

MARPOLE TRANSIT CENTRE



ARCHITECTURE | 49



TWD Technologies

1000-800 HOWE STREET
VANCOUVER, BC V6Z 2M1
PHONE: 604-685-9383 | WWW.WSP.CO

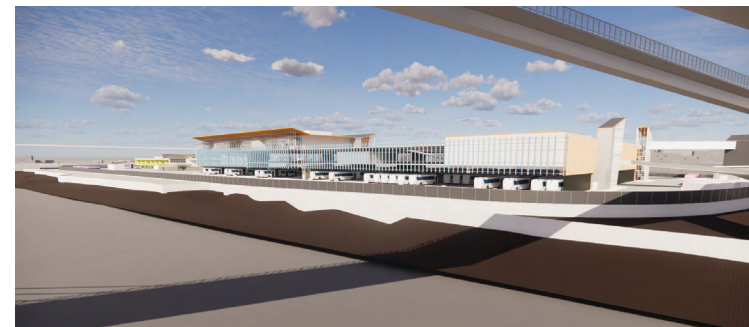
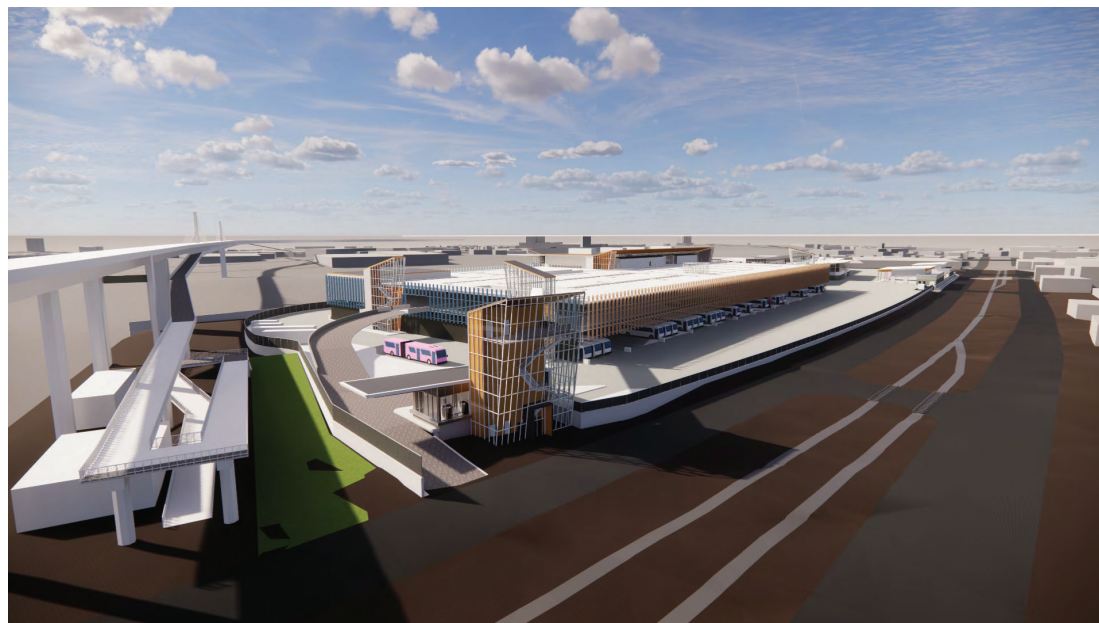
1075 WEST GEORGIA, SUITE 270
VANCOUVER, BC V6E 3C9
Phone 604-736-5329 | WWW.ARCHITECTURE89.COM

188-6664 LOUGHEED HWY.
BURNABY, BC V5C 5T5
PHONE: (236) 317-2866 | WWW.TWOSCM.COM

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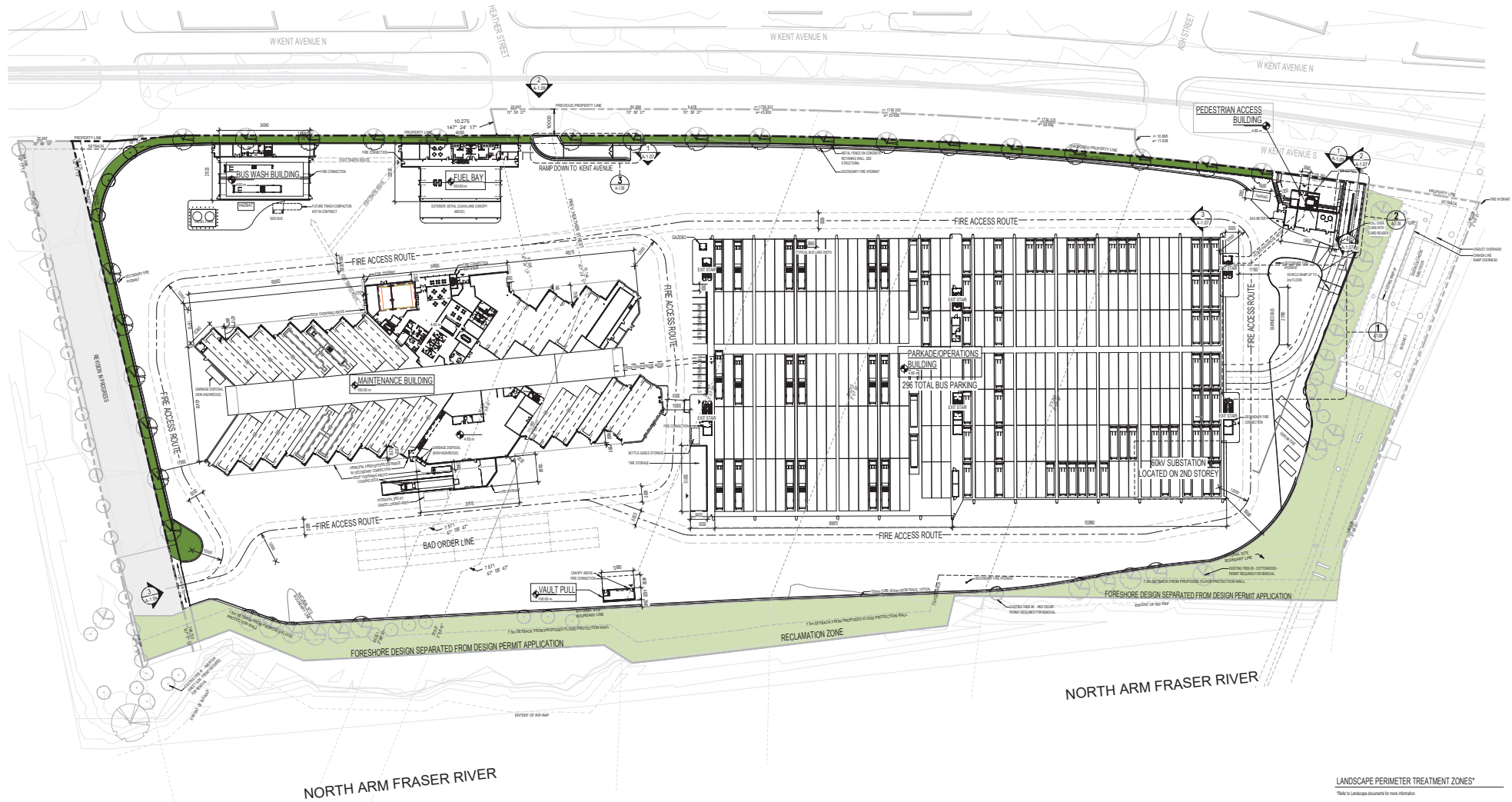
PROJECT INFO

LEGAL DESCRIPTION:
DISTRICT LOTS 311, 319, 323 AND 324 GROUP 1 NW WESTINGHOUSE

[illegible]



- NOTES:
1. DESIGN OF PUBLIC PATHWAYS ADJACENT TO THE SITE WILL BE IN CONSULTATION WITH COV ENGINEERING.
 2. ALL PROPOSED WORK ON ENGINEERING PROPERTY TO FOLLOW APPROVED CITY OF VANCOUVER ENGINEERING GEOMETRICS AND STANDARDS.
 3. FINAL SPACING, QUANTITY AND TREE SPECIES TO THE SATISFACTION OF THE GENERAL MANAGER OF ENGINEERING SERVICES. NEW TREES MUST BE OF GOOD STANDARD, INSTALLED WITH APPROVED ROOT BARRIERS AND APPROPRIATE SOIL. ROOT BARRIERS SHALL BE OF RIGID CONSTRUCTION, 8 FEET LONG AND 18 INCHES IN DEPTH. PLANTING DEPTH OF ROOT BALL MUST BE BELOW SIDEWALK GRADE. CALL PARK BOARD FOR INSPECTION AFTER TREE PLANTING COMPLETION.



LANDSCAPE PERIMETER TREATMENT ZONES*

*Refer to landscape documents for more information

- ● ● ● ● ZONE 1 - SOFT LANDSCAPE
- ● ● ● ● ZONE 2 - MICRO GARDENS
- ● ● ● ● ZONE 3 - ART EXPRESSION
- ● ● ● ● ZONE 4 - CORNER TREATMENT
- ● ● ● ● ZONE 5 - RAIN GARDEN
- ● ● ● ● ZONE 6 - WESTSIDE STREET ENVIRONMENT
- ● ● ● ● ZONE 7 - COASTAL RECLAMATION ZONE
- ● ● ● ● ZONE 8 - EASTSIDE STREET ENVIRONMENT

CONTRACT NO. 182009-01

MARPOLE TRANSIT CENTRE
SITE PLAN

DESIGNED	DATE	NUMBER	REFERENCE DRAWING	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION	REV
DRAWN				2022.12.15	S.A.	ISSUED FOR DEVELOPMENT PERMIT					
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APPROVAL											

NOT FOR CONSTRUCTION

3000 4800 HORNBY STREET
VANCOUVER BRITISH COLUMBIA
CANADA V6Z 2M5
PHONE: 604.455.4555
WWW.WSP.COM

ARCHITECTURE 49

101-8001 GEORGIA SUITE 370
VANCOUVER BRITISH COLUMBIA V6C 3E9
Phone: 604.755.5555 WWW.ARCHITECTURE49.COM



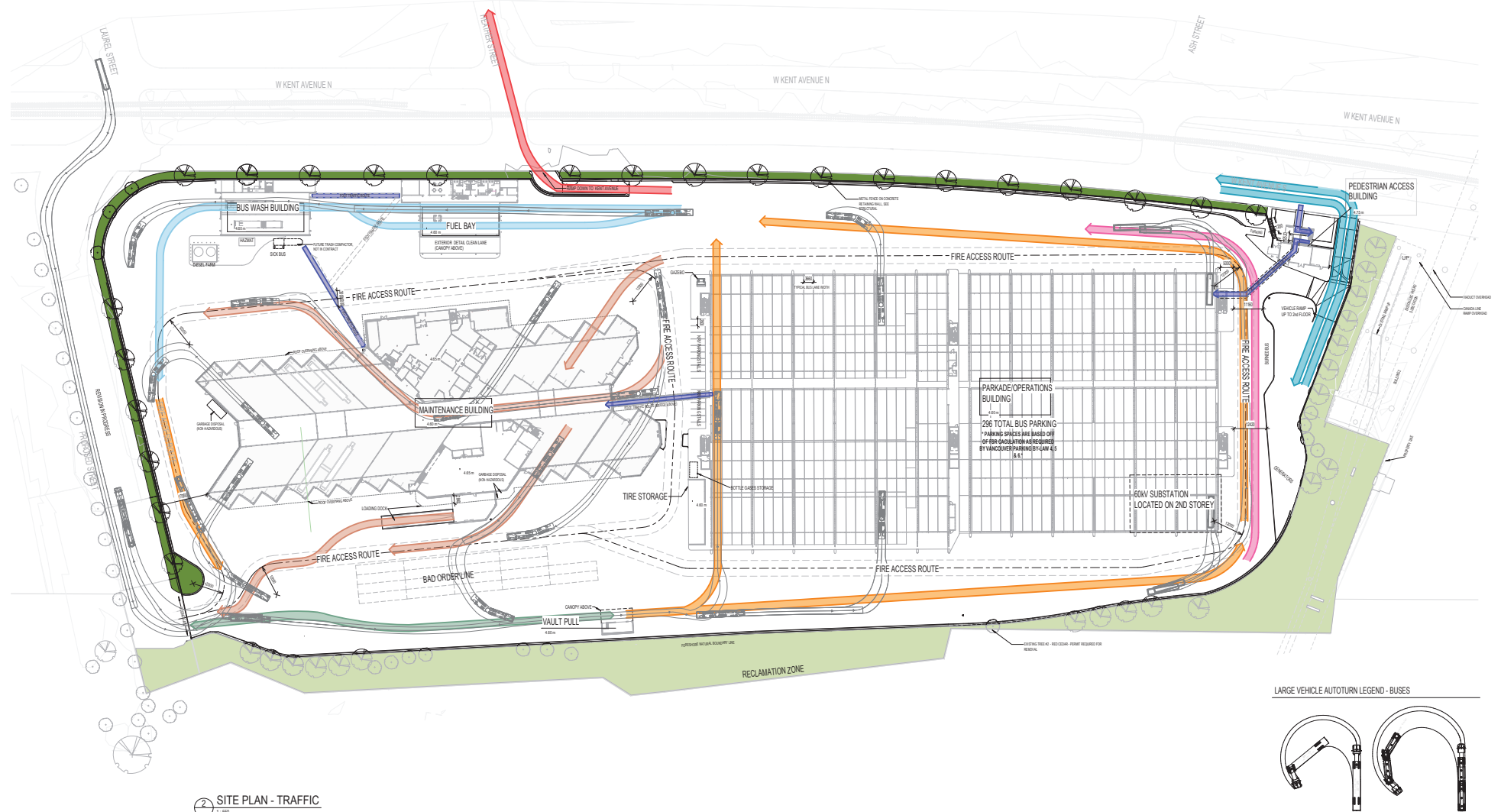
TWD Technologies

188-6664 LOUGHEED HWY.
BURNABY, B.C. V5C 2T5
PHONE: (250) 517-2866 WWW.TWDTHEORY.COM



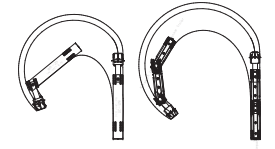
SOUTH COAST BRITISH COLUMBIA
TRANSPORTATION AUTHORITY (SBCITA)
480-287 Nelson's Court
New Westminster, B.C. V6Y 1E7

SCALE: As indicated
DRAWING NO: 182009-01 A-1.01
REV. NO: A



2 SITE PLAN - TRAFFIC
1:1000

LARGE VEHICLE AUTOTURN LEGEND - BUSES



TRAFFIC MANAGEMENT - CIRCULATION ROUTES



DESIGNED	DATE	REFERENCE DRAWING				REVISIONS				REVISIONS			
		NUMBER	DESCRIPTION	DATE	BY	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION	REV
DRAWN				2022-12-15	S.A.			ISSUED FOR DEVELOPMENT PERMIT					
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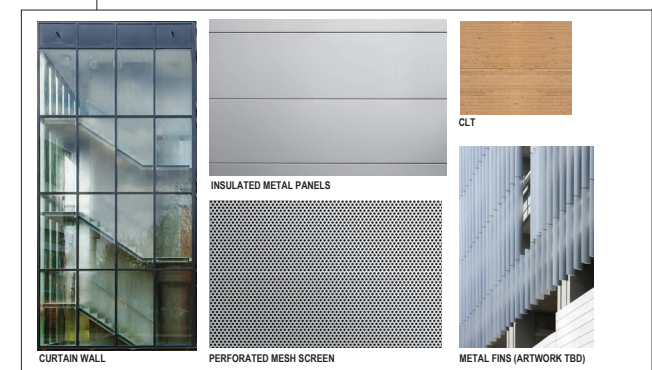
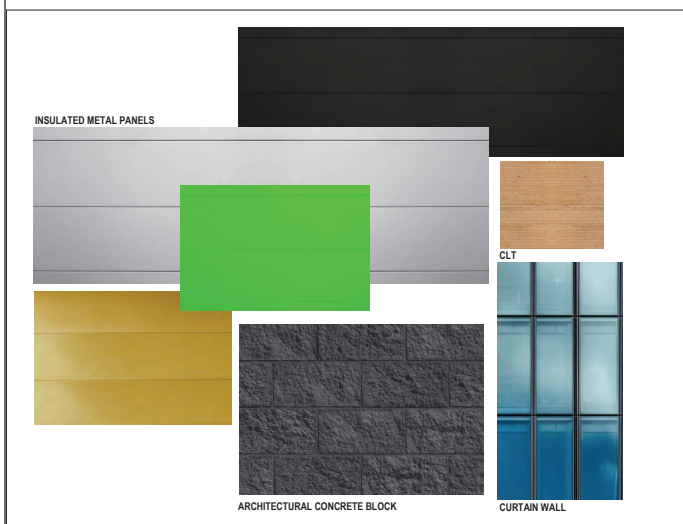
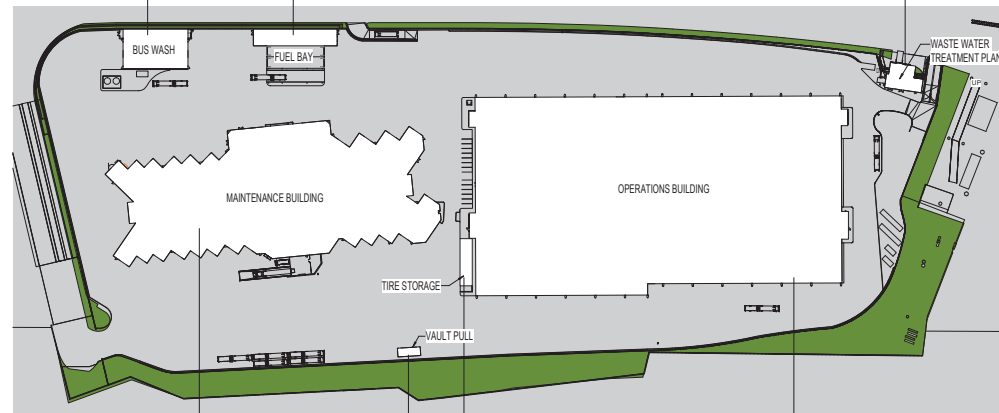
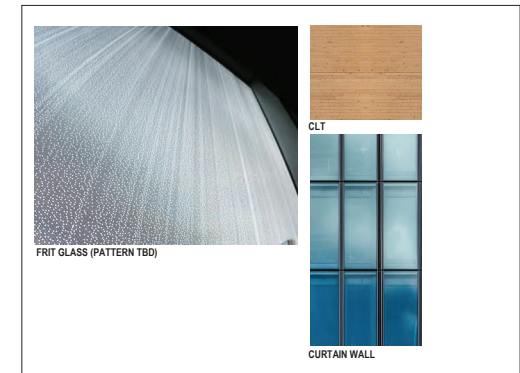
NOT FOR CONSTRUCTION



CONTRACT NO. 182009-01

MARPOLE TRANSIT CENTRE
SITE PLAN - TRAFFIC
MANAGEMENT

SCALE: As indicated
SHEETING No: 182009-01 A-1.02
REV. No: A



	REFERENCE DRAWING			REVISIONS				REVISIONS			
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APPROVAL											

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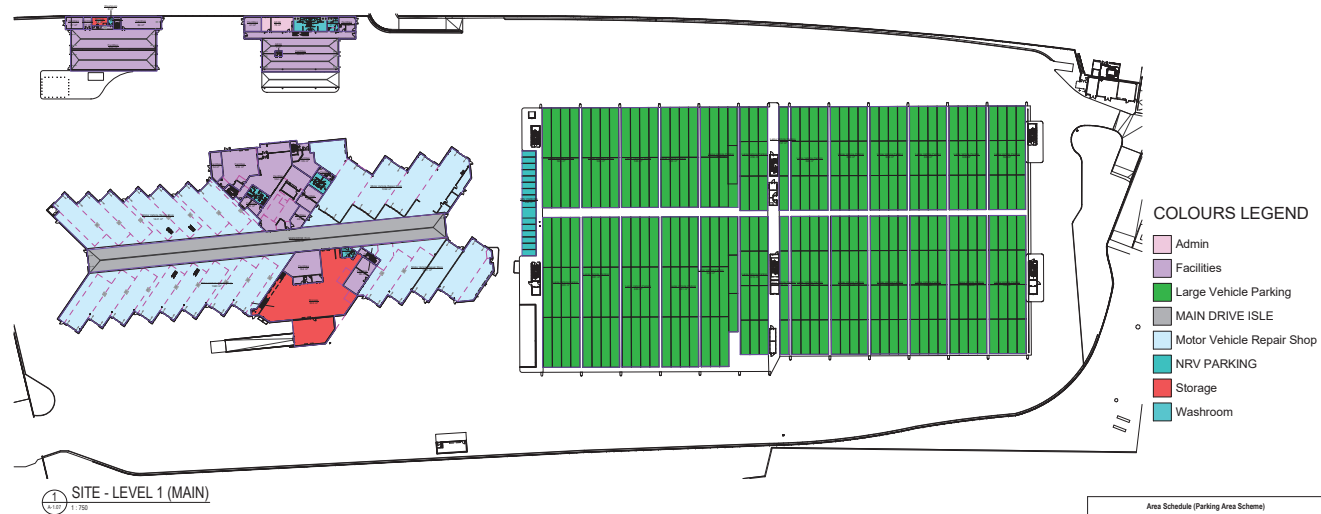
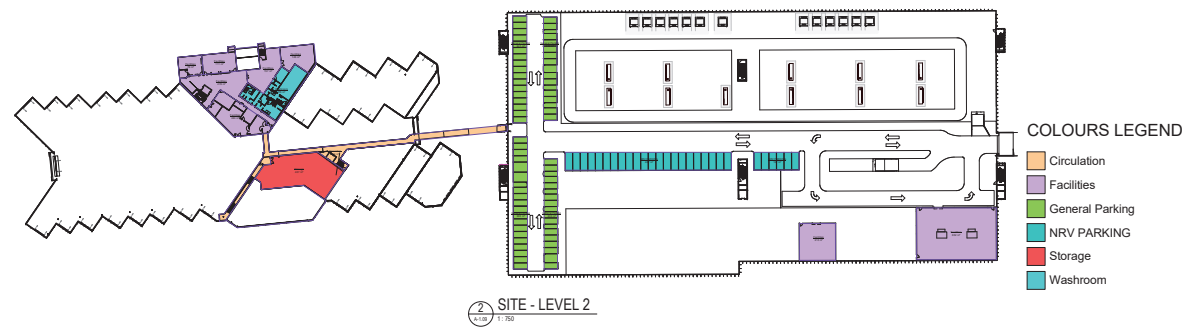
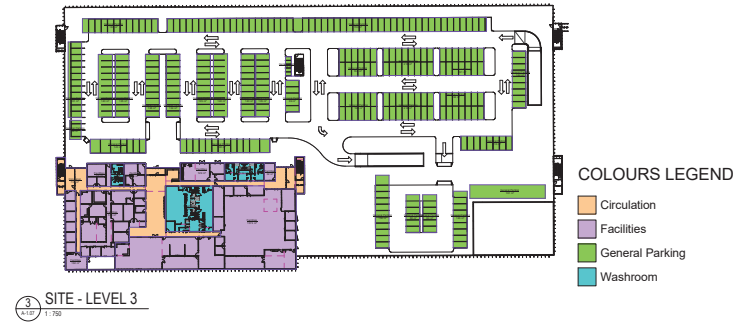
CONTRACT NO. 182009-01
MARPOLE TRANSIT CENTRE
MATERIAL BOARD

SCALE: 1 : 1000
SHEETING No. 182009-01 A-1.03
REV. No. A



Area Schedule (Site Coverage)			
Comments	Name	Area	Building Type
1.0 Maintenance Building			
Site Coverage	MAINTENANCE BUILDING	10481 m ²	1.0 Maintenance Building
		10481 m ²	
2.0 Garage Structure			
Site Coverage	GAZEBO	12 m ²	2.0 Garage Structure
Site Coverage	OPERATIONS BUILDING	20291 m ²	2.0 Garage Structure
Site Coverage	OPERATIONS BUILDING RAMP	546 m ²	2.0 Garage Structure
Site Coverage	TIRE STORAGE	116 m ²	2.0 Garage Structure
		20955 m ²	
3.0 Bus Wash			
Site Coverage	BUS WASH	1158 m ²	3.0 Bus Wash
		1158 m ²	
4.0 Vault Pull			
Site Coverage	VAULT PULL	94 m ²	4.0 Vault Pull
		94 m ²	
6.0 Fuel Bay			
Site Coverage	FUEL BAY	1124 m ²	6.0 Fuel Bay
		1124 m ²	
8.0 Pedestrian Access			
Site Coverage	PEDESTRIAN ACCESS TOWER AND BRIDGE	437 m ²	8.0 Pedestrian Access
		437 m ²	
		34759 m ²	
Grand total: 9			

SCALE 1" = 750'	DRAWING No. 182009-01 A-1.04
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Area Schedule (Parking Area Scheme)	
Name	Area
Admin	811 m ²
Circulation	1,065 m ²
Facilities	7,224 m ²
General Parking	25,481 m ²
Large Vehicle Parking	17,029 m ²
MAIN DRIVE ISLE	1,114 m ²
Motor Vehicle Repair Shop	5,504 m ²
NRV PARKING	550 m ²
Storage	1,056 m ²
Washroom	1,008 m ²

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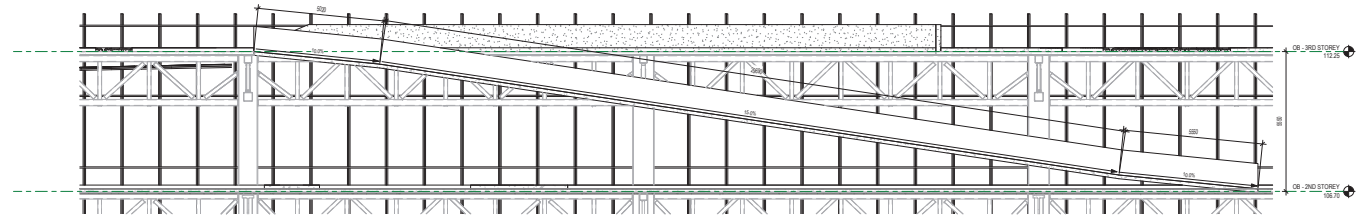
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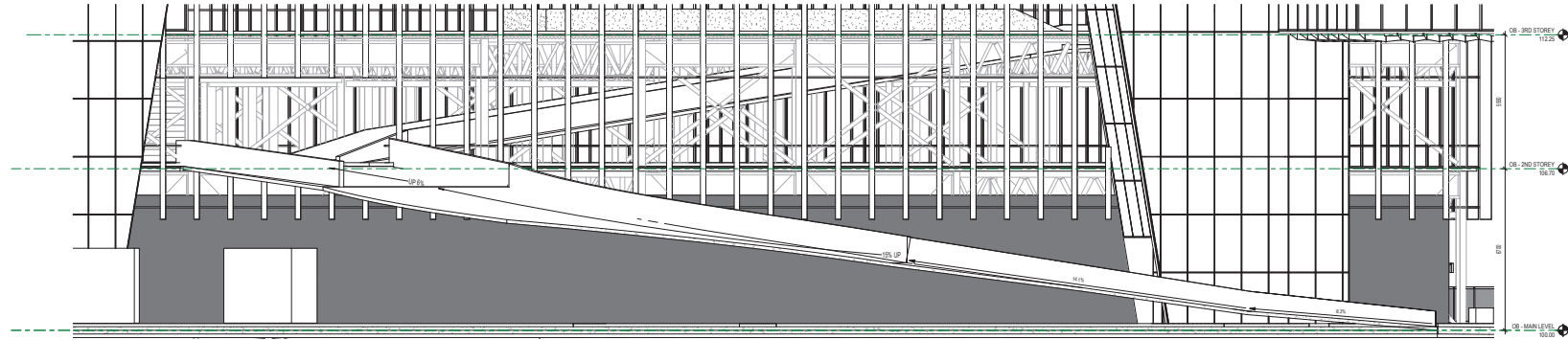
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MARPOLE TRANSIT CENTRE PARKING AREA PLANS	
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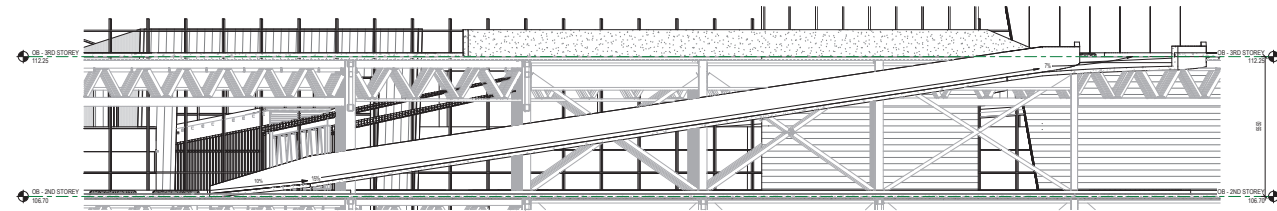
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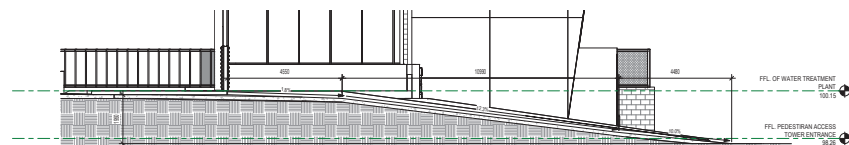
5 RAMP SECTION - OB PARKADE LEVEL 3 DOWN RAMP
1:75



4 SITE SECTION - EMPLOYEE VEHICLE RAMP INTO 2ND STORY PARKADE
1:75



3 SITE SECTION - 2ND TO 3RD STORY PARKADE EMPLOYEE VEHICLE RAMP
1:75



2 SITE SECTION - EMPLOYEE ACCESS GATE - RAMP
1:75



1 SITE SECTION - KENT STREET BUS EXIT
1:75

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APPROVAL	DATE													

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1000-880 HORNBY STREET
VANCOUVER BRITISH COLUMBIA
CANADA V6Z 2M5
PHONE: (604) 683-8881
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ARCHITECTURE 49

101-8807 GEORGIA SUITE 375
VANCOUVER BRITISH COLUMBIA V6C 3E8
PHONE: (604) 261-2666 | WWW.TWOFCOM.COM



188-6664 LOUGHEED HWY.
RICHMOND, B.C. V6X 1Y5
PHONE: (604) 271-2666 | WWW.TWOFCOM.COM

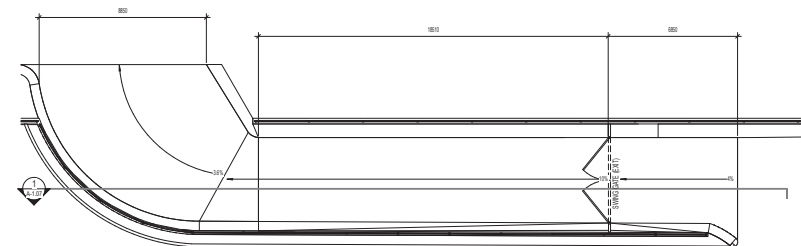


SOUTH COAST BRITISH COLUMBIA
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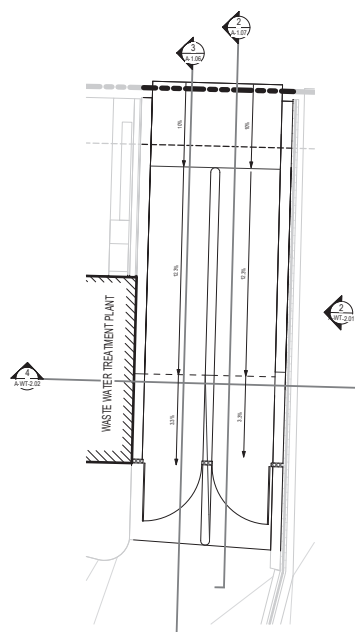
CONTRACT NO. 182009-01

MARPOLE TRANSIT CENTRE
SITE SECTIONS - RAMPS

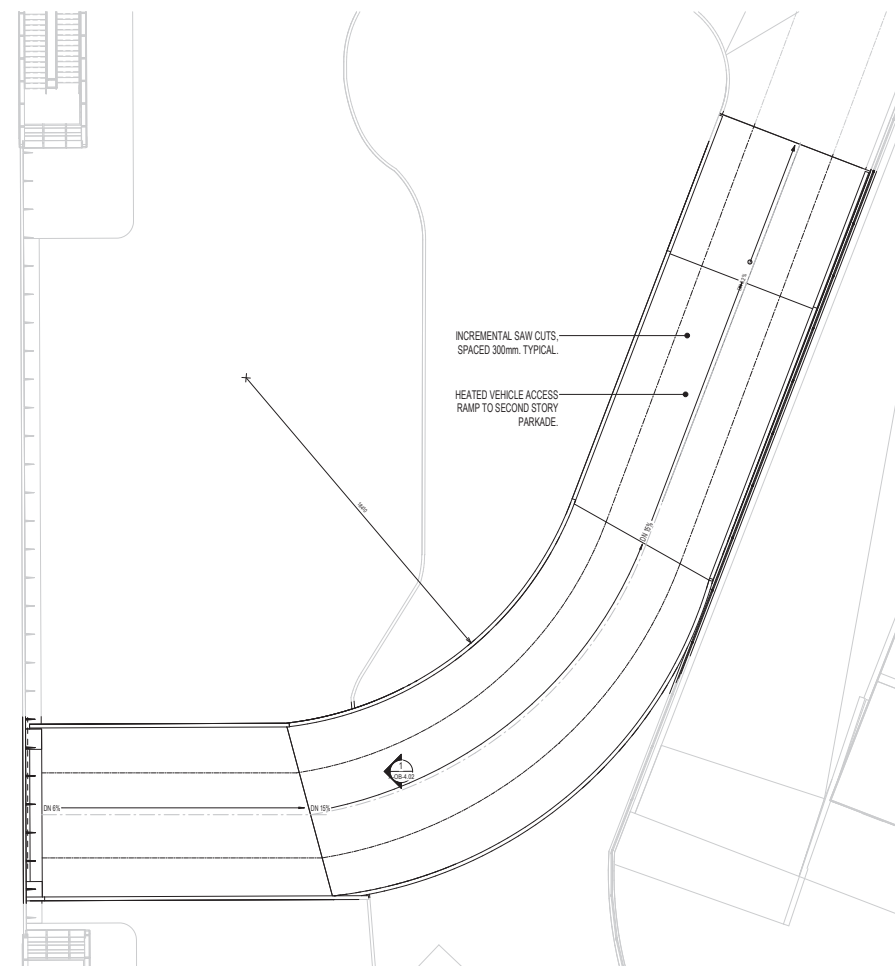
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DRAWING No. 182009-01 A-1.07
REV. No. A



3 PL
A-1.01 1:100



2 PLA
A-121 1:100



1 MA
A-121 1:100

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ARCHITECTURE 40

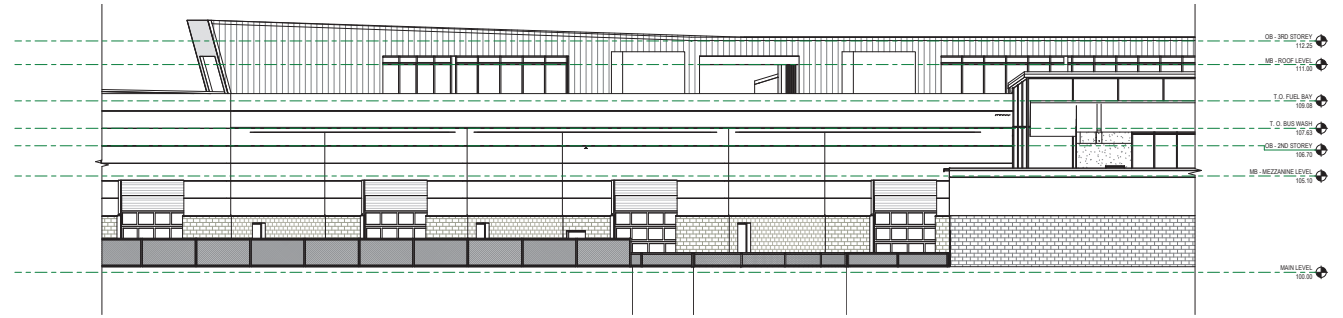
1075 WEST GEORGIA, SUITE 210
VANCOUVER, BRITISH COLUMBIA, CANADA V6E 3C1
Phone: 604.276.4300 | www.architectural.com



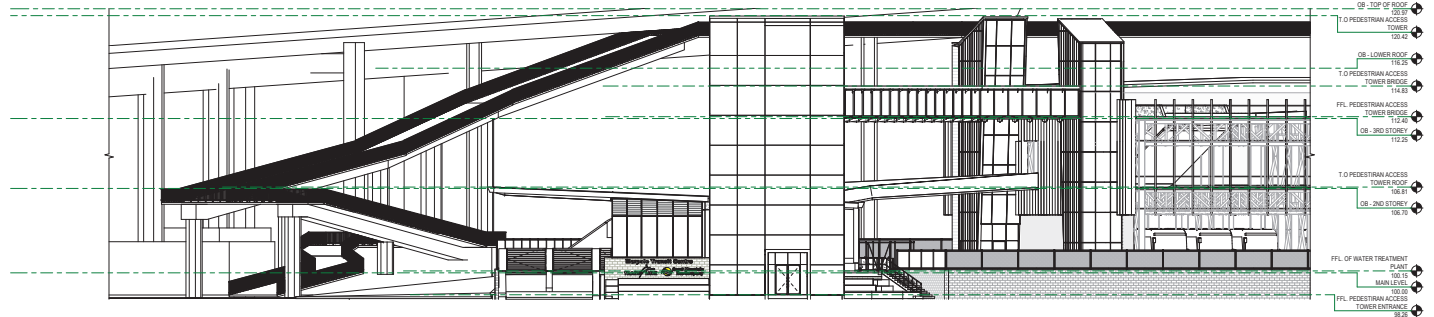
MARPOLE TRANSIT CENTRE
SITE PLANS - ENLARGED
RAMP PLANS

SCALE 1:100	DRAWING No. 182009-01 A-1.08
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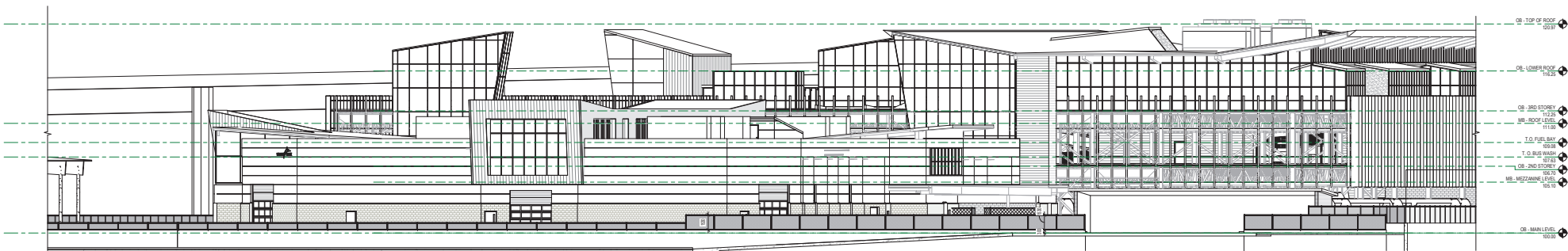
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2 DESIGN ELEVATION - HEATHER AVENUE - BUS EXIT
1:150



1 DESIGN ELEVATION - KENT AVENUE EMPLOYEE ENTRANCE
1:150



3 DESIGN ELEVATION - LAUREL AVENUE - BUS ENTRANCE & EXIT
1:150

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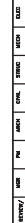


CONTRACT NO. 182009-01
MARPOLE TRANSIT CENTRE
SITE ELEVATIONS - DESIGN

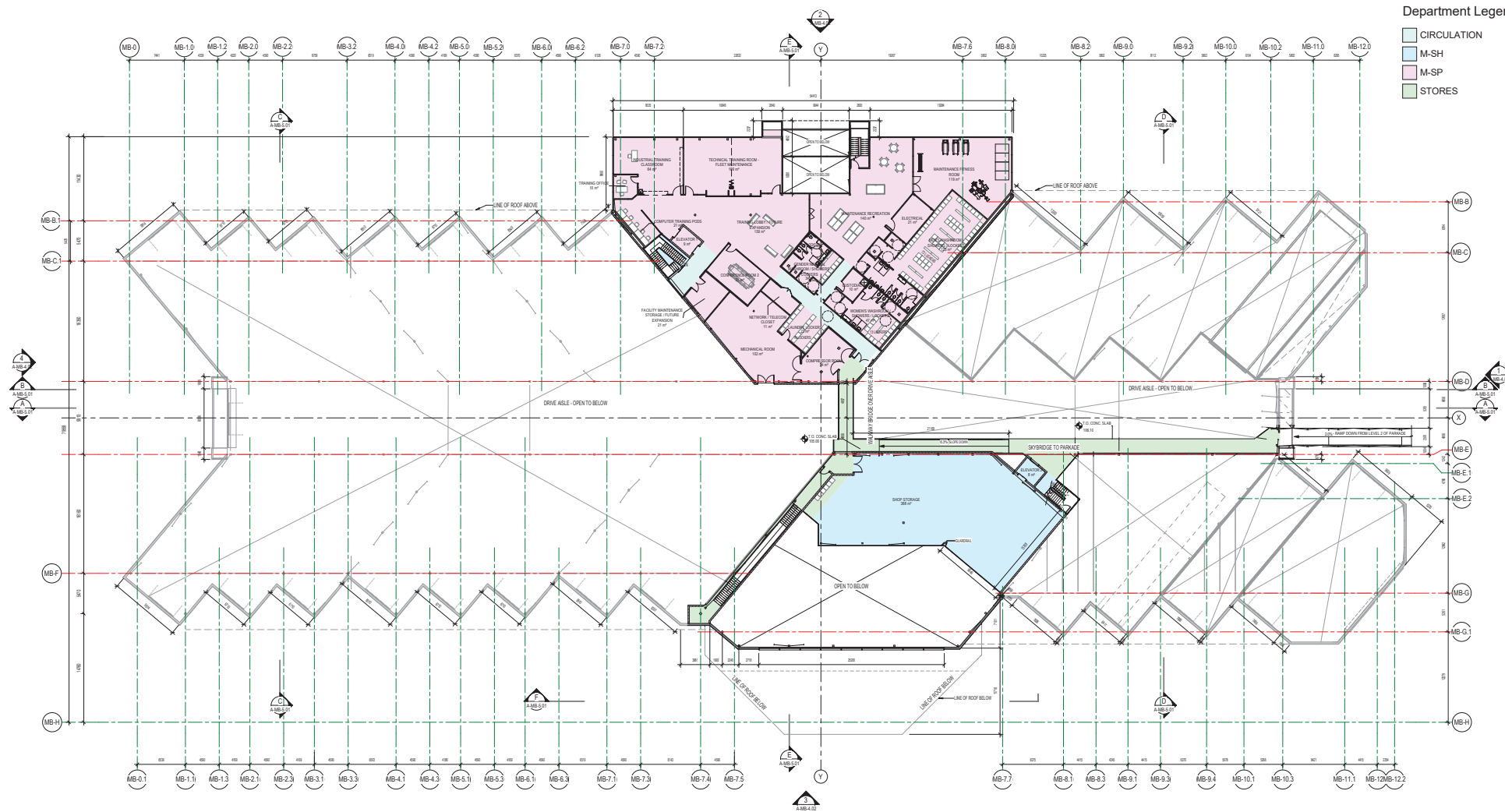
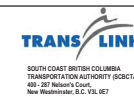
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REV. No. A



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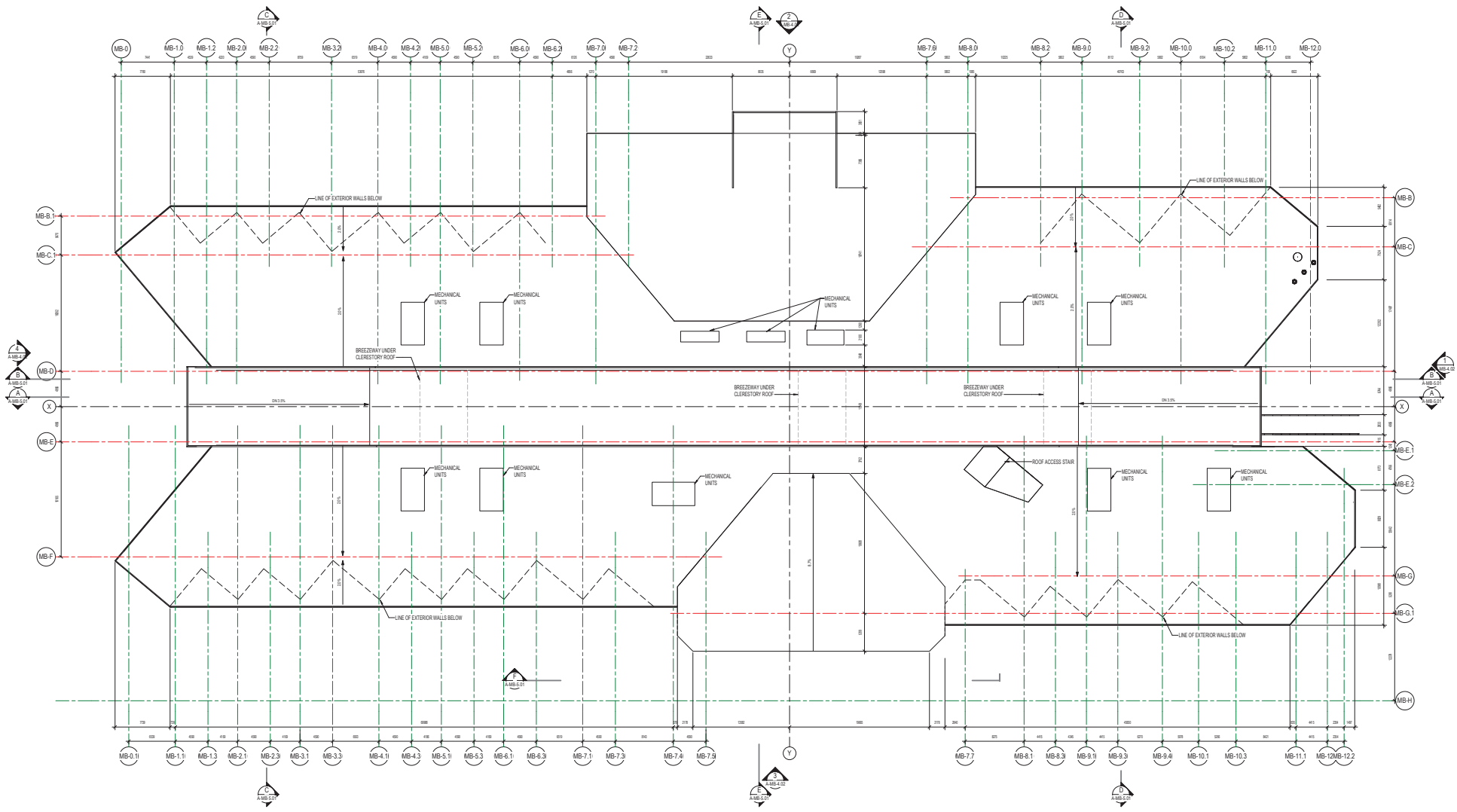


SCALE 1 : 200	DRAWING No. 182009-01 A-MB-2.01	REV. No. A
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MARPOLE TRANSIT CENTRE
GENERAL ARRANGEMENT
MAINTENANCE BUILDING
MEZZANINE LEVEL FLOOR

SCALE 1:200	DRAWING No. 182009-01 A-MB-2.02	REV. No. A
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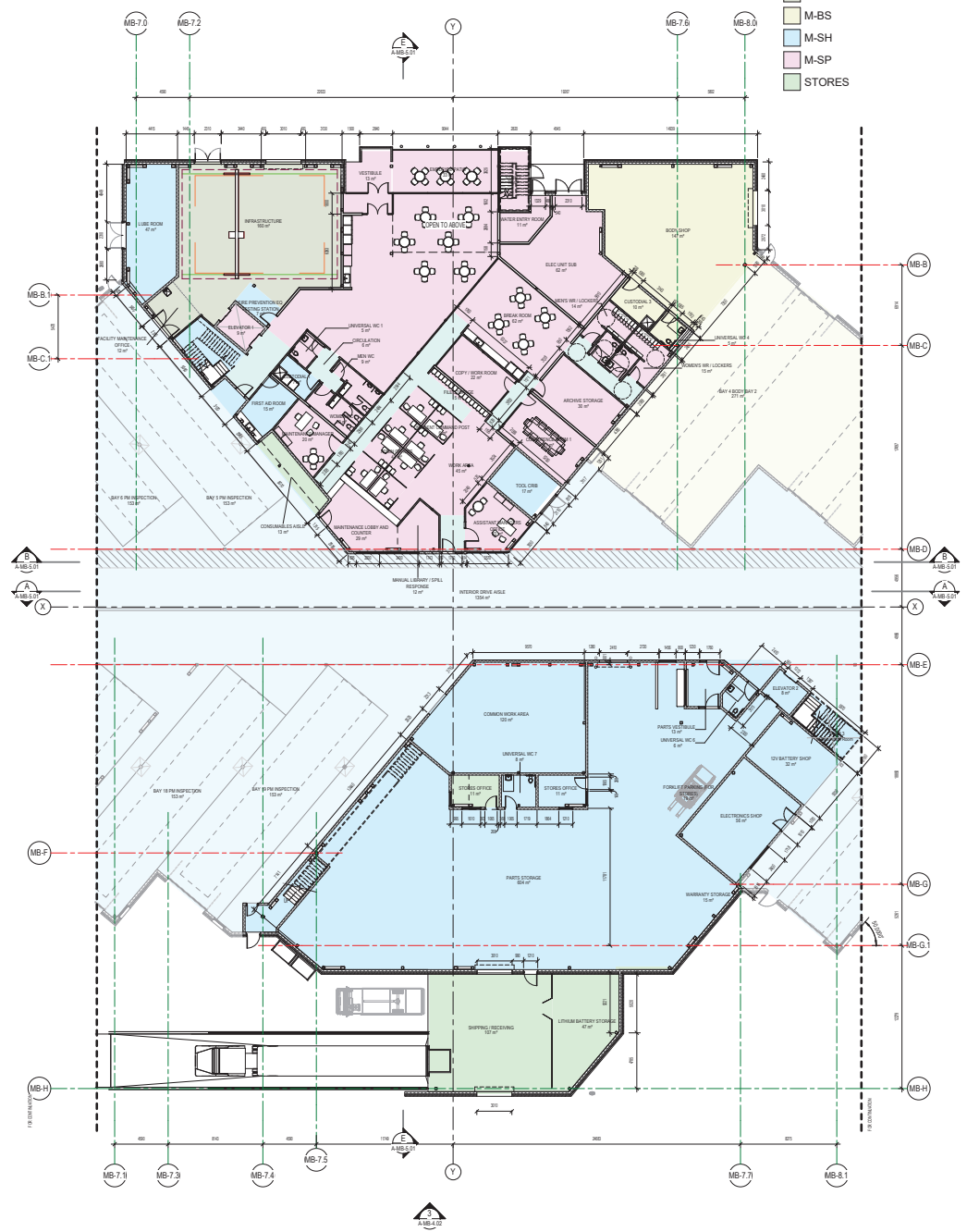
CONTRACT NO. 182009-01

MARPOLE TRANSIT CENTRE
MAINTENANCE BUILDING
ROOF LEVEL FLOOR PLAN

SCALE: 1:200
DRAWING No: 182009-01 A-MB-2.03
REV: No: A



- Department Legend
- CIRCULATION
 - INFRASTRUCTURE
 - M-B
 - M-SH
 - M-SP
 - STORES



1 PARTIAL PLAN - MAIN LEVEL
1:150

DESIGNED	DATE	REFERENCE DRAWING				REVISIONS				REVISIONS			
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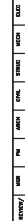
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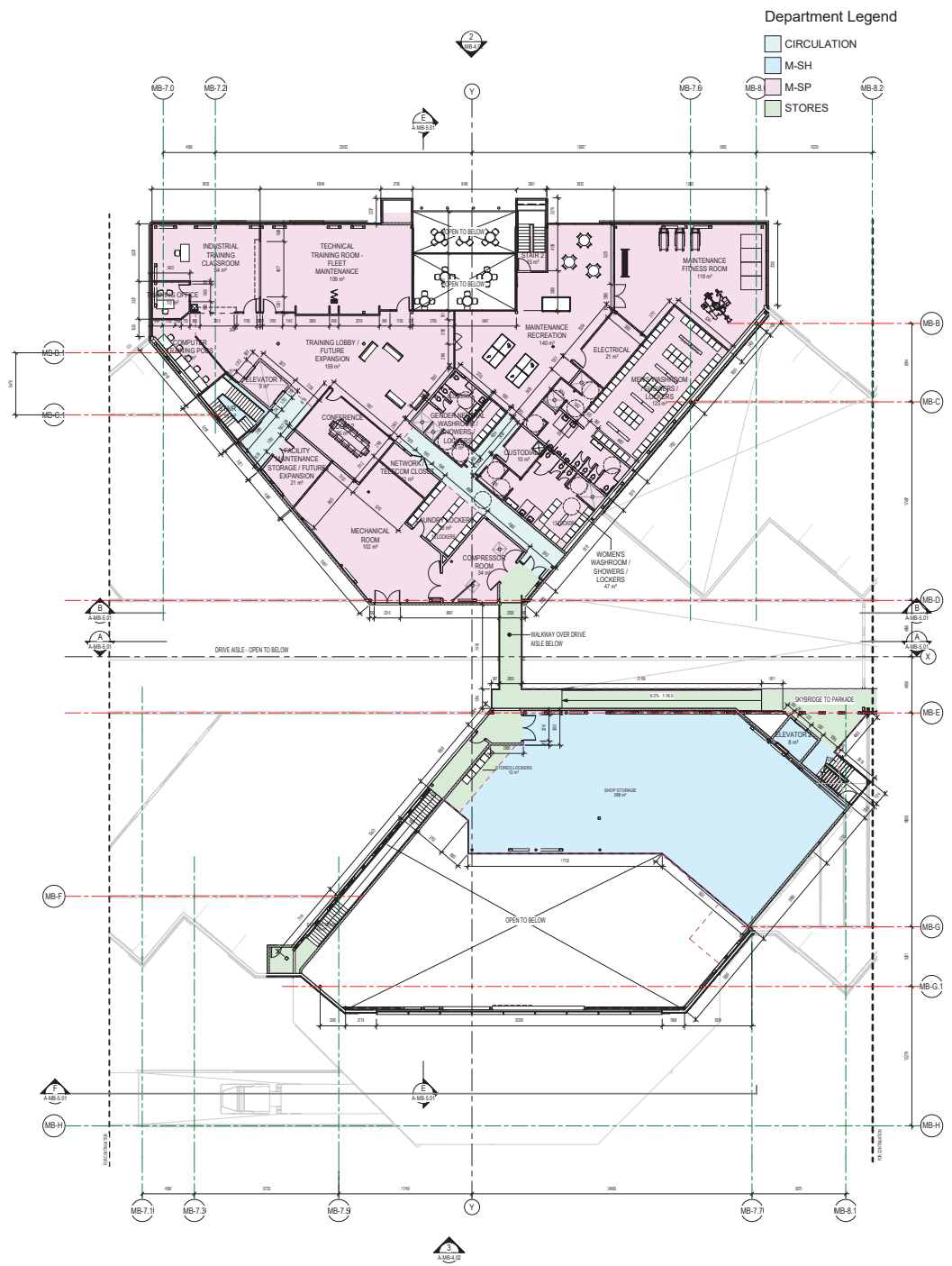


CONTRACT NO. 182009-01

MARPOLE TRANSIT CENTRE
MAINTENANCE BUILDING
MAIN LEVEL PARTIAL
PLAN CENTRAL

SCALE: 1:150
DRAWING NO: 182009-01 A-MB-2.04
REV: A





PARTIAL PLAN - MEZZANINE LEVEL
1/10 1:100

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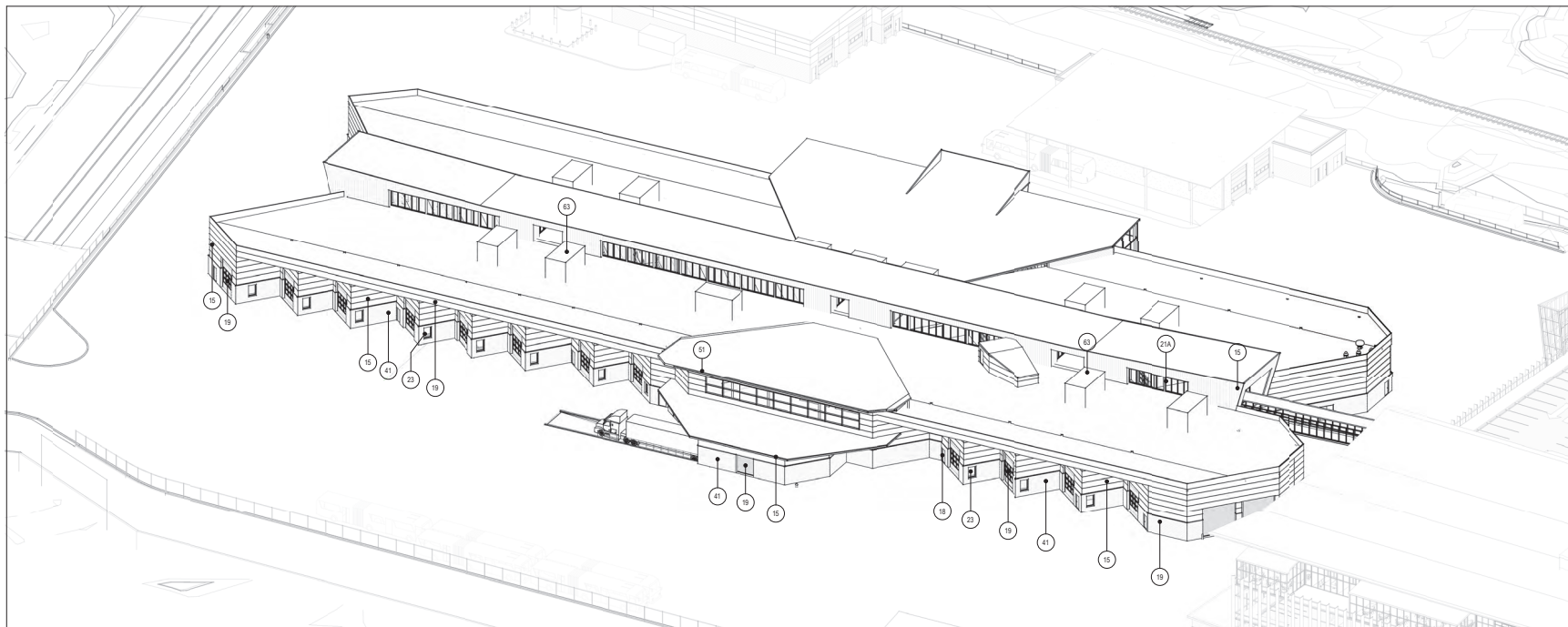
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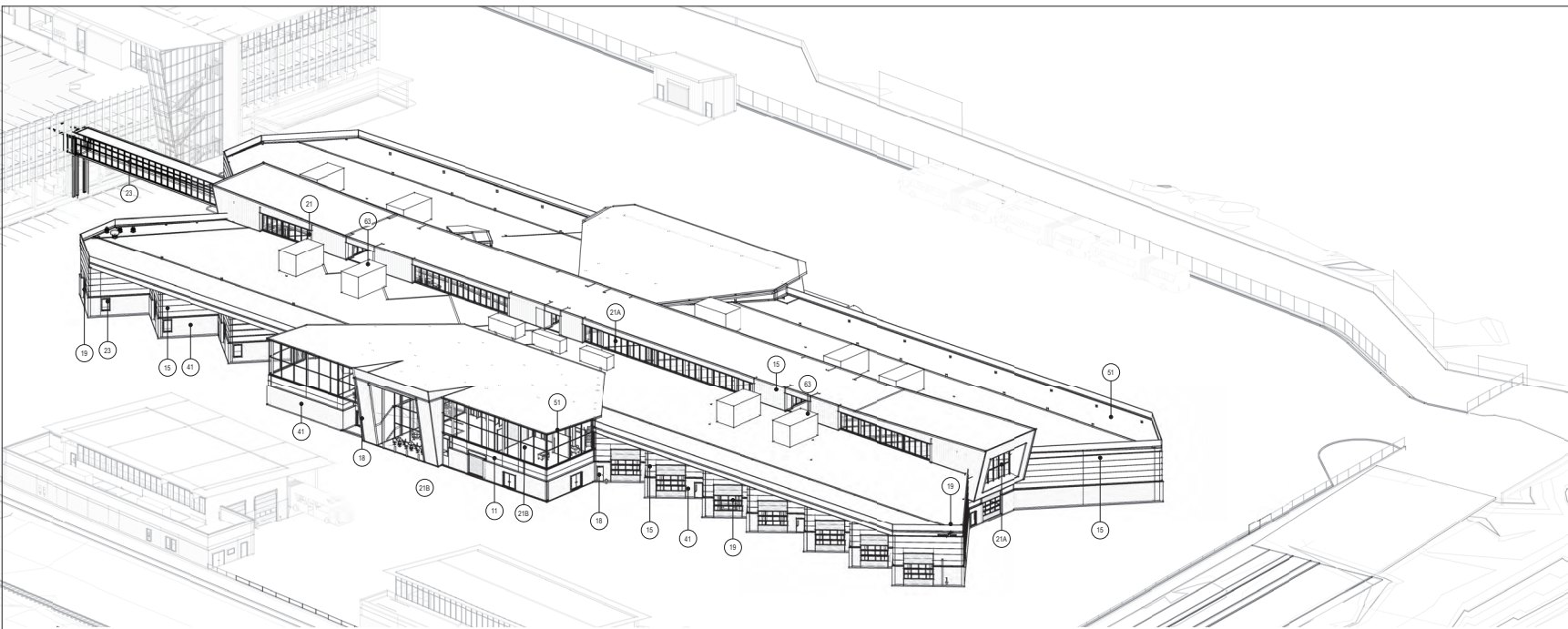
CONTRACT NO. 182009-01

MARPOLE TRANSIT CENTRE
MAINTENANCE BUILDING
MEZZANINE LEVEL
PARTIAL PLAN CENTRAL

SCALE: 1:100
DRAWING No: 182009-01 A-MB-2.06
REV: No: A



1 MAINTENANCE BUILDING - AXONOMETRIC FROM SOUTHEAST



2 MAINTENANCE BUILDING - AXONOMETRIC FROM NORTHWEST

- EXTERIOR FINISH MATERIAL LEGEND
- 01 WOOD TRIMMER STRUCTURE
 - 02 WOOD FINISHED GUTTER OR FASCIA
 - 03 INTERLOCKING PAINTED STEEL STRUCTURE
 - 04 PRE-FINISHED METAL HANDSCREEN PANELS
 - 05 PRE-FINISHED METAL CLADDING
 - 06 PAINTED PRE-FINISHED METAL CLADDING
 - 07 PAINTED PRE-FINISHED METAL CLADDING
 - 08 PAINTED METAL CLADDING FRAME
 - 09 PAINTED METAL OVERHEAD SERVICE DOOR w/ GLAZED PANELS AND FRAME
 - 10 PRE-FINISHED METAL OVERHEAD SERVICE DOOR
 - 11 ALUMINUM CURTAIN WALL SYSTEM - PRE-FINISHED DOUBLE GLAZED
 - 12 TRIMMED CURTAIN WALL SYSTEM - PRE-FINISHED DOUBLE GLAZED
 - 13 ALUMINUM OVERHEAD DOOR SYSTEM - PRE-FINISHED DOUBLE GLAZED
 - 14 ALUMINUM WINDOW - PRE-FINISHED DOUBLE GLAZED
 - 15 RUBBER CURTAIN OVERHEAD DOOR w/ GLAZED PANELS AND FRAME
 - 16 PAINTED METAL OVERHEAD DOOR w/ GLAZED PANELS AND FRAME
 - 17 ARCHITECTURAL CONCRETE BLOCK
 - 18 CAST IN PLACE CONCRETE
 - 19 ARCHITECTURAL CONCRETE BLOCK
 - 20 CAST IN PLACE CONCRETE
 - 21 CAST IN PLACE CONCRETE
 - 22 CAST IN PLACE CONCRETE
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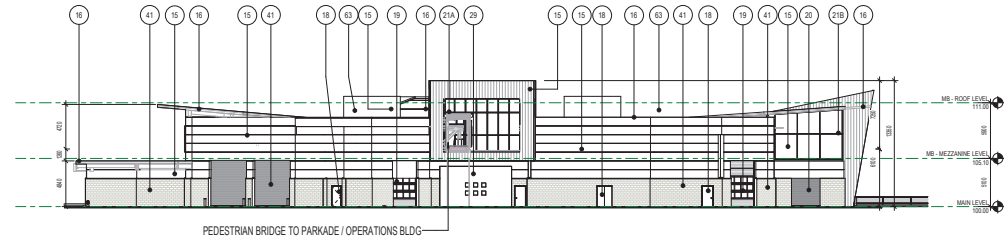
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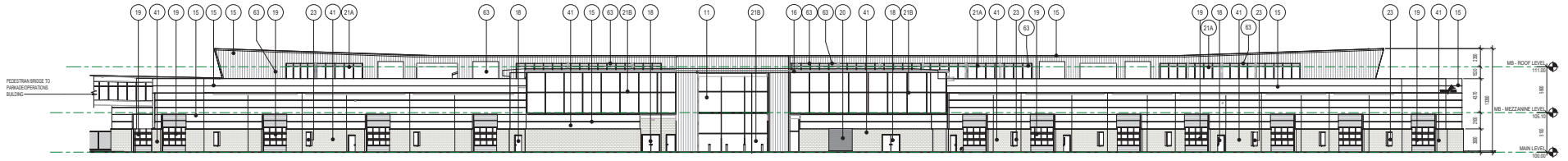
CONTRACT NO. 182009-01

MARPOLE TRANSIT CENTRE
MAINTENANCE BUILDING
3D

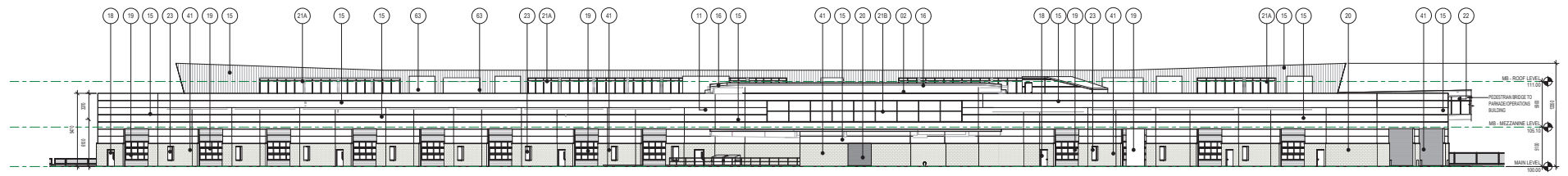
SCALE: 1 : 50
SHEET NO.: 182009-01 A-MB-4.01
REV. NO.: A



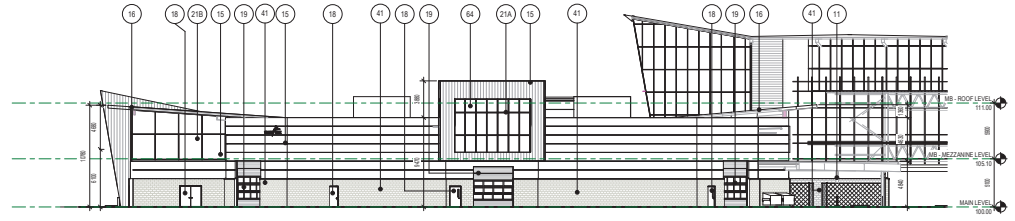
1 MAINTENANCE BUILDING - EAST ELEVATION
1:200



2 MAINTENANCE BUILDING - NORTH ELEVATION
1:200



3 MAINTENANCE BUILDING - SOUTH ELEVATION
1:200



4 MAINTENANCE BUILDING - WEST ELEVATION
1:200

EXTERIOR FINISH MATERIAL LEGEND	
02	WOOD FINISHED ROOF OR FACIA
03	INTERMEDIATE PAINTED STEEL STRUCTURE
15	PRE-FINISHED METAL RAINSCREEN PANELS
16	METAL FLASHERS
18	PAINTED METAL DOOR AND FRAME
19	PAINTED METAL OVERHEAD SERVICE DOOR AND FRAME
20	PRE-FINISHED HOLLING SERVICE DOOR
21A	ALUMINUM CURTAIN WALL SYSTEM - PRE-FINISHED DOUBLE GLAZED
21B	TIMBER CURTAIN WALL SYSTEM - PRE-FINISHED DOUBLE GLAZED
22	ALUMINUM STOREFRONT SYSTEM - PRE-FINISHED DOUBLE GLAZED
23	ALUMINUM WINDOW - PRE-FINISHED DOUBLE GLAZED
25	RUBBER CURTAIN OVERHEAD DOOR w/ GLAZED PANELS AND FRAME
41	ARCHITECTURAL CONCRETE BLOCK
63	MECHANICAL UNIT
64	BIRD FRIENDLY DESIGN (FRITTED GLASS)

CONTRACT NO. 182009-01

MARPOLE TRANSIT CENTRE
MAINTENANCE BUILDING
ELEVATIONS

DESIGNED	DATE	REFERENCE DRAWING		REVISIONS				REVISIONS			
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION	REV
DRAWN	DATE			2022.12.15	S.A.	ISSUED FOR DEVELOPMENT PERMIT	A				
CHECKED	DATE										
APPROVAL	DATE										

NOT FOR CONSTRUCTION

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TRANS LINK
SOUTH COAST BRITISH COLUMBIA
TRANSPORTATION AUTHORITY (SBCETA)
480-287 Nelson's Court
New Westminster, B.C. V3L 6E7

SCALE 1:200	DESIGN NO. 182009-01 A-MB-4.02	REV. NO. A
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