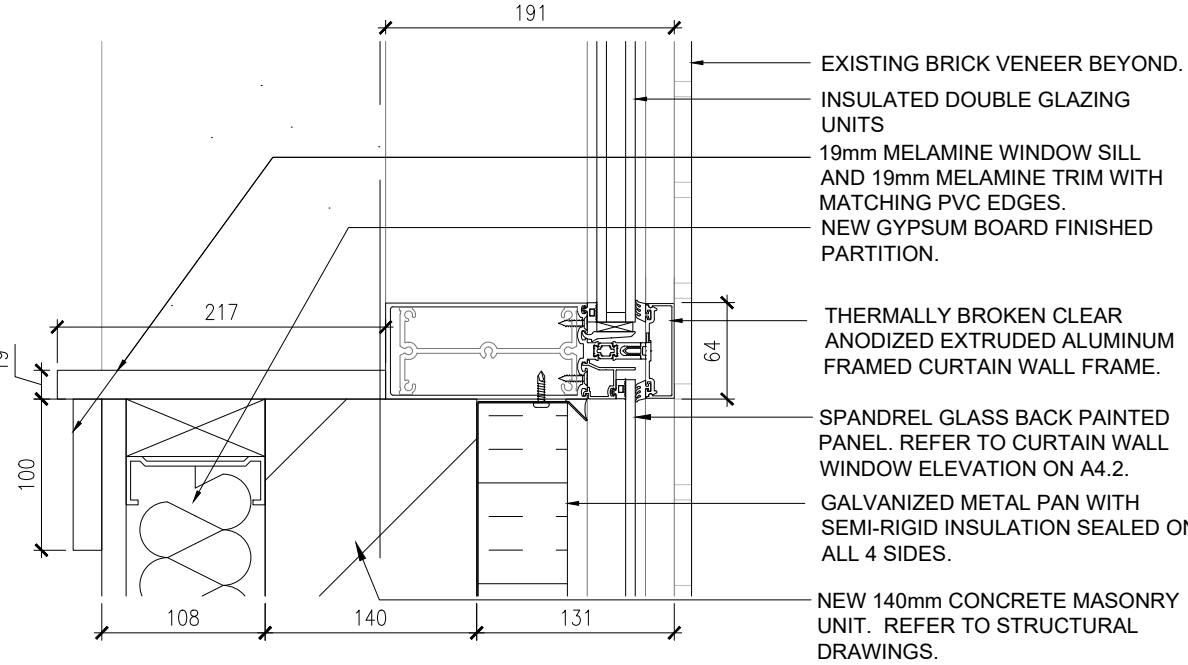


6 ALUMINUM CURTAIN WALL SCREEN DETAILS A4.2 1:5

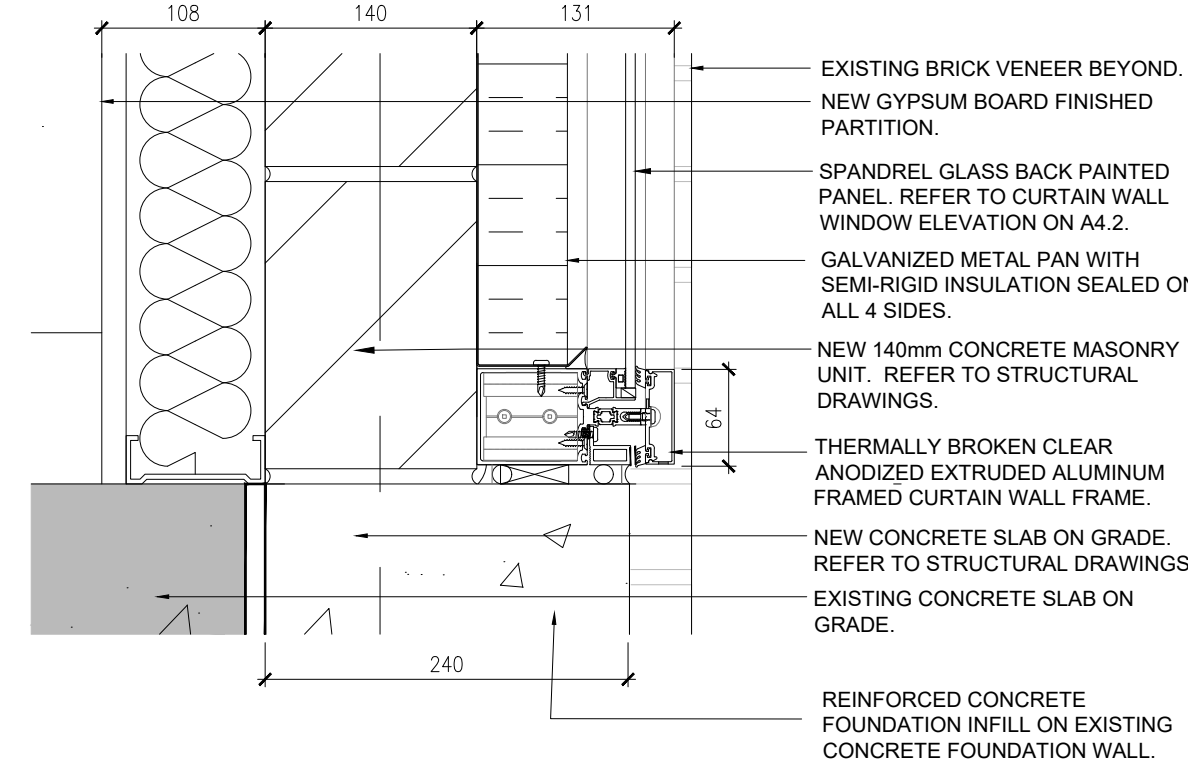
I. VISION PANEL HEADER



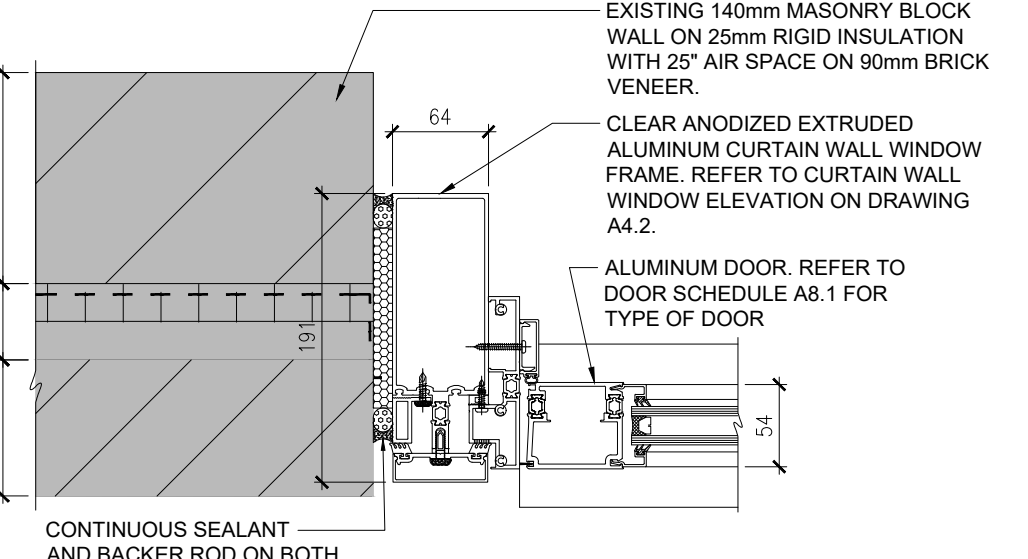
J. VISION PANEL TO VISION PANEL VERTICAL INTERMEDIATE MULLION



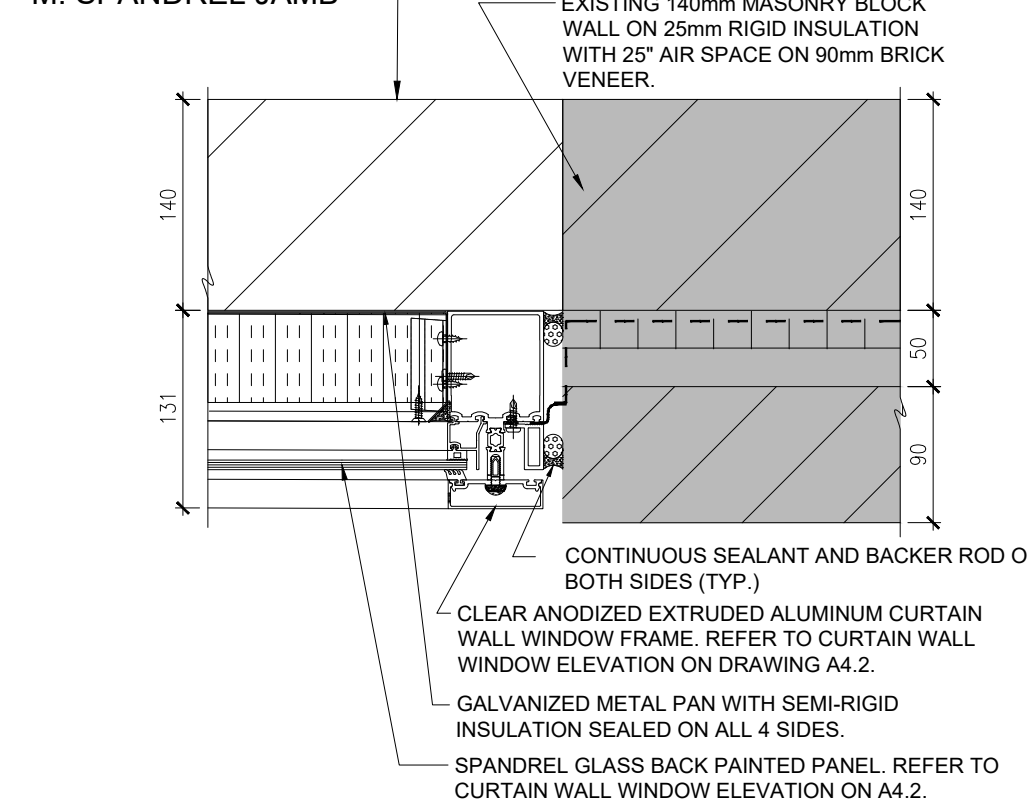
K. SPANDREL PANEL HEADER



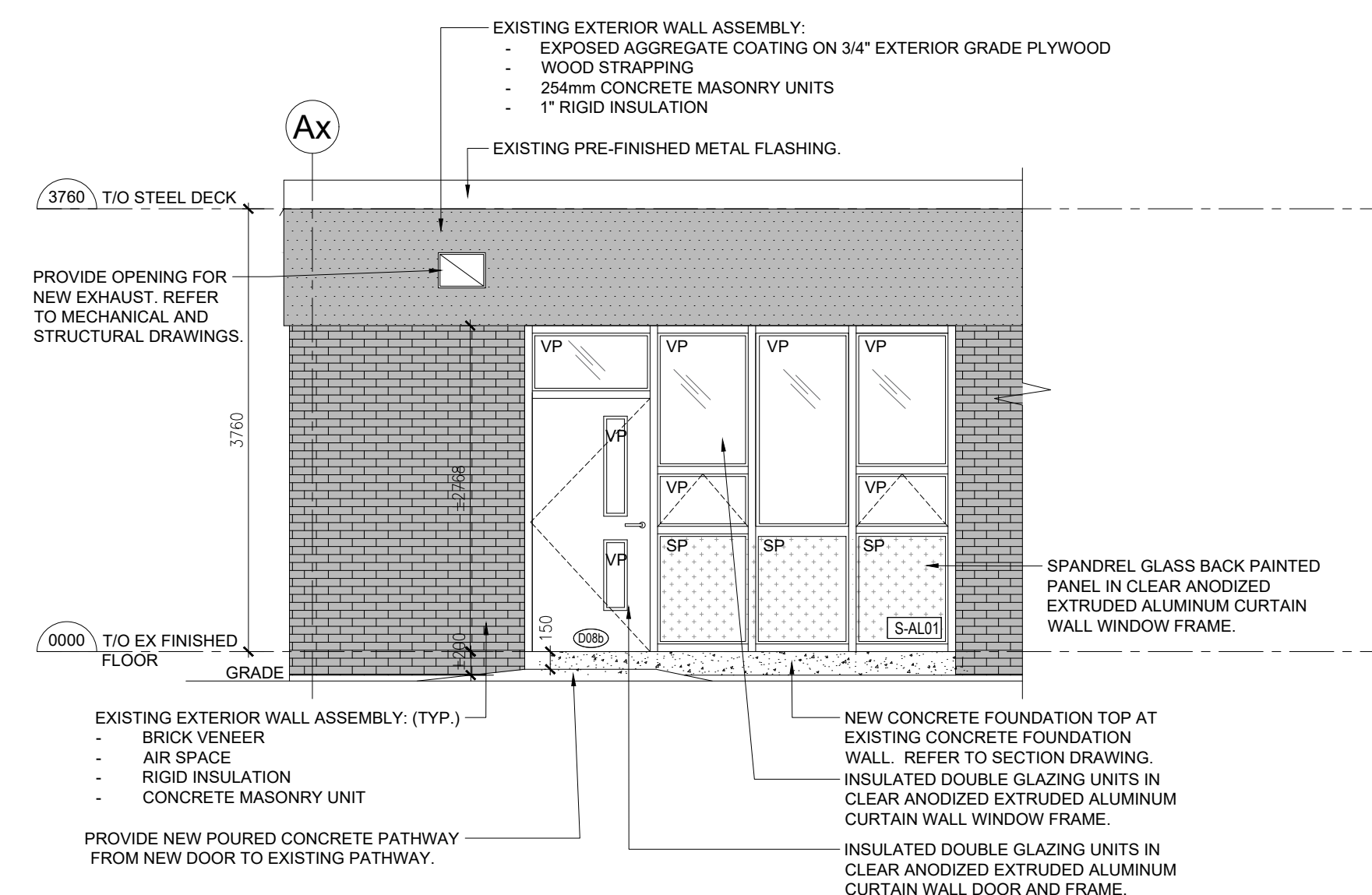
L. DOOR JAMB



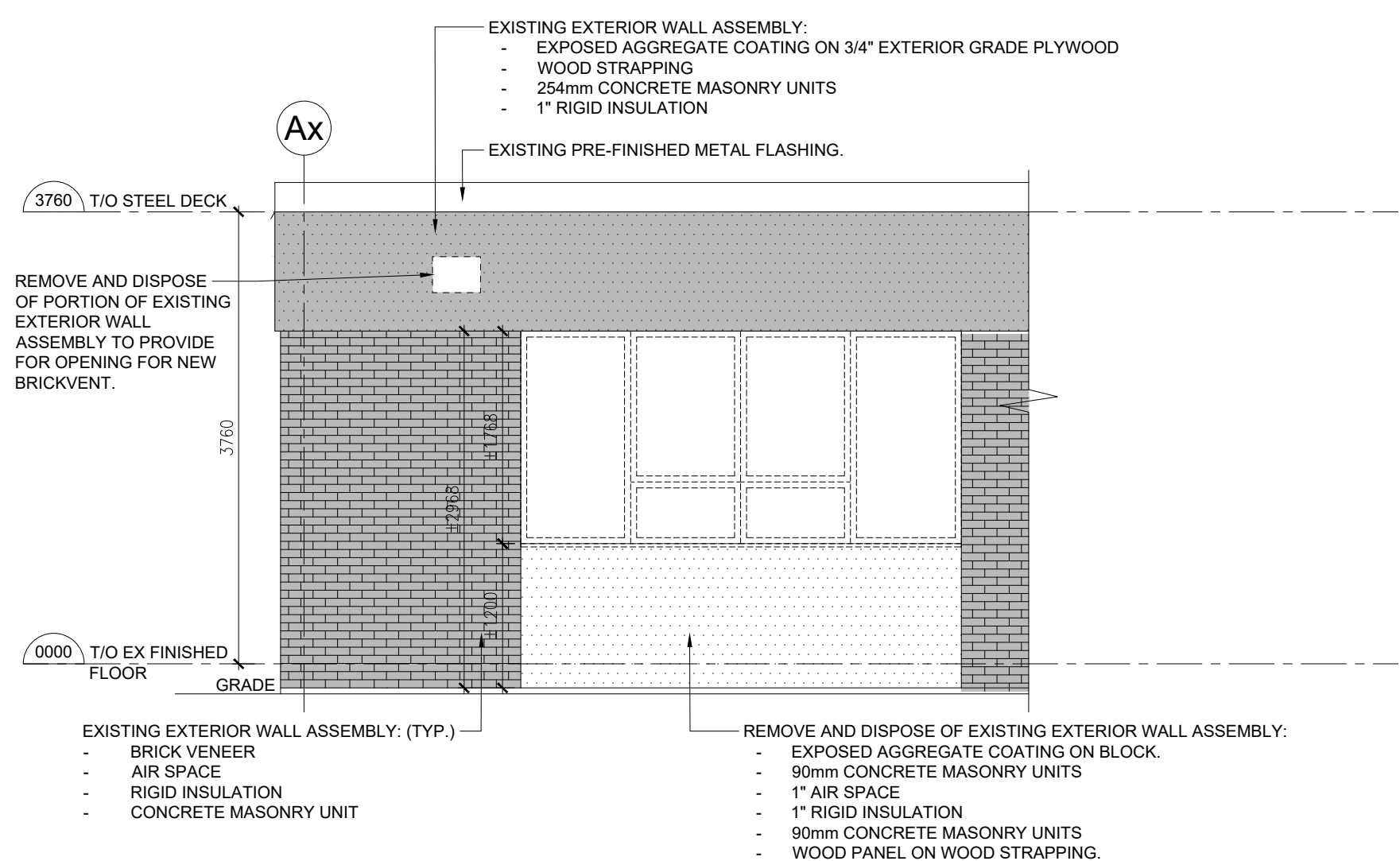
M. SPANDREL JAMB



5 ALUMINUM CURTAIN WALL SCREEN TYPES A4.2 1:100



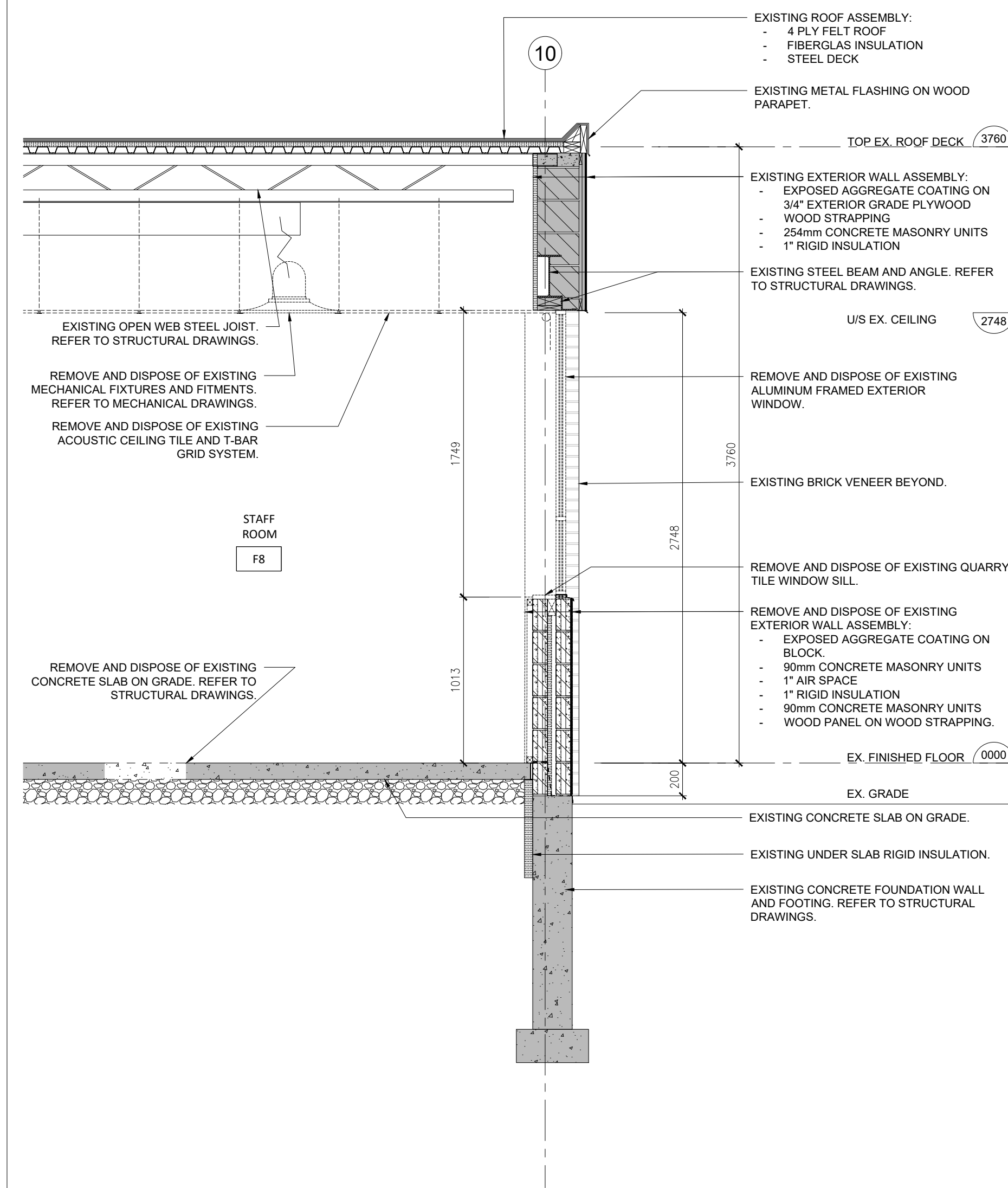
4 PARTIAL PROPOSED EXTERIOR ELEVATION A4.2 1:50



3 PARTIAL EXISTING EXTERIOR ELEVATION - DEMOLITION A4.2 1:50



2 PROPOSED WALL SECTION AT STAFF ROOM WINDOW A4.2 1:100



1 EXISTING WALL SECTION AT STAFF ROOM WINDOW - DEMOLITION A4.2 1:100



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project
TRILLIUM JUNIOR PUBLIC SCHOOL INTERIOR RENOVATIONS
WATERLOO REGION DISTRICT SCHOOL BOARD

79 Laurentian Dr, Kitchener, ON N2E 1C3

drawing

ELEVATIONS, SECTIONS AND DETAILS

drawing scale

AS NOTED

ward99 project number

25022 - WRDSB TRILLIUM PS

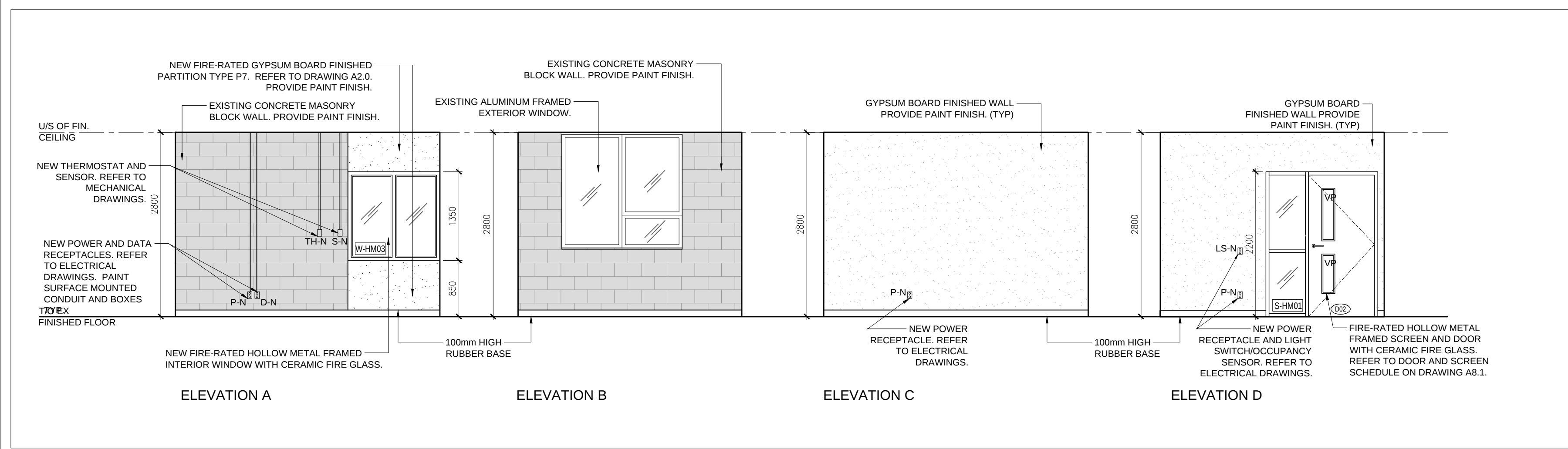
ward99 architects

drawing no.

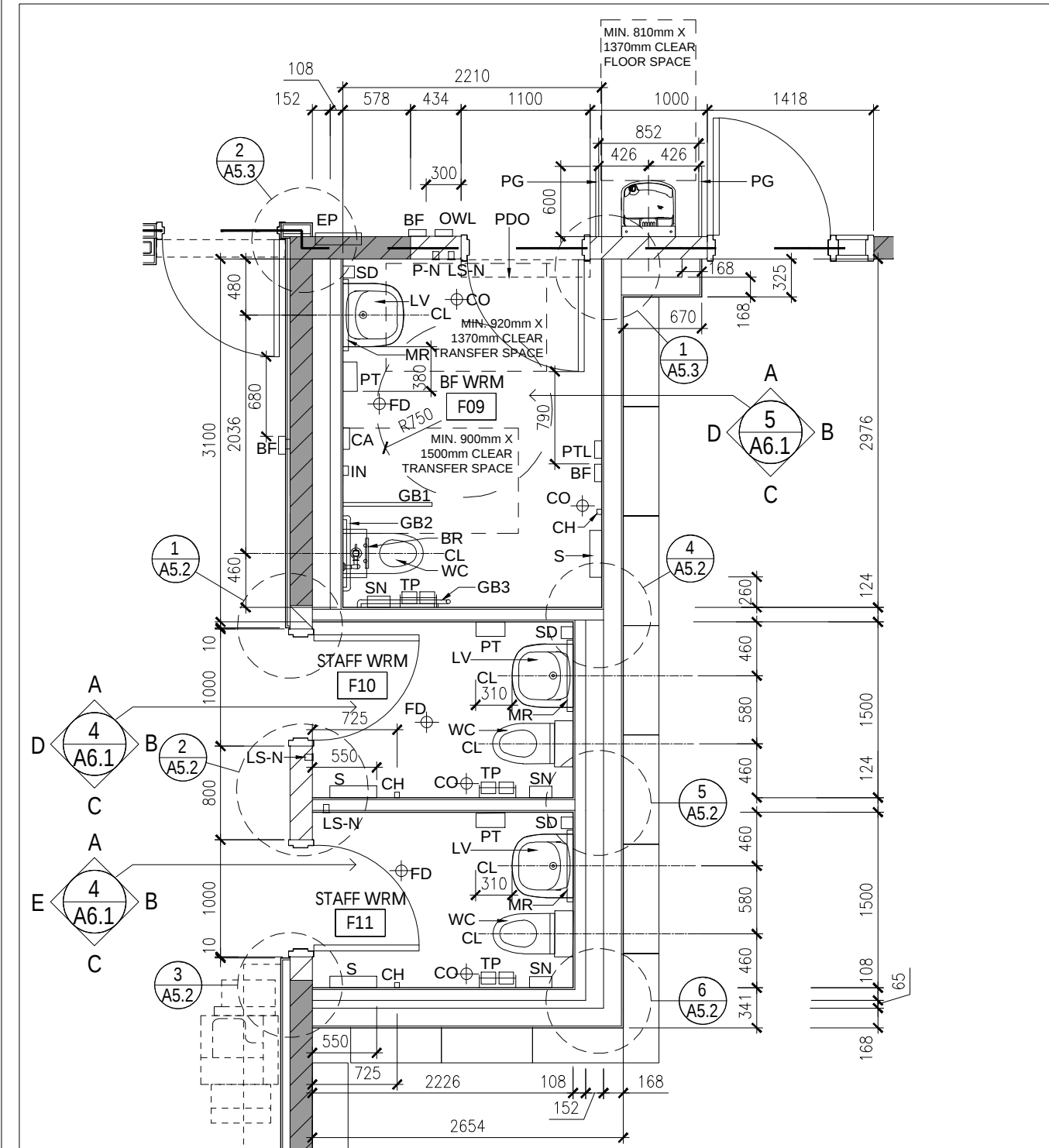
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A4.2



9
A6.1 INTERIOR ELEVATION AT PRINCIPAL'S OFFICE F2
1:50



7
A6.1 WASHROOMS KEY PLAN
1:50

WASHROOM FIXTURES AND ACCESSORIES LEGEND

THE FOLLOWING WASHROOM ACCESSORIES ARE SUPPLIED AND INSTALLED BY THE CONTRACTOR, EXCEPT WHERE NOTED OTHERWISE BELOW. REFER ALSO TO SPECIFICATIONS.

CH = COAT HOOK (BARRIER-FREE) - INSTALL AT A HEIGHT OF 965mm MEASURED FROM CENTRE OF HOOK TO TOP OF FINISHED FLOOR.

S = SHELF (BARRIER-FREE) - INSTALL AT MAXIMUM HEIGHT OF 1100mm FROM TOP OF SHELF TO TOP OF FINISHED FLOOR.

MR = FIXED FRAME MIRROR (610mm W x 915mm H) - INSTALL AT 950mm FROM UNDERSIDE OF MIRROR TO TOP OF FINISHED FLOOR TO COMPLY WITH BARRIER-FREE REQUIREMENTS.

GB1 = FOLD DOWN GRAB BAR (760mm BY 280mm COMPLETE WITH WALL ANCHOR) - WALL MOUNT AT MAXIMUM HEIGHT OF 800mm FROM TOP OF GRAB BAR TO TOP OF FINISHED FLOOR. INCLUDE FOR SAFETY RAIL AND INTEGRATED TOILET PAPER DISPENSER (TP) ON ONE FOLD-DOWN GRAB-BAR.

GB2 = STRAIGHT GRAB BAR (600mm LONG COMPLETE WITH ESCUTCHEONS) - INSTALL ALIGNED WITH THE CENTRE LINE OF THE TOILET AT A MAXIMUM HEIGHT OF 820mm FROM THE CENTRE LINE OF THE GRAB BAR TO THE TOP OF FINISHED FLOOR. MINIMUM HEIGHT OF 800mm FROM THE CENTRE LINE OF THE GRAB BAR TO THE TOP OF FINISHED FLOOR. WALL MOUNT AND PROVIDE A CLEARANCE OF 40mm BETWEEN GRAB BAR AND WALL SURFACE.

GB3 = L-SHAPED GRAB BAR (760mm BY 760mm COMPLETE WITH ESCUTCHEONS) - WALL MOUNT AT 150mm FROM VERTICAL BAR OUTSIDE EDGE TO EDGE OF TOILET AND AT MAXIMUM HEIGHT OF 750mm FROM CENTRE LINE OF HORIZONTAL GRAB BAR TO TOP OF FINISHED FLOOR.

BR = WALL MOUNTED TOILET BACK REST.

SN = WALL MOUNTED SANITARY NAPKIN DISPOSAL BIN SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. INSTALL 600mm FROM TOP OF BIN TO TOP OF FINISHED FLOOR. LOCATION TO BE CONFIRMED ON SITE WITH THE OWNER PRIOR TO INSTALLATION. SN IS SUPPLIED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.

SD = WALL MOUNTED SOAP DISPENSER SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. MOUNT AT 950mm TO UNDERSIDE FROM FINISHED FLOOR. LOCATE ON WALL WITHIN 500mm FROM FRONT EDGE OF LAVATORY. SD IS SUPPLIED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.

BF = AUTOMATIC WALL MOUNTED PUSH BUTTON. REFER TO ELECTRICAL DRAWINGS AND HARDWARE LIST. MOUNT NOT MORE THAN 1000mm FROM TOP OF DOOR ACTUATOR TO TOP OF FINISHED FLOOR.

PDO = OVERHEAD POWER DOOR OPERATOR. REFER TO ELECTRICAL DRAWINGS AND HARDWARE LIST.

PTL = AUTOMATIC PUSH BUTTON DOOR LOCK. REFER TO ELECTRICAL DRAWINGS AND HARDWARE LIST.

OWL = OCCUPIED WHEN/IT BUTTON. REFER TO ELECTRICAL DRAWINGS.

CA = EMERGENCY CALL SYSTEM; CALL ASSIST PUSH BUTTON. REFER TO ELECTRICAL DRAWINGS. PROVIDE WALL MOUNTED EMERGENCY SIGN THAT CONTAINS THE WORDS "IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON OR PANIC STRIP AND AUDIBLE AND VISUAL WALL ACTIVATE". MOUNT SIGN ABOVE THE EMERGENCY PUSH BUTTON. REFER TO ELECTRICAL DRAWINGS.

TP = TOWEL TISSUE DISPENSER IS SUPPLIED AND INSTALLED WITH THE FOLD DOWN GRAB BAR AND WALL MOUNTED TOWEL TISSUE DISPENSER IS SUPPLIED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.

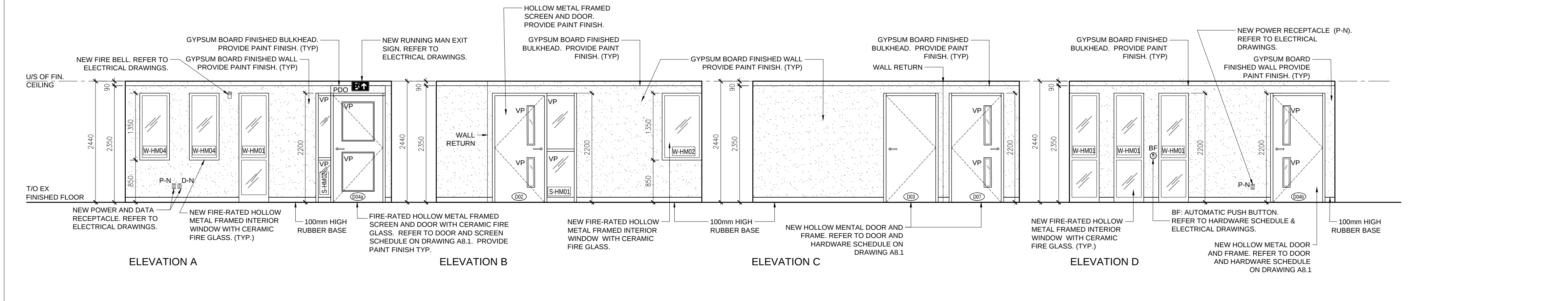
PT = WALL MOUNTED PAPER TOWEL DISPENSER SUPPLIED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.

LV = WALL MOUNTED LAVATORY. AT BARRIER-FREE WASHROOM, PROVIDE BARRIER-FREE LAVATORY WITH KNEE SHROUD. REFER TO MECHANICAL DRAWINGS.

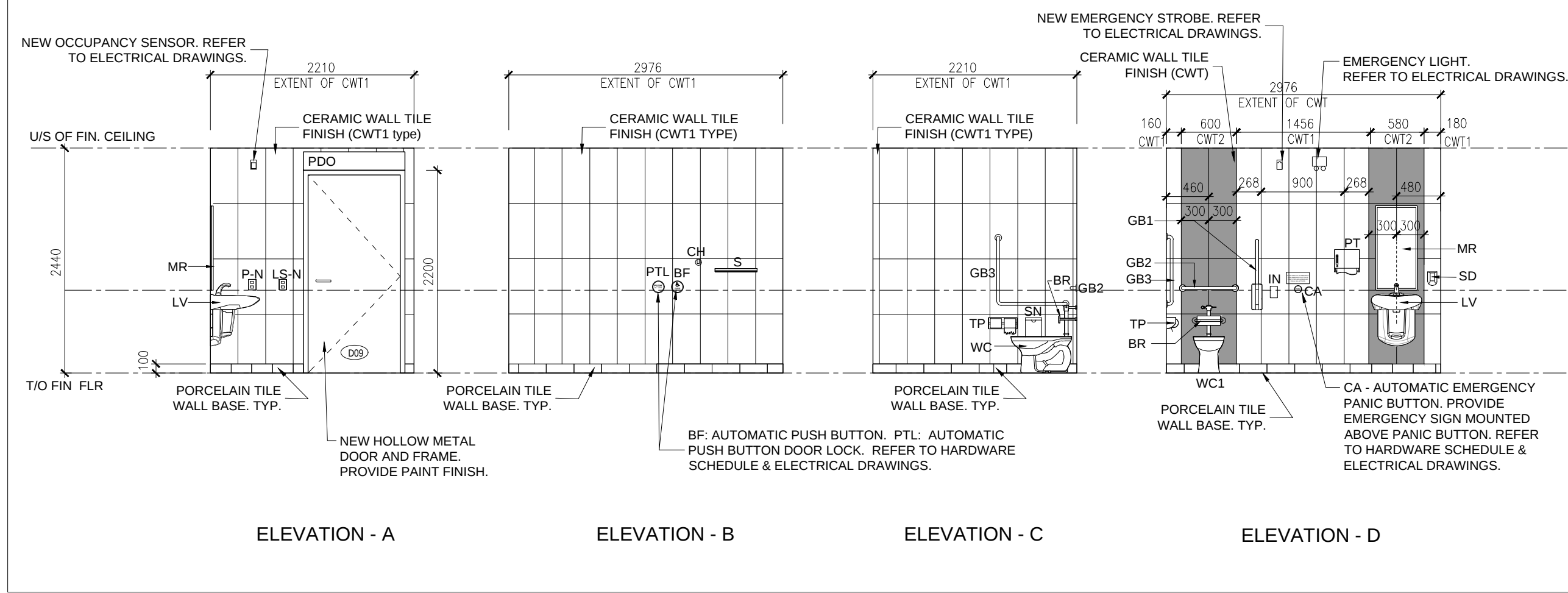
WC = FLOOR MOUNTED WATER CLOSET.

NOTES:

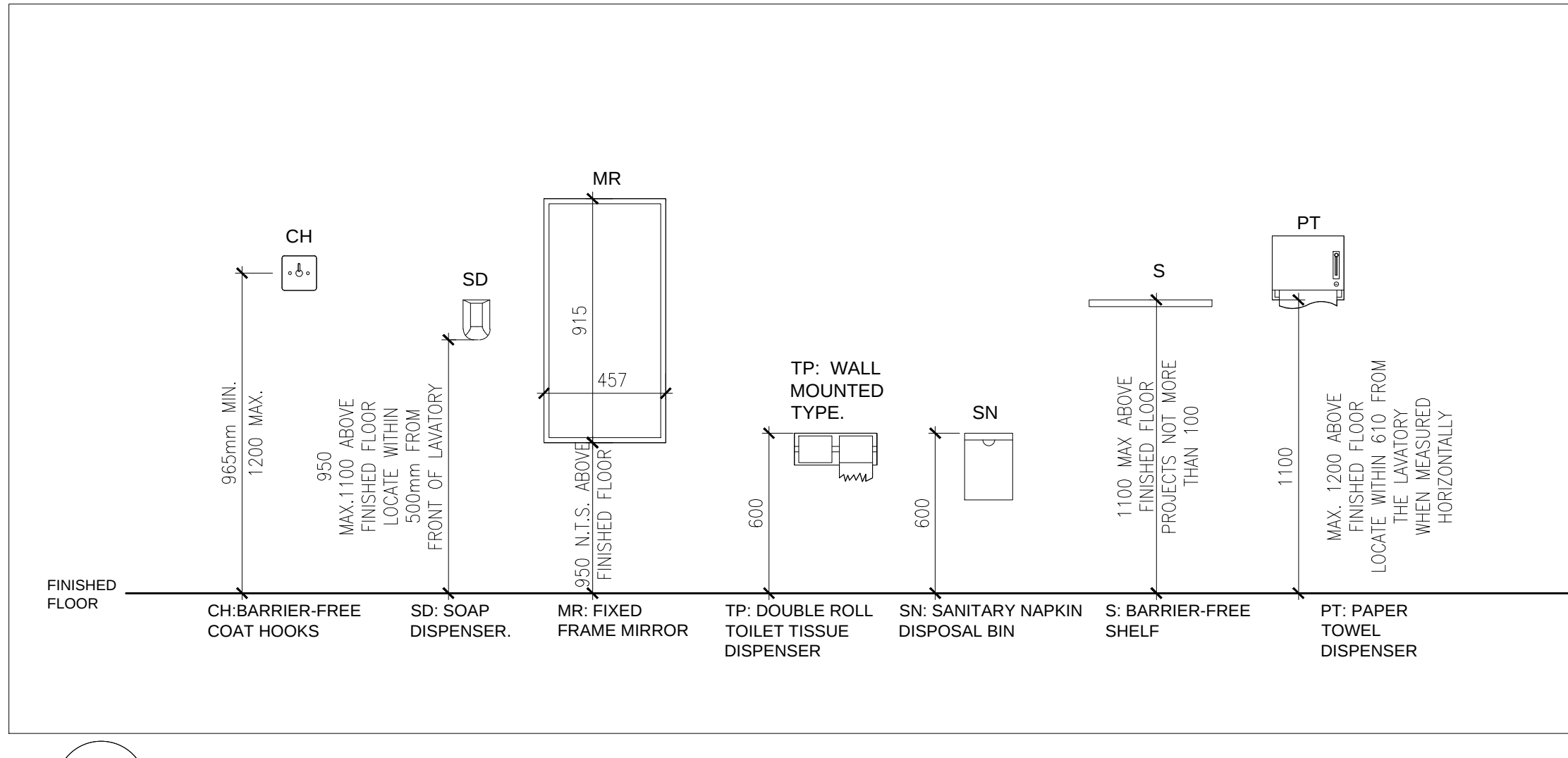
- PROVIDE CONTINUOUS WOOD BLOCKING IN GYPSUM BOARD FINISHED STEEL STUD PARTITIONS AS REQUIRED TO SECURE WALL MOUNTED WASHROOM ACCESSORIES.
- REFER TO DRAWING 2/A6.1 FOR BARRIER-FREE WATER CLOSET REQUIREMENTS.
- REFER TO DRAWING 2/A6.1 FOR BARRIER-FREE LAVATORY REQUIREMENTS.
- REFER TO DRAWING 2/A6.1 FOR MOUNTING HEIGHTS OF WASHROOM ACCESSORIES.
- FD = NEW FLOOR DRAIN. REFER TO MECHANICAL DRAWINGS.
- CO = NEW CLEANOUT. REFER TO MECHANICAL DRAWINGS.
- P-N = NEW POWER RECEPTACLE. REFER TO ELECTRICAL DRAWINGS.
- LS-N = NEW LIGHT SWITCH/SENSOR. REFER TO ELECTRICAL DRAWINGS.
- PG = WALL MOUNTED PHENOLIC GABLE. REFER TO SPECIFICATIONS.
- IN = INTERCOM. REFER TO ELECTRICAL DRAWINGS.



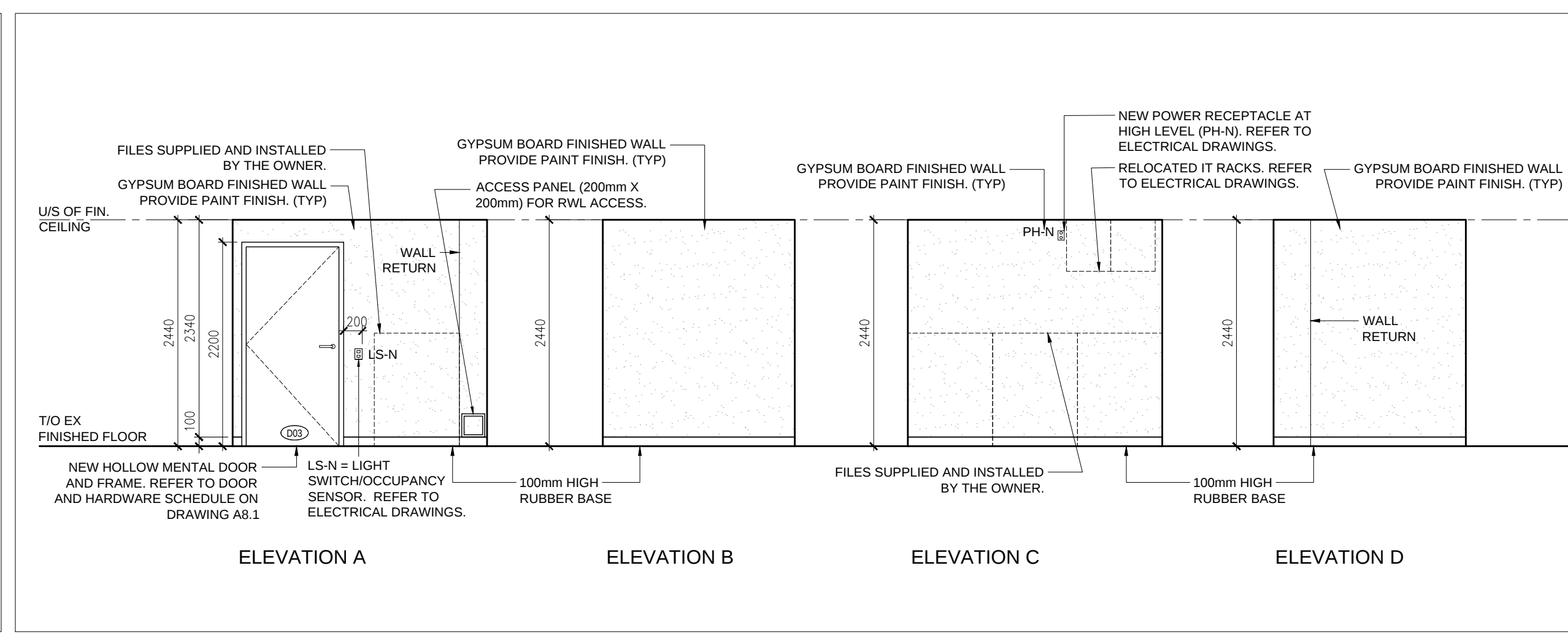
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A6.1 INTERIOR ELEVATION AT MAIN OFFICE F4
1:50



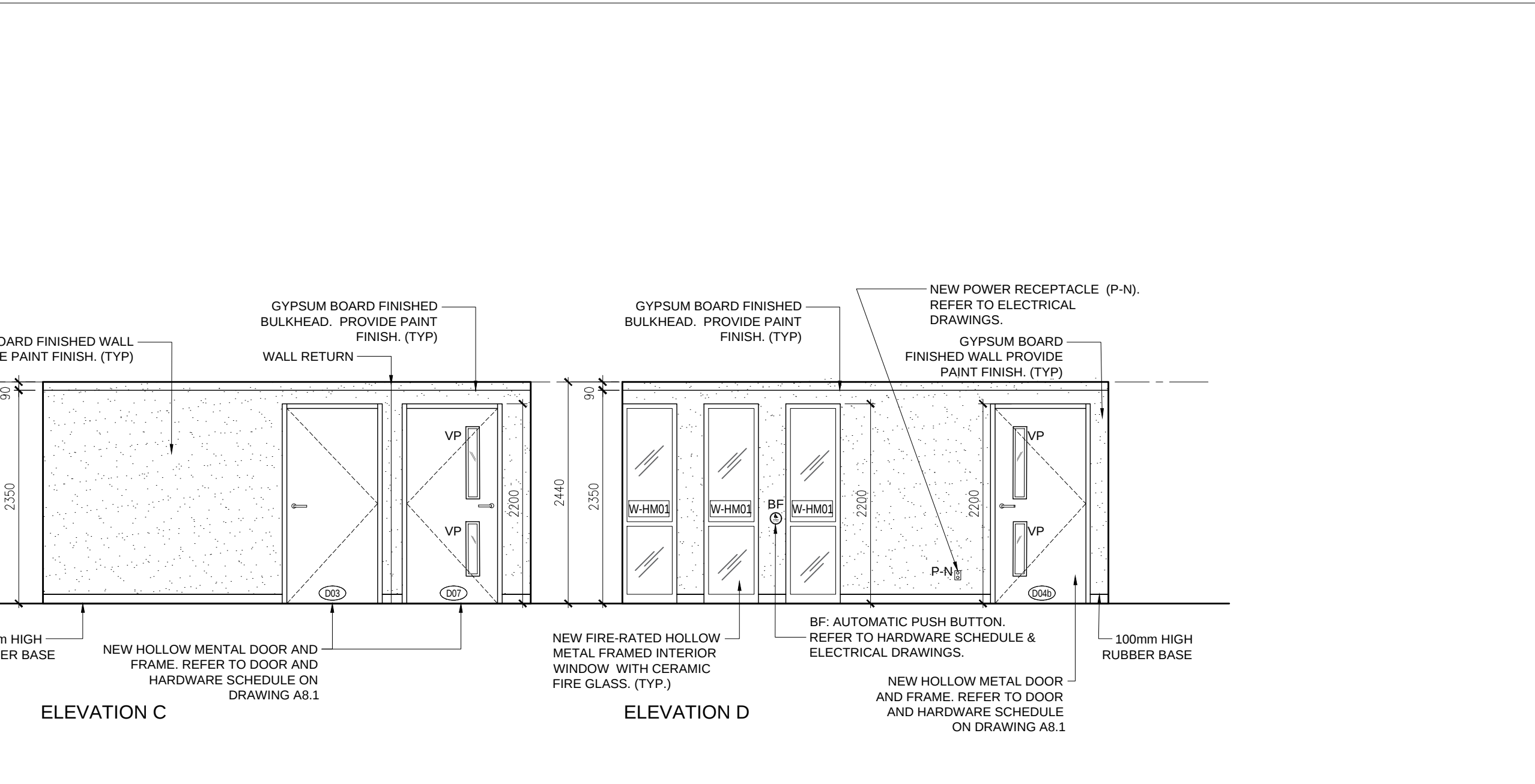
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A6.1 INTERIOR ELEVATIONS AT BARRIER FREE WASHROOM F9
1:50



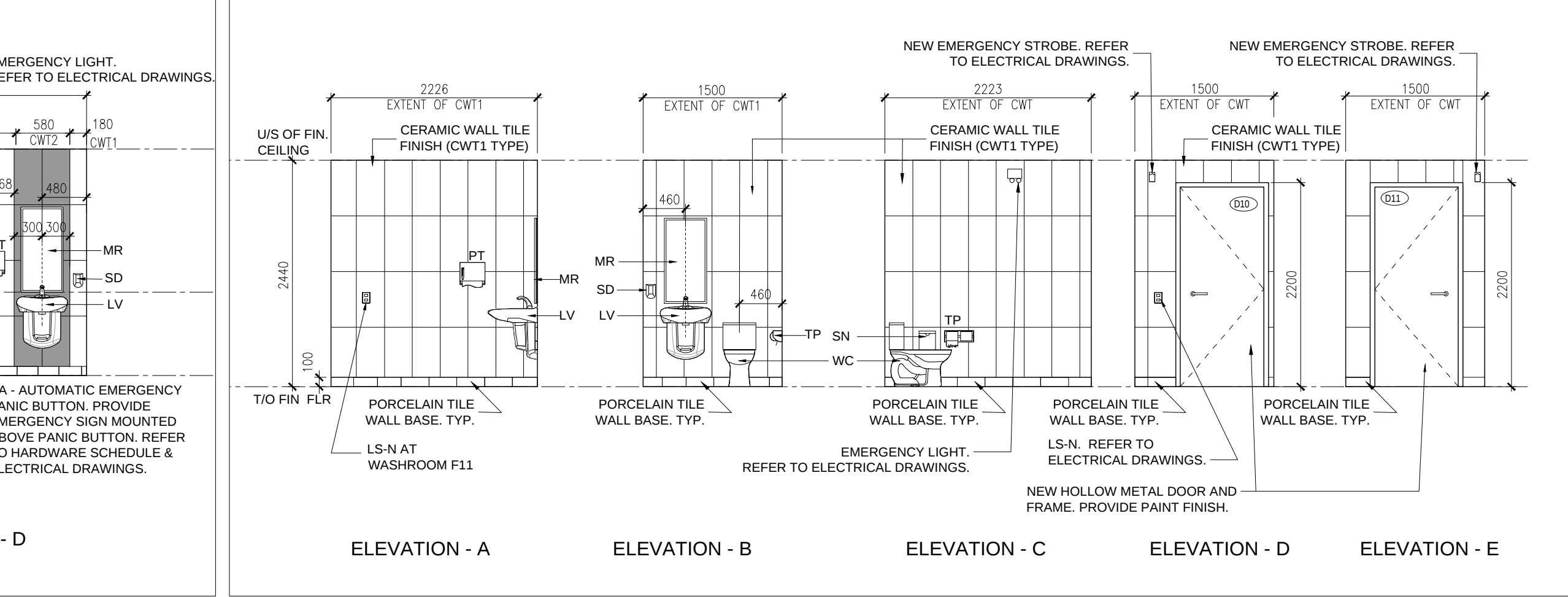
3
A6.1 WASHROOM ACCESSORY STANDARD HEIGHTS
1:20



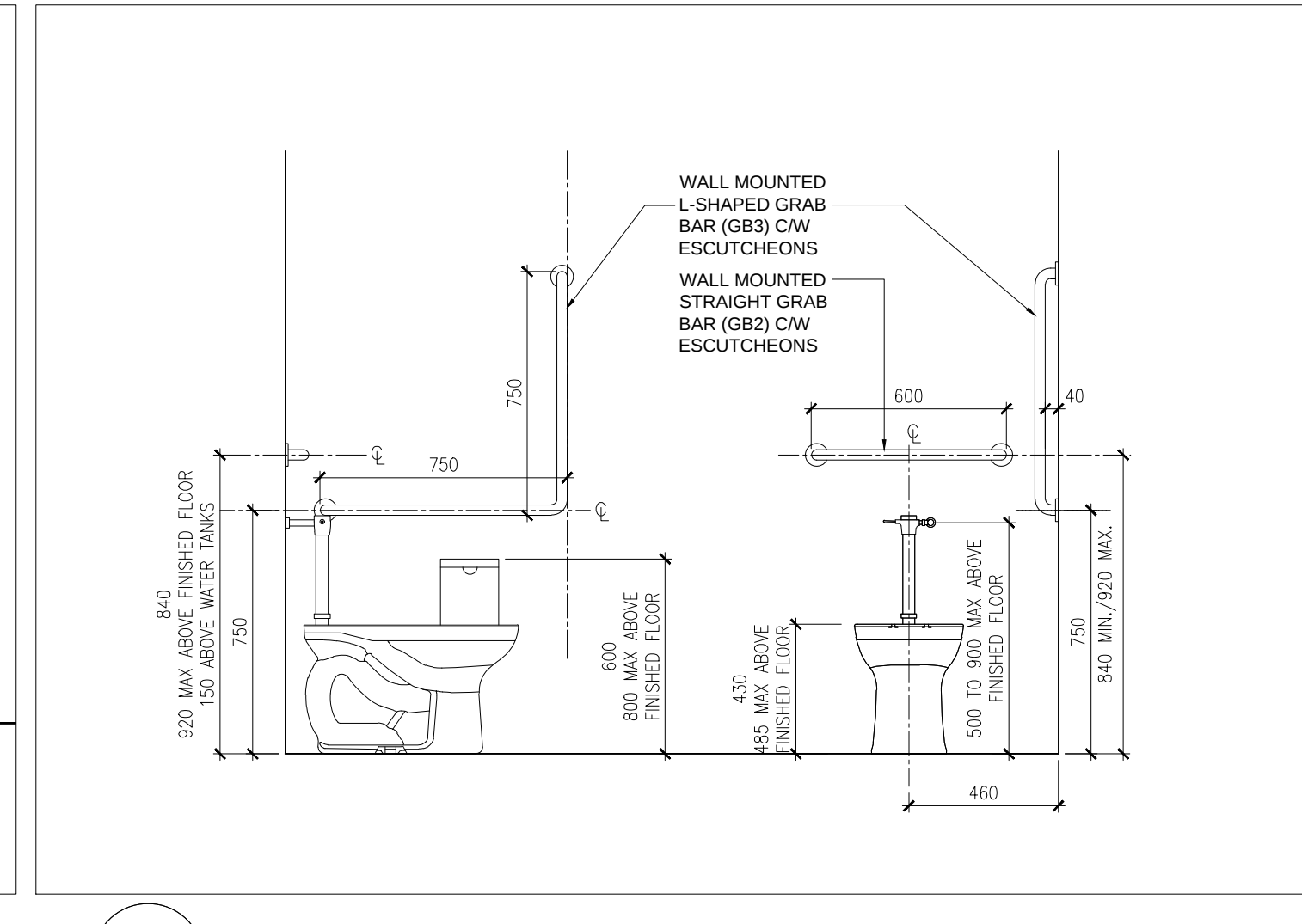
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A6.1 INTERIOR ELEVATION AT OSR ROOM F3
1:50



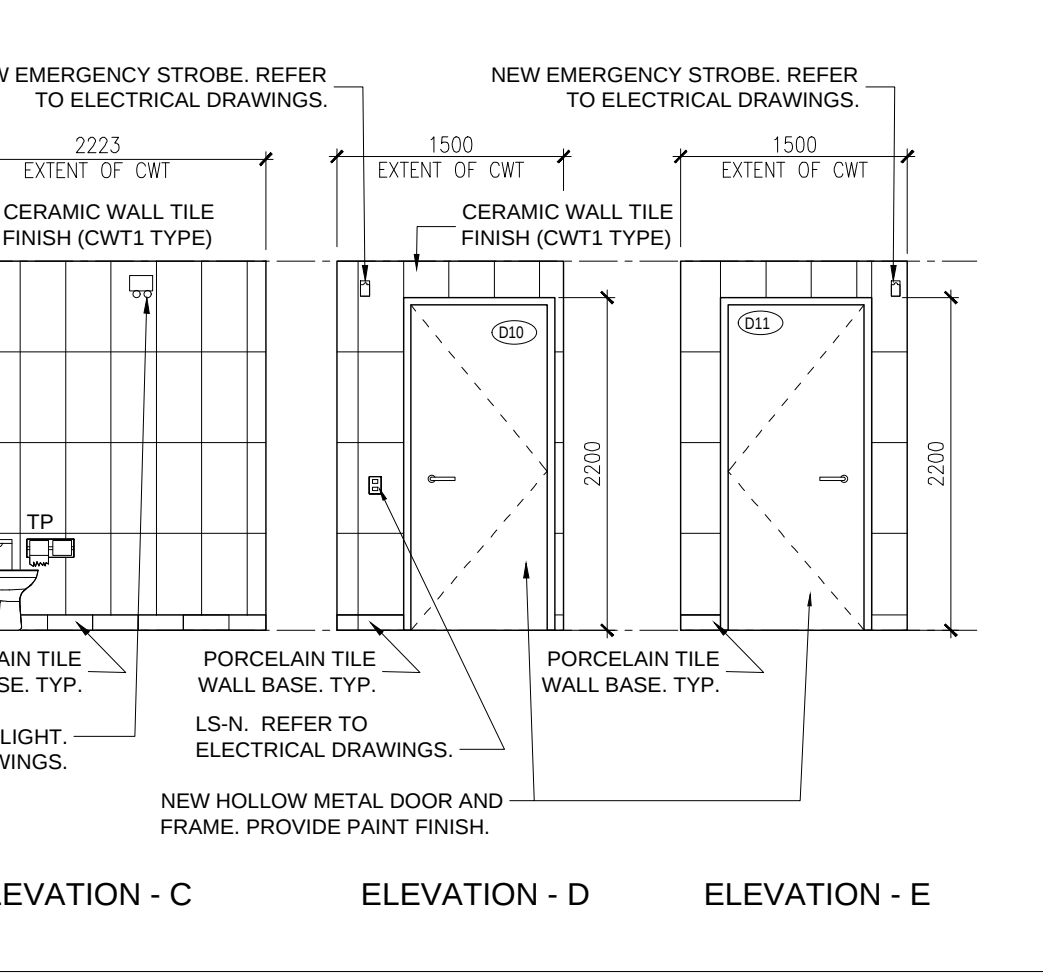
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A6.1 INTERIOR ELEVATION AT STAFF WASHROOM F10/F11
1:50



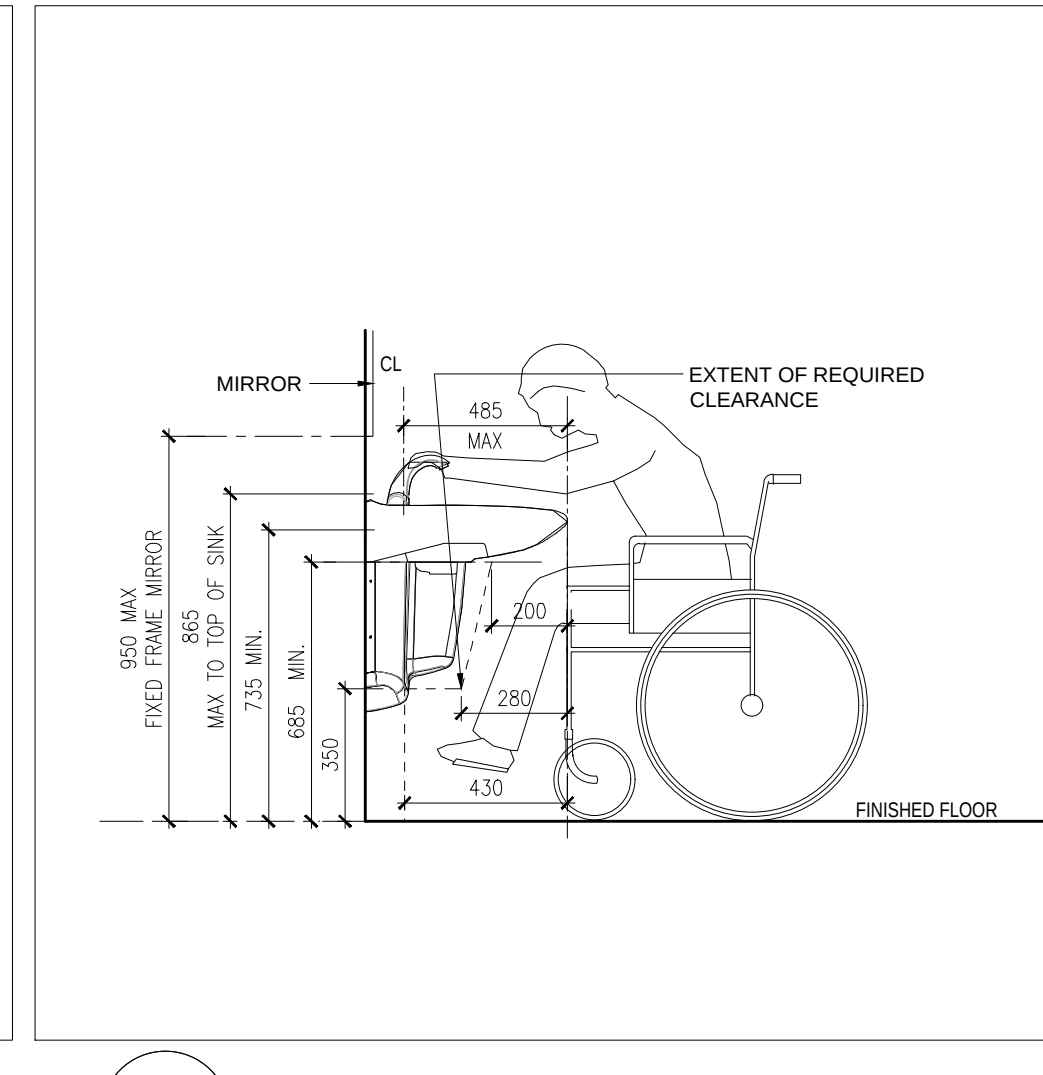
2
A6.1 BARRIER-FREE LAVATORY REQUIREMENTS
1:20



2
A6.1 BARRIER-FREE LAVATORY REQUIREMENTS
1:20



1
A6.1 BARRIER-FREE WATER CLOSET REQUIREMENTS
1:20



1
A6.1 BARRIER-FREE WATER CLOSET REQUIREMENTS
1:20

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project
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WATERLOO REGION DISTRICT SCHOOL BOARD

79 Laurentian Dr, Kitchener, ON N2E 1C3

PROPOSED INTERIOR ELEVATIONS AND WASHROOM DETAILS

AS NOTED

ward99 project number

25022 - WRDSB TRILLIUM PS

ward99 architects

drawing no.

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A7.2



A7.4



A7.9



A7.

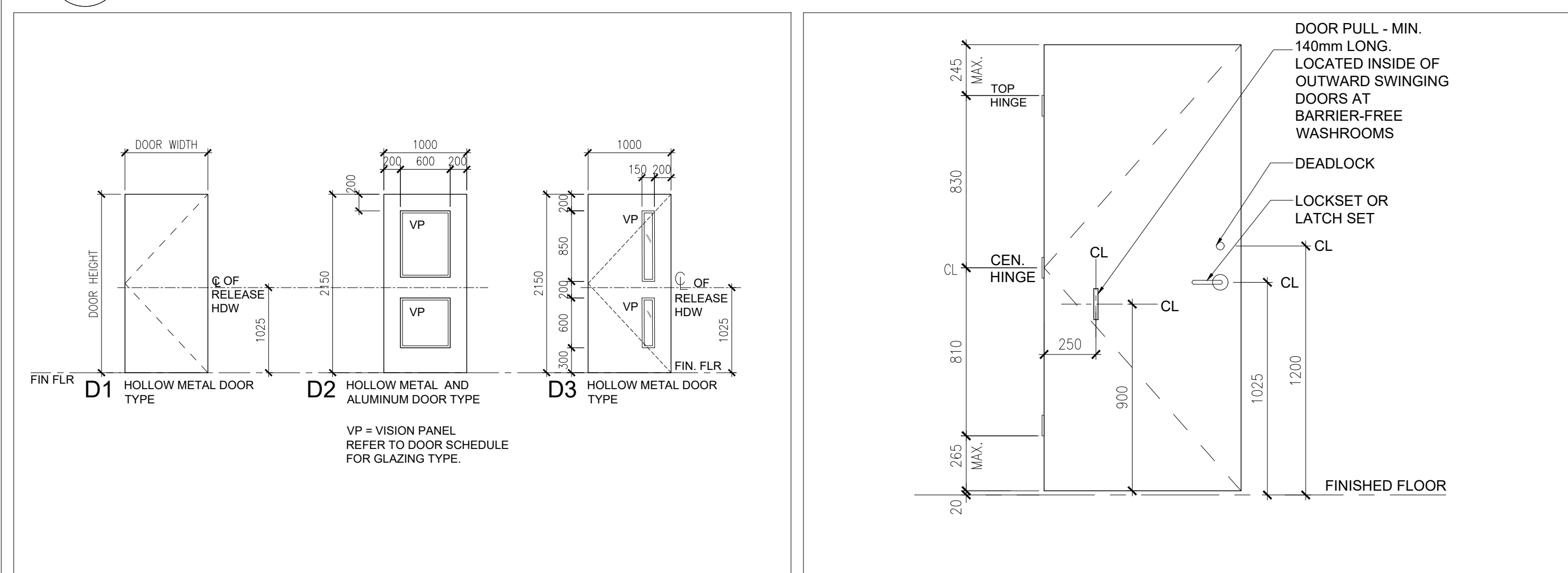
A7.4

DOOR AND HARDWARE SCHEDULE																
DOOR No.	ROOM NAME	FIRE RATING	DOOR						DOOR FRAME AND SCREEN				DOOR, DOOR FRAME & SCREEN NOTES	DOOR HARDWARE REQUIREMENTS & NOTES		
			WIDTH	HEIGHT	THICK	MATERIAL	FINISH	TYPE	VISION PANEL	MATERIAL	FINISH	TYPE			VISION PANEL	
D02	PRINCIPAL'S OFFICE	-	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D3	TGL	HOLLOW METAL	PNT	S-HM01	TGL	REFER TO HOLLOW METAL SCREEN ELEVATION TYPE S-HM01 ON DRAWING 4/A8.1 FOR HOLLOW METAL FRAMED SCREEN DETAILS AND DETAILS ON 2/A8.2.	1-1/2 HINGE (PAIRS), LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, FLOOR STOP	
D03	OSR	-	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D1	-	HOLLOW METAL	PNT	F1	-	REFER TO HOLLOW METAL DOOR FRAME DETAILS B, E, AND F ON DRAWING 2/A8.2.	1-1/2 HINGE (PAIRS), LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, FLOOR STOP	
D04a	MAIN OFFICE	3/4 HR	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D2	CFG	HOLLOW METAL	PNT	S-HM02	CFG	REFER TO HOLLOW METAL SCREEN ELEVATION TYPE S-HM02 ON DRAWING 4/A8.1 FOR FIRE-RATED HOLLOW METAL FRAMED SCREEN DETAILS. REFER TO DETAILS ON 1/A8.2.	1-1/2 HINGE (PAIRS), LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, OVERHEAD STOP, ELECTRIC STRIKE, POWER DOOR OPERATOR, 2 WALL ACTUATORS, CLOSER, REFER TO ELECTRICAL DRAWINGS AND HARDWARE LIST.	
D04b	MAIN OFFICE	-	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D3	TGL	HOLLOW METAL	PNT	F1	-	REFER TO HOLLOW METAL DOOR FRAME DETAILS B, E, AND F ON DRAWING 2/A8.2.	1-1/2 HINGE (PAIRS), LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, OVERHEAD STOP.	
D05	WORK ROOM	3/4 HR	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D3	CFG	HOLLOW METAL	PNT	F1	-	REFER TO FIRE-RATED HOLLOW METAL DOOR FRAME DETAILS I, F, AND H ON DRAWING 1/A8.2. REFER TO PLAN DETAILS ON 7/A6.1.	1-1/2 HINGE (PAIRS), LOCKSET, MASTER KEY, INTERFACE BOX, CYLINDER, KICK PLATE, OVERHEAD STOP, ELECTRIC STRIKE, POWER DOOR OPERATOR, 2 WALL ACTUATORS, CLOSER. REFER TO ELECTRICAL DRAWINGS AND HARDWARE SPECIFICATIONS.	
D07	SEMINAR ROOM	-	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D3	TGL	HOLLOW METAL	PNT	F1	-	REFER TO HOLLOW METAL DOOR FRAME DETAILS B, E, AND F ON DRAWING 2/A8.2.	1-1/2 HINGE (PAIRS), LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, FLOOR STOP.	
D08a	STAFF LOUNGE	-	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D3	TGL	HOLLOW METAL	PNT	S-HM01	TGL	REFER TO HOLLOW METAL SCREEN ELEVATION TYPE S-HM01 ON DRAWING 4/A8.1 FOR HOLLOW METAL FRAMED SCREEN DETAILS AND DETAILS ON 2/A8.2.	1-1/2 HINGE (PAIRS), LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, OVERHEAD STOP.	
D08b	STAFF LOUNGE	-	1000mm	2150mm	50mm	ALUM	CLEAR ANODIZED	D3	IGU	ALUM	CLEAR ANODIZED	S-AL01	IGU	REFER TO ALUMINUM CURTAIN WALL SCREEN DETAILS ON DRAWING 6/A4.2.	CONTINUOUS HINGE, LOCKSET, MASTER KEY, CYLINDER, OVERHEAD STOP	
D09	B-FREE WRM	3/4 HR	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D1	-	HOLLOW METAL	PNT	F1	-	REFER TO FIRE-RATED HOLLOW METAL DOOR FRAME DETAILS I, N, AND Q ON DRAWING 1/A8.2 AND PLAN DETAILS ON 7/A6.1.	CONTINUOUS HINGE, LOCKSET, MASTER KEY, INTERFACE BOX, CYLINDER, KICK PLATE, OVERHEAD STOP, ELECTRIC STRIKE, POWER DOOR OPERATOR, MOUNTING PLATE, 2 WALL ACTUATORS, EMERGENCY PANIC SYSTEM, CLOSER, REFER TO ELECTRICAL DRAWINGS AND HARDWARE SPECIFICATIONS.	
D10	WRM	-	900mm	2150mm	45mm	HOLLOW METAL	PNT	D1	-	HOLLOW METAL	PNT	F1	-	REFER TO HOLLOW METAL DOOR FRAME DETAILS H, J, AND I ON DRAWING 2/A8.2 AND PLAN DETAILS ON 7/A6.1.	CONTINUOUS HINGE, LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, OVERHEAD STOP.	
D11	WRM	-	900mm	2150mm	45mm	HOLLOW METAL	PNT	D1	-	HOLLOW METAL	PNT	F1	-	REFER TO HOLLOW METAL DOOR FRAME DETAILS H, J, AND I ON DRAWING 2/A8.2 AND PLAN DETAILS ON 7/A6.1.	CONTINUOUS HINGE, LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, OVERHEAD STOP.	
D16	LIBRARY	3/4 HR	1000mm	2150mm	45mm	HOLLOW METAL	PNT	D2	CFG	HOLLOW METAL	PNT	S-HM03	CFG	REFER TO HOLLOW METAL SCREEN ELEVATION TYPE S-HM03 ON DRAWING 4/A8.1 FOR HOLLOW METAL FRAMED SCREEN DETAILS.	CONTINUOUS HINGE, LOCKSET, MASTER KEY, CYLINDER, KICK PLATE, OVERHEAD STOP, CLOSER.	

GENERAL DOOR HARDWARE SCHEDULE NOTES														GENERAL ROOM FINISHES NOTES													
1. REFER TO DRAWING 6/A8.1 FOR DOOR TYPE ELEVATION.														1. WHERE NEW FLOOR FINISHES ARE INDICATED TO BE INSTALLED, EXISTING GROUT, MASTICS AND ADHESIVES ARE TO BE REMOVED FROM THE EXISTING CONCRETE FLOOR AND THE CONCRETE FLOOR SLAB IS TO BE CLEANED AND MADE GOOD IN PREPARATION FOR THE INSTALLATION OF NEW FINISHES. GRIND EXISTING CONCRETE FLOOR AS REQUIRED.													
2. REFER TO DRAWING 2/A8.1 FOR HOLLOW METAL FRAMED WINDOW ELEVATION TYPES.														2. WHERE NEW WALL BASE IS INDICATED TO BE INSTALLED, EXISTING MASTICS AND ADHESIVES ARE TO BE REMOVED FROM THE EXISTING CONCRETE WALLS AND BASE. SURFACES ARE TO BE CLEANED AND MADE GOOD IN PREPARATION FOR THE INSTALLATION OF NEW FINISHES.													
3. REFER TO DRAWING 3/A8.1 FOR HOLLOW METAL FRAMED DOOR ELEVATION TYPES.														3. MAKE GOOD EXISTING CONCRETE FLOOR PRIOR TO INSTALLING NEW PARTITIONS. WHERE EXISTING WALLS ARE DEMOLISHED, MAKE GOOD EXISTING CONCRETE FLOOR IN PREPARATION FOR THE INSTALLATION OF NEW FLOOR FINISHES. INSTALL NEW PARTITIONS ON CONCRETE FLOOR SLAB.													
4. REFER TO DRAWING 4/A8.1 FOR HOLLOW METAL FRAMED SCREEN ELEVATION TYPES.														4. CLEAN, REPAIR AND MAKE GOOD ALL WALLS AFTER THE REMOVAL OF EXISTING WALL FINISHES, FLOOR BASE AND ALL ASSOCIATED WALL FRAMING, IN PREPARATION FOR NEW WALL FINISH.													
5. SUPPLY AND INSTALLATION OF DOOR HARDWARE, INCLUDING AUTOMATIC DOOR HARDWARE IS CARRIED IN THE PROJECT CASH ALLOWANCE.														5. PAINT ALL EXPOSED NEW AND EXISTING ELECTRICAL CONDUITS AND PIPING.													
6. REFER TO DETAIL 5/A8.1 FOR DOOR HARDWARE LOCATION. NOTE THE FOLLOWING: - AT 1025mm FROM TOP OF FINISHED FLOOR TO CENTER OF LOCKSET/LATCH SET. - AT 100mm FROM DOOR SIDE EDGE TO CENTER OF DEADLOCK. DOOR HINGES TO BE INSTALLED AS FOLLOWS: - TOP HINGE: 125mm MAXIMUM FROM TOP OF HINGE TO TOP EDGE OF DOOR. - CENTER HINGE: CENTERED BETWEEN TOP AND BOTTOM HINGE. - BOTTOM HINGE: 265mm MAXIMUM FROM BOTTOM OF HINGE TO BOTTOM DOOR EDGE.														6. PROVIDE FLOOR TRANSITION STRIPS BETWEEN DISSIMILAR FLOORING FINISHES. REFER TO SPECIFICATIONS FOR TYPE.													
7. PAINT ALL NEW HOLLOW METAL DOORS, SCREENS AND FRAMES AND NEW HOLLOW METAL WINDOW FRAMES, BOTH SIDES, WITHIN THE PROJECT SCOPE OF WORK.														7. REFER TO INTERIOR ELEVATION DRAWINGS ON A6.1 AND A6.2 AND MILLWORK DRAWINGS A7.1 TO A7.4 FOR ADDITIONAL NOTES AND DESCRIPTIONS.													
8. CONTRACTOR TO SITE VERIFY ALL EXISTING OPENINGS PRIOR TO FABRICATION OF DOOR AND WINDOW REPLACEMENTS.														8. PAINT ALL NEW HOLLOW METAL DOORS AND FRAMES ON BOTH SIDES.													
9. LIST OF ABBREVIATIONS: TGL = SINGLE TEMPERED GLAZING UNITS. CFG = CERAMIC FIRE GLASS UNITS. IGU = INSULATED DOUBLE GLAZING UNITS. HM = HOLLOW METAL. ALUM = ALUMINUM FRAME. PNT = PAINT FINISH.														9. REFER TO ELECTRICAL DRAWINGS FOR WALL AND CEILING MOUNTED FIXTURES AND FITMENTS.													
10. SITE VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW HOLLOW METAL DOOR FRAMES, ALUMINUM FRAMED STOREFRONT DOOR AND SCREENS AND HOLLOW METAL WINDOW FRAMES.														10. CERAMIC WALL TILE (CWT) IS TO BE INSTALLED FROM TOP OF PORCELAIN BASE TO UNDERSIDE OF FINISHED CEILING. REFER TO FLOOR FINISH DRAWING AND INTERIOR ELEVATIONS FOR LOCATIONS.													

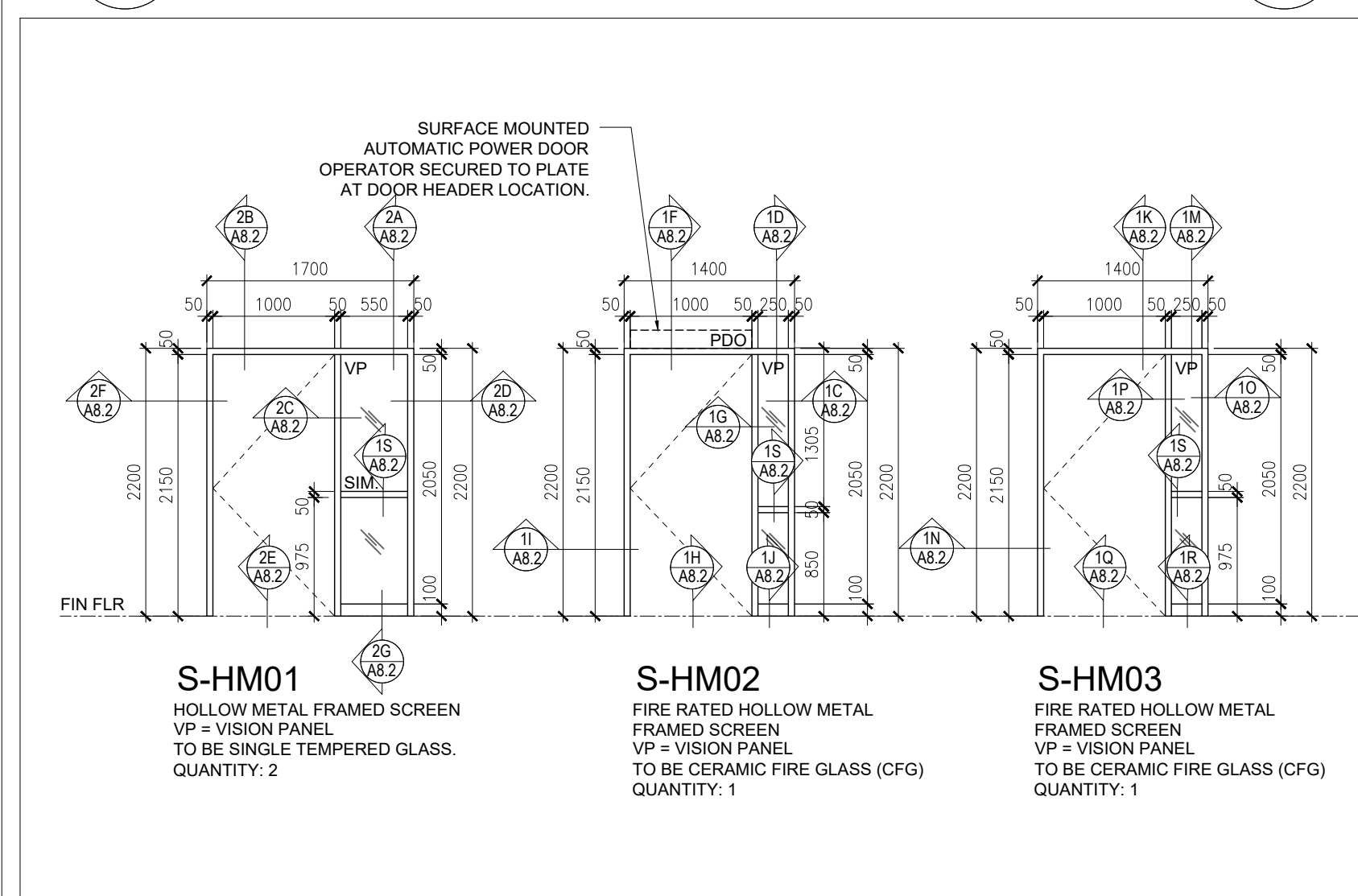
7 DOOR AND DOOR FRAME HARDWARE SCHEDULE AND NOTES

A8.1 N.T.S.



6 DOOR TYPE ELEVATIONS

A8.1 1:50

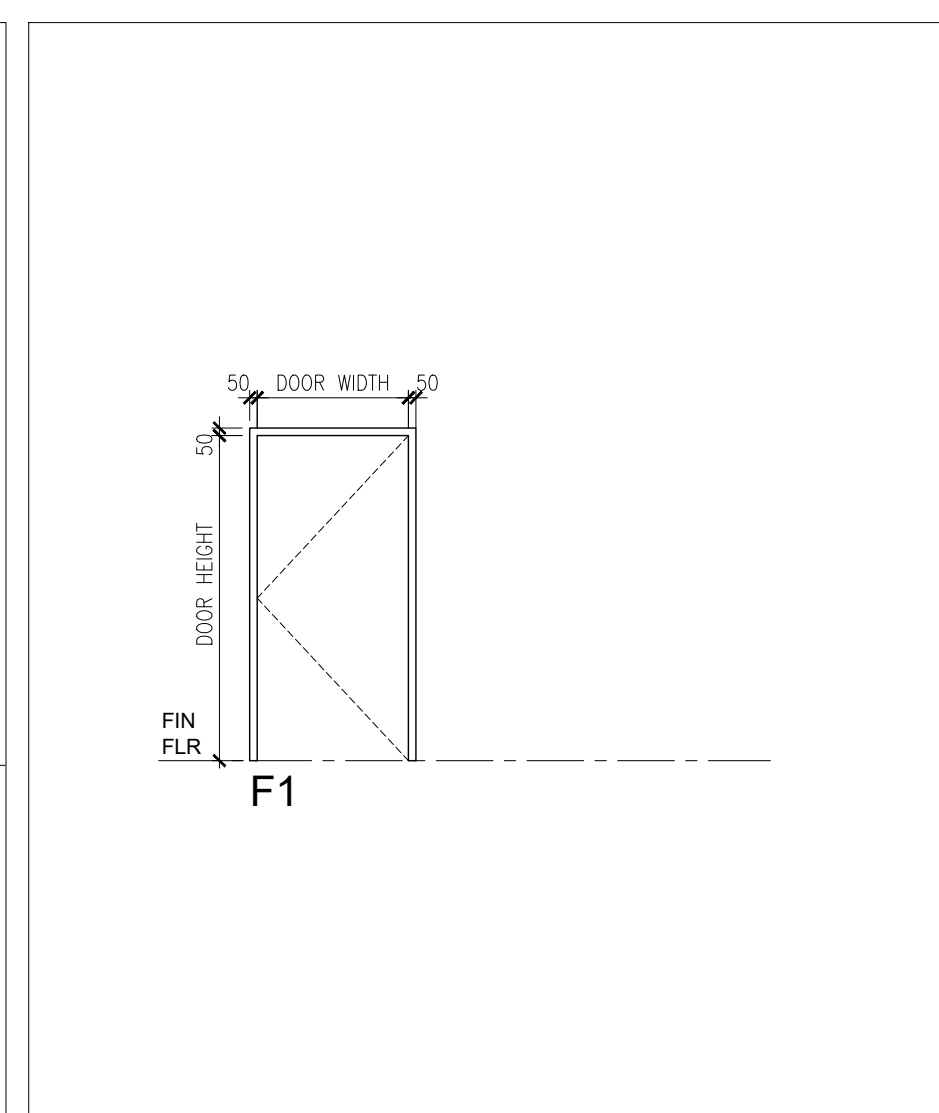


4 HOLLOW METAL FRAMED SCREEN ELEVATION TYPES

A8.1 1:50

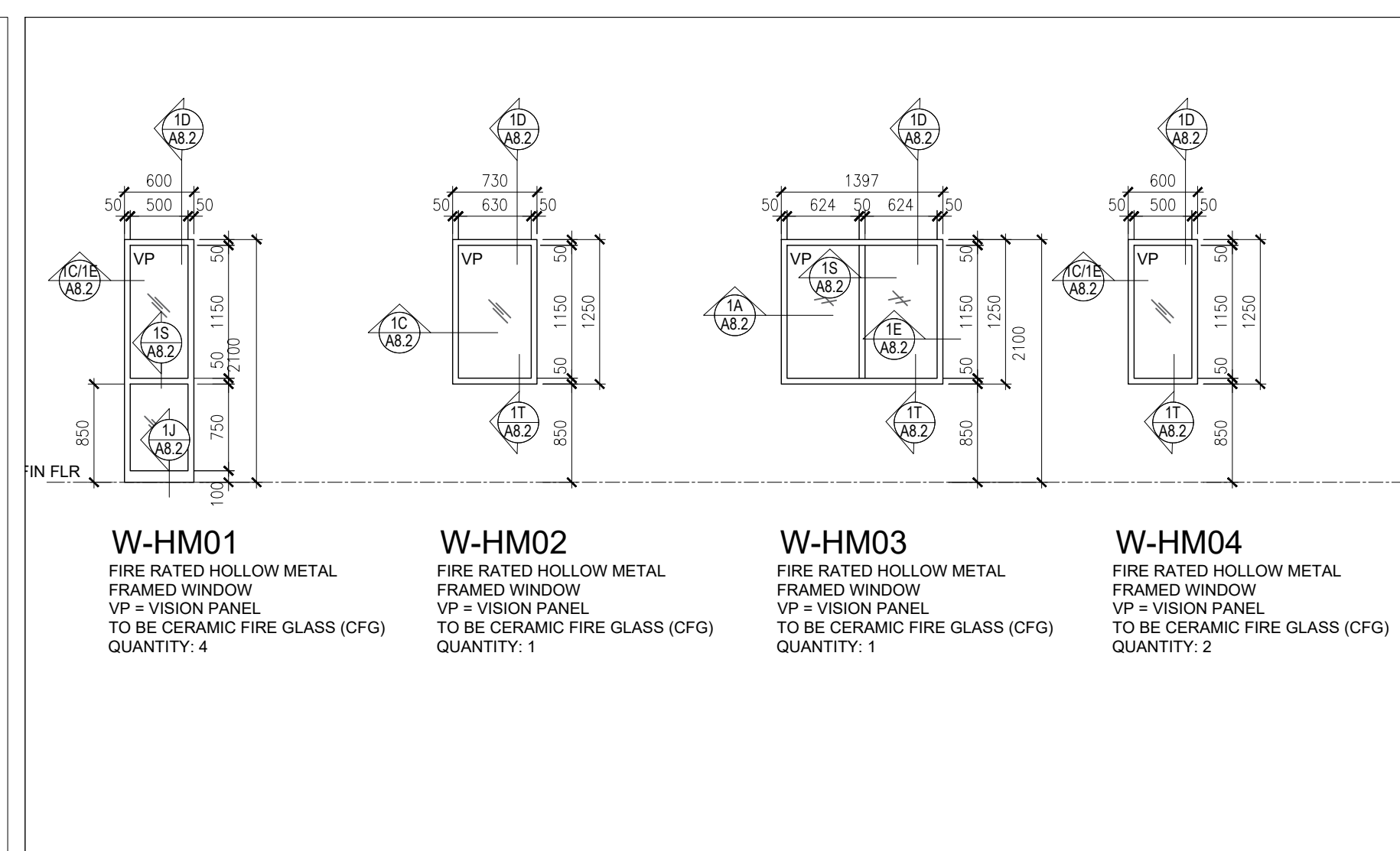
5 DOOR HARDWARE

A8.1 1:20



3 DOOR FRAME TYPE ELEVATION

A8.1 1:50



2 HOLLOW METAL WINDOW TYPES

A8.1 1:50

		HEIGHT	REMARKS
T	2413/ 2350		PROVIDE PAINT FINISH ON HOLLOW METAL DOORS AND FRAMES. PROVIDE NEW CERAMIC WALL TILE FINISH AT NEW GYPSUM BOARD FINISHED PARTITION WALL AND PAINT FINISH AT NEW GYPSUM BOARD FINISHED BULKHEAD. REFER TO INTERIOR ELEVATIONS ON DRAWING 5/A6.2 AND PROPOSED REFLECTED CEILING PLAN 4/A6.1 FOR SIZE AND SHAPE OF NEW GYPSUM BOARD BULKHEAD. PROVIDE NEW PORCELAIN WALL BASE AT FULL EXTENT OF NEW PARTITIONS AND AT NORTH CORRIDOR WALLS.
	2800		PROVIDE RESILIENT SHEET FLOORING AND RUBBER WALL BASE. PROVIDE PAINT FINISH AT ALL WALLS AND HOLLOW METAL DOORS AND FRAMES. REFER TO INTERIOR ELEVATIONS ON DRAWING 9/A6.1.
T	2440/ 2350		PROVIDE RESILIENT SHEET FLOORING AND RUBBER WALL BASE. PROVIDE PAINT FINISH AT ALL WALLS AND HOLLOW METAL DOORS AND FRAMES. REFER TO INTERIOR ELEVATIONS ON DRAWING 8/A6.1.
	2440/ 2350		PROVIDE RESILIENT SHEET FLOORING FINISHES. PROVIDE PAINT FINISH AT ALL WALLS, GYPSUM BOARD FINISHED BULKHEAD AND CEILING. HOLLOW METAL DOOR AND FRAME. REFER TO INTERIOR ELEVATIONS ON DRAWING 6/A6.1.
	2440		PROVIDE RESILIENT SHEET FLOORING AND RUBBER WALL BASE. PROVIDE PAINT FINISH AT ALL WALLS AND HOLLOW METAL DOORS AND FRAMES. REFER TO INTERIOR ELEVATIONS ON DRAWING 4/A6.2.
	2800		PROVIDE RESILIENT SHEET FLOORING AND RUBBER WALL BASE. PROVIDE PAINT FINISH AT ALL WALLS AND HOLLOW METAL DOORS AND FRAMES. REFER TO INTERIOR ELEVATIONS ON DRAWING 3/A6.2.
	2800		PROVIDE RESILIENT SHEET FLOORING AND RUBBER WALL BASE. PROVIDE PAINT FINISH AT ALL WALLS AND HOLLOW METAL DOORS AND FRAMES. REFER TO INTERIOR ELEVATIONS ON DRAWING 2/A6.2.
	2800/ 2200		PROVIDE RESILIENT SHEET FLOORING AND RUBBER WALL BASE. PROVIDE PAINT FINISH AT ALL WALLS AND HOLLOW METAL DOORS AND FRAMES. REFER TO INTERIOR ELEVATIONS ON DRAWING 1/A6.2.
	2440		PROVIDE PORCELAIN FLOOR TILE AND BASE. PROVIDE PAINT FINISH AT HOLLOW METAL DOOR AND FRAMES. PROVIDE CERAMIC WALL TILE AT ALL WALLS. REFER TO INTERIOR ELEVATIONS ON DRAWING 5/A6.1 FOR LAYOUT OF CWT.
	2440		PROVIDE PORCELAIN FLOOR TILE AND BASE. PROVIDE PAINT FINISH AT HOLLOW METAL DOOR AND FRAME. PROVIDE CERAMIC WALL TILE AT ALL WALLS. REFER TO INTERIOR ELEVATIONS ON DRAWING 4/A6.1 FOR LAYOUT OF CWT.
	2440		PROVIDE PORCELAIN FLOOR TILE AND BASE. PROVIDE PAINT FINISH AT HOLLOW METAL DOOR AND FRAME. PROVIDE CERAMIC WALL TILE AT ALL WALLS. REFER TO INTERIOR ELEVATIONS ON DRAWING 4/A6.1 FOR LOCATION OF TILES.
	2700		REMOVE AND REINSTALL EXISTING ACOUSTIC CEILING TILE ASSEMBLY AS REQUIRED TO COMPLETE THE WORK. REMOVE EXISTING RUBBER WALL BASE AS REQUIRED TO COMPLETE THE WORK ON THE NORTH AND EAST WALLS. INSTALL NEW RUBBER WALL RB 100 TO MATCH EXISTING WALL BASE. INSTALL NEW RUBBER WALL BASE AT BASE OF RELOCATED MILLWORK SHELVING UNITS, AT NEW PARTITIONS AND AT EXISTING NEW WALL TO CORRIDOR.

THE RATED HOLLOW METAL FRAME FILLED WITH MORTAR.

EXISTING 1HR FIRE RATED CONCRETE MASONRY INTERIOR PARTITION WALL.

VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING AS 1.

MASONRY ANCHOR STRAPS TO EXISTING MASONRY PARTITION.

CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.)

Dimensions: 149, 49, 60, 40, 50, 140.

Technical drawing of a fire-rated door assembly showing cross-sections and dimensions. The drawing includes the following labels and dimensions:

- Labels:**
 - FIRE-RATED HOLLOW METAL FRAME PACKED WITH INSULATION.
 - VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING A8.1.
 - FIRE-RATED GYPSUM BOARD WALL ASSEMBLY. REFER TO CONSTRUCTION.
 - PROVIDE DOUBLE STUDS TYP.
 - CONTINUOUS SEALANT AND BACK-UP PART.
- Dimensions:**
 - Vertical dimensions on the left: 49, 60, 40.
 - Vertical dimension on the right: 124.
 - Horizontal dimensions at the top: 19, 50.

Technical drawing of a fire-rated door assembly. The drawing includes a side view on the left and a cross-section view on the right. The side view shows a door with a vision panel and a handle. Dimensions are provided for the door's height (49, 50, 40) and width (19, 50). The cross-section view shows the door's internal structure, including the fire-rated gypsum core, metal frame, and insulation. Callouts include: 'FIRE-RATED HOLLOW METAL FRAME PACKED WITH INSULATION.', 'VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING A8.1.', 'FIRE-RATED GYPSUM CORE WALL ASSEMBLY, REFER TO CONSTRUCTION.', 'PROVIDE WOOD BLOCK REQUIRED AS PER MANUFACTURER RECOMMENDATIONS.', and 'CONTINUOUS SEALANT AND RACK WITH GIRTH'.

Technical drawing of a door assembly showing dimensions and material specifications. The drawing includes the following labels and dimensions:

- Labels:**
 - FIRE RATED HOLLOW METAL FRAME FILLED WITH MORTAR.
 - VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING A8.1.
 - FIRE RATED HOLLOW METAL DOOR. REFER TO DOOR SCHEDULE ON DRAWING A8.1 FOR TYPE OF DOOR.
- Dimensions:**
 - Overall height: 114 1/8
 - Overall width: 114 1/8
 - Top panel height: 40
 - Bottom panel height: 40
 - Side panel height: 49
 - Central panel height: 60
 - Central panel width: 50
 - Side panel width: 19
 - Top panel width: 19
 - Bottom panel width: 19

[illegible]

B. FIRE-RATED WINDOW SILL

- VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING AS-1.
- FIRE RATED HOLLOW METAL FRAME FILLED WITH MORTAR
- CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.)
- MASONRY ANCHOR CLIP.
- 1HR FIRE RATED CONCRETE MASONRY UNIT. FILL CORES SOLID WITH GROUT.

D. FIRE-RATED SCREEN WINDOW HEAD

124

7

19

49 60 40

149

FIRE-RATED GYPSUM BOARD WALL ASSEMBLY. REFER TO CONSTRUCTION.

PROVIDE DOUBLE STUDS TYP.

CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.).

FIRE-RATED HOLLOW METAL FRAME PACKED WITH INSULATION.

VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING A8.1.

F. FIRE-RATED DOOR HEAD WITH PDO

Technical drawing showing a cross-section of a fire-rated door head assembly. The drawing includes dimensions and callouts for various components.

Dimensions:

- Top width: 24
- Top height: 12
- Side height (left): 12
- Side height (right): 12
- Bottom height (left): 12
- Bottom height (right): 12
- Bottom width (left): 49
- Bottom width (middle): 60
- Bottom width (right): 40
- Bottom total width: 149

Callouts and Notes:

- FIRE-RATED GYPSUM BOARD WALL ASSEMBLY. REFER TO CONSTRUCTION.
- PROVIDE DOUBLE STUDS TYP.
- CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.).
- FIRE-RATED HOLLOW METAL FRAME PACKED WITH INSULATION.
- FIRE RATED HOLLOW METAL DOOR. REFER TO DOOR SCHEDULE ON DRAWING A8.1 FOR TYPE OF DOOR.

FIRE RATED DOOR SILL

Diagram illustrating the Fire Rated Door Sill assembly. The total width is 149. The dimensions are 40, 60, and 49. The assembly includes a Fire Rated Hollow Metal Door, a Floor Anchor Clip, and a Finished Floor.

FIRE RATED HOLLOW METAL DOOR: REFER TO DOOR SCHEDULE ON DRAWING A8.1 FOR TYPE OF DOOR.

FLOOR ANCHOR CLIP BEYOND AT BOTH JAMBS.

FINISHED FLOOR

[illegible]

K. FIRE-RATED DOOR HEAD

1HR FIRE RATED CONCRETE MASONRY PARTITION WALL. REFER TO CONSTRUCTION ASSEMBLY.

STEEL BEAM LINTEL REFER TO STRUCTURAL DRAWINGS.

CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.)

FIRE RATED HOLLOW METAL FRAME FILLED WITH MORTAR.

FIRE-RATED DOOR. REFER TO DOOR SCHEDULE ON DRAWING AS 1 FOR TYPE OF DOOR.

Dimensions: 189, 10, 50, 20, 40, 135, 49, 224, P.T.R.

L. FIRE-RATED DOOR HEAD WITH PDO

1HR FIRE RATED CONCRETE MASONRY INTERIOR PARTITION WALL. REFER TO CONSTRUCTION ASSEMBLY.

STEEL BEAM LINTEL REFER TO STRUCTURAL DRAWINGS.

SURFACE MOUNTED AUTOMATIC POWER DOOR OPERATOR SECURED ABOVE DOOR HEADER LOCATION. REFER TO ELECTRICAL DRAWINGS.

CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.)

FIRE RATED HOLLOW METAL FRAME FILLED WITH MORTAR.

FIRE RATED DOOR. REFER TO DOOR SCHEDULE ON DRAWING A8.1 FOR TYPE OF DOOR.

Dimensions: 40, 135, 49, 224, 27A, 25, 12

M. FIRE-RATED SCREEN HEAD

- 1HR FIRE RATED CONCRETE MASONRY INTERIOR PARTITION WALL. REFER TO CONSTRUCTION ASSEMBLY.
- STEEL BEAM UNTEL REFER TO STRUCTURAL DRAWINGS.
- CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.).
- FIRE RATED HOLLOW METAL FRAME FILLED WITH MORTAR.
- VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING A8.1.

Dimensions: 50, 50, 135, 49, 224.

40

135

224

49

METAL FRAME FILLED WITH MORTAR.

MASONRY INTERIOR PARTITION WALL REF. TO CONSTRUCTION ASSEMBLY.

VISION PANEL TO CERAMIC FIRE GLASS (CFG), REFER TO DOOR SCHEDULE ON DRAWING A6.1.

CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP)

MASONRY ANCHOR CLIP.

P19

RY O

Technical drawing of a fire-rated door assembly. The drawing shows a cross-section of the door with various layers and materials. The overall height is 274 units. The door is composed of several layers: a top layer of 40 units, a middle layer of 135 units, and a bottom layer of 40 units. The middle layer is divided into three sections: a left section of 19 units, a central section of 50 units, and a right section of 19 units. The central section is labeled as 'FIRE RATED HOLLOW METAL FRAME FILLED WITH MORTAR'. The left and right sections are labeled as 'FIRE RATED HOLLOW METAL DOOR. REFER TO DOOR SCHEDULE ON DRAWING A8.1 FOR TYPE OF DOOR'. The bottom layer is labeled as 'VISION PANEL TO CERAMIC FIRE GLASS (FG). REFER TO DOOR SCHEDULE ON DRAWING A8.1'. The drawing also includes a dimension of 49 units for the bottom section and a dimension of 135 units for the middle section.

Technical drawing of a door frame cross-section. The drawing shows a vertical section of a door frame with a door leaf. Dimensions are indicated at the top: 40, 135, and 49. The door leaf is labeled 'FIRE RATED HOLLOW METAL DOOR. REFER TO DOOR SCHEDULE ON DRAWING A8.1 FOR TYPE OF DOOR.' The frame is labeled 'FLOOR ANCHOR CLIP BEYOND AT BOTH JAMBS.' The drawing includes a dashed line representing the door's movement and a small detail of a floor anchor clip.

FIRE RATED FLOOR AND SCREEN SILL

- VISION PANEL TO BE CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING AB-1
- FLOOR ANCHOR CLIP BEYOND AT BOTH JAMBES.
- FIRE RATED HOLLOW METAL SILL SECURED TO FLOOR ASSEMBLY WITH FLOOR ANCHOR CLIP FULL SOLD WITH MORTAR.
- FINISHED FLOOR

Dimensions: 100" (total width), 16" (vision panel height), 12" (floor thickness).

FIRE RATED HOLLOW METAL FRAME FILLED WITH MORTAR.

VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING AB.1.

19 50 19

40 40

49 49

149

49 60 40

50

PG

PT

VISION PANEL TO CERAMIC FIRE GLASS (CFG). REFER TO DOOR SCHEDULE ON DRAWING A8.1.

FIRE-RATED HOLLOW METAL FRAME PACKED WITH INSULATION.

CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.).

GYPSUM BOARD FINISHED WALL ASSEMBLY. REFER TO CONSTRUCTION.

PROVIDE DOUBLE STUDS TYP.

FIRE-RATED GYPSUM BOARD WALL ASSEMBLY. REFER TO CONSTRUCTION.

DETAIL AT PROBLEM IN FILL BASE		DETAIL AT RESIDENT PRODBER BASE	

3	BULLNOSED CORNER BASE DETAIL AT MASONRY PARTITIONS
A8.2	1:25

A. SCREEN HEAD

GYPSUM BOARD FINISHED WALL ASSEMBLY. REFER TO CONSTRUCTION.

PROVIDE DOUBLE STUDS TYP.

CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.)

HOLLOW METAL FRAME

VISION PANEL TO TEMPERED GLASS (TGL) REFER TO DOOR SCHEDULE ON DRAWING A8.1.

Dimensions: 124, 49, 60, 40, 149.

HOLLOW METAL FRAME.

19 50 19

14.9
40
60
49

VISION PANEL TO
TEMPERED GLASS (TGL).
REFER TO DOOR SCHEDULE
ON DRAWING A8.1.

REFER TO DOOR SCHEDULE ON
DRAWING A8.1 FOR TYPE OF DOOR.

Figure 1: Detail of window assembly. This technical drawing shows a cross-section of a window assembly. On the left, a 'VISION PANEL TO' is shown with vertical dimensions of 149, 49, 60, and 40. It is mounted on a 'HOLLOW METAL FRAME'. To the right, the 'WALL ASSEMBLY CONSTRUCTION' is shown, including a 'P2' pressure point and a note to 'PROVIDE DOOR'.

HOLLOW METAL DOOR
REFER TO DOOR SCHEDULE
ON DRAWING A8.1 FOR TYPE
OF DOOR.

FLOOR ANCHOR CLIP
BEYOND AT BOTH JAMBS.

FINISHED FLOOR

20

Diagram illustrating the installation of a door sill. The diagram shows a cross-section of the door sill assembly. Key components and labels include:

- VISION PANEL TO TEMPERED GLASS (TGL), REFER TO DOOR SCHEDULE ON DRAWING A8.1.
- FLOOR ANCHOR CLIP BEYOND AT BOTH JAMBS.
- HOLLOW METAL SILL, SECURED TO FLOOR ASSEMBLY WITH FLOOR ANCHOR CLIP.
- FINISHED FLOOR
- 100 (dimension indicating height from finished floor to top of sill)

HOLLOW METAL FRAME

148

40

60

40

19

50

10

WALL ASSEMBLY CONSTRUCTION

REFER TO DOOR SCHEDULE ON DRAWING AB.1 FOR TYPE OF FIRE RATED DOOR

PROVIDE DOOR STUDS TYP.

CONTINUOUS AND BACK ROLLS SIDES (TYP.)

190

Diagram illustrating the door assembly details. The door is labeled "HOLLOW METAL DOOR. REFER TO DOOR SCHEDULE ON DRAWING A8.1 FOR TYPE OF DOOR." The floor assembly is labeled "FLOOR ANCHOR CLIP BEYOND AT BOTH JAMBS." and "FINISHED FLOOR." The diagram shows the door frame, the door itself, and the floor construction with a floor anchor clip.

H. DOOR HEAD

CONCRETE MASONRY INTERIOR PARTITION WALL. REFER TO CONSTRUCTION ASSEMBLY.

STEEL BEAM LINTEL. REFER TO STRUCTURAL DRAWINGS.

CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.).

HOLLOW METAL FRAME

HOLLOW METAL DOOR. REFER TO DOOR SCHEDULE ON DRAWING AB.1 FOR TYPE OF DOOR.

40 135 49

224

Technical drawing of a door assembly showing a cross-section of the door frame and the door leaf. The drawing includes dimensions and labels for various components.

Dimensions:

- Overall height: 224
- Height of the upper section: 40
- Height of the middle section: 135
- Height of the lower section: 49
- Width of the door leaf: 190

Labels and Callouts:

- HOLLOW METAL FRAME
- PARTITION WALL REFER TO CONSTRUCTION ASSEMBLY.
- REFER TO DOOR SCHEDULE ON DRAWING A8.1 FOR DOOR TYPE.
- CONTINUOUS SEALANT AND BACK ROD ON BOTH SIDES (TYP.)
- MASONRY ANCHOR CLIP.
- P1

1
A8 2

2
A8 2

[illegible]

project

TRILLIUM JUNIOR PUBLIC SCHOOL INTERIOR RENOVATIONS
WATERLOO REGION DISTRICT SCHOOL BOARD

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A8.2