P2A — PARTITION TYPE

R1A — ROOF TYPE

XXX — GLAZING TYPE

XX — MATERIAL TYPE

Room name
101
ROOM NAME

PT-6
OPEN
CEILING TYPE & HEIGHT

XX
AXXX
Ref
BUILDING SECTION

XX
AXXX
Ref
WALL SECTION

XX
AXXX
PLAN DETAIL

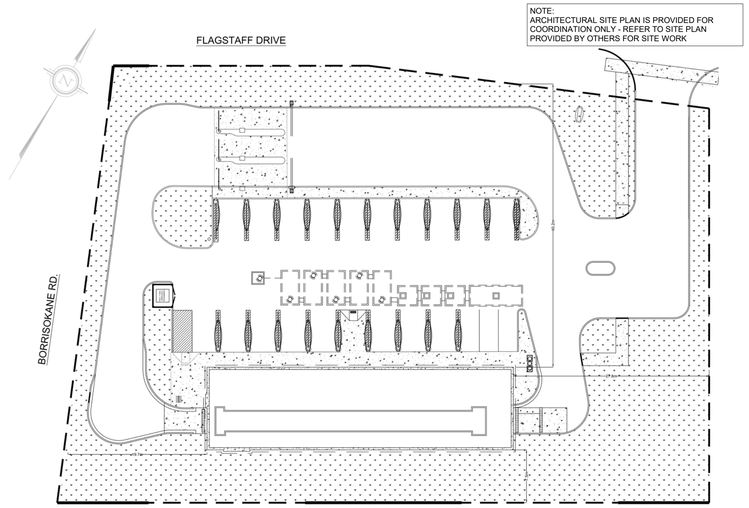
1 SYMBOL LEGEND
A001 Scale: N/A

GENERAL CONSTRUCTION NOTES:

1. REVIEW EXISTING CONDITIONS AND VERIFY ALL INFORMATION, DETAILS AND DIMENSIONS. REPORT ANY ERRORS, OMISSIONS AND DISCREPANCIES TO THE PROJECT MANAGER PRIOR TO COMMENCEMENT OF THE WORK
2. IN THE EVENT OF CONFLICTING INFORMATION:
   - A. FOR MATTERS OF QUANTITY AND LOCATION - INTERIOR DRAWINGS OVER-RIDE ARCHITECTURAL DRAWINGS WHICH OVER-RIDE MECHANICAL AND ELECTRICAL DRAWINGS
   - B. DRAWINGS AT A LARGER SCALE (EG. DETAILS) OVER-RIDE DRAWINGS AT A SMALLER DETAIL (EG. PLANS)
   - C. SPECIFICATIONS OVER-RIDE DRAWINGS
3. BRING DISCREPANCIES TO THE ATTENTION OF THE PROJECT MANAGER BEFORE PROVIDING PRICING, OTHERWISE THESE CONDITIONS WILL BE DEEMED TO HAVE BEEN MET
4. MAINTAIN ACCESS TO PROPERTY BY EMERGENCY VEHICLES
5. PROVIDE FOR SUPPRESSION OF NOISE AND DUST GENERATED BY REQUIRED WORK
6. DO NOT SCALE DRAWINGS - IF IN DOUBT REQUEST CLARIFICATION!
7. REVIEW ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND PROVIDE ADDITIONAL OPENINGS THROUGH ROOFS, WALLS AND/OR FLOORS FOR MECHANICAL REQUIREMENTS, ELECTRICAL RISERS, EXHAUST RISERS AND OTHER OPENINGS NOT SHOWN ON STRUCTURAL DWGS
8. COORDINATE ALL WORK WITH INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS AND EQUIPMENT
9. VERIFY LOCATION AND RATING OF ALL FIRE SEPARATIONS AT ALL PROPOSED SERVICE PENETRATIONS IN ACCORDANCE THE LATEST VERSION OF THE ONTARIO BUILDING CODE
10. FIRE-STOP ALL PENETRATIONS THROUGH FIRE SEPARATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARTION
11. EXTEND ALL FIRE SEPARATION PARTITIONS FROM THE FLOOR SLAB TO THE UNDERSIDE OF STRUCTURE AND SEAL AT PERIMETER AND PENETRATIONS TO PROVIDE SMOKE-TIGHT SEPARATION
12. PROVIDE WOOD BLOCKING FOR ALL CABINETS AND WALL / CEILING MOUNTED ITEMS

4 GENERAL NOTES
A001 Scale: N/A

NOTE:
ARCHITECTURAL SITE PLAN IS PROVIDED FOR COORDINATION ONLY - REFER TO SITE PLAN PROVIDED BY OTHERS FOR SITE WORK



5 SITE PLAN
A001 Scale: N.T.S.

F1 — **WALL TYPE F1:** FOUNDATION
265mm CAST-IN-PLACE CONCRETE (REFER TO STRUCTURAL)
60mm TECH-CRETE CONCRETE FACED INSULATION PANELS
265

F1A — **WALL TYPE F1A:** FOUNDATION BUMP-OUT
92mm GALVANIZED STUDS
60mm TECH-CRETE CONCRETE FACED INSULATION PANELS
(50mm RIGID INSULATION BELOW TECH-CRETE AS REQUIRED)
152

2 CONSTRUCTION ASSEMBLIES FOUNDATION TYPES
A001 Scale: N/A

ROOF & CEILING TYPES

R1 — **ROOF TYPE R1:** CONVENTIONAL ROOF
2-PLY MODIFIED BITUMINOUS ROOF MEMBRANE
6mm OVERLAY BOARD
POLYISOCYANURATE INSULATION IN 2 50mm LAYERS, STAGGER JOINTS
POLYISOCYANURATE SLOPED INSULATION WHERE SHOWN ON THE DRAWINGS
SBS THERMOFUSIBLE AIR/VAPOUR BARRIER MEMBRANE
12.7 mm GLASS MAT FACED GYPSUM BOARD FOR ROOFS
ROOF DECK – REFER TO STRUCTURAL

RELINE
XXX — **WASH BAY CEILING**
22mm HAT CHANNEL OR OTHER GALVANIZED METAL FURRING
19mm EXTERIOR GRADE PLYWOOD
PEEL AND STICK WATER RESISTANT MEMBRANE
RELINE PANEL

3 CONSTRUCTION ASSEMBLIES ROOF & CEILING TYPE
A001 Scale: N/A

Item	Ontario Building Code Matrix Parts 3 & 9			O.B.C Reference	
1	Project Description:	☒ New	☐ Part 11	☐ Part 3	☒ Part 9
		☐ Addition			1.1.2.4
	☐ Change of Use	☐ Alteration			9.10.1.3
2	Major Occupancy(s)	GROUP F3 - INDUSTRIAL - LOW HAZARD		3.1.2.1.(1)	9.10.2
3	Building Area (m2)	Existing 0 New 513.4 Total 513.4		1.1.3.2	1.1.3.2
4	Gross Area (m2)	Existing 0 New 513.4 Total 513.4		1.1.3.2	1.1.3.2
5	Number of Storeys	Above Grade 1 Below Grade 0		3.2.1.1 & 1.1.3.2	1.1.2.4
6	Height of Building (m)	6.1 (Decorative Tower @ 7.9m)			
7	Number of Streets/Access Routes	1		3.2.2.10 & 3.2.5.5	9.10.20.3
8	Building Classification	F3		3.2.2.20 -.83	9.10.2
9	Sprinkler System Proposed:	☐ entire building		3.2.2.20 - .83	9.10.8
		☐ basement only		3.2.1.5	
		☐ in lieu of roof rating		3.2.2.17	
		☒ not required			
10	Standpipe Required	☐ Yes ☒ No		3.2.9	
11	Fire Alarm Required	☐ Yes ☒ No		3.2.4	9.10.18
12	Water Service/Supply is Adequate	☒ Yes ☐ No			
13	High Building	☐ Yes ☒ No		3.2.6	
14	Permitted Construction	☒ Combustible ☒ Non-combustible		3.2.2.51 and 3.2.2.75	9.10.6
	Actual Construction	☐ Combustible ☒ Non-combustible			
15	Mezzanine(s) Area m2	N/ A		3.2.1.1.(3)-(8)	9.10.4
16	Occupant load based on	☐ m2/person ☒ Design of building		3.1.17	9.9.1.3
	Basement	Occupancy: n/a Load: n/a persons			
	1st Floor	Occupancy: F3 Load: 5 persons			
	2nd Floor	Occupancy: n/a Load: n/a persons			
	3rd and 4th Floor	Occupancy: n/a Load: n/a persons			
17	Barrier-free Design	☒ Yes ☐ NO		3.8	9.5.2
18	Hazardous Substances	☐ Yes ☒ NO		3.3.1.2.(1) &3.3.1.19.(1)	9.10.1.3
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			
		Roof 0 Hours			
		Mezzanine n/a			
		FRR of Supporting Members	Listed Design No. or Description (SG-2)		
		Floors n/a Hours			
		Roof 0 Hours			
		Mezzanine n/a			
20	Spatial Separation - Construction of Exterior Walls - New Construction only			3.2.3	9.10.14

	Wall	Area of EBF m2	LD (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	CONSTRUCTION REQUIRED	CLADDING REQUIRED
	North	227.7	40.2m	-	100%	7.0%	-	-	NONCOMB. OR COMB.	NONCOMB. OR COMB.
	South	226.1	7.5m	-	28%	22%	-	-	NONCOMB. OR COMB.	NONCOMB. OR COMB.
	East	54.2	27.8m	-	100%	19.3%	-	-	NONCOMB. OR COMB.	NONCOMB. OR COMB.
	West	53.2	19.7m	-	100%	22%	-	-	NONCOMB. OR COMB.	NONCOMB. OR COMB.

6 OBC MATRIX
A001 Scale: N/A

EXTERIOR WALL ASSEMBLY TYPES

ALL 194mm MUROX PANEL SYSTEMS BY CANAM AND INCLUDE:
- EXTERIOR AIR BARRIER MEMBRANE
- INTERIOR VAPOUR BARRIER

NOTE:
ALL Z GIRTS ON WALL ASSEMBLIES ARE GLAVANIZED UNLESS OTHER WISE NOTED.

W1 — **WALL TYPE W1:** CORRUGATED MUROX SYSTEM
BLUE (MS1) METAL CORRUGATED PANELS - (CANAM)
50mm HORIZONTAL Z GIRT (CANAM)
194mm MUROX PANEL SYSTEM
50mm HORIZONTAL Z GIRT (G.C.)
10mm RELINE PANEL (G.C.)
332

W2 — **WALL TYPE W2:** CORRUGATED MUROX SYSTEM
BLUE (MS1) METAL CORRUGATED PANELS - (CANAM)
75mm HORIZONTAL Z GIRT (CANAM)
254mm ACM BAND (MS4) (G.C.)
- REFER TO ELEVATIONS FOR LOCATION OF ACM BAND
194mm MUROX PANEL SYSTEM
75mm HORIZONTAL Z GIRT (G.C.)
10mm RELINE PANEL (G.C.)
382

W3 — **WALL TYPE W3:** CORRUGATED MUROX SYSTEM
BLUE (MS1) METAL CORRUGATED PANELS - (CANAM)
50mm HORIZONTAL Z GIRT (CANAM)
254mm ACM BAND (MS4) (G.C.)
- REFER TO ELEVATIONS FOR LOCATION OF ACM BAND
194mm MUROX PANEL SYSTEM
50mm HORIZONTAL Z GIRT (G.C)
10mm RELINE PANEL (G.C)
332

W4 — **WALL TYPE W4:** CORRUGATED MUROX SYSTEM
BLUE (MS1) METAL CORRUGATED PANELS - (CANAM)
50mm HORIZONTAL Z GIRT (CANAM)
254mm ACM BAND (MS4) (G.C.)
- REFER TO ELEVATIONS FOR LOCATION OF ACM BAND
194mm MUROX PANEL SYSTEM
50mm HORIZONTAL Z GIRT (G.C.)
12mm MOISTURE RESISTANT GWB (G.C.)
332

W5 — **WALL TYPE W5:** CORRUGATED MUROX SYSTEM
BLACK (MS2) METAL CORRUGATED PANELS - TOP BAND (CANAM)
GREY (MS3) METAL CORRUGATED PANELS - (CANAM)
50mm HORIZONTAL Z GIRT (CANAM)
- REFER TO ELEVATIONS FOR SIZE & LOCATION OF BLACK TOP BAND
194mm MUROX PANEL SYSTEM
75mm HORIZONTAL Z GIRT (G.C)
10mm RELINE PANEL (G.C)
357

W5A — **WALL TYPE W5A:** CORRUGATED MUROX SYSTEM
SAME AS W5:
REPLACE GREY CORRUGATED WITH BLACK (MS2) (CANAM)

W6 — **WALL TYPE W6:** CORRUGATED-ACM MUROX SYSTEM
BLACK (MS2) METAL CORRUGATED PANELS - TOP BAND (CANAM)
GREY (MS3) METAL CORRUGATED PANELS - MID-BAND (CANAM)
50mm HORIZONTAL Z GIRT (CANAM)
BRUSHED ALUMINUM (MS-4) ACM PANELS (G.C.)
- REFER TO ELEVATIONS FOR SIZE & LOCATION OF BANDS & ACM REVEALS
194mm MUROX PANEL SYSTEM
50mm HORIZONTAL Z GIRT (G.C)
12mm MOISTURE RESISTANT GWB (G.C)
335

W7 — **WALL TYPE W7:** ACM MUROX SYSTEM
BRUSHED ALUMINUM (MS-4) ACM PANELS (G.C.)
50mm HORIZONTAL Z GIRT (CANAM)
- REFER TO ELEVATIONS FOR LOCATION OF ACM REVEALS
194mm MUROX PANEL SYSTEM
50mm HORIZONTAL Z GIRT (G.C)
12mm MOISTURE RESISTANT GWB (G.C)
335

W7A — **WALL TYPE W7A:** ACM MUROX SYSTEM
SAME AS W7:
REPLACE GWB WITH 10mm RELINE PANELS (G.C.)

W8 — **WALL TYPE W8:** ACM TOWER MUROX SYSTEM
BLACK (MS5) ACM PANELS (G.C.)
152mm HORIZONTAL Z GIRT (G.C.)
152mm VERTICAL Z GIRT (G.C.)
MUROX PANEL SYSTEM
50mm HORIZONTAL Z GIRT (G.C.)
12.5mm GWB (G.C.)
589

NOTE:
REPLACE GWB WITH RELINE PANEL ON PORTION OF LOW TOWER THAT IS IN WASH BAY (G.C.)

INTERIOR PARTITION ASSEMBLY TYPES

P-1 — **INTERIOR PARTITION P-1:**
19mm EXTERIOR GRADE PLYWOOD
152mm GALVANIZED STEEL STUD
150mm MOISTURE RESISTANT BATT INSULATION (FOR SOUND REDUCTION)
19mm EXTERIOR GRADE PLYWOOD
WATER IMPERMEABLE MEMBRANE
9mm RELINE PANELS

(NOTE: IN RM's 115, 116 & 117 REPLACE PLYWOOD WITH 16mm MOISTURE RESISTANT GWB)
199
WASH BAY SIDE

P-2 — **INTERIOR PARTITION P-2:**
12mm MOISTURE RESISTANT GWB
92mm GALVANIZED STEEL STUD
90mm BATT INSULATION
- AS NOTED ON DRAWINGS
12mm MOISTURE RESISTANT GWB
116

P-3 — **INTERIOR PARTITION P-3:** HEAT BAFFLE
9mm RELINE PANEL
22mm FURRING
152mm GALVANIZED STEEL STUD
150mm MOISTURE RESISTANT BATT INSULATION (FOR SOUND REDUCTION)
22mm FURRING
9mm RELINE PANEL
216

P-4 — **INTERIOR PARTITION P-4:** SOUND ATTENUATING PARTITION
16mm TYPE C GWB
GREEN GLUE
16mm TYPE C GWB
22mm GALVANIZED HAT CHANNEL
32mm RISC
- (RESILIENT SOUND ISOLATION CLIP)
92mm GALVANIZED STEEL STUD
102mm THIRMAFIBER SAFB (OWENS CORNING)
16mm TYPE C GWB
GREEN GLUE
16mm TYPE C GWB
210

P-5 — **INTERIOR PARTITION P-5:** CLOSET PARTITION
16mm MOISTURE RESISTANT GWB
92mm GALVANIZED STEEL STUD
(BLOCKING AS REQUIRED FOR W/C ACCESSORIES)
BATT INSULATION
- AS NOTED ON DRAWINGS
19mm PLYWOOD
CLOSET SPACE
42mm GALVANIZED STEEL STUD
16mm GWB
536
355

NOTE:
PROVIDE DEFLECTION TRACK (MIN. 63mm) AT ALL INTERIOR PARTITIONS THAT CONNECT TO U/S ROOF DECK OR ROOF TRUSS.

7 CONSTRUCTION ASSEMBLIES WALL & PARTITION TYPES
A001 Scale: N/A

MCROBIE
ARCHITECTS + INTERIOR DESIGNERS

OTTAWA, ONTARIO

North

Revisions

Revision Number	Description	Date
1	ISSUED FOR SPA	2022-04-27

Project
HALO CARWASH
OTTAWA ONTARIO

3555 BORRISOKANE
OTTAWA, ONTARIO

Drawing
WALL & ROOF TYPES
SITE PLAN, OBC MATRIX

Scale: As indicated
Drawn: KE
Checked: IW

Stamp: ONTARIO ASSOCIATION OF ARCHITECTS — DAVID S. McROBIE — LICENCE 2880

Project No. 22-118
Drawing No. A001
Date 07/13/21

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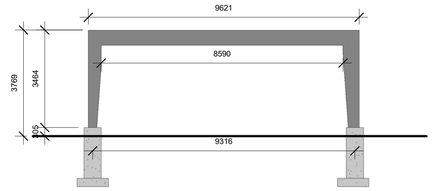
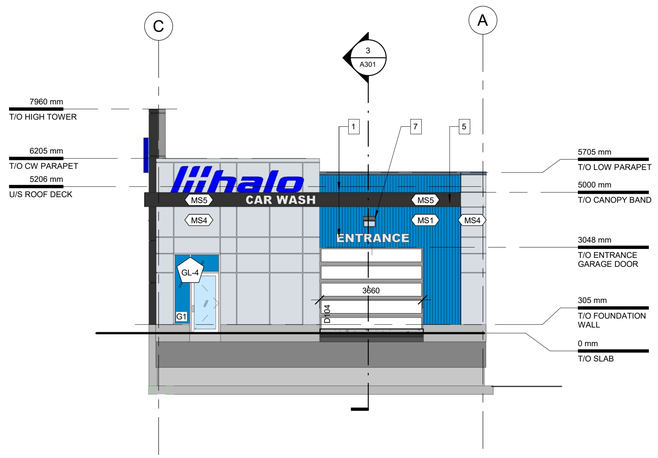


NOTE:
ENTRANCE ARCH SHOWN FOR DIMENSIONS ONLY, LOCATION OF ARCH IN RELATION TO BUILDING NOT TO SCALE, REFER TO CIVIL FOR EXACT ARCH LOCATION



1 A201 EXTERIOR ELEVATION WEST & ENTRANCE ARCH
Scale: 1 : 100

ELEVATION KEY NOTES

1. SIGNAGE BY OTHERS, GC TO PROVIDE BLOCKING AND/OR SUPPORT, COORDINATE WITH ELECTRICAL AND SIGNAGE COMPANY
2. ENTRANCE STRUCTURE, REFER TO STRUCTURAL, COLOUR: BLACK
3. BOLLARDS, BLUE WITH YELLOW STRIPE
4. AUTOMATED TELLER EQUIPMENT, BY OTHERS
5. CANOPY
6. SCUPPER
7. WALL LIGHT, REFER TO ELECTRICAL
8. AIR INTAKE LOUVER
9. ACM BAND

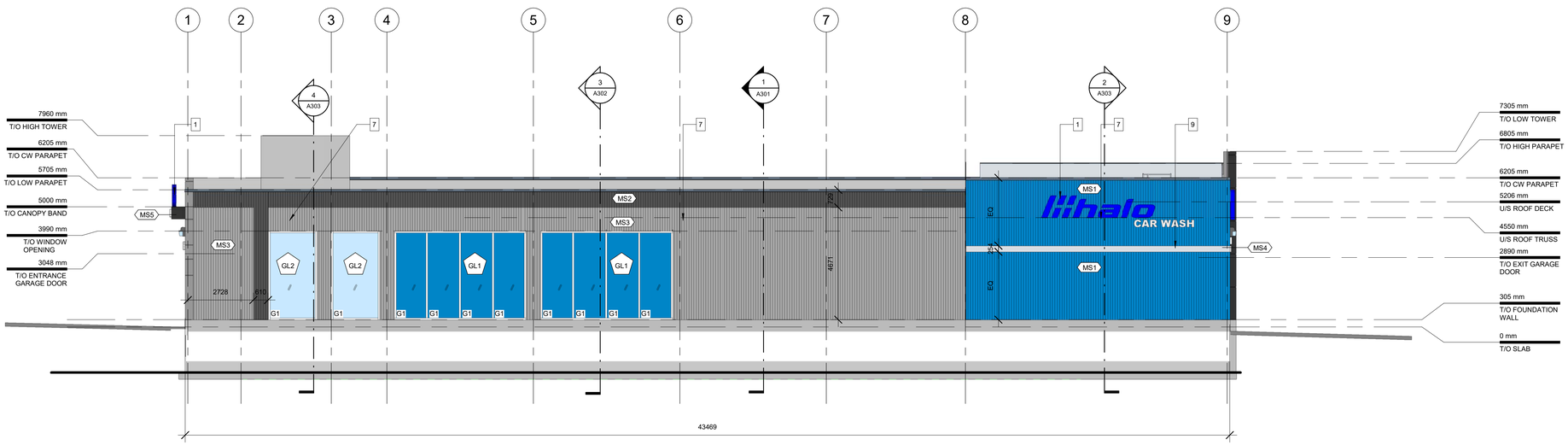
2 A201 KEY NOTES
Scale: N/A

FINISH LEGEND

SYMBOL	DESCRIPTION
MS1	PREFINISHED CORRUGATED METAL WALL PANELS BLUE - VERTICAL
MS2	PREFINISHED CORRUGATED METAL WALL PANELS BLACK - VERTICAL
MS3	PREFINISHED CORRUGATED METAL WALL PANELS GREY - VERTICAL
MS4	PREFINISHED ALUMINUM COMPOSITE MATERIAL WALL PANEL BRUSHED ALUMINUM
MS5	PREFINISHED ALUMINUM COMPOSITE MATERIAL WALL PANEL GLOSS BLACK
MS6	PREFINISHED ALUMINUM COMPOSITE MATERIAL WALL PANEL BLUE - MATCHES MS1
PCS	PRECAST CONCRETE SILL
RF1	PREFINISHED METAL FLASHING GLOSS BLACK
RF2	PREFINISHED METAL FLASHING BRUSHED ALUMINUM
CLX	ALUMINUM WINDOW SYSTEM, REFER TO 02/A002

NOTE:
REFER TO 02/A003 FOR ALL PRODUCT SPECIFICATIONS

3 A201 FINISHES LEGEND
Scale: N/A



4 A201 EXTERIOR ELEVATION South
Scale: 1 : 100

MCROBIE
ARCHITECTS + INTERIOR DESIGNERS
OTTAWA, ONTARIO

North

Revisions

Revision Number	Description	Date
1	ISSUED FOR SPA	2022-04-27

Project

HALO CARWASH
OTTAWA ONTARIO

3555 BORRISOKANE
OTTAWA, ONTARIO

Drawing

EXTERIOR ELEVATIONS

Scale: As indicated
Drawn: KE
Checked: IW

Stamp: ONTARIO ASSOCIATION OF ARCHITECTS — DAVID S. McROBIE — LICENCE 2880

Project No.: 22-118
Drawing No.: A201
Date: 07/13/21

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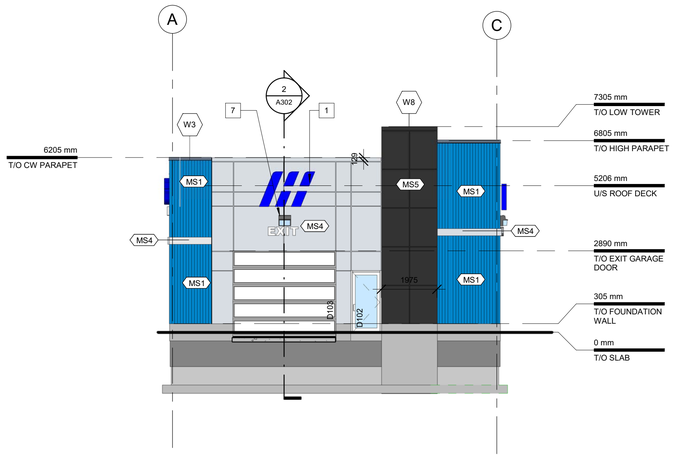


1 A202 EXTERIOR ELEVATION EAST
Scale: 1 : 100

ELEVATION KEY NOTES

1. SIGNAGE BY OTHERS, GC TO PROVIDE BLOCKING AND/OR SUPPORT, COORDINATE WITH ELECTRICAL AND SIGNAGE COMPANY
2. ENTRANCE STRUCTURE, REFER TO STRUCTURAL, COLOUR: BLACK
3. BOLLARDS, BLUE WITH YELLOW STRIPE
4. AUTOMATED TELLER EQUIPMENT, BY OTHERS
5. CANOPY
6. SCUPPER
7. WALL LIGHT, REFER TO ELECTRICAL
8. AIR INTAKE LOUVER
9. ACM BAND

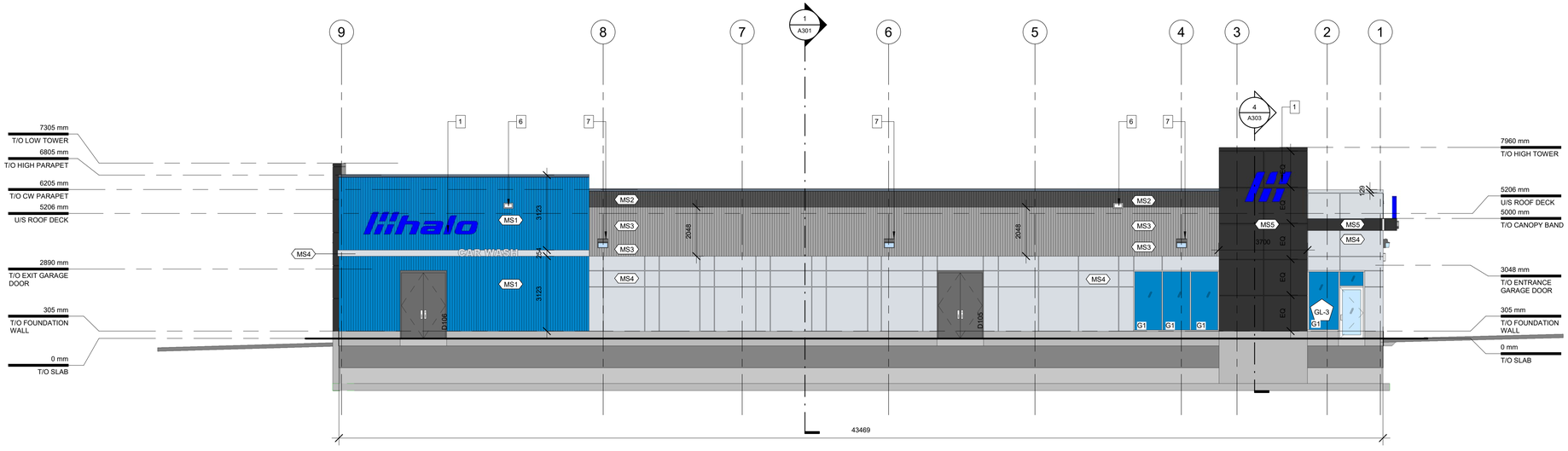
2 A202 KEY NOTES
Scale: N/A

FINISH LEGEND

SYMBOL	DESCRIPTION
MS1	PREFINISHED CORRUGATED METAL WALL PANELS BLUE - VERTICAL
MS2	PREFINISHED CORRUGATED METAL WALL PANELS BLACK - VERTICAL
MS3	PREFINISHED CORRUGATED METAL WALL PANELS GREY - VERTICAL
MS4	PREFINISHED ALUMINUM COMPOSITE MATERIAL WALL PANEL BRUSHED ALUMINUM
MS5	PREFINISHED ALUMINUM COMPOSITE MATERIAL WALL PANEL GLOSS BLACK
MS6	PREFINISHED ALUMINUM COMPOSITE MATERIAL WALL PANEL BLUE - MATCHES MS1
PCS	PRECAST CONCRETE SILL
RF1	PREFINISHED METAL FLASHING GLOSS BLACK
RF2	PREFINISHED METAL FLASHING BRUSHED ALUMINUM
CLX	ALUMINUM WINDOW SYSTEM, REFER TO 02/A002

NOTE:
REFER TO 02/A003 FOR ALL PRODUCT SPECIFICATIONS

3 A202 FINISH LEGEND
Scale: N/A



4 A202 EXTERIOR ELEVATION NORTH
Scale: 1 : 100

MCROBIE
ARCHITECTS + INTERIOR DESIGNERS

OTTAWA, ONTARIO

North

Revisions

Revision Number	Description	Date
1	ISSUED FOR SPA	2022-04-27

Project

HALO CARWASH
OTTAWA ONTARIO

3555 BORRISOKANE
OTTAWA, ONTARIO

Drawing

EXTERIOR ELEVATIONS

Scale: As indicated
Drawn: KE
Checked: IW

Stamp: ONTARIO ASSOCIATION OF ARCHITECTS — DAVID S. McROBIE — LICENCE 2880

Project No.: 22-118
Drawing No.: A202
Date: 07/13/21

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