



ISSUED FOR

1	2021-08-03	DEVELOPMENT PERMIT
2	2021-08-11	DP ADDITIONAL INFORMATION
3	2021-10-05	DP RESUBMISSION
4	2021-10-22	DP RESUBMISSION 2

CALGARY EVENT CENTRE

ISSUED FOR DEVELOPMENT PERMIT RESUBMISSION 2 - 2021-10-22

DRAWING LIST - ARCHITECTURAL

- DPA0.000 COVER SHEET
- DPA0.101 PROJECT DATA AND FLOODWAY LOCATION PLAN
- DPA1.101 EXISTING SITE SURVEY
- DPA1.102 SITE PHOTOS
- DPA1.103 SITE PHOTOS
- DPA1.104 SITE PLAN - OVERALL
- DPA1.105 WASTE COLLECTION ANALYSIS
- DPA1.106 WASTE COLLECTION ANALYSIS
- DPA1.106A WASTE COLLECTION ANALYSIS
- DPA1.106B WASTE COLLECTION ANALYSIS
- DPA1.107 VEHICLE SWEEP PATHS AT PARKADE LOADING ACCESS
- DPA1.108 FIRE TRUCK CIRCULATION
- DPA1.109 SITE ANALYSIS - SHADOW STUDY
- DPA1.110 SIGHT LINE ANALYSIS AT LOADING ACCESS
- DPA1.111 14 AVENUE OLYMPIC WAY TRUCK MANEUVERING (ROUTE A)
- DPA1.112 14 AVENUE OLYMPIC WAY TRUCK MANEUVERING (ROUTE B)
- DPA1.113 POTENTIAL BICYCLE CORRAL LOCATIONS
- DPA2.100 EVENT LEVEL - OVERALL FLOOR PLAN
- DPA2.100 WASTE COLLECTION PLANS AND SECTIONS
- DPA2.200 MAIN CONCOURSE - OVERALL FLOOR PLAN
- DPA2.300 CLUB MEZZANINE - OVERALL FLOOR PLAN
- DPA2.400 PREMIUM LEVEL - OVERALL FLOOR PLAN
- DPA2.500 UPPER CONCOURSE - OVERALL FLOOR PLAN
- DPA2.550 UPPER BOWL - OVERALL FLOOR PLAN
- DPA2.600 BALCONY LEVEL - OVERALL FLOOR PLAN
- DPA2.700 ROOF - OVERALL FLOOR PLAN
- DPA2.800 BYLAW ZONING PLAN
- DPA2.801 BYLAW ZONING PLAN
- DPA2.900 STREET CHANGING SUBMUNITY PLAN
- DPA4.001 EXTERIOR ELEVATIONS - NORTH AND EAST
- DPA4.002 EXTERIOR ELEVATIONS - SOUTH AND WEST
- DPA4.003 MATERIAL AND APPLICATION CONCEPT
- DPA4.004 MATERIAL BOARD
- DPA4.051 EXTERIOR 3D VIEWS
- DPA4.052 EXTERIOR 3D VIEWS
- DPA4.053 EXTERIOR 3D VIEWS
- DPA4.054 EXTERIOR 3D VIEWS
- DPA4.055 EXTERIOR 3D VIEWS
- DPA4.056 EXTERIOR 3D VIEWS
- DPA4.057 EXTERIOR 3D VIEWS
- DPA4.100 BUILDING SECTIONS - OVERALL
- DPA4.120 PARKADE PLANS AND SECTIONS
- DPA4.121 BIKE PARKING

DRAWING LIST - ELECTRICAL

- DPE1.100 ELECTRICAL SITE PLAN
- DPE1.101 25 KV SERVICE ENTRANCE SECTIONS AND DETAILS
- DPE1.200 LIGHTING SITE PLAN
- DPE1.201 SITE PLAN LIGHTING FIXTURE SCHEDULE
- DPE1.202 SITE PLAN LIGHTING FIXTURE CUTS
- DPE1.203 SITE PLAN LIGHTING FIXTURE CUTS
- DPE1.204 SITE LIGHTING PLAN FACADE ELEVATIONS
- DPE1.205 SITE LIGHTING PLAN FACADE ELEVATIONS
- DPE1.206 SITE LIGHTING CALCULATION PLAN
- DPE1.207 EVENT LEVEL - OVERALL 100% FLOOD ELEVATION
- DPE1.208 EVENT LEVEL PARKING - EV STATIONS
- DPE1.209 CLUB MEZZANINE PARKING - EV STATIONS
- DPE1.210 PREMIUM LEVEL PARKING - EV STATION
- DPE1.211 UPPER CONCOURSE PARKING - EV STATIONS

DRAWING LIST - LANDSCAPE

- DPL0.100 LANDSCAPE BYLAW PLAN
- DPL1.100 OVERALL LANDSCAPE PLAN
- DPL1.110 HARDSCAPE FINISH PLAN
- DPL1.111 MATERIALS ENLARGEMENT PLAN 1 OF 4
- DPL1.112 MATERIALS ENLARGEMENT PLAN 2 OF 4
- DPL1.113 MATERIALS ENLARGEMENT PLAN 3 OF 4
- DPL1.114 MATERIALS ENLARGEMENT PLAN 4 OF 4
- DPL1.200 SOFTSCAPE PLAN
- DPL2.100 ROAD CROSS SECTIONS
- DPL3.100 DETAILS SHEET 1 OF 2
- DPL3.101 DETAILS SHEET 2 OF 2
- DPL4.100 LANDSCAPE CHARACTER RENDERING

DRAWING LIST - CIVIL

- DCP1.01 DEEP UTILITIES SERVING PLAN
- DCP1.02 SHALLOW UTILITIES SERVING PLAN

DRAWING LIST - TECHNOLOGY

- DPT1.100 TECHNOLOGY SITE PLAN

DRAWING LIST - MECHANICAL

- DPM.001 EVENT LEVEL EQUIPMENT PLAN



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

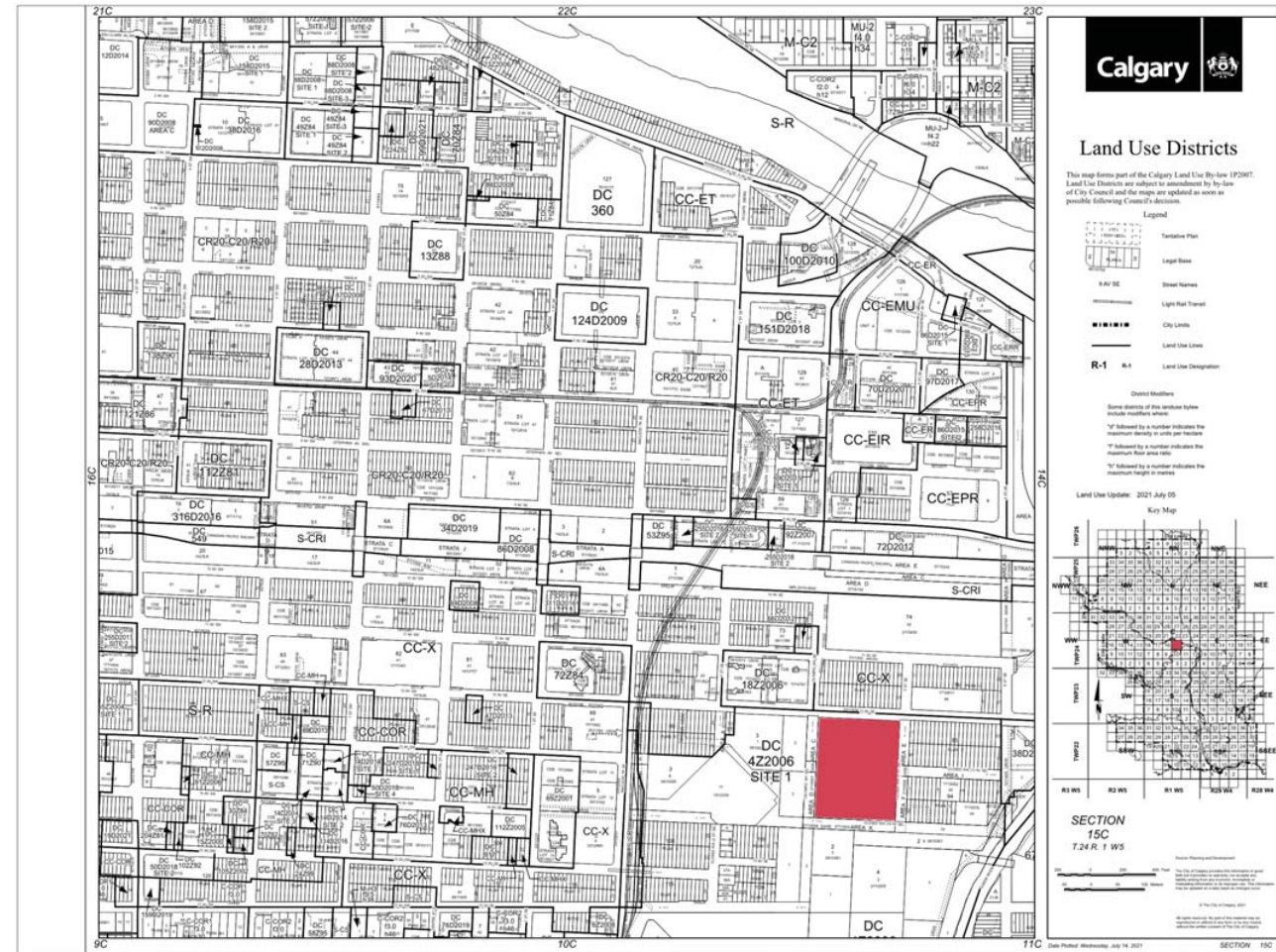
COVER SHEET

DPA0.000

PLOT DATE: 10/22/2021 10:10:11 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



Calgary

Land Use Districts

This map forms part of the Calgary Land Use Bylaw (192007). Land Use Districts are subject to amendments by by-law of City Council and the maps are updated as soon as possible following Council's decisions.

Legend

- Variable Plan
- Legal Block
- Street Name
- Legal Lot Transit
- City Limits
- Land Use Lines
- Land Use Designation

R-1 A-1

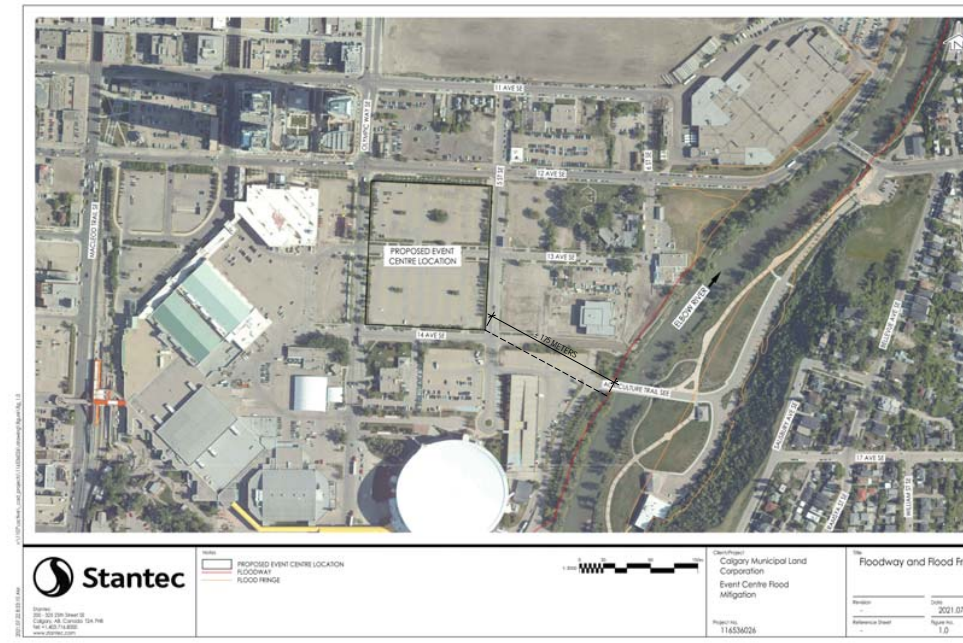
District Markers

- Some markers of some variation system
- Some markers of some variation system
- "F" followed by a number indicates the maximum height in units per marker
- "H" followed by a number indicates the maximum floor area ratio
- "V" followed by a number indicates the maximum height in metres

Land Use Update: 2021 July 05
Key Map

SECTION 15C
7.24 R. 1 WS

City of Calgary
1400 Centre Street, N.W.
Calgary, Alberta T2C 0E8
403.243.2437
www.calgary.ca



PROJECT DATA

LEGAL DESCRIPTION:
PLAN 218101 BLOCK 4 LOT 1

MUNICIPAL ADDRESS:
519 12 AVENUE SE

LAND USE DESIGNATION:
SPECIAL DISTRICT SITE T - DC4Z2006

PROPOSED USE:
DC GUIDELINE DC-2005-0657 BY LAWR 422006

COLISEUM (ARENA)
DRINKING ESTABLISHMENTS
OUTDOOR CAFES
PARKING AREAS AND PARKING STRUCTURES
RESTAURANTS
RETAIL STORES
OFFICES

ABC CODE D919 MAJOR OCCUPANCIES:
GROUP A, DIVISION 3, ASSEMBLY OCCUPANCY (SUPPORTING EVENTS AND OCCASIONAL USE OF TRADE SHOWS AND SIMILAR EXHIBITION)
GROUP A, DIVISION 2, ASSEMBLY (CONCERTS, RESTAURANTS)
GROUP E, MERCHANTILE

GROSS BUILDING AREA

EVENT CENTRE	67,896 M2
AT GRADE RETAIL	3,480 M2
PARKING	9,440 M2
TOTAL	81,256 M2

BUILDING GEOMETRIC ELEVATIONS

EVENT LEVEL: 1030.305
MAIN CONCOURSE: 1044.880
TOP OF HIGH RIBBON PARAPET: 1081.725

PARKING PROVIDED:

EVENT LEVEL: 14 UNDERGROUND STALLS - INCLUDES (1) BARRIER FREE, (8) EV INSTALLED AND (8) EV FUTURE ROUGH IN STALLS
PARKING STRUCTURE: 190 STALLS - INCLUDES (8) BARRIER FREE, (8) EV INSTALLED AND (10) EV FUTURE ROUGH IN STALLS

LOADING STALLS PROVIDED:

EVENT LEVEL: 8 LOADING STALLS

BICYCLE PARKING PROVIDED:

CLASS 1 SECURED PARKING IN PARKADE GARAGE - 99 STALLS
CLASS 2 UNSECURED STALLS-STREET LEVEL - 120 STALLS



CALGARY
EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

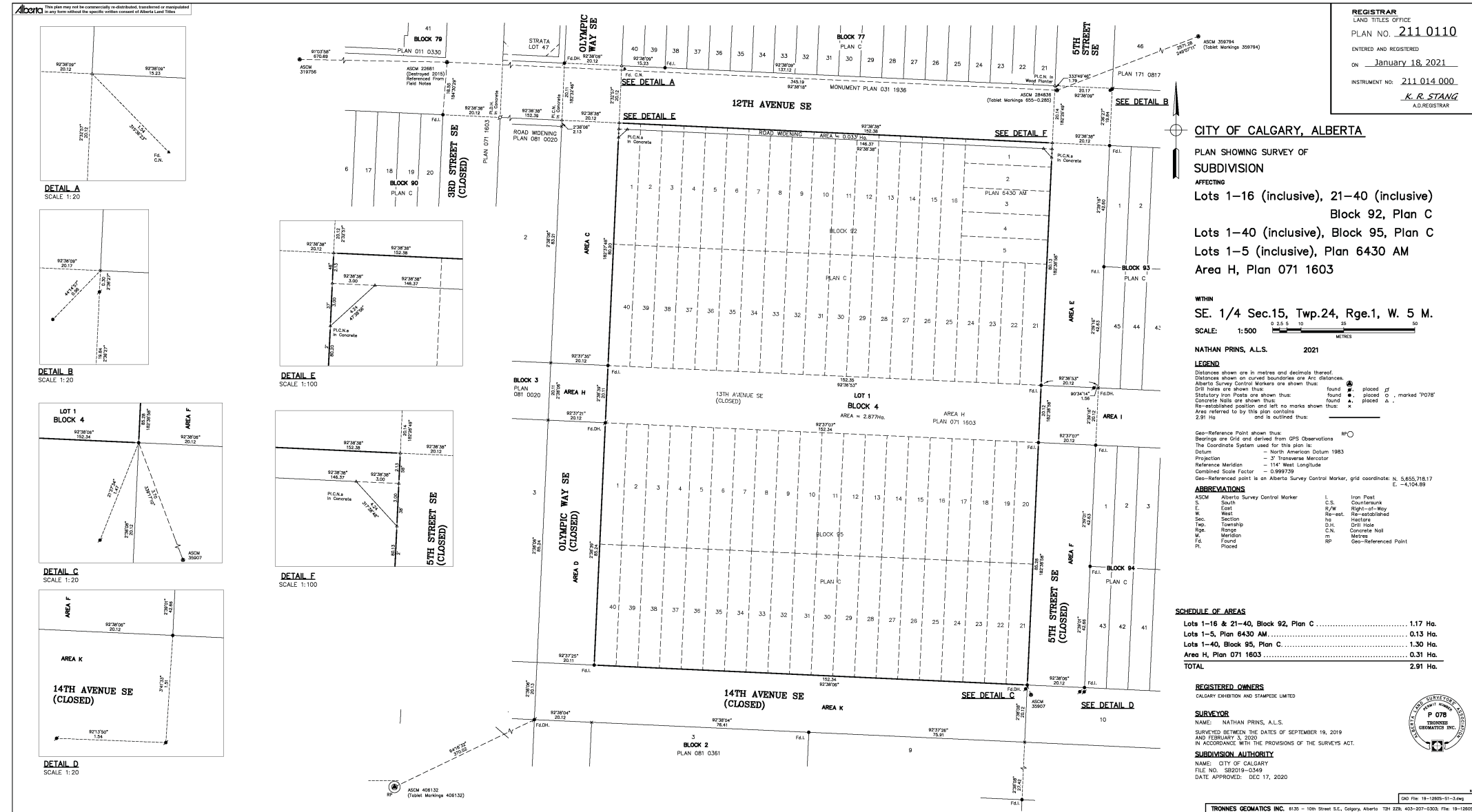
PROJECT DATA AND
FLOODWAY LOCATION
PLAN

DPA0.101

PLOT DATE: 10/21/2021 8:22:34 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



REGISTRAR
LAND TITLES OFFICE
PLAN NO. 211 0110
ENTERED AND REGISTERED
ON January 18, 2021
INSTRUMENT NO: 211 014 000
K. R. STANG
A.D. REGISTRAR

CITY OF CALGARY, ALBERTA

PLAN SHOWING SURVEY OF
SUBDIVISION
AFFECTING
Lots 1-16 (inclusive), 21-40 (inclusive)
Block 92, Plan C
Lots 1-40 (inclusive), Block 95, Plan C
Lots 1-5 (inclusive), Plan 6430 AM
Area H, Plan 071 1603

WITHIN
SE. 1/4 Sec.15, Twp.24, Rge.1, W. 5 M.
SCALE: 1:500

NATHAN PRINS, A.L.S. 2021

LEGEND
Distances shown are in metres and decimals thereof.
Distances shown on curved boundaries are Arc distances.
Alberta Survey Control Markers are shown thus: found placed marked "1076"
Drill holes are shown thus: found placed marked "A"
Statutory iron Posts are shown thus: found placed marked "1076"
Concrete walls are shown thus: found placed marked "A"
Re-established position and left no marks shown thus: found placed marked "A"
Area referred to by this plan contains and is outlined thus: 2.91 Ha

Geo-Reference Point shown thus: RP
Bearings are Grid and derived from GPS Observations
The Coordinate System used for this plan is:
Datum - North American Datum 1983
Projection - 2 Transverse Mercator
Reference Meridian - 114° West Longitude
Combined Scale Factor - 0.999719
Geo-Referenced point is an Alberta Survey Control Marker, grid coordinate: N. 5,855,718.17 E. -4,104.89

ABBREVIATIONS
ASCM Alberta Survey Control Marker
S. South
C.S. Countersunk
E. East
W. West
Sec. Section
Twp. Township
M. Meridian
F. Found
PL Placed
I. Iron Post
C.S. Countersunk
R/W Right-of-Way
Re-est. Re-established
H. Hectare
D.H. Drill Hole
C.N. Concrete Wall
m. Metres
RP Geo-Referenced Point

SCHEDULE OF AREAS

Lots 1-16 & 21-40, Block 92, Plan C	1.17 Ha.
Lots 1-5, Plan 6430 AM	0.13 Ha.
Lots 1-40, Block 95, Plan C	1.30 Ha.
Area H, Plan 071 1603	0.31 Ha.
TOTAL	2.91 Ha.

REGISTERED OWNERS
CALGARY EXHIBITION AND STAMPEDE LIMITED

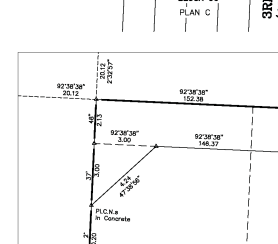
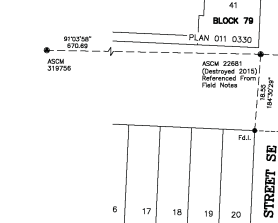
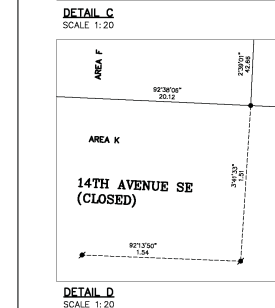
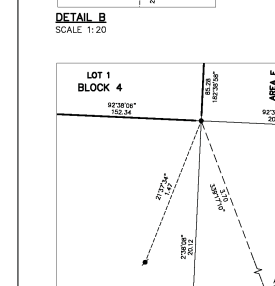
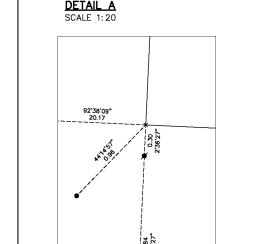
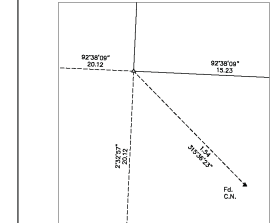
SURVEYOR
NAME: NATHAN PRINS, A.L.S.
SURVEYED BETWEEN THE DATES OF SEPTEMBER 19, 2019
AND FEBRUARY 3, 2020
IN ACCORDANCE WITH THE PROVISIONS OF THE SURVEYS ACT.

SUBDIVISION AUTHORITY
NAME: CITY OF CALGARY
FILE NO. 30019-0349
DATE APPROVED: DEC 17, 2020



TRONNES GEOMATICS INC. 8125 - 10th Street S.E., Calgary, Alberta T2B 2Z6, 403-207-0202, File 18-12855

Alcoro This plan may not be commercially re-distributed, transformed or disseminated in any form without the specific written consent of Alberta Land Titles



EXISTING SITE SURVEY
SCALE: 1:1

CALGARY
EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

EXISTING - SITE
SURVEY

DPA1.101

PLOT DATE 10/21/2021 8:22:38 PM



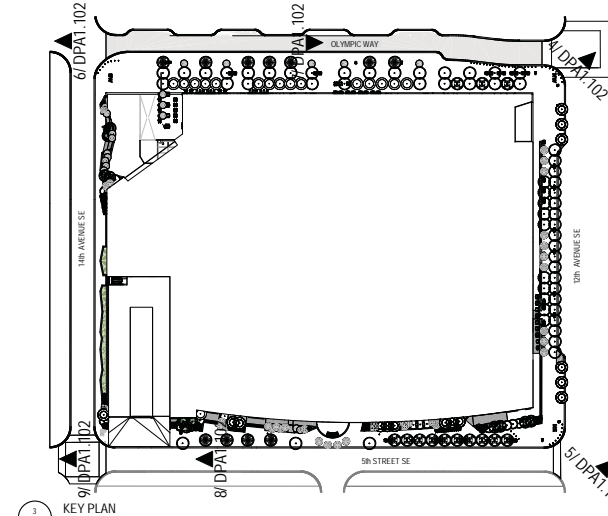
ISSUED FOR
1 2021-06-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



1 AERIAL PHOTO
SCALE: 1:5



2 AERIAL PHOTO 2
SCALE: 1:5



3 KEY PLAN
SCALE: 1:1000



4 CORNER OF 12TH AVENUE SE AND STAMPEDE TRAIL
SCALE: 1:5



5 CORNER OF 12TH AVENUE SE AND 5TH STREET SE
SCALE: 1:5



6 CORNER OF 14TH AVENUE SE AND STAMPEDE TRAIL
SCALE: 1:5



7 STAMPEDE TRAIL LOOKING NORTH
SCALE: 1:5



8 5TH STREET SE LOOKING SOUTH
SCALE: 1:5



9 CORNER OF 14TH AVENUE SE AND 5TH STREET SE
SCALE: 1:5



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

SITE PHOTOS

DPA1.102

PLOT DATE: 10/23/2021 8:47:48 PM



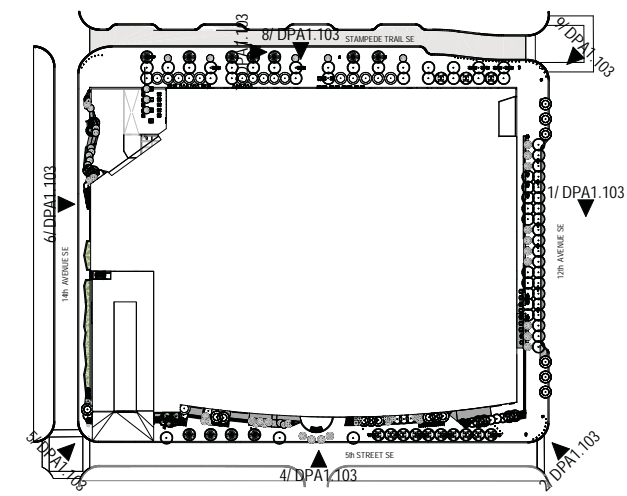
ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



1 12 AVENUE S.E. (NORTH SIDEWALK)
SCALE: 1:5



2 12 AVENUE S.E. AND 5TH STREET S.E. (SW CORNER)
SCALE: 1:5



3 KEY PLAN
SCALE: 1:1000



4 13 AVENUE S.E. AND 5TH STREET S.E.
SCALE: 1:5



5 14 AVENUE S.E. AND 5TH STREET S.E.
SCALE: 1:5



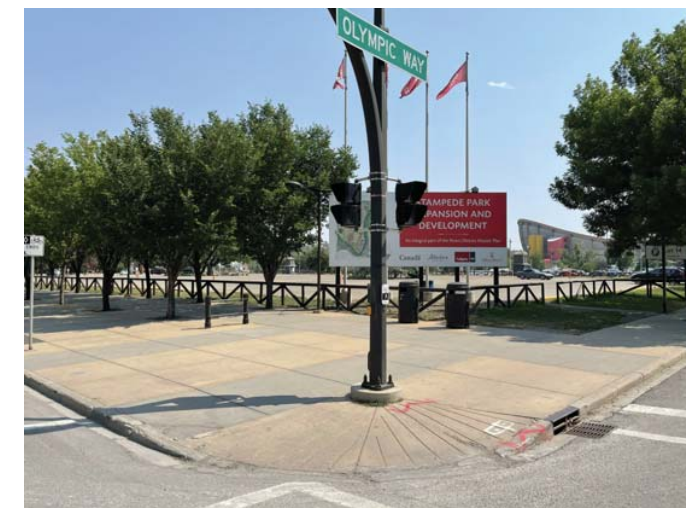
6 14 AVENUE S.E.
SCALE: 1:5



7 STAMPEDE TRAIL S.E. (EAST SIDEWALK)
SCALE: 1:5



8 STAMPEDE TRAIL S.E. AND 13 AVENUE S.E.
SCALE: 1:5



9 STAMPEDE TRAIL AND 12 AVENUE S.E. (CORNER)
SCALE: 1:5



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

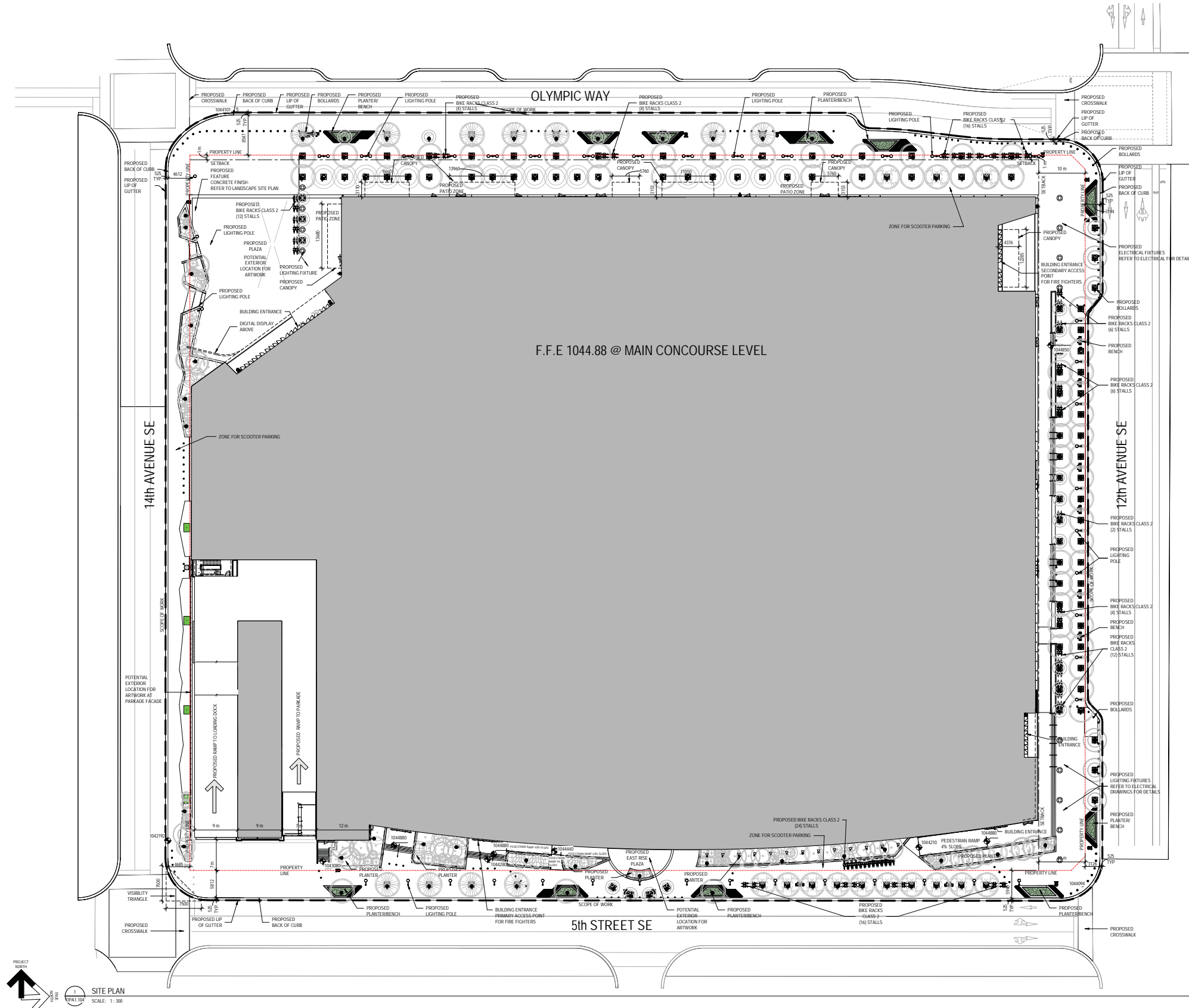
SITE PHOTOS

DPA1.103

PLOT DATE: 10/23/2021 8:48:19 PM



ISSUED FOR
 1 2021-08-03 DEVELOPMENT PERMIT
 2 2021-10-05 DP RESUBMISSION
 3 2021-10-22 DP RESUBMISSION 2



GENERAL NOTE:
 REFER TO LANDSCAPE DRAWINGS FOR
 OVERALL LANDSCAPE SITE PLAN,
 STREET CROSS SECTIONS, DESIGN
 DETAILS AND QUANTITIES FOR
 PLANTERS/BENCHES, BICYCLE RACKS,
 ETC.
 REFER TO ELECTRICAL DRAWINGS FOR
 OVERALL SITE LIGHTING PLAN, TYPE OF
 FIXTURES, LOCATION AND QUANTITIES



**CALGARY
EVENT CENTRE**
 519 - 12th AVE SE, CALGARY, AB

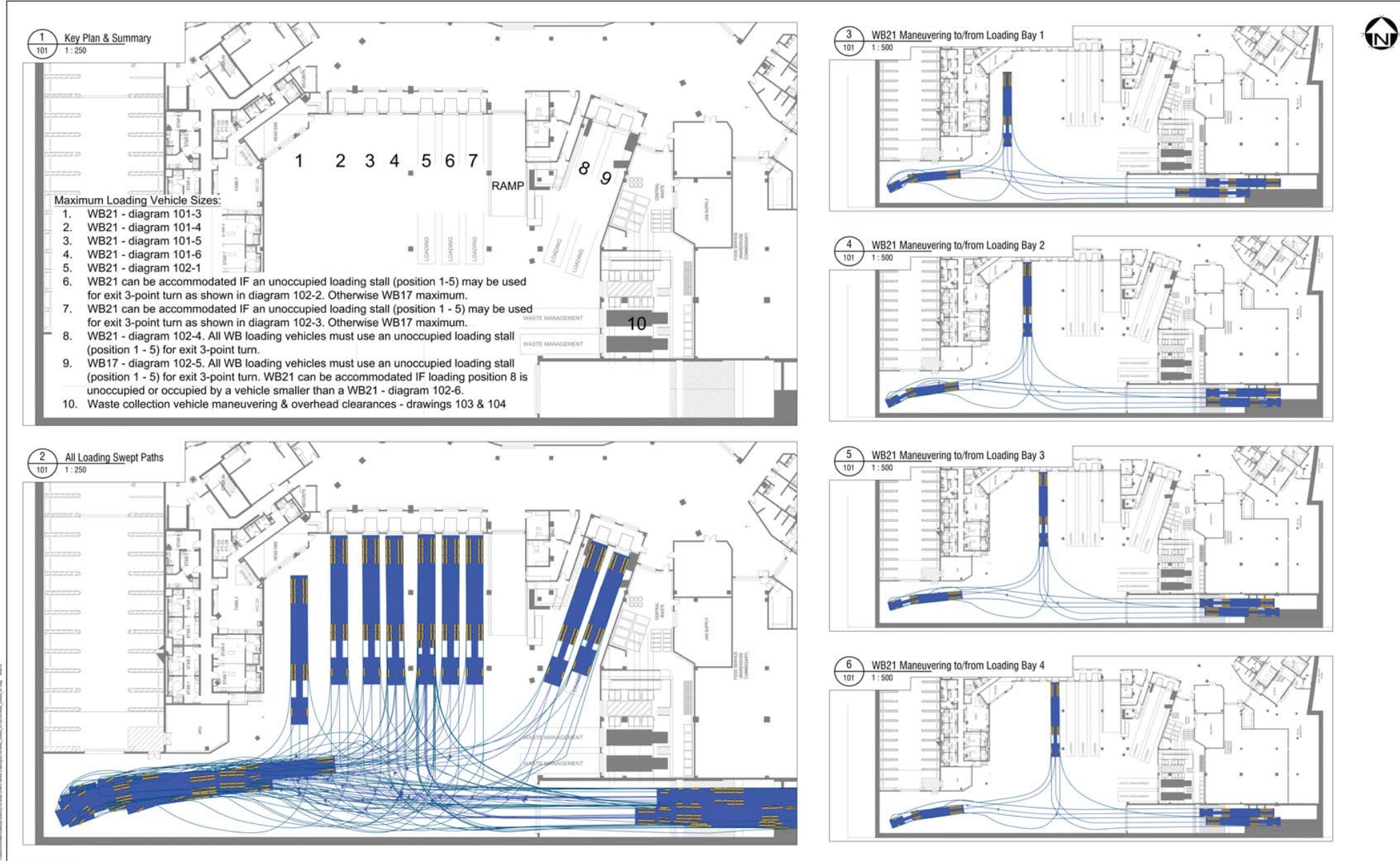
SITE PLAN - OVERALL

DPA1.104

PLOT DATE: 10/24/2021 10:49:40 AM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



NOTES:

bunt & associates

PERMIT TO PRACTICE
Bunt & Associates Engineering Ltd.
Signature
Date
PERMIT NUMBER: P13898
The Association of Professional Engineers
Geologists and Geophysicists of Alberta

ASET
2021-10-20

Calgary Event Centre
Loading Bay Analysis

DRAWN BY: BM	SCALE: As shown	DATE: 2021-10-04	SHEET NO: 1 of 8
CHECKED BY: GP	CAD SYSTEM: AutoCAD	REV: 5	PROJECT: 02-20-0092
	DWG NO: A0-	101	



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

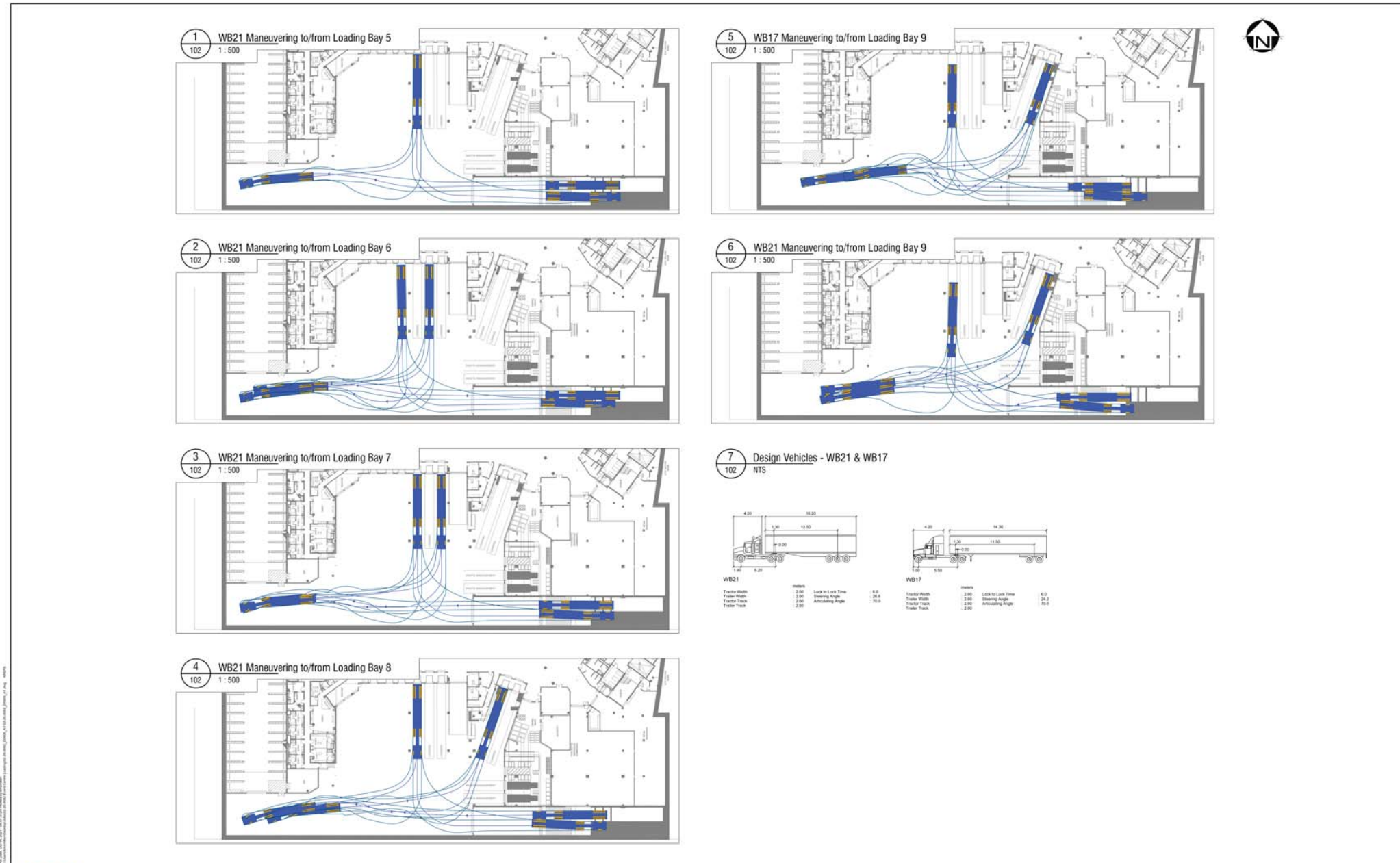
WASTE COLLECTION ANALYSIS

DPA1.105

PLOT DATE: 10/22/2021 1:27:43 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



NOTES:

bunt associates

PERMIT TO PRACTICE
Bunt & Associates Engineering Ltd.
Signature: _____
Date: 2021-10-22
PERMIT NUMBER: P13698
The Association of Professional Engineers
Geologists and Geophysicists of Alberta

ASET
Alberta Society of Engineering Technicians
2021-10-20

Calgary Event Centre
Loading Bay Analysis

DRAWN BY: BM	SCALE: As shown	DATE: 2021-10-04	SHEET NO: 2 of 8
CHECKED BY: GP	DWG NO: A0-	REV: 0	PROJECT: 03-20-0002
CAD SYSTEM: AutoCAD	102		



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

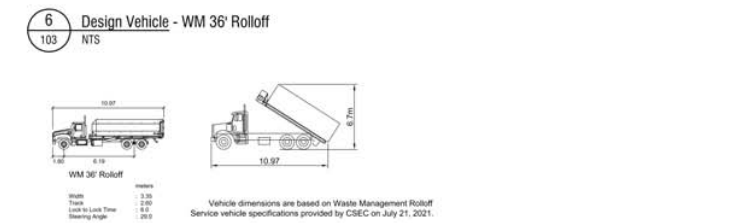
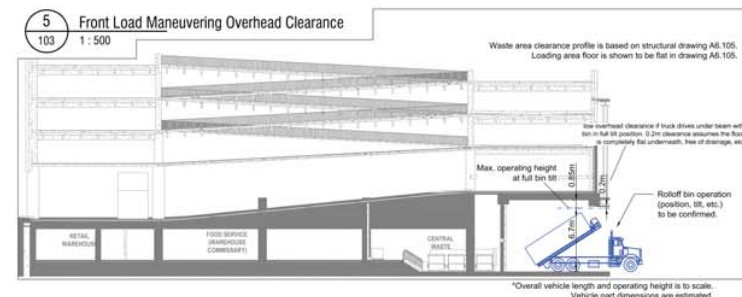
WASTE COLLECTION
ANALYSIS

DPA1.106

PLOT DATE: 10/22/2021 1:28:07 PM



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



NOTES

NO.	REVISION	DATE	INITIAL	NO.	REVISION	DATE	INITIAL

PERMIT TO PRACTICE
Bunt & Associates Engineering Ltd.
Signature
Date
PERMIT NUMBER: P13886
The Association of Professional Engineers
Geologists and Geophysicists of Alberta



Calgary Event Centre
Waste Collection Analysis

DRAWN BY: BM	SCALE: As shown	DATE: 2021-10-04	SHEET NO. 3 of 8
CHECKED BY: GP	DWG NO. A0-103	REV: 0	PROJECT: 02-20-0002



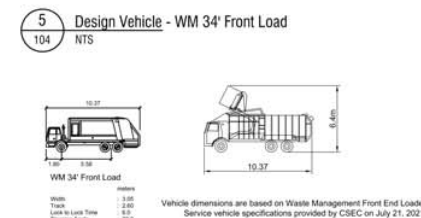
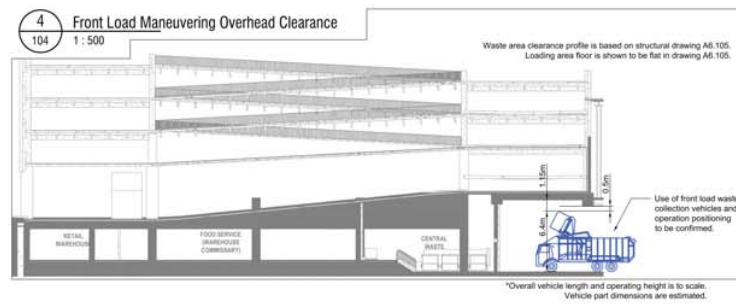
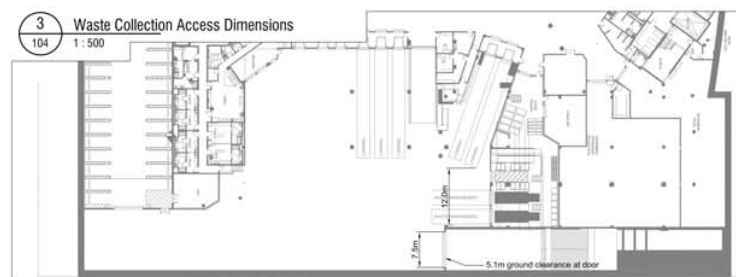
**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

WASTE COLLECTION
ANALYSIS

DPA1.106A



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



NOTES

--	--	--	--	--	--	--	--	--	--	--	--

NO.	REVISION	DATE	INITIAL	NO.	REVISION	DATE	INITIAL

PERMIT TO PRACTICE
Bunt & Associates Engineering Ltd.
Signature: [Signature]
Date: 2021-10-20
PERMIT NUMBER: P13668
The Association of Professional Engineers
Geologists and Geophysicists of Alberta



Calgary Event Centre Waste Collection Analysis			
DRAWN BY: BM	SCALE: As shown	DATE: 2021-10-04	SHEET NO: 4 of 9
CHECKED BY: GP	DWG NO: A0-	REV: 0	PROJECT: 02-20-0082
CADD SYSTEM: AutoCAD	DWG NO: 104	REV: 0	PROJECT: 02-20-0082



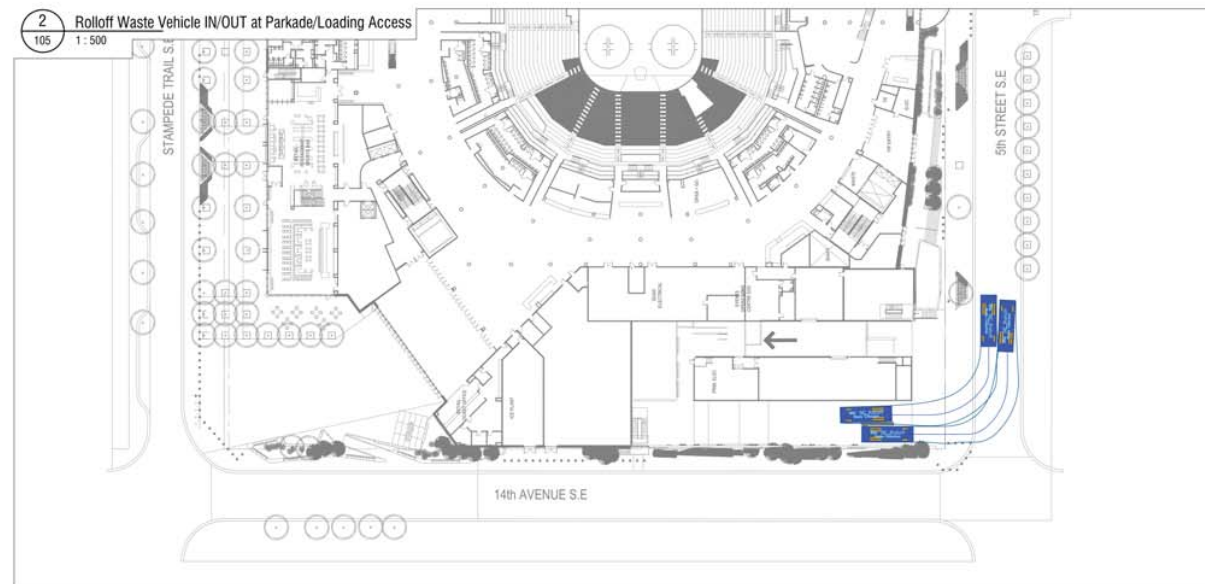
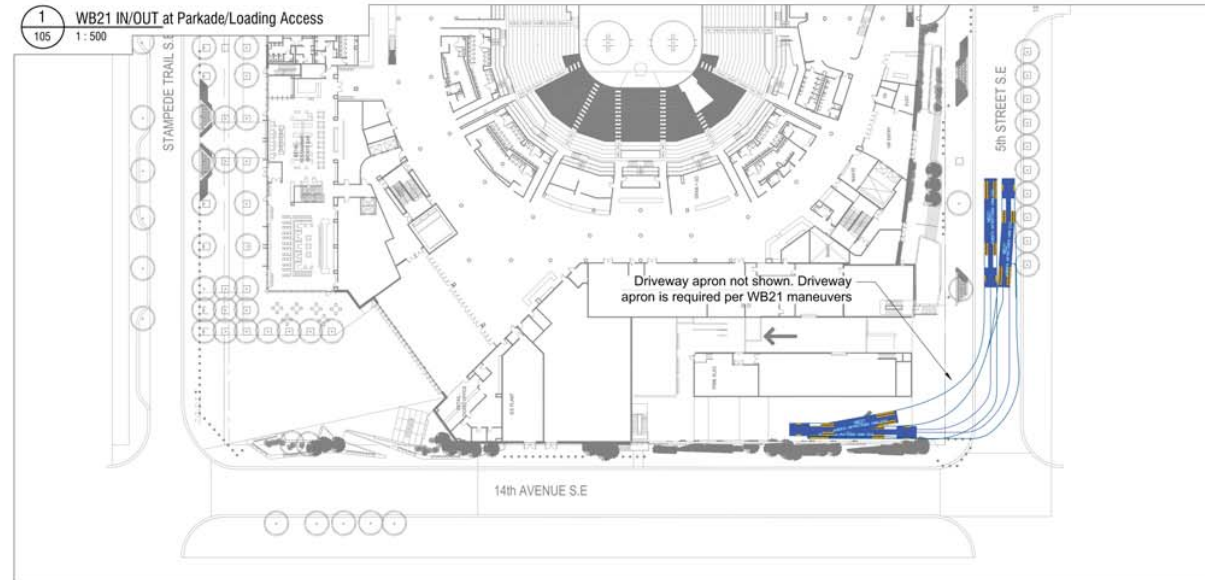
**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

WASTE COLLECTION
ANALYSIS

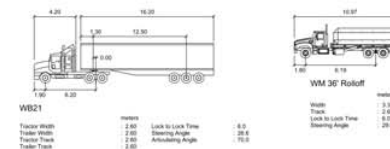
DPA1.106B



ISSUED FOR
 1 2021-08-03 DEVELOPMENT PERMIT
 2 2021-10-05 DP RESUBMISSION
 3 2021-10-22 DP RESUBMISSION 2



3 Design Vehicles
NTS



NOTES:

NO.	REVISION	DATE	INITIAL	NO.	REVISION	DATE	INITIAL

PERMIT TO PRACTICE
 Bunt & Associates Engineering Ltd.
 Signature: [Signature]
 Date: 2021-10-22
PERMIT NUMBER: P13698
 The Association of Professional Engineers
 Geologists and Geophysicists of Alberta



Calgary Event Centre
 Vehicle Swept Paths at Parkade/Loading Access
 DRAWN BY: BM SCALE: As shown DATE: 2021-10-04 SHEET NO: 5 of 8
 CHECKED BY: GP
 CADD SYSTEM: AutoCAD DWG NO: A0-105 REV: 0 PROJECT: 03-20-0003



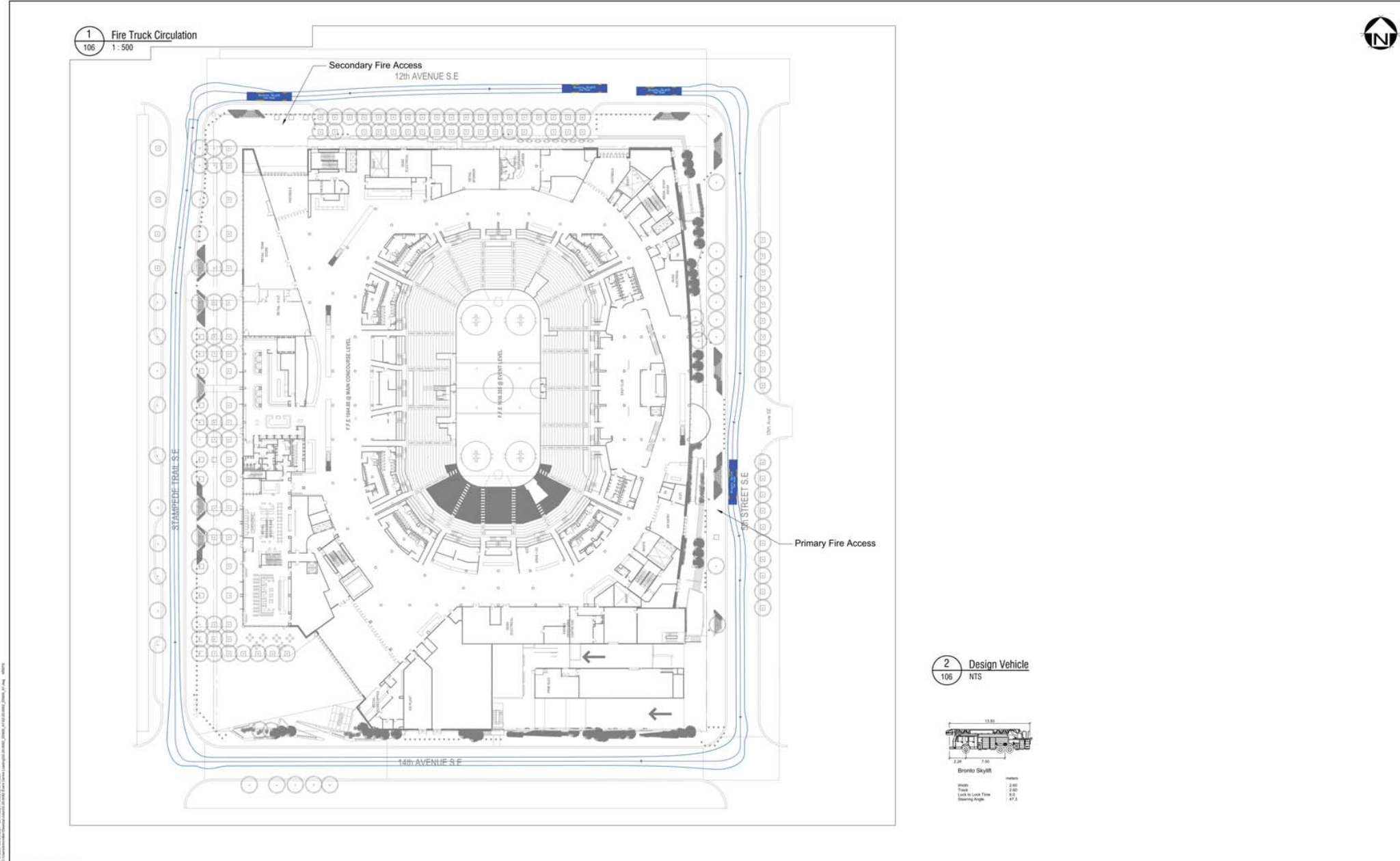
**CALGARY
 EVENT CENTRE**
 519 - 12th AVE SE, CALGARY, AB

VEHICLE SWEEP
 PATHS AT
 PARKADE/LOADING
 ACCESS

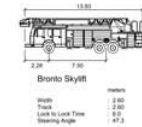
DPA1.107



ISSUED FOR
 1 2021-08-03 DEVELOPMENT PERMIT
 2 2021-10-05 DP RESUBMISSION
 3 2021-10-22 DP RESUBMISSION 2



2 Design Vehicle
 106 NTS



NOTES

NO.	REVISION	DATE	INITIAL	NO.	REVISION	DATE	INITIAL

PERMIT TO PRACTICE
 Burt & Associates Engineering Ltd.
 Signature
 Date
PERMIT NUMBER: P13888
 The Association of Professional Engineers
 Geologists and Geophysicists of Alberta



Calgary Event Centre
 Fire Truck Circulation

DRAWN BY: BM	SCALE: As shown	DATE: 2021-10-20	SHEET NO. 6 of 8
CHECKED BY: GP	CADD SYSTEM: AutoCAD	DWG NO. 106	REV. 0
PROJECT: 02-20-0582			



**CALGARY
 EVENT CENTRE**
 519 - 12th AVE SE, CALGARY, AB

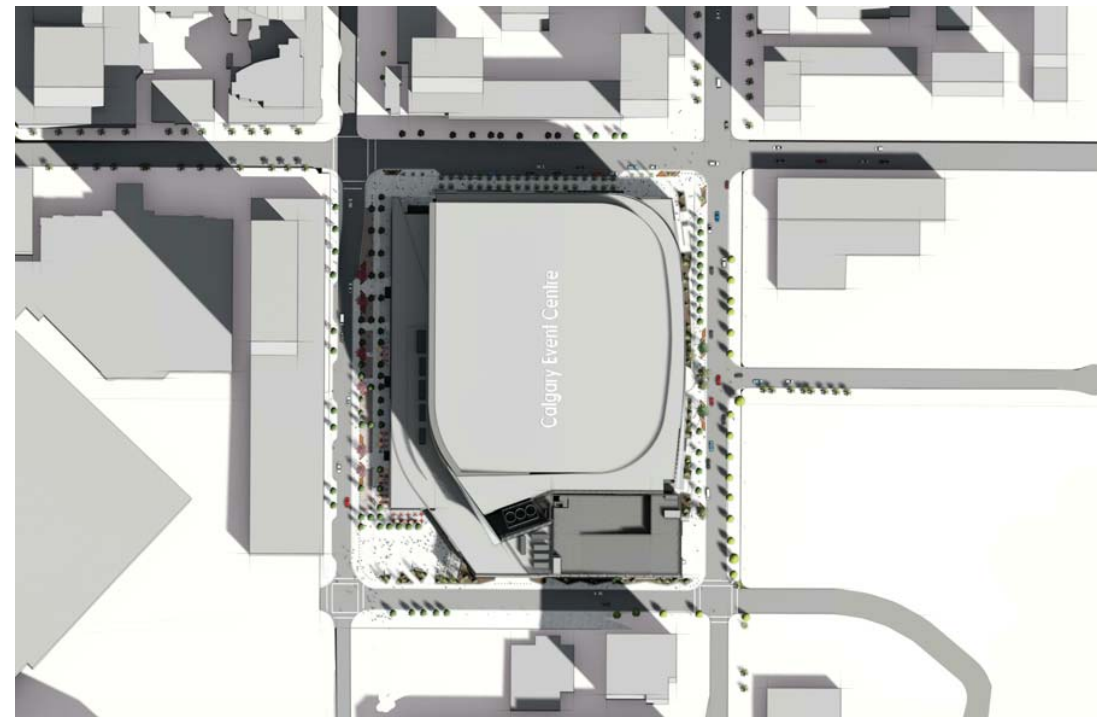
FIRE TRUCK
 CIRCULATION

DPA1.108

PLOT DATE: 10/24/2021 7:41:09 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



1 SEPTEMBER 21 SHADOW STUDY - 10AM
SCALE: 1:5



2 SEPTEMBER 21 SHADOW STUDY - 12PM
SCALE: 1:5



3 SEPTEMBER 21 SHADOW STUDY - 2PM
SCALE: 1:5



4 SEPTEMBER 21 SHADOW STUDY - 4PM
SCALE: 1:5

* NOTE LAYOUT OF CONTEXT BUILDINGS BASED ON POTENTIAL FUTURE BUILD-OUT OF RIVERS DISTRICT MASTER PLAN



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

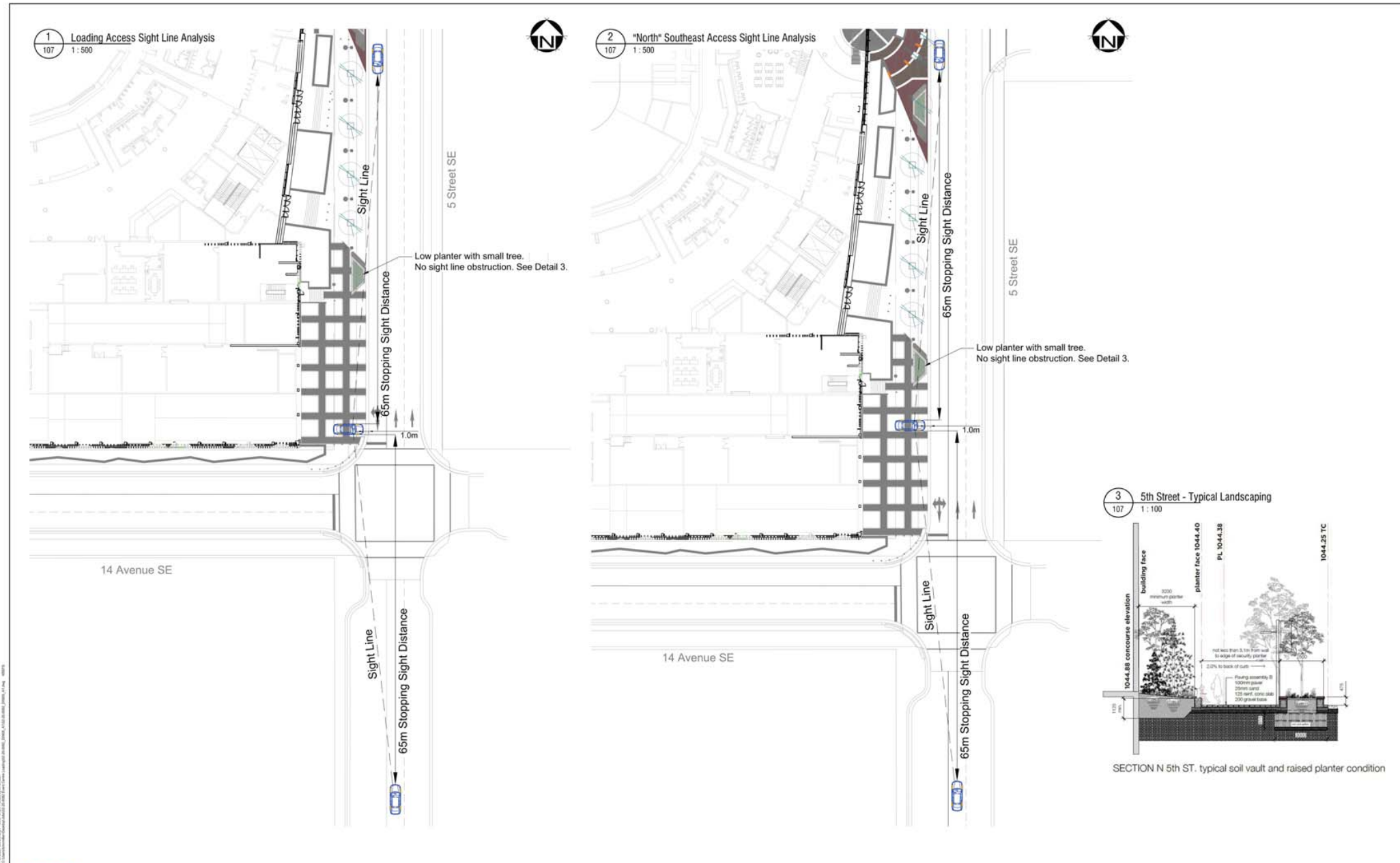
SITE ANALYSIS -
SHADOW STUDY

DPA1.109

PLOT DATE: 10/22/2021 1:30:02 PM



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



NOTES:

- The position of the outbound vehicles at the site accesses is based on 65m stopping sight distance being met against the current landscaping plan.
- Pedestrian & vehicle traffic management during events will be further reviewed in the Mobility & Event Management Plan (MEMP).
- Oversized loading vehicles will not arrive or depart during pre and post event periods.
- Loading access management will be reviewed as part of the MEMP.

NO.	REVISION	DATE	INITIAL	NO.	REVISION	DATE	INITIAL

PERMIT TO PRACTICE
Bunt & Associates Engineering Ltd.
Signature: _____
Date: 2021-10-20
PERMIT NUMBER: P13898
The Association of Professional Engineers, Geologists and Geophysicists of Alberta

Calgary Event Centre
Sight Line Analysis at Southeast Site Accesses

DRAWN BY: BM	SCALE: As shown	DATE: 2021-10-20	SHEET NO: 7 of 9
CHECKED BY: GP	DWG NO: A0-107	REV: 0	PROJECT: 02-20-0382
CADD SYSTEM: AutoCAD			



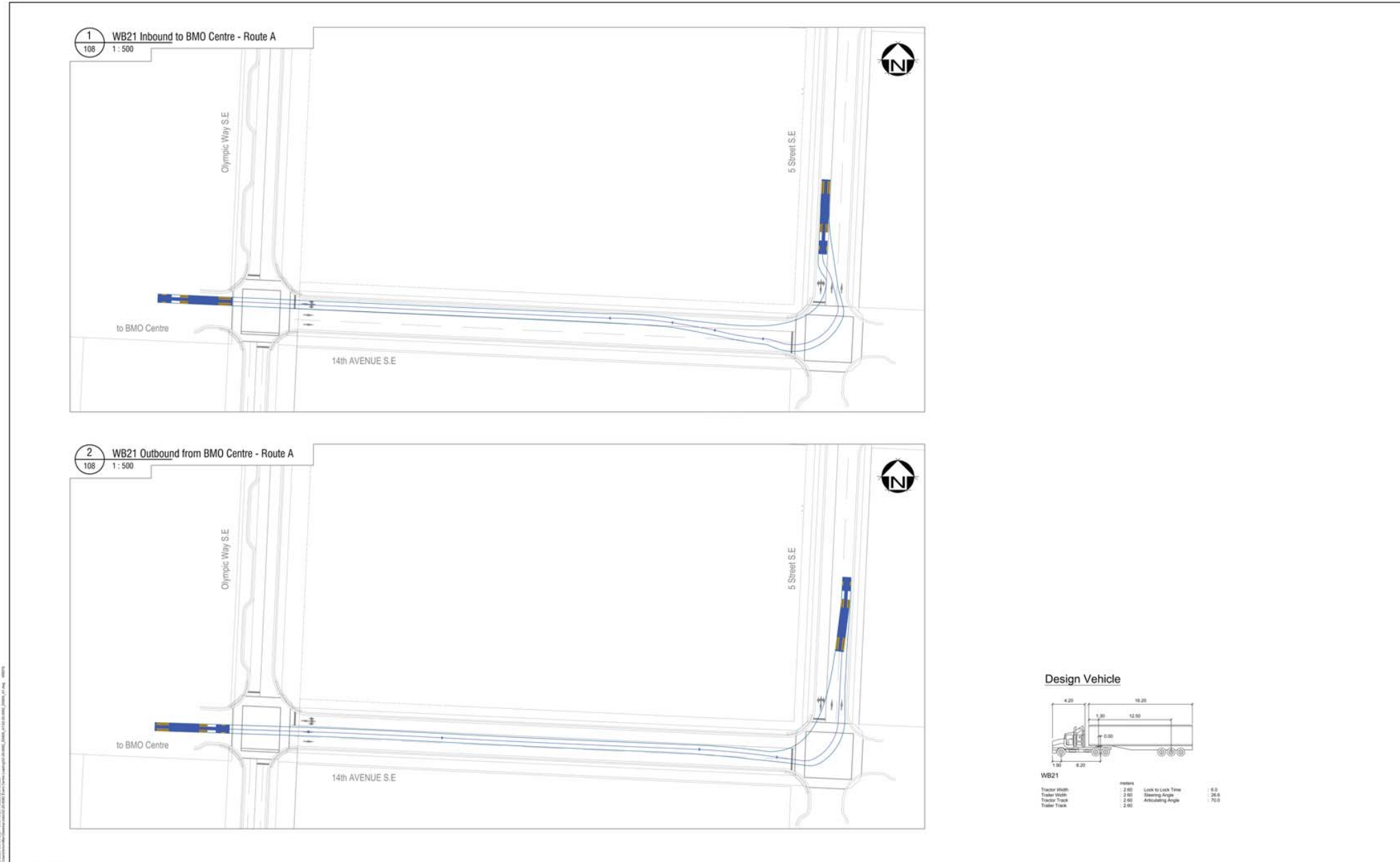
CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

SIGHT LINE ANALYSIS
AT LOADING ACCESS

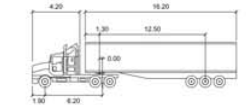
DPA1.110



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



Design Vehicle



WB21		units	Lock to Lock Time	6.8
Tractor Width	2.80	Steering Angle	26.8	
Tractor Wheel	2.80	Articulating Angle	70.0	
Tractor Track	2.80			

NOTES

- Truck maneuvers are based on "BMO Expansion Project" drawing A-203 provided by the City of Calgary. Medium single-unit loading truck maneuvers are shown on drawing A-203, with tractor-trailer units shown parked within the BMO site. WB21 loading vehicles are shown on this drawing to demonstrate the worst case vehicle maneuvering at 14 Avenue & 5 Street SE.



NO.	REVISION	DATE	INITIAL	NO.	REVISION	DATE	INITIAL

PERMIT TO PRACTICE
Bunt & Associates Engineering Ltd.
Signature: _____
Date: 2021-10-22
PERMIT NUMBER: P19898
The Association of Professional Engineers
Geologists and Geophysicists of Alberta



Calgary Event Centre
14 Avenue/5 Street Truck Maneuvering to/from
BMO Centre (Route A)

DRAWN BY: BM	SCALE: 1:250	DATE: 2021-10-04	SHEET NO: 8 of 9
CHECKED BY: GP	CAD SYSTEM: AutoCAD	DWG NO: A0-108	REV: 0
			PROJECT: 02-20-0002



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

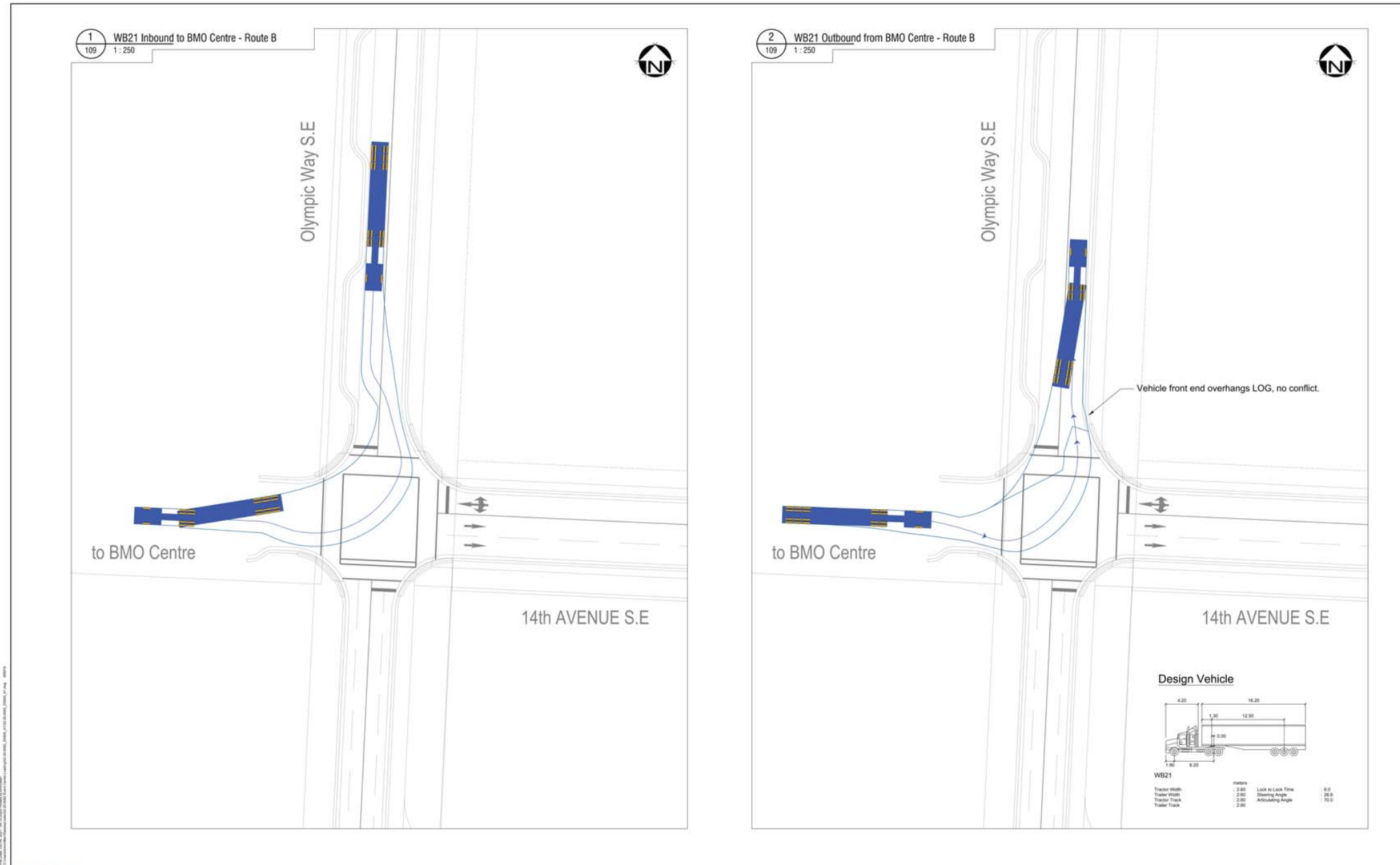
14 AVENUE/OLYMPIC
WAY TRUCK
MANEUVERING
(ROUTE A)

DPA1.111

PLOT DATE: 10/22/2021 1:30:50 PM



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



NOTES:

- Truck maneuvers are based on "BMO Expansion Project" drawing A-203 provided by the City of Calgary. Medium single-unit loading truck maneuvers are shown on drawing A-203, with tractor-trailer units shown parked within the BMO site. WB21 loading vehicles are shown on this drawing to demonstrate the worst case vehicle maneuvering at 14 Avenue & Olympic Way SE.

NO.	REVISION	DATE	INITIAL	NO.	REVISION	DATE	INITIAL

PERMIT TO PRACTICE
Bunt & Associates Engineering Ltd.
Signature: _____
Date: 2021-10-20
PERMIT NUMBER: P13086
The Association of Professional Engineers
Geologists and Geophysicists of Alberta

Calgary Event Centre
14 Avenue/Olympic Way Truck Maneuvering
to/from BMO Centre (Route B)

DRAWN BY: BM	SCALE: 1:250	DATE: 2021-10-04	SHEET NO. 9 of 9
CHECKED BY: GP	DWG. NO. A0-109	REV. 0	PROJECT 02-20-0002



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

14 AVENUE/OLYMPIC WAY TRUCK MANEUVERING (ROUTE B)

DPA1.112

PLOT DATE: 10/22/2021 1:31:16 PM



ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2



Base Map Source: City of Calgary Maps

Potential Bicycle Corral Locations - Stampede Lots



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

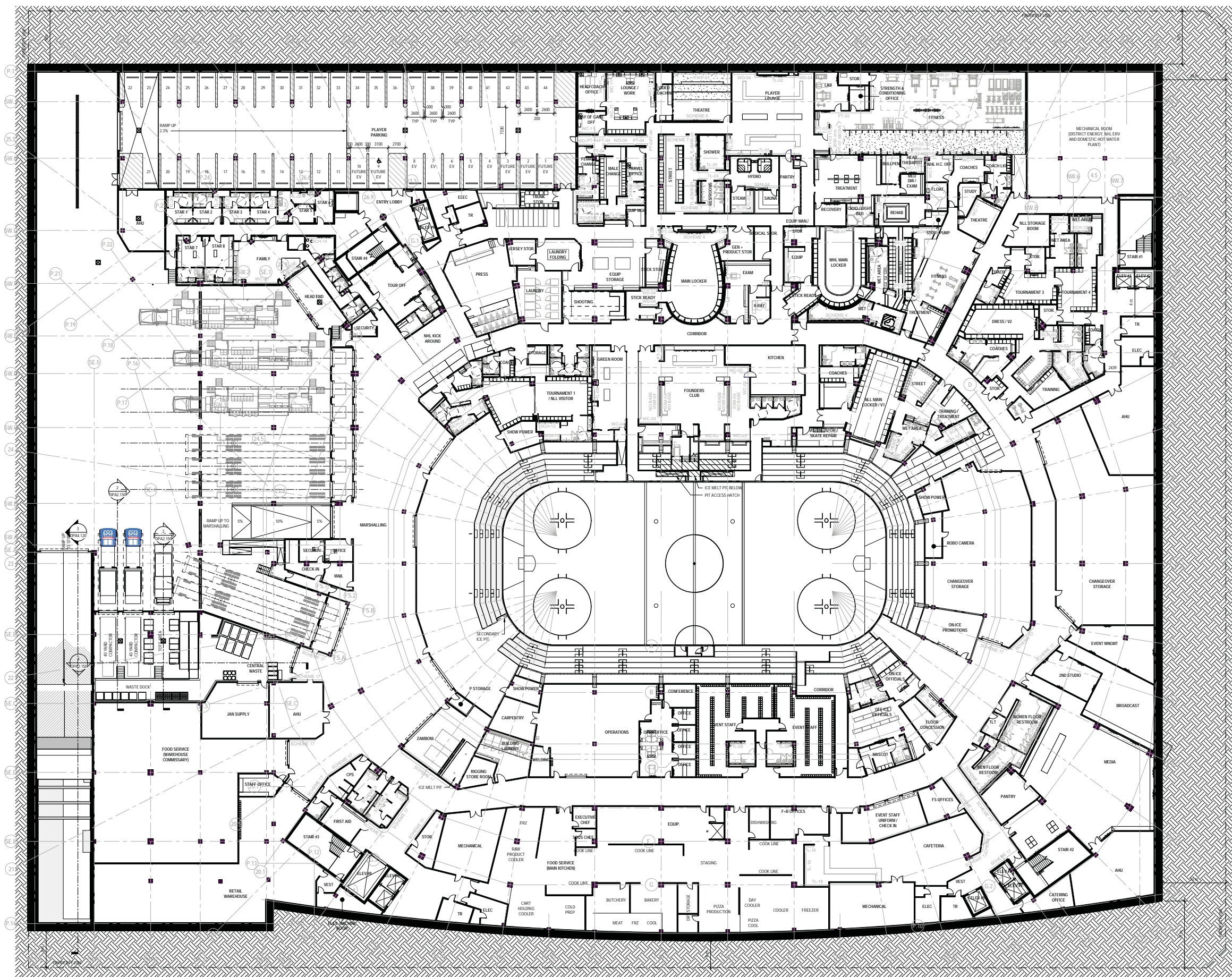
POTENTIAL BICYCLE
CORRAL LOCATIONS

DPA1.113

PLOT DATE: 10/22/2021 1:31:21 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



PROJECT NORTH
1
01 - EVENT LEVEL
SCALE: 1:200
DPA2.100



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

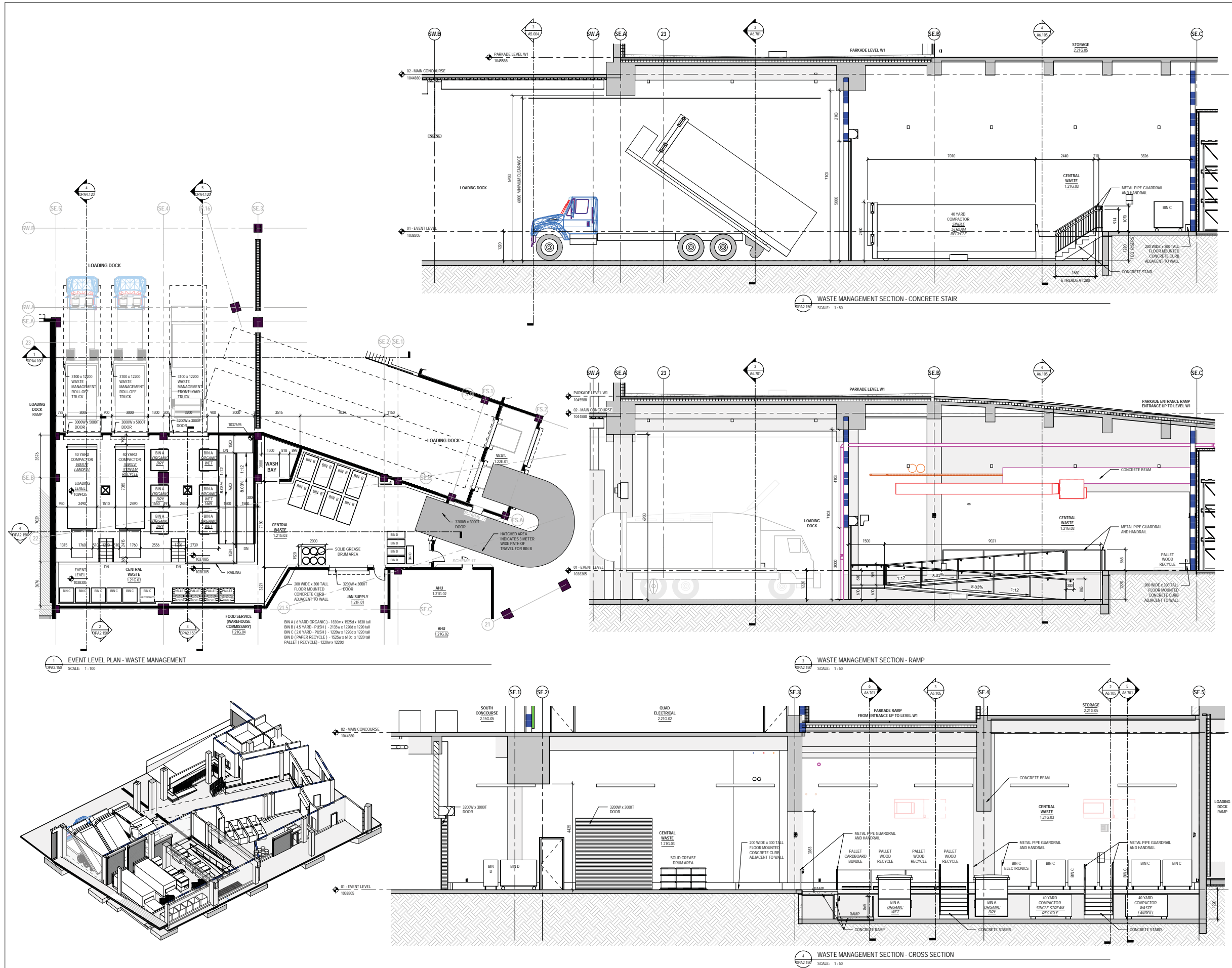
EVENT LEVEL -
OVERALL FLOOR
PLAN

DPA2.100

PLOT DATE: 10/22/2021 10:12:08 PM



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

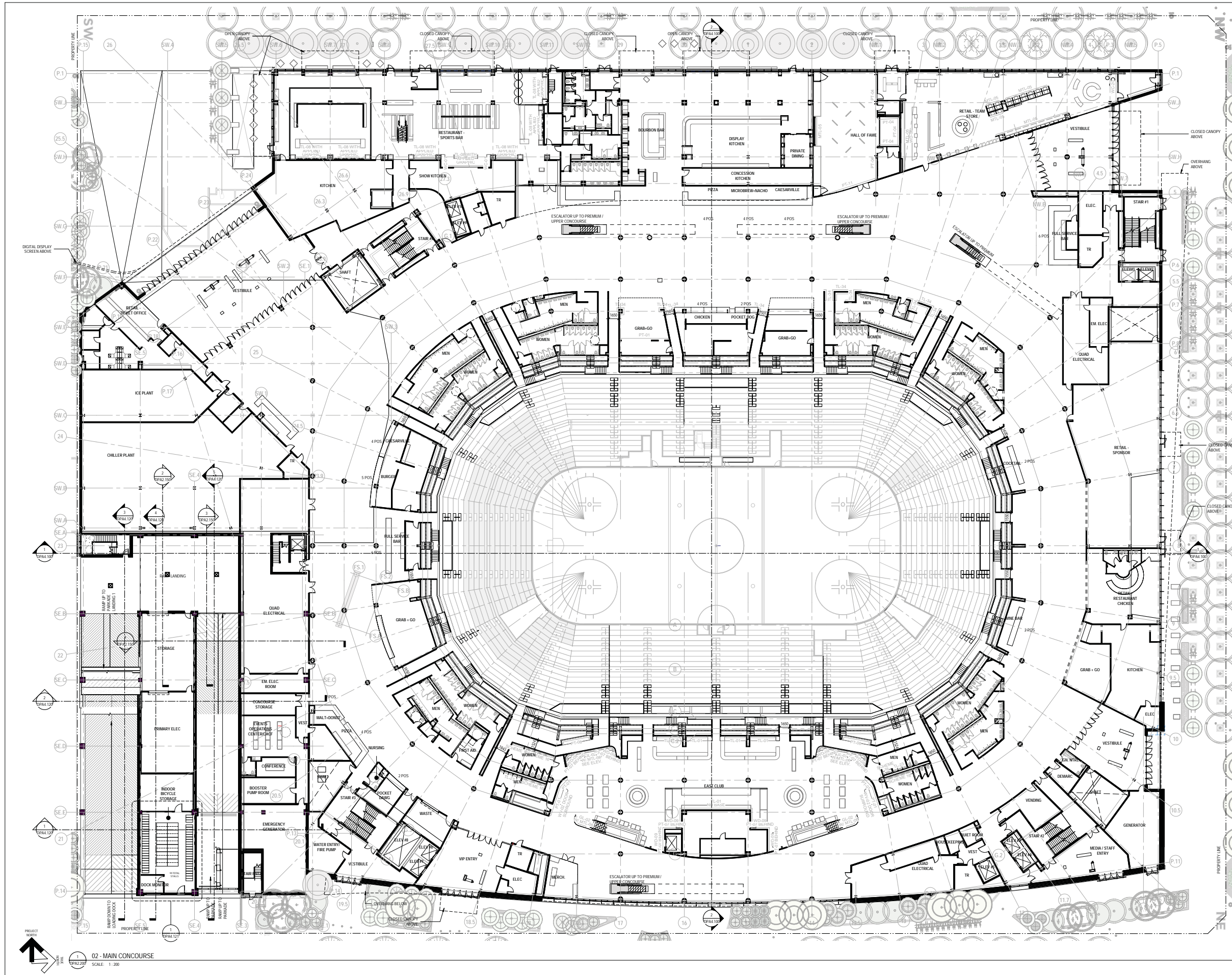
WASTE COLLECTION
PLANS AND SECTIONS

DPA2.150

PLOT DATE: 10/21/2021 6:32:53 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

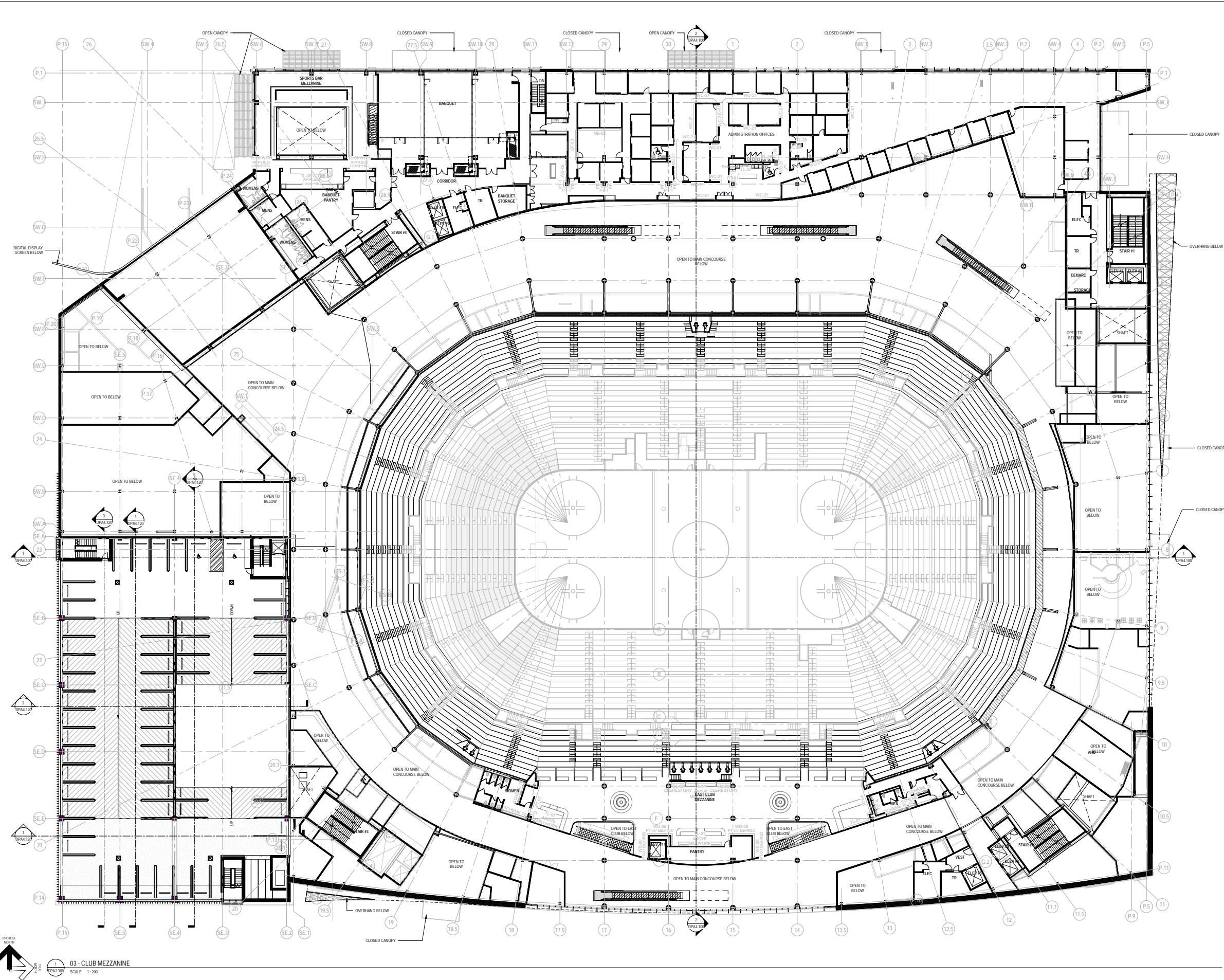
MAIN CONCOURSE -
OVERALL FLOOR
PLAN

DPA2.200

PLOT DATE: 10/22/2021 10:12:39 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

**CLUB MEZZANINE -
OVERALL FLOOR
PLAN**

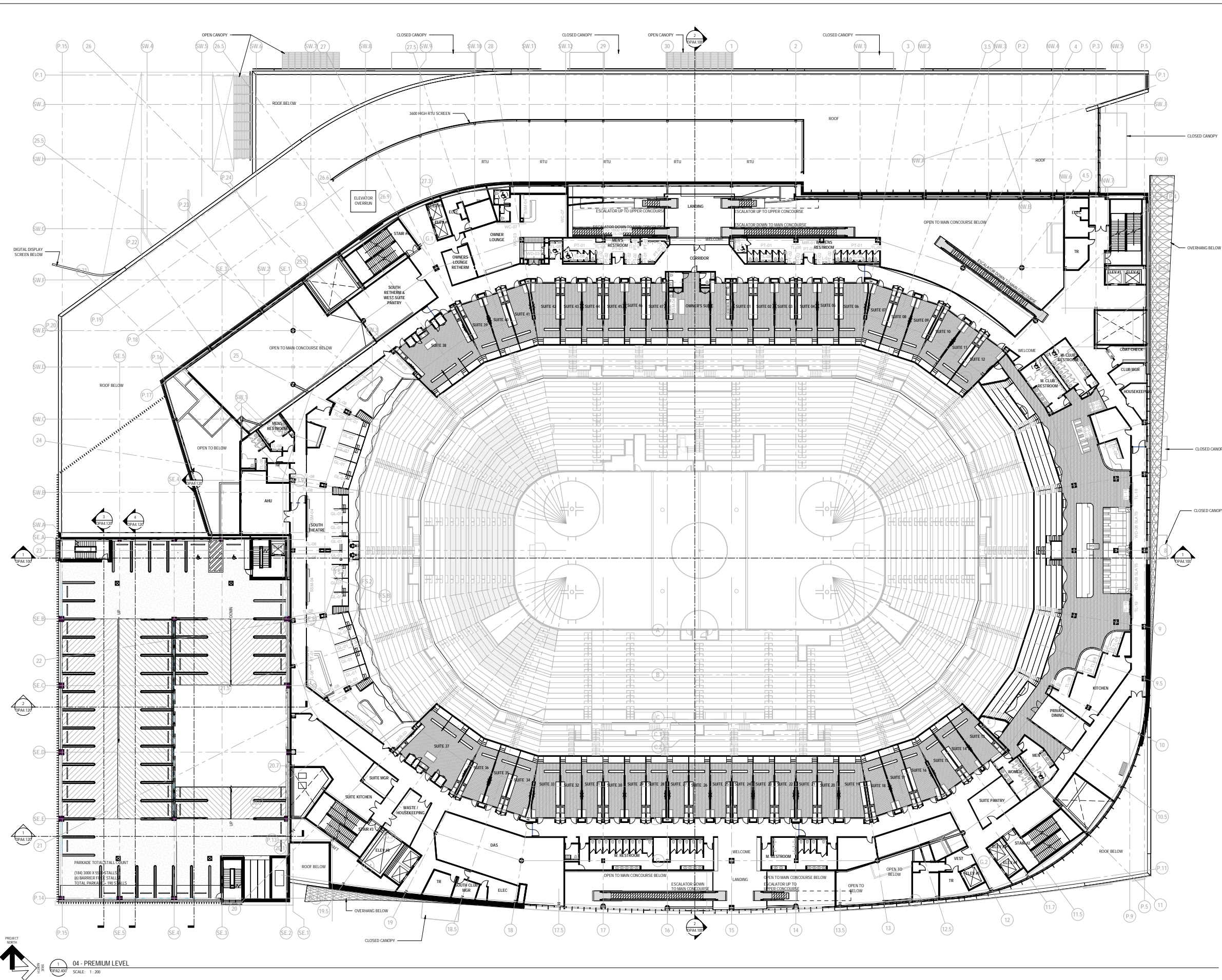
DPA2.300

PLOT DATE: 10/22/2021 10:13:03 PM

PROJECT NORTH
03 - CLUB MEZZANINE
SCALE: 1:200



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



PROJECT NORTH
04 - PREMIUM LEVEL
SCALE: 1:300



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

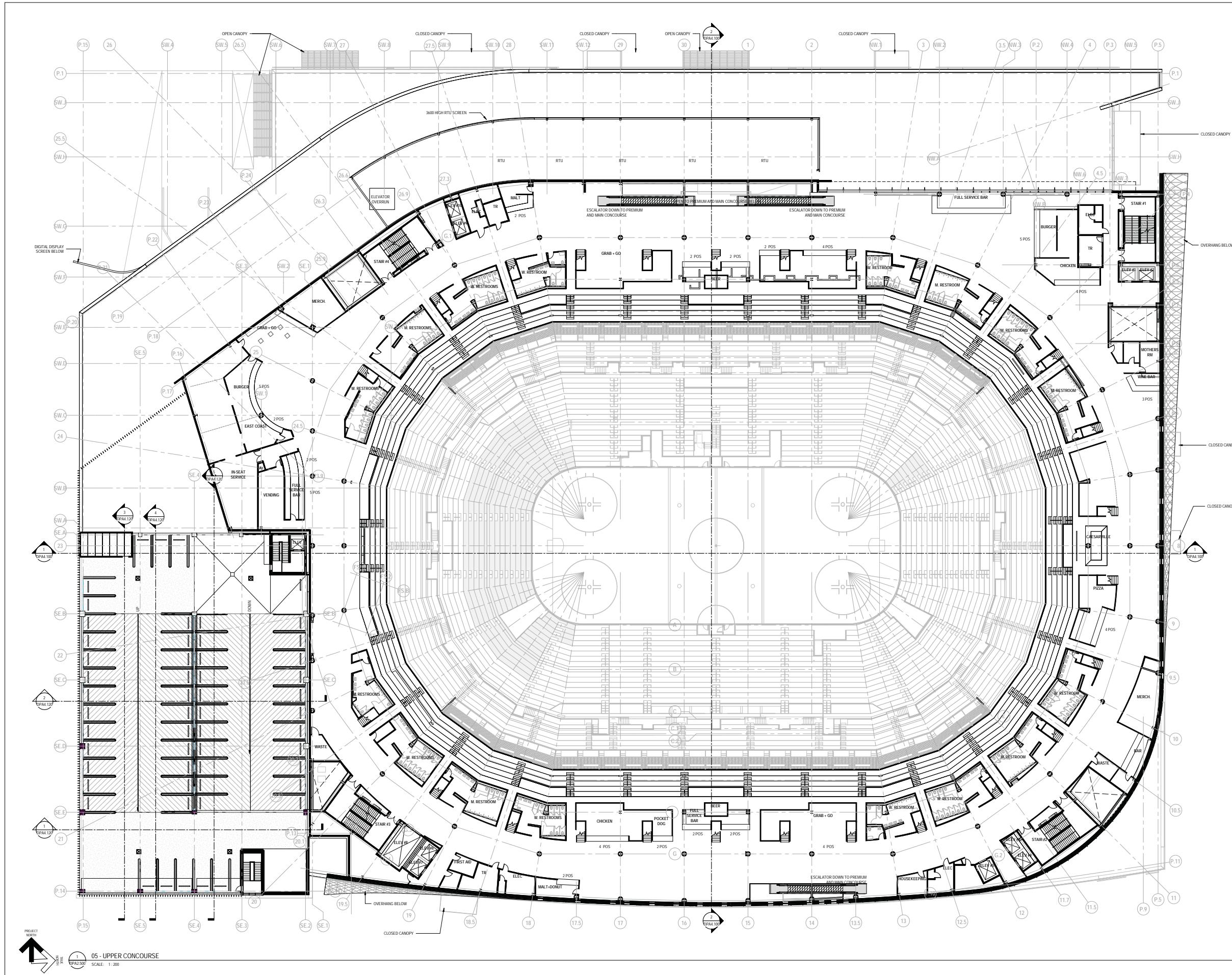
PREMIUM LEVEL -
OVERALL FLOOR
PLAN

DPA2.400

PLOT DATE: 10/22/2021 10:13:46 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

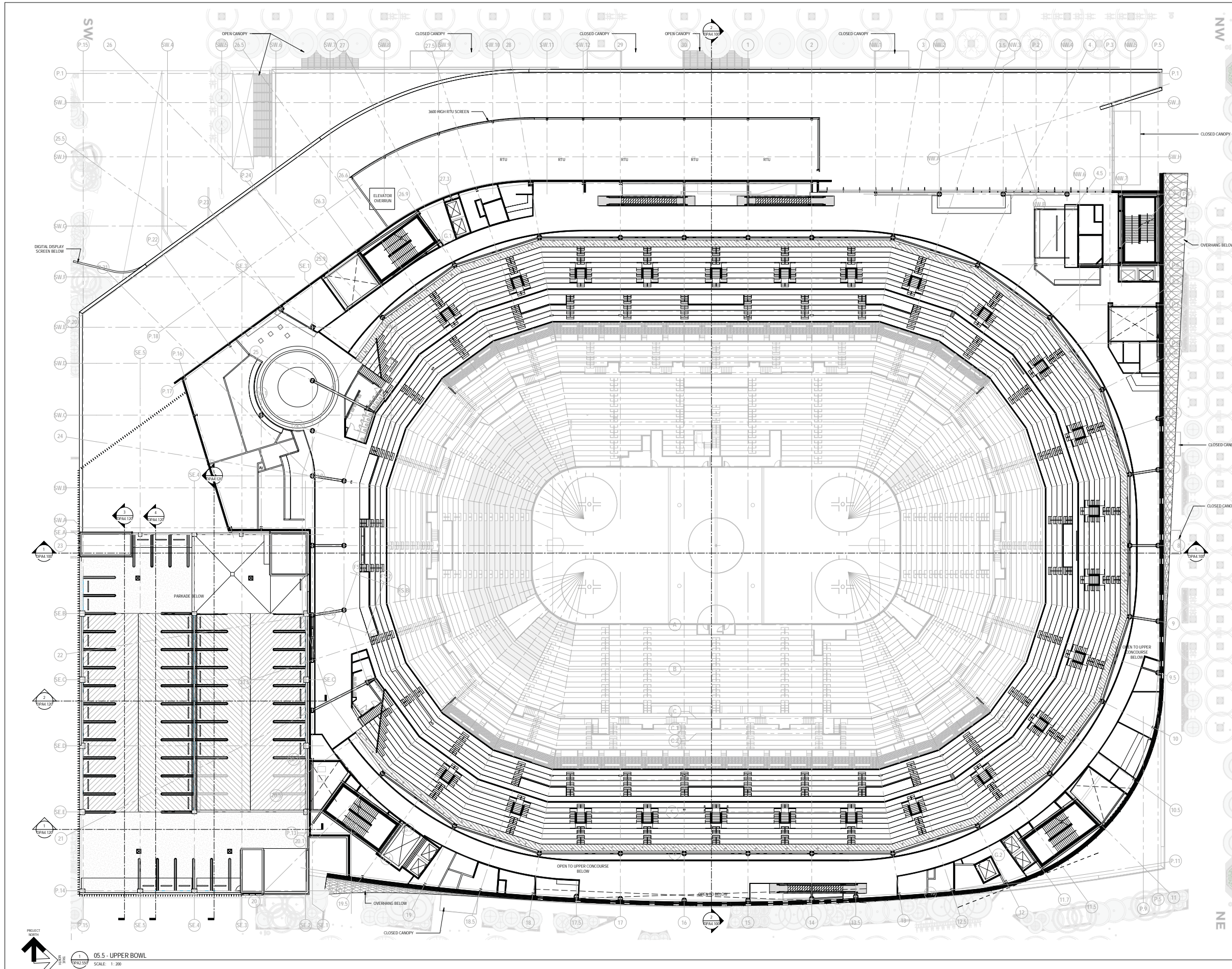
UPPER CONCOURSE -
OVERALL FLOOR
PLAN

DPA2.500

PLOT DATE: 10/22/2021 10:14:16 PM



ISSUED FOR
1 2021-06-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

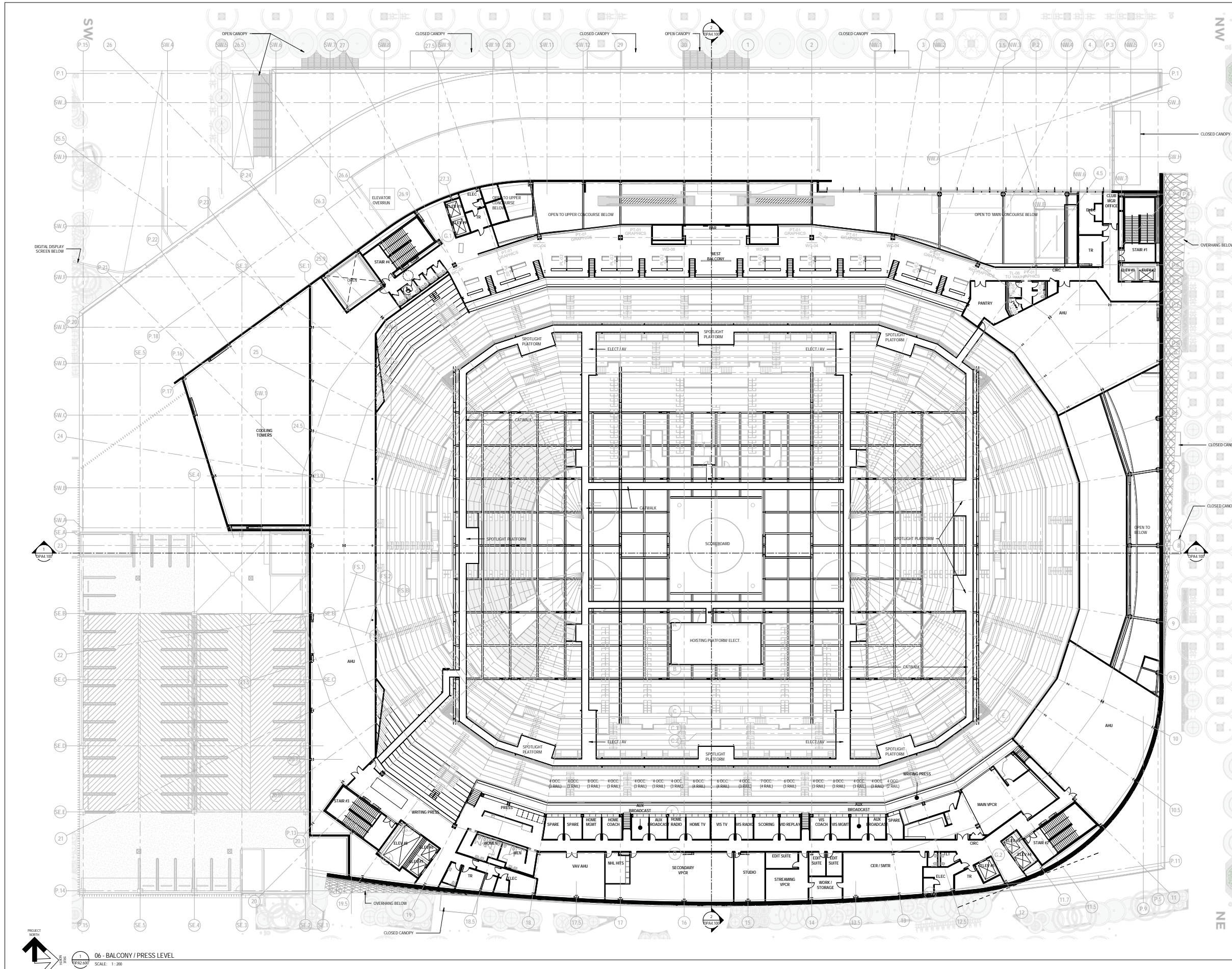
UPPER BOWL -
OVERALL FLOOR
PLAN

DPA2.550

PLOT DATE: 10/21/2021 6:35:26 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

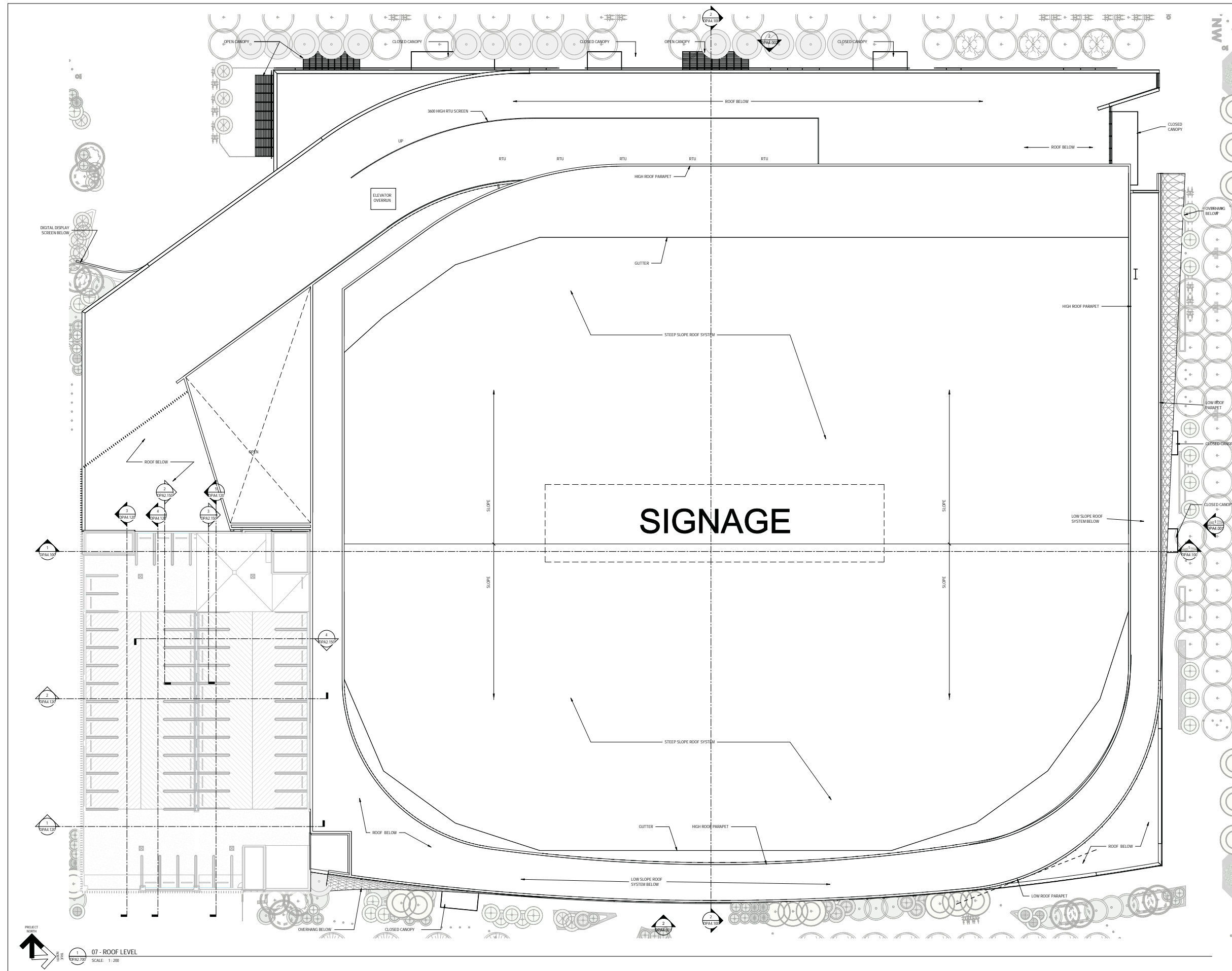
BALCONY LEVEL -
OVERALL FLOOR
PLAN

DPA2.600

PLOT DATE: 10/21/2021 6:35:58 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

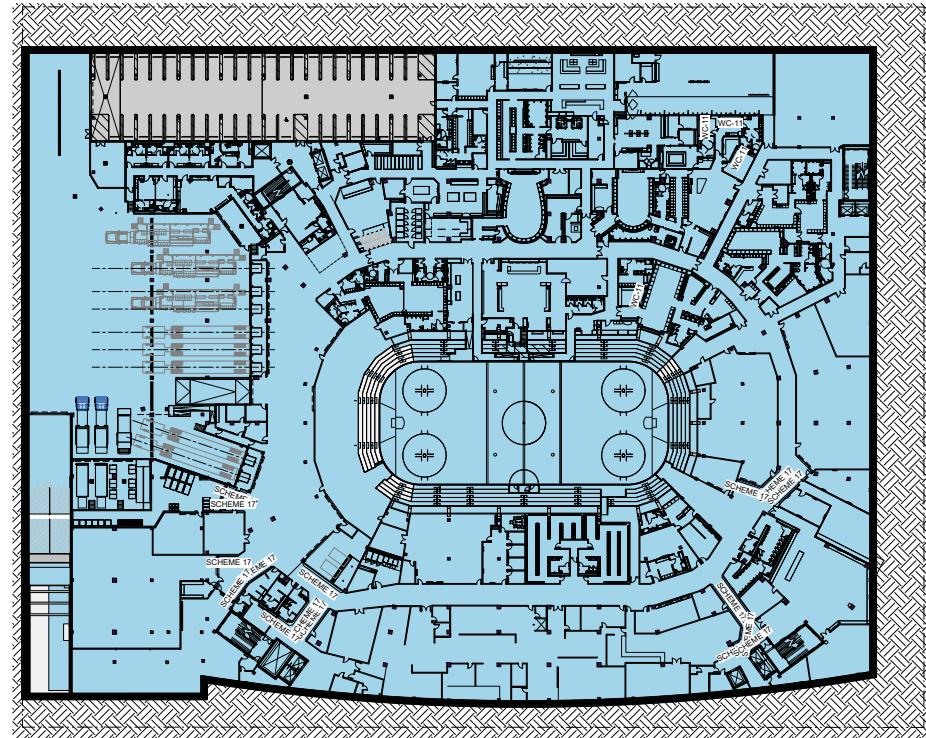
ROOF - OVERALL
FLOOR PLAN

DPA2.700

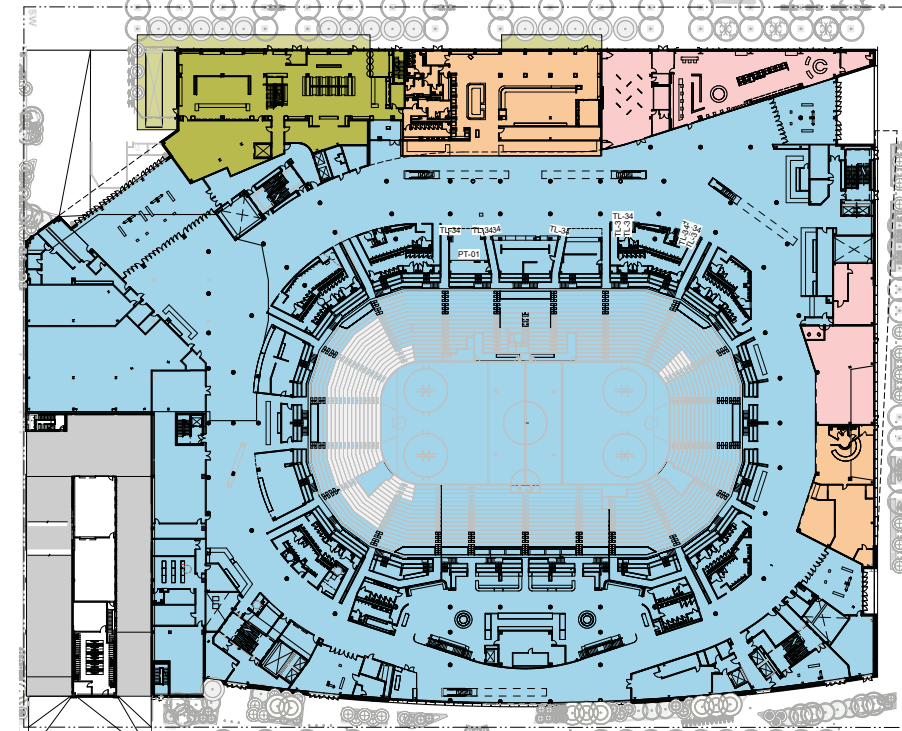
PLOT DATE: 10/21/2021 6:36:22 PM



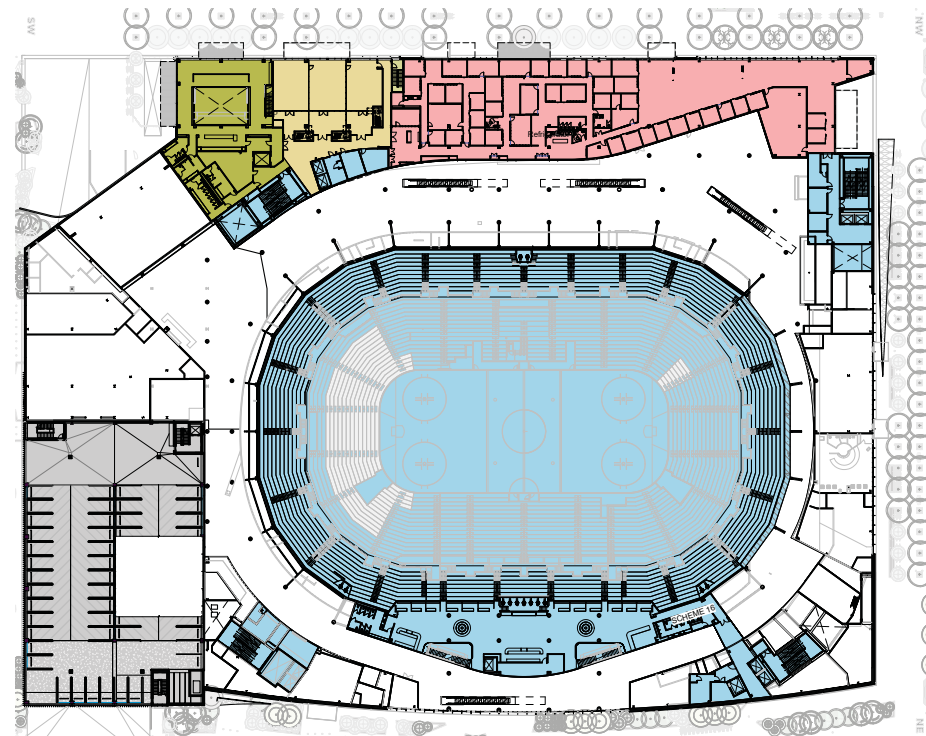
ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



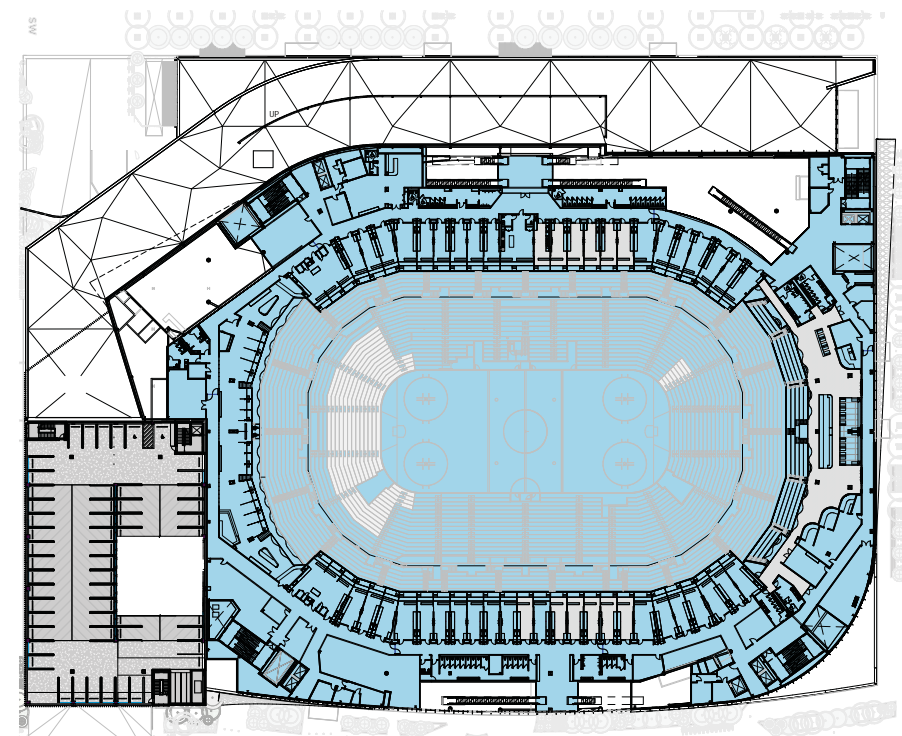
1 01 - EVENT LEVEL
SCALE: 1:300



2 02 - MAIN CONCOURSE
SCALE: 1:500



3 03 - CLUB MEZZANINE
SCALE: 1:300



4 04 - PREMIUM LEVEL
SCALE: 1:500

BYLAW ZONING LEGEND

[Light Blue Box]	PARKING AREAS AND PARKING STRUCTURES
[Light Blue Box]	COLISEUM
[Yellow Box]	DRINKING ESTABLISHMENTS
[Orange Box]	RESTAURANT - LICENSED
[Pink Box]	RETAIL STORES
[Yellow Box]	ACCESSORY FOOD SERVICES
[Pink Box]	OFFICES



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

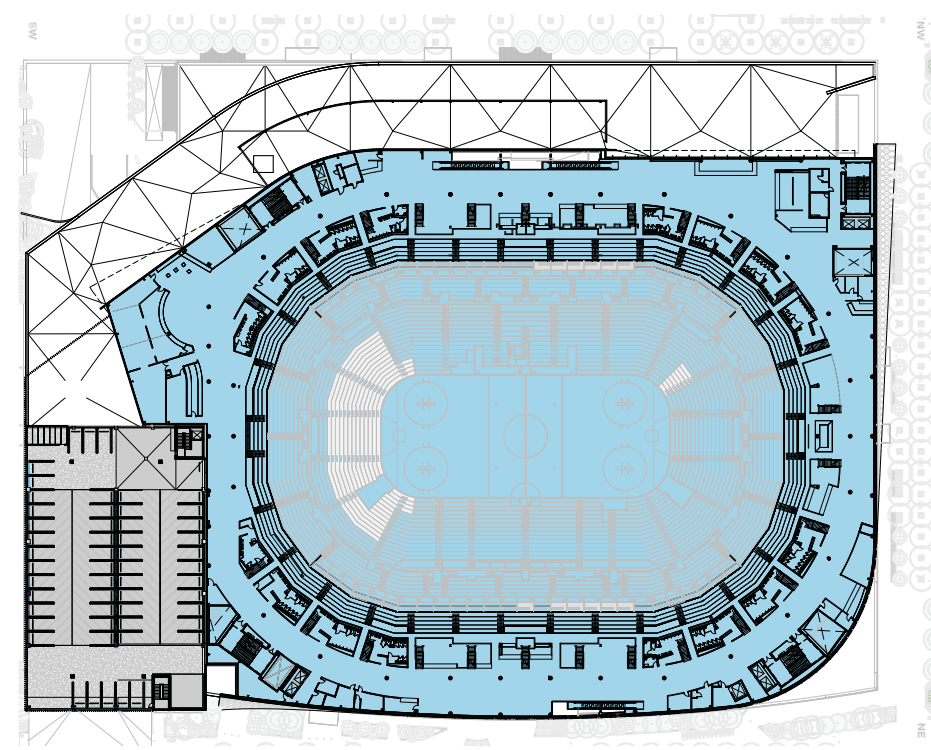
BYLAW ZONING PLAN

DPA2.800

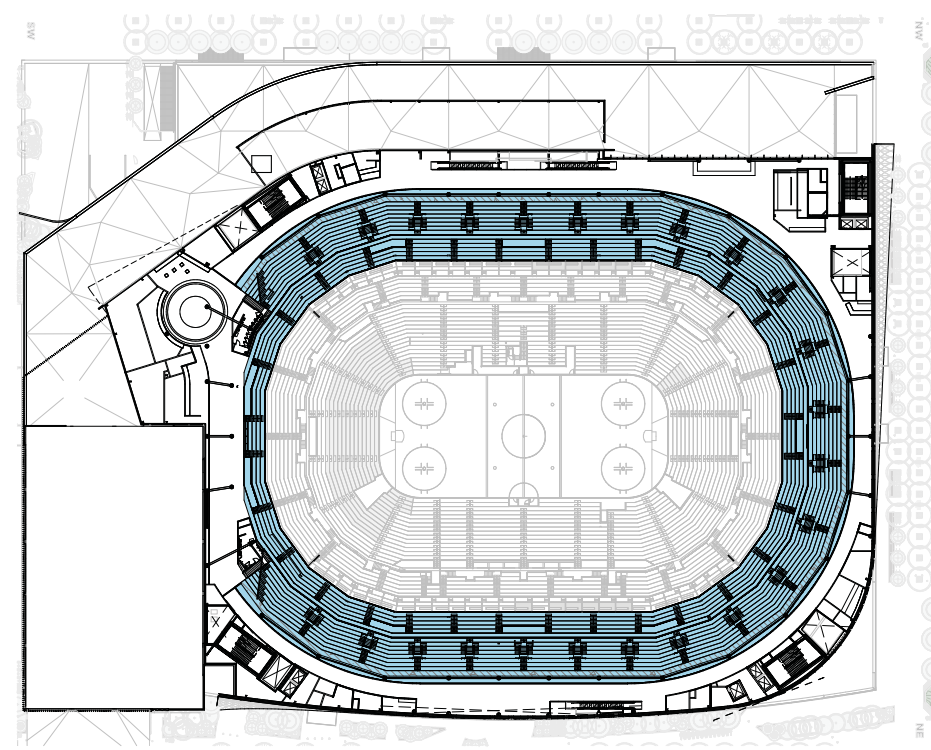
PLOT DATE: 10/21/2021 6:38:39 PM



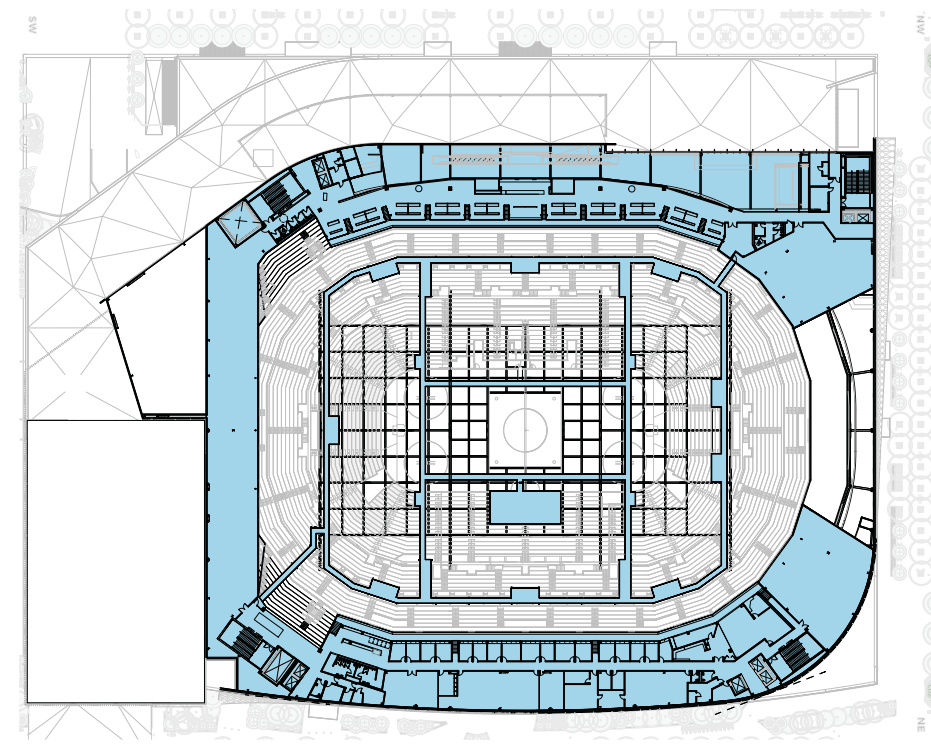
ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



1 05 - UPPER CONCOURSE
SCALE: 1:500



2 05.5 - UPPER BOWL
SCALE: 1:500



3 06 - BALCONY / PRESS LEVEL
SCALE: 1:500

BYLAW ZONING LEGEND

[Grey Box]	PARKING AREAS AND PARKING STRUCTURES
[Blue Box]	COLISEUM
[Green Box]	DRINKING ESTABLISHMENTS
[Orange Box]	RESTAURANT - LICENSED
[Pink Box]	RETAIL STORES
[Yellow Box]	ACCESSORY FOOD SERVICES
[Red Box]	OFFICES



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

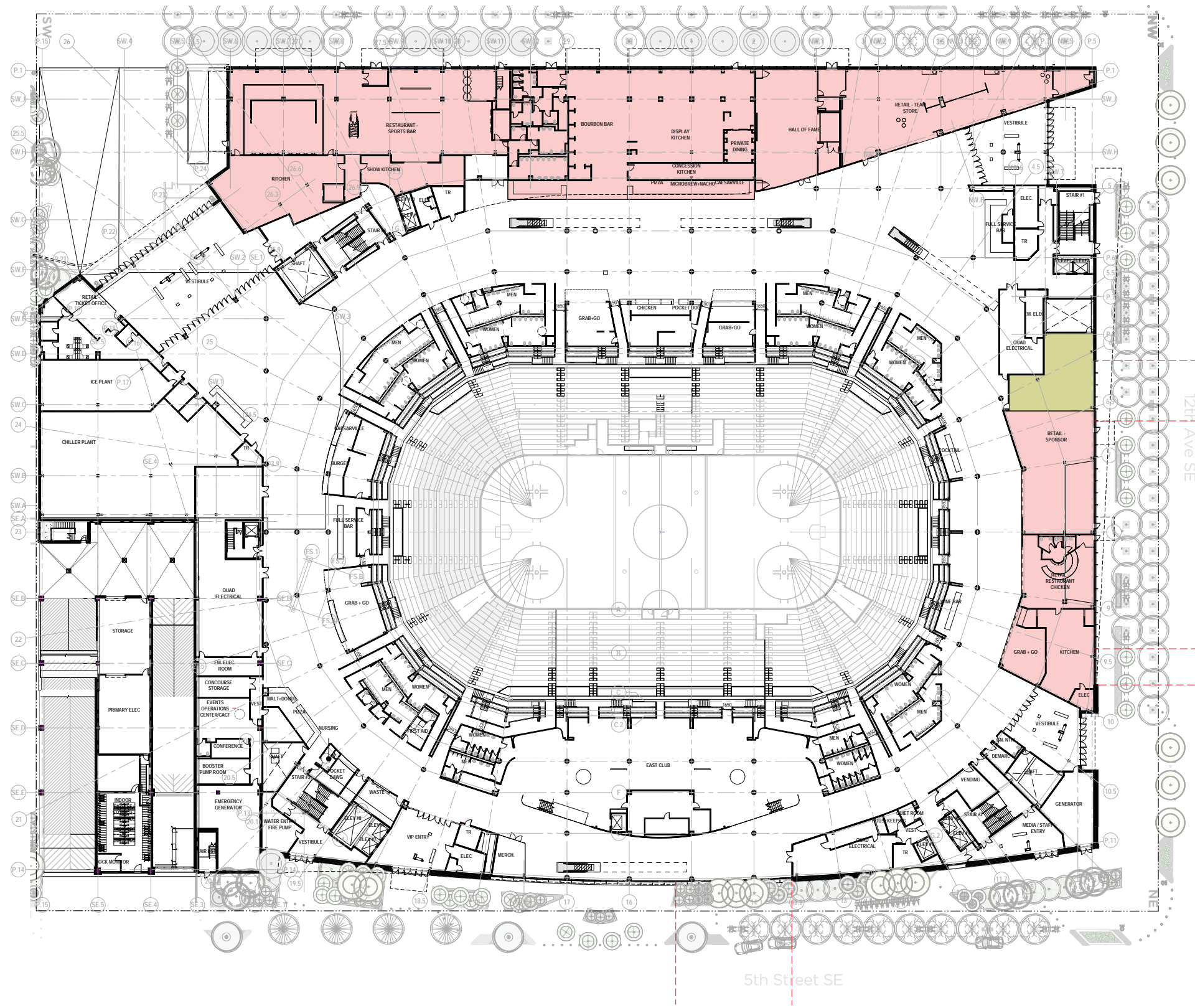
BYLAW ZONING PLAN

DPA2.801

PLOT DATE: 10/21/2021 6:40:48 PM



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



1 MAIN CONCOURSE PLAN - DTR1 CHANGE SUMMARY
SCALE: 1:250



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

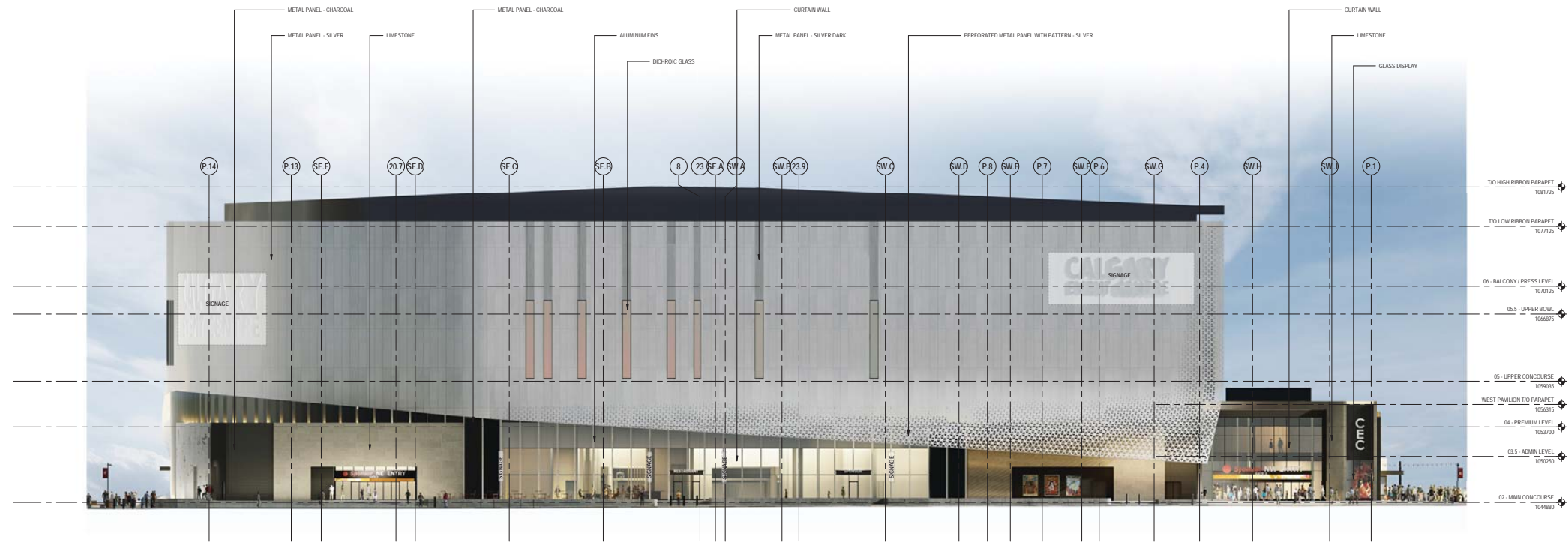
DTR1 CHANGE
SUMMARY PLAN

DPA2.900

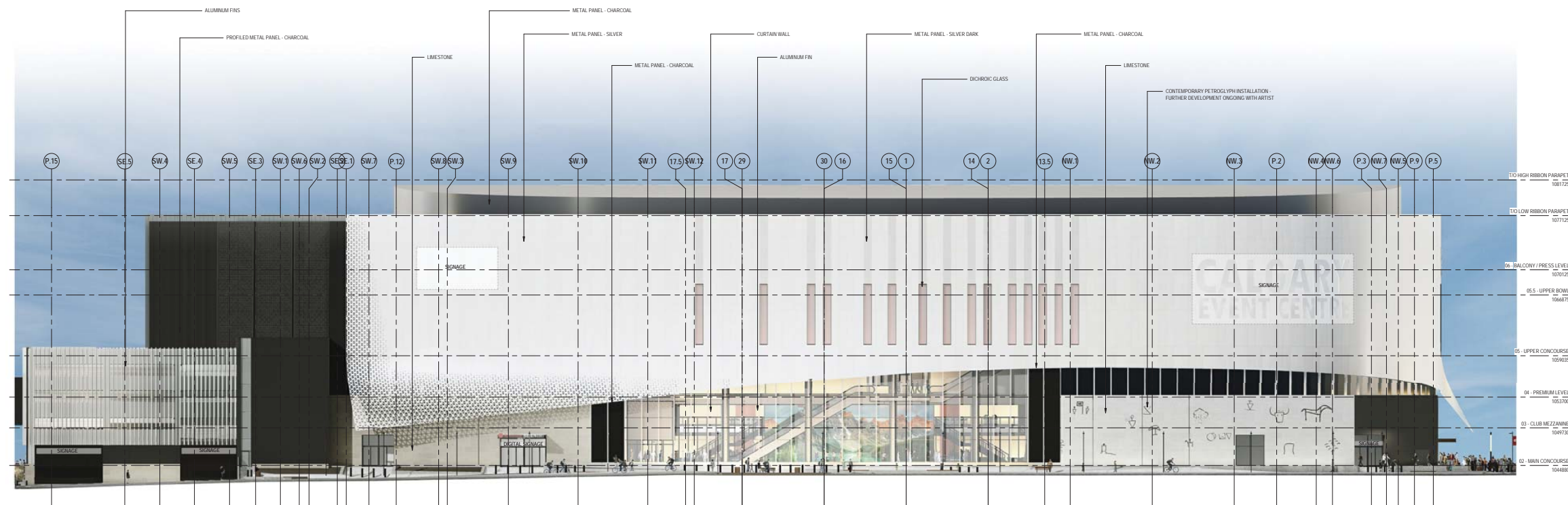
PLOT DATE: 10/21/2021 6:41:57 PM



ISSUED FOR
 1 2021-08-03 DEVELOPMENT PERMIT
 2 2021-10-05 DP RESUBMISSION
 3 2021-10-22 DP RESUBMISSION 2



1 EXTERIOR ELEVATION - NORTH
SCALE: 1:200



2 EXTERIOR ELEVATION - EAST
SCALE: 1:200



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

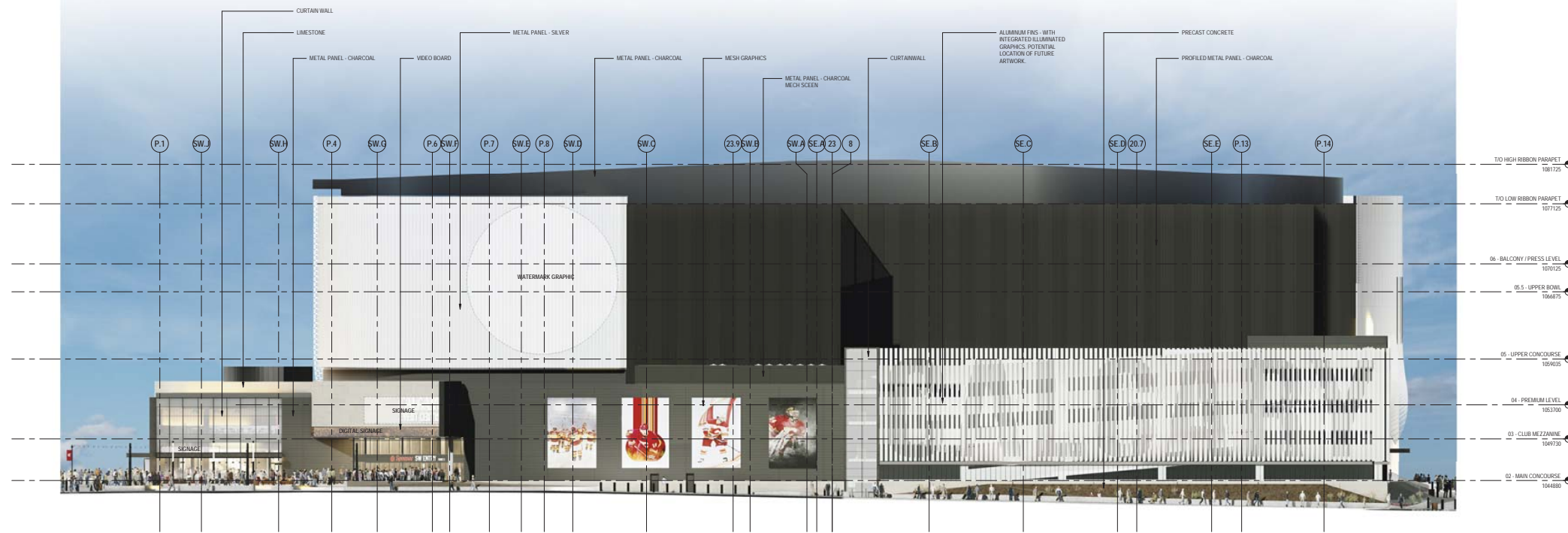
EXTERIOR
ELEVATIONS - NORTH
AND EAST

DPA4.001

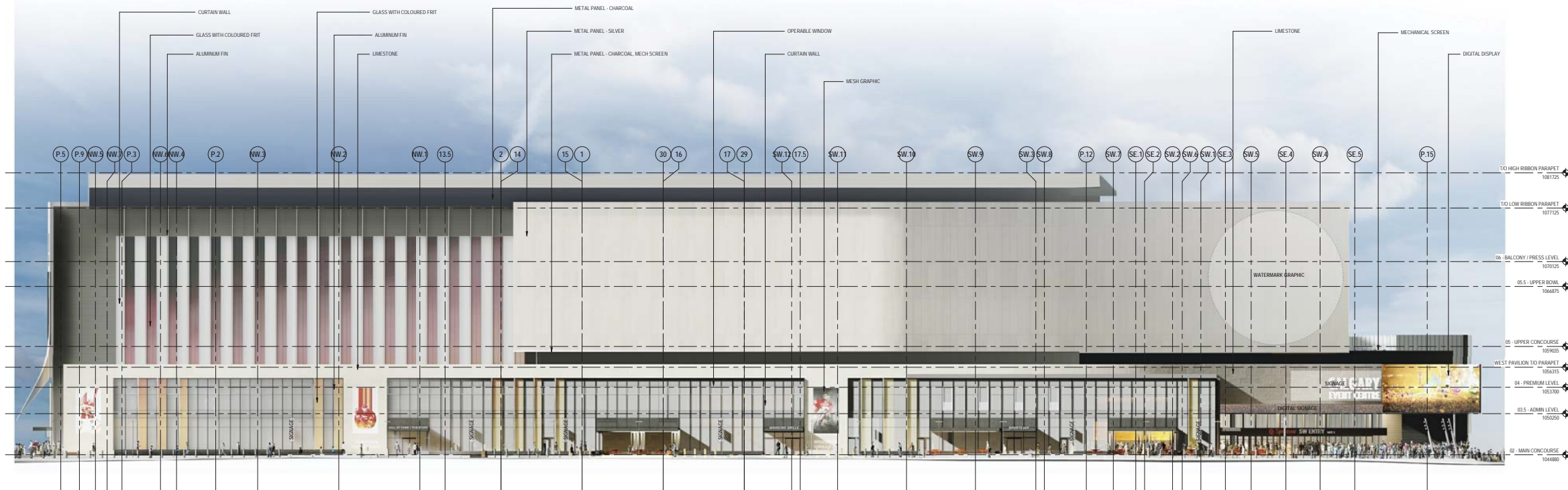
PLOT DATE: 2021-10-24 3:04:52 AM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



1 EXTERIOR ELEVATION - SOUTH
SCALE: 1:200



1 EXTERIOR ELEVATION - WEST
SCALE: 1:200



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

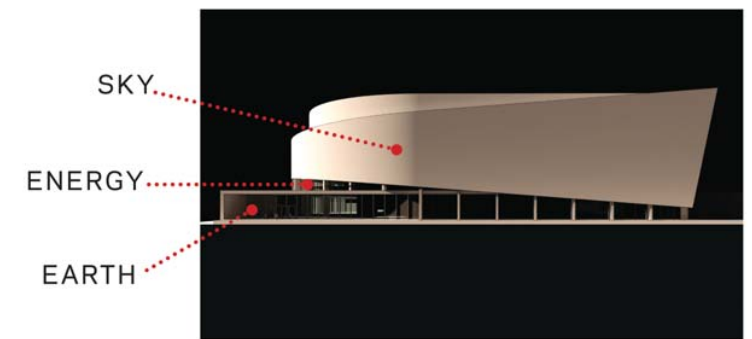
EXTERIOR
ELEVATIONS - SOUTH
AND WEST

DPA4.002

PLOT DATE: 2021-10-24 3:05:54 AM

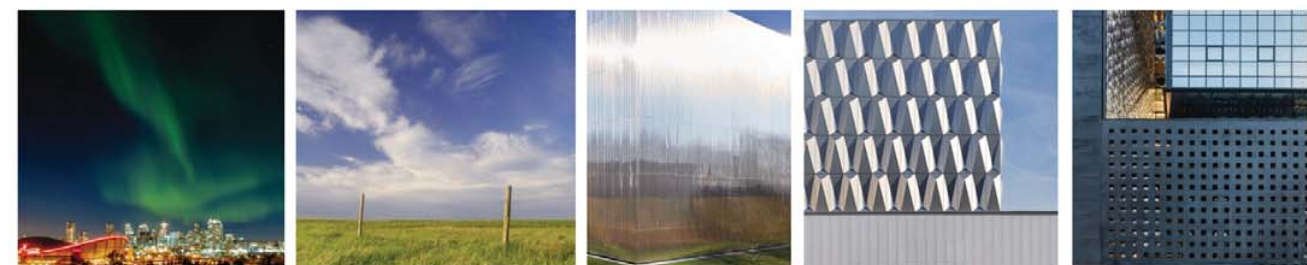


ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



1 CONCEPT MASSING AND MATERIAL APPLICATION SKETCH
SCALE: NTS

SKY
PATTERNING / COOL / REFLECTION



ENERGY
LIGHT / WARMTH / TRANSPARENCY



EARTH
ROCKIES / STONE / RIVERS



2 MATERIAL CONCEPT DIAGRAM
SCALE: NTS



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

MATERIAL AND
APPLICATION
CONCEPT

DPA4.003

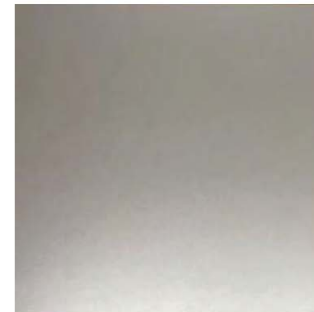
PLOT DATE: 10/21/2021 6:42:02 PM



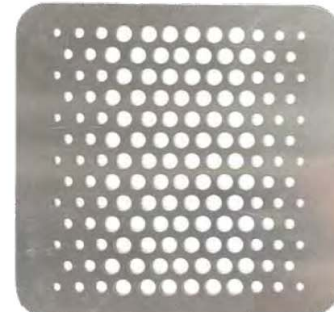
ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



Metal Panel - Charcoal



Metal Panel - Silver



Perforated Metal



Solarban 60 Curtainwall Glass - Neutral



Coloured Glass Frit



Indiana Limestone - Standard Buff



Clear Anodized Curtainwall Mullions



Black Curtainwall Mullions



Clear Anodized Aluminum Fins



Video Boards and Banners

1 MATERIAL BOARD
DPA4.004 SCALE: NTS



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

MATERIAL BOARD

DPA4.004

PLOT DATE: 10/21/2021 6:42:06 PM



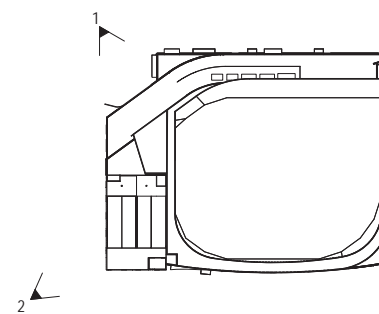
ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



1 SOUTHWEST PLAZA AND ENTRANCE
SCALE: N.T.S.



2 AERIAL VIEW DAY
SCALE: N.T.S.



3 KEY PLAN
SCALE: 1:1500



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

EXTERIOR 3D VIEWS

DPA4.051

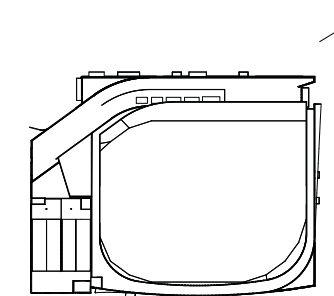
PLOT DATE: 10/21/2021 6:22:38 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



1 NW CORNER AND ENTRANCE
SCALE: 1/25



2 KEY PLAN
SCALE: 1/1500



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

EXTERIOR 3D VIEWS

DPA4.052

PLOT DATE: 10/21/2021 6:22:38 PM



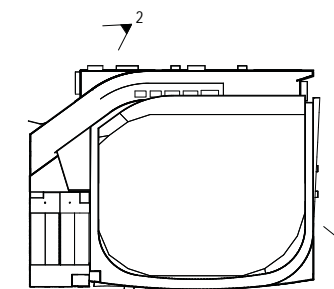
ISSUED FOR
1 2021-08-11 DP ADDITIONAL INFORMATION
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



1 NORTH RESTAURANT LOOKING WEST WITH VIEWS INTO CONCOURSE
SCALE: 1:5



2 SOUTHWEST SPORTS BAR
SCALE: 1:5



3 KEY PLAN
SCALE: 1:1500



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

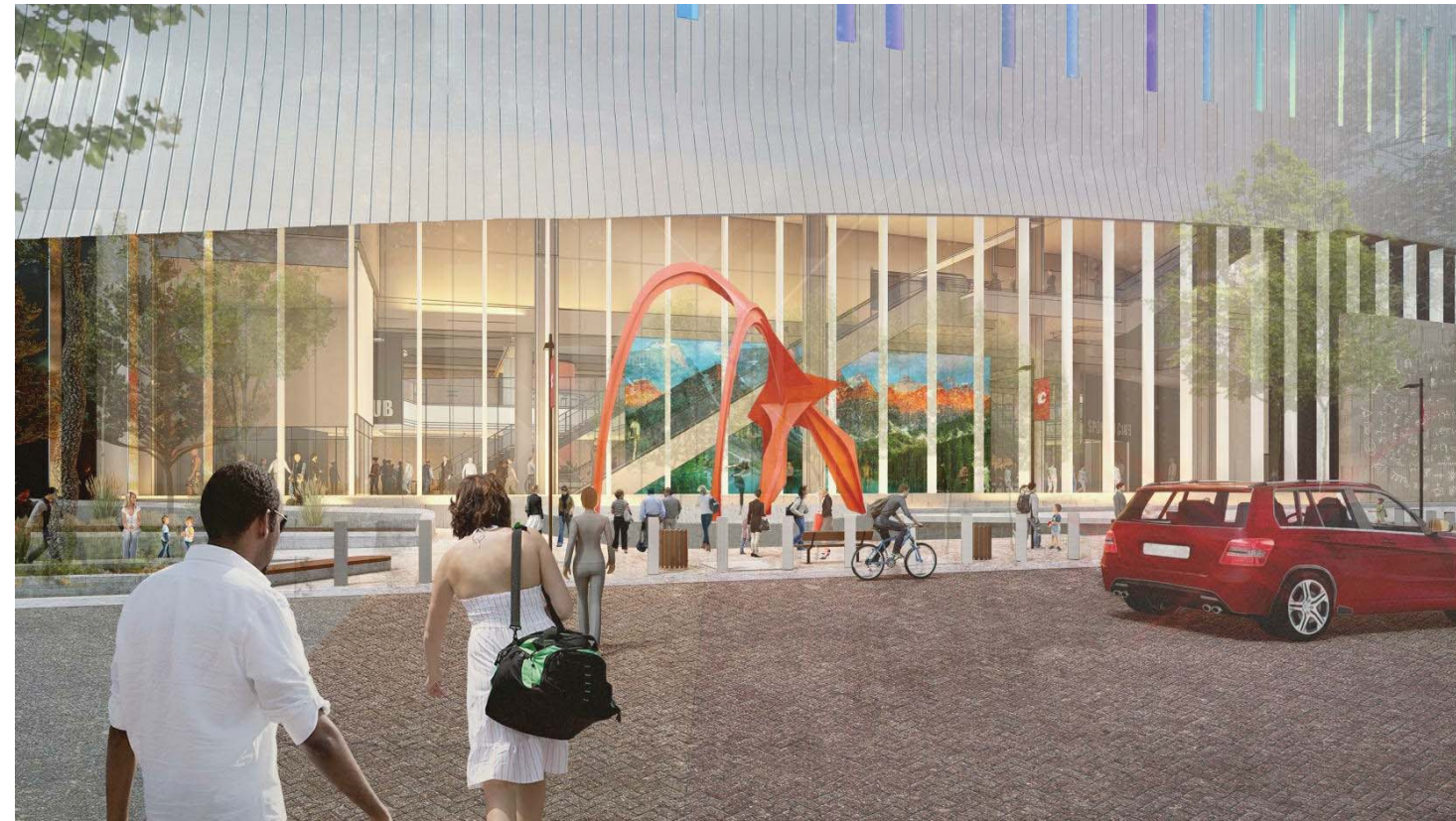
EXTERIOR 3D VIEWS

DPA4.053

PLOT DATE: 10/21/2021 6:22:38 PM



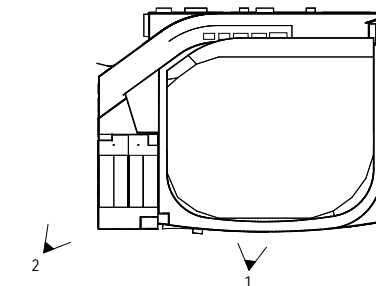
ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



1 EAST ELEVATION VIEW TO EAST CLUB WITH FUTURE OUTDOOR ARTWORK
SCALE: NTS



2 SOUTH PARKADE ELEVATION WITH GRAPHIC APPLICATION
SCALE: NTS



3 KEY PLAN
SCALE: 1:1500



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

EXTERIOR 3D VIEWS

DPA4.054

PLOT DATE: 10/21/2021 6:42:08 PM



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



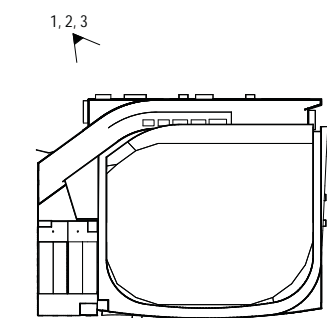
1 WEST ELEVATION WITH RIBBON PROJECTION 1
SCALE: NTS



2 WEST ELEVATION WITH RIBBON PROJECTION 3
SCALE: NTS



3 WEST ELEVATION WITH RIBBON PROJECTION 2
SCALE: NTS



4 KEY PLAN
SCALE: 1:1500



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

EXTERIOR 3D VIEWS

DPA4.055

PLOT DATE: 10/21/2021 6:42:08 PM



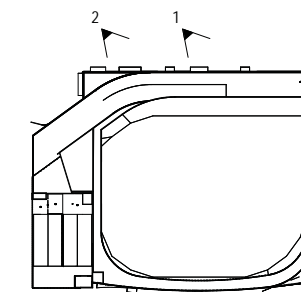
ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2



1 OLYMPIC WAY PEDESTRIAN VIEW NORTH
SCALE: NTS



2 OLYMPIC WAY PEDESTRIAN VIEW NORTH AT SPORTSBAR
SCALE: NTS



3 KEY PLAN
SCALE: 1:1500



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

EXTERIOR 3D VIEWS

DPA4.056

PLOT DATE: 2021-10-24 8:38:54 PM



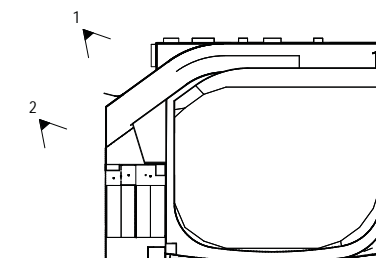
ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2



1 SW PLAZA WITH RIBBON WATERMARK GRAPHIC
SCALE: NTS



2 SOUTH ELEVATION VIEW FROM FUTURE FESTIVAL PLAZA
SCALE: NTS



3 KEY PLAN
SCALE: 1:1500



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

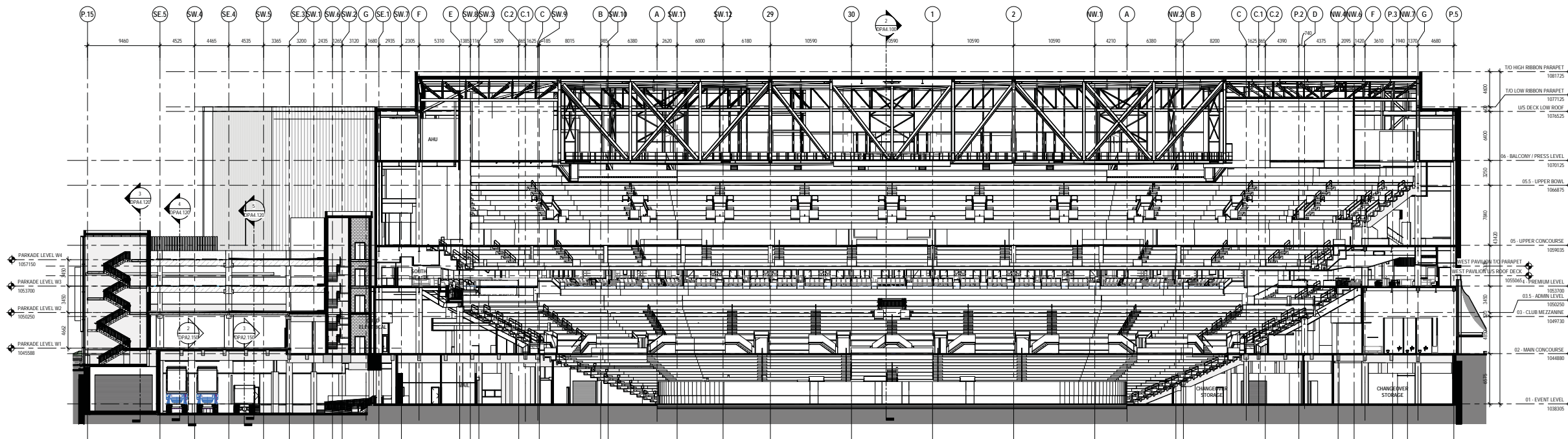
EXTERIOR 3D VIEWS

DPA4.057

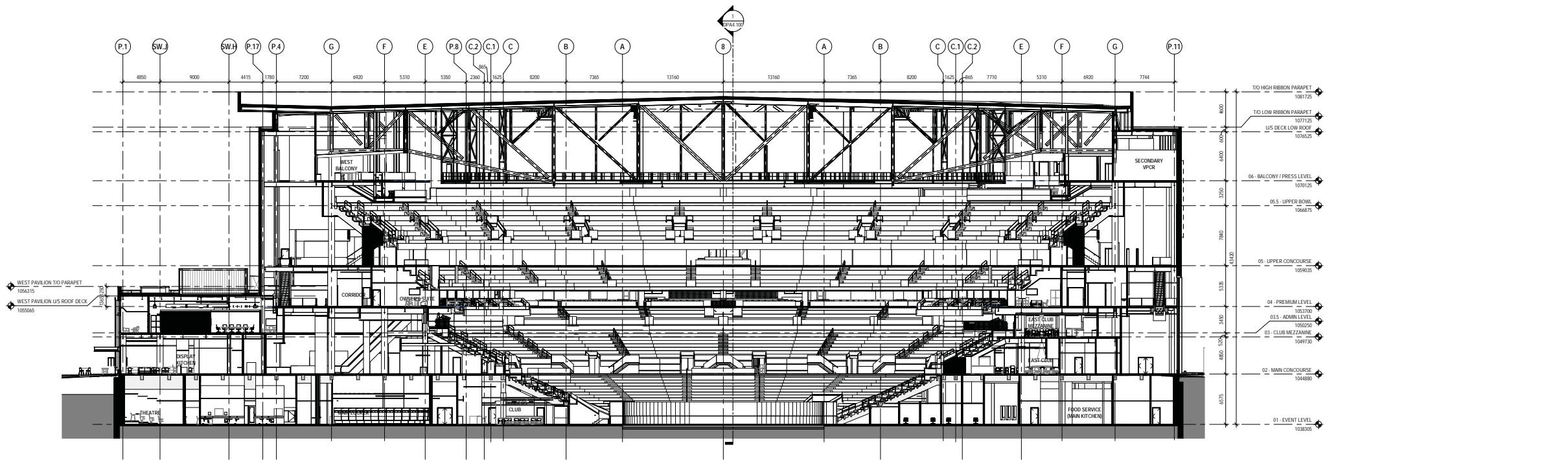
PLOT DATE: 2021-10-24 8:40:40 PM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



1 LONGITUDINAL BUILDING SECTION
SCALE: 1:200



2 TRANSVERSE BUILDING SECTION
SCALE: 1:200



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

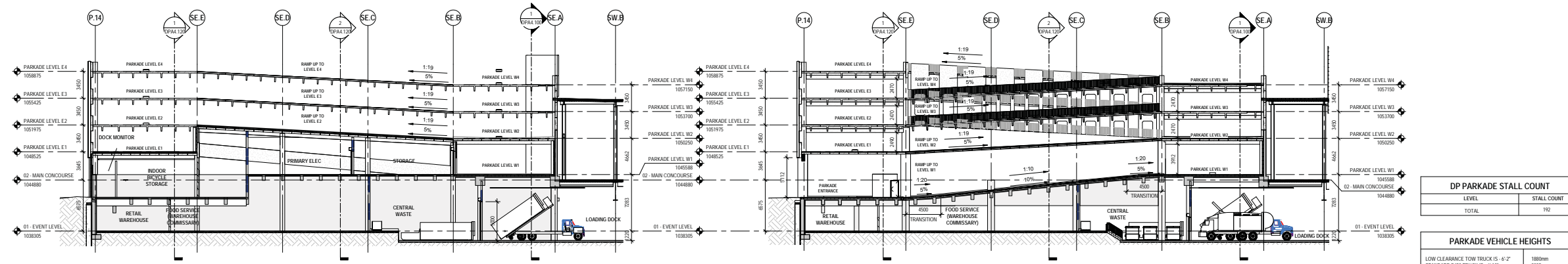
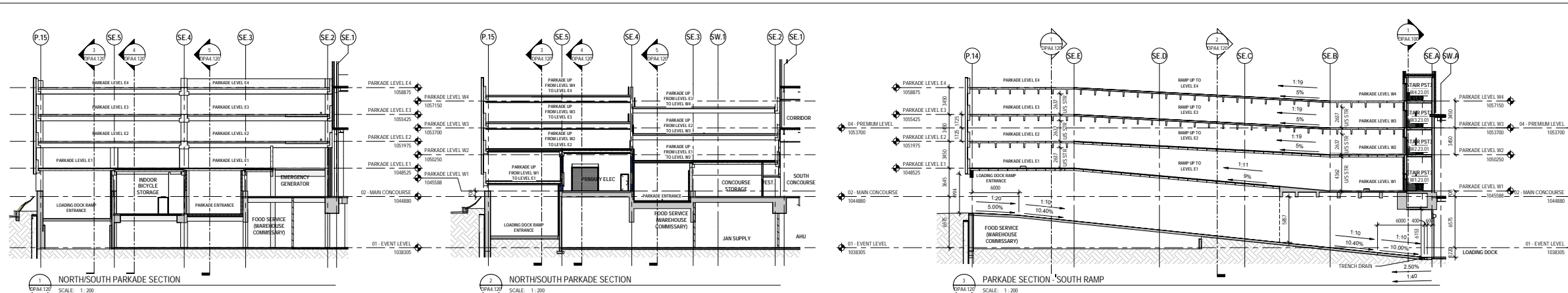
BUILDING SECTIONS -
OVERALL

DPA4.100

PLOT DATE: 10/21/2021 6:42:57 PM

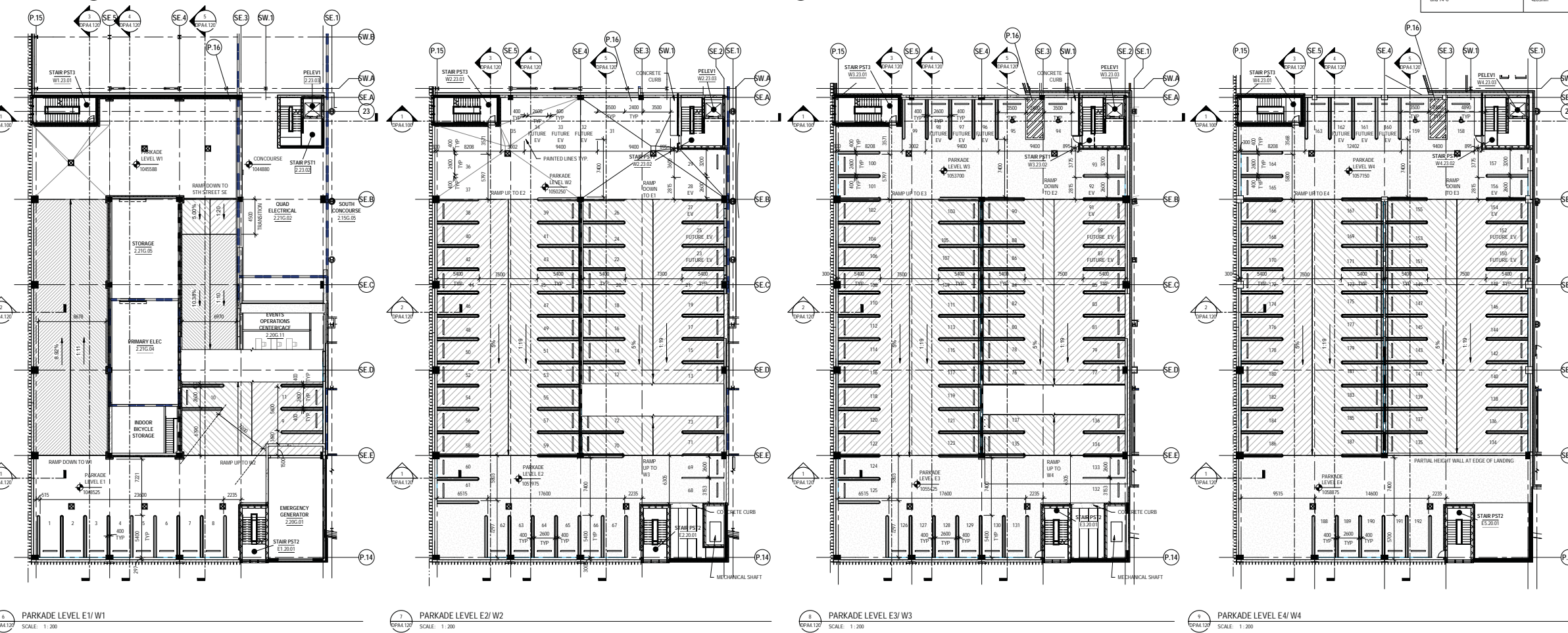


ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



DP PARKADE STALL COUNT	
LEVEL	STALL COUNT
TOTAL	192

PARKADE VEHICLE HEIGHTS	
LOW CLEARANCE TOW TRUCK IS - 6'-2"	1889mm
STANDARD 450 TRUCK IS - 6'-10"	2085mm
REGULAR TOW TRUCK SERVICE IS - 7'-6"	2289mm
CORNER BUS IS - 12'-4"	3618mm
SEMI TRUCK AND TRAILER IS BETWEEN 12'-6" and 14'-0"	4159mm 4359mm



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

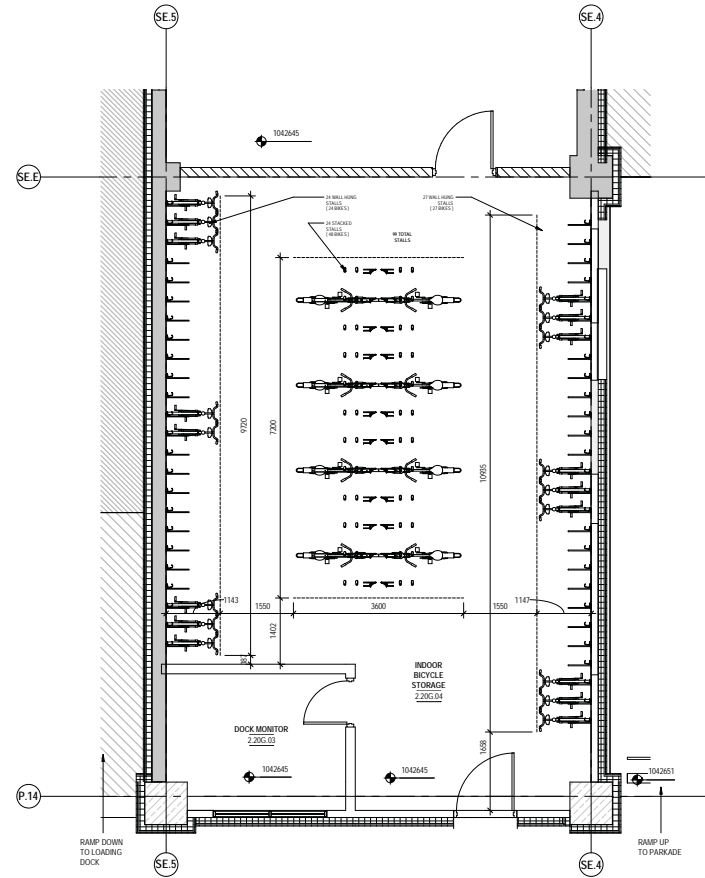
PARKADE PLANS AND SECTIONS

DPA4.120

PLOT DATE: 10/21/2021 6:43:28 PM

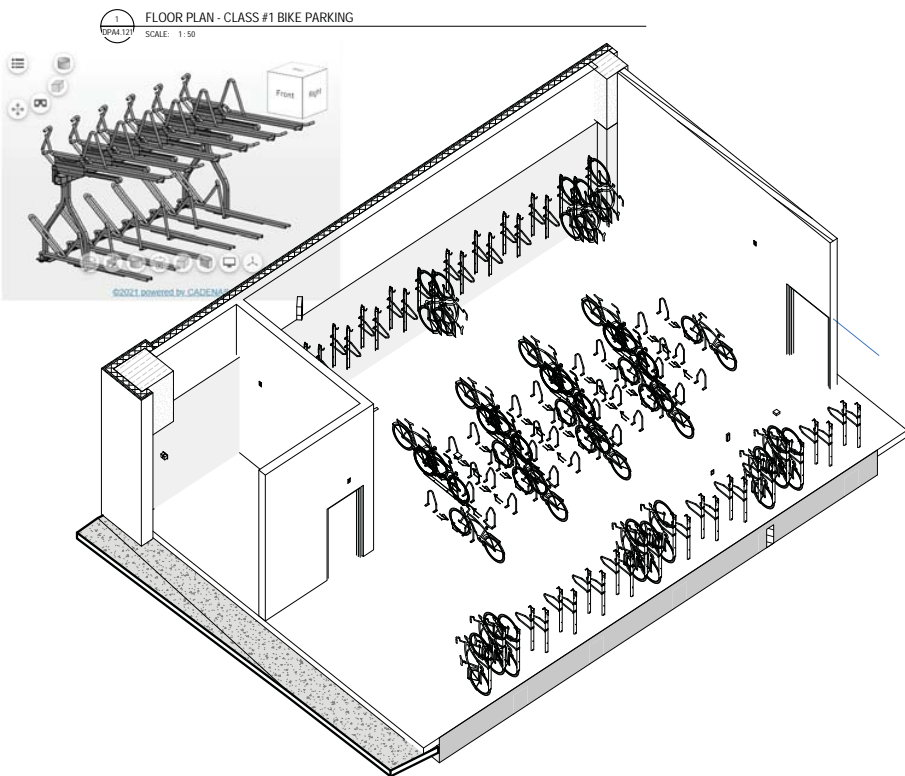


ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2

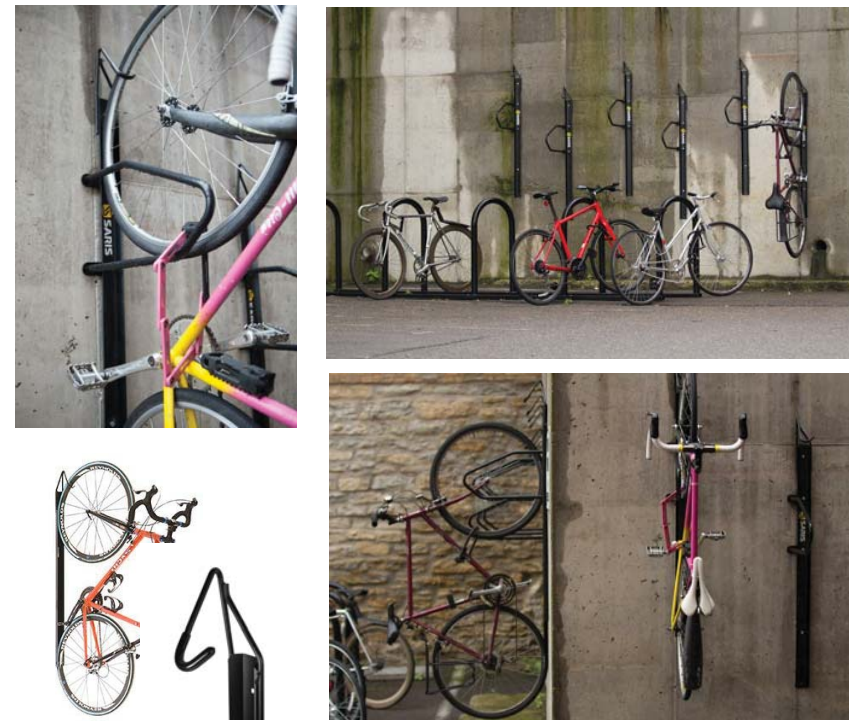


CLASS #1 BIKE PARKING
FLOOR MOUNTED STACK RACK - PRODUCT FEATURES (BY SARIS)
 - CAN BE BUILT AS A SINGLE SIDED OR DOUBLE SIDED UNIT
 - MULTIPLE BIKE SPACING OPTION OFFERS FLEXIBILITY TO MEET MUNICIPAL BIKE PARKING REGULATIONS
 - FEW MOVING PARTS TO MINIMIZE MAINTENANCE
 - 32mm SECURITY LOCKING BAR STANDARD AT EACH BIKE SPOT
 - 2400mm PREFERRED CEILING
 - UPPER TRAY PULLS DOWN TO 350mm FROM FLOOR TO MINIMIZE BICYCLE LIFT HEIGHT WHEN LOADING
 - HOT DIPPED GALVANNEZED FINISH
 - LIFT ASSIST MECHANISM IS SPRING LOADED TOP TRAY

BIKE PARKING - GENERAL NOTE
 BICYCLE STORAGE RACKING SYSTEMS AS SHOWN ARE INDICATIVE AND FINAL RACKING WILL BE PURCHASED THROUGH COMPETITIVE BIDDING PROCESS CONSISTANT WITH CITY OF CALGARY PROCUREMENT POLICIES.



CLASS #1 BIKE PARKING
WALL MOUNTED - PRODUCT FEATURES (BY SARIS)
 - WIDE WHEEL TRACK ACCEPTS ALL BIKES
 - FULL LENGTH TRAY KEEPS BIKE IN PLACE AND PROTECTS WALL SURFACE
 - TWO LOCKING MECHANISM OPTIONS AVAILABLE
 - 2100mm PREFERRED CEILING
 - 1 BIKE PER TRAY
 - POWDER COAT BLACK ONLY
 - 450mm HORIZONTAL SPACING REQUIRES 250mm VERTICAL STAGGER
 - 535mm HORIZONTAL SPACING REQUIRES NO VERTICAL STAGGER



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

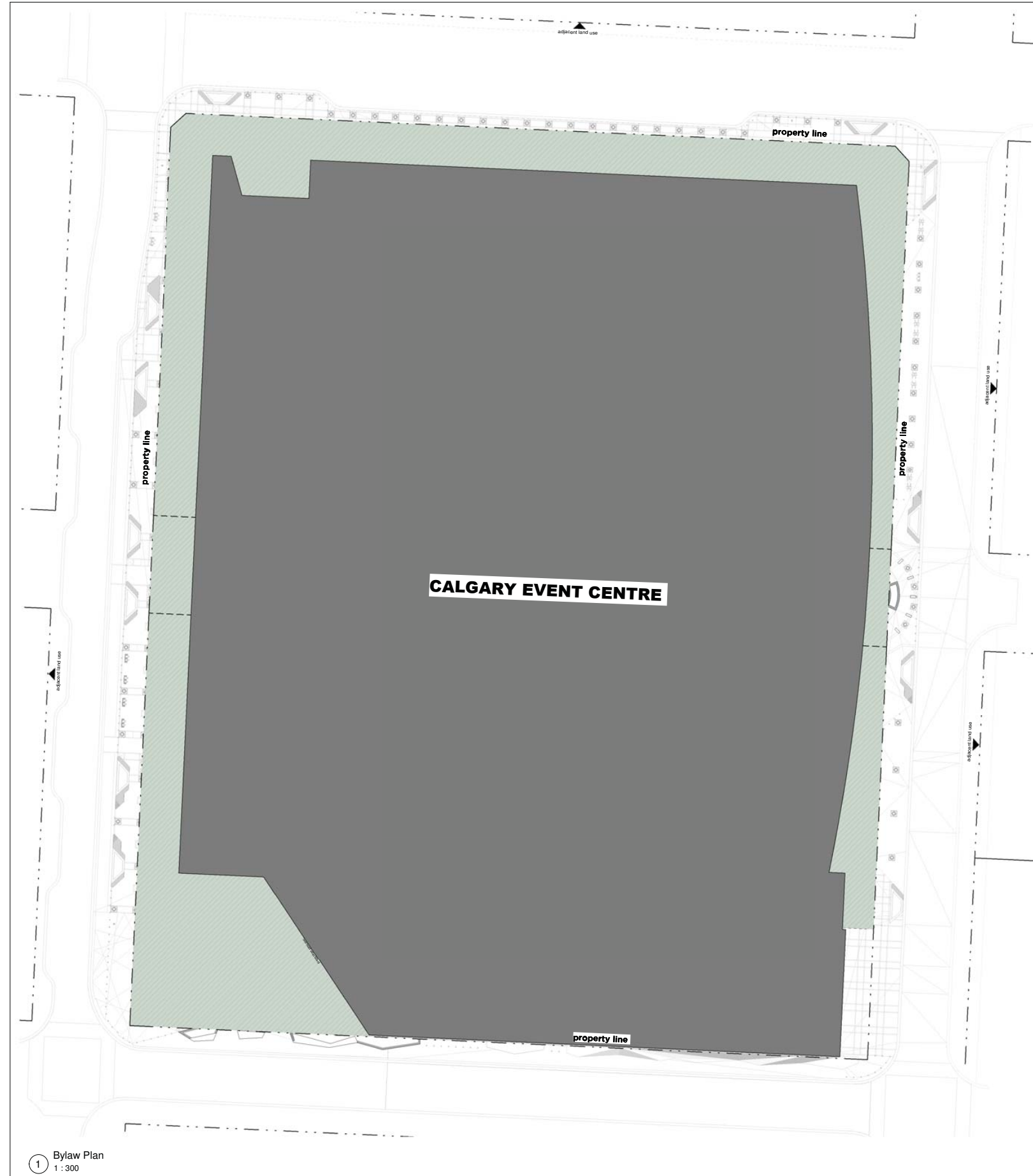
BIKE PARKING

DPA4.121

PLOT DATE: 10/24/2021 10:56:28 AM



ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



landscape area calculation legend	
	landscape area

bylaw calculations

Landscape calculations are based on the City of Calgary Land-Use Bylaw 2p80, section 33 (9), commercial districts and Bylaw 4Z2006, Amendment LOC2005-0057.

(9) LANDSCAPING

- (a) Where a landscaped area is required, it shall be provided in accordance with the landscape plan and in conformity with the following requirements and standards:
 - (i) All areas of a site not covered by buildings, outside storage or parking areas shall be landscaped. 11P94
 - (ii) Where required private outdoor amenity space for dwelling units is provided within a required minimum landscaped area, it shall be considered as satisfying both requirements.
 - (iii) Existing soft landscaping retained on a site may be considered in fulfillment of the total landscaping requirement.
 - (iv) Except for City boulevards, trees shall be planted in the overall minimum ratio of one tree per 35 square metres of landscaped area provided.
 - (v) The quality and extent of the landscaping established on a site shall be the minimum standard to be maintained on the site for the life of the development.
 - (vi) All areas of soft landscaping shall be provided with an underground sprinkler irrigation system or other adequate means of irrigation.
 - (vii) In addition to all other landscaping requirements, all City boulevards adjoining the site shall be landscaped.
- (b) Soft landscaping shall be provided as follows:
 - (i) All plant materials shall be of a species capable of healthy growth in Calgary and shall conform to the standards of the Canadian Nursery Trades Association for nursery stock.
 - (ii) The mixture of tree sizes at the time of planting shall be equivalent to a minimum of 50 percent larger trees.
 - (iii) The minimum size for deciduous trees shall be:
 - (A) for smaller deciduous trees, 50 millimetres caliper except 35 millimetres caliper for flowering ornamental trees, and
 - (B) for larger deciduous trees, 85 millimetres caliper. 1P85
 - (iv) The minimum size for smaller coniferous trees shall be a height of 2 metres and for larger coniferous trees, a height of 3 metres.
 - (v) Coniferous trees shall comprise a minimum proportion of 1/3 of all trees planted.
 - (vi) Wherever space permits, trees shall be planted in groups.
 - (vii) Shrubs shall be a minimum height or spread of 600 millimetres at the time of planting.

general landscape notes

1. this drawing has been prepared using information provided by Dialog and HOK architects on October 20th, 2021.
2. all drawings are property of landscape architect.
3. this design and drawing may not be reproduced without the permission of the landscape architect.
4. do not scale drawings.
5. all drawings are metric unless noted otherwise.
6. all landscape (public) shall be in accordance with City of Calgary standard specifications landscape construction, current edition.
7. all grades provided are all to finished grade, top of hard surfaces.
8. refer to IBI Group for finished road grades for perimeter roads refer to separate DP submission.
9. refer to related disciplines as indicated on plans where applicable.
10. all soft landscape areas are to be sloped to ensure positive drainage away from structures.
12. All soft landscape areas to be irrigated by an automatic, underground irrigation system.

DRAWINGS LIST - LANDSCAPE DP	
DPL0.100	LANDSCAPE BYLAW PLAN
DPL1.100	OVERALL LANDSCAPE PLAN
DPL1.110	HARDSCAPE FINISH PLAN
DPL1.111	MATERIALS ENLARGEMENT PLAN 1 OF 4
DPL1.112	MATERIALS ENLARGEMENT PLAN 2 OF 4
DPL1.113	MATERIALS ENLARGEMENT PLAN 3 OF 4
DPL1.114	MATERIALS ENLARGEMENT PLAN 4 OF 4
DPL1.200	SOFTSCAPE PLAN
DPL2.100	ROAD CROSS SECTIONS
DPL3.100	DETAILS SHEET 1 OF 2
DPL3.101	DETAILS SHEET 2 OF 2
DPL4.100	LANDSCAPE CHARACTER RENDERING



**CALGARY
EVENT CENTRE**

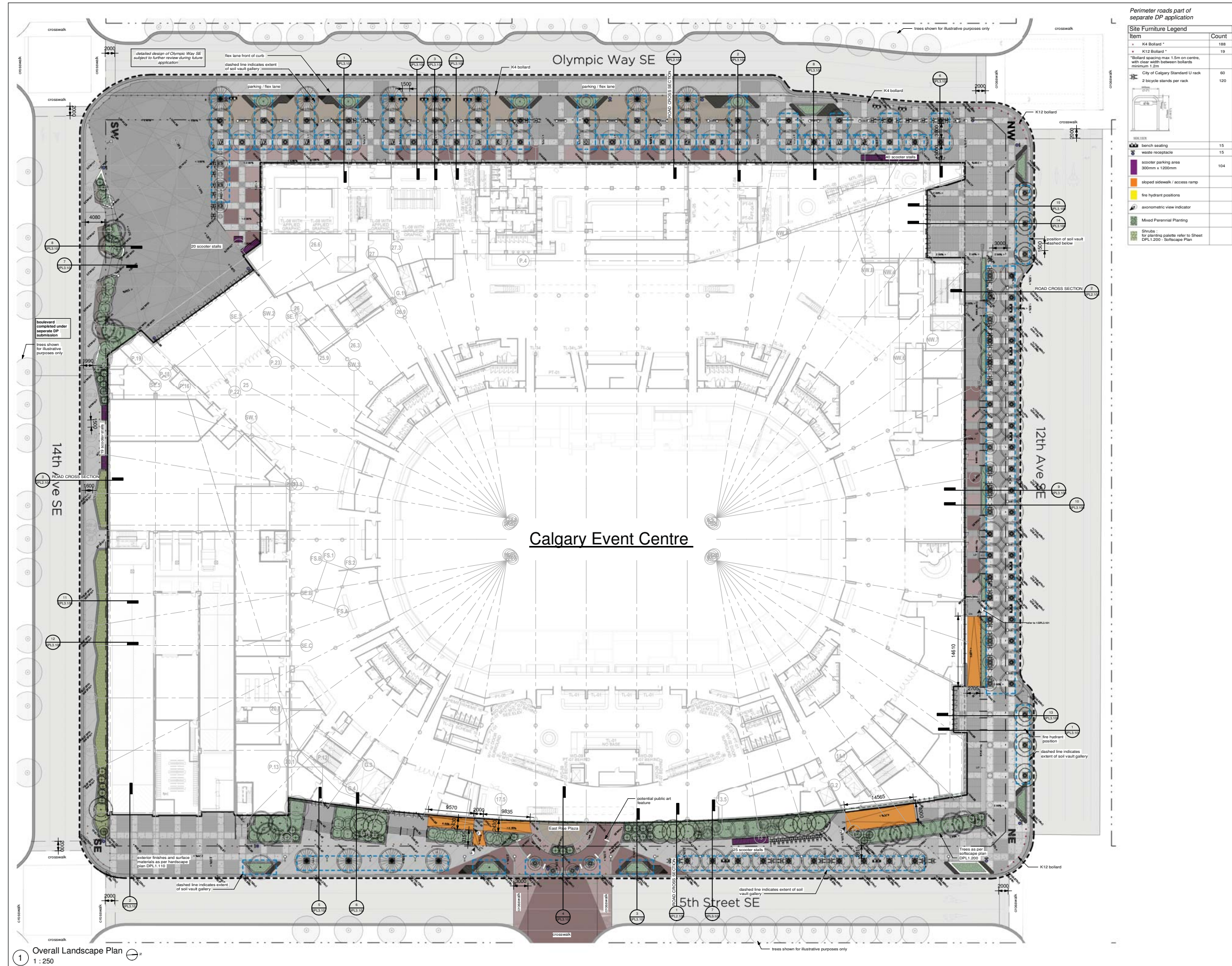
519 - 12th AVE SE, CALGARY, AB

LANDSCAPE BYLAW
PLAN

DPL0.100

0003 PLOT DATE: 2021-10-22 2:37:35 PM

1 Bylaw Plan
1 : 300



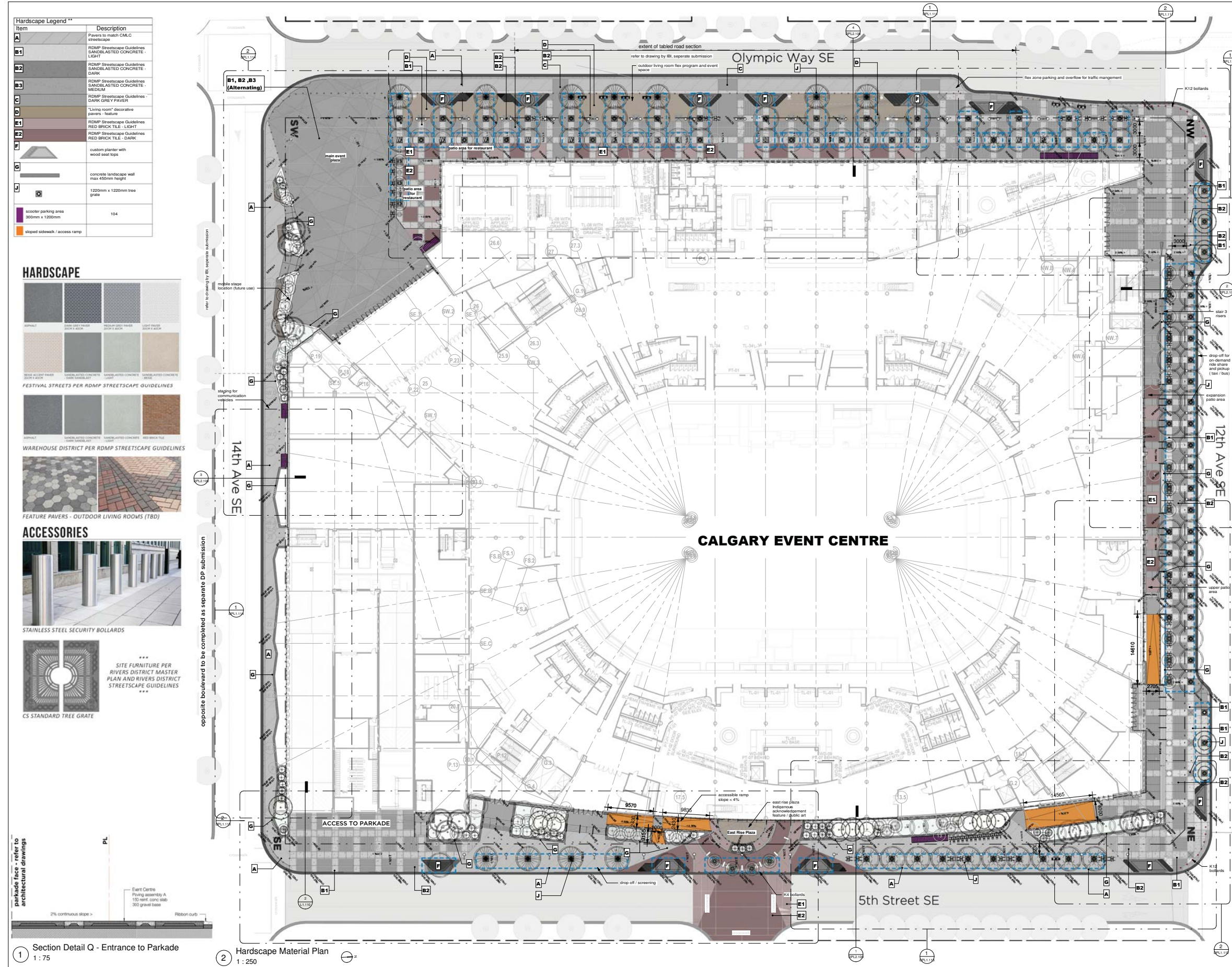
The Alberta Association of Landscape Architects
Jonathan Steven Sage



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

OVERALL LANDSCAPE PLAN
DPL1.100

0003 PLOT DATE: 2021-10-22 3:05:16 PM



Item	Description
A	Pavers to match CALC streetscape
B1	RDMP Streetscape Guidelines SANDBLASTED CONCRETE - LIGHT
B2	RDMP Streetscape Guidelines SANDBLASTED CONCRETE - DARK
B3	RDMP Streetscape Guidelines SANDBLASTED CONCRETE - MEDIUM
C	RDMP Streetscape Guidelines - DARK GREY PAVEMENT
D	Living room decorative pavers - feature
E1	RDMP Streetscape Guidelines RED BRICK TILE - LIGHT
E2	RDMP Streetscape Guidelines RED BRICK TILE - DARK
F	custom planter with wood seat tops
G	concrete landscape wall max 450mm height
L	1220mm x 1220mm tree grate
104	scooter parking area 300mm x 1200mm
105	stopped sidewalk / access ramp

HARDSCAPE

PAVERS TO MATCH CALC STREETScape

RDMP Streetscape Guidelines SANDBLASTED CONCRETE - LIGHT

RDMP Streetscape Guidelines SANDBLASTED CONCRETE - DARK

RDMP Streetscape Guidelines SANDBLASTED CONCRETE - MEDIUM

RDMP Streetscape Guidelines - DARK GREY PAVEMENT

Living room decorative pavers - feature

RDMP Streetscape Guidelines RED BRICK TILE - LIGHT

RDMP Streetscape Guidelines RED BRICK TILE - DARK

custom planter with wood seat tops

concrete landscape wall max 450mm height

1220mm x 1220mm tree grate

scooter parking area 300mm x 1200mm

stopped sidewalk / access ramp

WAREHOUSE DISTRICT PER RDMP STREETScape GUIDELINES

FEATURE PAVERS - OUTDOOR LIVING ROOMS (TBD)

ACCESSORIES

STAINLESS STEEL SECURITY BOLLARDS

SITE FURNITURE PER RIVERS DISTRICT MASTER PLAN AND RIVERS DISTRICT STREETScape GUIDELINES

CS STANDARD TREE GRATE



ISSUED FOR

- 2021-08-03 DEVELOPMENT PERMIT
- 2021-10-05 DP RESUBMISSION
- 2021-10-22 DP RESUBMISSION 2



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

HARDSCAPE FINISH PLAN

DPL1.110

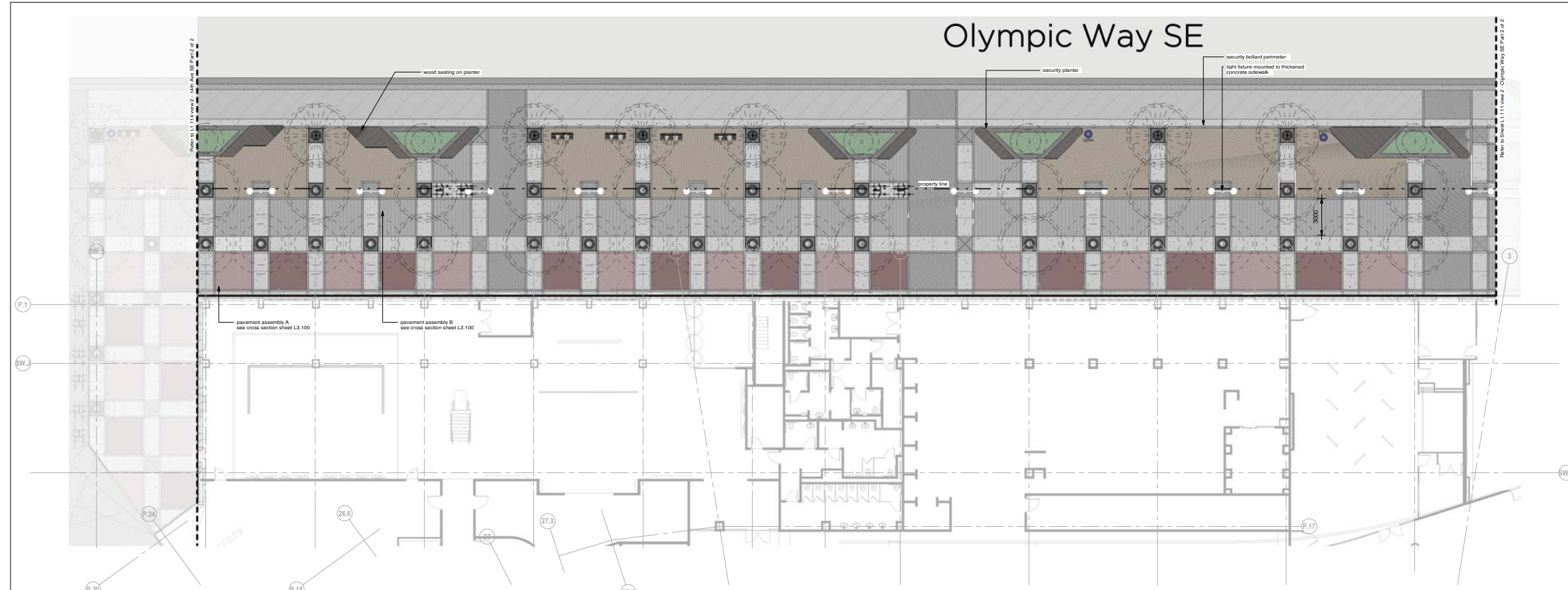
0003 PLOT DATE: 2021-10-22 3:21:24 PM

1 Section Detail Q - Entrance to Parkade 1:75

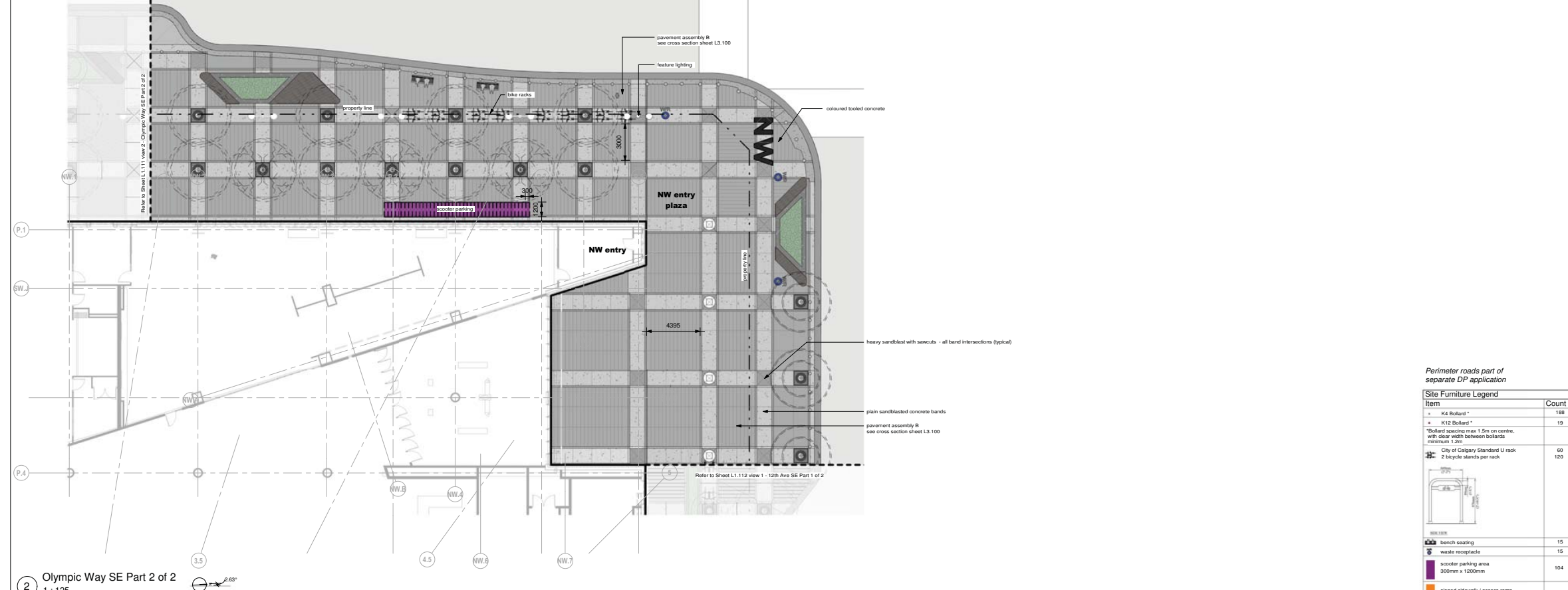
2 Hardscape Material Plan 1:250



ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2



1 Olympic Way SE Part 1 of 2
1 : 125



2 Olympic Way SE Part 2 of 2
1 : 125

Perimeter roads part of separate DP application

Item	Count
K4 Bollard	188
K12 Bollard	19
Bollard spacing max 1.5m on centre, with clear width between bollards minimum 1.2m	
City of Calgary Standard U rack	60
2 bicycle stands per rack	120

Item	Count
bench seating	15
waste receptacle	15
scoter parking area 300mm x 1200mm	104
stopped sidewalk / access ramp	



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

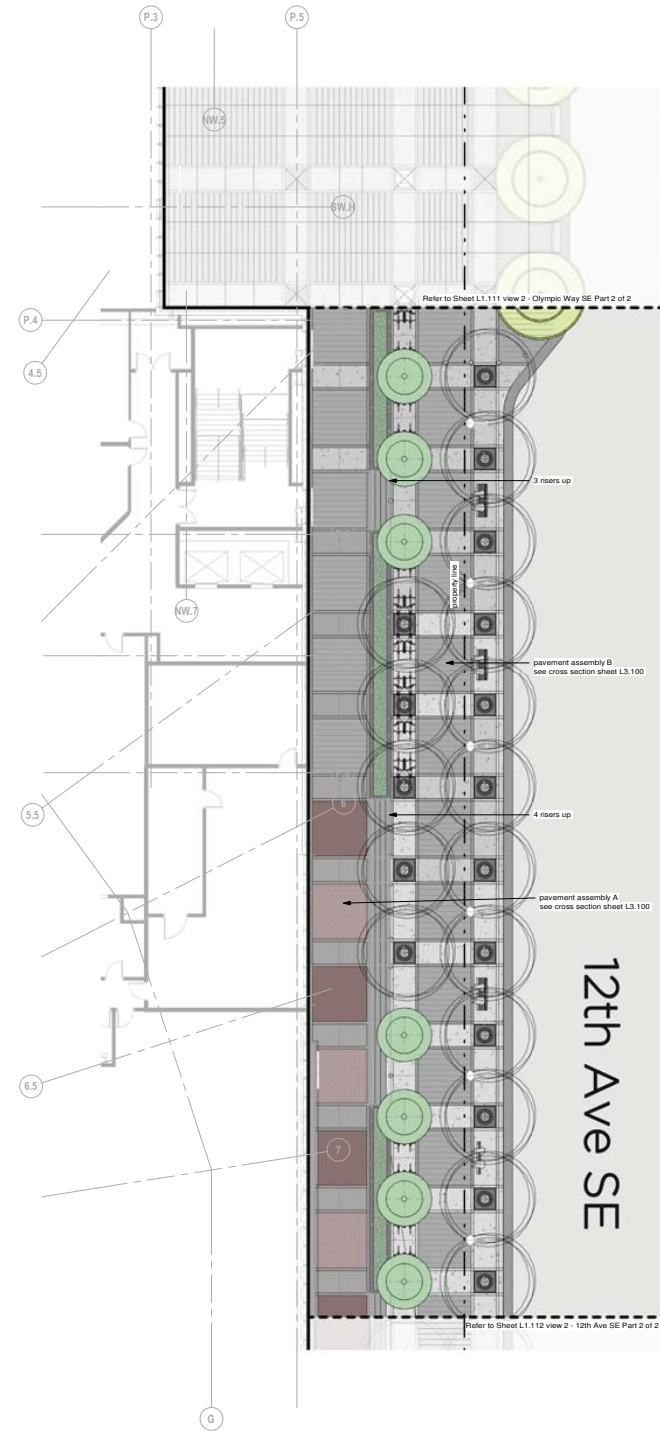
MATERIALS ENLARGEMENT PLAN
1 OF 4

DPL1.111

0003 PLOT DATE: 2021-10-22 2:47:09 PM



ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2



1 12th Ave SE Part 1 of 2
1 : 125



2 12th Ave SE Part 2 of 2
1 : 125

Perimeter roads part of separate DP application

Site Furniture Legend

Item	Count
K4 Bollard *	188
K12 Bollard *	19
*Bollard spacing max 1.5m on centre, with clear width between bollards minimum 1.0m.	
City of Calgary Standard U rack 2 bicycle stands per rack	60 120
bench seating	15
waste receptacle	15
scooter parking area 300mm x 1200mm	104
stopped sidewalk / access ramp	



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

MATERIALS
ENLARGEMENT PLAN
2 OF 4

DPL1.112

0003 PLOT DATE: 2021-10-22 2:48:17 PM



ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2



① 5th Street SE Part 1 of 2
1 : 125



② 5th Street SE Part 2 of 2
1 : 125



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

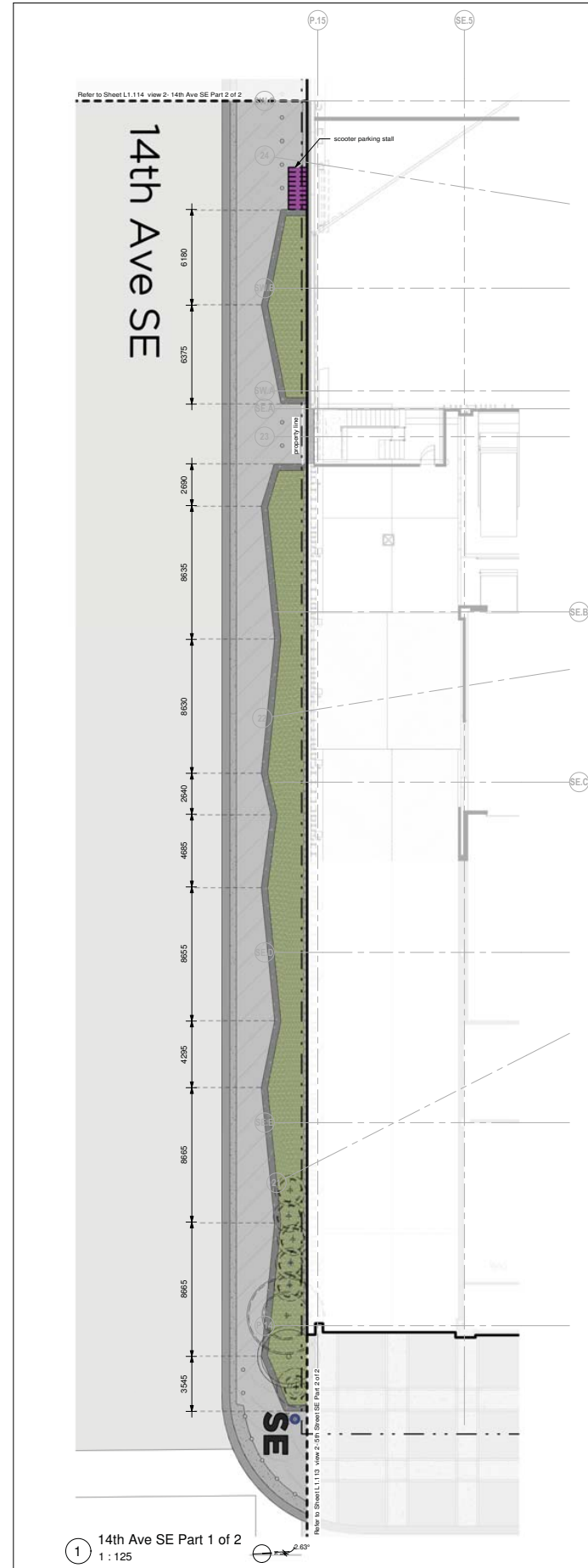
MATERIALS
ENLARGEMENT PLAN
3 OF 4

DPL1.113

0003 PLOT DATE: 2021-10-22 4:38:18 PM



ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2



Perimeter roads part of separate DP application

Item	Count
K4 Bollard*	188
K12 Bollard*	19
*Bollard spacing max 1.5m on centre, with clear width between bollards minimum 1.2m	
City of Calgary Standard U rack	60
2 bicycle stands per rack	120
bench seating	15
waste receptacle	15
scooter parking area 300mm x 1200mm	104
stopped sidewalk / access ramp	



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

MATERIALS ENLARGEMENT PLAN
4 OF 4

DPL1.114

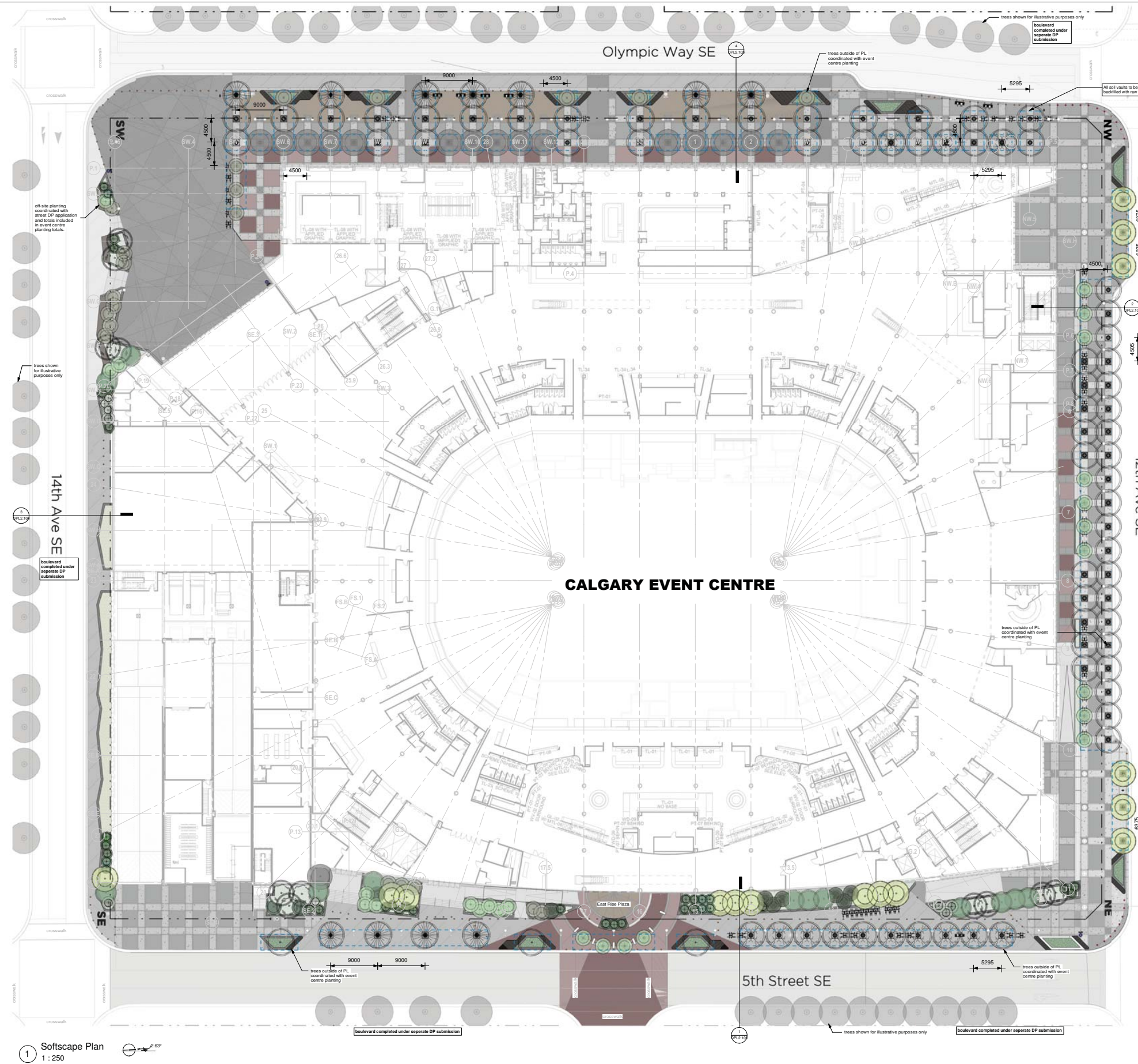
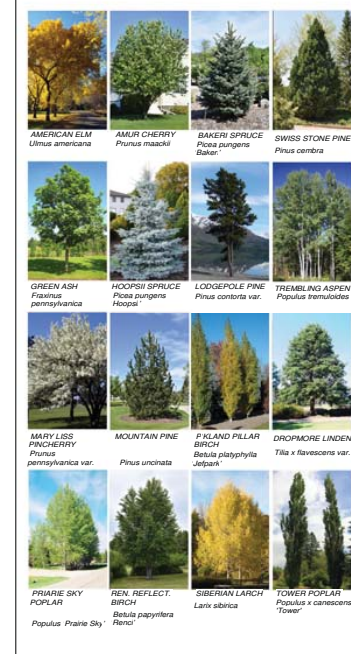
0003 PLOT DATE: 2021-10-22 4:45:52 PM



ISSUED FOR:
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2

Softscape Legend		
Item / symbol	Description	Count
Large Deciduous 85mm cal.		
	American Elm <i>Ulmus americana</i>	23 / 36
	Foxtail Green Ash <i>Fraxinus pennsylvanica</i>	10 / 3
	Dropmore Linden <i>Tilia x flavescens</i> var.	11 / 0
	Trembling Aspen <i>Populus tremuloides</i>	1 / 10
	Amur Cherry <i>Prunus maackii</i>	0 / 16
	Prairie Sky Poplar <i>Populus prairie sky</i>	7 / 8
Small Deciduous 50mm cal.		
	Pincherry <i>Prunus pennsylvanica</i> var.	5 / 20
	Renaissance Reflection Birch <i>Betula papyrifera</i> 'Reno'	2 / 3
	Siberian Larch <i>Larix sibirica</i>	0 / 7
	Parkland Pillar Birch <i>Betula platyphylla</i> 'Jelpar'	10 / 17
Deciduous - Total		
		69 / 120
Coniferous - Large		
	Baker Spruce <i>Picea pungens</i> 'Baker'	3 / 0
	Lodgepole Pine <i>Pinus contorta</i> var.	7 / 14
	Swiss Stone Pine <i>Pinus cembra</i>	2 / 10
Coniferous - small		
	Mountain Pine <i>Pinus uncinata</i>	3 / 4
	Hoop Spruce <i>Picea pungens</i> 'Hoops'	3 / 1
Coniferous - Total		
		18 / 29
All Trees - Total		
		236 / 371
Mixed Perennial Planting		
Shrubs:		
Bearberry / Kinnikinnick <i>Arctostaphylos uva-ursi</i>		
Wild Rose <i>Rosa woodsii</i>		
Snowberry <i>Symphoricarpos albus</i>		
Wolf Willow <i>Elaeagnus commutata</i>		
Baskaloon <i>Ampelodesmos aestivus</i>		
Juniper <i>Juniperus</i> var.		
1220mm x 1220mm tree grate		

planting calculations
Total Site Area = 28 705m²
Total Bldg and Access Area = 23 627m²
Residual (Landscape) Area = 4893 95m²
Trees Required - On Site (Landscape Area / 35m²)
= 5078 / 35 = 139 Trees Total



1 Softscape Plan
1 : 250



CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

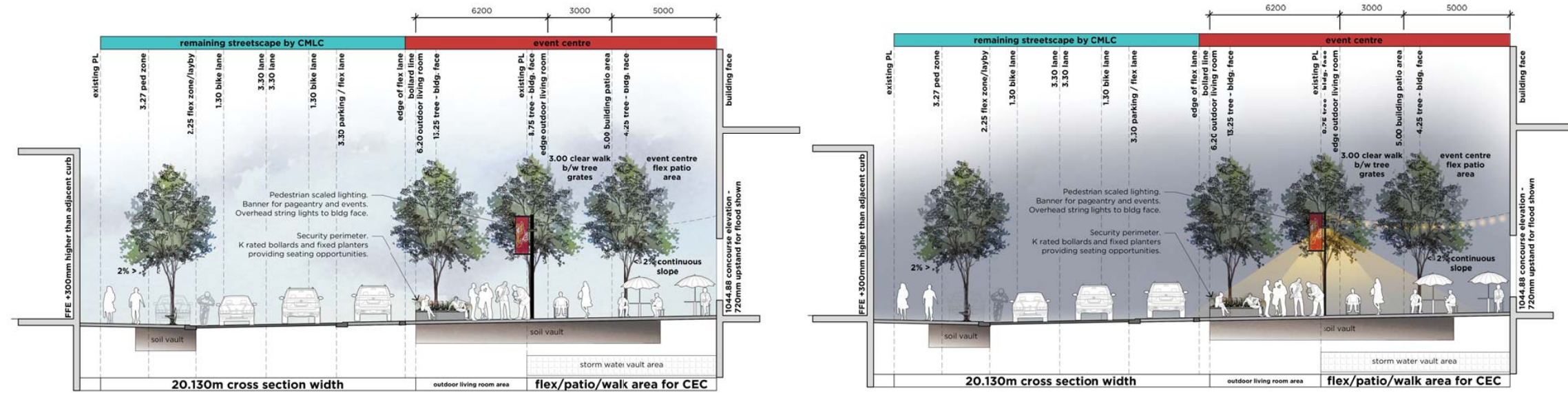
SOFTSCAPE PLAN

DPL1.200

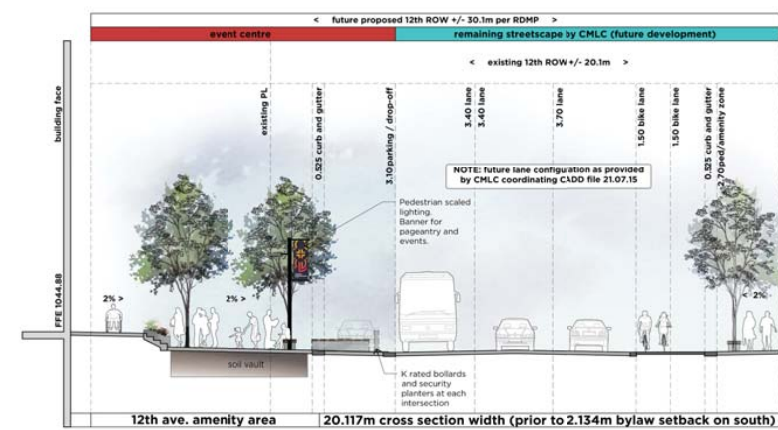
0003 PLOT DATE: 2021-10-22 4:47:35 PM



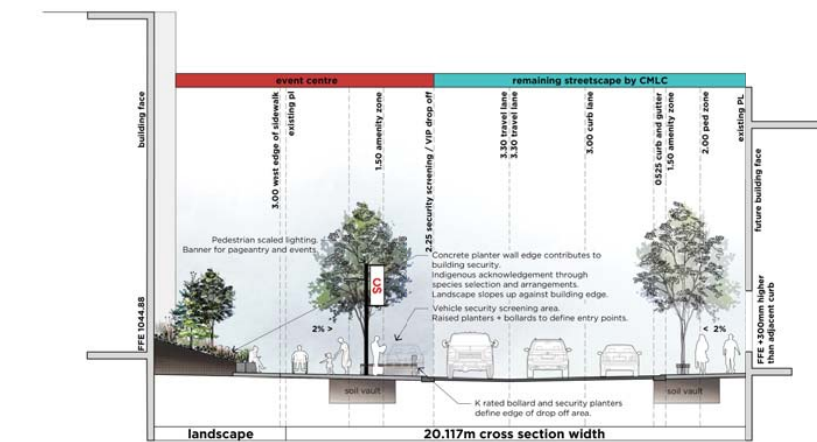
ISSUED FOR
1 2021-08-03 DEVELOPMENT PERMIT
2 2021-10-05 DP RESUBMISSION
3 2021-10-22 DP RESUBMISSION 2



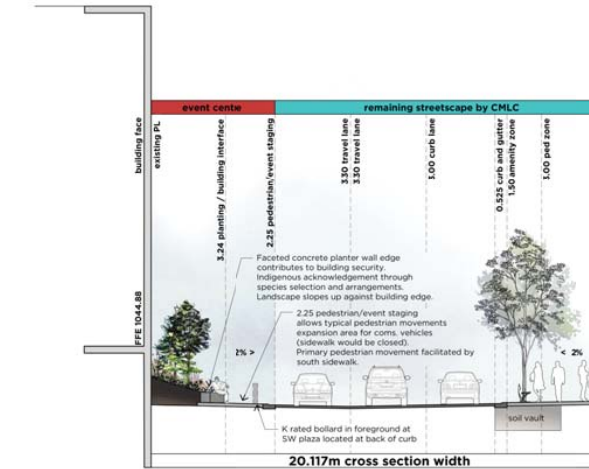
4 Olympic Way SE Cross Section (day & night)
1 : 100



2 12th Ave SE Cross Section
1 : 100



1 5th Street SE Cross section
1 : 100



3 14th Ave SE Cross Section
1 : 100



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

ROAD CROSS
SECTIONS

DPL2.100

0003 PLOT DATE: 2021-10-22 2:52:41 PM



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

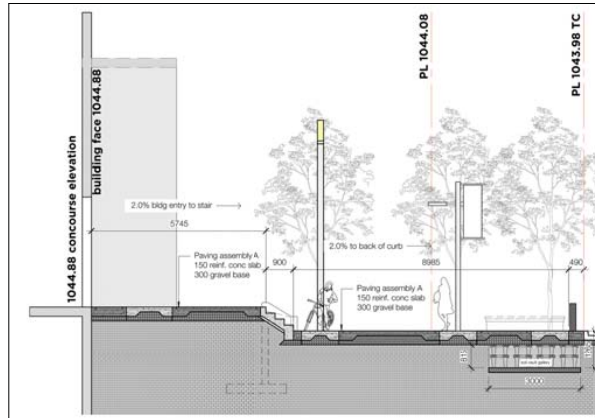
DETAILS SHEET 1 OF 2

DPL3.100

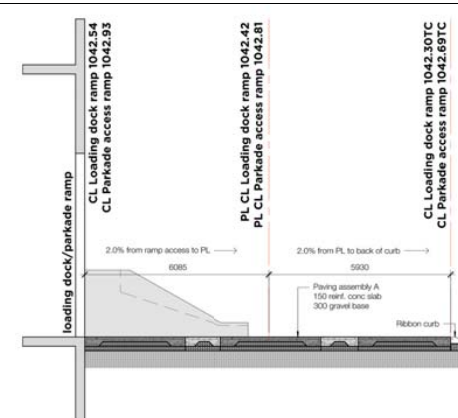
0003 PLOT DATE: 2021-10-22 3:22:53 PM



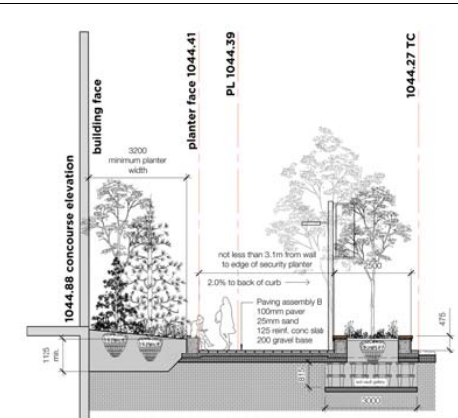
ISSUED FOR
1 2021-10-22 DP RESUBMISSION 2



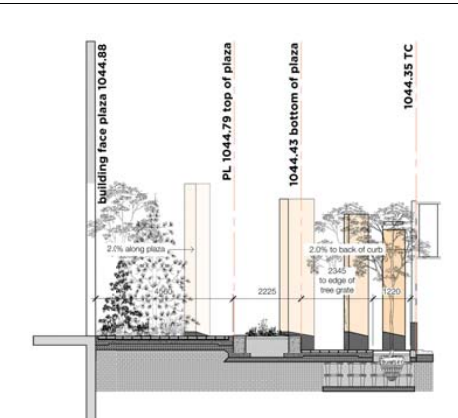
1 Detail Section M – NE Building Entry Through Single Tree Gallery and Pavement Band
1 : 75



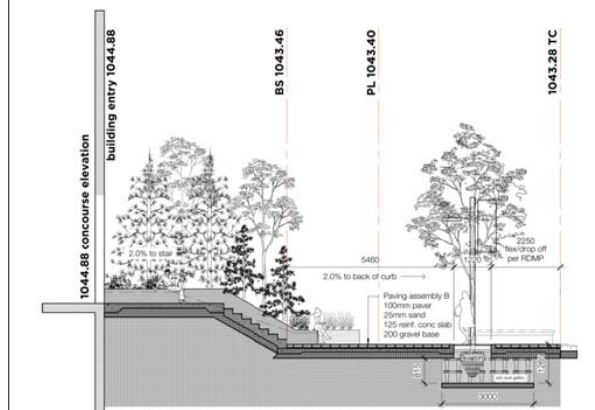
2 Detail Section Q – 5th St SE At Parkade Entry
1 : 75



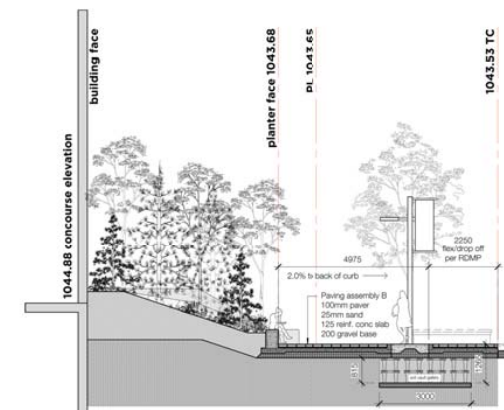
3 Detail Section R – 5th St SE Typical Soil Vault Through Security Planter Condition
1 : 75



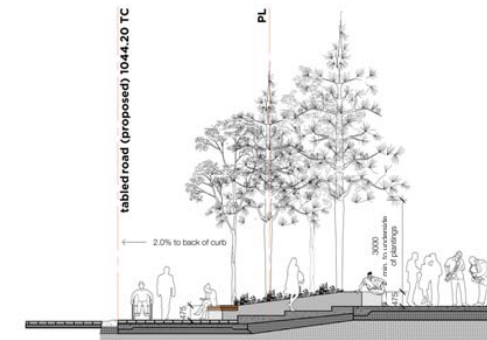
4 Detail Section S – 5th St SE East Rise Plaza Section
1 : 75



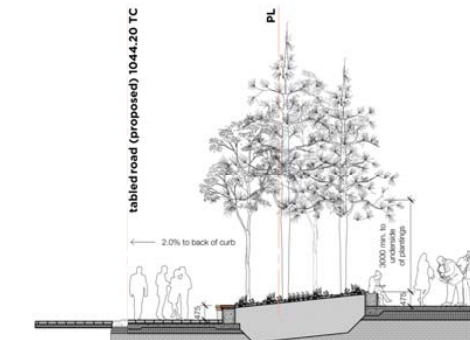
5 Detail Section T – 5th St SE At Tall Stair
1 : 75



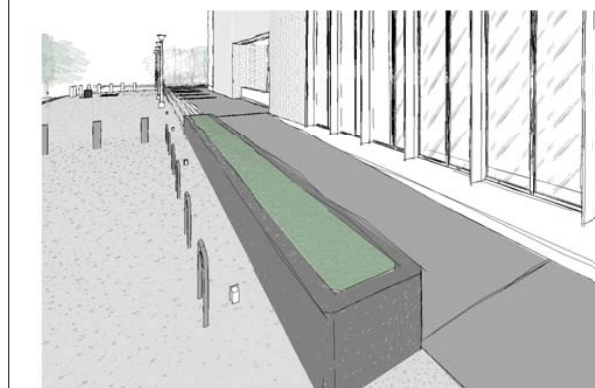
6 Detail Section U – 5th St SE At Tall Stair Through Planter
1 : 75



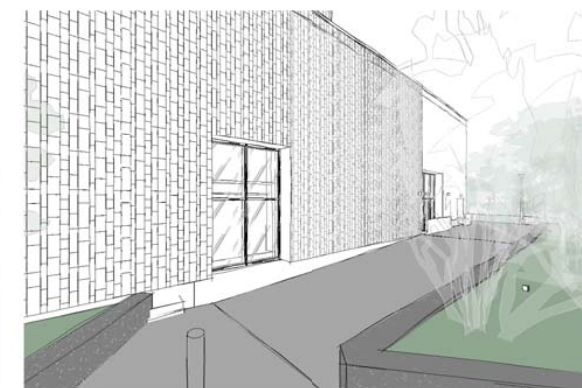
7 Detail Section V – SW Plaza Entry Stair
1 : 75



8 Detail Section W – SW Plaza Through Planter
1 : 75



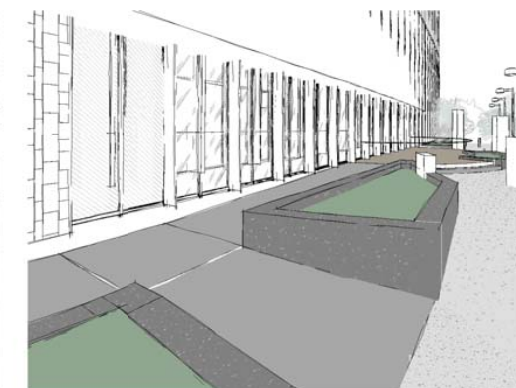
9 sloped sidewalk axo view 1



10 sloped sidewalk axo view 2



11 sloped sidewalk axo view 3



12 sloped sidewalk axo view 4

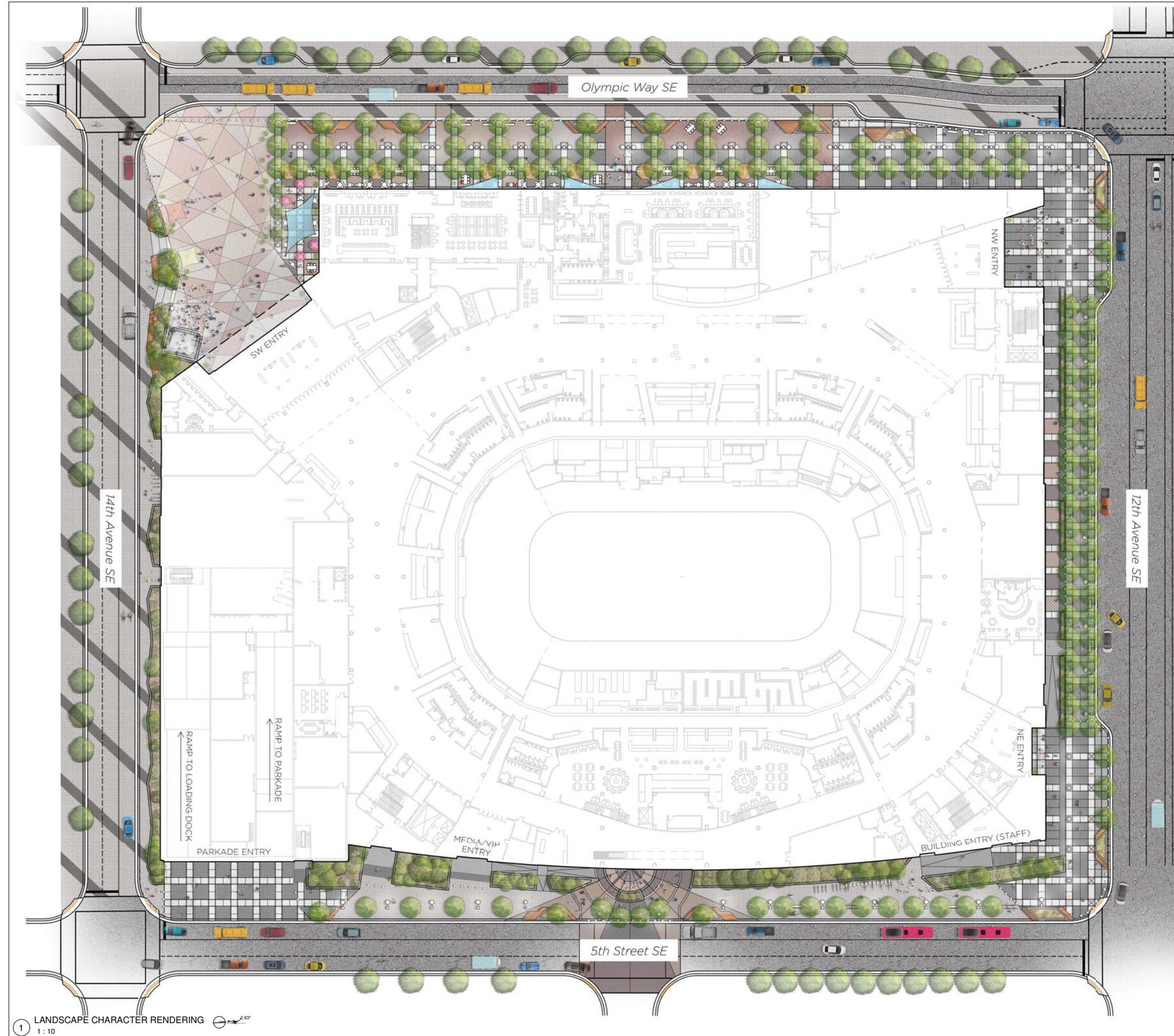


**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

DETAILS SHEET 2 OF 2

DPL3.101

0003 PLOT DATE: 2021-10-22 3:46:03 PM



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

LANDSCAPE
CHARACTER
RENDERING

DPL4.100

0003 PLOT DATE: 2021-10-23 01:48 PM



GENERAL NOTES

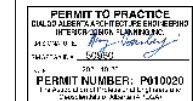
1. REFER TO SHEETS DPE1.201 THROUGH DPE1.203 FOR LIGHTING FIXTURE, SCHEDULE AND CUT SHEETS.
2. REFER TO LANDSCAPE DRAWINGS FOR ALL SITE FIXTURE LOCATIONS MOUNTED IN HARDSCAPE OR SOFTSCAPE. FIXTURE LOCATIONS ARE DIAGNOSTIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND LANDSCAPE ELEMENTS.
3. ALL LANDSCAPE OR EXTERIOR BUILDING LIGHTING SHALL BE CONTROLLED VIA THE LIGHTING CONTROL SYSTEM.
4. REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR ALL FIXTURE LOCATIONS ON THE EXTERIOR OF THE BUILDING. FIXTURE LOCATIONS ARE DIAGNOSTIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.
5. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND OVP WALLS.
6. ALL EXPOSED SURFACE MOUNTED CONDUIT SHALL BE ROUTED IN A NEAT AND CONSISTENT MANNER, AND PAINTED TO MATCH STRUCTURE.

KEYNOTES

EW	480 COPPER PERIMETER GROUND LOOP
----	----------------------------------

ISSUED FOR

1	2020-12-23	SCHEMATIC DESIGN
2	2021-08-03	DEVELOPMENT PERMIT
3	2021-10-05	DP REGISTRATION



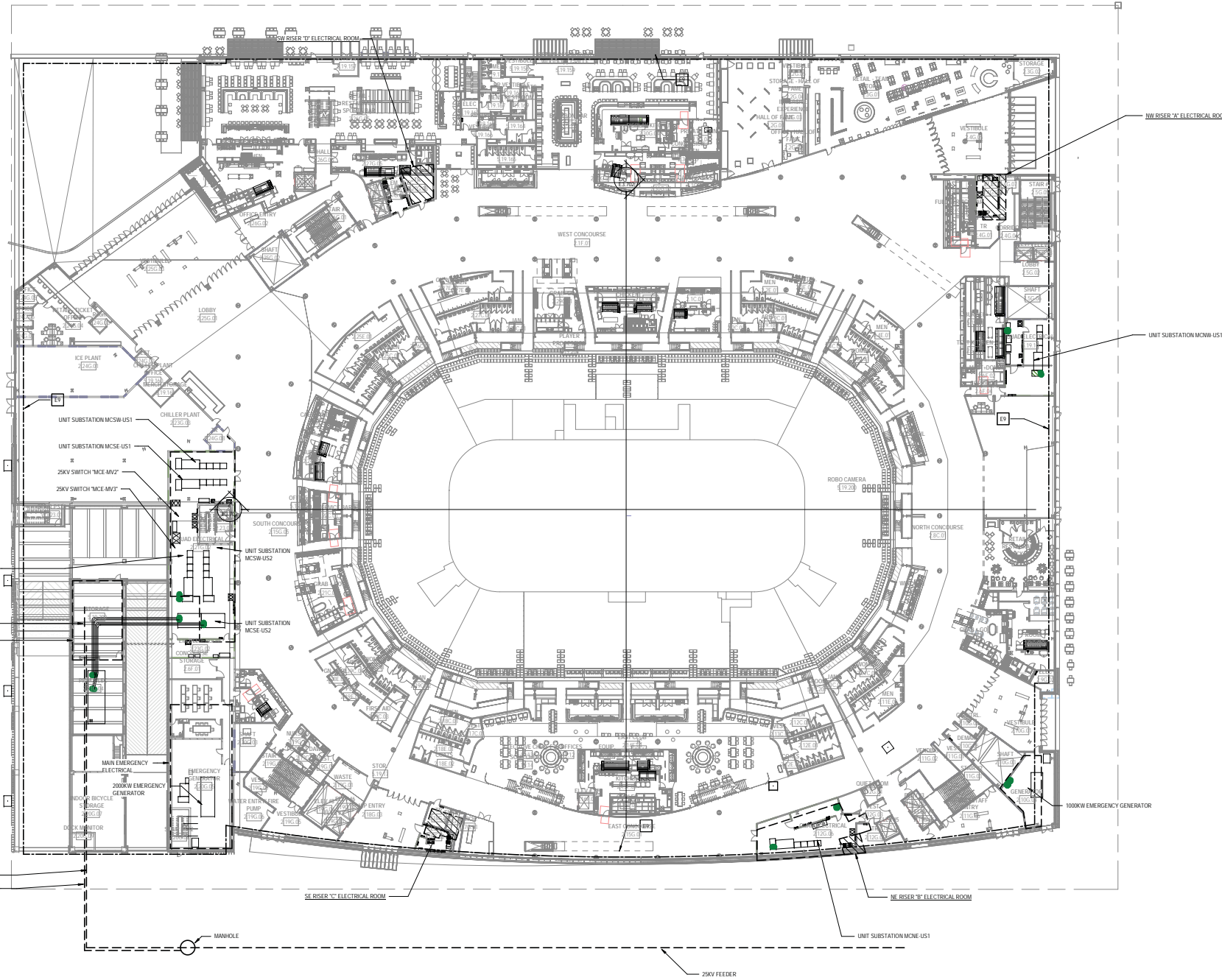
me
engineers
14143 Denver West Pkwy,
Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

ELECTRICAL SITE
PLAN

DPE1.100

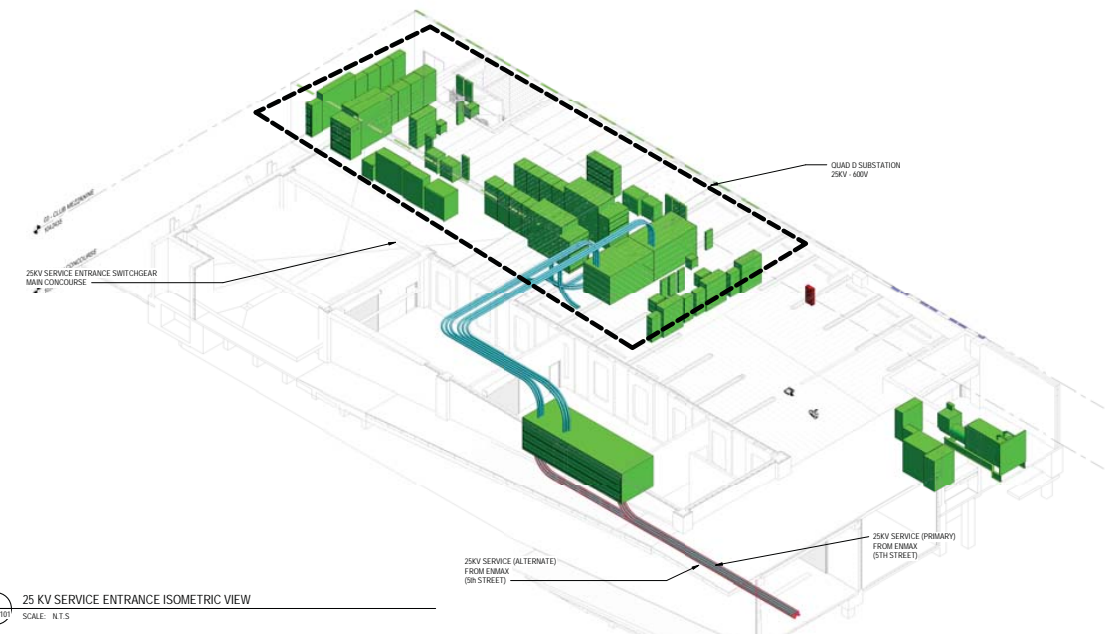
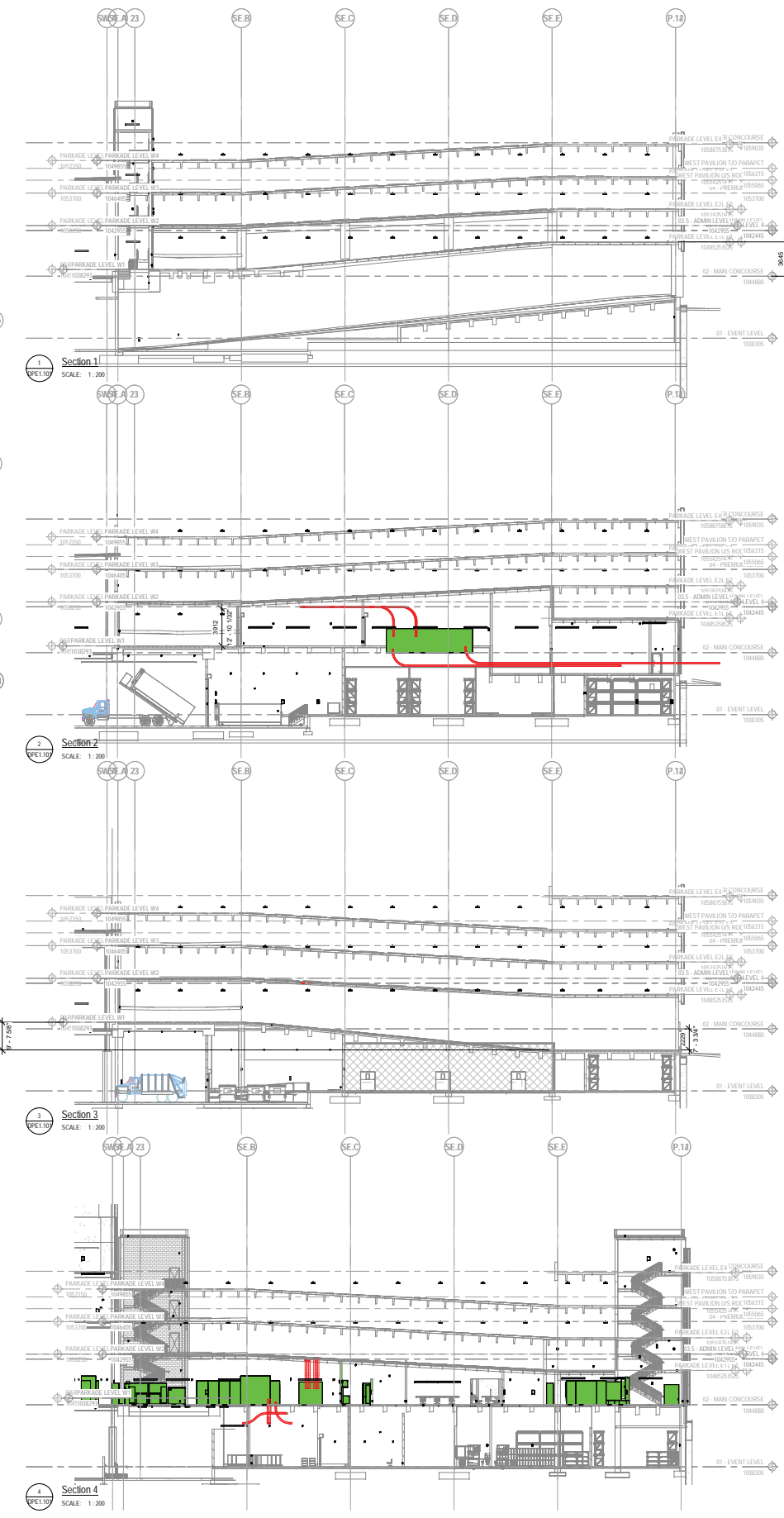
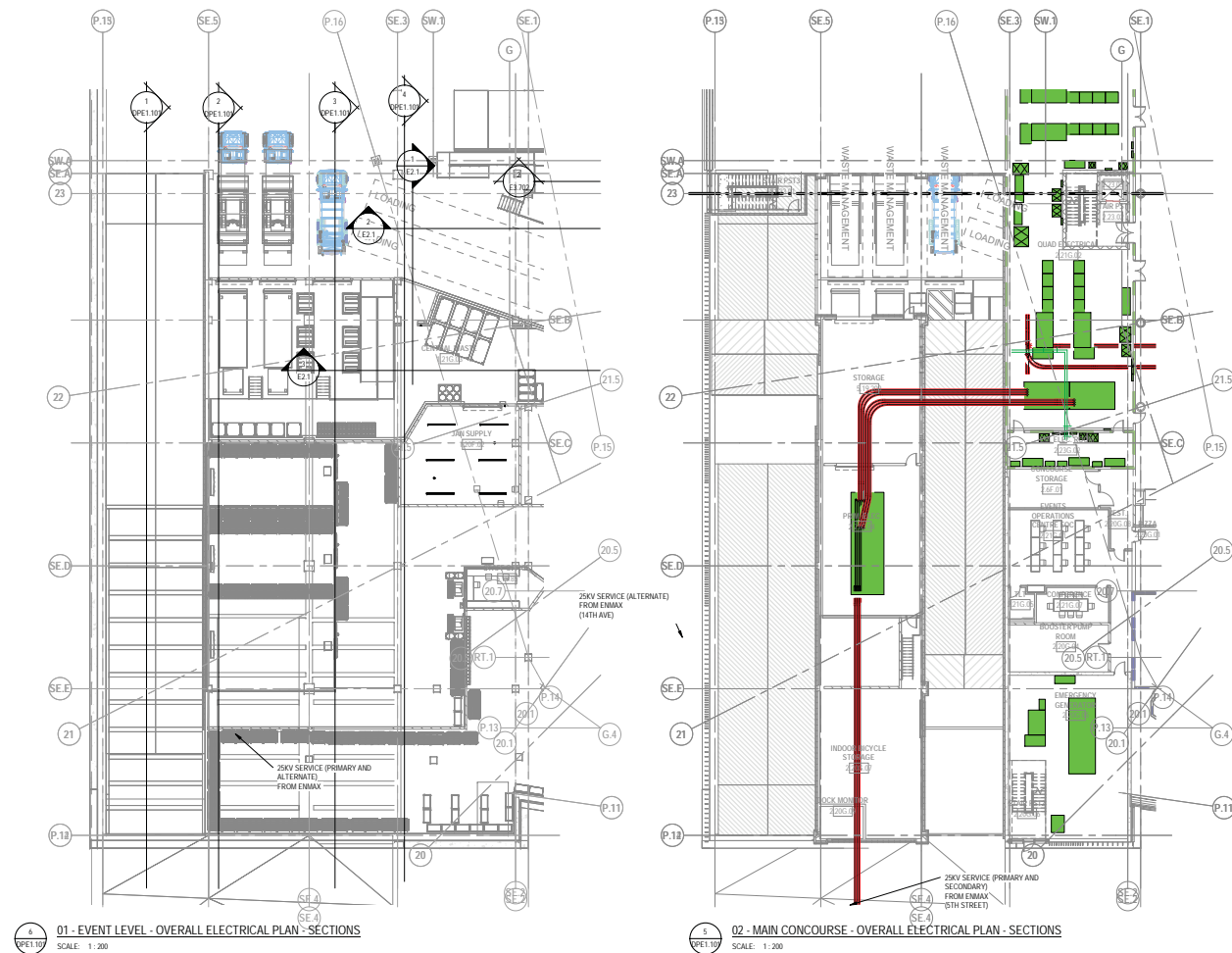
2001931 PLOT DATE: 10/20/2021 8:02:21 PM



ELECTRICAL SITE PLAN - DPE
SCALE: 1:300



ISSUED FOR
2 2021-08-03 DEVELOPMENT PERMIT
3 2021-10-05 DP RESUBMISSION
5 2021-10-22 DP RESUBMISSION 2



PERMIT TO PRACTICE
DIALOG h+k ARCHITECTURE ENGINEERING
MECHANICAL ENGINEERING
PERMIT NUMBER: P010020



me engineers
14143 Denver West Pkwy,
Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

**25 KV SERVICE
ENTRANCE SECTIONS
AND DETAILS**

DPE1.101

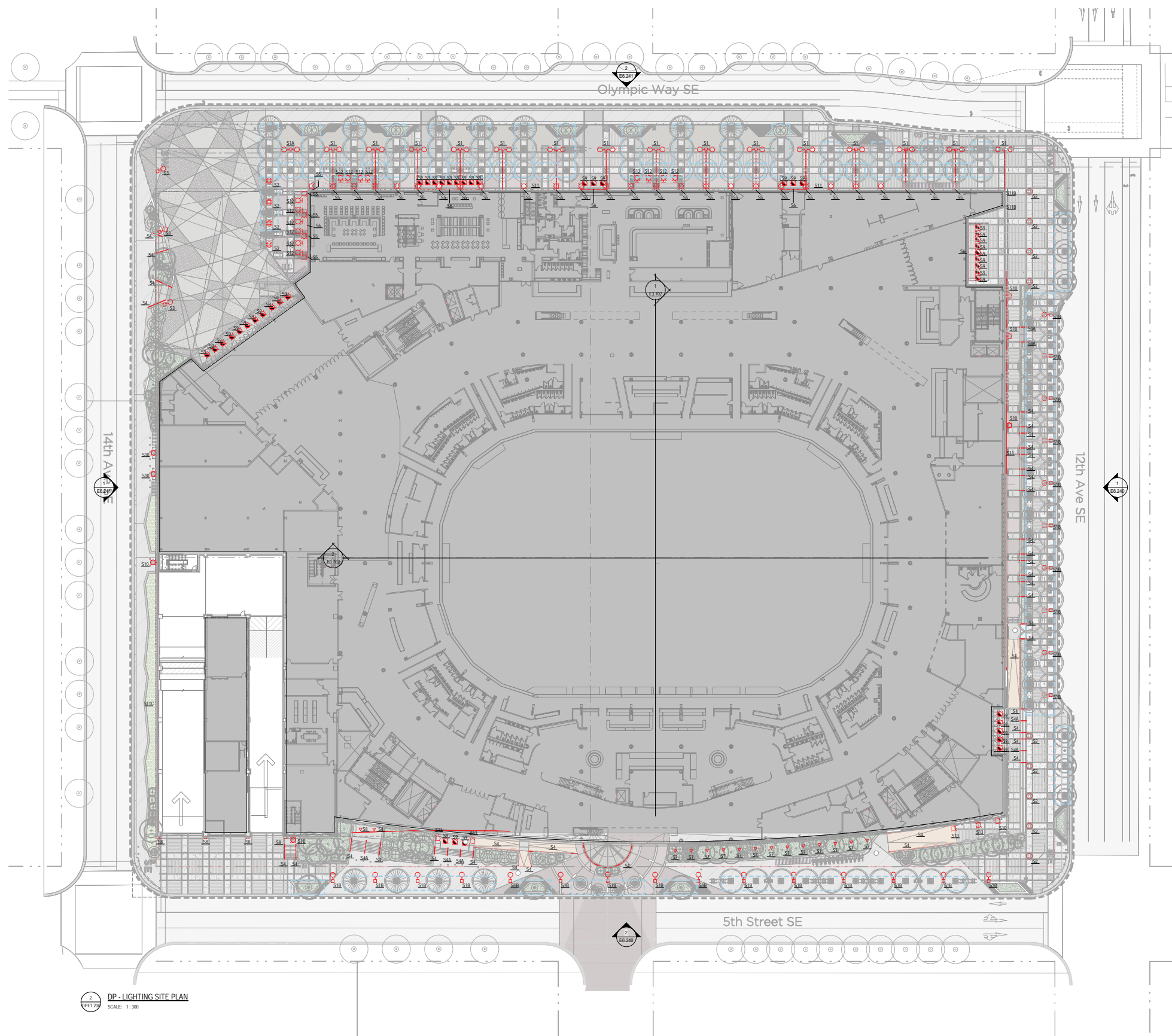
2001931 PLOT DATE: 10/20/2021 6:02:32 PM



GENERAL NOTES:
 1 REFER TO SHEETS DPE1.201 THROUGH DPE1.203 FOR LIGHTING FIXTURE SCHEDULE AND CUT SHEETS.
 2 REFER TO LANDSCAPE DRAWINGS FOR ALL SITE FIXTURE LOCATIONS MOUNTED IN HARDSCAPE OR SOFTSCAPE. FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND LANDSCAPE ELEMENTS.
 3 ALL LANDSCAPE OR EXTERIOR BUILDING LIGHTING SHALL BE CONTROLLED VIA THE LIGHTING CONTROL SYSTEM.
 4 REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR ALL FIXTURE LOCATIONS ON THE EXTERIOR OF THE BUILDING. FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.
 5 ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND COP WALLS.
 6 ALL EXPOSED SURFACE MOUNTED CONDUIT SHALL BE ROUTED IN A NEAT AND CONSISTENT MANNER, AND PAINTED TO MATCH STRUCTURE.

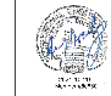
KEYNOTES

ISSUED FOR:
 2 2021-08-03 DEVELOPMENT PERMIT
 3 2021-10-05 DP RESUBMISSION
 5 2021-10-22 DP RESUBMISSION 2



3 DP - LIGHTING SITE PLAN
 DPE1.200 SCALE: 1:300

PERMIT TO PRACTICE
 ENGINEER
 PERMIT NUMBER: P010020



me engineers
 14143 Denver West Pkwy,
 Suite 300
 Golden, CO 80401
 303.421.6655
 www.me-engineers.com

CALGARY
 EVENT CENTRE
 519 - 12th AVE SE, CALGARY, AB

LIGHTING SITE PLAN

THIS SHEET
 ORIGINALLY
 PRINTED IN
 COLOR

DPE1.200

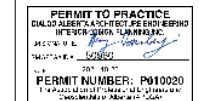
2001931 PLOT DATE: 10/20/2021 6:03:32 PM



ISSUED FOR
2 2021-08-03 DEVELOPMENT PERMIT
3 2021-10-05 DP RESUBMISSION
5 2021-10-22 DP RESUBMISSION 2

GENERAL NOTES
1. REFER TO SHEET DPE1.201 FOR LIGHTING FIXTURE SCHEDULE.
2. FIXTURE FINISHES HAVE BEEN PROVIDED AS GENERAL CONFORMANCE WITH FINISHES. ALL FIXTURE FINISHES SHALL BE CONFIRMED WITH ARCHITECT FOR FINAL SHOP DRAWING APPROVAL. FINISHES SHALL BE SUBMITTED IN PDF DRAWING FORMAT WITH TYPE AND FINISH. SAMPLE CHIPS FOR STANDARD FINISHES ARE REQUIRED TO BE SUBMITTED.
3. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT FIXTURE LENGTHS FOR ALL CONTINUOUS LINEAR FIXTURES. ALSO RECESSED HOUSING OR GROVE FIXTURES MOUNTED WALL TO WALL. ACCEPTABLE DISTANCE FOR LAST LED SHALL BE 4" MIN. IF MAX FOR ALL END CONDITIONS. ACCENT LED SHALL BE CONTINUOUS END TO END.

Type	Lamp	Description	Finish	Voltage	Mounting	Manufacturer	Catalog Number	Alternate 1	Alternate 2	Control	Location	Comments
SD-NOTE 1		COMMENT NOTE 1: LIGHTING SHALL BE PHOTOCELL CONTROLLED ACTIVATION WITH TIMECLOCK OVERRIDE (PHOTOCELL IS BASE SYSTEM)										
SD-NOTE 2		COMMENT NOTE 2: LIGHTING SHALL BE PHOTOCELL CONTROLLED ACTIVATION WITH TIMECLOCK OVERRIDE WITH DIMMING CAPABILITY (PHOTOCELL IS BASE SYSTEM)										
S1	TWO (1) WATT GLOBE / FIXTURE HEAD (2) 15.8 WATT LED, 4782 LUMENS, 3500K	17" TALL POLE MOUNTED AREA LIGHT, TIVOOLI CABLE SYSTEM, DOUBLE BANNER ARM WITH BREAK AWAY ARMS, CAST ALUMINUM FIXTURE HOUSING WITH ASYMMETRIC DISTRIBUTION, COORDINATE CABLE TIVOOLI CONNECTOR. BUILDING FAÇADE, CLEAR GLOBES 18" OC, APPROX BANNER SIZE 5' HT X 18" WIDE, STRAIGHT ALUMINUM POLE	CUSTOM FINISH, TBD BY ARCHITECT	120 / 277 // 120/12	POLE MOUNT	BEGA	84254 & CUSTOM POLE / TIVOOLI LITESPHERE			0-10 VOLT / CONTROL POLE LIGHTS SEPARATE FROM TIVOOLI CABLE SYSTEM	SITE: STAMPEDE TRAIL	SEE NOTE 1
S1A		NOT USED										
S1B	FIXTURE HEAD (1) 15.8 WATT LED, 4782 LUMENS, 3500K	SIMILAR TO TYPE S1 EXCEPT WITHOUT TIVOOLI CABLE SYSTEM & DOUBLE HEAD	CUSTOM FINISH, TBD BY ARCHITECT	120 / 277	POLE MOUNT	BEGA	84254 & CUSTOM POLE			0-10 VOLT	SITE: PEDESTRIAN WALKWAYS	SEE NOTE 1
S2	11.8 WATT RGBW LED COLOR CHANGING, 3500K WHITE	18" TALL CYLINDRICAL LUMINOUS LIGHT COLUMN, TAPERED LUMINOUS ACRYLIC APPROX 5' TO 7.5' X 7.6" DIAMETER, INTERNAL FLANGE BASE PLATE	CUSTOM FINISH, TBD BY ARCHITECT	120 / 277	POLE MOUNT	HESS AMERICA	SIERRA 2500K RGBW			DMX INTERFACE FOR COLOR CHANGING	SITE: PEDESTRIAN ENTRIES	SEE NOTE 1
S3	(6) 58 WATT 3500 K, 4905 LUMENS	45° ANGLED HIGH MAST ANGLED TAPERED POLE WITH INTEGRATED ADJUSTABLE SPOTLIGHTS, EXACT FIXTURE DISTRIBUTION TBD, APPROX FIXTURE SIZE 11" DIAMETER X 13" TALL FULL ADJUSTABLE, ANGLED POLE ANGLE TBD APPROX 10 TO 15 DEGREES	CUSTOM FINISH, TBD BY ARCHITECT	120 / 277	POLE MOUNT	SELLIX	CUSTOM POLE WITH OLIVIO HEADS			0-10 VOLT	SITE: SOUTHWEST ENTRY	SEE NOTE 1
S4	2.5 WATTS/LF, 200 LUMEN PER FOOT, 3500K	STAINLESS STEEL HANDRAIL WITH INTEGRATED CONTINUOUS LED, ASYMMETRIC DISTRIBUTION, BEAM SPREAD, EXACT CONFIGURATION TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS - PLAN & ELEVATION, INTEGRAL DRIVER	STAINLESS STEEL FINISH TBD	120 / 277	HANDRAIL	COLE	LRS SERIES ASYMMETRIC DISTRIBUTION			0-10 VOLT	SITE: STAIRS - END CONDITIONS	SEE NOTE 1
S4A	2.5 WATTS/LF, 200 LUMEN PER FOOT, 3500K	SIMILAR TO TYPE L4 EXCEPT SYMMETRIC DISTRIBUTION	STAINLESS STEEL FINISH TBD	120 / 277	HANDRAIL	COLE	LRS SERIES SYMMETRIC DISTRIBUTION			0-10 VOLT	SITE: STAIRS - MIDDLE CONDITIONS	SEE NOTE 1
S5	20 WATTS MAX, 1500 LUMEN MAX, 3500K	WALL MOUNTED ADJUSTABLE DOWNLIGHT, SQUARE PROFILE WITH DEEP REGRESS OPTICS FOR LOW GLARE, DIE ALUMINUM HOUSING APPROX FIXTURE SIZE 6" X 6" X 8" PROJECTION, INTEGRAL DRIVER	CUSTOM FINISH TO MATCH WEST FAÇADE	120 / 277	WALL, APPROX 9" AFF	SYSTEMALUX	I PRO SERIES			0-10 VOLT DIMMING	FAÇADE WEST ELEVATION AT PODIUM	SEE NOTE 2
S6	7.5 WATTS/LF MAX, 900 LUMEN PER FOOT MAX, 3500K	WALL OR SURFACE MOUNTED LINEAR UPLIGHT AT ENTRY CANOPIES, CONTINUOUS LINEAR HOUSING LENGTHS TO MATCH CANOPY WIDTH TO NEAREST 1", REMOTE DRIVER TO INTERIOR ACCESSIBLE VENTILATED LOCATION, WALLWASH DISTRIBUTION TBD	CUSTOM MATCH MULLION FINISH	120 / 277	SURFACE / WALL BELOW CANOPY - EXACT HT TBD	LUMENPULSE	LUMENFAÇADE REMOTE LOGR			0-10 VOLT	FAÇADE ENTRY CANOPIES	SEE NOTE 1
S7	128 WATTS, 13000 LUMENS, 3500K	GROVE MOUNTED FAÇADE WALLWASH, DIE CAST ALUMINUM HOUSING WITH CLEAR GLASS LENS, STANCHION... MOUNT FOR FIXTURE AIMING, INTEGRAL DRIVER, EXTERNAL GLARE SHIELD	STANDARD TBD	120 / 277	STANCHION YOKE MOUNT AT GRADE	HYDREL	8100 SERIES WITH EXTERNAL SHIELDING			0-10 VOLT	FAÇADE EAST	SEE NOTE 1
S8	48 WATTS MAX, 5000 LUMENS, 3500K	SURFACE MOUNTED ADJUSTABLE ACCENT DOWNLIGHT WITH EXTERNAL FULL GLARE SHIELD AND LENS... DIE CAST ALUMINUM HOUSING WITH CLEAR GLASS LENS, DISTRIBUTION TBD	CUSTOM FINISH TO MATCH STRUCTURE	120 / 277	WALL REFER TO ELEVATIONS	BEGA	77702 // 77689 + ACCESSORIES			0-10 VOLT	FAÇADE EAST	SEE NOTE 1
S9	20 WATTS MAX, 2000 LUMENS, 3500K	RECESSED DOWNLIGHT 3" APERTURE WITH DEEP REGRESS OPTICS, 40 OR 60 DEGREE DISTRIBUTION TBD, INTEGRAL DRIVER, LENSED WITH SEALED OPTICS	CUSTOM FINISH AT CANOPY, STANDARD FINISH AT EXIT	120 / 277	RECESSED	LUMENPULSE	NANO WET			0-10 VOLT	FAÇADE CANOPY & EXIT	SEE NOTE 1
S10	23 WATTS MAX, 2350 LUMENS, 3500K	WALL MOUNTED SHIELDED DOWNLIGHT WITH ASYMMETRIC DISTRIBUTION, DIE CAST ALUMINUM HOUSING WITH TEMPERED GLASS LENS, APPROX SIZE 10" WIDE X 8" DEEP X 5" TALL	STANDARD TBD	120 / 277	WALL ABOVE DOOR	BEGA	22386 SERIES			0-10 VOLT	SITE: EXITS	SEE NOTE 1
S11	8.5 WATTS/LF MAX, 400 LUMEN PER FOOT MAX, 3500K	RECESSED IN GRADE UPLIGHT WALLWASH, CONTINUOUS LENGTHS PER PLAN FOR BUILDING SIGNAGE / FEATURE WALLS TO NEAREST 1" INCREMENT INTEGRAL DRIVER, FLUSH MOUNT TO RAISED PLYNTH, RE LANDSCAPE DRAWINGS	STANDARD	120 / 277	RECESS FLUSH IN GRADE	LUMENPULSE	LUMENFAÇADE INGROUND			0-10 VOLT	FAÇADE WEST	SEE NOTE 1
S11A	15 WATTS/LF MAX, 800 LUMEN PER FOOT MAX, 3500K	BRACKET MOUNTED ADJUSTABLE ACCENT WALLWASH DOWNLIGHT, CONTINUOUS LENGTHS AT FEATURE WALL, DISTRIBUTION AND BRACKET LENGTH TBD, INTEGRAL DRIVER AND EXTERNAL LOUVER	CUSTOM TBD	120 / 277	WALL BRACKET TOP OF WALL	LUMENPULSE	LUMENFAÇADE + ACCESSORIES			0-10 VOLT	FAÇADE NORTHWEST ENTRY	SEE NOTE 1
S11B	15 WATTS/LF MAX, 800 LUMEN PER FOOT MAX, 3500K	SIMILAR TO TYPE S11A EXCEPT CONCEALED SURFACE MOUNT LOCATED AT NORTH FAÇADE, STANDARD FINISH (CONCEALED), NOTE FIXTURE MOUNTED AT SLOPE - PROVIDE VARIOUS CONTROL ZONES - EVERY 15' - FOR DIMMING AT MULTIPLE HEIGHTS	STANDARD TBD	120 / 277	SURFACE	LUMENPULSE	LUMENFAÇADE + ACCESSORIES			0-10 VOLT DIMMING	FAÇADE NORTH FAÇADE	SEE NOTE 1
S11C	15 WATTS/LF MAX, 800 LUMEN PER FOOT MAX, 3500K	SIMILAR TO TYPE S11A EXCEPT UPLIGHT ORIENTATION, DISTRIBUTION TBD BASED UPON EXTERIOR PANEL TYPE GRAPHIC, COORDINATE BRACKET ARMS WITH STRUCTURAL PANELS	CUSTOM MATCH STRUCTURE	120 / 277	SURFACE BRACKET AT BASE OF ARCH PANEL	LUMENPULSE	LUMENFAÇADE + ACCESSORIES			0-10 VOLT DIMMING	FAÇADE SOUTH PARKING STRUCTURE	SEE NOTE 1
S11D	17.25 WATTS/LF MAX, 750 LUMEN PER FOOT MAX, 3500K	SIMILAR TO TYPE S11C EXCEPT RGBW COLOR CHANGING (UPLIGHT CONFIGURATION)	CUSTOM MATCH STRUCTURE	120 / 277	SURFACE BRACKET HT TBD	LUMENPULSE	LUMENFAÇADE HORIZONTAL LOGH			DMX DIMMING INTERFACE	FAÇADE PERFORATED FAÇADE PANEL FOLD OS	SEE NOTE 1
S12	48 WATTS MAX, 5000 LUMENS, 3500K	SURFACE / WALL MOUNTED DOWNLIGHT, CONCEAL BETWEEN SLAT BAFFLES AT CANOPY	CUSTOM MATCH CANOPY	120 / 277	SURFACE WALL WITHIN CANOPY	SYSTEMALUX	I PRO WALL SERIES			0-10 VOLT	FAÇADE WEST CANOPY	SEE NOTE 1
S13	50 WATTS MAX, 5000 LUMENS MAX, 3500K	CYLINDRICAL LUMINOUS WALL SCONCE, APPROX 4' OVERALL HEIGHT WITH 30" X 8" DIAMETER LUMINOUS ACRYLIC DIFFUSER WITH 3 LIGHT ENGINES	CUSTOM MATCH TYPE S2	120 / 277	WALL	SELLIX	MTR CUSTOM SCONCE			0-10 VOLT	FAÇADE EAST	SEE NOTE 1
S14	91 WATTS MAX, 5200 LUMENS MAX, 3500K	SURFACE (ROOF) MOUNTED RIBBON PARAPET ADJUSTABLE UPLIGHT, INTEGRAL DRIVER, EXTERNAL GLARE... STANCHION YOKE MOUNT	STANDARD FINISH	120 / 277	STANCHION YOKE MOUNT AT ROOF	AMERLUX	VARIETTA SERIES + ACCESSORIES			0-10 VOLT	FAÇADE ROOF PARAPET	SEE NOTE 1
S14A	8.5 WATTS/LF MAX, 400 LUMEN PER FOOT MAX, 3500K	SURFACE MOUNTED ADJUSTABLE LINEAR ACCENT WALLWASH UPLIGHT, CONTINUOUS LENGTHS NEAR PARAPET, DISTRIBUTION AND BRACKET LENGTH TBD, INTEGRAL DRIVER AND EXTERNAL LOUVER	STANDARD FINISH	120 / 277	SURFACE ROOF	LUMENPULSE	LUMENFAÇADE + ACCESSORIES			0-10 VOLT	FAÇADE ROOF PARAPET	SEE NOTE 1
S15	100 WATTS, 3600 LUMENS, 3500K	SURFACE MOUNTED ADJUSTABLE YOKE MOUNT ACCENT UPLIGHT, RGBW COLOR CHANGING LED, EXTERNAL SHIELD, 40 DEGREE WFL DISTRIBUTION - TO BE CONFIRMED, ALLOW FOR LENS ACCESSORIES	CUSTOM MATCH STRUCTURE	120 / 277	CUSTOM MATCH STRUCTURE	LUMENPULSE	LUMENBEAM GRANDE RGBW + ACCESSORIES			DMX INTERFACE	FAÇADE WEST ENTRY	SEE NOTE 1
S15A	17.25 WATTS/LF MAX, 400 LUMEN PER FOOT MAX, 3500K	SURFACE MOUNTED CONCEALED ADJUSTABLE LINEAR UPLIGHT, CONTINUOUS ILLUMINATION AT UPPER BROW, EXTERNAL GLARE SHIELD	STANDARD	120 / 277	STANDARD FINISH	LUMENPULSE	LUMENBEAM FAÇADE HORIZONTAL RGBW + ACCESSORIES			DMX INTERFACE	FAÇADE WEST	SEE NOTE 1
S16	36 WATTS, 2800 LUMENS, 3500K	SURFACE MOUNTED CYLINDER DOWNLIGHT, REGRESS MOUNT IN ARCHITECTURAL SOFFIT, STANDARD FINISH... DEGREE FLOOD DISTRIBUTION	STANDARD FINISH, TBD	120 / 277	SURFACE CONCEALED	SYSTEMALUX	SLOT DRYER SERIES			0-10 VOLT	FAÇADE EAST	SEE NOTE 1



me engineers
14143 Denver West Pkwy, Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

CALGARY EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

SITE PLAN LIGHTING
FIXTURE SCHEDULE

DPE1.201

2001931 PLOT DATE: 10/20/2021 6:03:36 PM

S1 17' TALL POLE MOUNTED AREA LIGHT - DOUBLE HEAD WITH TIVOLI CABLE SYSTEM & SINGLE BANNER ARM

S1 DOUBLE HEAD FIXTURE

S1 TIVOLI CABLE SYSTEM

S1A 17' TALL POLE MOUNTED AREA LIGHT - DOUBLE HEAD & SINGLE BANNER ARM (SIMILAR TO S1 EXCEPT W/O TIVOLI)

S1B 17' TALL POLE MOUNTED AREA LIGHT - SINGLE HEAD & SINGLE BANNER ARM (SIMILAR TO S1A EXCEPT SINGLE HEAD)

GENERAL NOTES:
1. REFER TO SHEET DPE1.201 FOR LIGHTING FIXTURE SCHEDULE.
2. FIXTURE FINISHES HAVE BEEN PROVIDED AS GENERAL CONFORMANCE WITH FINISHES. ALL FIXTURE FINISHES SHALL BE CONFIRMED WITH ARCHITECT FOR FINAL SHOP DRAWING APPROVAL. FINISHES SHALL BE SUBMITTED IN RCP DRAWING FORMAT WITH TYPE AND FINISH. SAMPLE CHIPS FOR STANDARD FINISHES ARE REQUIRED TO BE SUBMITTED.
3. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT FIXTURE LENGTHS FOR ALL CONTINUOUS LINEAR FIXTURES. ALSO RECESSED HOUSING OR CONE FIXTURES REQUIRED TO WALL TO WALL. ACCEPTABLE DISTANCE FOR LAST LED SHALL BE 4" MIN / 1" MAX FOR ALL END CONDITIONS. ACCENT LED SHALL BE CONTINUOUS END TO END.



ISSUED FOR:
2 2021-08-03 DEVELOPMENT PERMIT
3 2021-10-05 DP RESUBMISSION
5 2021-10-22 DP RESUBMISSION 2

S2 16' TALL CYLINDRICAL LUMINOUS LIGHT COLUMN, RGBW COLOR CHANGING & DMX INTERFACE

S3 45' TALL HIGH MAST POLE WITH INTEGRATED SPOTLIGHTS, ANGLED TAPERED POLE

S3 SPOTLIGHTS, VARIED DISTRIBUTION

S4 INTEGRATED LUMINOUS HANDRAIL LIGHT SYMMETRIC & ASYMMETRIC DISTRIBUTION

S5 WALL MOUNTED ADJUSTABLE DOWNLIGHT

S5 WALL MOUNTED ADJUSTABLE DOWNLIGHT

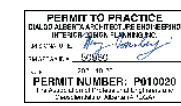
S6 SURFACE MOUNTED CANOPY UPLIGHT

S7 GRADE MOUNTED EAST FACADE WALLWASH

S8 SURFACE MOUNTED ADJUSTABLE ACCENT DOWNLIGHT WITH EXTERNAL GLARE SHIELD

S9 RECESSED DOWNLIGHT WET LOCATION SEALED, REGULAR OUTPUT

THIS SHEET
ORIGINALLY
PRINTED IN
COLOR



me engineers
14143 Denver West Pkwy,
Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

SITE PLAN LIGHTING
FIXTURE CUTS

DPE1.202

2001931 PLOT DATE: 10/20/2021 6:03:40 PM

GENERAL NOTES:
1. REFER TO SHEET DPE1.201 FOR LIGHTING FIXTURE SCHEDULE.
2. FIXTURE FINISHES HAVE BEEN PROVIDED AS GENERAL CONFORMANCE WITH FINISHES. ALL FIXTURE FINISHES SHALL BE CONFIRMED WITH ARCHITECT FOR FINAL SHOP DRAWING APPROVAL. FINISHES SHALL BE SUBMITTED IN RCP DRAWING FORMAT WITH TYPE AND FINISH SAMPLE CHIPS. FOR STANDARD FINISHES ARE REQUIRED TO BE SUBMITTED.
3. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT FIXTURE LOCATIONS FOR ALL CONTINUOUS LINEAR FIXTURES. ALSO RECESSED HOUSING OR CONE FIXTURES MOUNTED TO WALL TO MEET ACCEPTABLE DISTANCE FOR LAST LED SHALL BE 4" MIN / 1" MAX FOR ALL END CONDITIONS. ACCENT LED SHALL BE CONTINUOUS END TO END.



ISSUED FOR:
2 2021-08-03 DEVELOPMENT PERMIT
3 2021-10-05 DP RESUBMISSION
5 2021-10-22 DP RESUBMISSION 2

S10 WALL MOUNTED SHIELDED AREA DOWNLIGHT

S11 LINEAR INGRADE UPLIGHT WITH INTERNAL GLARE SHIELD, MOUNT IN RAISED PLYNTH FOR SIGNAGE

S11A ARM MOUNTED ADJUSTABLE LINEAR DOWNLIGHT WALLWASH WITH EXTERNAL GLARE SHIELD - NW ENTRY

S11B CONCEALED SURFACE MOUNTED ADJUSTABLE LINEAR DOWNLIGHT WALLWASH WITH EXTERNAL GLARE SHIELD - NORTH FACADE

S11C ARM MOUNTED ADJUSTABLE WALLWASH UPLIGHT WITH EXTERNAL GLARE SHIELD - SOUTH FACADE AT PARKING GARAGE

S11D CONCEALED BRACKET MOUNTED ADJUSTABLE WALLWASH UPLIGHT WITH RGBW COLOR CHANGING LED - BACKLIGHT AT PANEL FOLDS

S12 SURFACE MOUNTED DOWNLIGHT CONCEALED IN BREWERY CANOPY

S13 LARGE SCALE SCENCE

S14 SURFACE MOUNTED ADJUSTABLE UPLIGHT FLOODLIGHT AT RIBBON WITH EXTERNAL GLARE SHIELD

S14A SURFACE MOUNTED ADJUSTABLE LINEAR UPLIGHT FLOODLIGHT AT RIBBON WITH EXTERNAL GLARE SHIELD

S15 SURFACE MOUNTED ADJUSTABLE UPLIGHT ACCENT - RGBW COLOR CHANGING - EXTERNAL GLARE SHIELD

S15A SURFACE MOUNTED ADJUSTABLE LINEAR UPLIGHT ACCENT - RGBW COLOR CHANGING - EXTERNAL GLARE SHIELD

S16 SURFACE MOUNTED CYLINDER DOWNLIGHT, REGRESS MOUNT IN ARCHITECTURAL SOFFIT

PERMIT TO PRACTICE
DIALOG ARCHITECTURE ENGINEERING
INTERIOR DESIGN, CALGARY, ALBERTA
MICHAEL L. [Signature]
REGISTERED PROFESSIONAL
PERMIT NUMBER: P010020
10/20/2021



me engineers
14143 Denver West Pkwy,
Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

CALGARY
EVENT CENTRE
519 - 12th AVE SE, CALGARY, AB

SITE PLAN LIGHTING
FIXTURE CUTS

DPE1.203

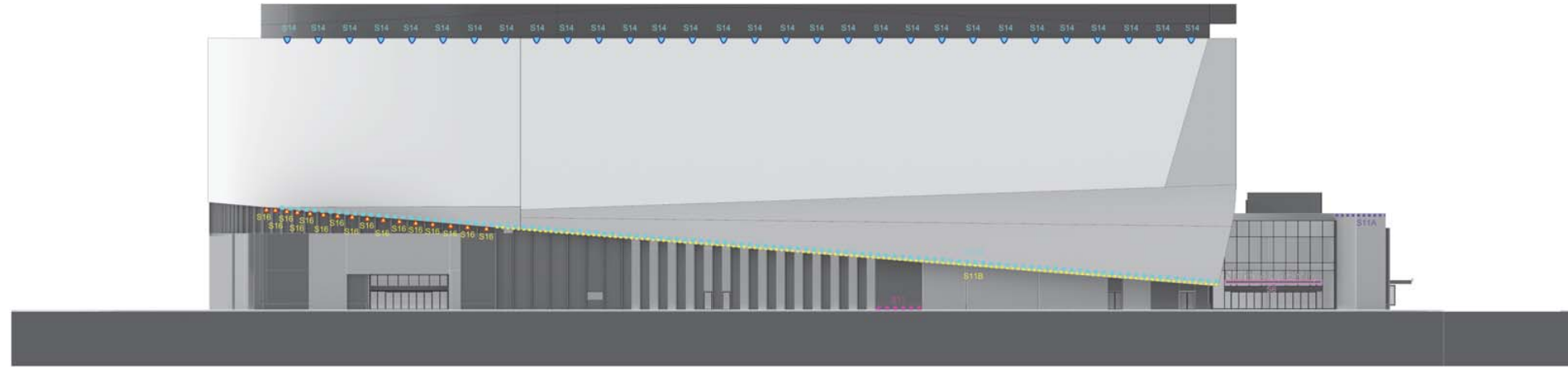
THIS SHEET
ORIGINALLY
PRINTED IN
COLOR

2001931 PLOT DATE: 10/20/2021 6:03:43 PM

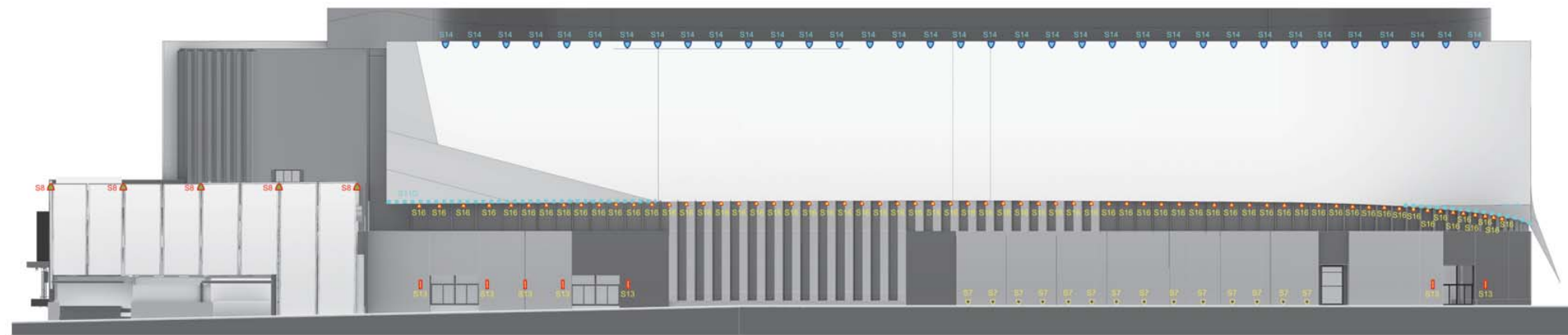


GENERAL NOTES:
 1. REFER TO SHEETS DPE1.201 THROUGH DPE1.203 FOR LIGHTING FIXTURE SCHEDULE AND CUT SHEETS.
 2. REFER TO LANDSCAPE DRAWINGS FOR ALL SITE FIXTURE LOCATIONS MOUNTED IN LANDSCAPE OR SOFTSCAPE. FIXTURE LOCATIONS ARE DIAGNOSTIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND LANDSCAPE ELEMENTS.
 3. ALL LANDSCAPE OR EXTERIOR BUILDING LIGHTING SHALL BE CONTROLLED VIA THE LIGHTING CONTROL SYSTEM.
 4. REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR ALL FIXTURE LOCATIONS ON THE EXTERIOR OF THE BUILDING. FIXTURE LOCATIONS ARE DIAGNOSTIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.
 5. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND COP WALLS.
 6. ALL EXPOSED SURFACE MOUNTED CONDUIT SHALL BE ROUTED IN A NEAT AND CONSISTENT MANNER, AND PAINTED TO MATCH STRUCTURE.

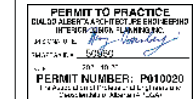
ISSUED FOR:
 2 2021-08-03 DEVELOPMENT PERMIT
 3 2021-10-05 DP RESUBMISSION
 5 2021-10-22 DP RESUBMISSION 2



North Elevation



East Elevation



me 14143 Denver West Pkwy,
 engineers Suite 300
 Golden, CO 80401
 303.421.6655
 www.me-engineers.com

**CALGARY
 EVENT CENTRE**
 519 - 12th AVE SE, CALGARY, AB

SITE LIGHTING PLAN
 FAÇADE ELEVATIONS

THIS SHEET
 ORIGINALLY
 PRINTED IN
 COLOR

DPE1.204

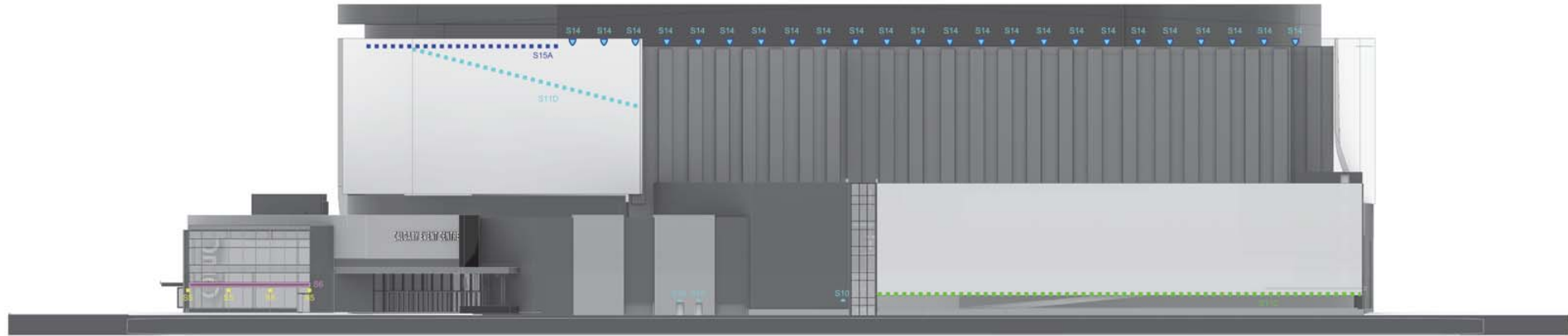
2001931 PLOT DATE: 10/20/2021 6:03:46 PM

GENERAL NOTES:
 1. REFER TO SHEETS DPE1.201 THROUGH DPE1.203 FOR LIGHTING FIXTURE SCHEDULE AND CUT SHEETS.
 2. REFER TO LANDSCAPE DRAWINGS FOR ALL SITE FIXTURE LOCATIONS MOUNTED IN HARDSCAPE OR SOFTSCAPE. FIXTURE LOCATIONS ARE DIAGNOSTIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND LANDSCAPE ELEMENTS.
 3. ALL LANDSCAPE OR EXTERIOR BUILDING LIGHTING SHALL BE CONTROLLED VIA THE LIGHTING CONTROL SYSTEM.
 4. REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR ALL FIXTURE LOCATIONS ON THE EXTERIOR OF THE BUILDING. FIXTURE LOCATIONS ARE DIAGNOSTIC. THE INTENT IS TO ALIGN CENTER OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.
 5. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND COP WALLS.
 6. ALL EXPOSED SURFACE MOUNTED CONDUIT SHALL BE ROUTED IN A NEAT AND CONSISTENT MANNER, AND PAINTED TO MATCH STRUCTURE.

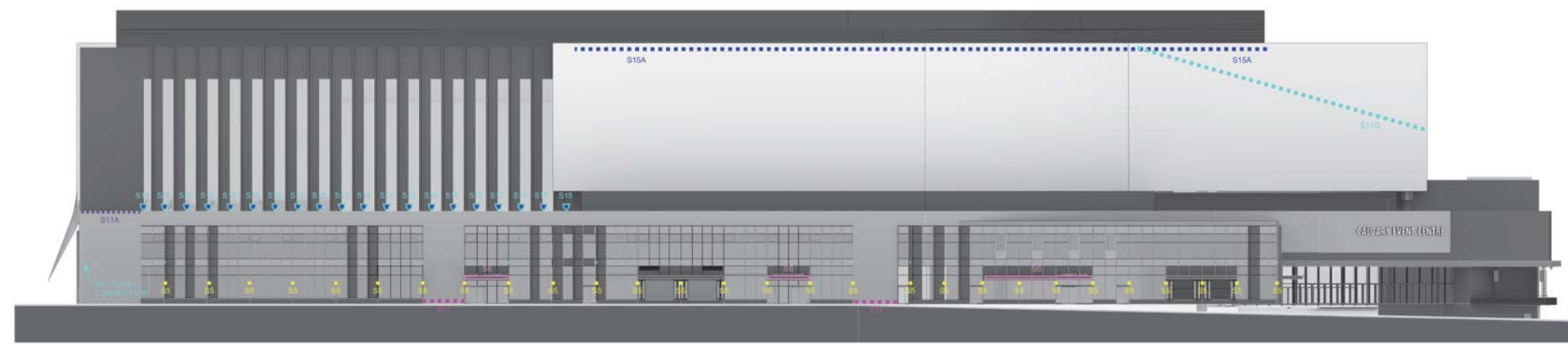


ISSUED FOR

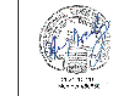
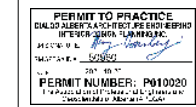
2	2021-08-03	DEVELOPMENT PERMIT
3	2021-10-05	DP RESUBMISSION
5	2021-10-22	DP RESUBMISSION 2



South Elevation



West Elevation



me 14143 Denver West Pkwy,
engineers Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

SITE LIGHTING PLAN
FAÇADE ELEVATIONS

THIS SHEET
ORIGINALLY
PRINTED IN
COLOR

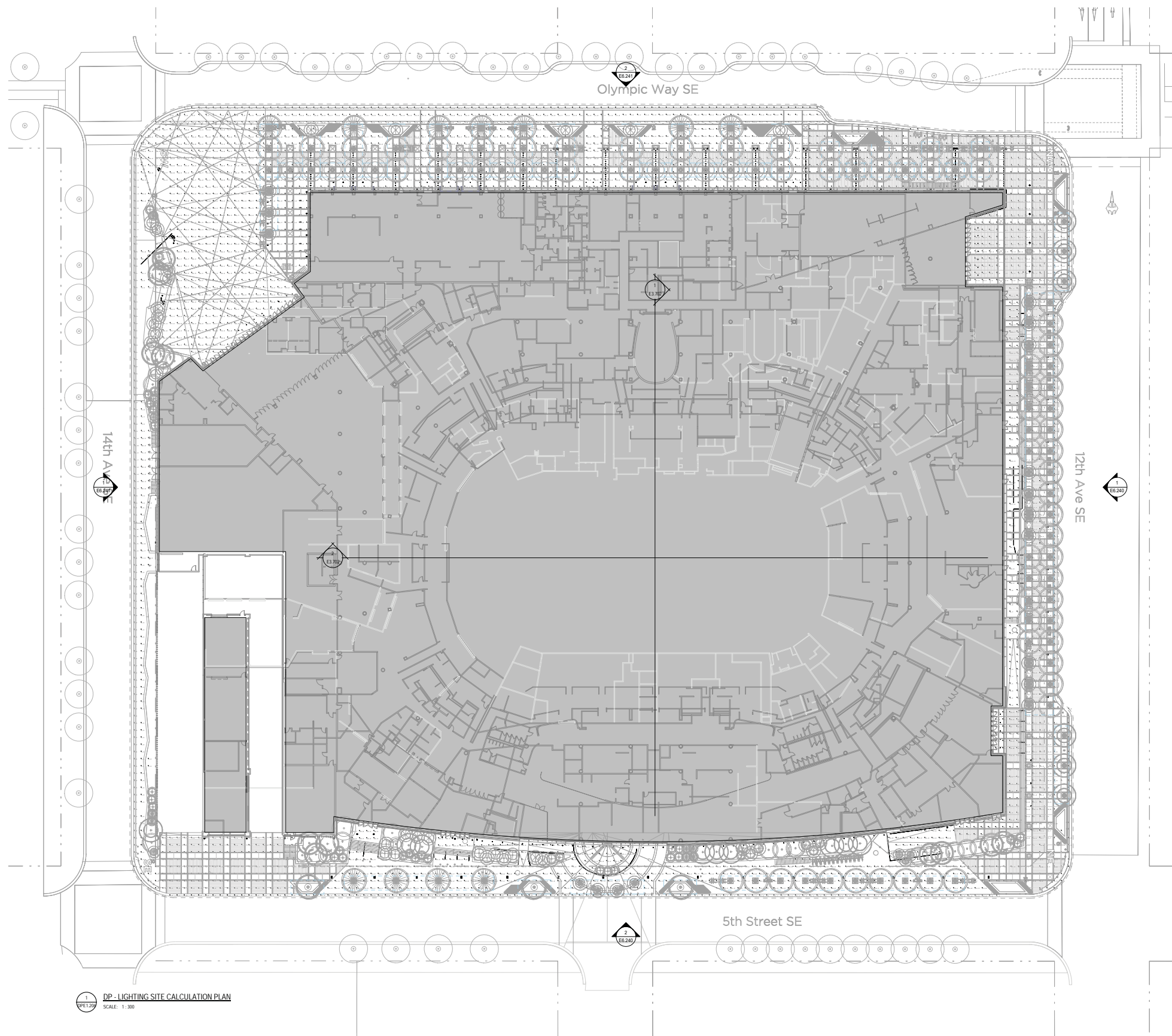
DPE1.205

2001931 PLOT DATE: 10/20/2021 6:03:49 PM

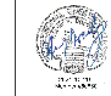
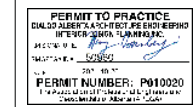


GENERAL NOTES
 1. REFER TO SHEET DPE1.201 FOR LIGHTING FIXTURE SCHEDULE.
 2. REFER TO SITE PLAN AND ELEVATIONS FOR LOCATION OF LIGHTING FIXTURES AND TYPES.
 3. NOT ALL TYPES INCLUDED IN CALCULATION ONLY RELEVANT DOWNLIGHTING EXPECTED TO CONTRIBUTE TO LIGHTING FLOOR SURFACE.
 4. CALCULATIONS REPRESENT A 5'x5' CALCULATION GRID ON THE GROUND PLANE. RETAIL LAMP LUMENS VALUES ARE UTILIZED WITH A 0.9 LIGHT LOSS FACTOR UNLESS NOTED OTHERWISE.
 5. THE GROUND PLANE IS CALCULATED AS A FLAT PLANE. CALCULATIONS DO NOT REPRESENT ANY SLOPE OR ELEVATION CHANGE.
 6. BUILDING, LANDSCAPE (TREES, OR HARDSCAPE (STAIR, RETAILING WALL) OBSTRUCTIONS HAVE NOT BEEN ACCOUNTED FOR IN THE CALCULATION.
 7. CALCULATIONS ARE ACCURATE TO +/- 5% OF VALUES NOTED.
 8. ALL ILLUMINANCE VALUES SHOW ARE IN UNITS OF LUX. TO THE 1ST DECIMAL PLACE.
 9. CALCULATIONS INCORPORATE MANUFACTURERS PUBLISHED PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER UNLESS NOTED OTHERWISE.

ISSUED FOR
 3 2021-10-05 DP RESUBMISSION
 5 2021-10-22 DP RESUBMISSION 2



1 DP - LIGHTING SITE CALCULATION PLAN
 SCALE: 1:300



me 14143 Denver West Pkwy,
 Suite 300
 Golden, CO 80401
 engineers 303.421.6655
 www.me-engineers.com

**CALGARY
 EVENT CENTRE**
 519 - 12th AVE SE, CALGARY, AB

SITE LIGHTING
 CALCULATION PLAN

DPE1.206



ISSUED FOR
3 2021-10-05 DP RESUBMISSION
5 2021-10-22 DP RESUBMISSION 2



01 - EVENT LEVEL - SECTOR ELECTRICAL PLAN FLOOD PLAN
SCALE: 1:200

PERMIT TO PRACTICE
DIALOG h+k ENGINEERS ARCHITECTS
PERMIT NUMBER: P010020



me engineers
14143 Denver West Pkwy,
Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

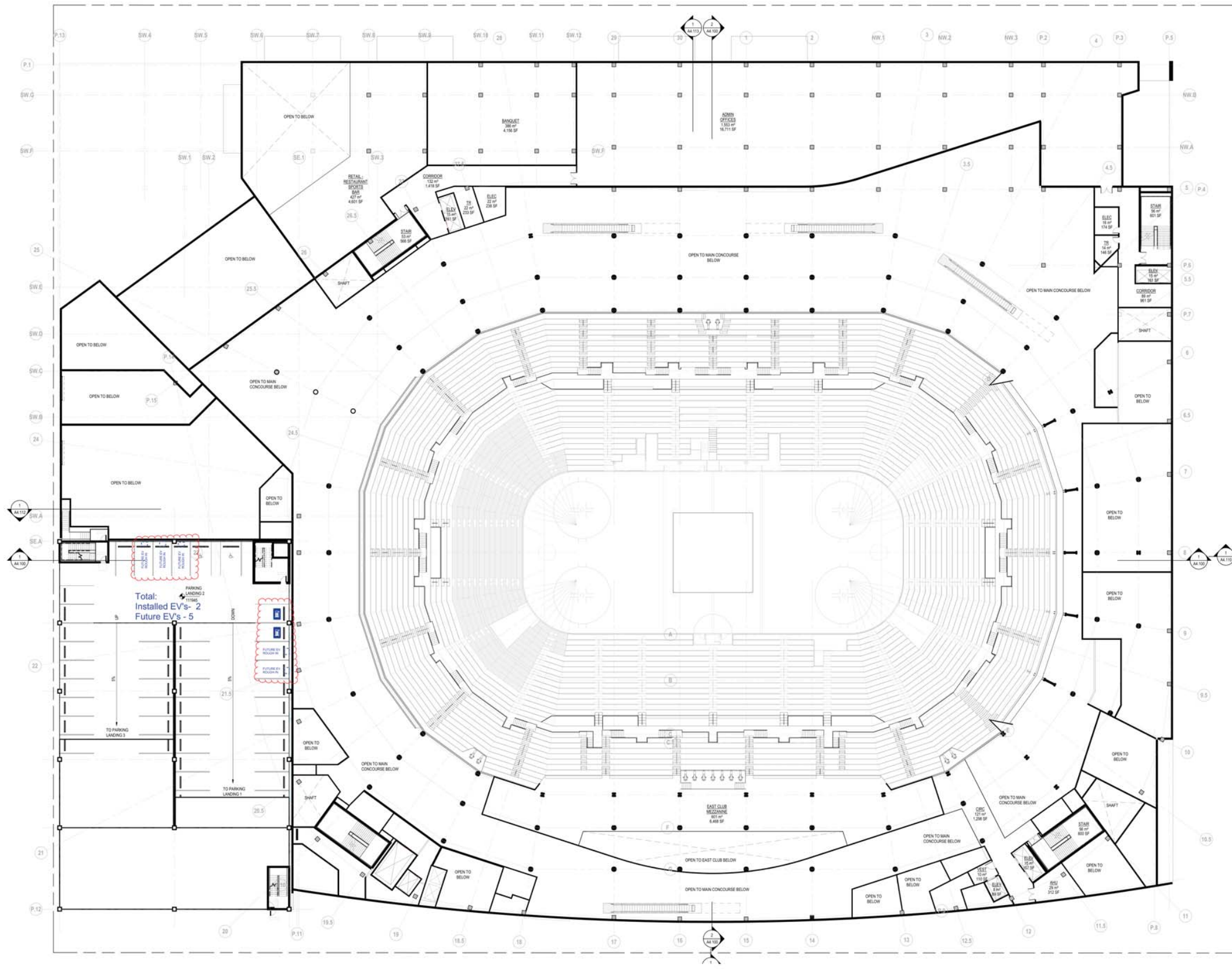
EVENT LEVEL -
OVERALL 100YR
FLOOD ELEVATION

DPE1.207

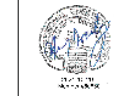
2001931 PLOT DATE: 10/20/2021 6:04:25 PM



ISSUED FOR
3 2021-10-05 DP RESUBMISSION
5 2021-10-22 DP RESUBMISSION 2



PERMIT TO PRACTICE
DIALOG h+k ARCHITECTS INC. REG. ARCHITECTS
1111 10th Ave. S.E. Calgary, Alberta T2G 1P7
403.241.6655
PERMIT NUMBER: P010020
1. Approved by the City of Calgary



me engineers
14143 Denver West Pkwy,
Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

**CALGARY
EVENT CENTRE**
519 - 12th Ave SE, CALGARY, AB

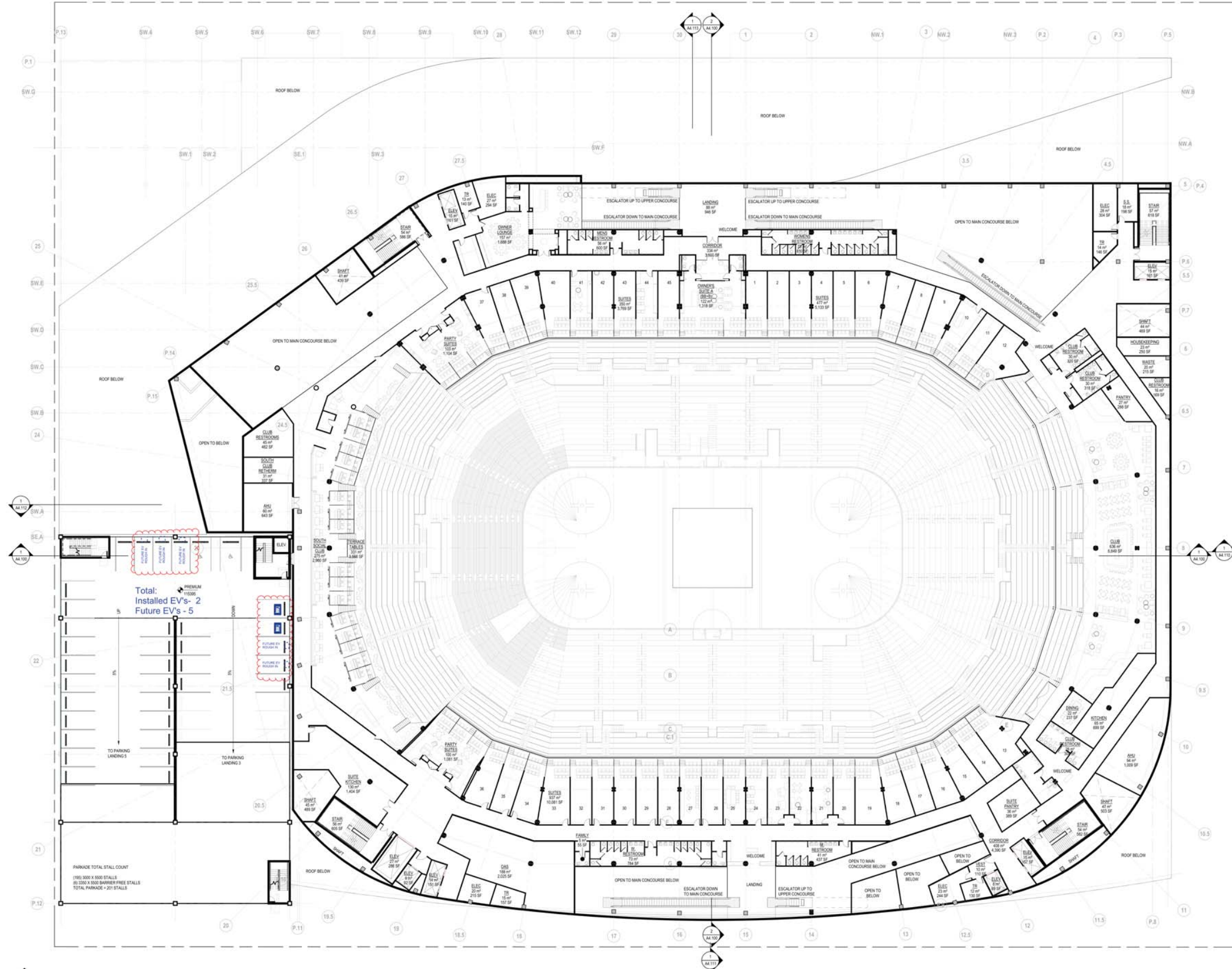
CLUB MEZZANINE
PARKING- EV
STATIONS

DPE1.209

2001931 PLOT DATE: 10/20/2021 6:04:31 PM



ISSUED FOR
3 2021-10-05 DP RESUBMISSION
5 2021-10-22 DP RESUBMISSION 2



PERMIT TO PRACTICE
DIALOG ALBERTA ARCHITECTS INC. REG. NO. 14477-AL-0001
14477-AL-0001
PERMIT NUMBER: P010020
14477-AL-0001



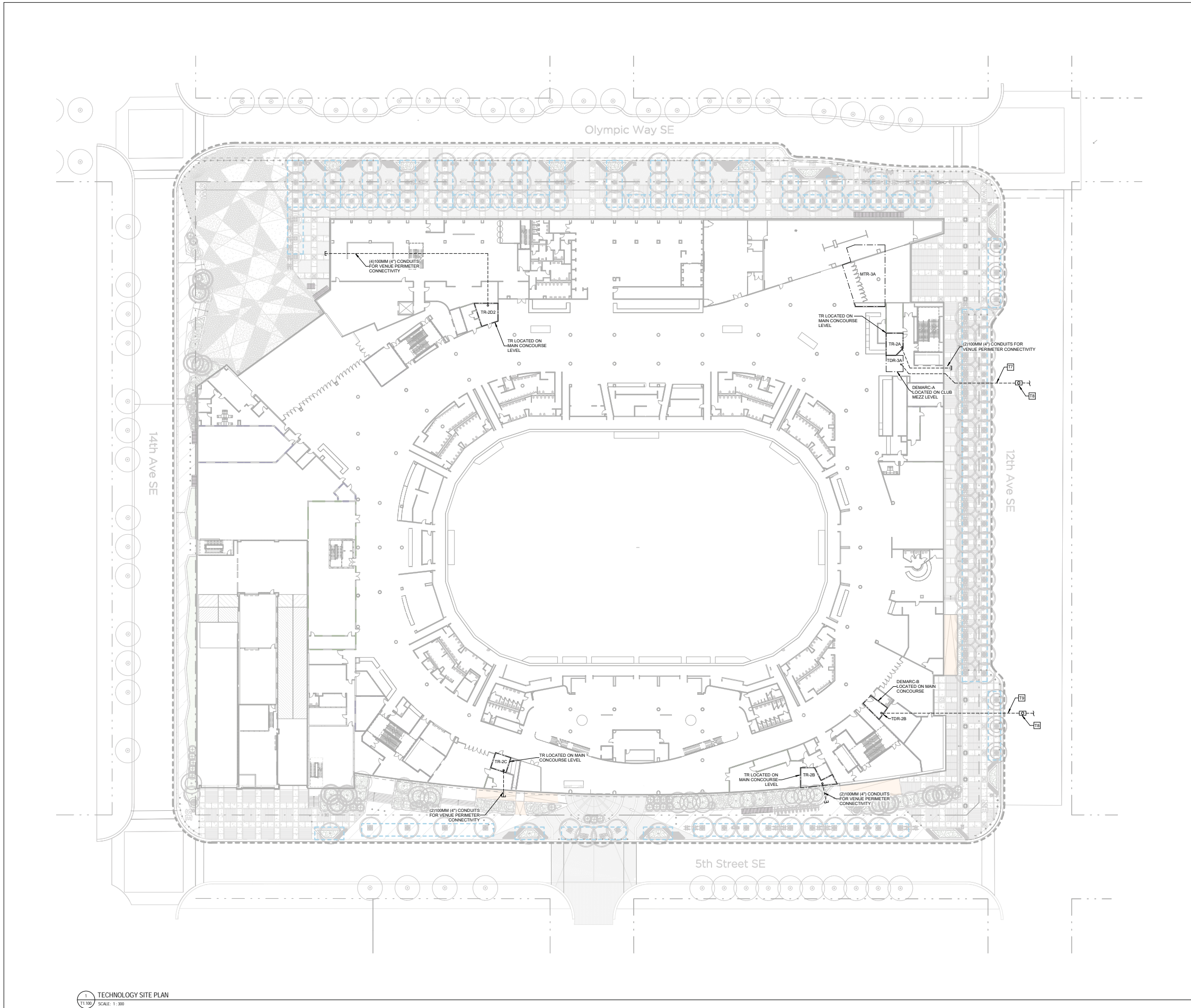
me engineers
14143 Denver West Pkwy,
Suite 300
Golden, CO 80401
303.421.6655
www.me-engineers.com

**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

UPPER CONCOURSE
PARKING - EV
STATIONS

DPE1.211

2001931 PLOT DATE: 10/20/2021 6:04:38 PM



GENERAL NOTES:

1. REFER TO SYMBOL LEGEND FOR ADDITIONAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO, INSTALLATION OF RACEWAY, CABLING, AND DEVICES.
2. ALL SITE TELECOMMUNICATIONS CONDUIT ROUTING IS INDICATED FOR REFERENCE ONLY. REFER TO CIVIL SITE PLAN TO VERIFY EXACT ROUTING AND COORDINATION WITH OTHER SITE UTILITIES.
3. ALL TELECOMMUNICATIONS MANHOLE AND PULL-BOX LOCATIONS ARE INDICATED FOR REFERENCE ONLY. REFER TO CIVIL SITE PLAN TO VERIFY EXACT PLACEMENT AND COORDINATION WITH OTHER SITE UTILITIES.
4. ALL SITE TELECOMMUNICATIONS CONDUIT SHALL BE INSTALLED BELOW FROST LINE.
5. ALL SITE TELECOMMUNICATIONS CONDUIT SHALL MAINTAIN A MINIMUM OF 300MM (12") OF SEPARATION FROM ELECTRICAL CONDUIT WHEN INSTALLED IN SHARED DUCTBANK.

KEYNOTES

17 PRIMARY COMM SERVICE: PROVIDE (3) 100MM (4") CONDUITS WITH METALLIC LOCATOR TAPE IN DUCT BANK BELOW GRADE FOR PRIMARY COMMUNICATIONS SERVICE. THREE (3) CONDUITS SHALL EACH BE INSTALLED WITH THREE (3) 8MM (1/4") DIAMETER INNER-DUCTS. CONDUITS SHALL ORIGINATE FROM THE DEMARC LOCATION AND ROUTE TO A PROJECT PROVIDED VAULT. COORDINATE CONDUIT PATH WITH LANDSCAPE DRAWINGS.

18 MANHOLE/MANHOLE: PROVIDE COMMUNICATIONS VAULT AT PROPERTY LINE. ADDITIONALLY, REFER TO CIVIL SITE PLAN TO VERIFY EXACT PLACEMENT AND COORDINATION WITH OTHER SITE UTILITIES.

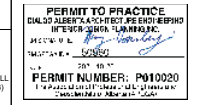
19 REDUNDANT COMM SERVICE: PROVIDE (6) 100MM (4") CONDUITS WITH METALLIC LOCATOR TAPE IN DUCT BANK BELOW GRADE FOR REDUNDANT COMMUNICATIONS SERVICE. THREE (3) CONDUITS SHALL EACH BE INSTALLED WITH THREE (3) 8MM (1/4") DIAMETER INNER-DUCTS. CONDUITS SHALL ORIGINATE FROM THE DEMARC LOCATION AND ROUTE TO A PROJECT PROVIDED VAULT. COORDINATE CONDUIT PATH WITH LANDSCAPE DRAWINGS.



ISSUED FOR

- 1 2020-12-23 SCHEMATIC DESIGN
- 2 2021-08-03 DEVELOPMENT PERMIT
- 3 2021-10-22 DP RESUBMISSION 2

NOT FOR CONSTRUCTION



ARCHITECT (AOR)
DIALOG h+k
300, 134 11TH AVENUE SE
CALGARY, AB T2G 0A5
(403) 245-5501

ARCHITECT
HOK
300 W 22ND STREET
KANSAS CITY, MO 64108 USA
(816) 492-2300

STRUCTURAL ENGINEER (EOR)
ENTULIVE
1514, 50 8TH AVENUE SW
CALGARY, AB T2N 3P9
(403) 878-1270

STRUCTURAL ENGINEER
THORNTON TOMASETTI
900, 230 GRAND BLVD
KANSAS CITY, MO 64108 USA
(816) 221-7771

MECHANICAL ENGINEER (EOR)
REINCH ENGINEERING
210, 1228 KENSINGTON ROAD NW
CALGARY, AB T2N 3P7
(403) 994-6960

MECHANICAL ENGINEER
ME ENGINEERS INC
300, 1414 DENVER W PARKWAY
GOLDEN, CO 80401 USA
(303) 421-6655

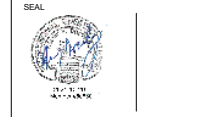
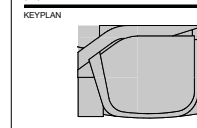
ELECTRICAL ENGINEER (EOR)
DIALOG h+k
300, 134 11 AVENUE SE
CALGARY, AB T2G 0A5
(403) 245-5501

ELECTRICAL ENGINEER
ME ENGINEERS INC
300, 1414 DENVER W PARKWAY
GOLDEN, CO 80401 USA
(303) 421-6655

ELECTRICAL ENGINEER
DESIGNONE
100, 4723 157 STREET SW
CALGARY, AB T2G 4Y9
(403) 282-1121

CIVIL ENGINEER
SINATIC CONSULTING LTD.
200, 325 25 STREET SE
CALGARY, AB T2K 7H6
(403) 718-8000

LANDSCAPE ARCHITECT
GROUND CUBED
25, 8002 8 STREET SE
CALGARY, AB T2H 2L8
(403) 476-0778



**CALGARY
EVENT CENTRE**

519 - 12th AVE SE, CALGARY, AB
**TECHNOLOGY SITE
PLAN**

DRAWN: ME
PLOT DATE: 10/20/2021 2:19:48 PM
CHECKED: ME

T1.100

2001931

1 TECHNOLOGY SITE PLAN
SCALE: 1:300



ISSUED FOR
 1 2021-06-03 DEVELOPMENT PERMIT
 2 2021-10-05 DP RESUBMISSION
 3 2021-10-02 DP RESUBMISSION 2

LEGEND

	PROPERTY LINE
	EXISTING SANITARY SEWER & TYPE 15 MANHOLE
	SANITARY SEWER & TYPE 15 MANHOLE
	SANITARY SEWER & TYPE 15 MANHOLE
	EXISTING STORM SEWER & TYPE 15 MANHOLE
	STORM SEWER & TYPE 15 MANHOLE
	GRADED TOP MANHOLE
	EXISTING PROPOSED CATCH BASIN
	FUTURE CATCH BASIN
	HYDRANT
	EXISTING WATERLINE & VALVE
	WATERLINE & REDUCER
	WATERLINE & VALVE
	CULTEC STORMWATER CHAMBER
	STORMTRAP SINGLE TRAP 150mm INTERNAL DEPTH LIMITS
	STORMTRAP SINGLE TRAP 90mm INTERNAL DEPTH LIMITS

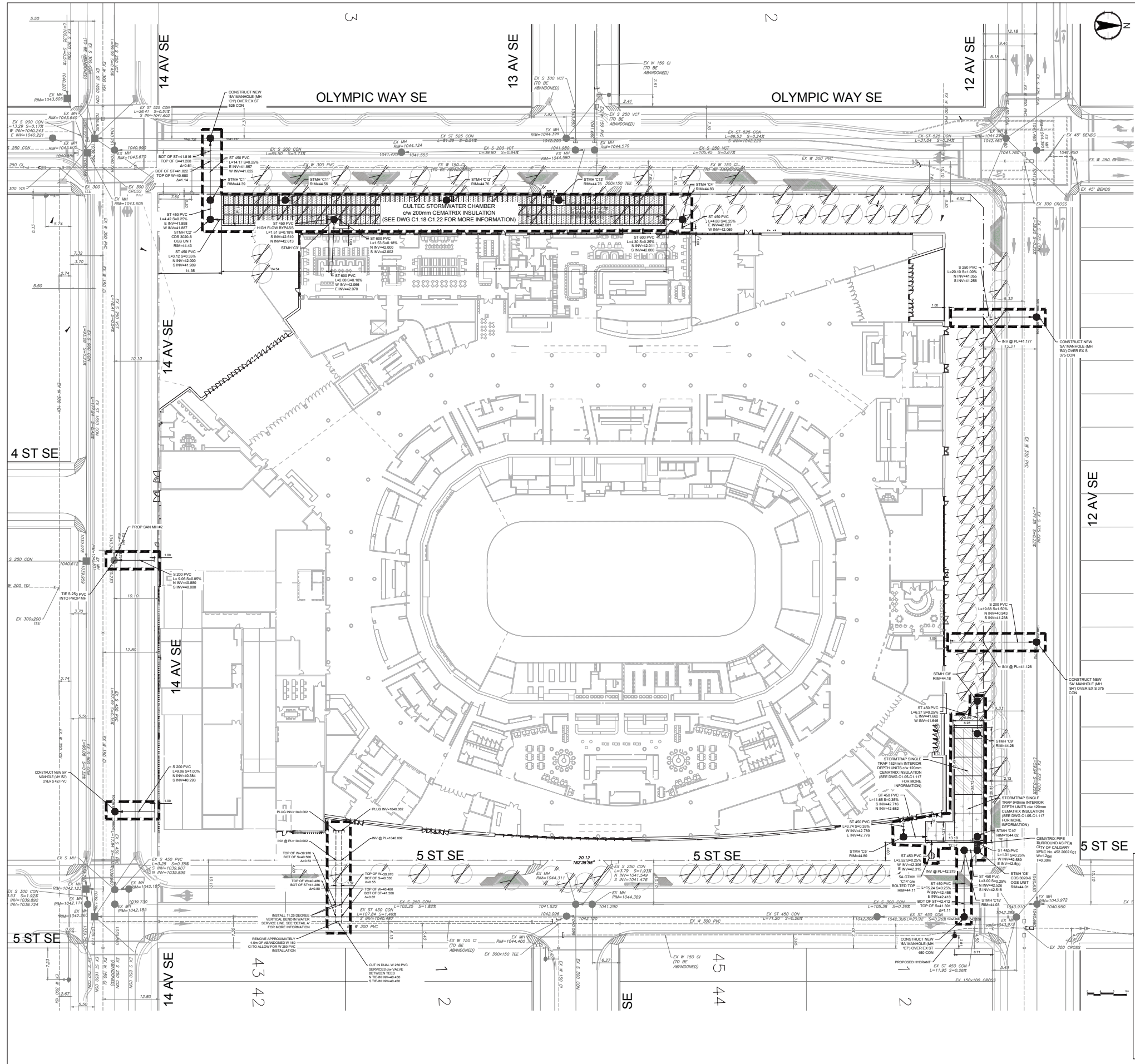


**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

**DEEP UTILITIES
SERVICING PLAN**

DPC1.01

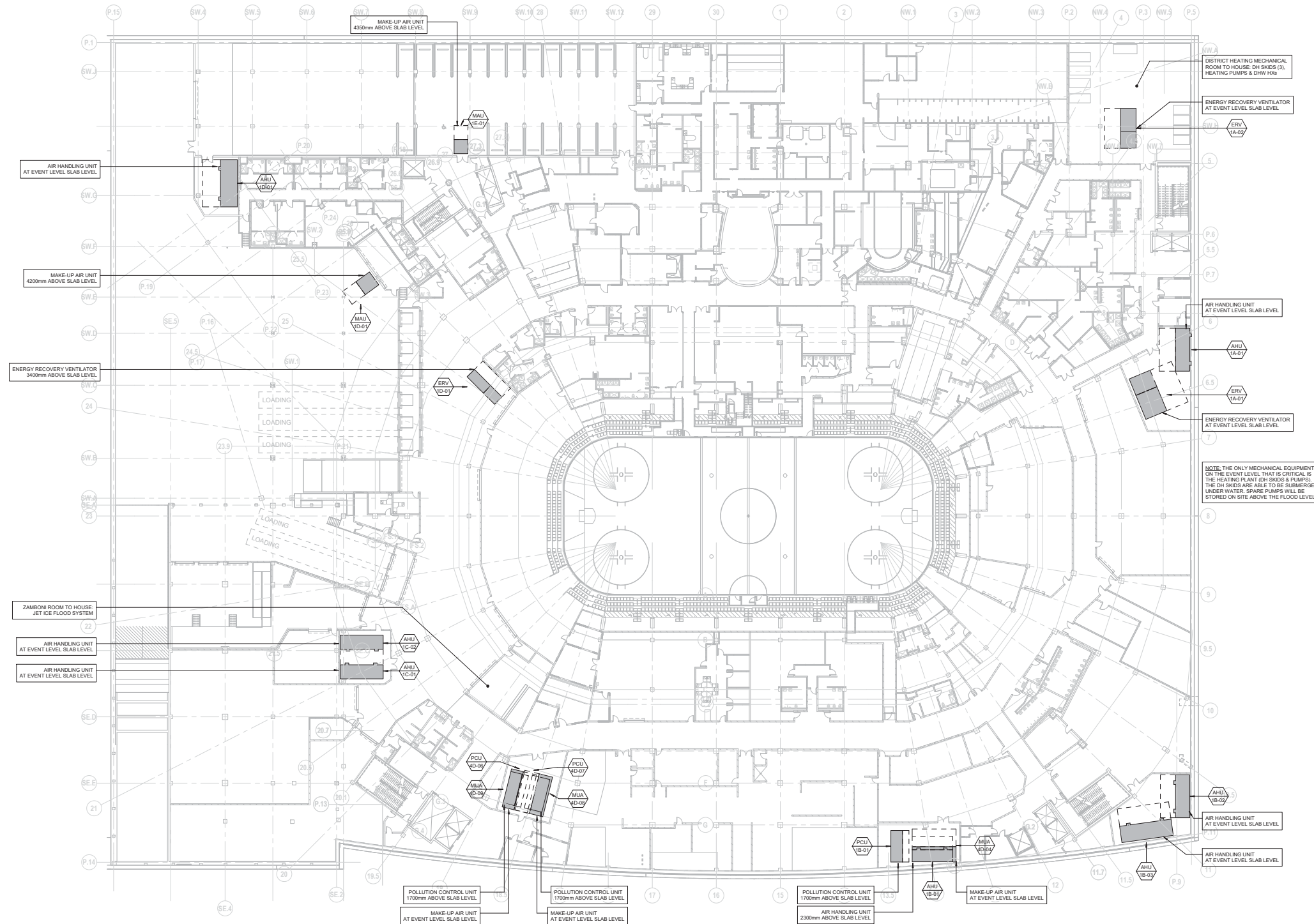
PLOT DATE:



- NOTES**
1. ALL PLANS SUBJECT TO TERMS OF THE DEVELOPMENT PERMIT.
 2. ALL WORK TO CONFORM TO CURRENT CITY OF CALGARY STANDARDS AND TECHNICAL SPECIFICATIONS FOR SEWERS, WATERSHEDS, AND ROAD CONSTRUCTION.
 3. CONTRACTOR TO VERIFY AND PROTECT LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
 4. PIPE MATERIALS ARE AS FOLLOWS UNLESS OTHERWISE NOTED:
 - SANITARY SEWERS: PVC 150 OR 200mm DIA @ 150mm
 - STORM SEWERS: PVC AS PER CSA B182.24
 - CATCH BASIN LEADS: 200mm AND 300mm PVC PER IS
 - WATERMANS: PVC AWWA C900-R15
 5. ALL SANITARY AND STORM MANHOLES TO BE BIC.
 6. ALL PIPE TO BE BEDDED WITH CLASS B EMBEDMENT TYPE INSTALLATION 20mm MAX FOR 475 PIPE, 40mm MAX FOR 375 PIPE, 10mm.
 7. ALL CONVECTION TO BE 1% STANDARD PROCTOR DENSITY AT OPTIMUM TO 13% OF OPTIMUM MOISTURE CONTENT.
 8. SHALLOW UTILITY INFORMATION SHOWN FOR CITY OF CALGARY DEVELOPMENT SITE SERVICING PLAN APPROVAL PROCESS ONLY.
 9. REFER TO SHALLOW UTILITY DRAWINGS FOR ALL DETAILS REGARDING ELECTRICAL, TELEPHONE, CABLE TV, GAS, AND SITE LIGHTING. DO NOT USE THIS DRAWING AS REFERENCE FOR ANY SHALLOW UTILITY SURVEY.
 10. EXISTING UTILITY INFORMATION FROM CITY OF CALGARY BLOCK PROFILES. STANTEC DOES NOT WARRANT THE ACCURACY OF ANY INFORMATION PROVIDED BY THE CITY OF CALGARY.
 11. NO CORRECTION MADE FOR CONSTRUCTION AND DATUM ERROR.
 12. PROVIDE 1% SLOPE FOR CS LEADS.
 13. RCDs ARE PERMANENT INFRASTRUCTURE AND CANNOT BE REMOVED AS PER CITY OF CALGARY DRAINAGE BYLAW 3720024.
 14. THE IN-43-0035 CATCH BASINS TO 150mm PVC STUB UTILIZE BENDS IF PREPARED WITH THE EXCEPTION OF 90°
 15. THE INVERTS OF THE EXISTING 300mm PVC WATER LINE INDICATED ON 12TH AVE ARE UNKNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE WATER LINE AND ENSURE THAT THERE IS ADEQUATE CLEARANCE (200mm) BETWEEN THE WATER LINE AND ANY SERVICES TO BE INSTALLED.
 16. ALL EXISTING OFFSET INVERTS AND RIM ELEVATIONS OBTAINED FROM TRIMBLE SURVEY DATED JULY 28, 2020.



ISSUED FOR
1 2021-10-05 DP RESUBMISSION
2 2021-10-22 DP RESUBMISSION 2



NOTE: THE ONLY MECHANICAL EQUIPMENT ON THE EVENT LEVEL THAT IS CRITICAL IS THE HEATING PLANT (DH SKIDS & PUMPS). THE DH SKIDS ARE ABLE TO BE SUBMERGED UNDER WATER. SPARE PUMPS WILL BE STORED ON SITE ABOVE THE FLOOD LEVEL.



PERMIT TO PRACTICE
REMEDIATION ENGINEERING
2021 10 22
PERMIT NUMBER: P012329

**CALGARY
EVENT CENTRE**
519 - 12th AVE SE, CALGARY, AB

EVENT LEVEL
EQUIPMENT PLAN

DPM1.001

2001931 PLOT DATE: 10/19/2021 3:41:05 PM