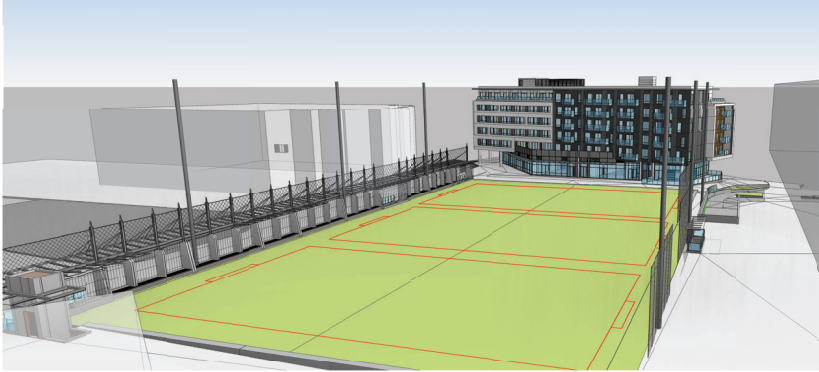


UBC MACINNES FIELD

6131-UNIVERSITY BLVD, UBC



DWG. List-McInnes	
Number	Name
A-00.00	COVER
A-0.01	GENERAL NOTES AND LEGENDS
A-0.02	ASSEMBLY & COLOR SCHEDULE
A-1.01	MacInnes Field site plan & context
A-1.02	Survey
A-1.03	Context grades & pictures
A-1.04	Trimming Station Diagram
A-2.01	Underground Parkade
A-2.02	PARKING NORTH - ENLARGED PLAN
A-2.03	PARKING SOUTH - ENLARGED PLAN
A-3.01	Field Level
A-3.02	TRELLIS PLAN
A-5.00	Sections-McInnes Field
A-5.01	Sections-McInnes Field
A-4.01	Column Concept
A-4.02	PERIMETER LINES
A-4.03	3d view EXTERIOR RAMP
A-4.04	3D VIEW SOUTH WEST
A-4.05	3D VIEW SOUTH EAST
A-7.01	Stair #1 & Stair #2
A-7.02	Room #1 & Stair #4

MacInnes-Field-Underground Parkade		
UNIT	Area (sq.m)	Area Classification
Parking MacInnes	4321 sq.m	Parking MacInnes
RAMP	125 sq.m	Entry Ramp
TOTAL	4321 sq.m	

PROJECT TEAM:

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Elevator Consultant Veritek Elevator Services Inc. Ray DeMeyer 604-647-4950 rdemeyer@veritekconsulting.com	
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ISSUED FOR DEVELOPMENT PERMIT
NOVEMBER 15TH, 2018



PROJECT NOTES:

1. ALL DRAWINGS ARE THE PROPERTY OF GBL ARCHITECTS INC. AND ARE TO BE RETURNED UPON REQUEST.
2. ALL DESIGN, CONCEPTS AND OTHER INFORMATION SHOWN ON THESE DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND SHALL NOT BE USED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF GBL ARCHITECTS INC.
3. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND VERIFY THAT THE INFORMATION AND DIMENSIONS ARE MATCHED DURING CONSTRUCTION. ALL VARIATIONS BETWEEN THE ARCHITECTURAL PLANS AND/OR OTHER CONSULTANT PLANS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE PROJECT PRINTER TO PRECEDE WITH THE WORK. CONFORMANCE WILL NOT BE MADE BECAUSE OF FAILURE TO MAKE PROPER SITE INVESTIGATIONS AND/OR FAILURE TO REPORT DISCREPANCIES TO THE CONSULTANT TEAM PRIOR TO FENDER LOGGING OR CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE START OF CONSTRUCTION, THE PLACEMENT AND ELEVATION OF SIDEWALKS, CURBETS, CURBS, LOCATION OF EXISTING AND FUTURE INTERFURROPS OR DEPRESSIONS AS WELL AS THE LOCATION AND ELEVATION OF ALL SERVICE LINES AND ALL OTHER UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND ELEVATION OF ALL SERVICE LINES AND ALL OTHER UTILITIES.
6. GENERAL CONTRACTOR AND SUB-CONTRACTORS ARE TO READ ALL ARCHITECTURAL DRAWINGS IN CONJUNCTION WITH ALL SUB-CONSULTANT DRAWINGS AND SPECIFICATIONS.
7. GENERAL CONTRACTOR TO EMPLOY PROFESSIONAL ENGINEER, REGISTERED TO PRACTICE IN THE PROVINCE OF BRITISH COLUMBIA, TO DESIGN ALL STRUCTURAL AND MECHANICAL AND ELECTRICAL SYSTEMS AND TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS.
8. GENERAL CONTRACTOR TO REVIEW CONTRACTOR AND SUB-CONTRACTOR IN WRITING, UPON COMPLETION, THAT THE COMPLETED INSTALLATION IS IN ACCORDANCE WITH THE SAME DRAWINGS AND AS LATEST REVISIONS.
9. ALL GARDENS & RAILINGS TO BE DESIGNED BY SITEE ARCHITECTS TO CONFORM WITH THE LATEST EDITION OF THE B.C. BUILDING CODE & MUNICIPAL BYLAWS AND TO BE DESIGNED TO MEET THE REQUIREMENTS OF THE BRITISH COLUMBIA FIRE DEPARTMENT AND THE BRITISH COLUMBIA FIRE CODE. THE SAME ENGINEER IS TO REVIEW THE COMPLETED INSTALLATION AND CERTIFY THAT THE COMPLETED INSTALLATION IS IN ACCORDANCE WITH THE SAME DRAWINGS AND AS LATEST REVISIONS.
10. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL SATISFY THEMSELVES THAT ALL DIMENSIONS, DATUMS AND DETAILED INFORMATION AND SPECIFICATIONS ARE CORRECT AND ACCURATE.
11. GENERAL CONTRACTOR TO REVIEW ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND FINISHING DESIGN DRAWINGS FOR ALL OPENINGS THROUGH FLOORS, WALLS AND ROOFS TO REFLECT TO STRUCTURAL DETAILS FOR OPENING FRAMES AND REINFORCING.
12. GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS AND EQUIPMENT TO PROTECT EXISTING STRUCTURES AND FIRE SEPARATION.
13. GENERAL CONTRACTOR TO COORDINATE AND PROVIDE ALL SLOE BLOCKS WITHIN THE WALL AND CEILING AREAS TO SUPPORT SUPPORT MOUNTED FIXTURES, APPLIANCES, HANDRAILS & SINKS.

[illegible]

REVISONS		
NO.	DATE	DESCRIPTION
01 - 17		PREVIOUSLY ISSUED FOR MACINNES PARKADE DEVELOPMENT PERMIT AND BP
18	NOV 15 2018	ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC REALM)

MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

GENERAL NOTES AND LEGENDS

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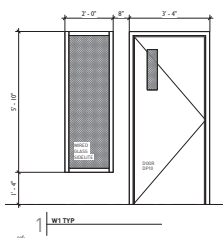
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WALL ASSEMBLIES - CONCRETE-MACINNES FIELD					
TYPE	PLAN	ASSEMBLY BUILD-UP	MINIMUM EFFECTIVE R-VALUE	FRR	STC
C1		EXTERIOR CONCRETE WALL - BELOW GRADE BLINDFORMED SHOTCRETE RETAINING WALL USE SHOTCRETE DRAINAGE DRAINAGE MAT WITH INTERNAL FILTER CLOTH PREPREFUR 250 OR BESTONITE HOPE COMPOSITE WATERPROOFING LAYER C.I.P. CONCRETE WALLS AS PER STRUCT CONTROL JOINTS @ 15' O.C. 2 COATS OF WHITE PAINT PER CPTED REQUIREMENTS NOTE: IF WALLS ARE SHOTCRETE, USE PREPREFUR 140R OR PREPREFUR FLEX DRAINAGE MAT MUST MATCH WATERPROOFING SYSTEM ASSEMBLY. CONFIRM ASSEMBLY WITH MANUFACTURER	N/A	2 Hr Conc. Wall	N/A
C1B		EXTERIOR CONCRETE WALL - BELOW GRADE CAST IN PLACE (2 SIDED) CLEAR CRUSH GRAVEL BACKFILL (SEE SPECIFICATIONS) DRAINAGE MAT WITH INTERNAL FILTER CLOTH 1 PLY TORCH ON SBS MEMBRANE (DOLPHINE 3000 OR EQUIVALENT) C.I.P. CONCRETE WALLS AS PER STRUCT CONTROL JOINTS @ 15' O.C. 2 COATS OF WHITE PAINT PER CPTED REQUIREMENTS	N/A	2 Hr Conc. Wall	N/A
C2		Exterior Concrete Wall - Above Grade VAPOR PERMEABLE ELASTOMERIC PAINT MEMBRANE C.I.P. CONCRETE WALLS AS PER STRUCT. BACKED FINISH SEE DRAWINGS FOR INTERIOR WALL FURRING OR FINISH	N/A	2 Hr Conc. Wall	N/A
C3		Concrete Block Wall 8" (203mm) Concrete Block, Refer to Structural Depts for Reinforcing.	N/A	2 Hr Conc. Wall	N/A
C4		INTERIOR CONCRETE WALL SEE DRAWINGS FOR INTERIOR WALL FURRING OR FINISH C.I.P. CONCRETE WALLS AS PER STRUCT. BACKED FINISH SEE DRAWINGS FOR INTERIOR WALL FURRING OR FINISH	N/A	2 Hr Conc. Wall	N/A

FLOOR ASSEMBLIES-MacInnes					
TYPE	SECTION	ASSEMBLY BUILD-UP	MINIMUM EFFECTIVE R-VALUE	FRR	STC
F1		Suspended Slab - Non-Insulated 2" CLEAR RIVER ROCK BALLAST HOT RUBBER WATERPROOFING MEMBRANE OR 1 PLY SBS MEMBRANE TORCH ON C.I.P. Reinforced Concrete Slab as per Structural Depts. PAINTED CEILING FINISH (PATCH AND GRIND AS NECESSARY)	N/A	2 Hr Conc. Slab	N/A
F2		Suspended Slab - Insulated NOT USED		2 Hr Conc. Slab	N/A
F3		Suspended Slab - Loading Bay & Vehicle Ramp Entry 1" (25mm) Hot Rolled Reinforced Concrete Topping as per Structural Depts. Topping to be herringbone pattern Over Max Depth Drain 7000 or Approved Equivalent 2-Ply SBS Waterproof Membrane or Hot Rubber Membrane; C.I.P. Reinforced Concrete Slab as per Structural Depts. Slugged to Trench Drain (B to Max)	N/A	2 Hr Conc. Slab	N/A
F4		Suspended Slab - on grade - parkade 1" (25mm) Hot Rolled Reinforced Concrete Topping as per Structural Depts. C.I.P. Reinforced Concrete Slab as per Structural Depts. Slugged 2% min. to drain (must be confirmed on site). Play layer (surface with B.E.P.) 6" (150mm) min. Compacted granular fill refer to structural & geotechnical reports for underdrain, sub-base preparation	N/A	2 Hr Conc. Slab	N/A

ROOF ASSEMBLIES-MacInnes					
TYPE	PLAN	ASSEMBLY BUILD-UP	MINIMUM EFFECTIVE R-VALUE	FRR	STC
R1		FIELD Assembly 2.3" (58mm) Artificial Turf System (As per field consultant) 2.3" (58mm) Polypropylene PAV (As per field consultant) 2.12" (53mm) Permeable Aggregate Top course 1.18" (30mm) permeable Aggregate Base course PROTECTION BOARD OR DRAIN MAT OVER THE ROOFING MEMBRANE HOT RUBBER WATERPROOFING MEMBRANE AT FIELD OR 2 PLY SBS MEMBRANE TORCH ON AT FIELD OR 3 PLY SBS MEMBRANE AT HARDSCAPING OR ROADWAY C.I.P. Reinforced Concrete Slab as per Structural Depts. PAINTED CEILING FINISH (PATCH AND GRIND AS NECESSARY) Electronic Leak detection scan prior to assembly build up Electronic leak detection system installed prior to overburden		2 Hr Conc. Slab	N/A
R2		Stairs Roof-Suspended Slab - Non-Insulated Permeable Filter Fabric 1/2" Composite Drain Board HOT RUBBER WATERPROOFING MEMBRANE AT FIELD OR 2 PLY SBS MEMBRANE TORCH ON AT FIELD OR 3 PLY SBS MEMBRANE AT HARDSCAPING OR ROADWAY C.I.P. Reinforced Concrete Slab as per Structural Depts. PAINTED CEILING FINISH (PATCH AND GRIND AS NECESSARY) Electronic Leak detection scan prior to assembly build up		2 Hr Conc. Slab	35+
R3		Pavers on Fill-Over-Suspended Slab - Non-Insulated Concrete Pavers (As per Landscape drawing) Compacted Free Draining R3 (As per Landscape Drawing) Permeable Filter Fabric 1/2" Composite Drain Board HOT RUBBER WATERPROOFING MEMBRANE AT FIELD OR 2 PLY SBS MEMBRANE TORCH ON AT FIELD OR 3 PLY SBS MEMBRANE AT HARDSCAPING OR ROADWAY C.I.P. Reinforced Concrete Slab as per Structural Depts. PAINTED CEILING FINISH (PATCH AND GRIND AS NECESSARY) Electronic Leak detection scan prior to assembly build up Electronic leak detection system installed prior to overburden		2 Hr Conc. Slab	N/A

DOOR SCHEDULE-Machines underground Parkade																
DOOR No.	FROM ROOM	TO ROOM	DOOR				FRAME				FLOOR	DOOR CLOSURE	THRESHOLD	WEATHER STOP	HARDWARE	COMMENTS
			TYPE	WIDTH	HEIGHT	MANUAL	INSULATION	GLAZING TYPE	GLAZING	MANUAL						
UNDERGROUND PARKING - MACINNES FIELD																
DP01	ELEV. NORTH	STAIRW	NL	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	EXIT LOCK
DP02	ELEV. NORTH	PARKING	NL	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	EXIT LOCK
DP03	PARKING	ELEV. MACHINE	NL	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	EXIT LOCK
DP04	VESTIBULE	MAIN COMM	F	0.91	2.13	HM	PTD	-	-	PSF	PTD	1.9w	YES	-	-	STAIR RM LOCK
DP05	VESTIBULE	MAIN ELEC.	F	0.91	2.13	HM	PTD	-	-	PSF	PTD	1.9w	YES	-	-	STAIR RM LOCK
DP06	PARKING	VESTIBULE	F	0.91	2.13	HM	PTD	-	-	PSF	PTD	1.9w	YES	-	-	STAIR RM LOCK
DP07	PARKING	STAIRW	NL	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	STAIR RM LOCK
DP08	SERVICE - 3	PARKING	F	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	STAIR RM LOCK
DP09	ELEV. SOUTH	ELEV. MACHINE	F	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	EXIT LOCK
DP10	PARKING	ELEV. MACHINE	F	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	EXIT LOCK
DP11	PARKING	SERVICE-2	F	0.91	2.13	HM	PTD	-	-	PSF	PTD	1.9w	YES	-	-	STAIR RM LOCK
DP12	PARKING	SERVICE - 1	F	0.91	2.13	HM	PTD	-	-	PSF	PTD	1.9w	YES	-	-	STAIR RM LOCK
DP13	PARKING	STAIRW	NL	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	EXIT LOCK
DP14	PARKING	STAIRW	NL	0.91	2.13	HM	PTD	WGL	-	PSF	PTD	1.9w	YES	-	-	EXIT LOCK



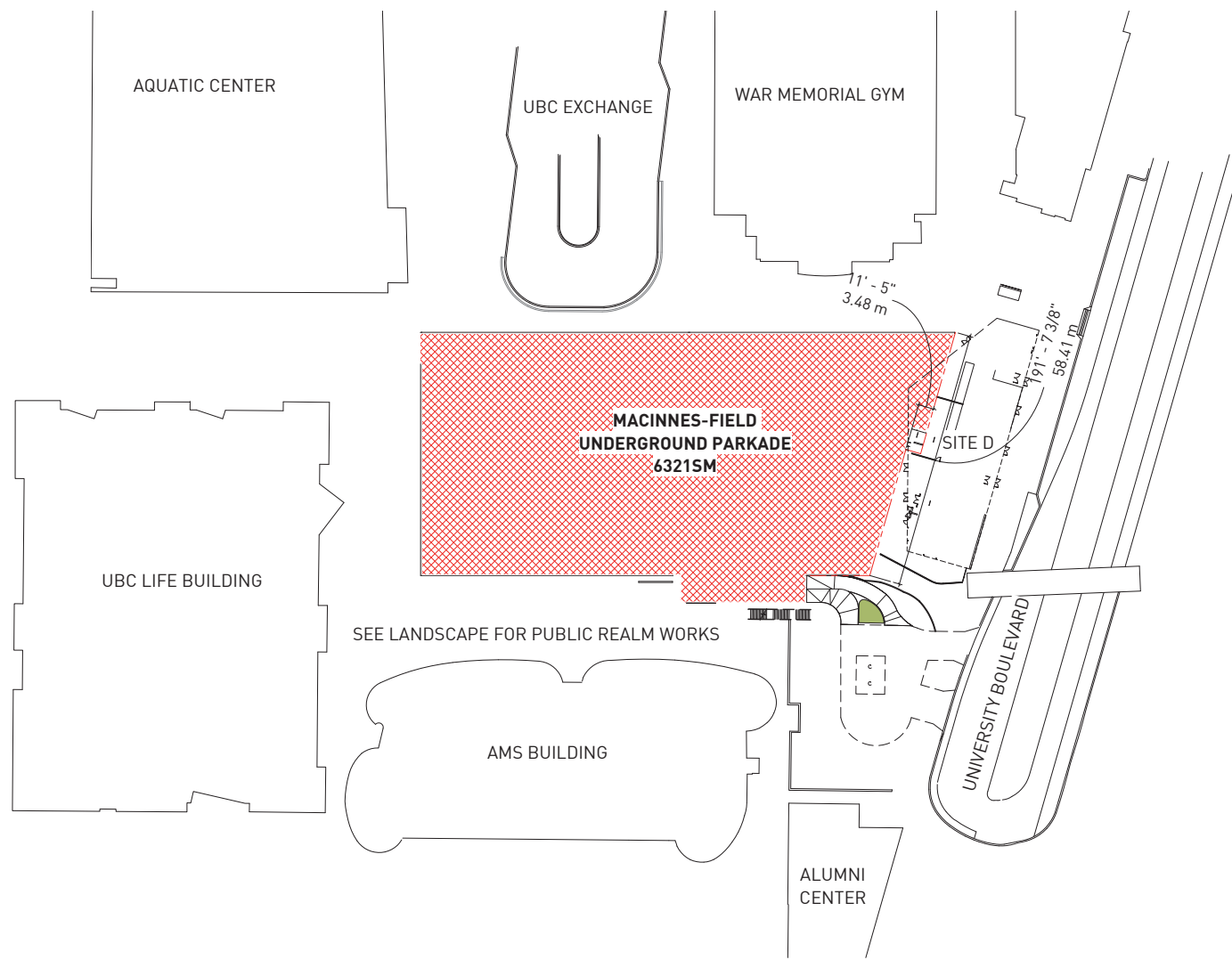
DOOR TYPE LEGEND:									
DOOR TYPES:									
VARIES SEE SCHEDULE	VARIES SEE SCHEDULE	VARIES SEE SCHEDULE	VARIES SEE SCHEDULE	VARIES SEE SCHEDULE	VARIES SEE SCHEDULE	VARIES SEE SCHEDULE	VARIES SEE SCHEDULE	VARIES SEE SCHEDULE	VARIES SEE SCHEDULE
F	FL	FLO	HL	NL	VL	LV			
G	SW	SM	SN						
*Where glazing is noted (GL) see door schedule for glazing type									
FRAME TYPES:									
2" EACH SIDE + DOOR	2" EACH SIDE + DOOR	2" EACH SIDE + DOOR	2" EACH SIDE + DOOR	2" EACH SIDE + DOOR	2" EACH SIDE + DOOR	2" EACH SIDE + DOOR	2" EACH SIDE + DOOR	2" EACH SIDE + DOOR	2" EACH SIDE + DOOR
1	2	3	4	5					
SCHEDULE ABBREVIATIONS:									
ALUM	ALUMINUM	DIVIDED FULL LITE	HM	INSULATED HOLLOW METAL	MTL	METALS	PRV	PRIVACY LATCH SET	SW
AND	ANODIZED	GLASS	LV	LOUVER	OWH	NARROW LITE	PTD	PAINTED	TS
BR	BRAZED	GLAZING	MTL	LAMINATED SAFETY GLASS	OWH	OVERHEAD	SCW	SLOTTED LATCH SET	WG
ELEC	ELECTRIC	HOLLOW CORE WOOD	NL	NARROW LITE	PH	PANIC HARDWARE	SN	SOLID CORE WOOD	
EM	ELECTROMAGNETIC	HALT LITE	NL	NARROW LITE	PH	PANIC HARDWARE	SN	STYLE MEDIUM	
F	FLUSH	HOLLOW METAL	OWH	OVERHEAD	PH	PANIC HARDWARE	SN	STYLE NARROW	
FL	FULL LITE	HARDWARE	PH	PANIC HARDWARE	PH	PANIC HARDWARE	SN	STYLE NARROW	
					PSI	PASSAGE LATCH SET	ST	STEEL	

REVISIONS	DATE	DESCRIPTION
01 - 17		PREVIOUSLY ISSUED FOR MACINNES PARKADE DEVELOPMENT PERMIT AND IP
18	NOV 15 2018	ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC REALM)

MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

ASSEMBLY & DOOR SCHEDULE

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SCALE	As indicated
JOB NUMBER	17071



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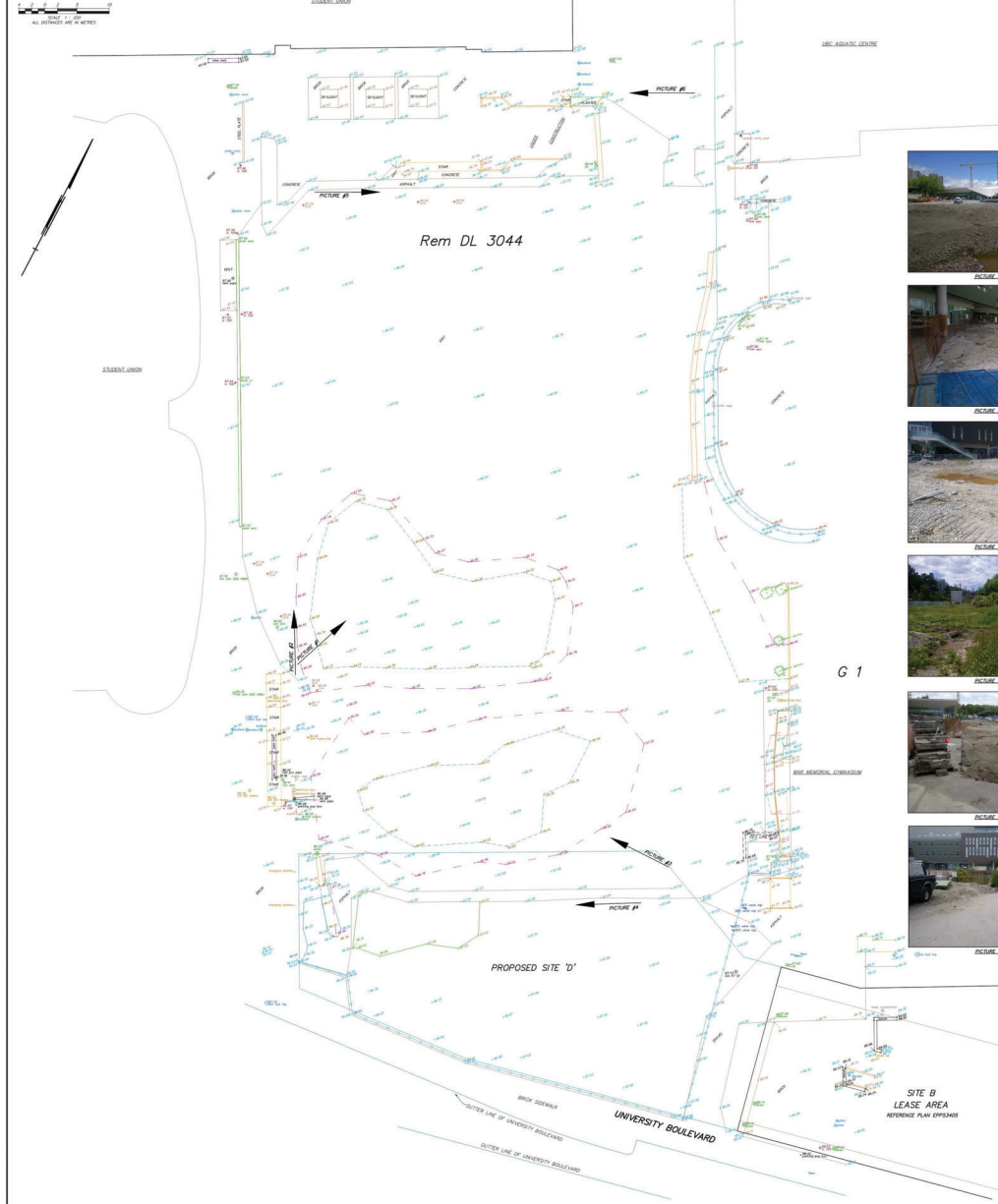
MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

MacInnes field-site
plan & context

DATE 11/15/2018 11:02:33 AM
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SCALE 1:400
JOB NUMBER 17071

1 Site Plan
1:400

SKETCH PLAN SHOWING PROPOSED SITE 'D'
DISTRICT LOT 3044, GROUP 1, NEW WESTMINSTER DISTRICT EXCEP
FIRSTLY; PART ON PLAN 6147
SECONDLY; PART ON PLAN 9301
THIRDLY; PART ON PLAN BCP6556
FOURTHLY; PART ON PLAN BCP23719
UNIVERSITY OF BRITISH COLUMBIA



NOTES :
ALL ELEVATIONS AND DISTANCES SHOWN ARE IN METRES.
ELEVATIONS ARE DERIVED FROM BRISBANE M-H-E LOCATIONS
ON EAST MALL FRONT OF THE CMC BUILDING (BETWEEN
AGRICULTURE ROAD AND UNIVERSITY BOULEVARD)
GEODESIC ELEVATION = 10.617
THIS PLAN SHOWS THE LOCATION OF VISIBLE FEATURES ONLY, AND DOES
NOT INDICATE BURIED SERVICES THAT MAY EXIST ON OR AROUND THE
SUBJECT SITE.
TREE SPECIES AND DIMENSIONS SHOULD BE CONFIRMED BY A QUALIFIED
PERSON. TREE SYMBOLS ARE NOT AN INDICATION OF DRIP LINE LOCATION
UNLESS SPECIFICALLY LABELLED.

 **MURRAY & ASSOCIATES**
PROFESSIONAL LAND SURVEYORS
20-12448 82nd AVENUE
SURREY, BC V3W 3E9
(604) 597-9989

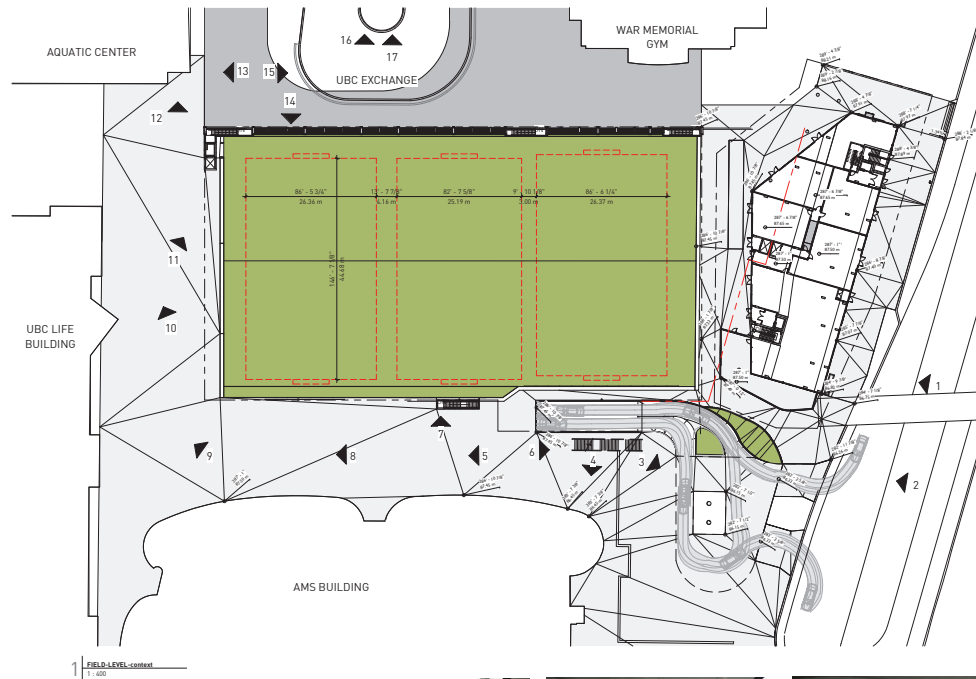
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REVISIONS		
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08	NOV 15 2018	ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC REALM)

MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

Survey

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SCALE	
JOB NUMBER	17071

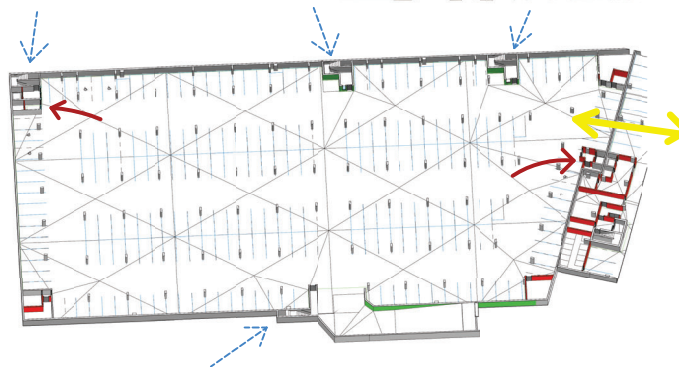
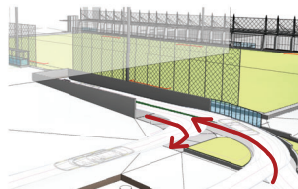
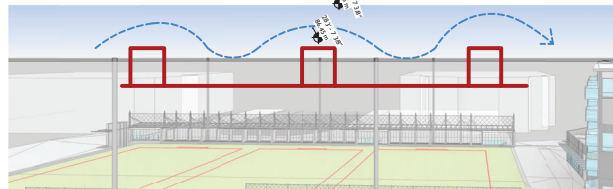
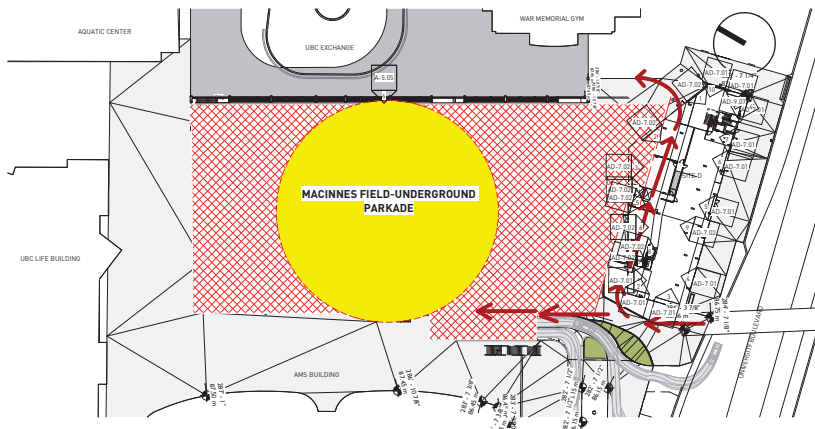


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MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

Context-grades & pictures

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DESIGN RATIONALE

MacInnes field parking is surrounded by five buildings and a bus loop, this generates an important flow of pedestrians in all directions. The field will be the center of the open space, hosting, sports events, social activities, plaza, "the place to gather".

Two important pedestrian circulation paths were generated, one is in between south side of MacInnes field and site D. running from East to West, and the other circulation path is from north to south in between MacInnes field and the parking Entry ramp.

The exit stairs from the parkade were located at the east side, aligning the concrete seat and trellis structure. These openings / interruptions will break the monotony of the seat area creating a dynamic feel. The trellis will cover part of the pedestrian path at the other side of the field (east side) for pedestrians leaving the bus loop area.

The entry ramp to the parkade is located at the south west corner which is the most effective location to mitigate pedestrian interaction. Measures to maximize vehicular flow include making the surface material of the ramp distinguishable from the rest of the paving surface as this will improve legibility and circulation hierarchy. Pedestrians will also be directed along other paths of travel not crossing the entrance to minimize interference.

The rectangular shape of the parking allows for efficiency of the space, and generates a maximum number of parking stalls and an easy arrangement for the field on top.

At the south side of the MacInnes parking we will allow for a future possibility of connection with the site D parkade through the use of a concrete knock-out panel

The parking counts with multiple pedestrian emergency exits with a travel distance less than 45m from the farthest distance. It also relies on two elevators; one at the north east portion and one at the south for accessibility. With this rationale we promote the participation of people with disabilities.

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MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

Design Rationale

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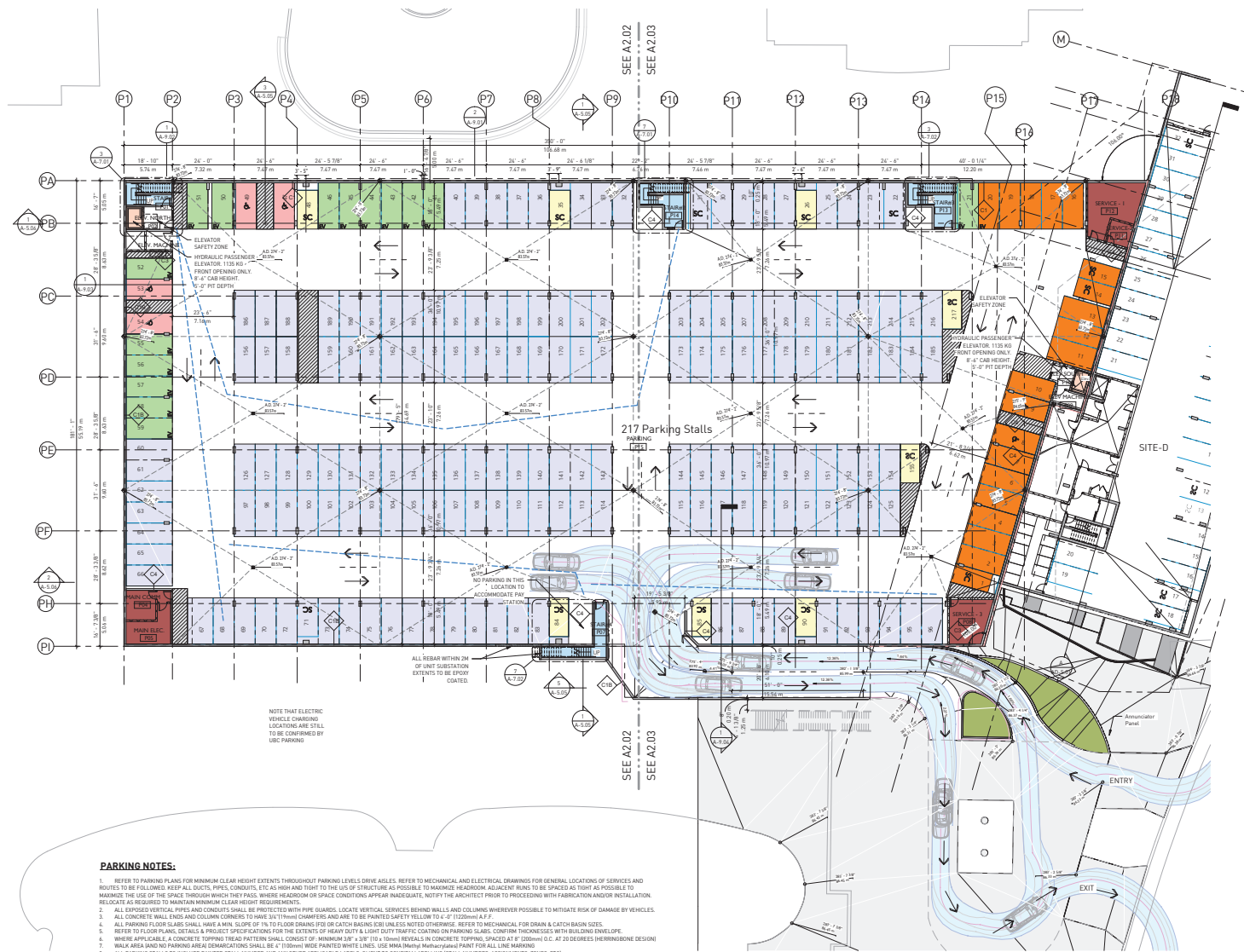


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MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

Turning Radius Diagram

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CHECKED BY Checker
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JOB NUMBER 17071



PARKING NOTES:

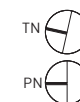
1. REFER TO PARKING PLANS FOR MINIMUM CLEAR HEIGHT EXTENTS THROUGHOUT PARKING LEVELS DRIVE ASILES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR GENERAL LOCATIONS OF SERVICES AND ROUTES TO BE FOLLOWED. KEEP ALL DUCTS, PIPES, CONDUITS, ETC AS HIGH AND TIGHT TO THE USE OF STRUCTURE AS POSSIBLE TO MAINTAIN HEADROOM. ADJACENT ROOMS TO BE SPACED AS TIGHT AS POSSIBLE TO MAXIMIZE THE USE OF THE SPACE THROUGH WHICH THEY PASS. WHERE HEADROOM OR SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH FABRICATION AND/OR INSTALLATION. RELOCATE AS REQUIRED TO MAINTAIN MINIMUM CLEAR HEIGHT REQUIREMENTS.
2. ALL EXPOSED VERTICAL PIPES AND CONDUITS SHALL BE PROTECTED WITH FIRE GUARDS. LOCATE VERTICAL SERVICES BEHIND WALLS AND COLLINGS WHEREVER POSSIBLE TO MITIGATE RISK OF DAMAGE BY VEHICLES.
3. ALL CONCRETE WALL ENDS AND COLUMN CORNERS TO HAVE 3/16" THIN CHAMFERS AND ARE TO BE PAINTED SAFETY YELLOW 10 x 4" (1200mm) x 4" x 2".
4. ALL PARKING FLOOR SLABS SHALL HAVE A MIN. SLOPE OF 1% TO FLOOR DRAINS (FD) OR CATCH BASINS (CB) UNLESS NOTED OTHERWISE. REFER TO MECHANICAL FOR DRAIN & CATCH BASIN SIZES.
5. REFER TO FLOOR PLANS FOR AREA PROJECT SPECIFICATIONS FOR THE EXTENS OF HEAVY DUTY & LIGHT DUTY TRAFFIC COATING ON PARKING SLABS. CONFORM THICKNESSES WITH BUILDING ENVELOPE.
6. WHERE APPLICABLE, A CONCRETE TOPPING TREAD PATTERN SHALL CONSIST OF: MINIMUM 3/8" x 3/8" (10 x 10mm) REVEALS IN CONCRETE TOPPING, SPACED AT 4' (1200mm) O.C. AT 20 DEGREES (HERRINGBONE DESIGN) WALK AREA AND NO PARKING AREAS (SMARTPARKING) SHALL BE 4' (1200mm) WIDE PAINTED WHITE LINES. USE MAASMA Marking Material (see drawing) FOR ALL LINE MARKING.
7. ALL PARKING STALLS TO INCLUDE PAINTED STALL NUMBER AND ANY OTHER APPLICABLE LABELS. CLIENT TO CONFIRM LABELLING (STALL NUMBERS, ASSIGNMENTS, ZONES, ETC).
8. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL CHASE DIMENSIONS & ACCESS PANEL DETAILS. REQUIREMENTS FOR MECHANICAL EQUIPMENT: MECHANICAL EQUIPMENT (VENTILATORS, GENERATORS, COMPACTORS AND EXHAUST SYSTEMS) ARE TO BE LOCATED TO MINIMIZE NOISE IMPACTS ON THE NEIGHBOURHOOD AND COMPLY WITH NOISE BY-LAWS.
9. ALL PARKADE WALLS ARE TO BE PAINTED WITH AT LEAST 2 COATS OF PAINT SUITABLE FOR CONCRETE. CLIENT TO CONFIRM PAINT SPECIFICATION AND COLOUR SCHEME.
10. ALL PARKADE COLUMN AND CEILING TO BE PAINTED WITH AT LEAST 2 COATS OF PAINT SUITABLE FOR CONCRETE. CLIENT TO CONFIRM PAINT SPECIFICATION AND COLOUR SCHEME.
11. "SMALL CAR" AND "NO PARKING" LETTERING TO BE 12" HIGH, STANDARD TEMPLATE LETTERING. USE WHITE PAINT ON FLOOR SLAB AND BLACK PAINT ON PAINTED WALLS.
12. CRACK CONTROL JOINTS SHALL BE PROVIDED NO GREATER THAN 14' (4267mm) O.C. AND HAVE 6" (152mm) WIDE PATTERNS IN ALL VERTICAL JOINTS. CRACK CONTROL JOINTS OCCUR AT SLAB ON GRADES AND EXTERIOR CONCRETE WALLS (DOWN AND BELOW GRADE).
13. THE DESIGN OF THE BRICKLE SPACES INCLUDING BRICKLE ROOMS, COMPOUNDS, LOCKERS AND/OR RACKS REGARDING SAFETY AND SECURITY MEASURES SHALL BE IN ACCORDANCE WITH THE UBC ZONING BYLAW AND CPED REGULATIONS.
14. NO SURFACE MOUNTED CONDUITS ARE PERMITTED. CONTRACTOR TO ENSURE ALL CONDUIT IS CONCEALED IN WALLS AND SLABS.
15. ALL FIXTURES, SPRINKLER HEADS, SENSORS, ETC MUST BE PLACED BELOW THE LINE OF SPRAY INSULATION. SPRAY INSULATION MUST BE ABLE TO RUN CONTINUOUS PAST ALL CEILING ELEMENTS.
16. ALL SECURITY AND ACCESS CONTROL ELEMENTS ARE TO BE CONFIRMED BY THE CLIENT PRIOR TO CONSTRUCTION.
17. ALL WALLS ACCESSIBLE TO THE PUBLIC TO BE PATCHED AND GRUNDED AND MADE READY FOR PAINT. WALLS INSIDE SERVICE SPACES CAN BE LEFT AS IS WITHOUT PAINT, PROVIDED THAT THE FINISH OF THE WALL DOES NOT CREATE A HAZARD FOR ANYONE USING THE ROOM, OR INTERFERE WITH ANY EQUIPMENT WITHIN THE ROOM.

- Disability parking Stalls
- EV Parking Stalls
- Regular Parking Stalls
- Small Parking Stalls
- Elevators
- Service Rooms
- Commercial Stalls-Site D
- Exit Stairs
- Travel Distance

MacInnes-Field-Underground-Parkade	
TYPE	LEVEL
REGULAR	186
SMALL CAR	11
DISABILITY	4
ELECTRIC VEHICLE	16
TOTAL	217

MacInnes-Field-Underground Parkade		
UNIT	Area (Sq. ft)	Area Classification
Parking Machines	12157 sq. ft	Parking Machines
ENTRY RAMP	1220 sq. ft	Entry Ramp
TOTAL	12257 sq. ft	

REVISIONS	NO.	DATE	DESCRIPTION
1	01	17	PREVIOUSLY ISSUED FOR MACINNES-PARKADE DEVELOPMENT PERMIT AND BP
18	NOV 15 2018		ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC HEALTH)



MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

Underground
Parkade

DATE: 11/15/2018 11:03:09 AM
DRAWN BY: CM / NO
CHECKED BY: As indicated
JOB NUMBER: 17071

REVISIONS	NO.	DATE	DESCRIPTION
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18	NOV 15 2018		ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC REALM)

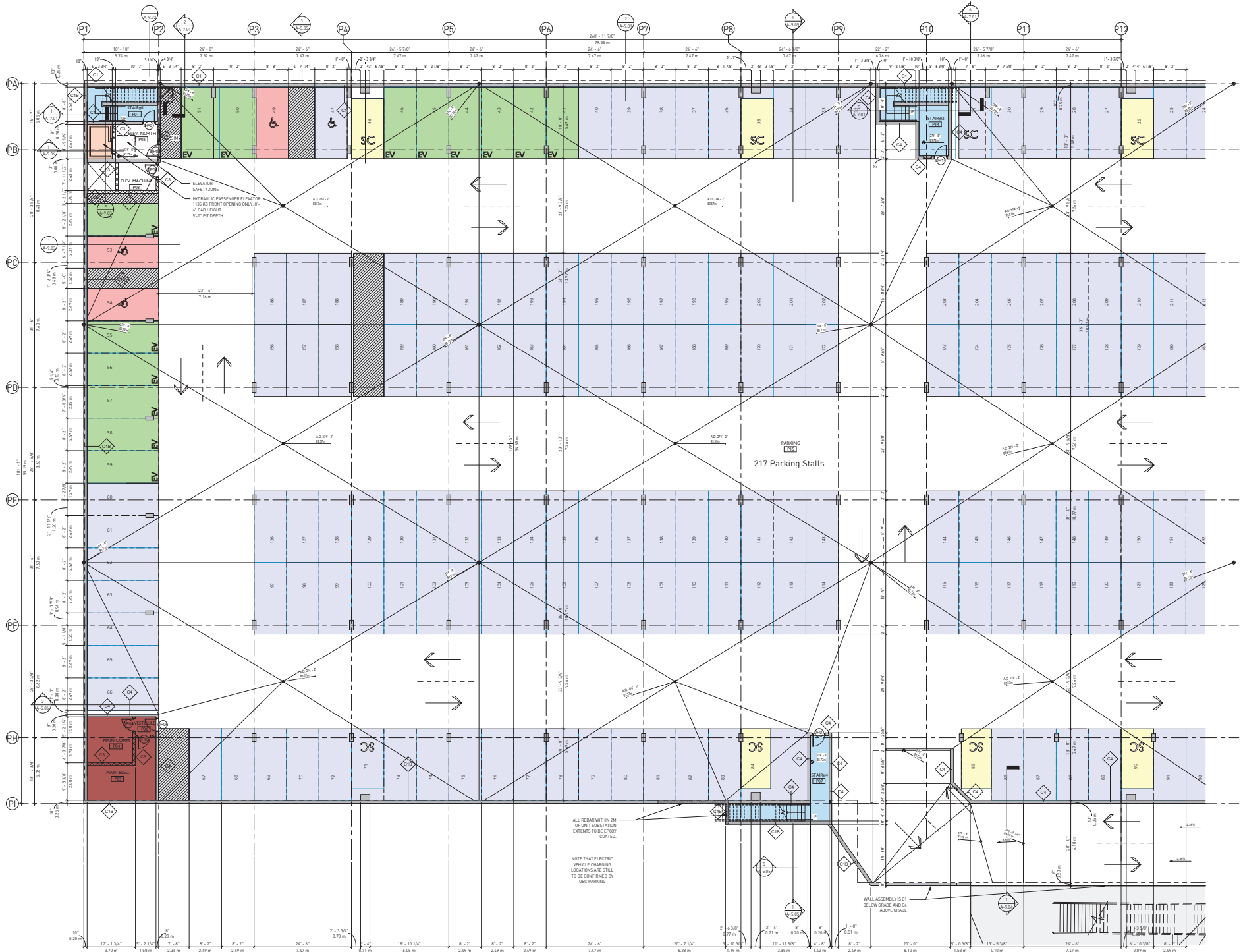


MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

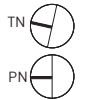
PARKING NORTH -
ENLARGED PLAN

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CHECKED BY: Checker
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JOB NUMBER: 17071

A-2.02



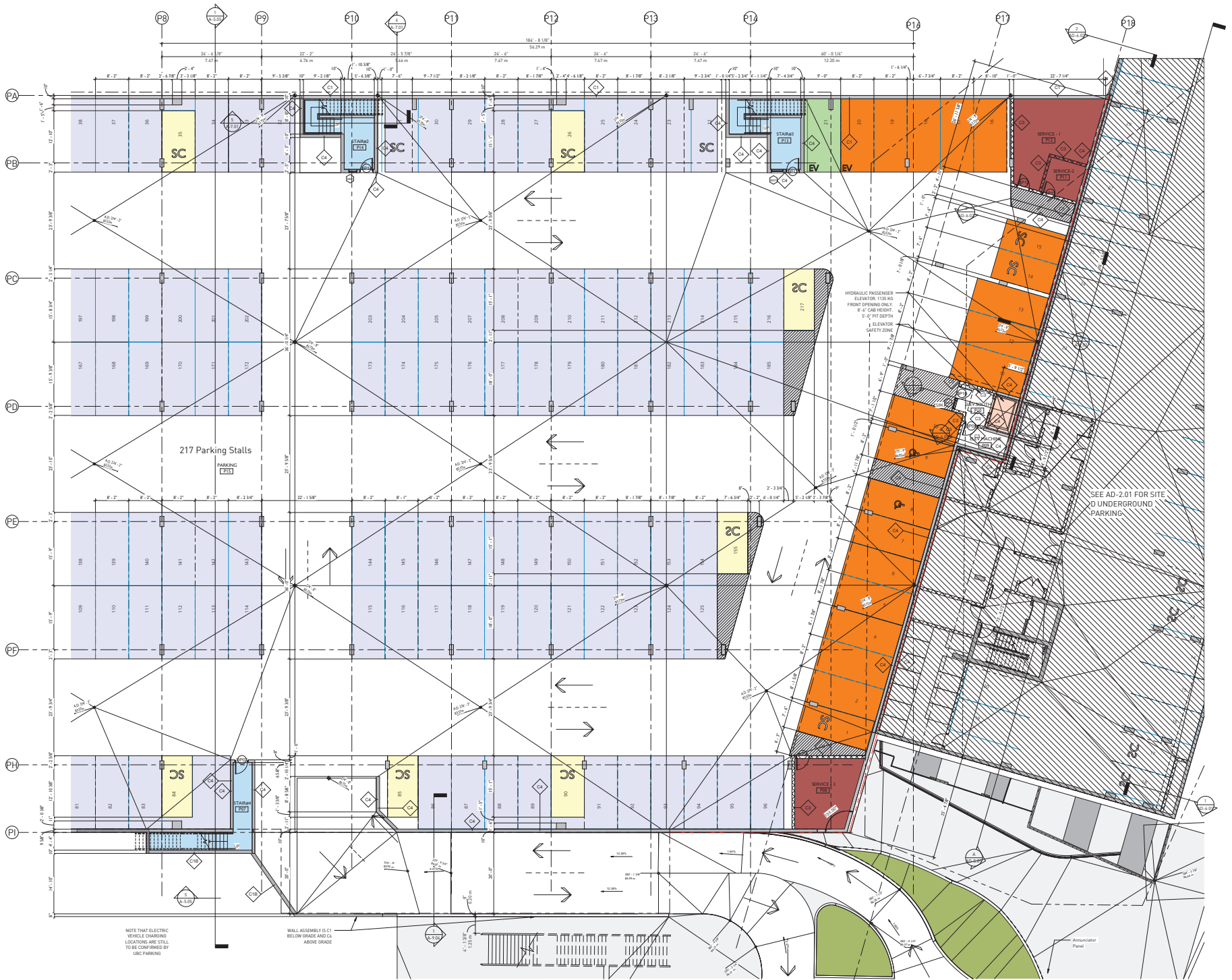
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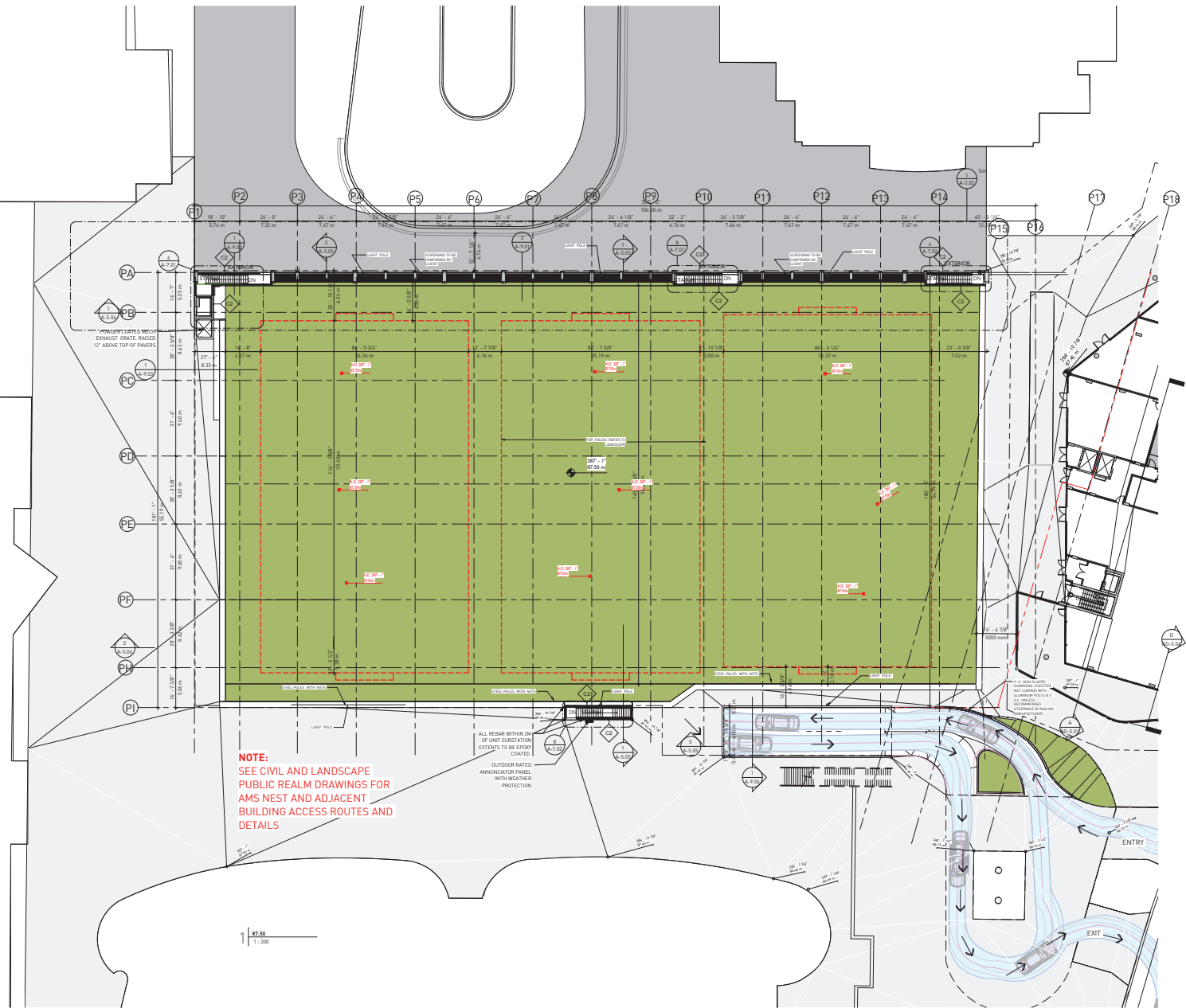


MacInnes-Field
 Underground parkade
 6131-UNIVERSITY BLVD,
 UBC

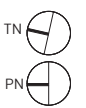
PARKING SOUTH - ENLARGED PLAN

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 JOB NUMBER 17071





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	18	NOV 15 2018	ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC REALM)



MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
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Field level

DATE: 11/15/2018 11:03:17 AM
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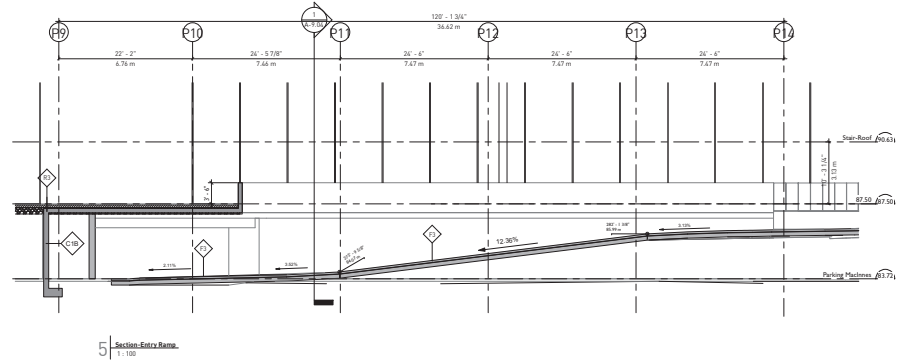
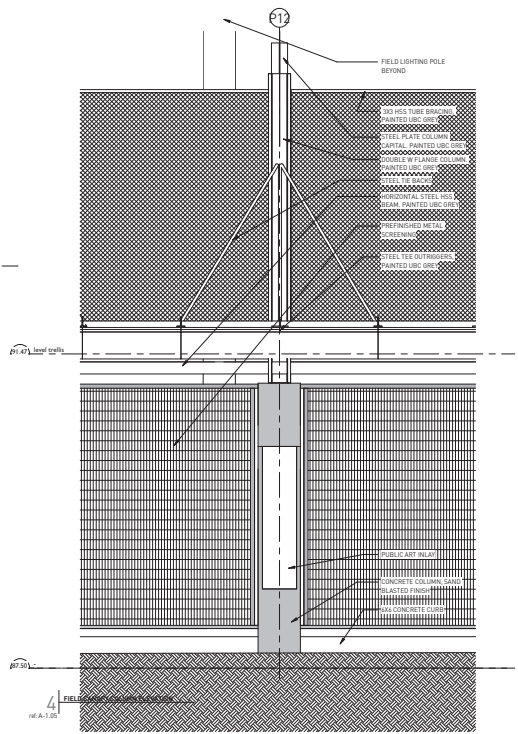
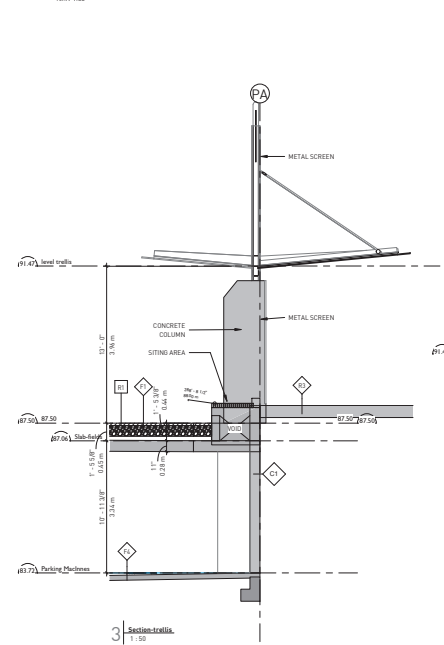
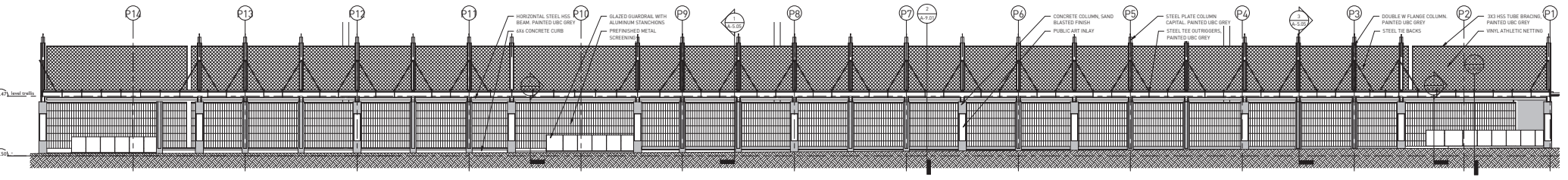
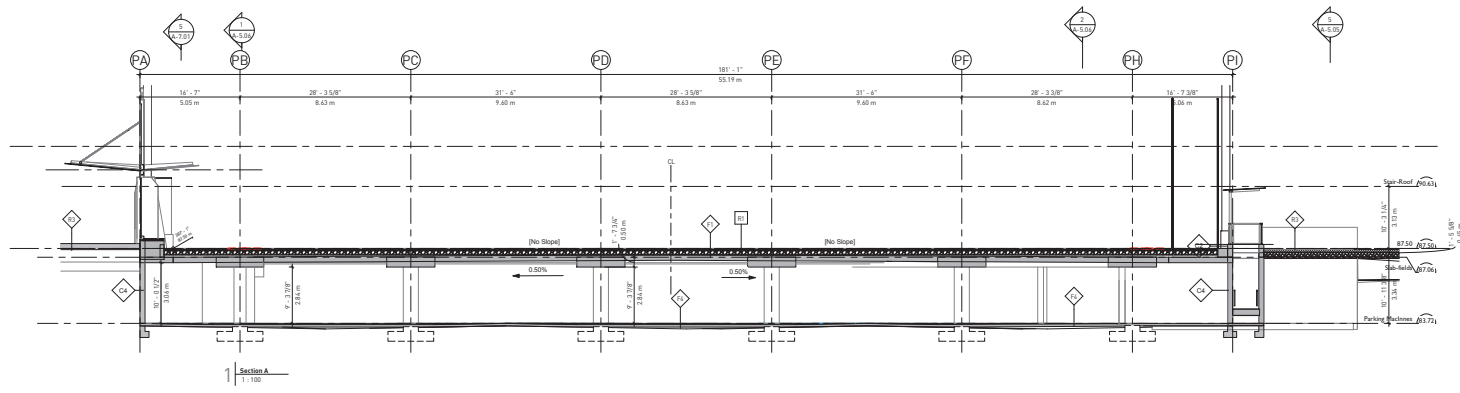


REVISIONS		
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18	NOV 15 2018	ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC REALM

TRELLIS PLAN

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SCALE 1 : 100
JOB NUMBER 17071

NOTES

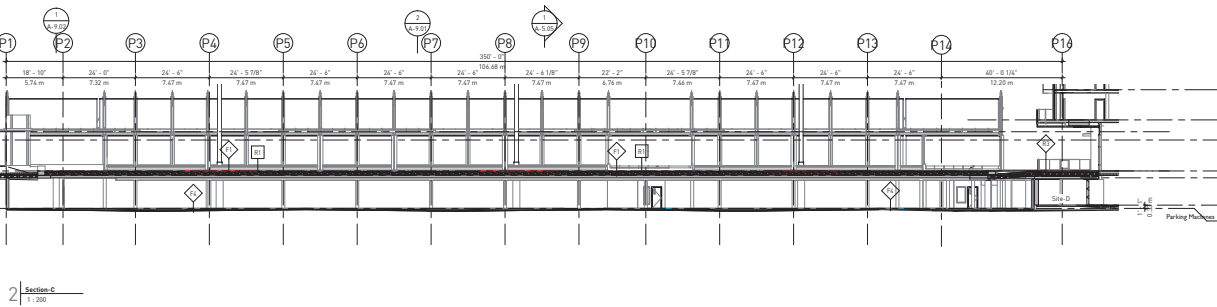


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18	NOV 15 2018	ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC REALM)

MacInnes-Field
Underground parkade
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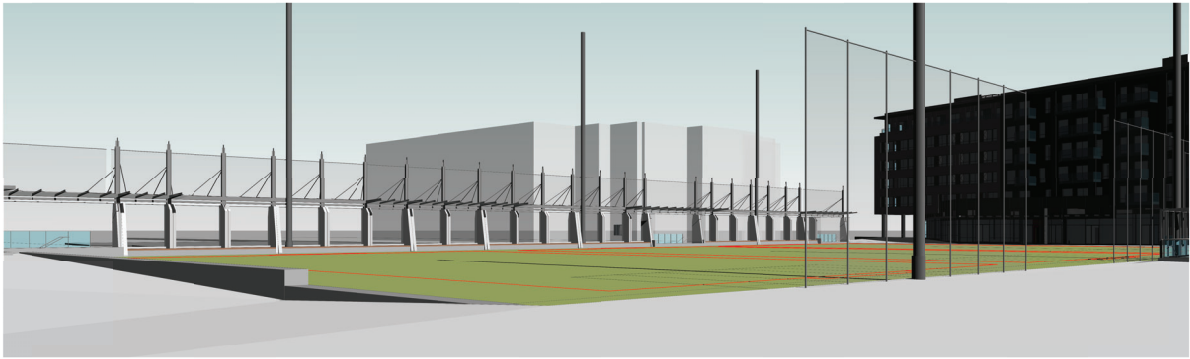
Sections-MacInnes
field

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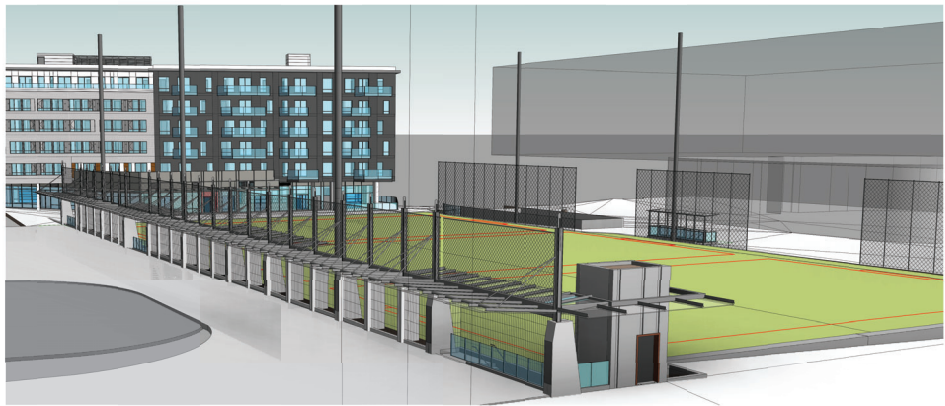


MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
UBC

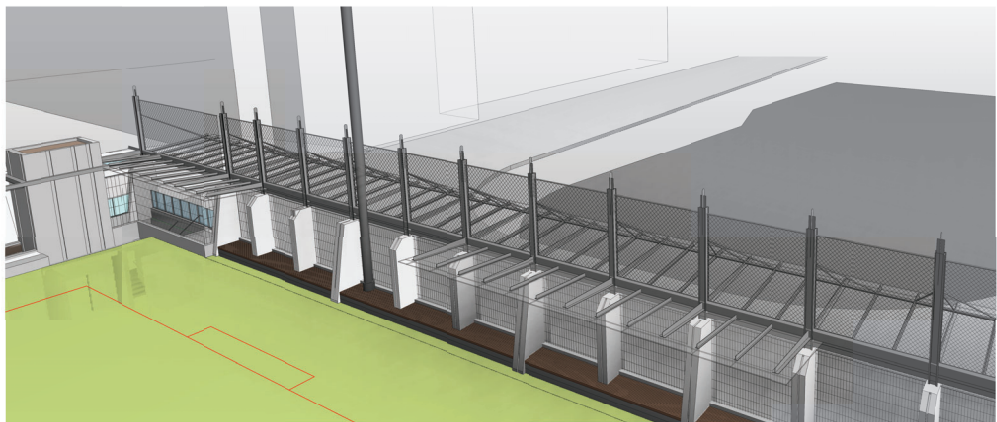
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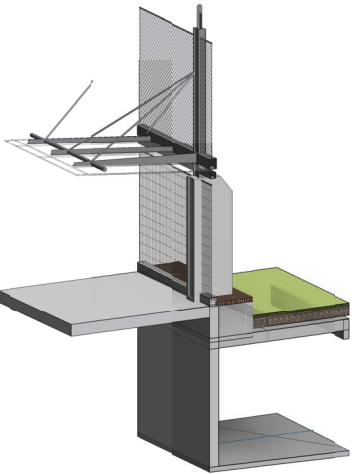
1 | Perspective-MacInnes-1



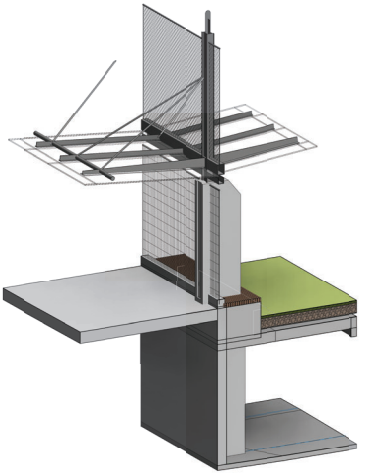
2 | Perspective-MacInnes-2



3 | CANOPY EAST VIEW



4 | 3d-column canopy concept



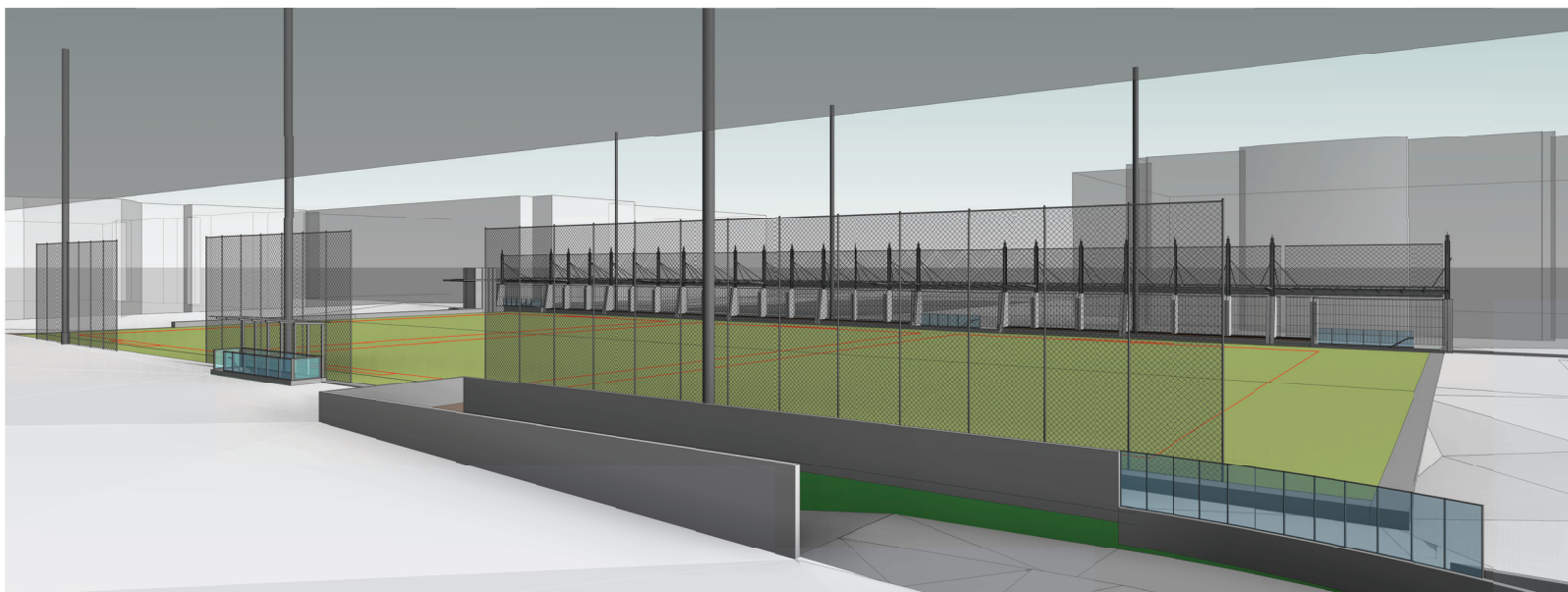
5 | 3d-column-3 canopy concept

REVISIONS	NO.	DATE	DESCRIPTION
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18	NOV 15 2018		ISSUED FOR DEVELOPMENT PERMIT (FIELD, CANOPY AND PUBLIC REALM)

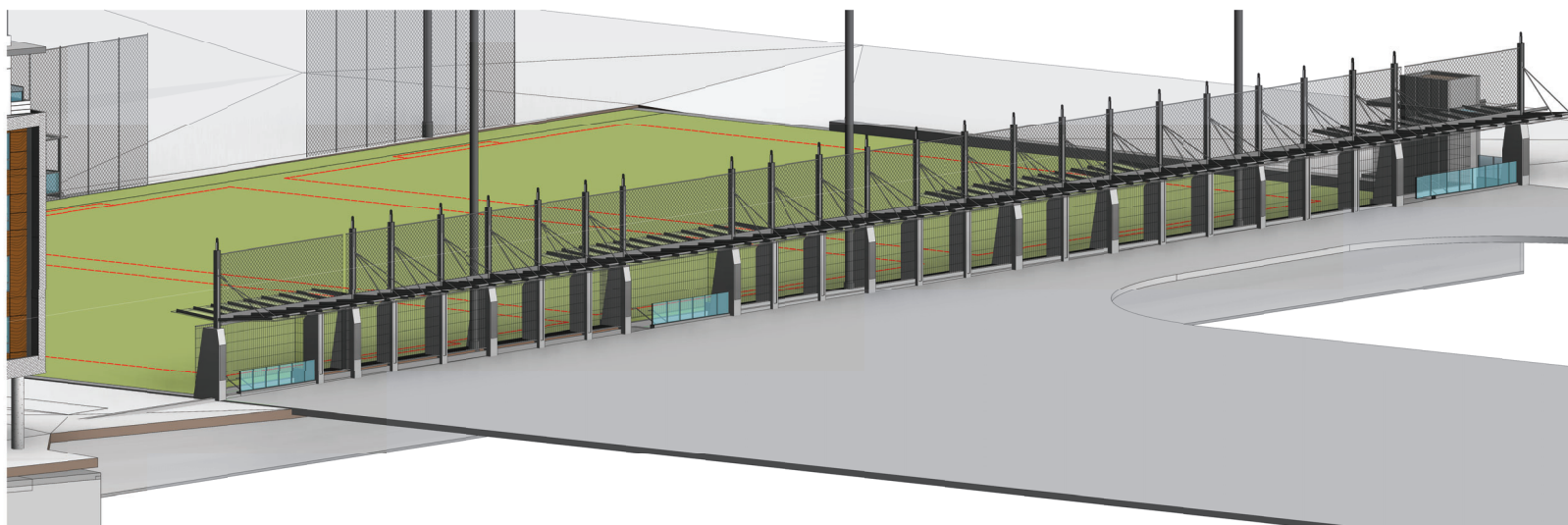
MacInnes-Field
Underground parkade
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Column Concept

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SCALE
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1 | South-west view



4 | South-East View

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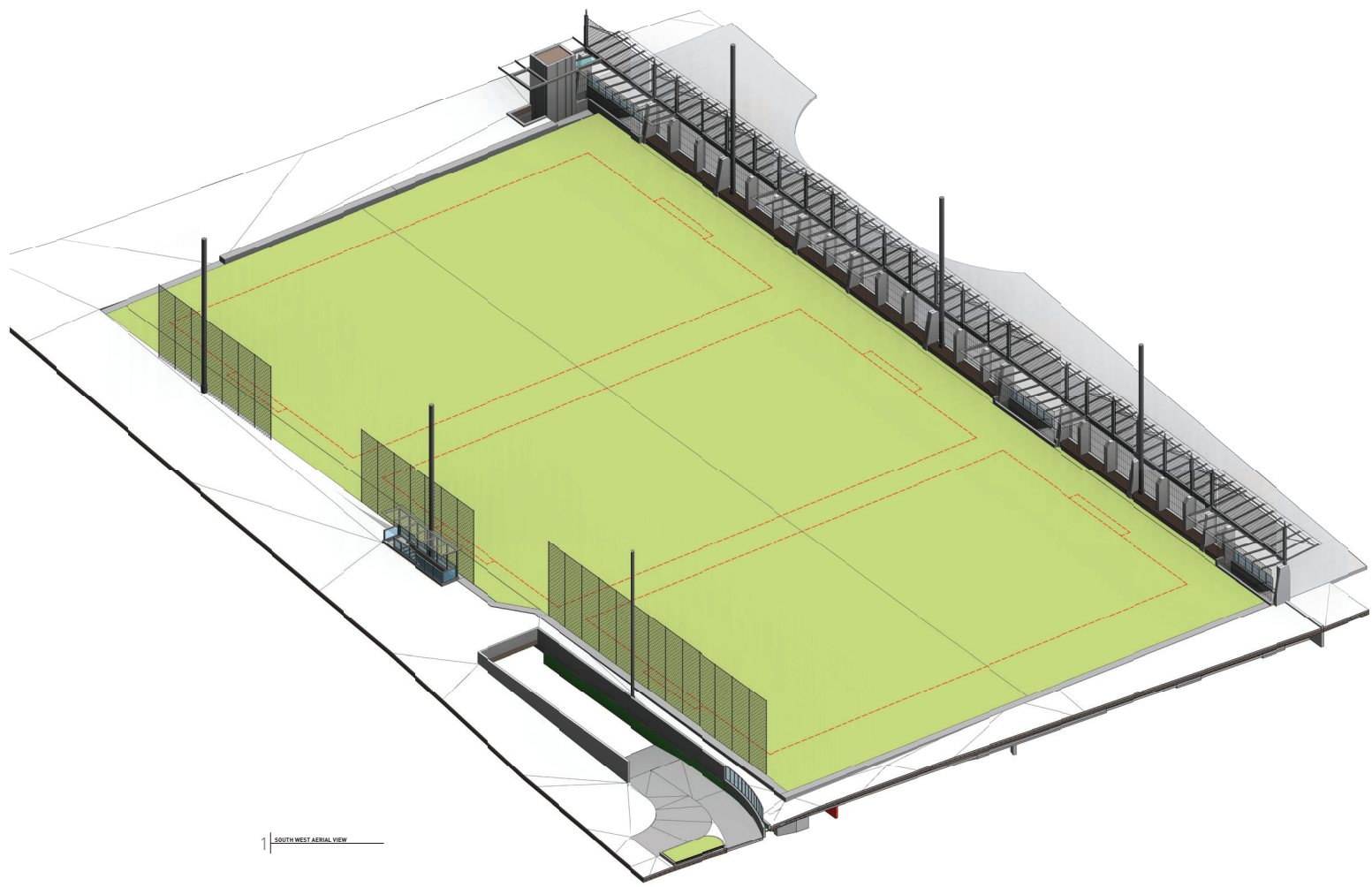
MacInnes-Field
Underground parkade
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PERPECTIVES

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DATE 11/15/2018 11:06:37 AM
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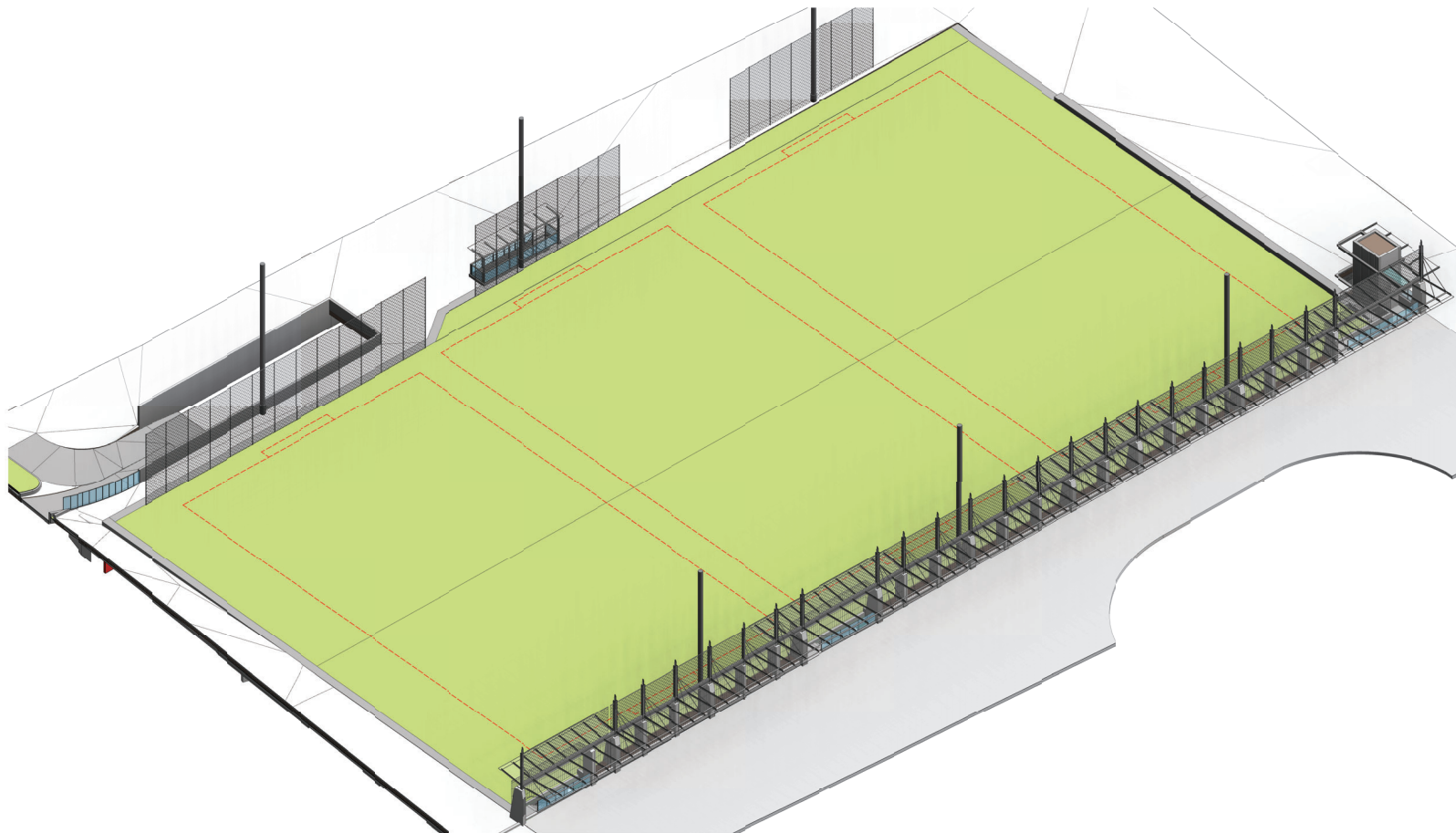
1 | SOUTH WEST AERIAL VIEW

REVISIONS	NO.	DATE	DESCRIPTION
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MacInnes-Field
Underground parkade
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3D VIEW SOUTH
WEST

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JOB NUMBER 17071



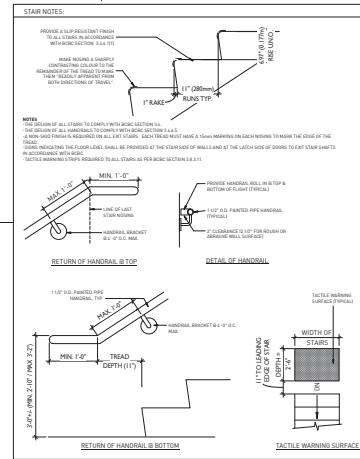
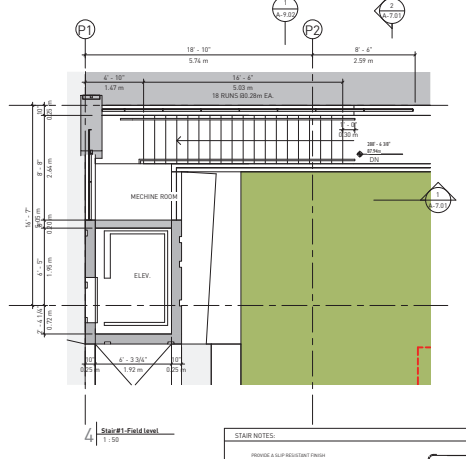
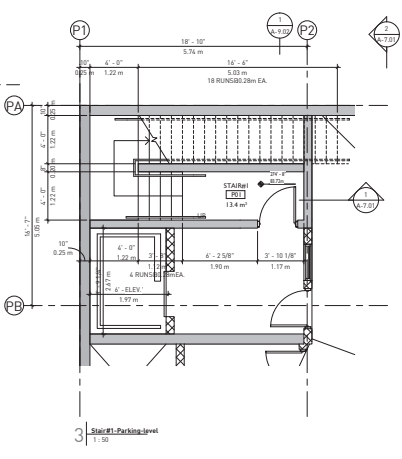
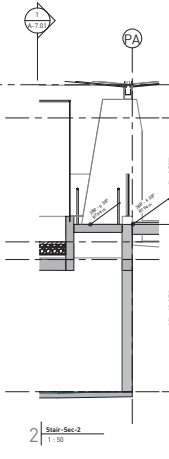
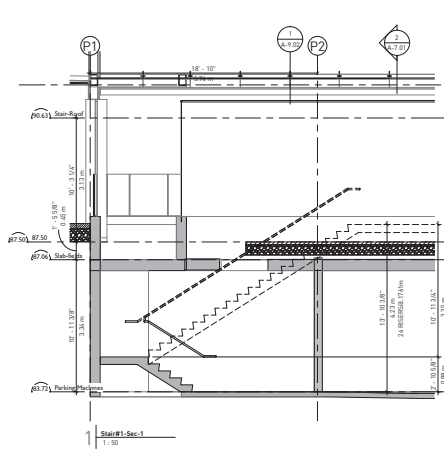
1 | SOUTH EAST AERIAL VIEW

REVISIONS	NO.	DATE	DESCRIPTION
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MacInnes-Field
Underground parkade
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3D VIEW-SOUTH
EAST

DATE	11/15/2018 11:08:09 AM
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SCALE	
JOB NUMBER	17071



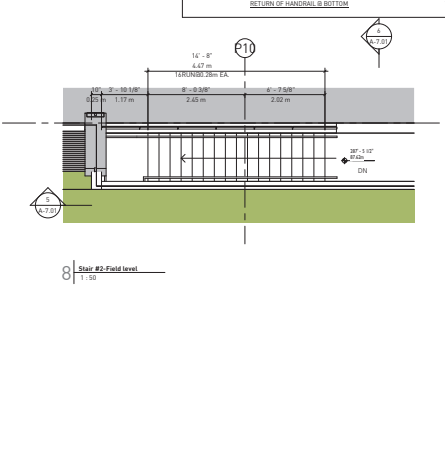
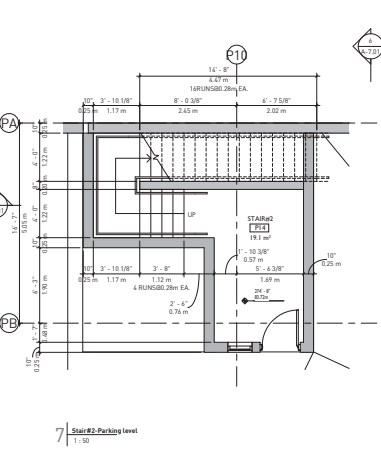
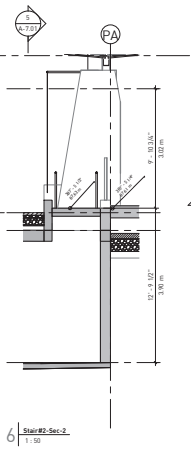
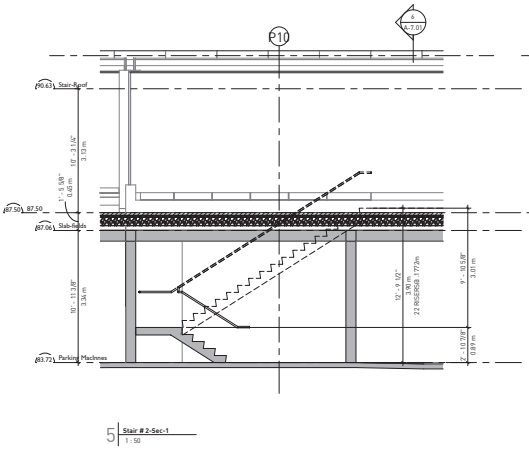
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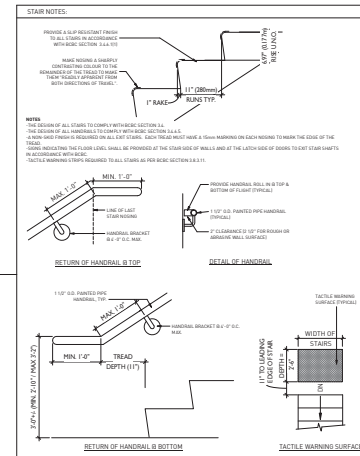
MacInnes-Field
Underground parkade
6131-UNIVERSITY BLVD,
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Stair #1 & Stair #2

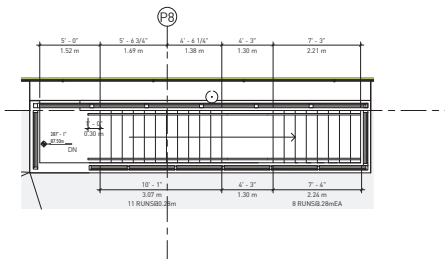
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Stair #3 & Stair #4

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