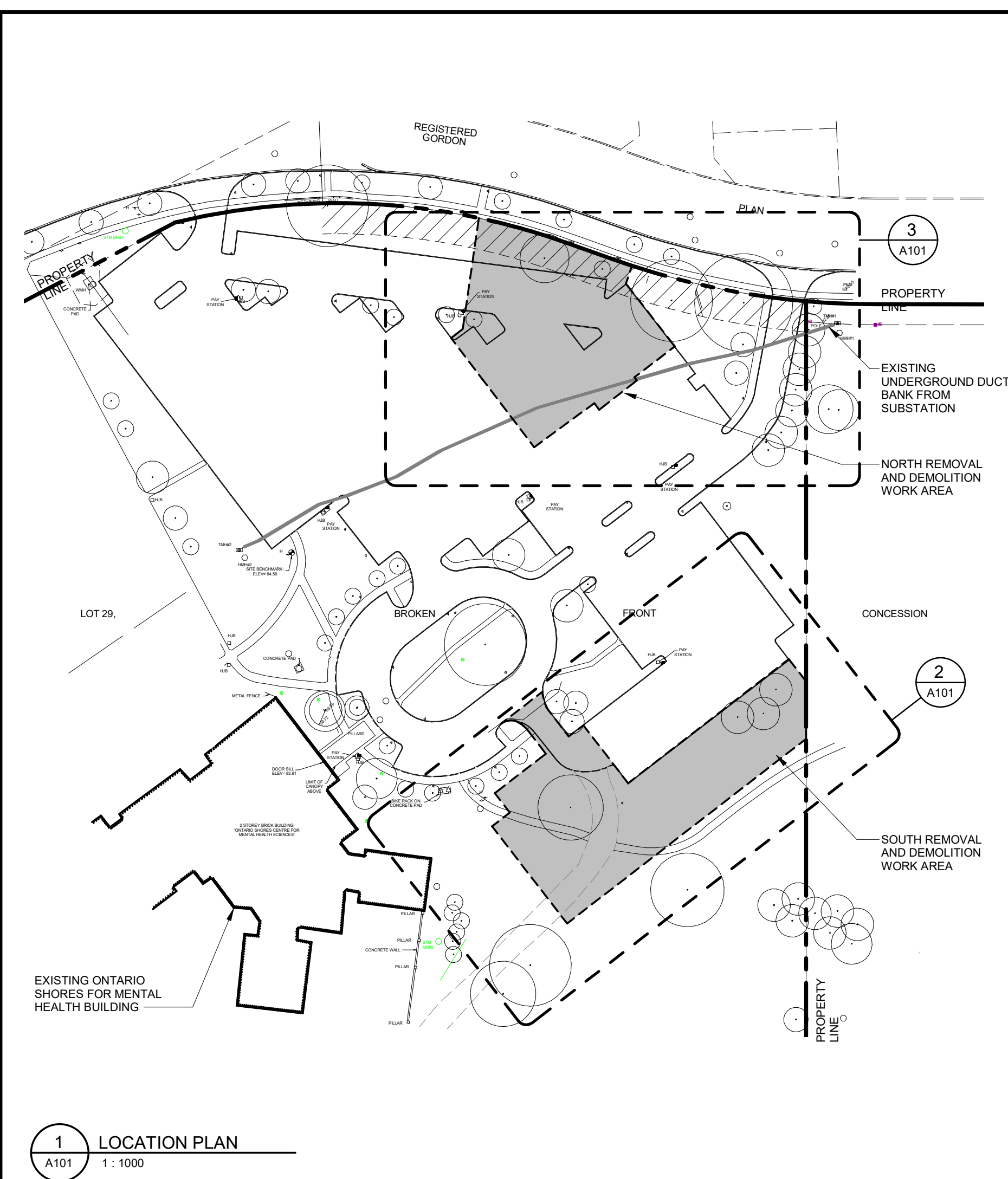

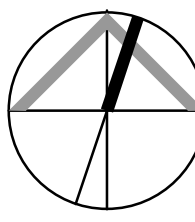



ABBREVIATIONS	
A/C	AIR CONDITIONING UNIT
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
AHR	ANCHOR
L	ANGLE
APPROX.	APPROXIMATE / APPROXIMATELY
ARCH	ARCHITECTURAL
@	AT
BD	BOARD
BFF	BELOW FINISH FLOOR
BFG	BELOW FINISH GRADE
BLK	BLOCK
BM	BEAM
B/F	BARRIER FREE
BOT	BOTTOM
BPG	BACK PAINTED GLASS
BUR	BUILT-UP ROOFING
CB	CARPET BASE
CER	CERAMIC
CG	CORNER GUARD
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CPT	CARPET
COL	COLUMN
CONC	CONCRETE
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CT	CERAMIC TILE
CTR	CENTER
CW	COMPLETE WITH
DF	DRINKING FOUNTAIN
DIA/Ø	DIAMETER
DN	DOWN
DS	DOWNSPOUT
DET	DETAIL
DM	DEMOUNTABLE PC 350 FRAME
EA	EACH
EC	EPOXY COATING
ECB	EPOXY COATING BASE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRIC/ ELECTRICAL
EL	ELEVATION
EPT	EPOXY PAINT
EP	ELECTRICAL PANEL
EQ	EQUAL
EW	EACH WAY
EXP	EXPANSION / EXPOSED
EXT	EXTERIOR
EXIST	EXISTING
FD	FLOOR DRAIN
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FHC	FIRE HOSE CABINET
FIN	FINISH
FLR	FLOOR
FS	FINISHED SURFACE
FTG	FOOTING
GA	GAUGE
GAL	GALVANIZED
GEN	GENERAL
GYP	GYPSPUM
GWB	GYPSPUM WALL BOARD
H	HYDRANT
HCP	HANDICAPPED
HK	HOOK
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HSS	HOLLOW STRUCTURAL STEEL
HT	HEIGHT
HP	HIGH POINT
INSUL	INSULATION
INT	INTERIOR
JOINT	JOINT
LYR	LAYER
LAM	LAMINATED
MFR	MANUFACTURER
NC	NO CEILING
MAX	MAXIMUM
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NIC	NOT IN CONTRACT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH DR	OPENING
OPNG	OPPOSITE PLATE
OPP	PLYWOOD
PLYWD	PLYWOOD
PR	PAIR
PS	PRESSED STEEL
PTD	PAINTED
PX	PAIN
R	RADIUS
R-X	RUBBER COVE BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RECP	RECEPTACLE
REINF	REINFORCED/ REINFORCING
REQD	REQUIRED
RM	ROOM
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
ROW	RIGHT OF WAY
SAT	SUSPENDED ACOUSTICAL TILE
SC-T	SEALED CONCRETE
SCHED	SCHEDULE
SECT	SECTION
SIM	SIMILAR
SP	SPLICE POINT
SST	STAINLESS STEEL
STD	STANDARD
STL UNTL	STEEL UNTEEL
STOR	STORAGE
STRUCT	STRUCTURAL
TEMP	TEMPORARY
TF	TRAINING FACILITY
TG	TEMPER GLASS
TGP	TEMPORARY GLASS PANEL
THK	THICKNESS
TOP	TOP OF ROOF
TOS	TOP OF STEEL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UIS	UNDERSIDE
VCT-T	VINYL COMPOSITE TILE
VERT	VERTICAL
W/	WITH
WD	WOOD
WWM	WELDED WIRE MESH
WG	WIRED GLASS

Name of Practice: <div>Morrison Hershfield Suite 300, 125 Commerce Valley Drive Markham, ON L3T 7W4</div>											
Name of Project: NEW POWERHOUSE											
Location: 700 GORDON ST. W. WHITBY, ON L1N 5S9											
Item	Ontario Building Code Data Matrix Part 3 or 9							Building Code Reference			
								References are to Division B unless noted [A] for Division A or [C] for Division C.			
1	Project Description: POWER GENERATING PLANT			<input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Change of Use <input type="checkbox"/> Alteration	<input type="checkbox"/> Part 11 11.1 to 11.4	<input type="checkbox"/> Part 3 1.1.2 [A]	<input checked="" type="checkbox"/> Part 9 1.1.2 [A] & 9.10.1.3.				
2	Major Occupancy(s) F-3 LOW HAZARD INDUSTRIAL						3.1.2.1(1)	9.10.2.			
3	Building Area (m²)	Existing	0	New	584	Total	584	1.4.1.2 [A]	1.4.1.2 [A]		
4	Gross Area (m²)	Existing	0	New	584	Total	584	1.4.1.2 [A]	1.4.1.2 [A]		
5	Number of Storeys	Above Grade	1	Below Grade	0	1.4.1.2[A] & 3.2.1.1.			1.4.1.2[A] & 9.10.4		
6	Number of Streets / Fire Fighter Access	1			3.2.2.10. & 3.2.5.			9.10.20.			
7	Building Classification 3.2.2.82 F-3 LOW HAZARD INDUSTRIAL							3.2.2.20. -83	9.10.2.		
8	Sprinkler System Proposed			<input type="checkbox"/> Entire Building <input type="checkbox"/> Selected Compartments <input type="checkbox"/> Selected Floor Areas <input type="checkbox"/> Basement <input type="checkbox"/> In Lieu of Roof Rating <input checked="" type="checkbox"/> Not Required	3.2.2.20. -83 3.2.1.5. 3.2.2.17. INDEX			9.10.8.2 INDEX			
9	Standpipe required			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.9.			N/A			
10	Fire Alarm required			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.4.			9.10.18.			
11	Water Service / Supply is Adequate			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.5.7.			N/A			
12	High Building			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.6.			N/A			
13	Construction Restrictions			<input type="checkbox"/> Combustible permitted <input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-Combustible required <input checked="" type="checkbox"/> Non-Combustible	<input type="checkbox"/> Both	3.2.2.20. -83			9.10.6.		
14	Importance Category <input type="checkbox"/> Low <input type="checkbox"/> Med <input type="checkbox"/> High			<input checked="" type="checkbox"/> Post-disaster	4.1.2.1 (3) 5.2.2.1 (2)			9.4.1.1, 4.1.2.1 (3) 5.2.2.1 (2)			
	Site Class (A,B,C,D,E from Geotechnical Report)			C			4.1.8.4.	4.1.8.4.			
	Earthquake importance factor (IE)			1.5			T.4.1.8.5.	T.4.1.8.5.			
	Acceleration based coefficient (Fa)			1.0			T.4.1.8.4.B	T.4.1.8.4.B			
	5% Spectral Response Acceleration Sa (0.2)			0.190			4.1.8.4.(1) & SB-1, T.1.2.	4.1.8.4.(1) & SB-1, T.1.2.			
	Seismic Hazard Index			IE Fa Sa (0.2) =0.285			4.1.8.4.(1) & SB-1, T.1.2.	4.1.8.4.(1) & SB-1, T.1.2.			
	Design for Seismic Required for Categories 6 to 21. Table 4.1.1.18 (Equal or Above 0.35?) (Yes or No)			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.1.8.18.(2)			4.1.8.18.(2), 9.20.1.2, 9.31.6.2.(5)			
15	Mezzanine(s) Area (m²) 0						3.2.1.1.(3)&(8)	9.10.4.1			
16	Occupant load based on			<input type="checkbox"/> m²/person Basement Occupancy N/A 1st Floor Occupancy F-3 2nd Floor Occupancy N/A 3rd Floor Occupancy N/A	<input checked="" type="checkbox"/> Design of Building Load N/A persons Load N/A persons Load N/A persons	3.1.17.			9.9.1.3.		
17	Barrier-free Design			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain)3.8.1.1.(1)(c)	3.8.			9.5.2.			
18	Hazardous Substances			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.2. & 3.3.1.19.			9.10.13.(4)			
19	Required Fire Resistance Rating (FRR)	Horizontal Assemblies FRR (Hours)			Listed Design No. or Description (SG-2)			3.2.2.20. -83 & 3.2.1.4		9.10.8. 9.10.9.	
Floors		N/A	Hours	N/A							
Roof		N/A	Hours	N/A							
Mezzanine		N/A	Hours	N/A							
FRR of Supporting Members			Listed Design No. or Description (SG-2)								
Floors		N/A	Hours	N/A							
Roof		N/A	Hours	N/A							
Mezzanine		N/A	Hours	N/A							
20	Spatial Separation - Construction of Exterior Walls							3.2.3.	9.10.14.		
	Wall	Area of EBF (m²)	LD (m)	L/H or L/L	Permitted Max % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Comb. Const.	Comb. Constr. Nonc. Cladding	Non-Comb. Const.
	North	207.25	8	4.75	34.5	28	3/4	N/A	N/A	N/A	YES
	East	122.75	47	2.82	100	12.25	N/A	N/A	N/A	N/A	YES
	South	207.25	415	4.75	100	35.65	N/A	N/A	N/A	N/A	YES
	West	122.75	155	2.82	100	4.55	N/A	N/A	N/A	N/A	YES
21	Plumbing Fixture Requirements							Building Code Reference			
								<input checked="" type="checkbox"/> Part 3	<input type="checkbox"/> Part 9		
	Male/Female Count @ 0 % / 0 % / 0 %, except as noted otherwise				Occupant Load	BC Table Number	Fixtures Required	Fixtures Provided			
	Basement: Occupancy N/A				N/A	---	---	---	---		
	1st Floor: Occupancy F-3				0	3.7.4.1.(3)	0	0	3.7.4.1.(3) ---		
	2nd Floor: Occupancy N/A				N/A	---	---	---	---		
	3rd Floor: Occupancy N/A				N/A	---	---	---	---		

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Key Plan:																			
Consultant:																			
 MORRISON HERSHFIELD Suite 300, 125 Commerce Valley Drive Markham, ON L3T 7W4 Tel: (416)499-3110 Fax: (416)499-9658																			
		Seal:																	
NOTE: 1. ALL DIMENSIONS ON SITE PLANS ARE IN METERS. 2. REFER TO SITE SURVEY PLAN REF. # 16-25-284-01, DATED NOVEMBER 19, 2018, PREPARED BY J. D. BARNES LTD., FOR FURTHER INFORMATION ON EXISTING SITE CONDITIONS.																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">3</td> <td style="width: 70%;">ISSUED FOR TENDER</td> <td style="width: 15%; text-align: center;">13/06/2019</td> <td style="width: 5%; text-align: center;">MH</td> </tr> <tr> <td style="text-align: center;">2</td> <td>ISSUED FOR BUILDING PERMIT</td> <td style="text-align: center;">03/06/2019</td> <td style="text-align: center;">MH</td> </tr> <tr> <td style="text-align: center;">1</td> <td>ISSUED FOR 100% REVIEW</td> <td style="text-align: center;">26/04/2019</td> <td style="text-align: center;">MH</td> </tr> <tr> <td style="text-align: center;">REV</td> <td style="text-align: center;">DESCRIPTION</td> <td style="text-align: center;">DATE</td> <td style="text-align: center;">BY</td> </tr> </table>				3	ISSUED FOR TENDER	13/06/2019	MH	2	ISSUED FOR BUILDING PERMIT	03/06/2019	MH	1	ISSUED FOR 100% REVIEW	26/04/2019	MH	REV	DESCRIPTION	DATE	BY
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Client:																			
 Ontario Shores Centre for Mental Health Sciences																			
Project:																			
<h2 style="margin: 0;">NEW POWERHOUSE</h2> 700 GORDON ST. W, WHITBY, ON L1N 5S9																			
Sheet Title:																			
<h1 style="margin: 0;">SITE DEMOLITION PLAN</h1>																			
Drawn By: AH		Date: 12/13/18																	
Designed By: AH		Checked By: ZB																	
Scale: As indicated		File Path: 08A-300\08A - 1802218 - Ontario Shores, Powerhouse\1802218 Ontario Shores Powerhouse-RVTD18-ARCH1.indd																	
Project No:		Drawing No:																	
<h2 style="margin: 0;">1802218</h2>		<h2 style="margin: 0;">A101</h2>																	

EXTERIOR WALL ASSEMBLY		
WALL NO.		MATERIALS
W1		90mm CONCRETE BLOCK (SPLIT FACE) 50mm AIR SPACE 50mm RIGID INSULATION (MIN. RSI 2.01) AIR VAPOUR BARRIER 240mm CONCRETE BLOCK
W2		(3/4 HR FIRE RESISTANCE RATING PER LISTED OBC SB-2, TABLE 2.1.1) 50mm PERIMETER CONCRETE-FACED INSULATION (MIN. RSI 2.01) FULL HEIGHT DAMP PROOFING MEMBRANE POURED CONCRETE (REFER TO STRUCT FOR REINFORCEMENT)

EXTERIOR WALL NOTES:

- ALL WALLS TO BE ENGINEERED TO WITHSTAND APPLICABLE WIND LOADS.
- SEE EXTERIOR ELEVATIONS FOR COURSING TYPE AND COLOUR SELECTIONS.
- ALL CHANGES IN MATERIAL TO BE PROPERLY FLASHED WITH PREFINISHED METAL LINERS.

INTERIOR PARTITION TYPES

WALL NO.		MATERIALS	FIRE RESISTANCE RATING	STC RATING
P1B		190mm CONCRETE BLOCK (REFER TO STRUCT FOR REINFORCEMENT)	2-HR (ULC DESIGN NO. U905)	42

INTERIOR PARTITION NOTES:

- FILL CONCRETE BLOCK AS REQUIRED TO ACHIEVE INDICATED F.R.R.
- ALL INTERIOR MASONRY PARTITIONS TO BE 190mm CMU BLOCK (P1) UNO.
- PARTITION FIRE RESISTANCE PER LISTED ULC OR OBC SB-2, TABLE 2.1.1.
- PARTITION SOUND TRANSMISSION CLASS AS PER OBC SB-2.
- ALL PARTITIONS TO EXTEND TO UNDERSIDE OF METAL DECK OR STRUCTURAL SLAB UNO. PROVIDE MASONRY LATERAL SUPPORT AS PER STRUCTURAL DWGS.
- FIRE RESISTANCE RATED PARTITIONS SHALL USE RATED FIRESTOPPING SYSTEM.
- FIRE RESISTANCE RATING AND SMOKE BARRIER RATINGS TO SURROUND ALL OPENINGS/ PENETRATIONS IN RATED PARTITIONS.
- CMU PARTITIONS ARE DIMENSIONED TO FACE OF CMU. SEE PARTITION TYPE FOR PARTITION THICKNESS.
- REFER TO STRUCTURAL DWGS FOR STEEL REINFORCEMENT AND LOCATION OF LOAD BEARING CMU.

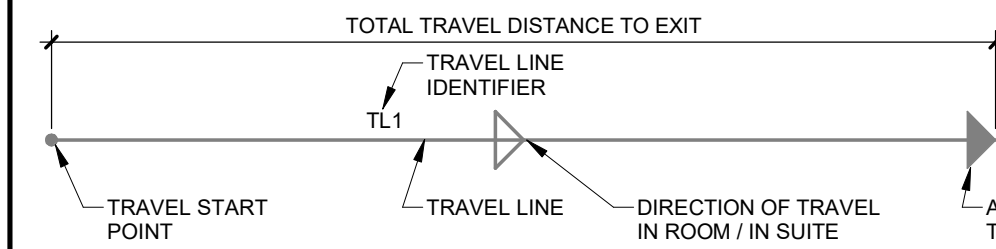
FLOOR TYPES

FLOOR NO.		MATERIALS
F1		POURED-IN-PLACE REINFORCED CONCRETE SLAB ON GRADE (REFER TO STRUCT) UNDERSLAB VAPOUR RETARDER 50mm RIGID INSULATION (RSI 2.01) FOR 1200mm FROM PERIMETER (TYP.) GRANULAR BASE (REFER TO STRUCT DWGS AND GEOTECHNICAL REPORT)

LIFE SAFETY LEGEND

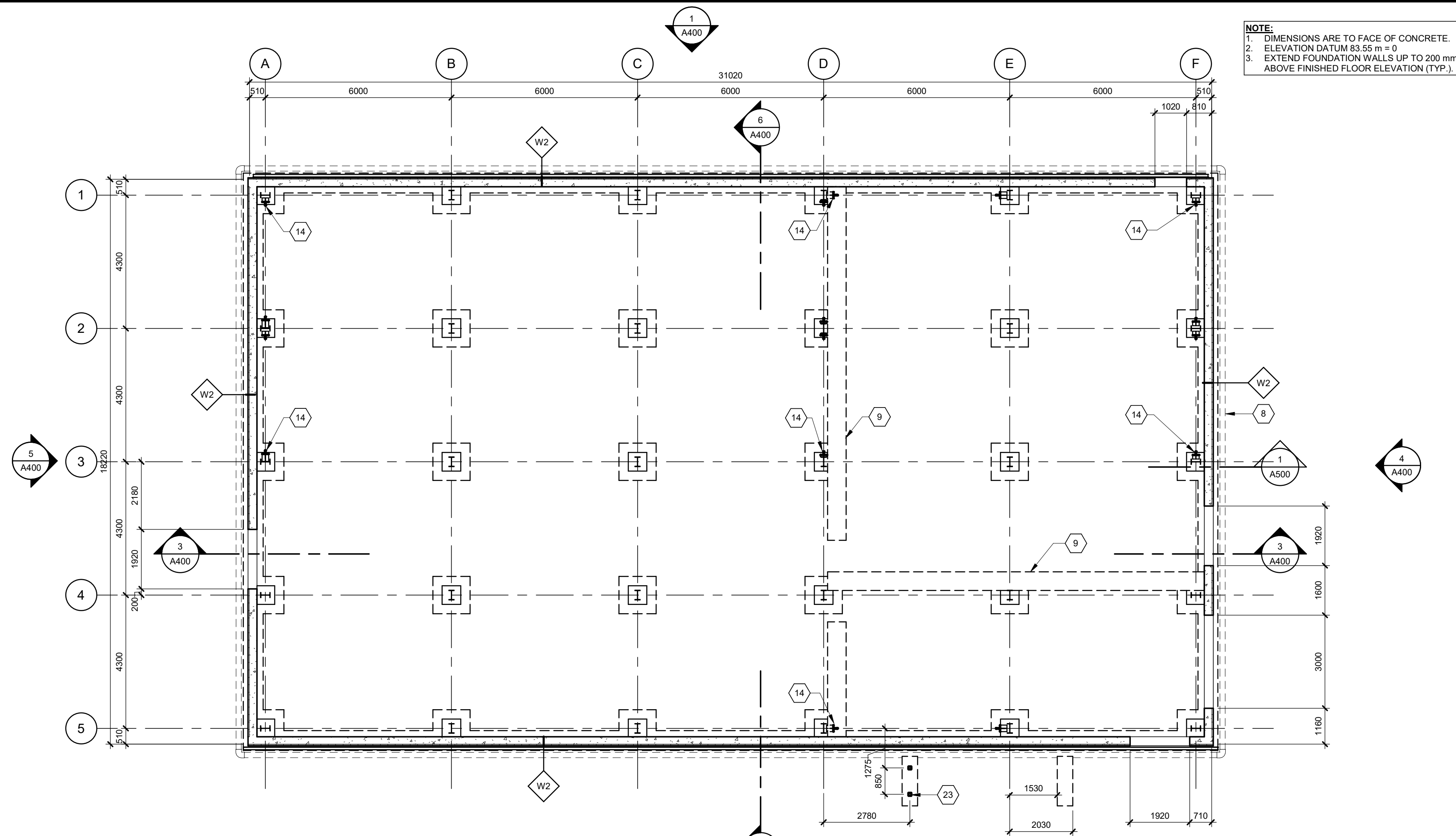
----- 2 HOUR FIRE RATED SEPARATION

EGRESS PATH / TRAVEL DISTANCE:

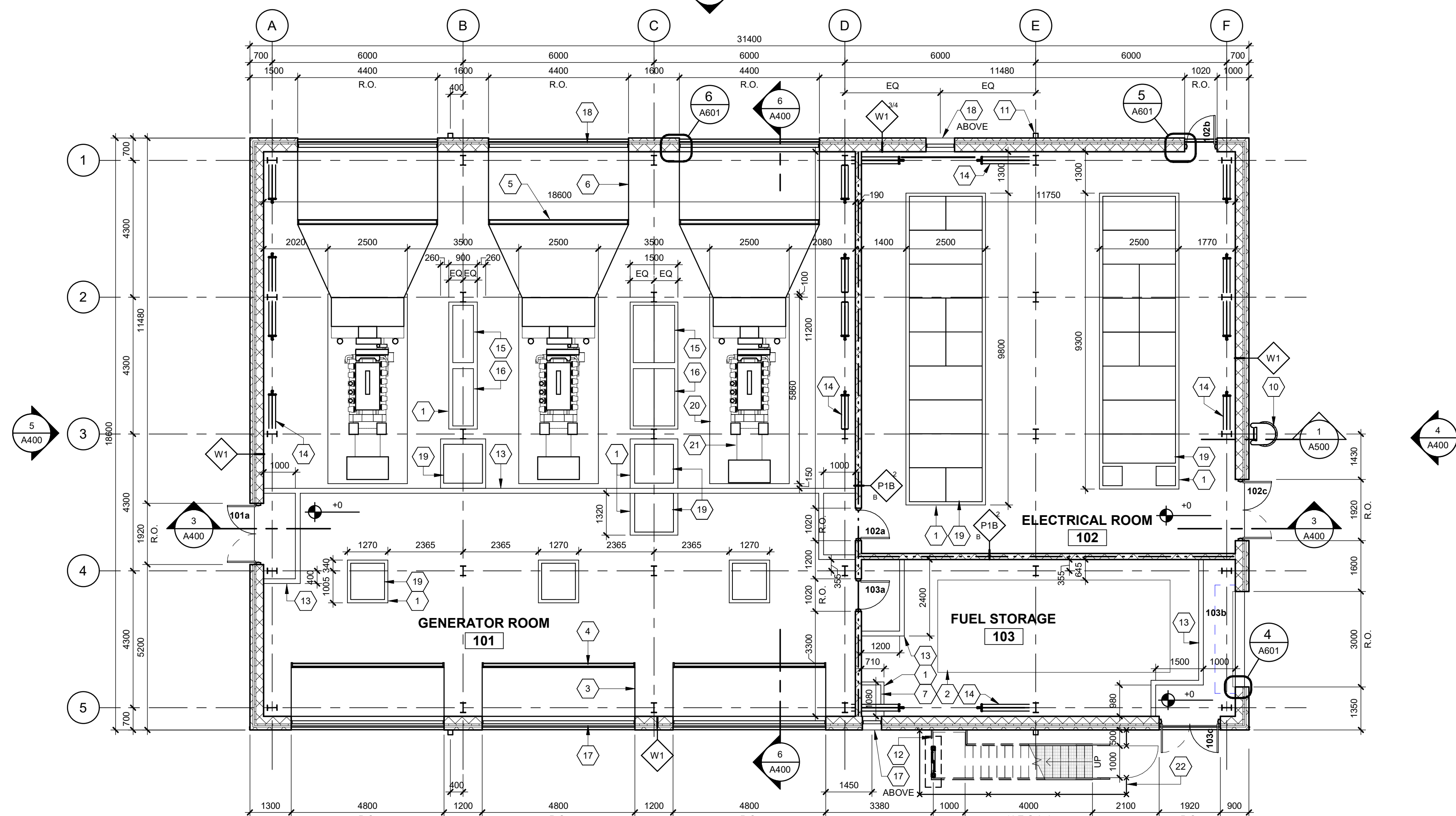


KEYNOTE LEGEND

ITEM	DESCRIPTION
1	100 CONCRETE HOUSEKEEPING PAD (TYP.) SIZE AND LOCATION SHOWN IS FOR REFERENCE ONLY. FINAL SIZE AND LOCATION TO BE COORDINATED WITH MECH./ELEC. EQUIPMENT, AT NO EXTRA COST
2	FUEL TANK. REFER TO MECHANICAL
3	INTAKE SILENCER (TYP. OF 3). REFER TO MECHANICAL
4	INTAKE DAMPER (TYP. OF 3). REFER TO MECHANICAL
5	EXHAUST DAMPER (TYP. OF 3). REFER TO MECHANICAL
6	EXHAUST SILENCER (TYP. OF 3). REFER TO MECHANICAL
7	FUEL POLISHER. REFER TO MECHANICAL
8	150 WEEPING TILE CONNECTED TO STORM LINE (TYP.)
9	CONCRETE FOOTING BELOW (TYP.). SEE STRUCTURAL
10	FIXED METAL ACCESS LADDER W/ CAGE AND LOCKABLE HINGED GATE. PAINTED. DESIGN TO ONTARIO OCCUPATIONAL HEALTH & SAFETY ACT (OHS) REGULATIONS
11	PREFINISHED METAL DOWNSPOUT (TYP. OF 4)
12	GALV. STEEL GRATING STAIR AND PLATFORM C/W 1100 HIGH HANDRAILS AND GUARDRAILS. PROVIDE SLIP-RESISTANT TREADS AND NOSINGS TO STAIRS
13	150 WIDE X 200 HIGH CONC. CURB, PAINTED YELLOW (TYP.)
14	STRUCTURAL BRACING, PAINTED. SEE STRUCTURAL
15	DAY TANK. SEE MECHANICAL
16	PUMPS. SEE MECHANICAL
17	PREFINISHED METAL AIR INTAKE LOU/VRE (TYP.). REFER TO MECHANICAL
18	PREFINISHED METAL EXHAUST LOU/VRE (TYP.). REFER TO MECHANICAL
19	ELECTRICAL EQUIPMENT (TYP.). REFER TO ELECTRICAL
20	GENERATOR FOUNDATION. REFER TO STRUCTURAL (TYP. OF 3)
21	POWER GENERATOR (TYP. OF 3). SEE ELECTRICAL
22	1800 HIGH CHAIN LINK FENCE C/W SECURED GATE
23	GALV. STEEL SUPPORT TO STAIR. REFER TO STRUCTURAL

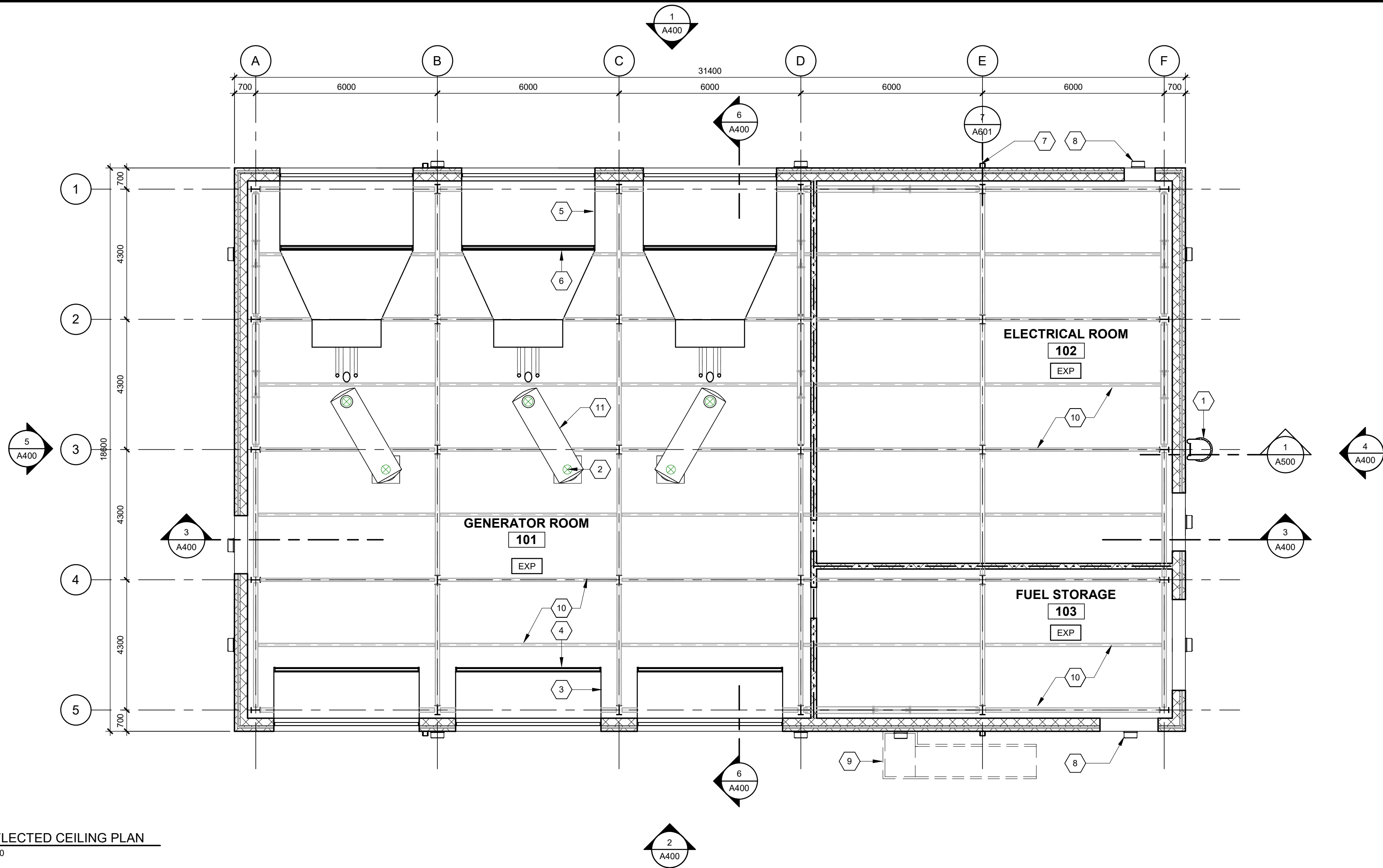


1 FOUNDATION PLAN
1 : 100



GENERAL NOTES: REFLECTED CEILING PLAN(S)

NOT ALL FIXTURES, DEVICES AND EQUIPMENT ARE NECESSARILY SHOWN ON REFLECTED CEILING PLANS. THE FIXTURES, DEVICES AND EQUIPMENT SHOWN ARE FOR COORDINATION PURPOSES. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL SCOPE, INFORMATION AND REQUIREMENTS.



2 REFLECTED CEILING PLAN
A201 1:100

ROOF SYMBOLS

R1 ROOF CONSTRUCTION TYPE
(REFER TO ROOF TYPES SCHEDULE)

ROOF DATUM
+0000 ELEVATION ABOVE GROUND FLOOR SLAB IN
MILLIMETERS AT U/S OF ROOF DECK AT LOW
POINT (SEE STRUCT DWGS)

TOR TOP OF ROOF ELEVATION (AT FINISHED
SURFACE) RELATIVE TO ROOF DATUM

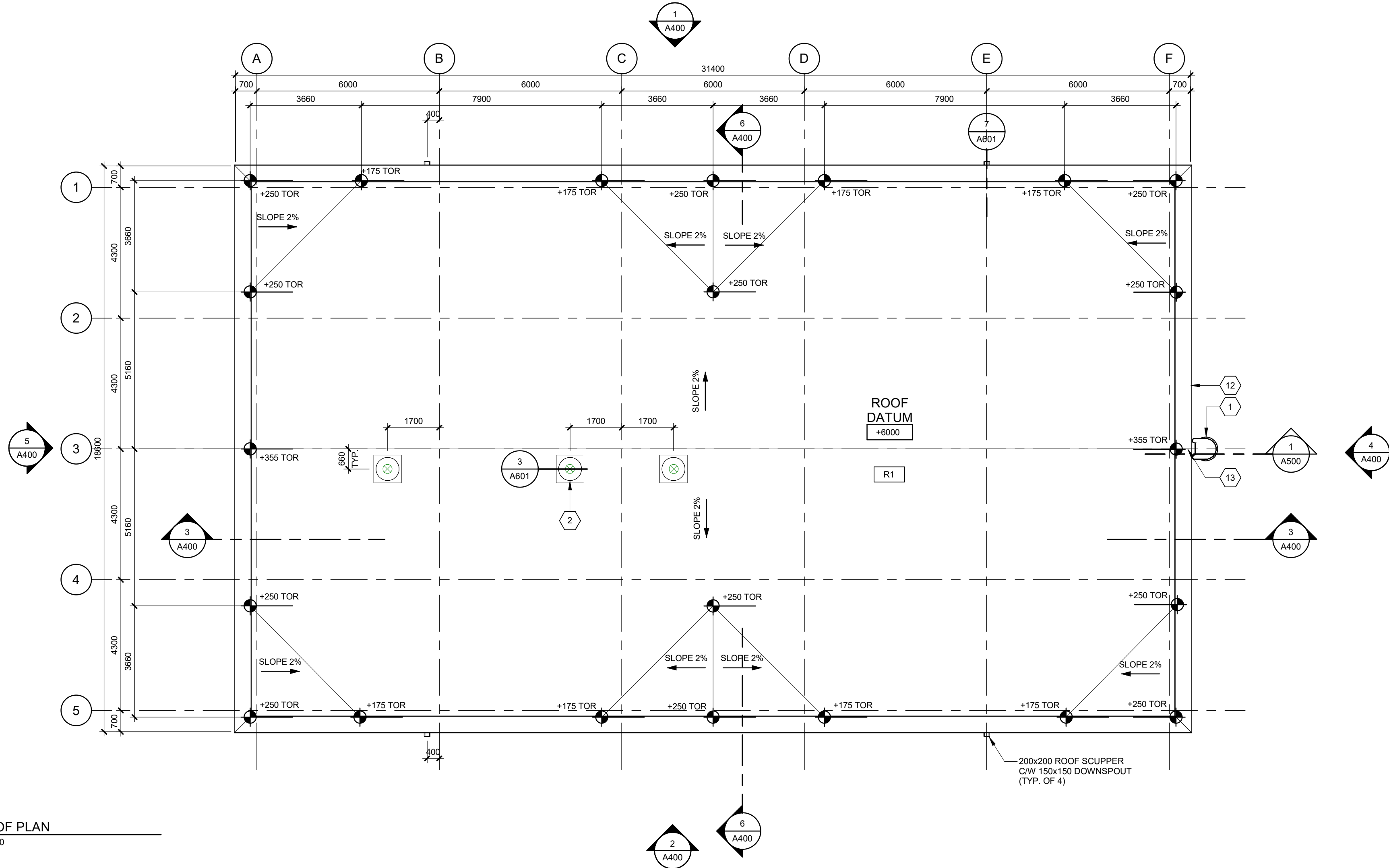
SLOPE % DIRECTION OF SLOPE FROM HIGH
POINT TO LOW POINT

ROOF TYPES

ROOF NO.	MATERIALS
R1	2 PLY MOD BIT ROOF MEMBRANE 6mm OVERLAY BOARD 2 LAYERS 50mm RIGID INSULATION (RSI 4.02/R 22.8) AT LOW POINT, TAPERED TO SUIT SLOPES AS INDICATED ROOF VAPOUR RETARDER 16mm ROOF SHEATHING METAL DECK (REFER TO STRUCT.)

KEYNOTE LEGEND

ITEM	DESCRIPTION
1	FIXED METAL ACCESS LADDER W/ CAGE AND LOCKABLE HINGED GATE, PAINTED. DESIGN TO ONTARIO OCCUPATIONAL HEALTH & SAFETY ACT (OHS) REGULATIONS
2	GENERATOR EXHAUST STACK & THIMBLE (TYP. OF 3), SEE MECHANICAL
3	INTAKE SILENCER (TYP. OF 3), REFER TO MECHANICAL
4	INTAKE DAMPER (TYP. OF 3), REFER TO MECHANICAL
5	EXHAUST SILENCER (TYP. OF 3), REFER TO MECHANICAL
6	EXHAUST DAMPER (TYP. OF 3), REFER TO MECHANICAL
7	PREFINISHED METAL DOWNSPOUT (TYP. OF 4)
8	WALL PACK LIGHTING FIXTURE (TYP.) SEE ELECTRICAL
9	GALV. STEEL GRATING STAIR AND PLATFORM C/W 1100 HIGH HANDRAILS AND GUARDRAILS. PROVIDE SLIP-RESISTANT TREADS AND NOSINGS TO STAIRS
10	STEEL STRUCTURE, PAINTED (TYP.)
11	GENERATOR EXHAUST MUFFLER, REFER TO MECHANICAL (TYP. OF 3)
12	PREFINISHED METAL CAP FLASHING OVER PARAPET (TYP.)
13	PROVIDE ADEQUATE WOOD BLOCKING AT PARAPET FOR THE WIDTH OF THE LADDER. TO SUPPORT STEPPING ON/OFF THE FIXED LADDER. APPLY ANTI-SLIP PAINT TO CAP FLASHING FOR THE WIDTH OF LADDER

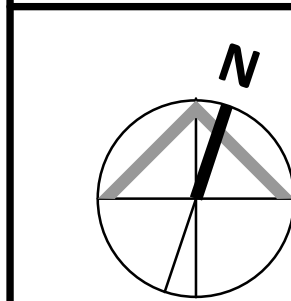


1 ROOF PLAN
A201 1:100

Key Plan:

Consultant:

MORRISON HERSHFIELD
Suite 300, 125 Commerce Valley Drive
Markham, ON L3T 7W4
Tel: (416)499-3110 Fax: (416)499-9658



Seal:

3	ISSUED FOR TENDER	13/06/2019	MH
2	ISSUED FOR BUILDING PERMIT	03/06/2019	MH
1	ISSUED FOR 100% REVIEW	26/04/2019	MH
REV	DESCRIPTION	DATE	BY

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Client:

Ontario Shores
Centre for Mental Health Sciences

Project:

NEW POWERHOUSE

700 GORDON ST. W., WHITBY, ON L1N 5S9

Sheet Title:

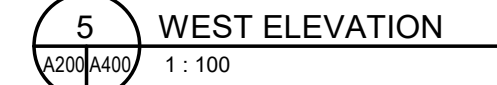
**ROOF & REFLECTED
CEILING PLAN**



Drawn By: AH Date: 05/29/18

Designed By: AH Checked By: ZB

Scale: As indicated File Path: B:\303\304\1802218 - Ontario Shores
Powerhouse\1802218 Ontario Shores
Powerhouse\REV\CEILING A201.rvt


Project No: 1802218 Drawing No: A201



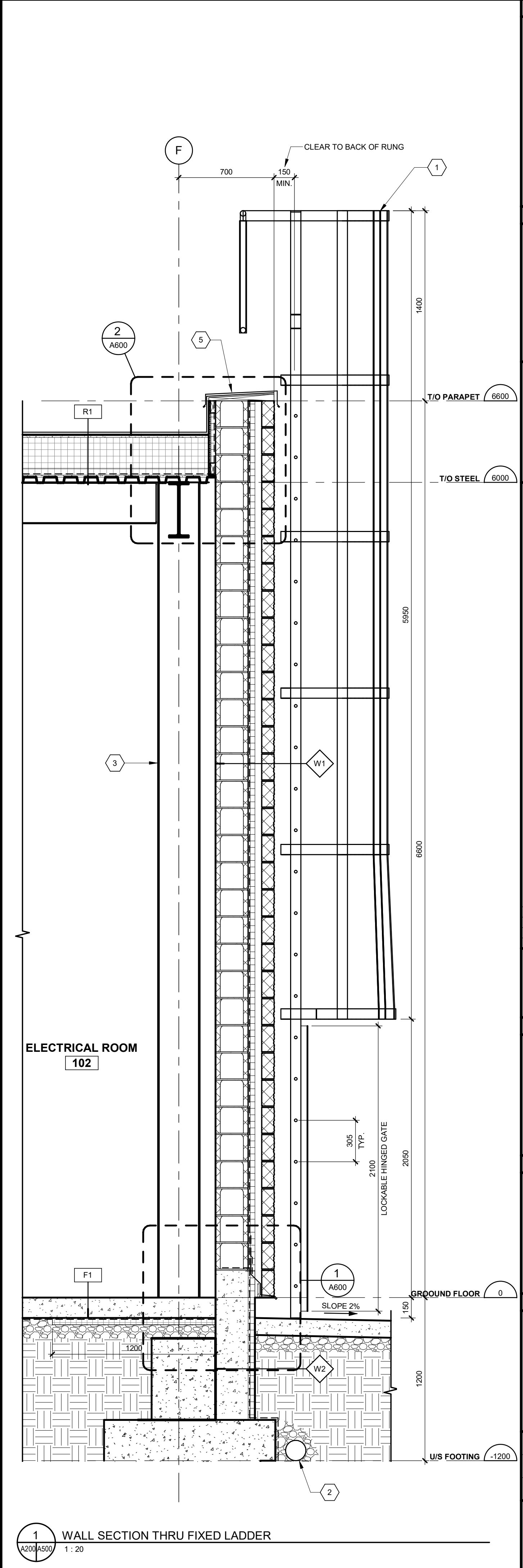
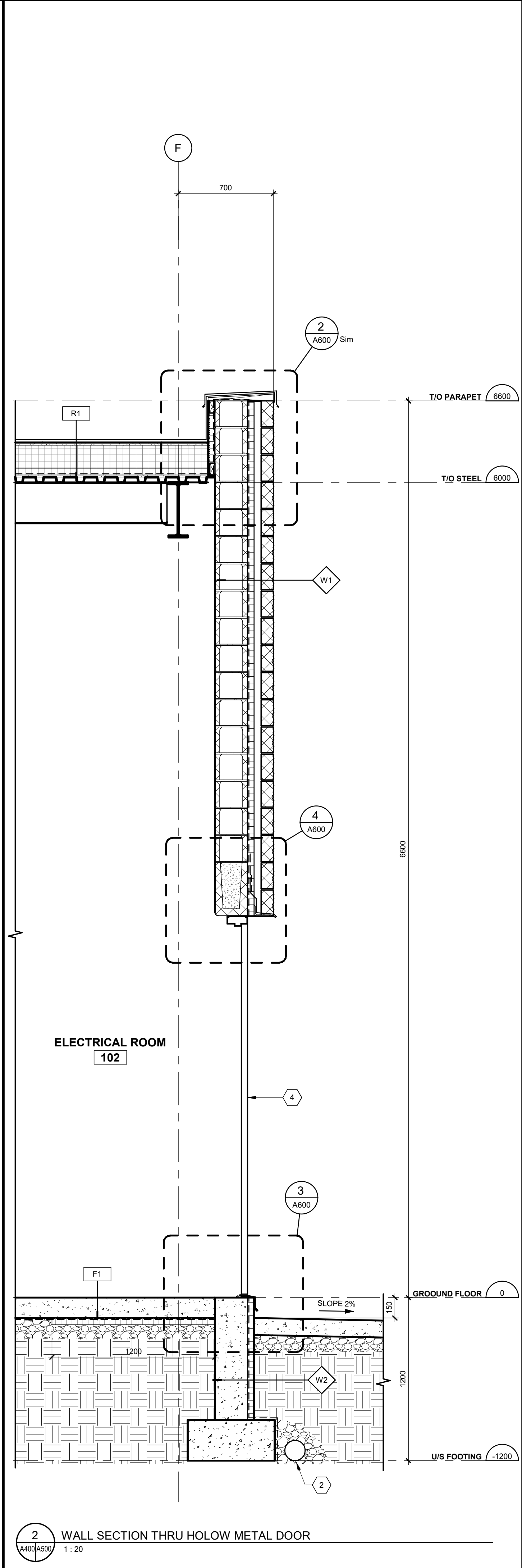
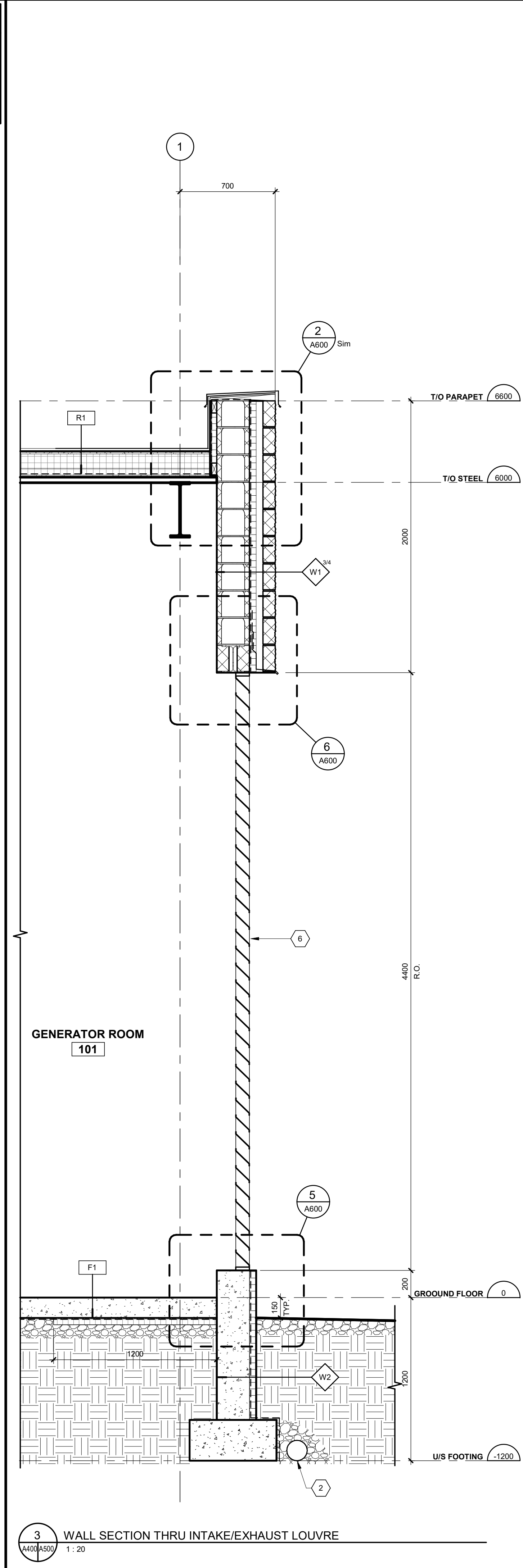
MATERIAL LEGEND			
SYM.	MATERIAL		
	CONCRETE BLOCK - COLOUR 1 (SPLIT FACE ARCHITECTURAL)		
	CONCRETE BLOCK - COLOUR 2 (SPLIT FACE ARCHITECTURAL)		

3	ISSUED FOR TENDER	13/06/2019	MH
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1	ISSUED FOR 100% REVIEW	26/04/2019	MH
REV	DESCRIPTION	DATE	BY

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 Ontario Shores Centre for Mental Health Sciences	
Project:	
NEW POWERHOUSE	
700 GORDON ST. W, WHITBY, ON L1N 5S9	
Sheet Title:	
BUILDING ELEVATIONS & SECTIONS	
Drawn By: AH	Date: 05/29/18
Designed By: AH	Checked By: ZB
Scale: As indicated	File Path: BIM\360\RMH - 1802218 - Ontario Shores Floorplans\1802218-CR01-01.dgn (Sheet)\Lay-01\180218-ARCH.dwg
Project No: 1802218	Drawing No: A400

KEYNOTE LEGEND	
ITEM	DESCRIPTION
1	FIXED METAL ACCESS LADDER W/ GAGE AND LOCKABLE HINGED GATE, PAINTED. DESIGN TO ONTARIO OCCUPATIONAL HEALTH & SAFETY ACT (OHSA) REGULATIONS.
2	150 WEEPING TILE CONNECTED TO STORM LINE (TYP.)
3	STEELL COLUMN. SEE STRUCTURAL
4	INSULATED HOLLOW METAL DOOR AND FRAME (TYP.) REFER TO DOOR & HARDWARE SCHEDULE
5	PROVIDE ADEQUATE WOOD BLOCKING AT PARAPET FOR THE WIDTH OF THE LADDER, TO SUPPORT STEPPING ON/OFF THE FIXED LADDER. APPLY ANTI-SLIP PAINT TO CAP FLASHING FOR THE WIDTH OF LADDER
6	PREFINISHED METAL EXHAUST LOUVRE (TYP.), REFER TO MECHANICAL



Key Plan:

Consultant:

MORRISON HERSHFIELD

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Seal:

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NEW POWERHOUSE

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Sheet Title:

WALL SECTIONS

Drawn By:	AH	Date:	05/29/18
Designed By:	AH	Checked By:	ZB

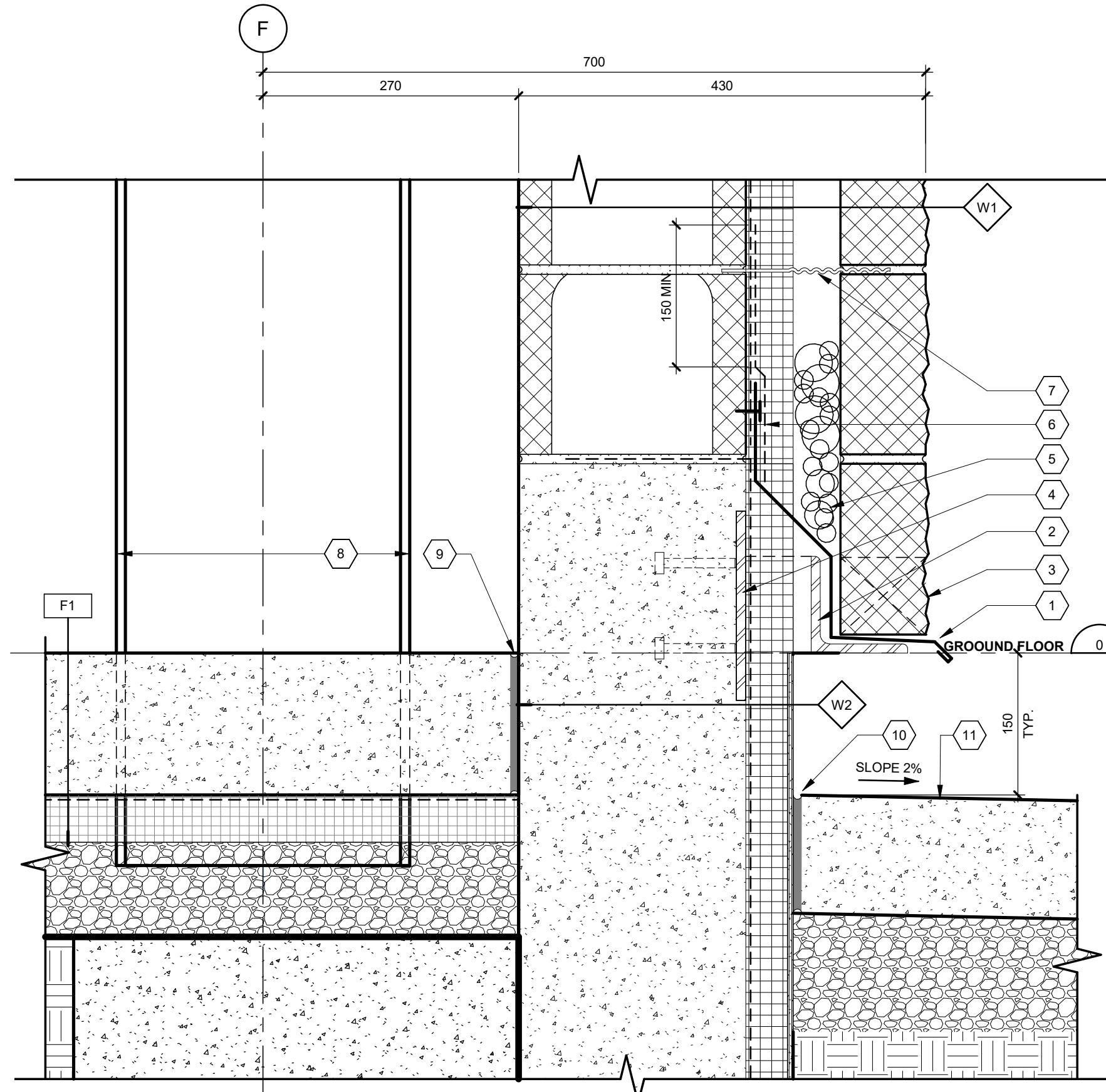
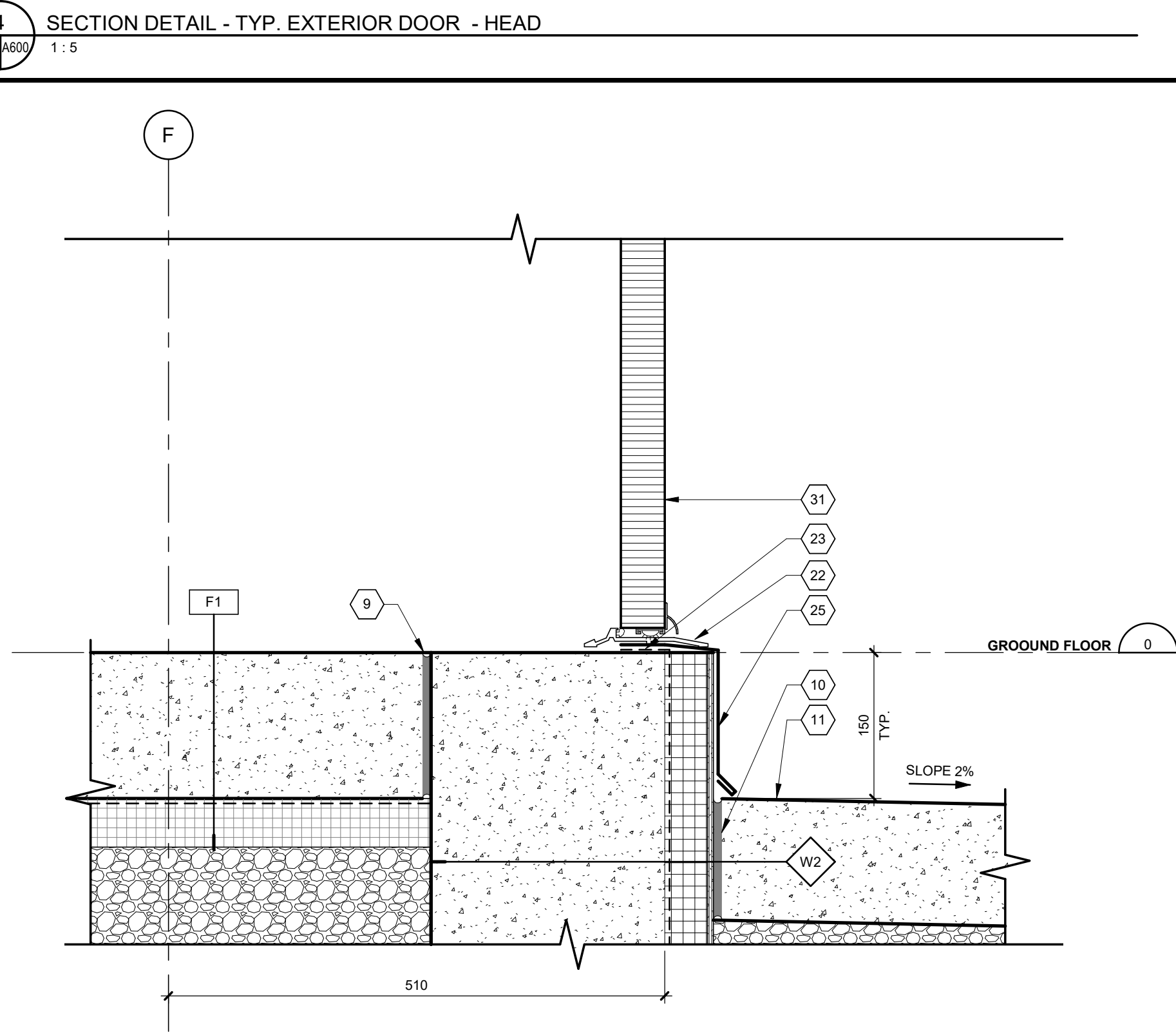
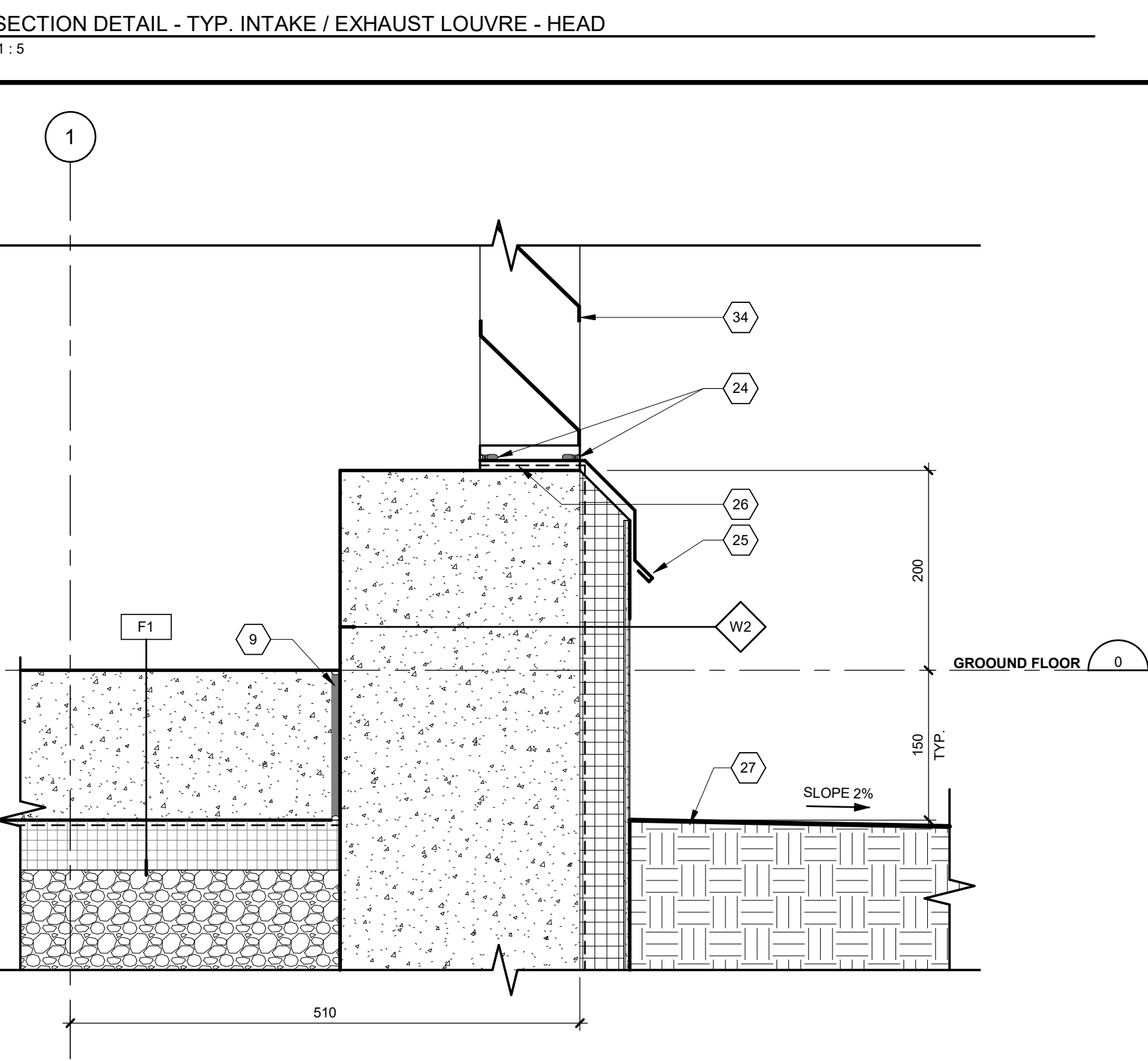
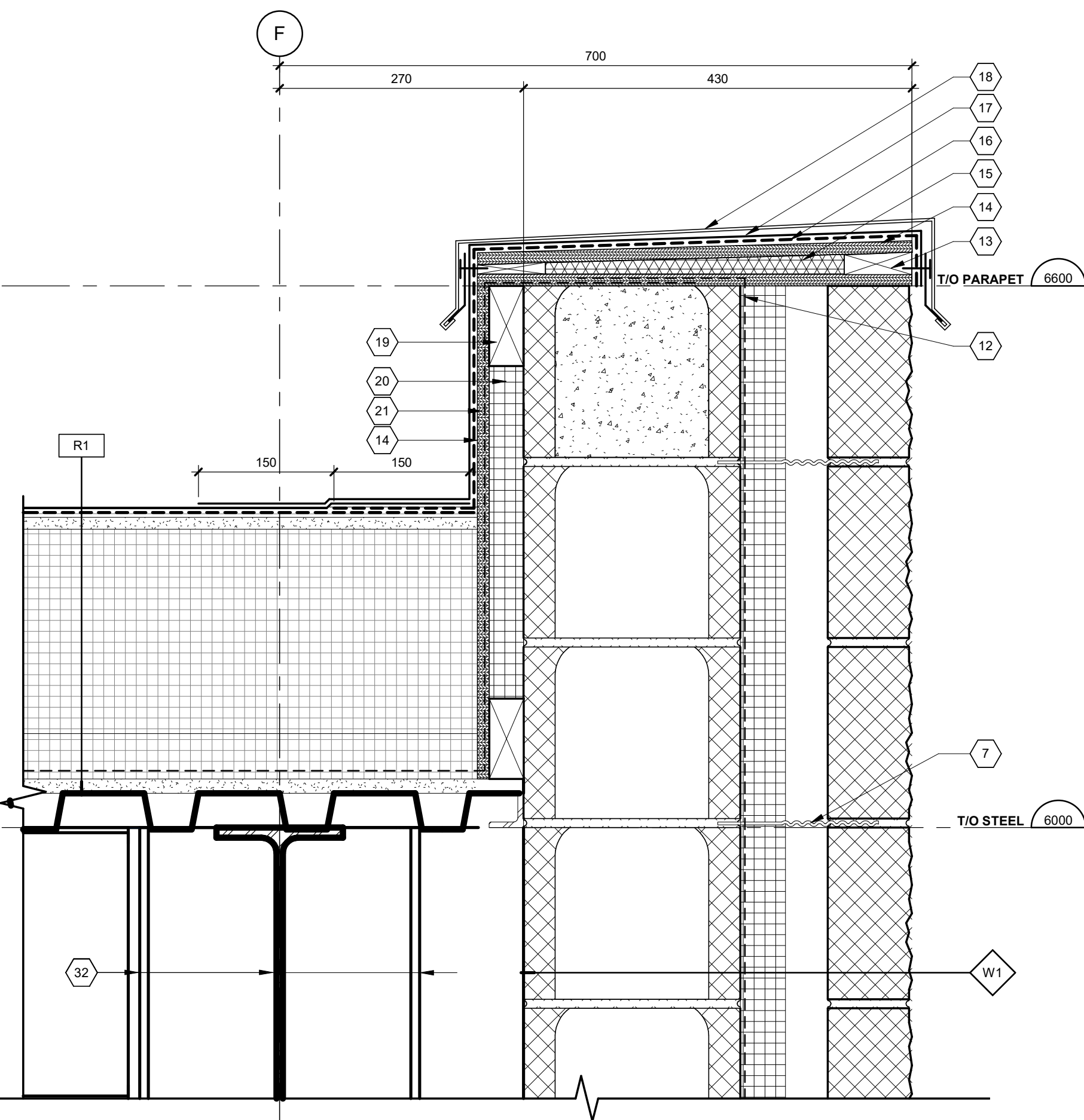
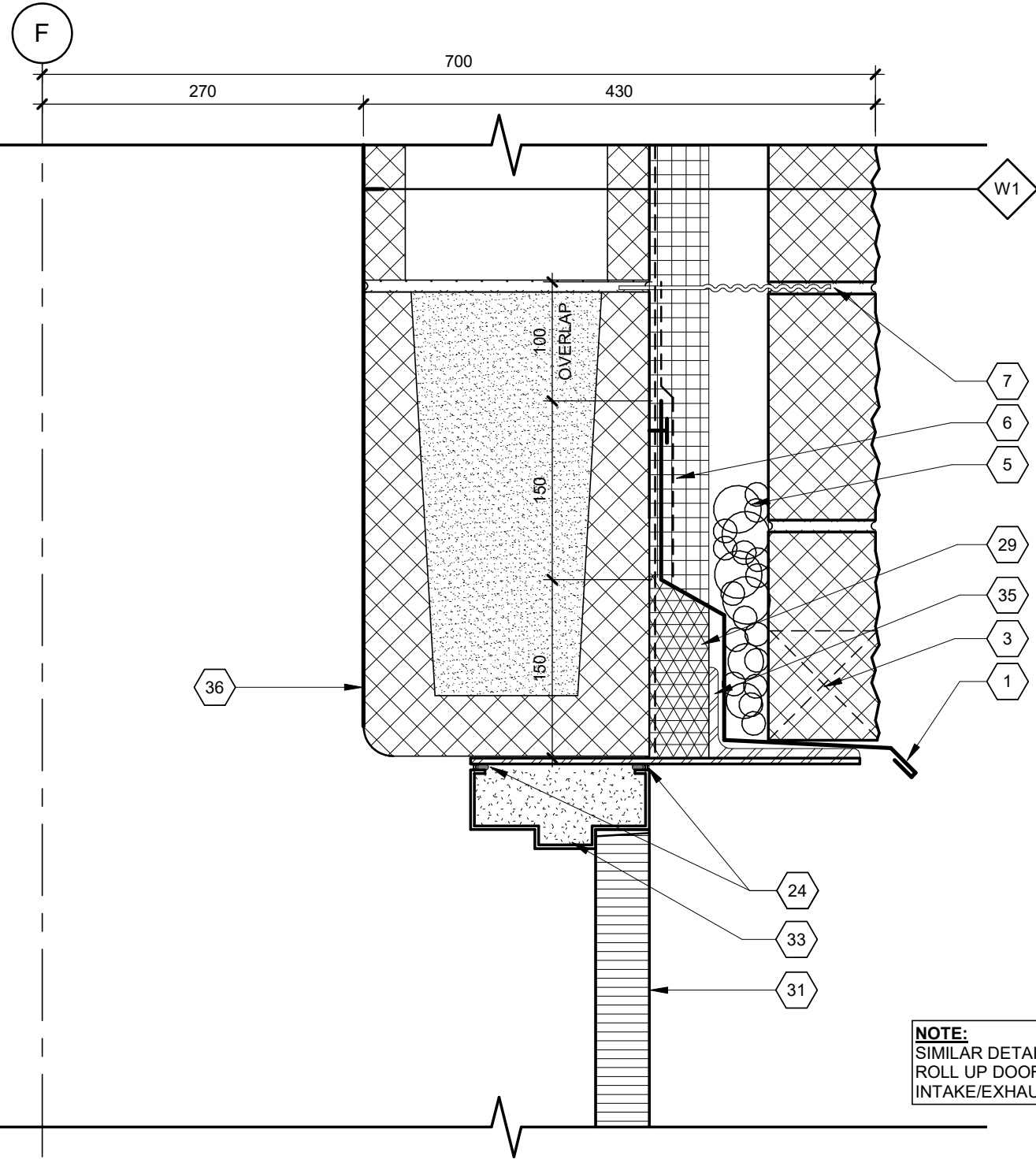
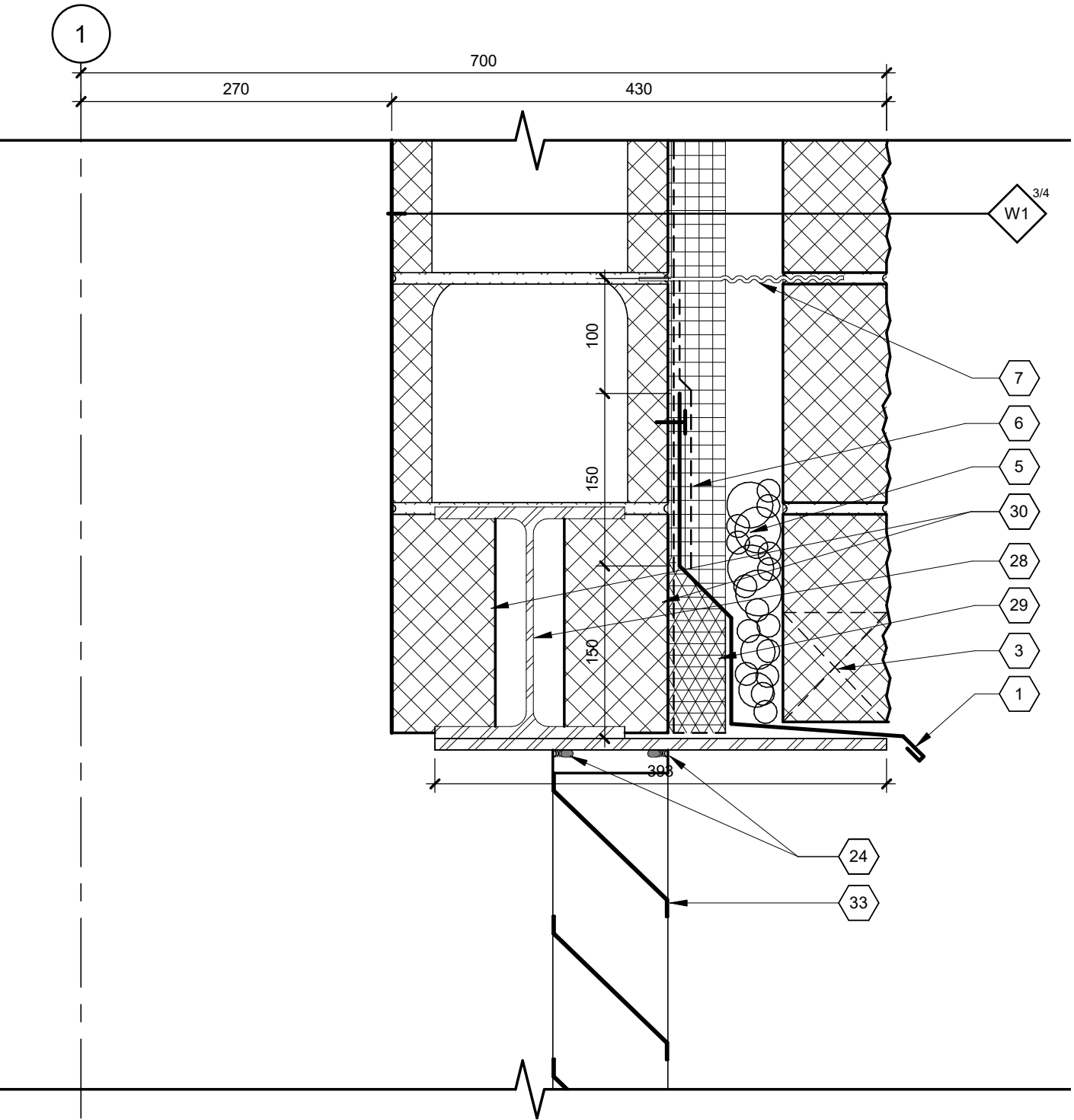
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Project No:	1802218	Drawing No:	A500
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KEYNOTE LEGEND	
ITEM	DESCRIPTION
1	PREFINISHED CONTINUOUS METAL FLASHING WITH DRIP EDGE ATTACHED TO CONCRETE BLOCK
2	STEEL SHELF ANGLE ATTACHED TO OUTRIGGERS
3	WEEP HOLES C/W INSECT SCREEN @ 800 O.C.
4	200X200X10 STEEL WELD PLATE CAST INTO CONC. @ 600 O.C. FLUSH WITH EXTERIOR FACE OF WALL C/W 10mm FLAT KNIFE BLADE GUSSETS
5	MORTAR DROPPING COLLECTION DEVICE
6	SELF-ADHERED FLASHING MEMBRANE OVER METAL FLASHING
7	MASONRY TIE (TYP.)
8	STEEL COLUMN, SEE STRUCTURAL
9	FLEX CELL FIBER BOARD (TYP.)
10	10mm ASPHALT IMPREGNATED BOARD (TYP.)
11	125 CONCRETE SIDEWALK (TYP.) SEE ARCHITECTURAL SITE PLAN FOR WIDTHS
12	AIR BARRIER MEMBRANE UP AND OVER PARAPET, OVERLAP ON ROOF VAPOUR BARRIER AND SEAL THE SEAM
13	PRESURE TREATED WOOD BLOCKING TO PROVIDE POSITIVE SLOPE
14	13 EXTERIOR GRADE PLYWOOD SHEATHING
15	PACK CAVITY WITH MINERAL WOOL INSULATION
16	BASE SHEET FLASHING MEMBRANE UP AND OVER PARAPET
17	CAP SHEET FLASHING MEMBRANE UP AND OVER PARAPET
18	PREFINISHED METAL CAP FLASHING
19	2X PRESSURE TREATED WOOD FRAMING TO BACK OF PARAPET
20	RIGID INSULATION IN 2X WOOD FRAMING
21	EXTEND ROOF VAPOUR BARRIER UP AND OVER PARAPET
22	DOOR THRESHOLD C/W GASKET
23	DAMP PROOFING UP AND OVER FOUNDATION WALL AND BELOW THRESHOLD
24	BACKER ROD AND SEALANT
25	CONTINUOUS PREFINISHED METAL FLASHING
26	DAMP PROOFING UP AND OVER FOUNDATION WALL AND BELOW LOUVRE
27	GRADE, SLOPE AWAY FROM BUILDING (TYP.)
28	STEEL BEAM LINTEL C/W WELDED PLATE TO BOTTOM FLANGE, SEE STRUCTURAL, EXTEND PLATE OUT TO SUPPORT FACE CMU
29	MINERAL WOOL INFILL
30	CUT CMU TO SUIT STEEL BEAM LINTEL WEB

KEYNOTE LEGEND	
ITEM	DESCRIPTION
31	INSULATED HOLLOW METAL DOOR AND FRAME (TYP.) REFER TO DOOR & HARDWARE SCHEDULE
32	STEEL STRUCTURE, PAINTED (TYP.)
33	FILL CAVITY WITH SPRAY FOAM INSULATION
34	PREFINISHED METAL EXHAUST LOUVRE (TYP.), REFER TO MECHANICAL
35	STEEL ANGLE LINTEL C/W STEEL PLATE WELDED TO UNDERSIDE OF ANGLE
36	MASONRY LINTEL, REFER TO STRUCTURAL FOR SIZE AND REINFORCEMENT



Key Plan:

Consultant:

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Ontario Shores
Centre for Mental Health Sciences

Project:

NEW POWERHOUSE

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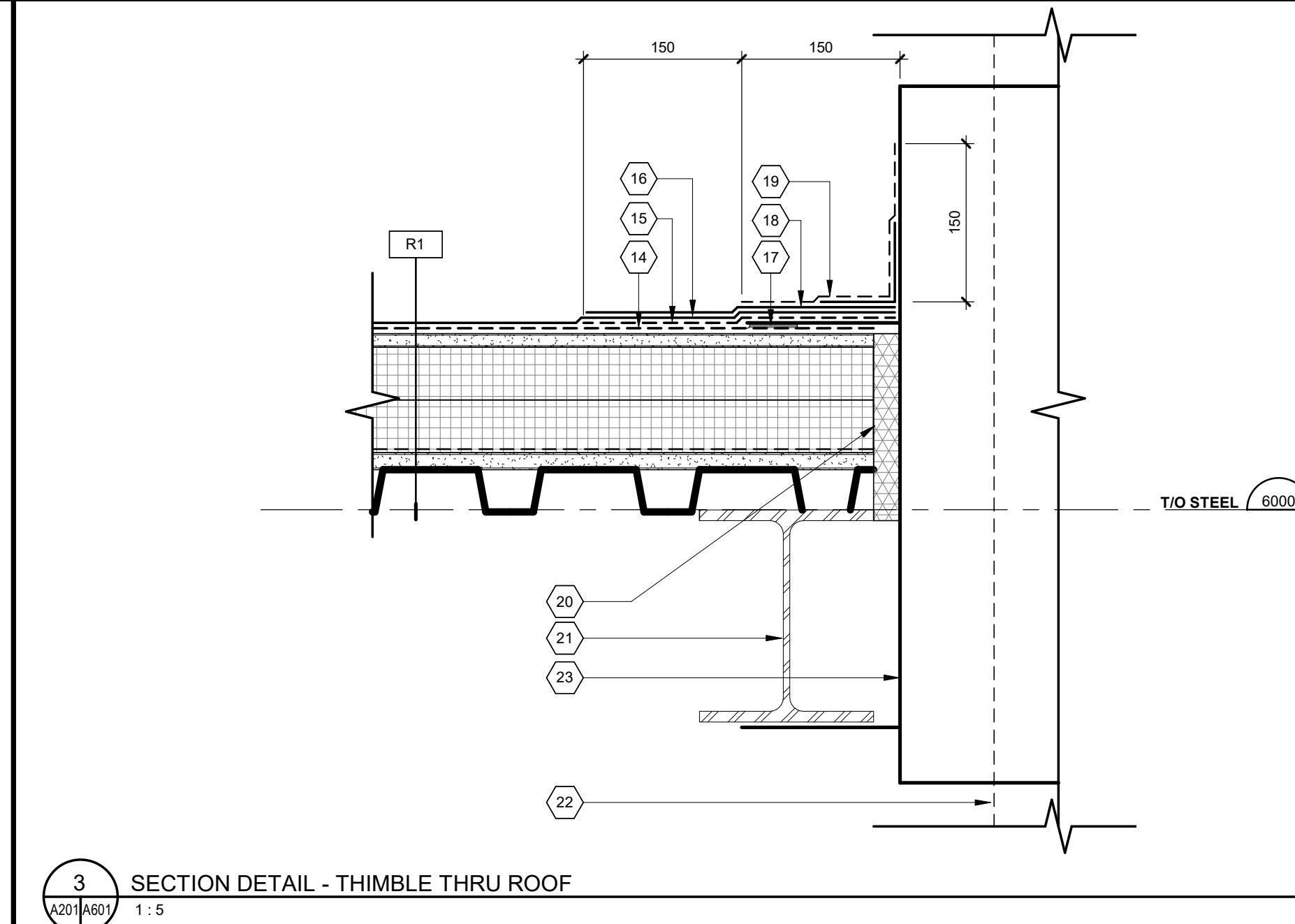
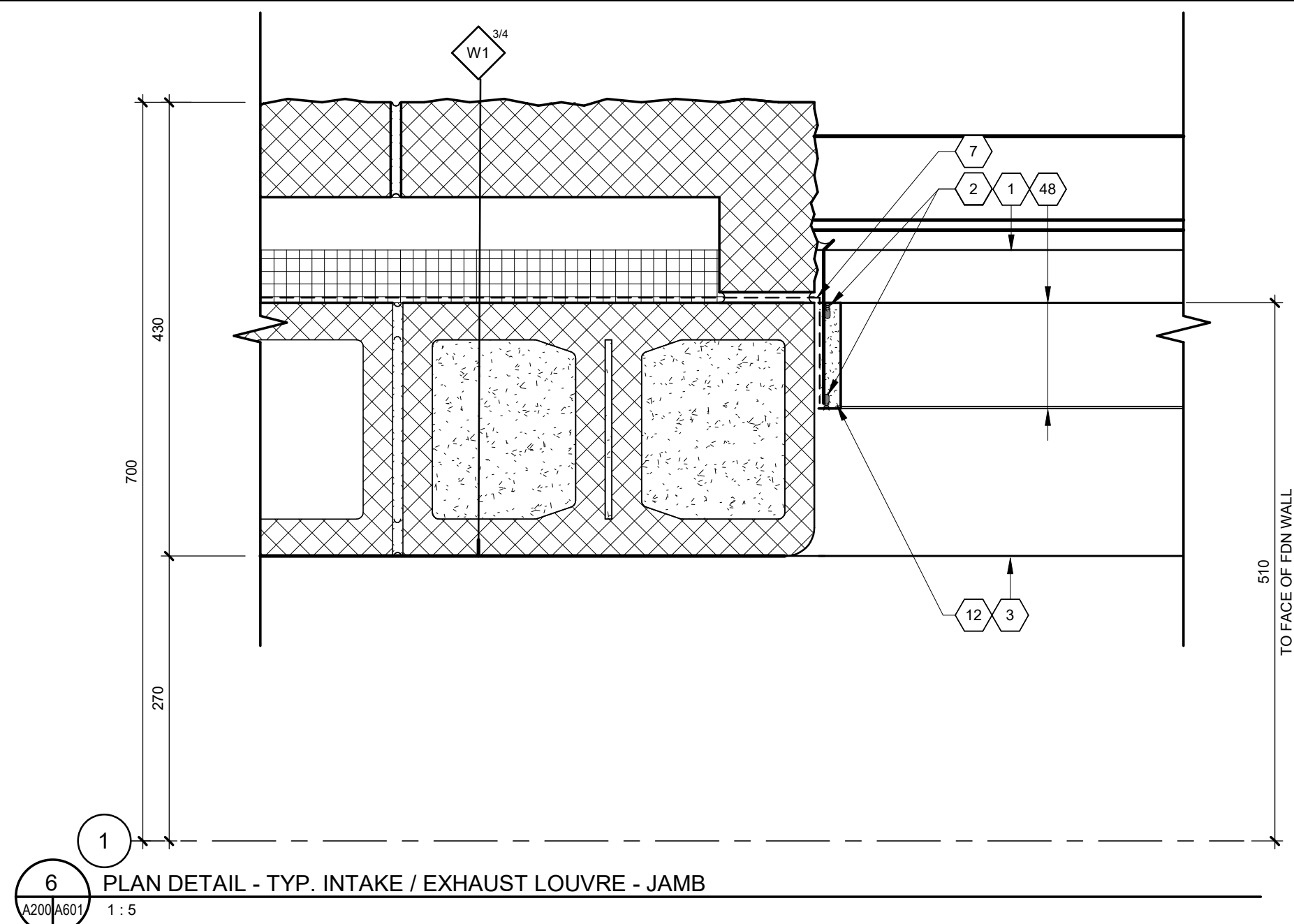
Sheet Title:

SECTION DETAILS

Drawn By: AH Date: 12/06/18
Designed By: AH Checked By: ZB
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Project No: 1802218 Drawing No: A600

KEYNOTE LEGEND	
ITEM	DESCRIPTION
1	PREFINISHED METAL FLASHING BELOW
2	BACKER ROD AND SEALANT
3	EDGE OF CONCRETE FOUNDATION WALL BELOW
4	6mm CONTINUOUS GALVANIZED BENT PLATE AT JAMB (TYP.)
5	DOOR GUIDE W/ FACE OF WALL MOUNTING PER MANUFACTURER'S RECOMMENDED DIMENSIONS
6	WEATHER SEAL BRUSH AROUND DOOR OPENING
7	RETURN AIR BARRIER INTO DOOR LOUVER JAMB
8	INSULATED HOLLOW METAL DOOR AND FRAME (TYP.) REFER TO DOOR & HARDWARE SCHEDULE
9	SEALANT
10	CONTINUOUS PREFINISHED METAL FLASHING
11	MASONRY ANCHOR TO SUIT
12	FILL CAVITY WITH SPRAY FOAM INSULATION
13	OVERHEAD ROLLING DOOR. REFER TO DOOR SCHEDULE
14	BASE SHEET MEMBRANE
15	BASE SHEET FLASHING MEMBRANE
16	CAP SHEET MEMBRANE
17	MASTIC SEALANT BED
18	CAP SHEET FLASHING MEMBRANE
19	LIQUID MEMBRANE FLASHING W/ REINFORCEMENT
20	PACK CAVITY WITH MINERAL WOOL INSULATION
21	STEEL FRAMING TO ROOF OPENING. SEE STRUCTURAL
22	EXHAUST STACK. SEE MECHANICAL
23	THIMBLE THRU ROOF. SEE MECHANICAL
24	MINERAL WOOL INSULATION (MIN. 64 KG/M2) CUT IN STRIPS TO THICKNESS OF WALL. COMPRESS AND INSERT INTO GAP TO COMPLETELY FILL THE VOID BETWEEN HEAD OF WALL AND STEEL DECK
25	MASONRY WALL SUPPORT (TYP.), SEE STRUCTURAL
26	FIRE STOPPING SEALANT MIN. 3mm WET THICKNESS TO FULLY COVER MINERAL WOOL AND OVERLAP MIN. 13mm ONTO WALL AND STEEL DECK ON BOTH SIDES
27	STEEL STRUCTURE, PAINTED (TYP.)
28	MASONRY TIE (TYP.)
29	SELF-ADHESIVE MEMBRANE WRAPPED AROUND PIPE, ALL SIDES (TYP.)
30	PIPE PENETRATION (TYP.) REFER TO MECHANICAL
31	PIPE CLAMP
32	AIR BARRIER MEMBRANE UP AND OVER PARAPET, OVERLAP ON ROOF VAPOUR BARRIER AND SEAL THE SEAM
33	PRESSURE TREATED WOOD BLOCKING TO PROVIDE POSITIVE SLOPE
34	13 EXTERIOR GRADE PLYWOOD SHEATHING
35	BASE SHEET FLASHING MEMBRANE UP AND OVER PARAPET

KEYNOTE LEGEND	
ITEM	DESCRIPTION
36	CAP SHEET FLASHING MEMBRANE UP AND OVER PARAPET
37	PREFINISHED METAL CAP FLASHING
38	2X PRESSURE TREATED WOOD FRAMING TO BACK OF PARAPET
39	RIGID INSULATION IN 2X WOOD FRAMING
40	EXTEND ROOF VAPOUR BARRIER UP AND OVER PARAPET
41	PREFINISHED METAL FLASHING SECTURE TO WALL, TO MACTH SCUPPER DOWNSPOUT (TYP.)
42	CONTINUOUS SEALANT AT PERIMETER OF FLASHING (TYP.)
43	WOOD BLOCKING AS REQUIRED
44	EXTEND BASE AND CAP FLASHING MEMBRANES ONTO SCUPPER FLANGE
45	WOOD CANT TO SUIT SCUPPER OPENING
46	FLASHING W/ LOCKED SEAM TO SCUPPER FLANGE (NOT SHOWN FOR CLARITY)
47	200x200 SCUPPER FLANGE
48	PREFINISHED METAL EXHAUST LOUVER (TYP.), REFER TO MECHANICAL
49	150x150 DOWNSPOUT



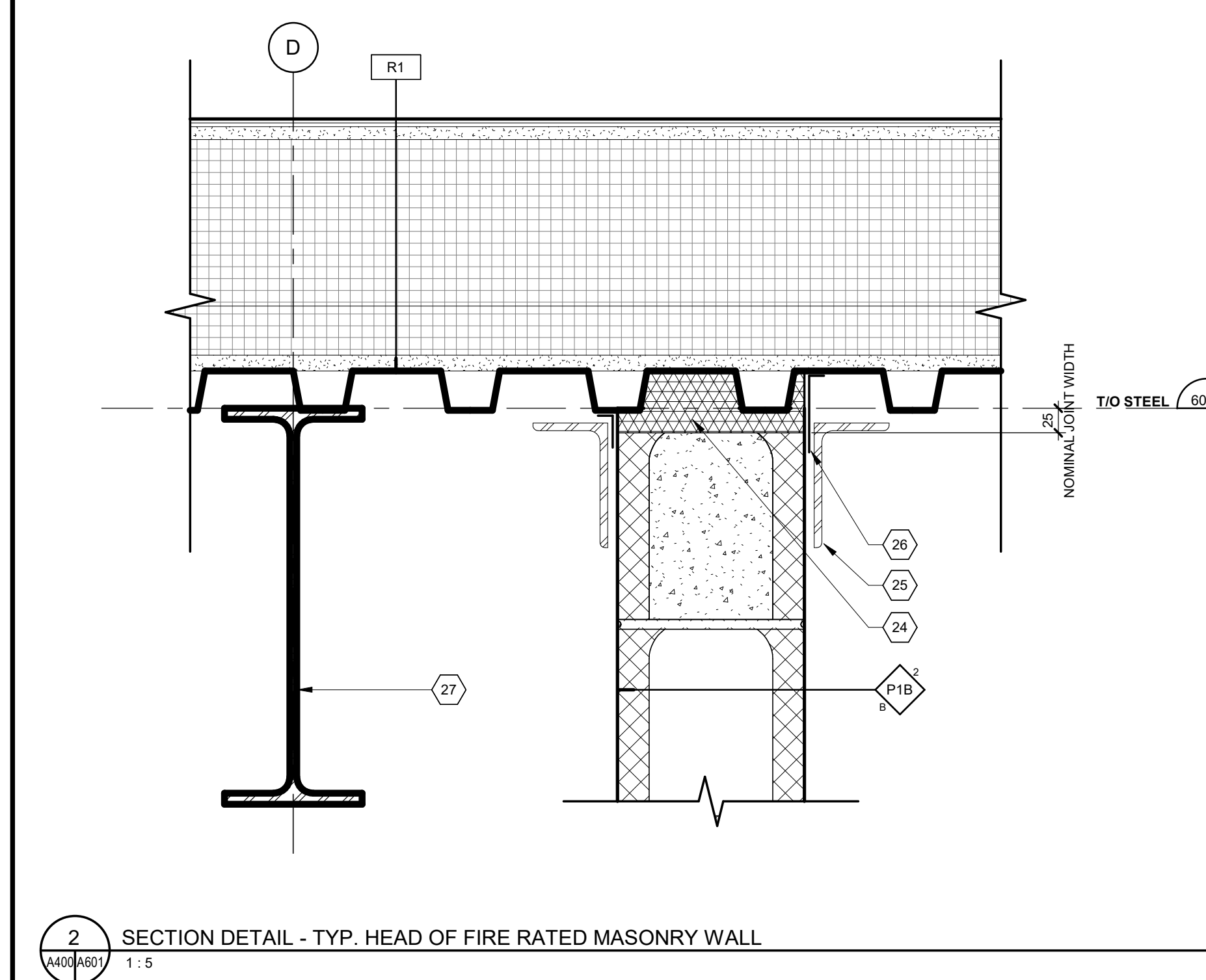
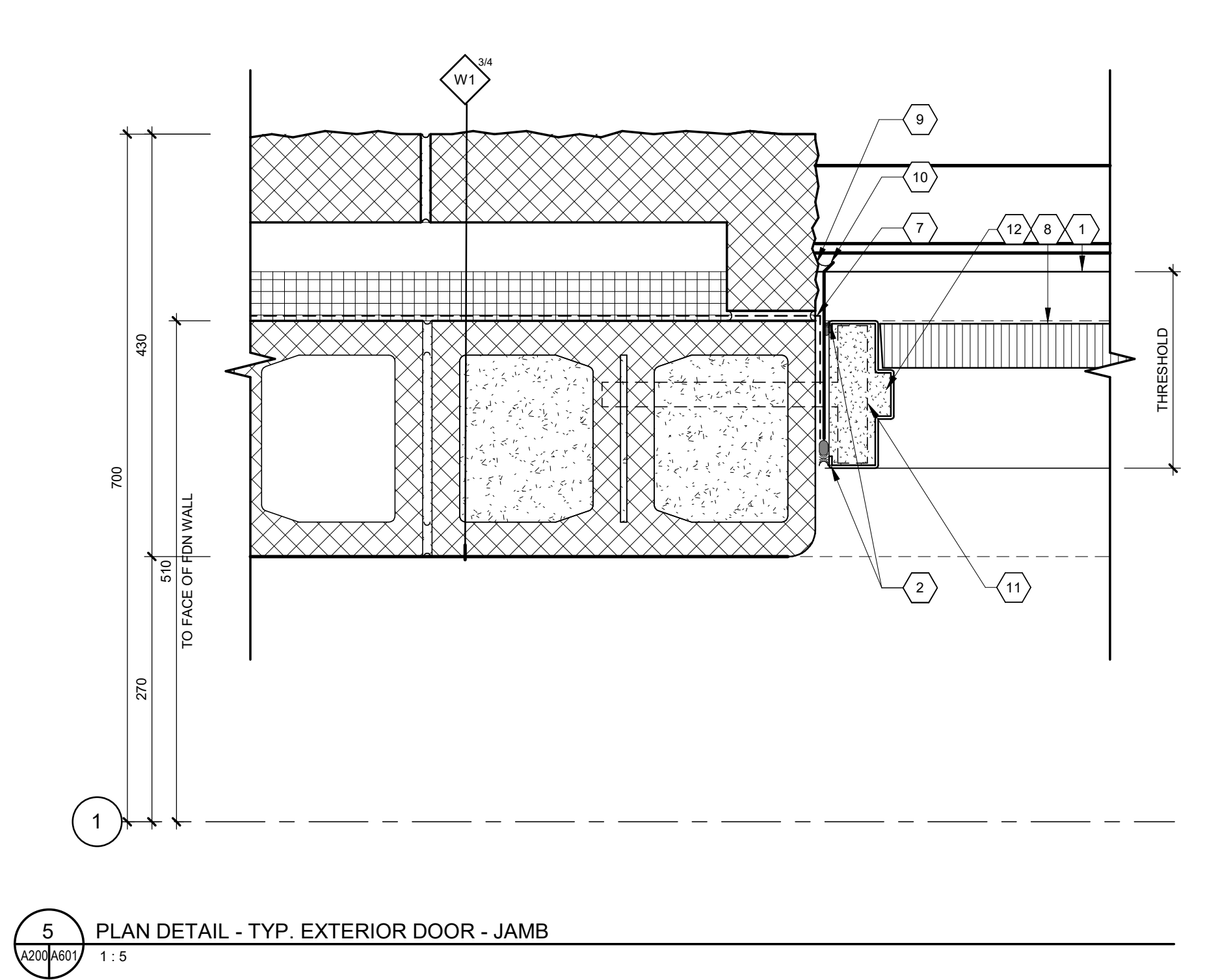
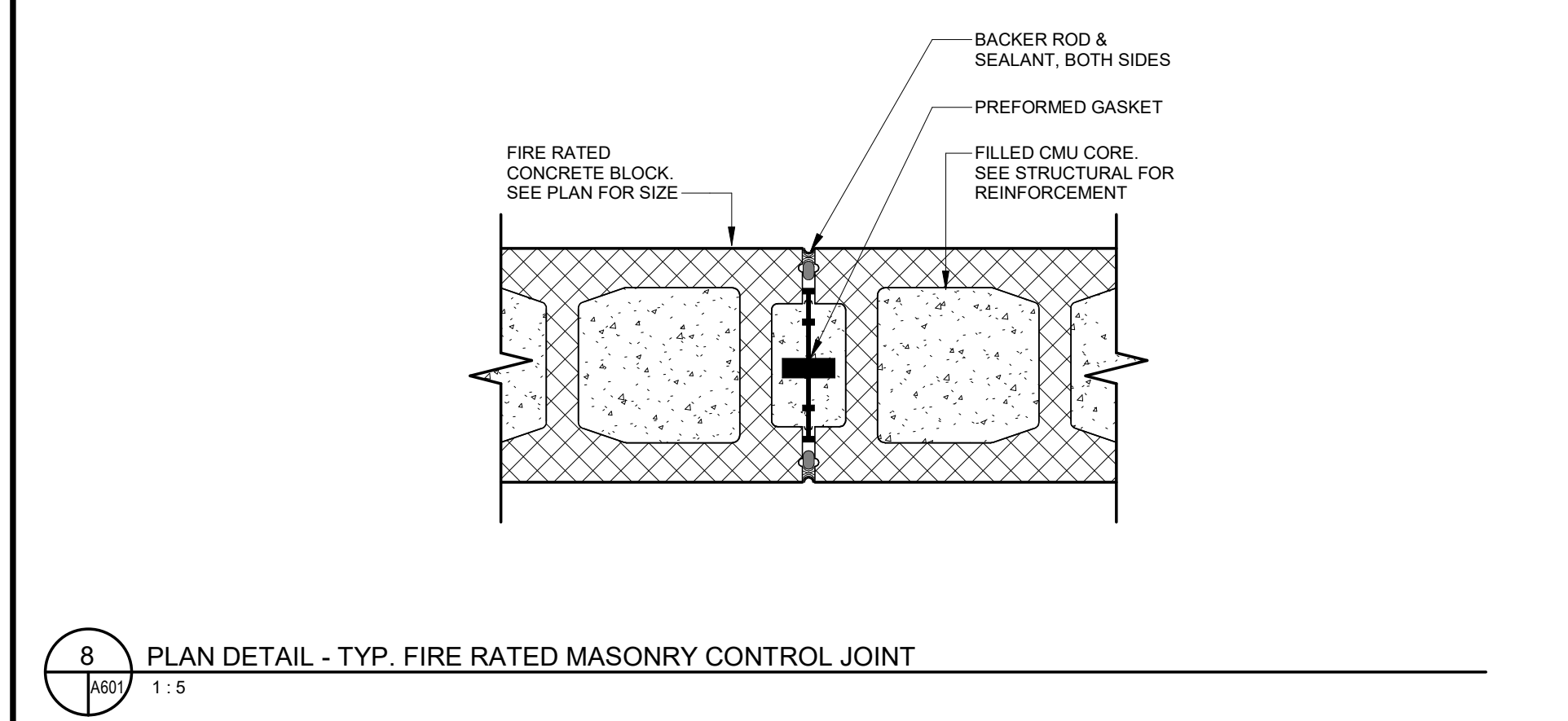
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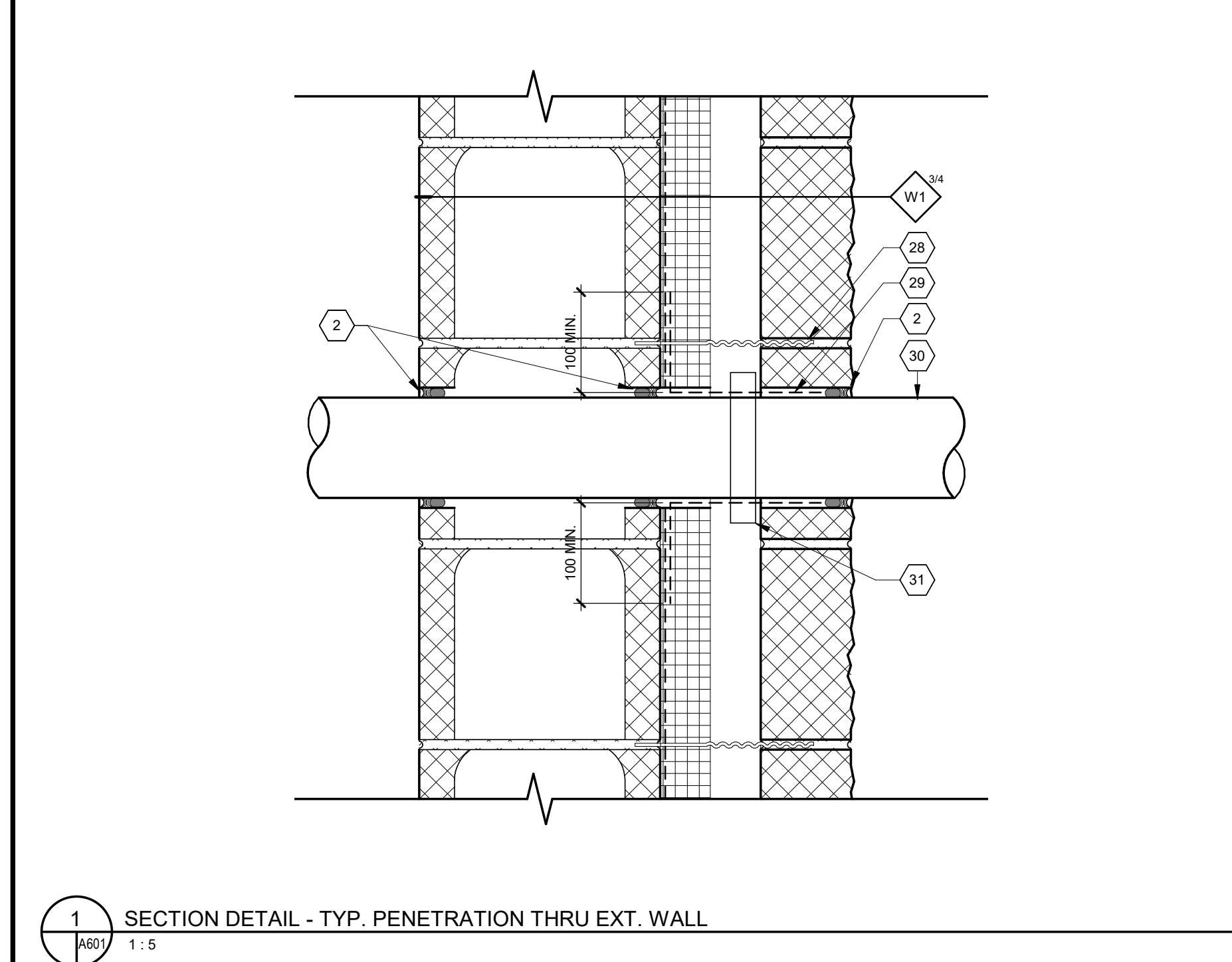
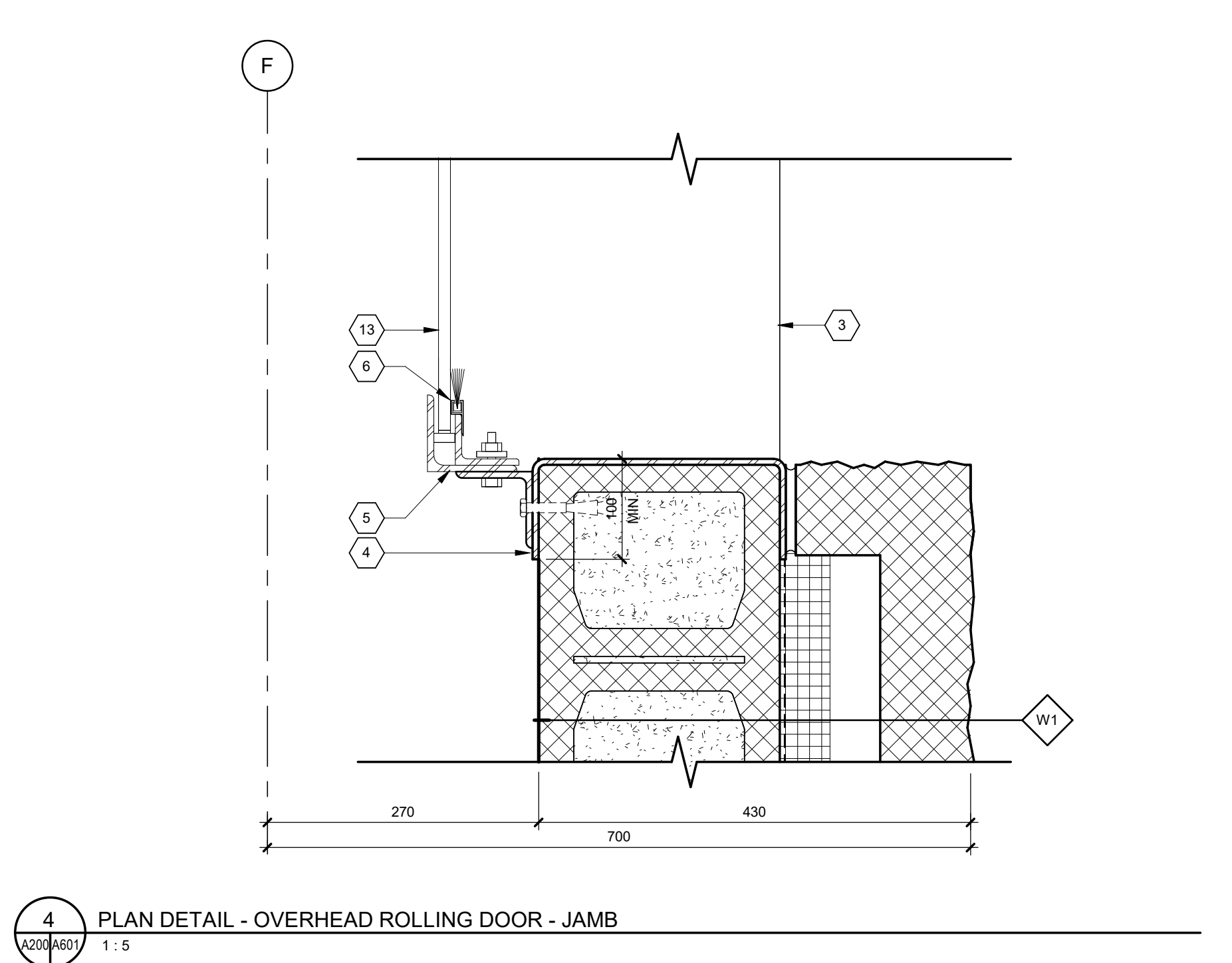
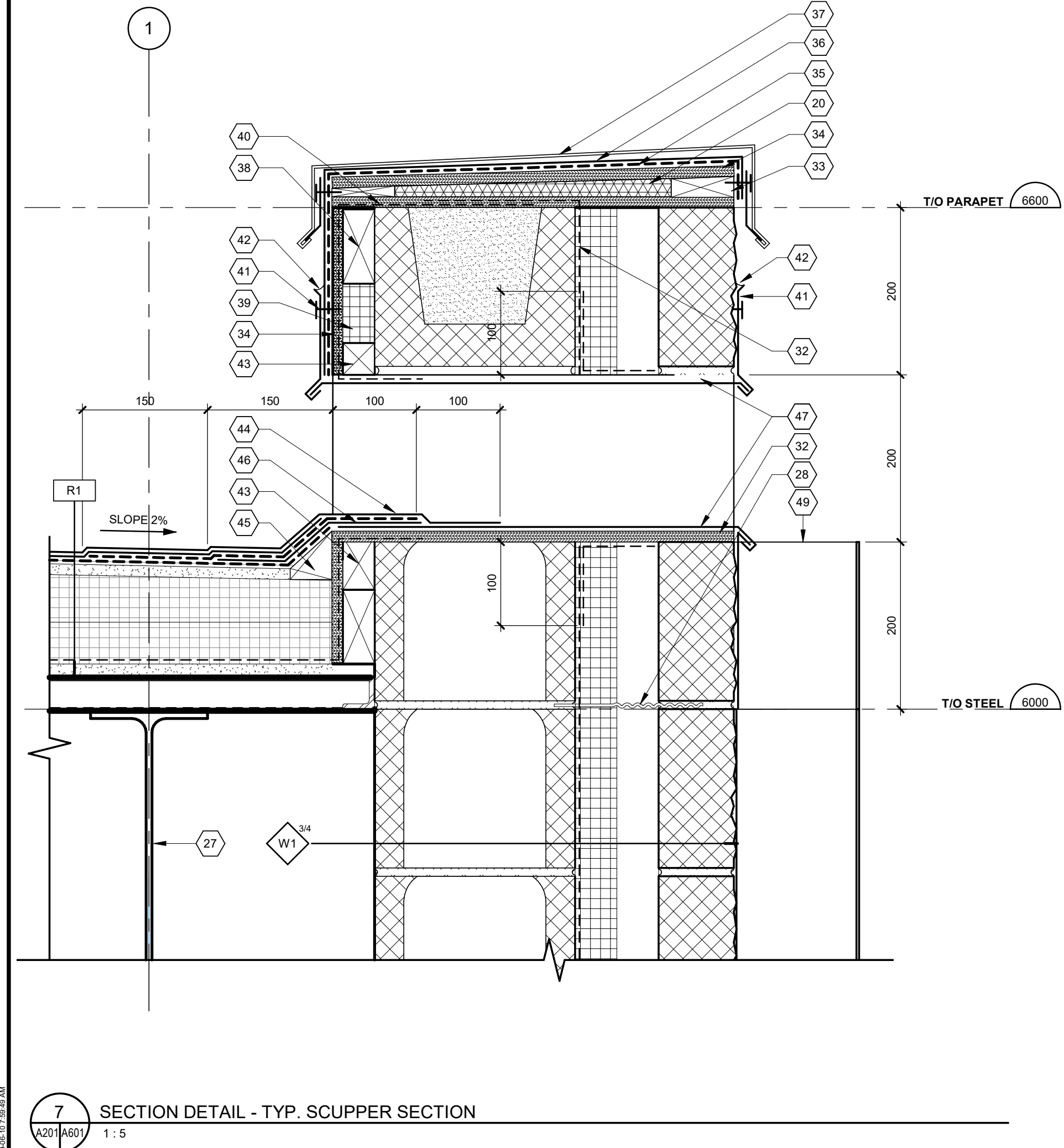
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NEW POWERHOUSE

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Sheet Title:

SECTION & PLAN DETAILS

Drawn By: AH Date: 12/10/18
Designed By: AH Checked By: ZB

Scale: 1:5 File Path: B:\303\304\1802218 - Ontario Shores Powerhouse\1802218 Ontario Shores Powerhouse\REV\2019-A601.rvt

Project No: 1802218 Drawing No: A601

		ROOM FINISH SCHEDULE															
ROOM NUMBER	ROOM NAME	FLOOR			WALLS								CEILING			COMMENTS	
		MAT	FIN	BASE	NORTH	WEST	SOUTH	EAST					MAT	FIN	HEIGHT		
GROUND FLOOR																	
101	GENERATOR ROOM	CONC	EC	ECB	CMU	PTD	CMU	PTD	CMU	PTD	CMU	PTD	EXP	PTD	-	EXTEND WALL BASE UP TO 200 ABOVE FINISHED FLOOR LEVEL. APPLY FLOOR FINISH TO ALL EXPOSED FACES OF HOUSEKEEPING PADS.	
102	ELECTRICAL ROOM	CONC	EC	ECB	CMU	PTD	CMU	PTD	CMU	PTD	CMU	PTD	EXP	PTD	-	EXTEND WALL BASE UP TO 200 ABOVE FINISHED FLOOR LEVEL. APPLY FLOOR FINISH TO ALL EXPOSED FACES OF HOUSEKEEPING PADS.	
103	FUEL STORAGE	CONC	EC	ECB	CMU	PTD	CMU	PTD	CMU	PTD	CMU	PTD	EXP	PTD	-	EXTEND WALL BASE UP TO 200 ABOVE FINISHED FLOOR LEVEL. APPLY FLOOR FINISH TO ALL EXPOSED FACES OF HOUSEKEEPING PADS.	

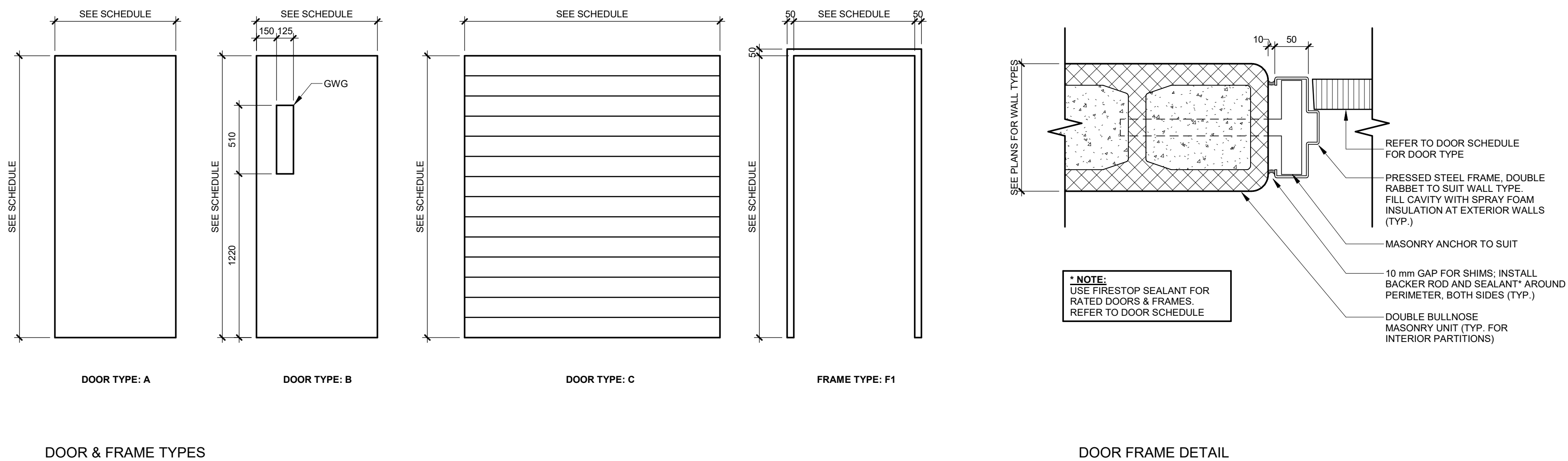
DOOR AND HARDWARE SCHEDULE																																							
DOOR NO.	ROOM NAME	ROOM NUMBER	DOOR DIMENSIONS				DOOR TYPES		DOOR MATERIALS				FRAME				HARDWARE												ELEC. REQUIREMENTS	COMMENTS									
			ACTIVE PANEL	PASSIVE PANEL	HEIGHT	THICKNESS	ACTIVE PANEL	PASSIVE PANEL	MATERIAL	FINISH	GLAZING	LOUVER	MATERIAL	FINISH	FIRE LABEL (Hours)	HINGES	CLOSER	LOCKSET	ASTRAGAL	FLUSH BOLTS	PANIC (EXIT DEVICE)	WEATHER-STRIPPING	KICKPLATE	DOOR BOTTOM	THRESHOLD	OVERHEAD	DOOR STOP	FLOOR											
GROUND FLOOR																																							
101a	GENERATOR ROOM	101	900	900	2750	45	A	A	HM	PTD			HM	F1	PTD			F07																DC ON ACTIVE PANEL					
102a	ELECTRICAL ROOM	102	900	900	2150	45	B						HM	F1	PTD	1.5		F01																DC					
102b	ELECTRICAL ROOM	102	900	900	2150	45	A		HM	PTD			HM	F1	PTD	3/4		F07																DC					
102c	ELECTRICAL ROOM	102	900	900	2750	45	A	A	HM	PTD			HM	F1	PTD			F07																CR, DC ON ACTIVE PANEL					
103a	FUEL STORAGE	103	900	3000	2150	45	B		HM	PTD			HM	F1	PTD	1.5		F01																DC					
103b	FUEL STORAGE	103	3000		2800	22			MTL	PTD																													
103c	FUEL STORAGE	103	900	900	2150	45	A	A	HM	PTD			HM	F1	PTD			F07																DC ON ACTIVE PANEL	OVERHEAD ROLL-UP DOOR				


DOOR & HARDWARE GENERAL NOTES	
1.	PROVIDE 4 HINGES TO DOORS TALLER THAN 2150.
2.	PROVIDE HEAVY WEIGHT HINGES FOR DOORS WIDER THAN 950 mm.
3.	FOR ALL DOUBLE DOORS, INSTALL LOCKSET ON ACTIVE DOOR PANEL.
4.	INSULATE ALL EXTERIOR DOORS WITH 1" R-10 POLYURETHANE.
5.	INSTALL THERMAL BARRIER THRESHOLD AT EXTERIOR DOORS.
6.	INSTALL FLUSHBOLTS ON PASSIVE DOOR PANEL.
7.	PROVIDE POWER SUPPLY TO ALL DOORS WITH ACCESS CONTROL REQUIREMENTS. ALSO REFER TO ELECTRICAL.
8.	10 mm DOOR FOR VISION PANELS AS SHOWN TO BE GWG AND TO MATCH DOOR RATINGS TAGS.
9.	10 mm DOOR UNDERCUT, 19 mm DOOR UNDERCUT WITH THRESHOLD.

ABBREVIATIONS	
CONC	CONCRETE
CR	CARD READER
DC	DOOR CONTACT
EC	EPOXY COATING
ECB	EPOXY COATING BASE
EXP	EXPOSED
GWG	GEORGIAN WIRED GLASS
HM	HOLLOW METAL
MTL	METAL
PTD	PAINTED

HARDWARE LEGEND	
F01	PASSAGE FUNCTION
F04	ENTRY / OFFICE FUNCTION
F05	CLASSROOM FUNCTION
F07	STOREROOM FUNCTION
F19	PRIVACY SET (WASHROOM) FUNCTION

LOUVER SCHEDULE				
LOUVER NO.	DESIGNATION	WIDTH	HEIGHT	SILL HEIGHT A.F.F.
L1	AIR INTAKE LOUVER	600	600	3200
L2	AIR INTAKE LOUVER	4400	4400	3600
L3	AIR INTAKE LOUVER	4800	4800	200
L4	AIR INTAKE LOUVER	4800	4800	200
L5	AIR INTAKE LOUVER	4800	4800	200
L6	EXHAUST LOUVER	460	460	4000
L7	EXHAUST LOUVER	900	600	4000
L8	EXHAUST LOUVER	1200	600	5000
L9	EXHAUST LOUVER	1200	600	5000
L10	EXHAUST LOUVER	1200	600	5000
L11	EXHAUST LOUVER	4400	4400	200
L12	EXHAUST LOUVER	4400	4400	200
L13	EXHAUST LOUVER	4400	4400	200



Key Plan:	
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Project:	
NEW POWERHOUSE	
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Sheet Title:	
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Drawn By:	Date:
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AH	ZB
Scale:	File Path:
As indicated	BM 360.0AH - 1802218 - Ontario Shores Powerhouse/1802218 - Ontario Shores Powerhouse/RYT2018-080218-nl
all dimensions are in millimeters	
Project No:	Drawing No:
1802218	A900