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- Item 1** Specifications Section 07516 SBS Modified Bituminous Membrane Roofing
Part 2 - Products, paragraph 2.1 Material
Delete item 5 and replace with
“ **Base Insulation (2 layers):** 115 x 1220 x 1220 mm (4.5 in. x 4 ft. x 4 ft.) and 50 x 1220 x 1220 mm (2 in. x 4 ft. x 4ft), comprising of rigid closed cell polyisocyanurate foam core, bonded with **all fibre glass reinforced facer on each side.** Minimum long-term thermal resistance for 2014 material (LTTR) of RSI 0.99 (R 5.6) per 25 mm (1 in.) thickness. Provide 63 mm & 50 mm (2-1/2 in. & 2 in.) for 1220 x 1220 mm (48 x 48 in.) to create sump at drain.
1. AC Foam III by Atlas Corporation Ltd.
 2. H-Shield CG by Hunter Panels
 3. Approved Alternate – Must be acceptable as part of system warranty
- Note: All polyisocyanurate insulation boards shall be provided by one manufacturer with same production dates and lot numbers. “**
- Item 2** Specifications Section 00200 Instructions to Bidders
Under item 12. Qualifications, **delete** subitem 3 Subcontractors in its entirety.
- Item 3** Refer to attached A8.00. **Door 103A** has been revised to a **solid core wood door with a plastic laminate finish.** The finish for **doors 107A, 108A, 109A, 109B, 111A and 112A** has been **revised to plastic laminate.** The legend has been updated to include abbreviations for **Plastic Laminate (PLAM)** and **sealed concrete (SC).**
- Item 4** **Specification Section 04200 Masonry**
Part 2 – Products, paragraph 2.1 Materials
Under Item 2 Architectural Stone, **delete** subitem 1 and replace with
” **Architectural Stone:**
Size 90mm x 190mm x 390mm Tapestry Texture SS Architectural Stone by Shouldice. Final selection to be confirmed by Architect.
Approved equal by Arriscraft.”
- Under Item 3 Clay Masonry Units, **delete** subitem 1 and replace with
“Type A –by Brampton Brick Contemporary Series. Metric Norman size. Final selection to be confirmed by Architect. Acceptable equal by, CANADA Brick, IXL Masonry, Cap Brick, Beldon Brick.

Electrical

Refer to attached Electrical Addendum No. E2 Issued by NRG Consultants Inc dated October 13, 2023

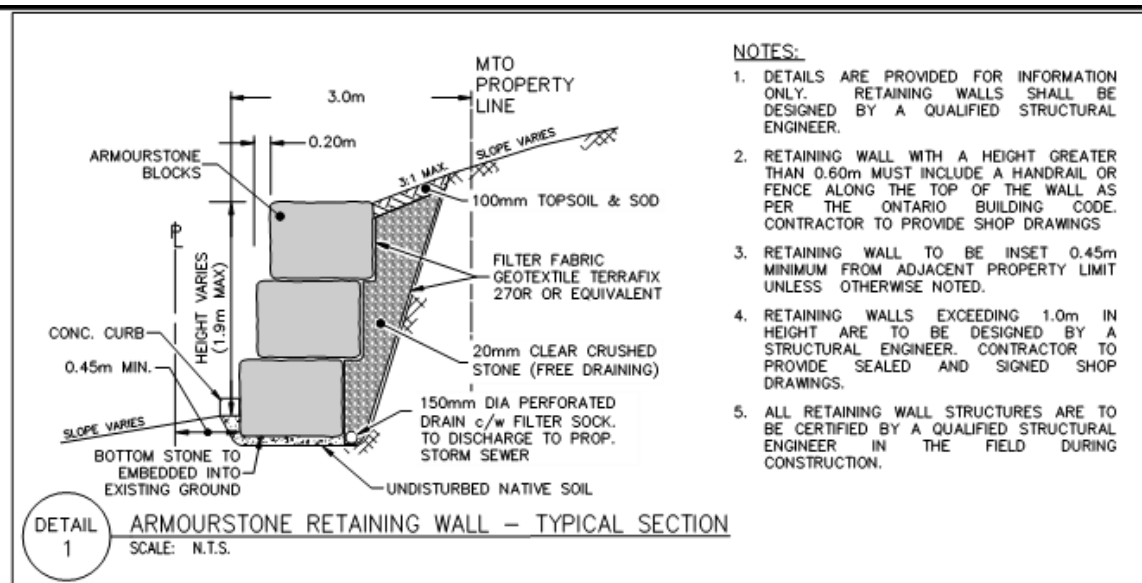
Questions and Answers

Question 1

Please provide a detail of armourstone retaining wall/wingwalls at culvert and a spillway that are shown on drawing C108.

Answer 1

The armour stone is to be installed at a 3:1 side slope to existing grades and as per the detail below.



Question 2

Drawing E03 – Lighting, Chapel Room 102 shows LED Strip Lighting - S1-S2-S4-S5, these aren't shown on the Lighting Schedule. Please advise?

Answer 2

Refer to electrical addendum E2,

Question 3

Is there any detail on the Existing Electrical Room & Panel that the new Feeder Cable is taken from Drawing E02

Answer 3

Refer to electrical addendum E2.

Question 4

Could you please specify the material of the core for aluminum composite panel ? Is it FR or PE ?

Answer 4

Core for the aluminum composite panel is to be FR.

Question 5

Please confirm what SC Flooring Type is on the Room Finish Schedule A8.00

Answer 5

The flooring type abbreviation SC on the room finish schedule stands for “Sealed Concrete”.

Question 6

There seems to be a discrepancy in the Cross dimensions for the rectangular tubing as shown in Detail 8/A4.20 and Detail 6/A4.20. If the dimensions 45mm x 150mm, & 45mm x 100mm shown in 8/A4.20 are acceptable, the cross can be fabricated from pre-anodized extrusion from Alumicor. If the dimensions must be 50mm x 150mm & 50mm x 100mm, the cross must be fabricated from mill finish extrusion which must then be finished and anodized, at a higher cost. Please advise.

Answer 6

The dimensions shown in detail 8/A4.20 are correct. The dimensions of the sections shown in detail 6/A4.20 should be 45mm x 150mm and 45mm x 100mm

Question 7

The ACM specs call for 2 different colours, one of them being Wood Grain.. Do you have any clue where this wood grain to be? The panels on the Feature Tower Wall are oversized if we run the wood grain horizontally, Not sure if vertical is the Architect’s intent.

Answer 7

The wood grain ACM panel will be used on the feature tower wall along grid line 3.

Question 8

Please advise if the accordion partition required on Room 110 to be 9804mm (wall to wall) or 3625mm (stops in middle of the room) as showing on RCP. See bellow and advise.

Answer 8

The accordion partition only goes to the bulkhead between the Circulation area (Room 110) and the Retort Room (Room 121) as shown on the RCP.

Question 9

Wood door spec calls for laminate faces. Door schedule says PAINT GRADE. Clarify.

Answer 9

Refer to Item #3.

Question 10

Please clarify the discrepancy for Architectural Stone Size - Specification shows 90x190x390 long while drawings A3.0 /A3.01 draw like 90x190x590 long.

Answer 10

The size of the architectural stone is to be as shown in the specification (90x190x390)

Question 11

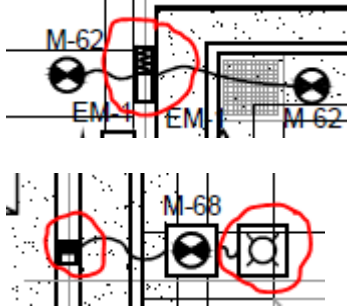
Is there any designated fire alarm brand or power distribution brand?

Answer 11

Refer to electrical addendum E2.

Question 12

Also, I didn't find any legends stand for the following things on the drawing:



Answer 12

Refer to electrical addendum E2.

Question 13

Please see attached part of the Roofing Specs and let us know what thickness of the base insulation should we price.

Answer 13

Thickness of the base insulation is to be 165mm as shown on the wall sections and details (pages A4.00 to A4.50). Refer to Item #1.

Question 14

Apparently, Specified Brampton Brick Royal Grey color Metric Modular size is not available. Could you confirm this & suggest alternate.

Answer 14

Refer to Item #4.

Question 15

I have reached out to the prequalified civil contractor and only have confirmation that one is pricing. Defaveri is pricing as a GC only and Rankin has stated that they are not pricing. I am still waiting for a response from the other two but is it possible to open up the civil scope for other Civil Contractor to price in order to ensure fair pricing if only one contractor is pricing?

Answer 15

Refer to item #2. Requirement to use prequalified civil subcontractors has been removed to ensure fair pricing.

**Holy Family Cemetery
Crematorium Building
2523 Lower Base Line Road, Milton ON**

October 13, 2023

ELECTRICAL ADDENDUM #E2

NRG Consultants Inc.

This addendum issued before the closing of tenders, comprises clarifications and changes to the specifications and drawings and is hereby made a part thereof.

Questions & Responses

- Q1. Drawing E03 – Lighting, Chapel Room 102 shows LED Strip Lighting – S1, S2, S3, S4, S5; these aren't shown on the Lighting Schedule. Please advise.*
- R1. The cove light fixture in Chapel Room 102 is Type “V” (refer to Addendum #E1 Item # R5 for fixture specification). S1 to S6 noted on the drawing refer to which light switch controls which specific fixture(s).
- Q2. Is there any detail on the Existing Electrical Room & Panel that the new Feeder Cable is taken from Drawing E02?*
- R2. In the existing Administration Building Basement Electrical Room, five (5) conduit stub-outs to match requirements of Underground Duct Bank Section C-C are provided through the basement wall terminating underground at a point 2000mm to the west. Also a 200A-3P breaker is provided in the existing Administration Building Basement Electrical Room 347/600V Panel Board PP-1 for the power feed to the Crematorium Building.
- Q3. Is there any designated fire alarm brand or power distribution brand?*
- R3. Acceptable Smoke Alarm and Duct Smoke Alarm manufacturers are Mircom, Notifier, Simplex, Edwards and Vigilant. Acceptable Power Distribution Equipment manufacturers are Eaton / Cutler-Hammer, Square ‘D’, Siemens and Canadian General Electric.

General

1. Drawing E03, Ground Floor Plan – Lighting & Life Safety Plan, Chapel Room 102: Three (3) sets of 120V Smoke Alarms are shown connected to through-the-wall Smoke Dampers supplied by the Mechanical Contractor. Two (2) single 120V Duct Smoke Alarms are shown connected to in-ductwork-mounted Smoke Dampers supplied by the Mechanical Contractor.

END OF ELECTRICAL ADDENDUM #E2

NRG Consultants Inc.

ROOM FINISH SCHEDULE

RM. NO.	ROOM NAME	FLOOR FINISH		WALLS		CEILING		REMARKS	
		FINISH	BASE	MATL	FINISH	MATL	FINISH		HEIGHT
101	VESTIBULE	PT	PT	GYP. BOARD	PAINT	GYP. BOARD	PAINT	3655	
102	CHAPEL	CPT	CPT	GYP. BOARD	PAINT	ACT-1 GYP. BOARD	PAINT	4095 3500	
103	OFFICE	CPT	CPT	CONC. BLOCK	PAINT	ACT-2	PAINT	2745	
104	OFFICE	CPT	CPT	CONC. BLOCK	PAINT	ACT-2	PAINT	2745	
105	STAFF ROOM	LVT	RB	CONC. BLOCK	PAINT	ACT-2	PAINT	2745	
106	STAFF WASHROOM	PT	-	CONC. BLOCK	PAINT / CWT	GYP. BOARD	PAINT	2745	
106B	SHOWER	PT	-	CONC. BLOCK	CWT	GYP. BOARD	PAINT	2400	
107	CORRIDOR	LVT	RB	CONC. BLOCK	PAINT	ACT-2	PAINT	2745	
108	CORRIDOR	LVT	RB	GYP. BOARD	PAINT	ACT-2	PAINT	2745	
109	VIEWING ROOM	CPT	CPT	GYP. BOARD	PAINT	GYP. BOARD	PAINT	2745	
110	CIRCULATION AREA	EPOXY	RB	CONC. BLOCK	PAINT	ACT-2	PAINT	3050	
111	UNIVERSAL WASHROOM	PT	-	GYP. BOARD	PAINT / CWT	GYP. BOARD	PAINT	2745	
112	WASHROOM	PT	-	GYP. BOARD	PAINT / CWT	GYP. BOARD	PAINT	2745	
113	WORK AREA	SC	RB	CONC. BLOCK	PAINT	GYP. BOARD	PAINT	3050	
114	PROCESSING ROOM	SC	RB	CONC. BLOCK	PAINT	GYP. BOARD	PAINT	3050	
115	JANITORS CLOSET	SC	-	CONC. BLOCK	PAINT	-	PAINT	-	
116	CORRIDOR	SC	-	CONC. BLOCK	PAINT	ACT-2	PAINT	3050	
117	ELECTRICAL/MECHANICAL ROOM	SC	RB	CONC. BLOCK	PAINT	-	PAINT	2745	
118	COLD ROOM	SC	-	INTERIOR FINISH OF INSULATED METAL PANELS				PAINT	-
119	HOLDING ROOM	SC	-	CONC. BLOCK	PAINT	ACT-3	PAINT	3050	
120	GARAGE	SC	RB	CONC. BLOCK	PAINT	GYP. BOARD	PAINT	4385	
121	RETORT ROOM	SC	RB	CONC. BLOCK	PAINT	-	PAINT	-	
122	COAT ROOM	CPT	CPT	GYP. BOARD	PAINT	GYP. BOARD	PAINT	2745	
123	CORRIDOR	CPT	CPT	GYP. BOARD	PAINT	GYP. BOARD	PAINT	2745	

ROOM FINISH SCHEDULE NOTES

- SCHEDULES ARE TO BE READ IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS.
- PAINT ALL EXPOSED MISCELLANEOUS METALS AND SERVICES (E.G. DUCTS, CONDUITS, PIPING, ETC.) WHERE CEILINGS AND WALLS ARE SCHEDULED TO BE PAINTED.
- EXISTING WALLS SHALL BE CHASED AND OPENINGS CREATED AS REQUIRED TO EXECUTE THE WORK.
- MAKE GOOD ALL MATERIALS AND FINISHED WHERE DISTURBED AND ALTERATIONS OCCUR. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR FULL EXTENT OF WORK REQUIRED. NOTE THAT MAKING GOOD INCLUDES WORK ASSOCIATED WITH THE INSTALLATION OF SERVICES SHOWN ON DRAWINGS.

DOOR / SCREEN SCHEDULE

ROOM NO	ROOM NAME	DOOR NO.	DOOR / SCREEN				FRAME				REMARKS				
			WIDTH	HEIGHT	THK	FIRE	TYPE	MAT'L	FIN.	GLASS		TYPE	MAT'L	FIN.	GLASS
GROUND FLOOR															
101	VESTIBULE	101A	(2) 950	2440	44	-	3	ALUM	ANOD	DGS	W1	ALUM	ANOD	DGS	HDO, HPB, WS, TH, CH, INS, PH, CL
102	CHAPEL	102A	(2) 950	2440	44	-	3	ALUM	ANOD	TG	SC2	ALUM	ANOD	TG	HDO, HPB, PH, CH
102	CHAPEL	102B	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	WS, TH, INS, CL, PH. NOTE: NO EXTERIOR HARDWARE REQUIRED.
103	OFFICE	103A	950	2150	44	-	1	SCWD	PLAM	-	A	HM	PAINT	-	
104	OFFICE	104A	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	
105	STAFF ROOM	105A	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	
106	STAFF WASHROOM	106A	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	
106A	SHOWER	106A	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	
107	CORRIDOR	107A	1220	2150	44	-	1	SCWD	PLAM	-	A	WD	PAINT	-	
108	CORRIDOR	108A	1220	2150	44	90 MIN	1	SCWD	PLAM	-	A	HM	PAINT	-	CL
109	VIEWING ROOM	109A	950	2150	44	-	2	SCWD	PLAM	-	A	WD	PAINT	-	
109	VIEWING ROOM	109B	950	2150	44	90 MIN	2	SCWD	PLAM	-	A	HM	PAINT	-	CL
110	CIRCULATION AREA	110A	(2) 950	2150	44	90 MIN	1	HM	PAINT	-	B	HM	PAINT	-	CL
110	CIRCULATION AREA	110B	(2) 950	2150	44	90 MIN	1	HM	PAINT	-	B	HM	PAINT	-	CL
111	UNIVERSAL WASHROOM	111A	950	2150	44	-	1	SCWD	PLAM	-	A	WD	PAINT	-	HDO, HPB, ES
112	WASHROOM	112A	950	2150	44	-	1	SCWD	PLAM	-	A	WD	PAINT	-	
113	WORK AREA	113A	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	
114	PROCESSING ROOM	114A	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	
115	JANITORS CLOSET	115A	950	2150	44	45 MIN	1	HM	PAINT	-	A	HM	PAINT	-	CL
116	CORRIDOR	116A	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	WS, TH, INS, CL, PH
117	ELECTRICAL/MECHANICAL	117A	950	2150	44	90 MIN	1	HM	PAINT	-	A	HM	PAINT	-	CL
119	HOLDING ROOM	119A	(2) 950	2150	44	-	1	HM	PAINT	-	B	HM	PAINT	-	
119	HOLDING ROOM	119A	950	2150	44	-	1	HM	PAINT	-	A	HM	PAINT	-	WS, TH, INS, CL, PH
120	GARAGE	120A	(2) 950	2150	44	60 MIN	1	HM	PAINT	-	B	HM	PAINT	-	CL, WS, DS, TH
120	GARAGE	120B	3760	2800	-	-	4	-	-	-	-	-	-	-	OVERHEAD DOOR. REFER TO SPEC., ADO
120	GARAGE	120C	3760	2800	-	-	4	-	-	-	-	-	-	-	OVERHEAD DOOR. REFER TO SPEC., ADO
SCREENS															
101	VESTIBULE	SC3	-	-	-	-	-	-	-	-	ST2	HM	PAINT	TG	
109	VIEWING ROOM	SC1	-	-	-	90 MIN	-	-	-	-	ST1	HM	PAINT	FG	
109	VIEWING ROOM	SC2	-	-	-	90 MIN	-	-	-	-	ST1	HM	PAINT	FG	

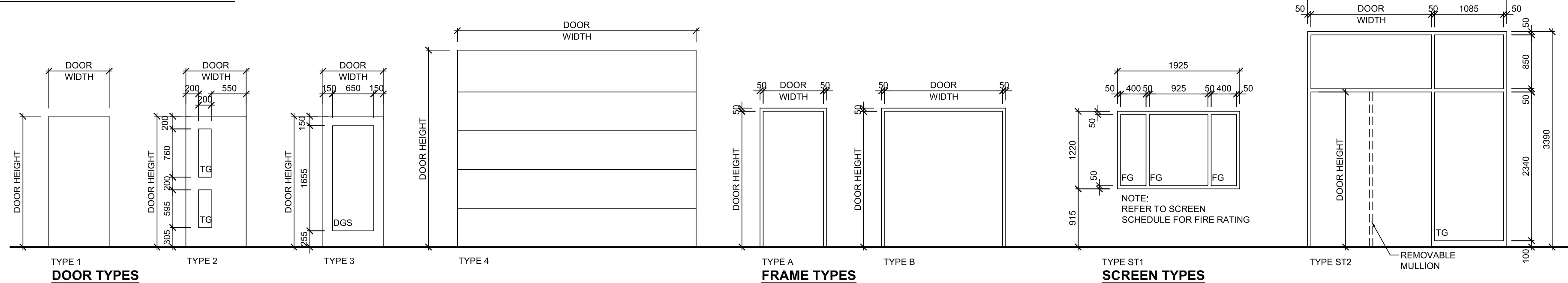
DOOR/SCREEN SCHEDULE NOTES

- GENERAL CONTRACTOR TO FIELD VERIFY ALL DOOR & FRAME ANGLES OR SUPPORTS FOR DOOR / FRAMES (BY DOOR / FRAME INSTALLER)
- GENERAL CONTRACTOR TO CO-ORDINATE LOCATION & INSTALLATION OF PUSH BUTTON / AUTOMATIC DOOR OPERATIONS AND ALL OTHER RELATED TRADES. TO BE SUPPLIED BY GENERAL CONTRACTOR & INSTALLED BY ELECTRICAL
- REFER TO DOOR SCHEDULE FOR FIRE RESISTANCE RATINGS FOR DOOR, FRAMES & GLAZED FRAMES / SCREENS.
- ALL HM. DOORS & FRAMES TO BE PAINTED.
- REFER TO PLANS / DETAILS & WALL SECTIONS FOR LOCATIONS OF REQUIRED STEEL LINTELS / ANGLES (BY GENERAL CONTRACTOR) AND ANY FORMED ALUMINUM CLOSURE ANGLE OR SUPPORTS FOR DOOR / FRAMES (BY DOOR / FRAME INSTALLER)
- REFER TO DOOR HARDWARE SCHEDULE FOR ALL HOLD OPEN DEVICES, STRIKES, SECURITY, DOOR OPENERS, CLOSERS, PANIC HARDWARE, OVERHEAD STOPS, PUSH & KICK PLATES, ETC. & ANY OTHER DOOR HARDWARE REQUIREMENTS.

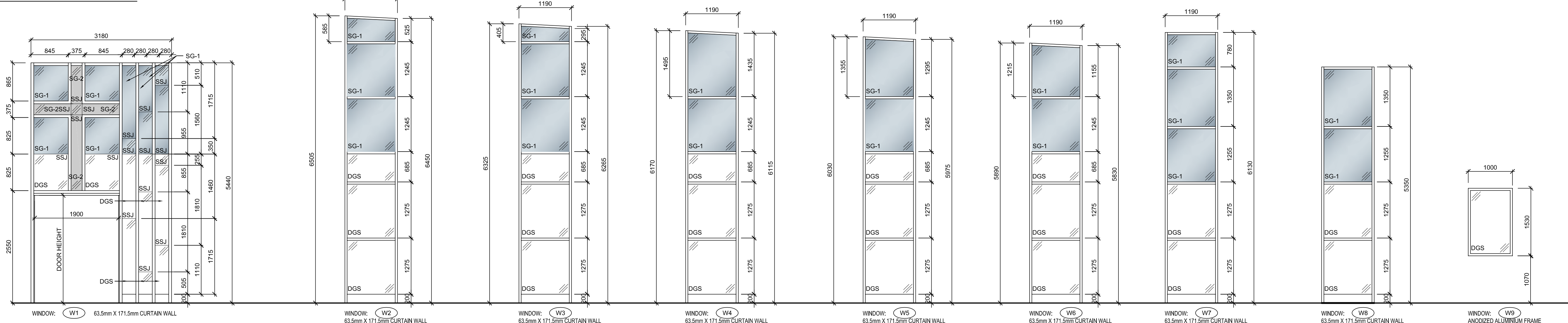
LEGEND

- ACT-x ACOUSTIC CEILING TILE
- ADO AUTOMATIC DOOR OPERATOR
- AFD ABOVE FINISHED FLOOR
- ANOD ANODIZED
- CH CONTINUOUS HINGE
- CL CLOSER
- CLG CEILING
- CONC CONCRETE
- CWT CERAMIC WALL TILE
- DGS DOUBLE GLAZED SEALED INSULATING GLASS UNITS
- DS DOOR SWEEP
- ES ELECTRIC STRIKE
- EX EXISTING
- EXP EXPOSED
- FG FIRE RATED GLASS
- HDO HANDICAP DOOR OPERATOR
- HPB HANDICAPPED PUSH BUTTON
- HM HOLLOW METAL
- INS THERMALLY INSULATED DOOR / FRAME
- LVT LUXURY VINYL TILE
- MTL METAL
- PH PANIC HARDWARE
- PT PORCELAIN TILE
- RB RUBBER BASE
- RM REMOVEABLE MULLION
- SC SEALED CONCRETE
- SCWD SOLID CORE WOOD DOOR
- SG-xx SPANDREL GLASS
- STRUCT STRUCTURE
- SSJ STRUCTURAL SILICONE JOINT
- TG TEMPERED GLASS
- TH THRESHOLD
- THK THICKNESS
- UNO UNLESS NOTED OTHERWISE
- VCT VINYL COMPOSITE TILE
- VAR VARIES
- WD WOOD
- WS WEATHER STRIPPING
- W WITH

DOOR/FRAME/SCREEN TYPES



WINDOW FRAME TYPES



WINDOW TYPES

HOLY FAMILY CEMETERY
CREMATORIUM
2543 LOWER BASE LINE ROAD
MILTON, ONTARIO

ROOM FINISH AND DOOR SCHEDULES

GRGURIC ARCHITECTS INCORPORATED
28 KING STREET EAST, UNIT B
STONE CREEK, ONTARIO, L8G 1J8
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SCALE: AS NOTED	PROJECT: 2019-08
START DATE: OCT. 2019	DRAWING: A8.00
DRAWN: D.W.	CHECKED: J.G.
PRINT DATE 10/16/23	