NOLAN HILL CENTRE

MUNICIPAL ADDRESS **APRIL 2, 2019**
318 NOLAN RIDGE CRESCENT NW CALGARY AB

LEGAL ADDRESS
PLAN 1911036, BLOCK 44, LOT 8

ISSUED FOR DEVELOPMENT PERMIT

CONSULTANTS

ARCHITECTURAL
ACE ARCHITECTURE INC.
220, 524 - 17TH AVE SW
CALGARY, AB T2S 0B2
T: 403.613.6336

LANDSCAPE
NAVAGRAH
204, 337 - 17TH AVE SW
CALGARY, AB T2S 0A5
T: 403.708.8778

CIVIL
VERITAS DEVELOPMENT SOLUTIONS
4, 141 COMMERCIAL DRIVE
CALGARY, AB T3Z 2A7
T: 587.393.5653

ELECTRICAL
IFUTURE ENGINEERING LTD.
367 SIENNA HEIGHTS HILL SW
CALGARY, AB T3H 3T5
T: 403.483.5465

ARCHITECTURAL DP

CIVIL

LANDSCAPE

ELECTRICAL

Legends:

ACE ARCHITECTURE
220, 524-17th Avenue SW | Calgary AB | T2S 0B2 | 403.613.6336

No.	Description	Date
6	ISSUED FOR CPAG REVIEW	19.05.14
7	ISSUED FOR DEVELOPMENT PERMIT	19.06.07
10	ISSUED FOR DTR	19.09.04
20	ISSUED FOR DEVELOPMENT PERMIT	20.04.02

Seal:

ACE ARCHITECTURE INC.
PERMIT No. AC 14854
ISSUED PURSUANT TO THE
ARCHITECTS ACT OF ALBERTA
Firm License to Practise:

2176526 ALBERTA LTD.
263 EDGELAND ROAD NW
CALGARY, AB T3A 2Z2
Client:

NOLAN HILL CENTRE - LOT 8
318 NOLAN RIDGE CRESCENT NW
CALGARY AB

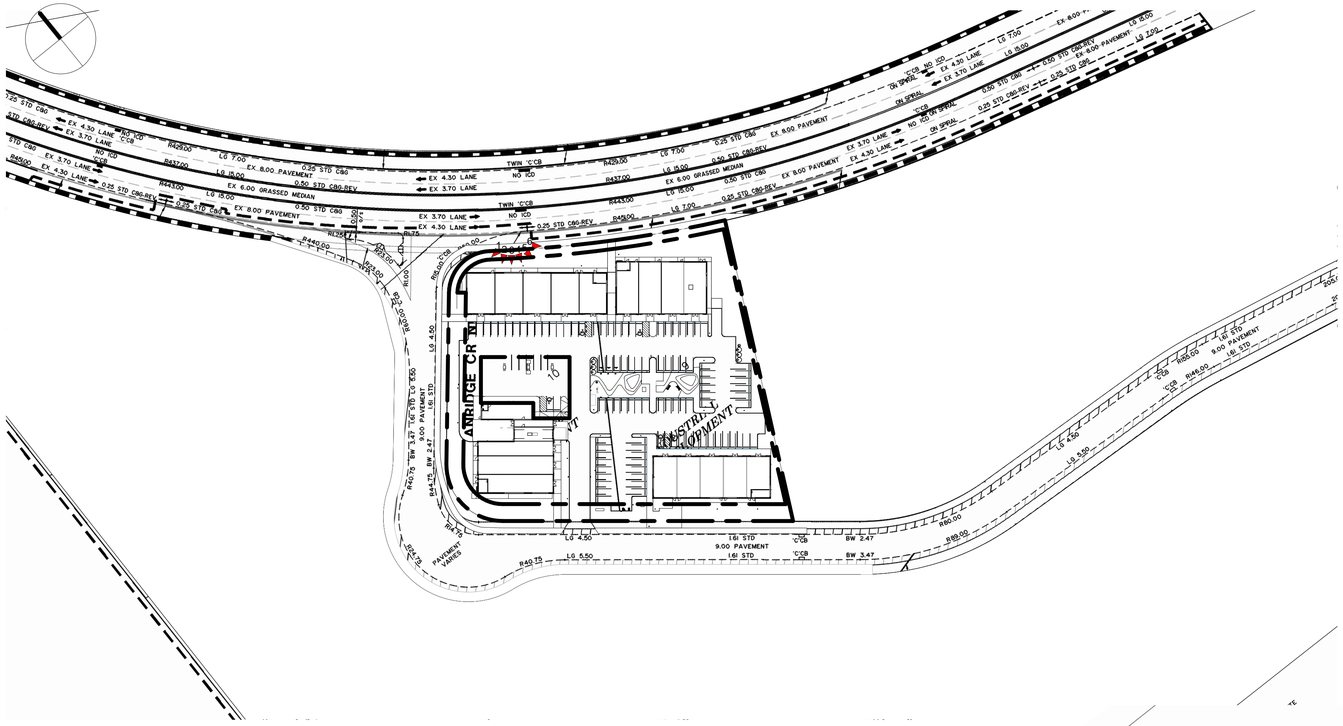
COVER SHEET

Project number: 19-008
Date: 01/04/2020 20:11:22
Drawn by: AS
Checked by: CC

DP-00

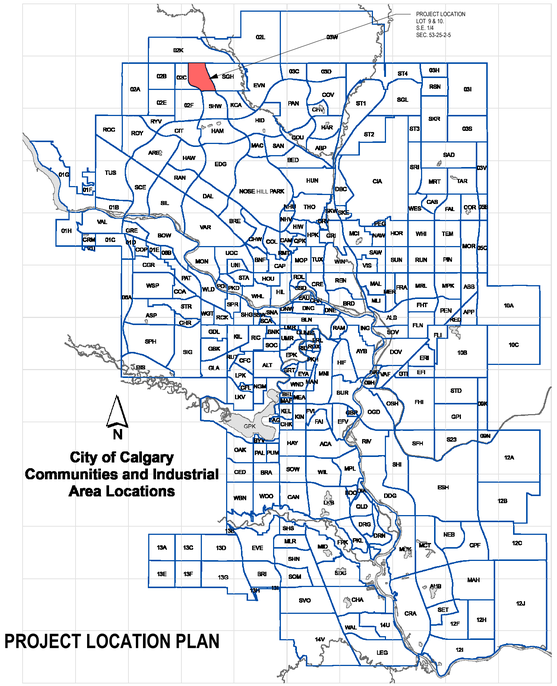
Scale:

BIM 360://Nolan Hill Centre - Lot 6/ACE_19-008_Nolan Hill 9-10_ R19.rvt

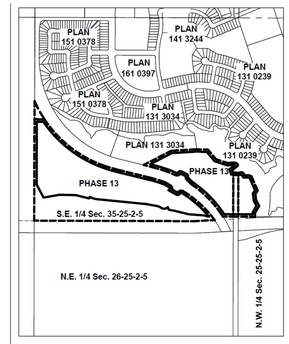


1 DP-01 PHOTO KEY PLAN

SCALE: 1 : 1000



PROJECT LOCATION PLAN



Legends:

ACE ARCHITECTURE

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Copyright:

No.	Description	Date
6	ISSUED FOR CPAG REVIEW	19.05.14
7	ISSUED FOR DEVELOPMENT PERMIT	19.06.07
10	ISSUED FOR DTR	19.09.04
20	ISSUED FOR DEVELOPMENT PERMIT	20.04.02

PHOTO 1

PHOTO 2

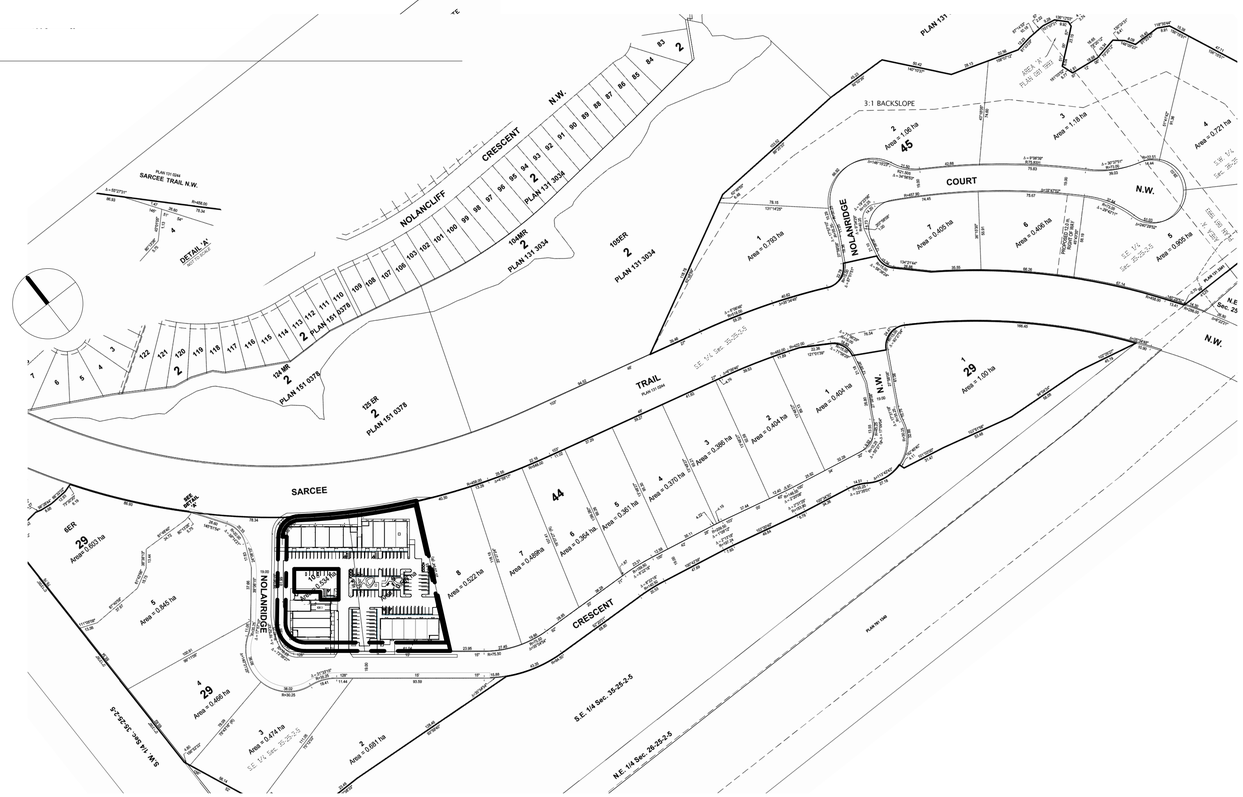
PHOTO 3

PHOTO 4

PHOTO 5

PHOTO 6

SITE IMAGES



2 DP-01 SITE PLAN

SCALE: 1 : 2000

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Seal:

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CALGARY, AB T3A 2Z2

NOLAN HILL CENTRE - LOT 8
318 NOLAN RIDGE CRESCENT NW
CALGARY AB

OVERALL SITE PLAN

Project number: 19-008

Date: 01/04/2020 20:12:01

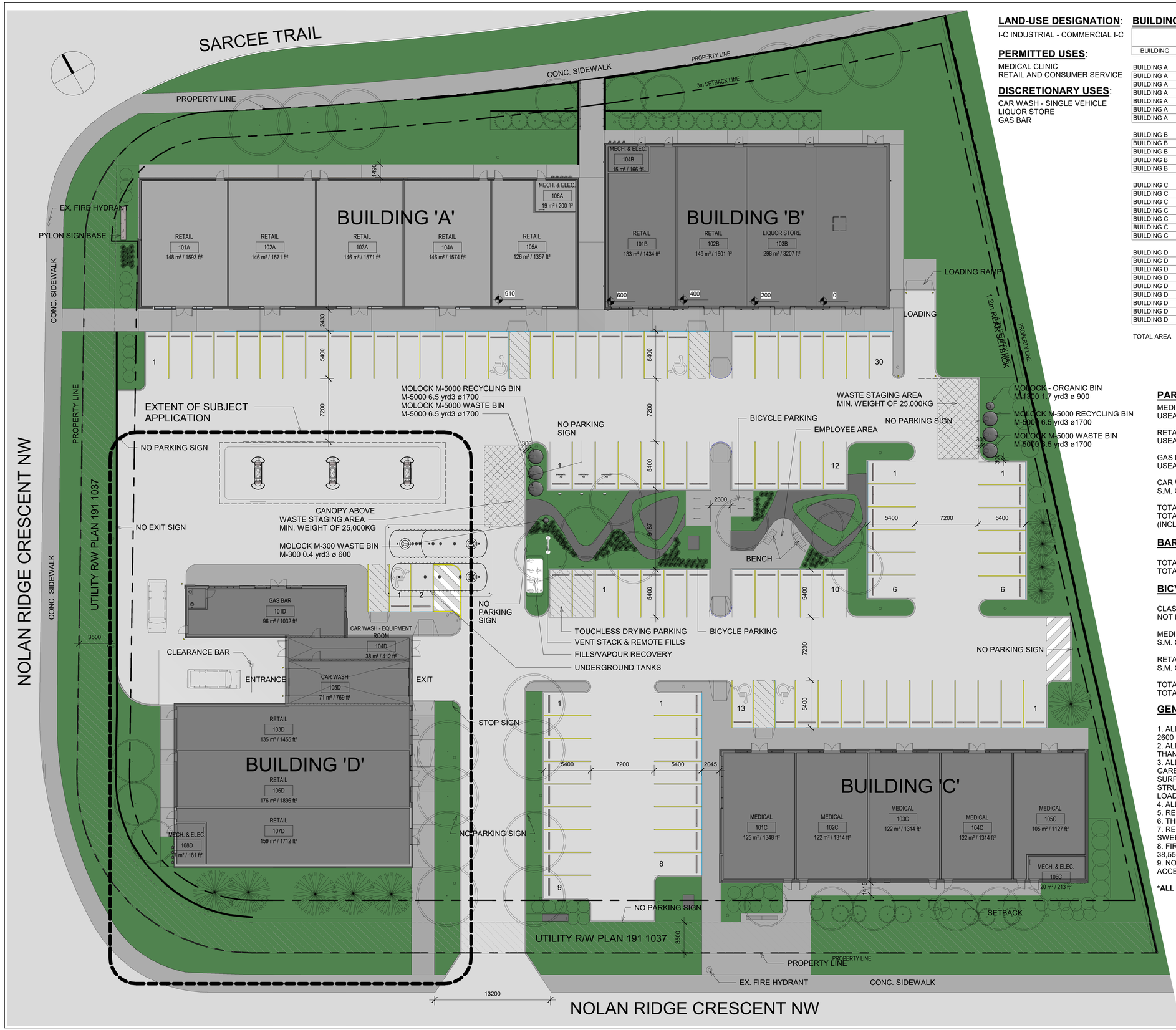
Drawn by: AS

Checked by: CC

DP-01

Scale: As indicated

BIM 360://Nolan Hill Centre - Lot 6/ACE_19-008_Nolan Hill 9-10_ R19.rvt



LAND-USE DESIGNATION:

I-C INDUSTRIAL - COMMERCIAL I-C

PERMITTED USES:

MEDICAL CLINIC
RETAIL AND CONSUMER SERVICE

DISCRETIONARY USES:

CAR WASH - SINGLE VEHICLE
LIQUOR STORE
GAS BAR

BUILDING AREA:

BUILDING AREA

BUILDING	NUMBER	NAME	AREA m²	AREA ft²
BUILDING A				
BUILDING A	101A	RETAIL	148 m²	1593 ft²
BUILDING A	102A	RETAIL	146 m²	1571 ft²
BUILDING A	103A	RETAIL	146 m²	1571 ft²
BUILDING A	104A	RETAIL	146 m²	1574 ft²
BUILDING A	105A	RETAIL	126 m²	1357 ft²
BUILDING A	106A	MECH. & ELEC.	19 m²	200 ft²
			731 m²	7866 ft²
BUILDING B				
BUILDING B	101B	RETAIL	133 m²	1434 ft²
BUILDING B	102B	RETAIL	149 m²	1601 ft²
BUILDING B	103B	LIQUOR STORE	298 m²	3207 ft²
BUILDING B	104B	MECH. & ELEC.	15 m²	166 ft²
			595 m²	6408 ft²
BUILDING C				
BUILDING C	101C	MEDICAL	125 m²	1348 ft²
BUILDING C	102C	MEDICAL	122 m²	1314 ft²
BUILDING C	103C	MEDICAL	122 m²	1314 ft²
BUILDING C	104C	MEDICAL	122 m²	1314 ft²
BUILDING C	105C	MEDICAL	105 m²	1127 ft²
BUILDING C	106C	MECH. & ELEC.	20 m²	213 ft²
			616 m²	6631 ft²
BUILDING D				
BUILDING D	101D	GAS BAR	96 m²	1032 ft²
BUILDING D	102D	W/C	6 m²	62 ft²
BUILDING D	103D	RETAIL	135 m²	1455 ft²
BUILDING D	104D	CAR WASH - EQUIPMENT ROOM	38 m²	412 ft²
BUILDING D	105D	CAR WASH	71 m²	769 ft²
BUILDING D	106D	RETAIL	176 m²	1896 ft²
BUILDING D	107D	RETAIL	159 m²	1712 ft²
BUILDING D	108D	MECH. & ELEC.	17 m²	181 ft²
			699 m²	7520 ft²
TOTAL AREA			2641 m²	28425 ft²

PARKING CALCULATIONS:

MEDICAL - 596 S.M.: 6 STALLS/100S.M. OF GROSS USEABLE AREA = 35.76 STALLS

RETAIL - 1,762 S.M.: 4 STALLS/100S.M. OF GROSS USEABLE AREA = 70.48 STALLS

GAS BAR - 96 S.M.: 2 STALLS/100 S.M. OF GROSS USEABLE AREA = 1.92 STALLS

CAR WASH - SINGLE VEHICLE - 72 S.M.: 2 STALLS/100 S.M. OF GROSS USEABLE AREA = 1.44 STALLS

TOTAL STALLS REQUIRED: 106.6 STALLS
TOTAL STALLS PROVIDED: 96 STALLS
(INCLUDING 5 BARRIER-FREE STALLS)

BARRIER-FREE PARKING (ABC 2.8.2.2.):

TOTAL STALLS REQUIRED: 5 STALLS
TOTAL STALLS PROVIDED: 5 STALLS

BICYCLE PARKING CALCULATIONS:

CLASS 1 BICYCLE PARKING STALLS:
NOT REQUIRED

MEDICAL - 556 S.M.: 1 **CLASS 2** STALLS/250 S.M. OF GROSS USEABLE AREA = 2.22

RETAIL - 1,613 S.M.: 1 **CLASS 2** STALL/250 S.M. OF GROSS USEABLE AREA = 6.45

TOTAL REQUIRED: 9
TOTAL PROVIDED: 9

GENERAL NOTES:

1. ALL STANDARD PARKING STALL DIMENSIONS EQUAL TO 2600 MM WIDE X 5400 MM LONG.
2. ALL PORTIONS OF FIRE ACCESS ROUTE TO BE NO LESS THAN 6M WIDTH.
3. ALL WASTE & RECYCLING CONCRETE SURFACING, FOR GARBAGE BIN PATH OF TRAVEL, TO BE BROOM FINISHED SURFACE. MAXIMUM 2% SLOPE. CONCRETE TO BE STRUCTURALLY CAPABLE OF SUPPORTING A 25,000 KG LOAD.
4. ALL WASTE AND RECYCLING IS TO BE PRIVATE PICKUP
5. REFER TO LANDSCAPE FOR CLASS 2 BIKE RACK DETAILS
6. THERE ARE NO PROPOSED SPEED BUMPS
7. REFER TO TRANSPORTATION DRAWINGS FOR VEHICLE SWEEP PATHS
8. FIRE ACCESS ROUTE IS DESIGNED TO SUPPORT A 38,556kg/85,000 lbs LOAD.
9. NO PARKING SIGNS TO BE PROVIDED ALONG FIRE ACCESS ROUTE, WHERE REQUIRED TO CITY STANDARD.

***ALL BUILDINGS TO BE NON-SPRINKLERED**

1 DP-02 SITE PLAN
SCALE: 1 : 200

SITE STATISTICS:

MUNICIPAL ADDRESS: 318 NOLAN RIDGE CRESCENT, Calgary, AB
LEGAL ADRESS: LOT 8 & 10, S.E. 14 Sec 53-25-5
SITE ZONING: INDUSTRIAL COMMERCIAL DISTRICT I-C
ZONING BYLAW: CALGARY ZONING BYLAW #P2007
FRONT SETBACK: 3M (10'-0")
SIDE SETBACK: 6M (19'-9")
REAR SETBACK: 3M (9'-10")
THE MAXIMUM BUILDING HEIGHT: 12M
PARCEL AREA: 2.7 acres (10,956 m2)
F.A.R.: 0.26

Legends:

ACE ARCHITECTURE
220, 524-17th Avenue SW | Calgary AB | T2S 0B2 | 403.613.6336

No.	Description	Date
6	ISSUED FOR CPAG REVIEW	19.05.14
7	ISSUED FOR DEVELOPMENT PERMIT	19.06.07
9	ISSUED FOR CITY REVIEW	19.08.06
10	ISSUED FOR DTR	19.09.04
15	ISSUED FOR DP - REVISED	20.01.20
20	ISSUED FOR DEVELOPMENT PERMIT	20.04.02

Seal:

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PERMIT No. AC 14854
ISSUED PURSUANT TO THE ARCHITECTS ACT OF ALBERTA

Firm License to Practise:

Client:

2176526 ALBERTA LTD.
263 EDGELAND ROAD NW
CALGARY, AB T3A 2Z2

NOLAN HILL CENTRE - LOT 8
318 NOLAN RIDGE CRESCENT NW
CALGARY AB

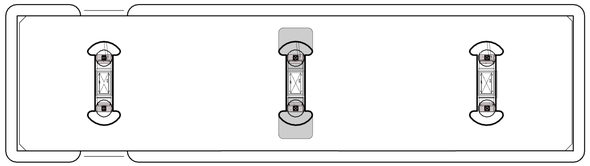
SITE PLAN

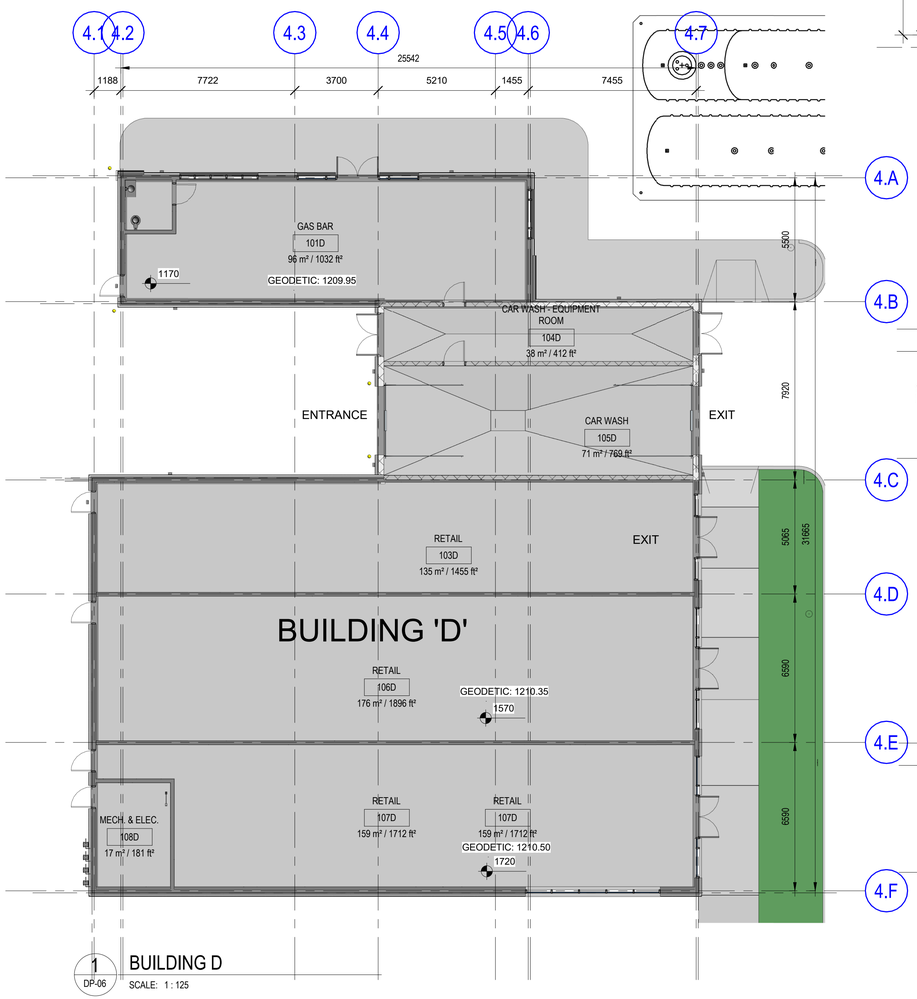
Project number: 19-008
Date: 01/04/2020 20:14:39
Drawn by: AS
Checked by: CC

DP-02

Scale: 1 : 200

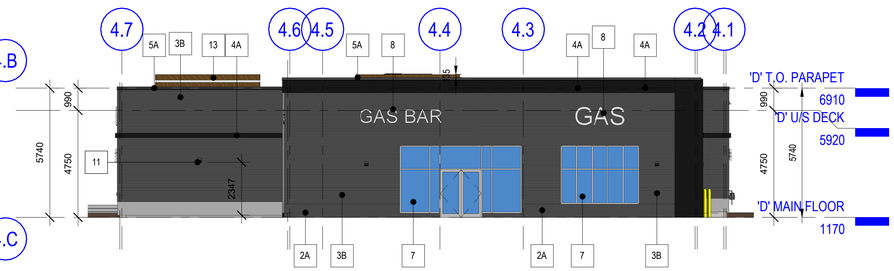
BIM 360://Nolan Hill Centre - Lot 8/ACE_19-008_Nolan Hill 9-10_ R19.rvt



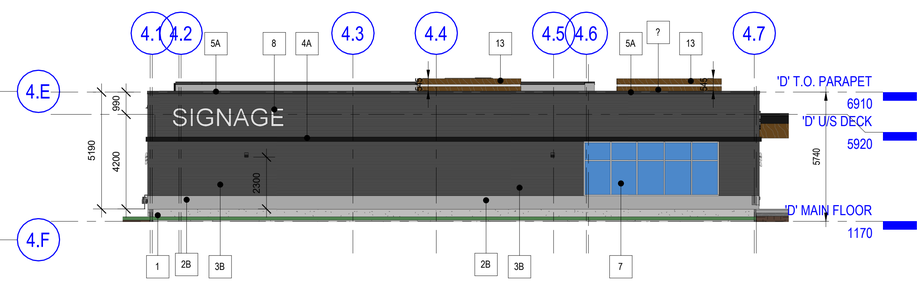


1 DP-06 BUILDING D
SCALE: 1 : 125

2 DP-06 BLDG D EAST ELEV DP
SCALE: 1 : 125



3 DP-06 BLDG D NORTH ELEV DP
SCALE: 1 : 125



4 DP-06 BLDG D SOUTH ELEV DP
SCALE: 1 : 125

5 DP-06 BLDG D WEST ELEV DP
SCALE: 1 : 125

EXTERIOR MATERIAL LEGEND

1 **CONCRETE-FACED INSULATION**

2 **FIBER CEMENT PANEL**
2A - IRON GRAY
2B - NIGHT GRAY

EASY TRIM REVEAL SYSTEM:
VERTICAL: EZ.7, EZ.8 & EZ.10
OUTSIDE: EZ.14
INSIDE CORNER: EZ.3
HORIZONTAL REVEALS: EZ.5

3 **PREFINISHED CORRUGATED METAL SIDING**
3A - AGWAY METALS - REGENT GREY
3B - AGWAY METALS - CHARCOAL

4 **METAL WALL PANEL SYSTEM (LENMAK - STRATACLAD)**
4A - LENMAK - BLACK
4B - LENMAK - WHITE
4C - NATURCLAD ESPRESSO
MAXIMUM PANEL SIZE 1067mm x 2540mm

5 **PREFINISHED METAL FLASHING & TRIM.**
5A - LENMAK - BLACK (ALL PARAPET FLASHING)
5B - LENMAK - REGENT GREY (ALL MATERIAL TRANSITION & SILLS)

6 INSULATED METAL DOOR AND FRAME. REGENT GREY

7 CLEAR STOREFRONT GLAZING WITH CLEAR ANODIZED ALUMINIUM FRAMES

8 SIGNAGE SUPPLIED AND INSTALLED BY TENANT. BASE BUILDING CONTRACTOR TO PROVIDE 16mm PLYWOOD BACKING SUPPORT FOR SIGNAGE

8A DASHED LINE INDICATES EXTEN OF 16mm PLYWOOD BACKING FOR SIGNAGE

9 EMERGENCY OVERLOW SCUPPER. COLOUR TO MATCH SURROUNDING MATERIAL.

10 GAS METER. REFER TO MECHANICAL DRAWINGS.

11 EXTERIOR LIGHTING INSTALLED 2500mm ABOVE FLOOR SLAB - TO CENTRE OF FIXTURE. REFER TO ELECTRICAL DRAWINGS

12 INSULATED OVERHEAD SECTIONAL DOOR AND FRAME. REGENT GREY

13 ROOFTOP SCREEN.NATURCLAD ESPRESSO

14 BOLLARD, 'ULINE' HIGH DENSITY POLYETHELYENE, SMOOTH BOLLARD SLEEVE OR APPROVED EQUAL. YELLOW AS INDICATED ON FLOOR PLAN

15 25mm WIDE REVEAL. REFER TO SECTION DETAILS. TYPICAL

16 BUILDING ADDRESS - WHITE VINYL

Legends:

ACE ARCHITECTURE
220, 524-17th Avenue SW | Calgary AB | T2S 0B2 | 403.613.6336

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7	ISSUED FOR DEVELOPMENT PERMIT	19.06.07
10	ISSUED FOR DTR	19.09.04
15	ISSUED FOR DP - REVISED	20.01.20
20	ISSUED FOR DEVELOPMENT PERMIT	20.04.02

Seal:

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2176526 ALBERTA LTD.
263 EDGELAND ROAD NW
CALGARY, AB T3A 2Z2

Client:

NOLAN HILL CENTRE - LOT 8
318 NOLAN RIDGE CRESCENT NW
CALGARY AB

BUILDING 'D' PLAN & ELEVATIONS

Project number: 19-008

Date: 01/04/2020 20:41:54

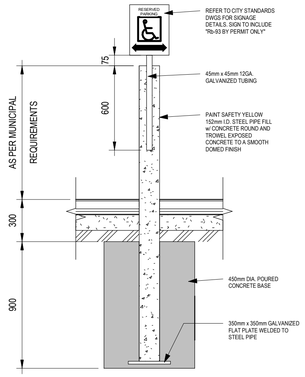
Drawn by: AS

Checked by: CC

DP-06

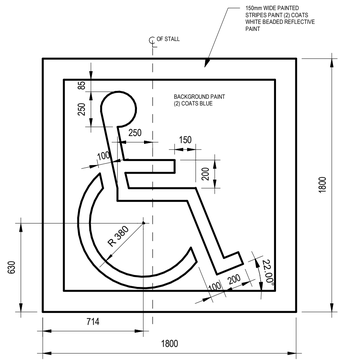
Scale: As indicated

BIM 360://Nolan Hill Centre - Lot 8/ACE_19-008_Nolan Hill 9-10_ R19.rvt



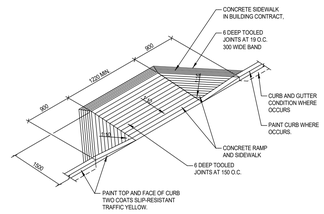
1 DP-07 ACCESSIBLE PARKING SIGN

SCALE: 1 : 20



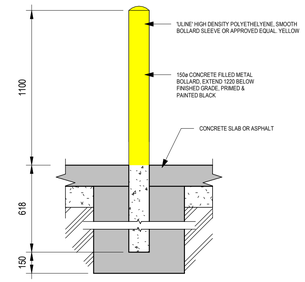
2 DP-07 BARRIER FREE PAINTED PARKING SYMBOL

SCALE: 1 : 20



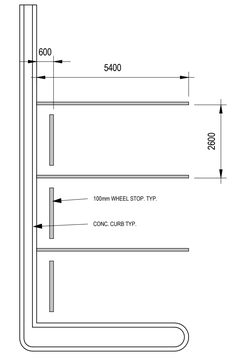
3 DP-07 BARRIER FREE RAMP

SCALE: 1 : 50



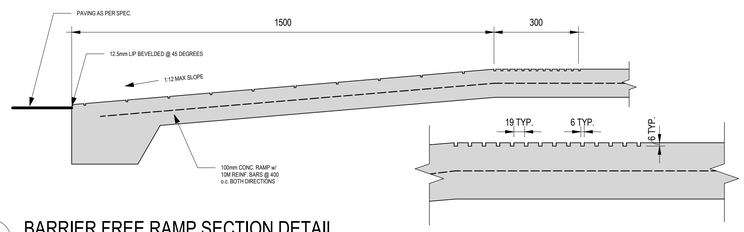
4 DP-07 BOLLARD (TYP.)

SCALE: 1 : 20



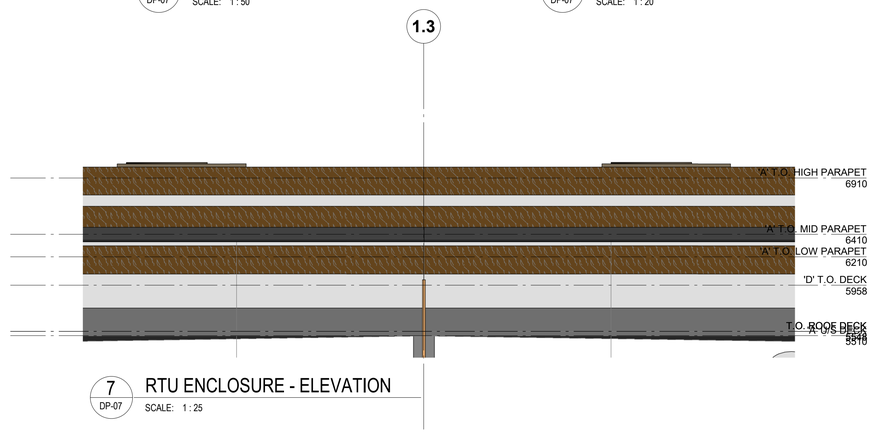
5 DP-07 PARKING STALLS & WHEEL STOP (TYP.)

SCALE: 1 : 100



6 DP-07 BARRIER FREE RAMP SECTION DETAIL

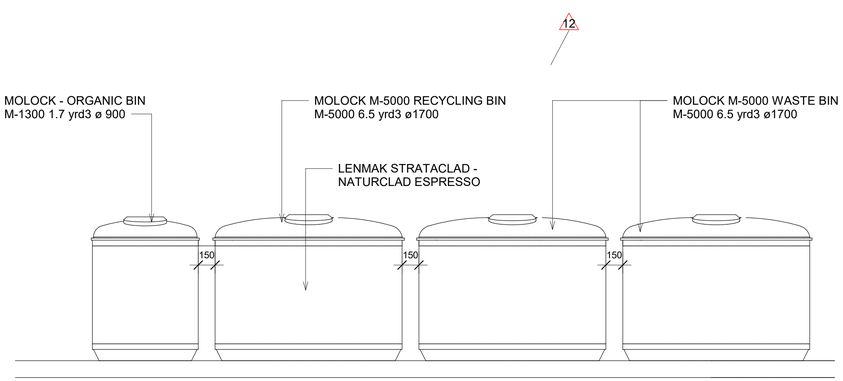
SCALE: 1 : 10



7 DP-07 RTU ENCLOSURE - ELEVATION

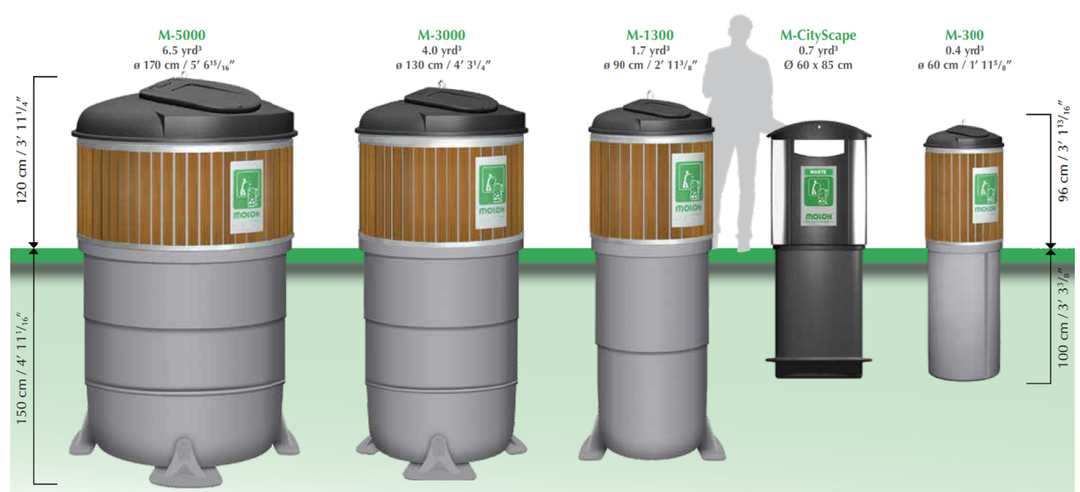
SCALE: 1 : 25

LENMAK WOODGRAIN - RTU ENCLOSURE DESIGN



8 DP-07 MOLOK BINS

SCALE: 1 : 25



Legends:

ACE ARCHITECTURE

220, 524-17th Avenue SW | Calgary AB | T2S 0B2 | 403.613.6336

No.	Description	Date
6	ISSUED FOR CPAG REVIEW	19.05.14
7	ISSUED FOR DEVELOPMENT PERMIT	19.06.07
10	ISSUED FOR DTR	19.09.04
12	WASTE AREA REVISION	19.09.19
20	ISSUED FOR DEVELOPMENT PERMIT	20.04.02

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CALGARY AB

SITE DETAILS

Project number: 19-008

Date: 01/04/2020 20:16:35

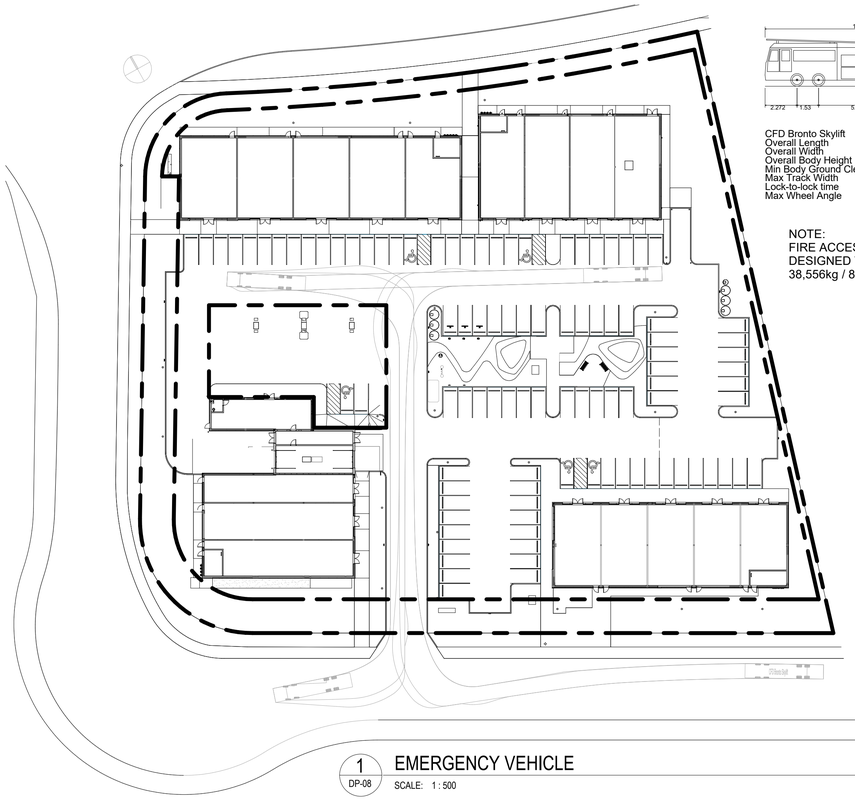
Drawn by: AS

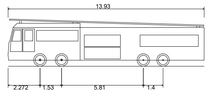
Checked by: CC

DP-07

Scale: As indicated

BIM 360://Nolan Hill Centre - Lot 8/ACE_19-008_Nolan Hill 9-10_R19.rvt

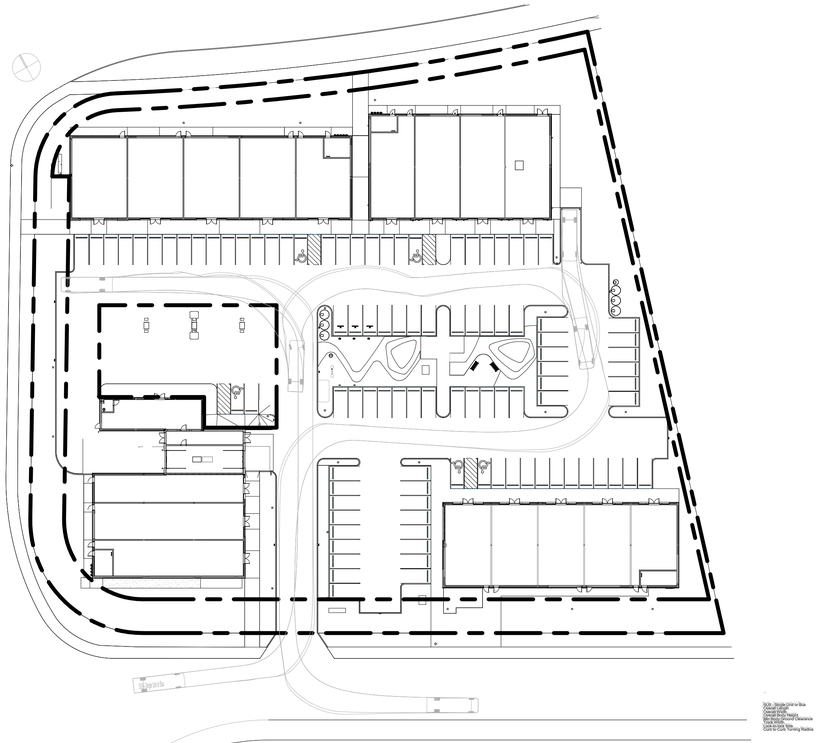




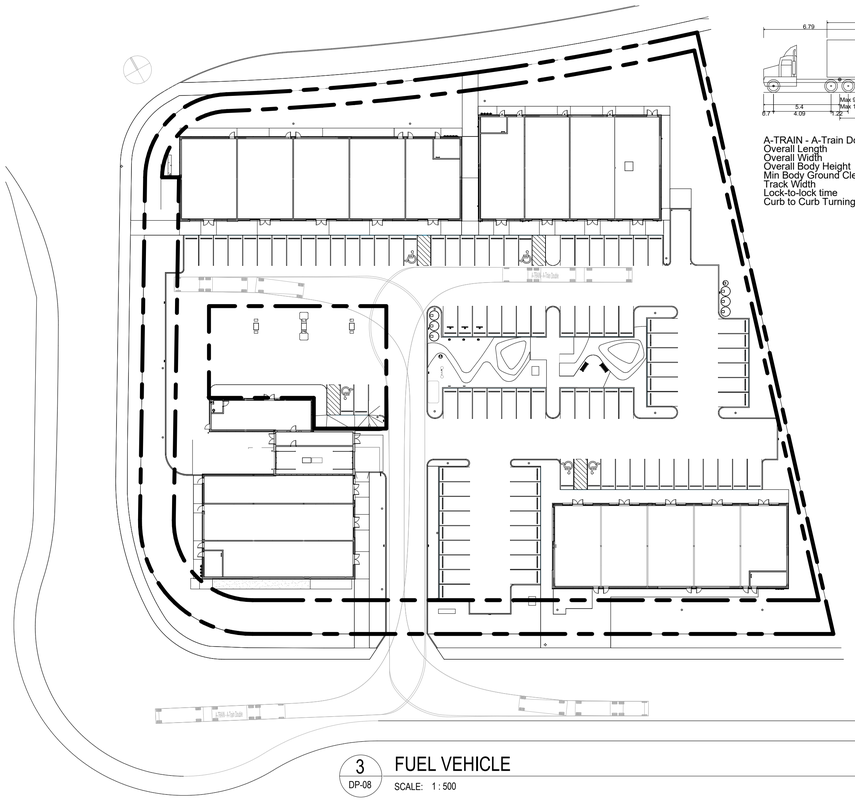
CFD Bronto Skylift	
Overall Length	13.930m
Overall Width	2.540m
Overall Body Height	3.351m
Min Body Ground Clearance	0.428m
Max Track Width	2.570m
Lock-to-lock time	6.00s
Max Wheel Angle	47.50°

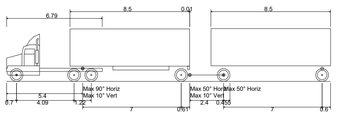
NOTE:
FIRE ACCESS ROUT IS
DESIGNED TO SUPPORT A
38,556kg / 85,000lbs LOAD

1 DP-08 EMERGENCY VEHICLE
SCALE: 1 : 500



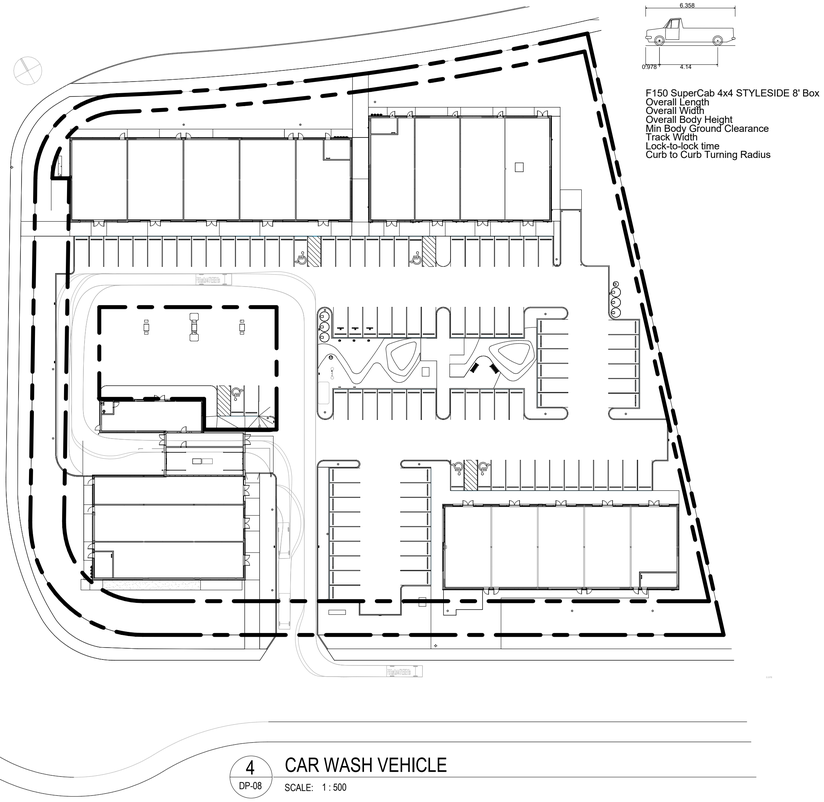
2 DP-08 WASTE / RECYCLING & LOADING VEHICLE
SCALE: 1 : 500





A-TRAIN - A-Train Double	
Overall Length	23.010m
Overall Width	2.600m
Overall Body Height	3.755m
Min Body Ground Clearance	0.435m
Track Width	2.600m
Lock-to-lock time	5.00s
Curb to Curb Turning Radius	11.500m

3 DP-08 FUEL VEHICLE
SCALE: 1 : 500



F150 SuperCab 4x4 STYLESIDE 8' Box	
Overall Length	6.358m
Overall Width	2.004m
Overall Body Height	1.948m
Min Body Ground Clearance	0.254m
Track Width	2.004m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	7.971m

4 DP-08 CAR WASH VEHICLE
SCALE: 1 : 500

Legends:

ACE ARCHITECTURE
220, 524-17th Avenue SW | Calgary AB | T2S 0B2 | 403.613.6336

No.	Description	Date
9	ISSUED FOR CITY REVIEW	19.08.06
20	ISSUED FOR DEVELOPMENT PERMIT	20.04.02

Seal:

ACE ARCHITECTURE INC.
PERMIT No. AC 14854
ISSUED PURSUANT TO THE
ARCHITECTS ACT OF ALBERTA

Firm License to Practise:

2176526 ALBERTA LTD.
263 EDGELAND ROAD NW
CALGARY, AB T3A 2Z2

Client:

NOLAN HILL CENTRE - LOT 8
318 NOLAN RIDGE CRESCENT NW
CALGARY AB

VEHICLE TURNING ANALYSIS

Project number: 19-008

Date: 01/04/2020 20:16:50

Drawn by: AS

Checked by: CC

DP-08

Scale: As indicated

BIM 360://Nolan Hill Centre - Lot 8/ACE_19-008_Nolan Hill 9-10_ R19.rvt

VIEW FROM NORTH WEST CORNER OF SITE LOOKING SOUTH DOWN NOLAN RIDGE CRESCENT

VIEW FROM SOUTH EAST CORNER OF SITE LOOKING NORTH UP SARCEE TRAIL

Legends:

ACE ARCHITECTURE

220, 524-17th Avenue SW | Calgary AB | T2S 0B2 | 403.613.6336

No.	Description	Date
6	ISSUED FOR CPAG REVIEW	19.05.14
7	ISSUED FOR DEVELOPMENT PERMIT	19.06.07
10	ISSUED FOR DTR	19.09.04
20	ISSUED FOR DEVELOPMENT PERMIT	20.04.02

Seal:

ACE ARCHITECTURE INC.
PERMIT No. AC 14854
ISSUED PURSUANT TO THE
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263 EDGELAND ROAD NW
CALGARY, AB T3A 2Z2

Client:

NOLAN HILL CENTRE - LOT 8
318 NOLAN RIDGE CRESCENT NW
CALGARY AB

RENDERINGS

Project number: 19-008

Date: 01/04/2020 20:16:51

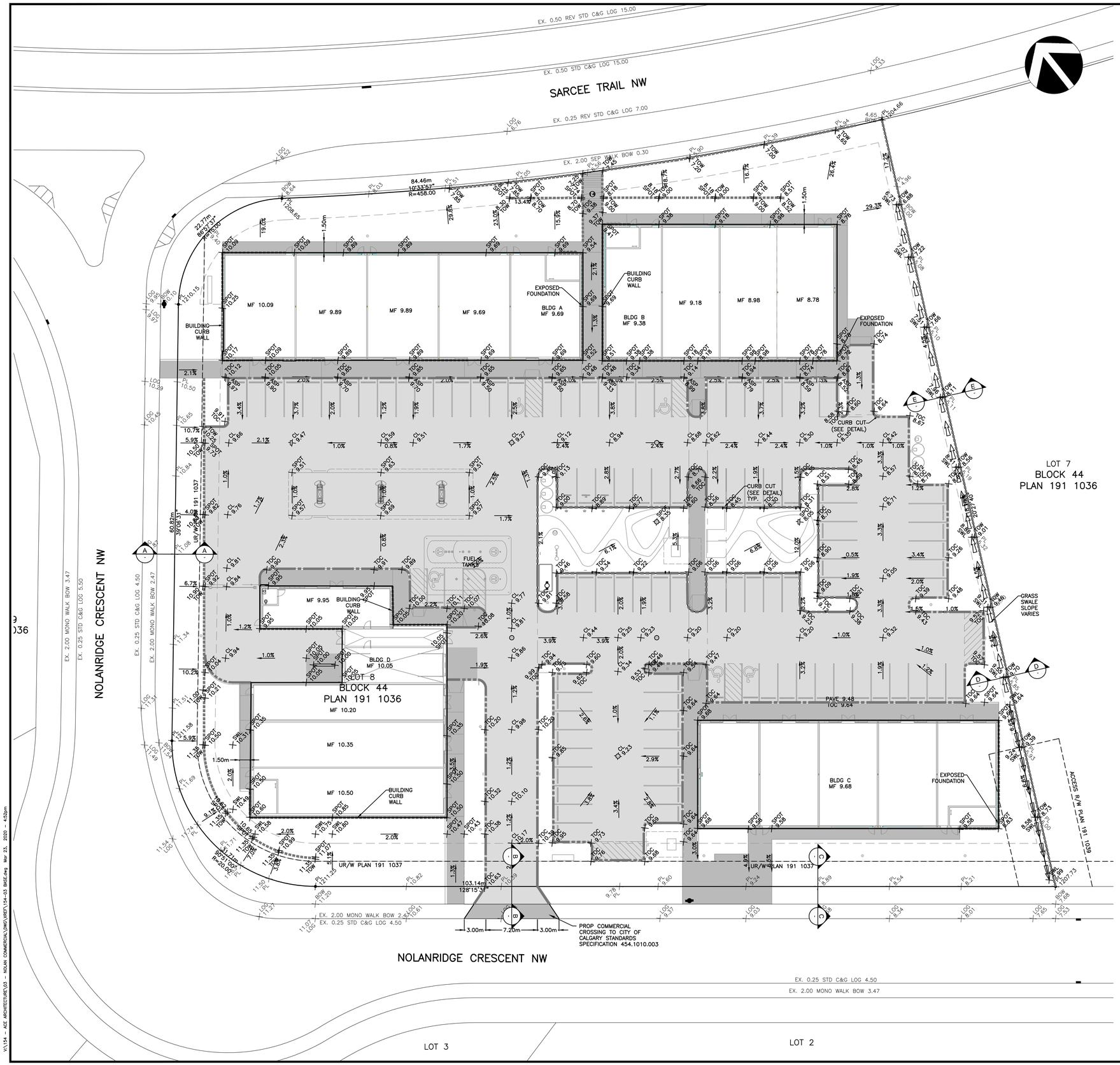
Drawn by: AS

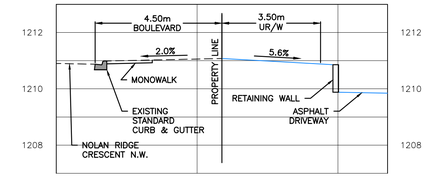
Checked by: CC

DP-09

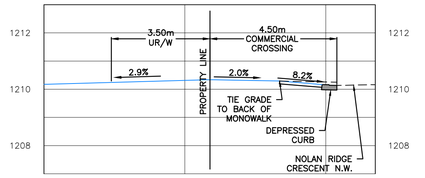
Scale:

BIM 360://Nolan Hill Centre - Lot 8/ACE_19-008_Nolan Hill 9-10_ R19.rvt

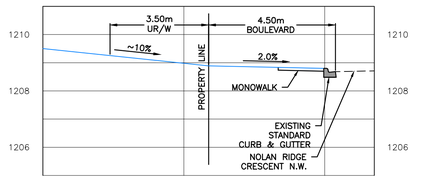




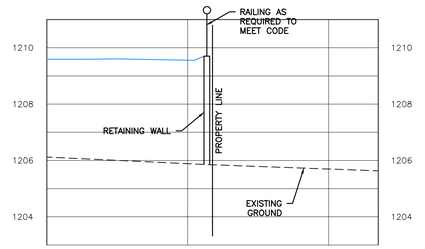
A BOULEVARD SECTION
SCALE 1:100



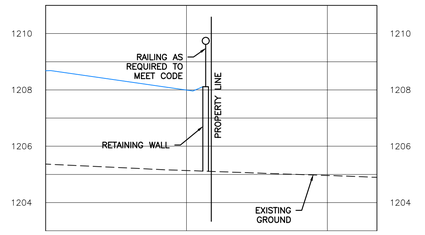
B COMMERCIAL CROSSING
SCALE 1:100



C BOULEVARD SECTION
SCALE 1:100



D PROPERTY LINE SECTION
SCALE 1:100



E PROPERTY LINE SECTION
SCALE 1:100

VERITAS
DEVELOPMENT SOLUTIONS

LEGEND

GRADING FEATURES

- PROPOSED CONCRETE SWALE
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED CB/MANHOLE
- PROPOSED ASPHALT PAVING
- PROPOSED CONCRETE
- PROPOSED RETAINING WALL
- PROPOSED GRASS SWALE
- PROPOSED CHAINLINK FENCE
- PROPOSED POST & CABLE FENCE
- PROPOSED SCREEN FENCE
- PROPOSED FINISHED GRADE
- EXISTING PL GRADE
- PROPOSED THICKENED EDGE
- PROPOSED STANDARD CURB
- PROPOSED CURB WALL
- # OF INTERIOR/EXTERIOR STEPS

REVISIONS

NO.	yy/mm/day	DESCRIPTION	BY	APP'D
1	19/12/16	REVISED AS PER CITY COMMENTS	TVS	TVS
2	20/02/14	REVISIONS AS PER CLIENT CHANGES TO SITE PLAN	TVS	TVS
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

SUBMISSIONS

NO.	DESCRIPTION	DATE (yy/mm/dd)
1	FOR DP	19/06/05
2	FOR APPROVAL	19/11/05
3	FOR ARCHIVE	-

CLIENT

ACE ARCHITECTURE

PROJECT

JOB DESCRIPTION

NOLAN HILL

LOT: 7,8	BLK: 44	PLAN: 191 1036	
DP#: 2019-2934		DSSP: -	
ADDRESS: 318 NOLANRIDGE CR NW			
LEGAL DESCRIPTION: 1/4-35-25-02-05			

TITLE

DEVELOPMENT
SITE GRADING PLAN

SCALE:	1:250	STAMP:
DWN:	MC	
DES:	TVS	
DATE:	DEC 16-19	
CHK:	TVS	
P. ENG:	TVS	

PERMIT:

FEB 14, 2020

PROJECT No.	SHEET	OF
154-03	2	4

DRAWING NAME: 154-03 GRAD

DESTROY ALL PRINTS PRIOR TO: R 2

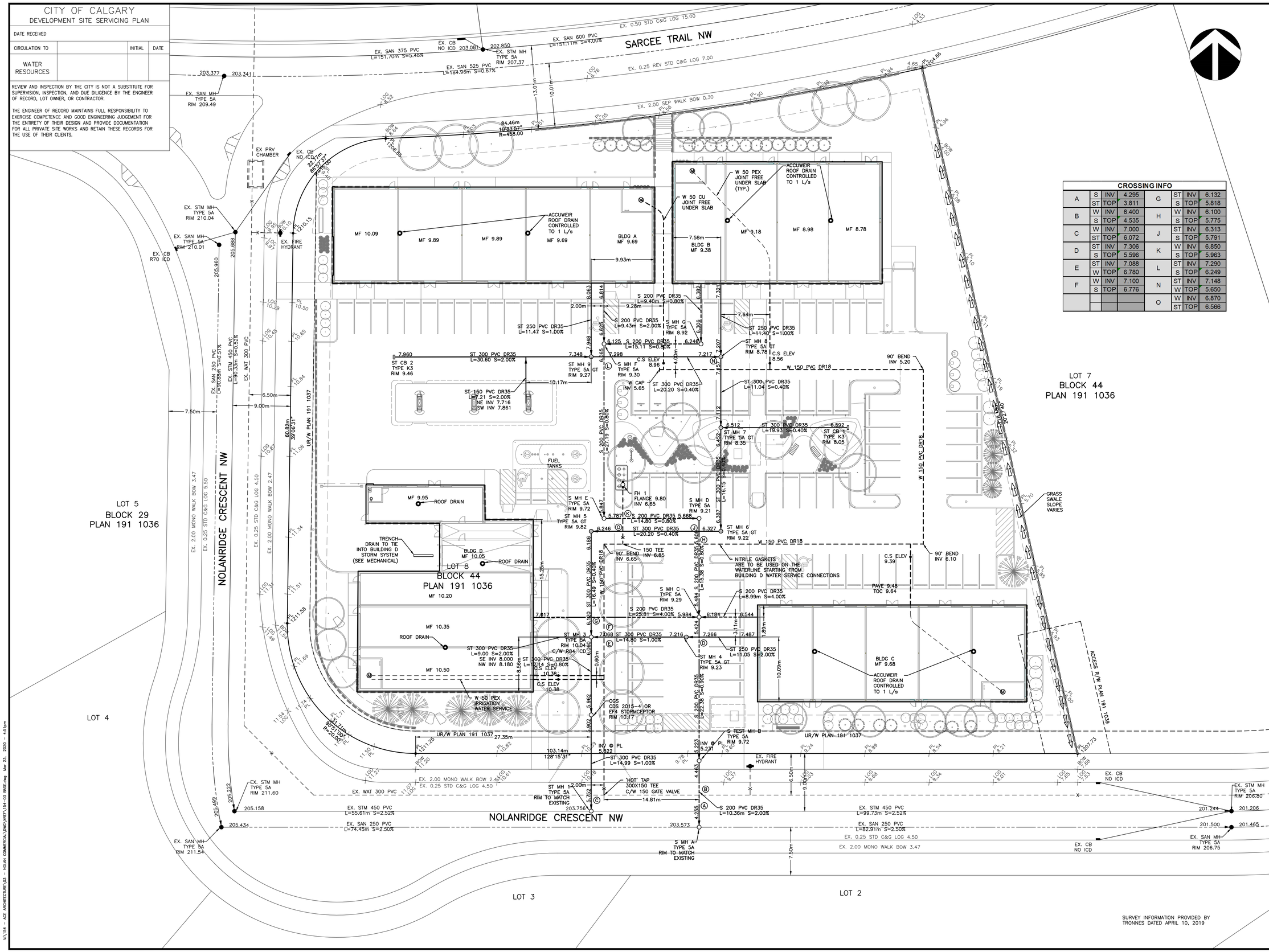
V:\154 - ACE ARCHITECTURE\03 - NOLAN COMMERCIAL\DWG\REF\154-03 BASE.dwg Mar 23, 2020 - 4:52pm

CITY OF CALGARY
DEVELOPMENT SITE SERVICING PLAN

DATE RECEIVED			
CIRCULATION TO		INITIAL	DATE
WATER RESOURCES			

REVIEW AND INSPECTION BY THE CITY IS NOT A SUBSTITUTE FOR SUPERVISION, INSPECTION, AND DUE DILIGENCE BY THE ENGINEER OF RECORD, LOT OWNER, OR CONTRACTOR.

THE ENGINEER OF RECORD MAINTAINS FULL RESPONSIBILITY TO EXERCISE COMPETENCE AND GOOD ENGINEERING JUDGEMENT FOR THE ENTIRETY OF THEIR DESIGN AND PROVIDE DOCUMENTATION FOR ALL PRIVATE SITE WORKS AND RETAIN THESE RECORDS FOR THE USE OF THEIR CLIENTS.



CROSSING INFO							
A	S	INV	4.295	G	ST	INV	6.132
	ST	TOP	3.811		S	TOP	5.818
B	W	INV	6.400	H	W	INV	6.100
	S	TOP	4.535		S	TOP	5.775
C	W	INV	7.000	J	ST	INV	6.313
	ST	TOP	6.072		S	TOP	5.791
D	ST	INV	7.306	K	W	INV	6.850
	S	TOP	5.596		S	TOP	5.963
E	ST	INV	7.088	L	ST	INV	7.290
	W	TOP	6.780		S	TOP	6.249
F	W	INV	7.100	N	ST	INV	7.148
	S	TOP	6.776		W	TOP	5.650
				O	W	INV	6.870
					ST	TOP	6.566

VERITAS
DEVELOPMENT SOLUTIONS

LEGEND

EXISTING UTILITIES

- SANITARY SEWER
- STORM SEWER
- WATER LINE
- FENCE
- TYPE 5A MANHOLE
- TYPE 1S MANHOLE
- CATCH BASIN
- HYDRANT
- WATER VALVE
- U/G ELECTRICAL
- GAS

PROPOSED UTILITIES

- SANITARY SEWER
- STORM SEWER
- WATER LINE
- FENCE
- TYPE 5A MANHOLE
- CATCHBASIN/MANHOLE
- TYPE 1S MANHOLE
- CATCH BASIN
- HYDRANT
- WATER VALVE
- WATER METER LOCATION
- CONCRETE SWALE
- ELECTRICAL METER LOCATION
- GAS METER LOCATION

REVISIONS

NO.	yy/mm/day	DESCRIPTION	BY	APP'D
1	19/12/16	REVISED AS PER CITY COMMENTS	TVS	TVS
2	20/02/14	REVISIONS AS PER CLIENT SITE PLAN CHANGES	TVS	TVS
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

SUBMISSIONS

NO.	DESCRIPTION	DATE (yy/mm/dd)
1	FOR DP	19/06/05
2	FOR APPROVAL	19/11/05
3	FOR ARCHIVE	-

CLIENT

ACE ARCHITECTURE

PROJECT

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LOT: 7,8	BLK: 44	PLAN: 191 1036	
DP#: 2019-2934		DSSP: -	

ADDRESS: 318 NOLANRIDGE CR NW

LEGAL DESCRIPTION: 1/4-35-25-02-05

TITLE

DEVELOPMENT SITE SERVICING PLAN

SCALE:	1:250	STAMP:
DWN:	MC	
DES:	TVS	
DATE:	DEC 16-19	
CHK:	TVS	
P. ENG:	TVS	

PERMIT:

FEB 14, 2020

PROJECT No.	SHEET	OF
154-03	1	4

DRAWING NAME: 154-03 SVC

DESTROY ALL PRINTS PRIOR TO: R 2

V:\154 - ACE ARCHITECTURE\03 - NOLAN COMMERCIAL\DWG\REF\154-03 BASE.dwg Mar 23, 2020 - 4:51pm

SITE FURNITURE

BENCH 1
PRODUCT: PARK BENCHES - SERIES B
SUPPLIER: CPL (CUSTOM PARK & LEISURE Ltd.)

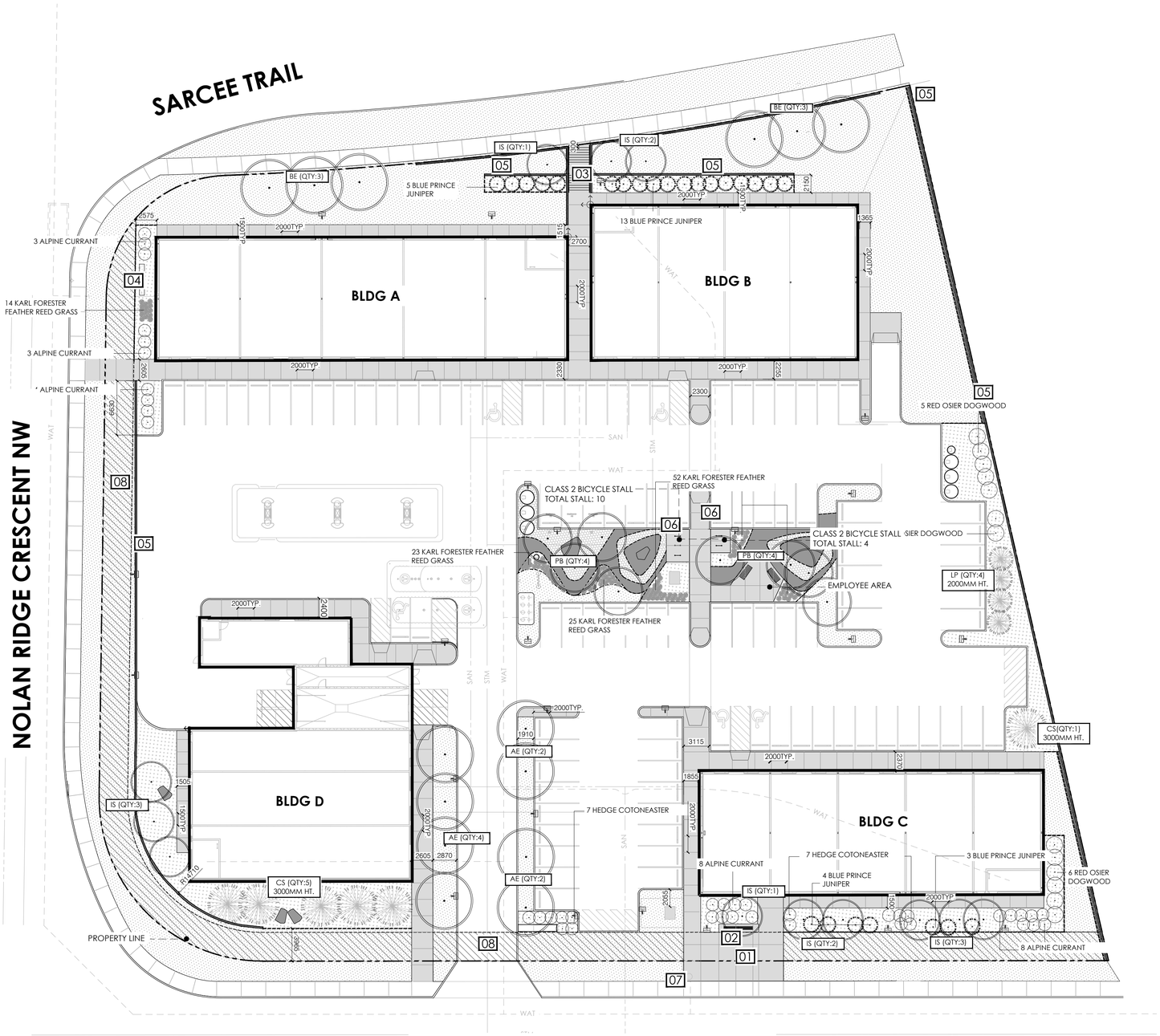
BENCH 2
PRODUCT: PARK BENCHES - SERIES D
SUPPLIER: CPL (CUSTOM PARK & LEISURE Ltd.)

BIKE RACK
PRODUCT: BIKE RACKS - SERIES B
SUPPLIER: CPL (CUSTOM PARK & LEISURE Ltd.)

01. ENTRY PATIO
02. SEATING LEDGE
03. STEPS
04. PYLON SIGN
05. RETAINING WALL (REFER TO CIVIL ENGINEER DRAWINGS FOR DETAILS)
06. BIKE PARKING
07. EXISTING FIRE HYDRANT
08. UTILITY R/W PLAN 191 1037

LEGEND

- REGULAR GREY COLOR CONCRETE
- 80mm CRANBROOK RUSTIC ROCK
- 20MM WASHED ROCK
- PLANTING BED WITH CEDAR MULCH
- SOD
- CRANBROOK RUSTIC BOULDERS IN MIN. DIMENSION: 600MM WIDTH, 1200MM LONG, 800MM HIGH
- DECIDUOUS TREES
- CONIFEROUS TREES
- DECIDUOUS SHRUBS
- CONIFEROUS SHRUBS
- PERENNIALS
- BENCH 1
- BENCH 2
- BIKE RACK (TOTAL STALL: 10)
- LIGHT POLE
- RETAINING WALL
- LANDSCAPE EDGER



NOLAN RIDGE CRESCENT NW

LANDSCAPE ANALYSIS

SITE AREA: 10953.84 SQ.M.

REQUIRED LANDSCAPED AREA = SETBACK AREA = 1577.7 SQ.M.

TOTAL NUMBER OF REQUIRED TREES IN SETBACK = 31.55 ~ 32 TREES
1TREE/50 SQ.M. OF LANDSCAPED AREA
MIN. CONIFEROUS TREES REQUIRED = 7.6 ~ 8
REMAINING TREES TO BE DECIDUOUS
TOTAL NUMBER OF REQUIRED SHRUBS IN SETBACK = 63
2SHRUBS/50 SQ.M. OF LANDSCAPED AREA

TOTAL TREES PROVIDED = 44
DECIDUOUS TREES PROVIDED = 34
DECIDUOUS TREES WITH MIN 75MM CALLIPER REQUIRED = 17
PROVIDED = 18
REMAINING DECIDUOUS TREES TO HAVE MIN. 50MM CALLIPER

CONIFEROUS TREES PROVIDED = 10
CONIFEROUS TREES WITH MIN 3000MM HEIGHT REQUIRED = 5
PROVIDED = 6
REMAINING CONIFEROUS TREES TO HAVE MIN. 2000MM HEIGHT

TOTAL SHRUBS PROVIDED = 78

PLANTING SCHEDULE

	common name	latin name	type	size/ spread	quantity
	deciduous trees				
PB	PAPER BIRCH	BETULA PAPYRIFERA	B&B	50MM CAL.	08
AE	AMERICAN ELM	ULMUS AMERICANA	B&B	50MM CAL.	08
IS	IVORY SILK TREE LILAC	SYRINGA RETICULATE 'IVORY SILK'	B&B	75MM CAL.	12
BE	BRANDON ELM	ULMUS AMERICANA 'BRANDON'	B&B	75MM CAL.	06
	coniferous trees				
CS	COLORADO SPRUCE	PICEA PUNGENS	B&B	3000MM HT.	06
LP	LODGEPOLE PINE	PINUS CONTORTA 'LATIFOLIA'	B&B	2000MM HT.	04

common name	latin name	size/ spread	quantity
deciduous shrubs			
RED OSIER DOGWOOD	CORNUS SERICEA	600MM HT	13
HEDGE COTONEASTER	COTONEASTER ACUTIFOLIA	600MM HT	14
ALPINE CURRANT	RIBES ALPINUM	600MM HT	26
coniferous shrubs			
BLUE PRINCE JUNIPER	JUNIPERUS HORIZANTALIS 'BLUE PRINCE'	600MM SPREAD	25
grasses			
KARL FOERSTER FEATHER REED GRASS	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	#2 POT	114

NOTES

1. THIS DRAWING HAS BEEN PREPARED FOR DEVELOPMENT PERMIT PURPOSES ONLY. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
2. ALL PLANT MATERIAL TO CONFIRM TO THE CANADIAN NURSERY TRADES ASSOCIATION STANDARDS.
3. ALL PLANT MATERIAL SIZES SHOWN ARE MINIMUM SIZES.
4. VERIFY ALL DIMENSIONS, ELEVATIONS, AND DATUM. REPORT ANY ERRORS AND/OR DISCREPANCIES TO THE OWNER PRIOR TO CONSTRUCTION.
5. DO NOT SCALE DRAWINGS.
6. ALL PLANTING BEDS TO HAVE A MINIMUM OF 75MM DEPTH CEDAR MULCH UNLESS OTHERWISE NOTED.
7. ALL SOFT SURFACE LANDSCAPE AREAS TO BE IRRIGATED WITH UNDERGROUND LOW WATER IRRIGATION SYSTEM.
8. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

NAVAGRAH
LANDSCAPE ARCHITECTURE + URBAN DESIGN
1.403.708.8778 | YNAVAGRAH@NAVAGRAH.CA | NAVAGRAH.CA

19132NOHI

NOLAN HILL CENTRE - LOT 8

SEAL

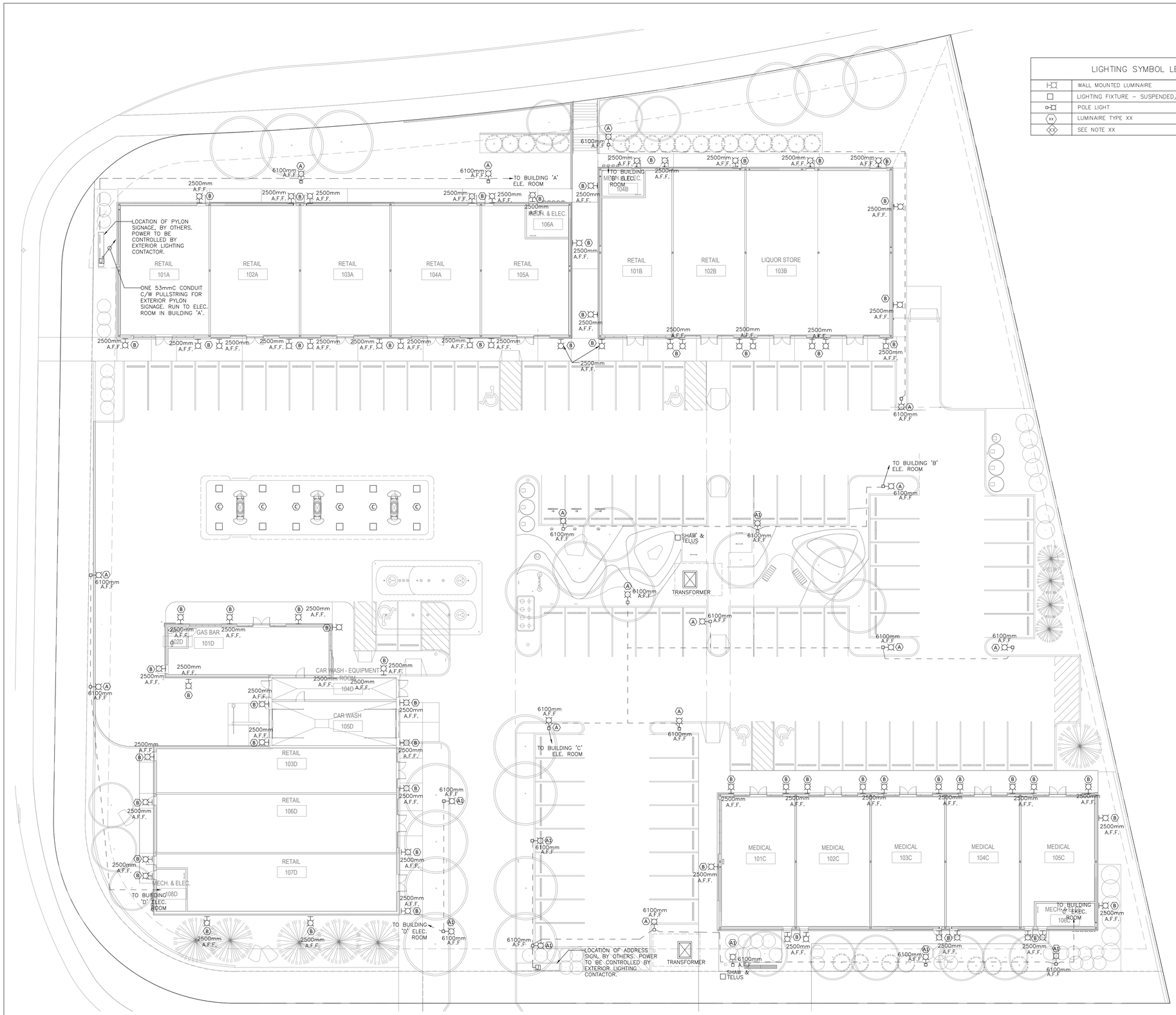
ISSUED FOR	DATE
DP SUBMISSION	200403

NOT FOR CONSTRUCTION

SCALE	1:300
DATE	190527
DRAWN BY	CC
CHECKED BY	YN

DP-L1 LAYOUT PLAN

File Location: Y:\Projects\191132NOHI, Nolan Hill\Current\191132NOHI_Site Landscape Plan_200403.dwg Plotted: April 3, 2020 10:23:02 AM by Chen Chen



1 E0.1 **SITE PLAN - LIGHTING PLAN**

SCALE: 1:200

LIGHTING SYMBOL LEGEND

	WALL MOUNTED LUMINAIRE
	LIGHTING FIXTURE – SUSPENDED/SURFACE
	POLE LIGHT
XX	LUMINAIRE TYPE XX
XX	SEE NOTE XX

NOTE :

DO NOT SCALE THIS DRAWING. THE CONSTRUCTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. ANY ERRORS OR OMISSIONS SHALL BE REPORTED TO APEX WITHOUT DELAY.

CONSULTANT

IFUTURE ENGINEERING
CONSULTANTS LTD
CALGARY, ALBERTA
P: 403-768-4187
Email: office@ifutureeng.com

STAMP P #14707

REV	DATE	DESCRIPTION
4		
3	2020-04-02	ISSUED FOR DP
2	2019-09-23	LIGHTING REVISION
1	2019-09-04	REISSUED FOR DP
0	2019-06-03	ISSUED FOR DP

CLIENT

PROJECT NAME

NOLAN HILL COMMERCIAL

318 NOLAN RIDGE CRESCENT N.W.
CALGARY, ALBERTA

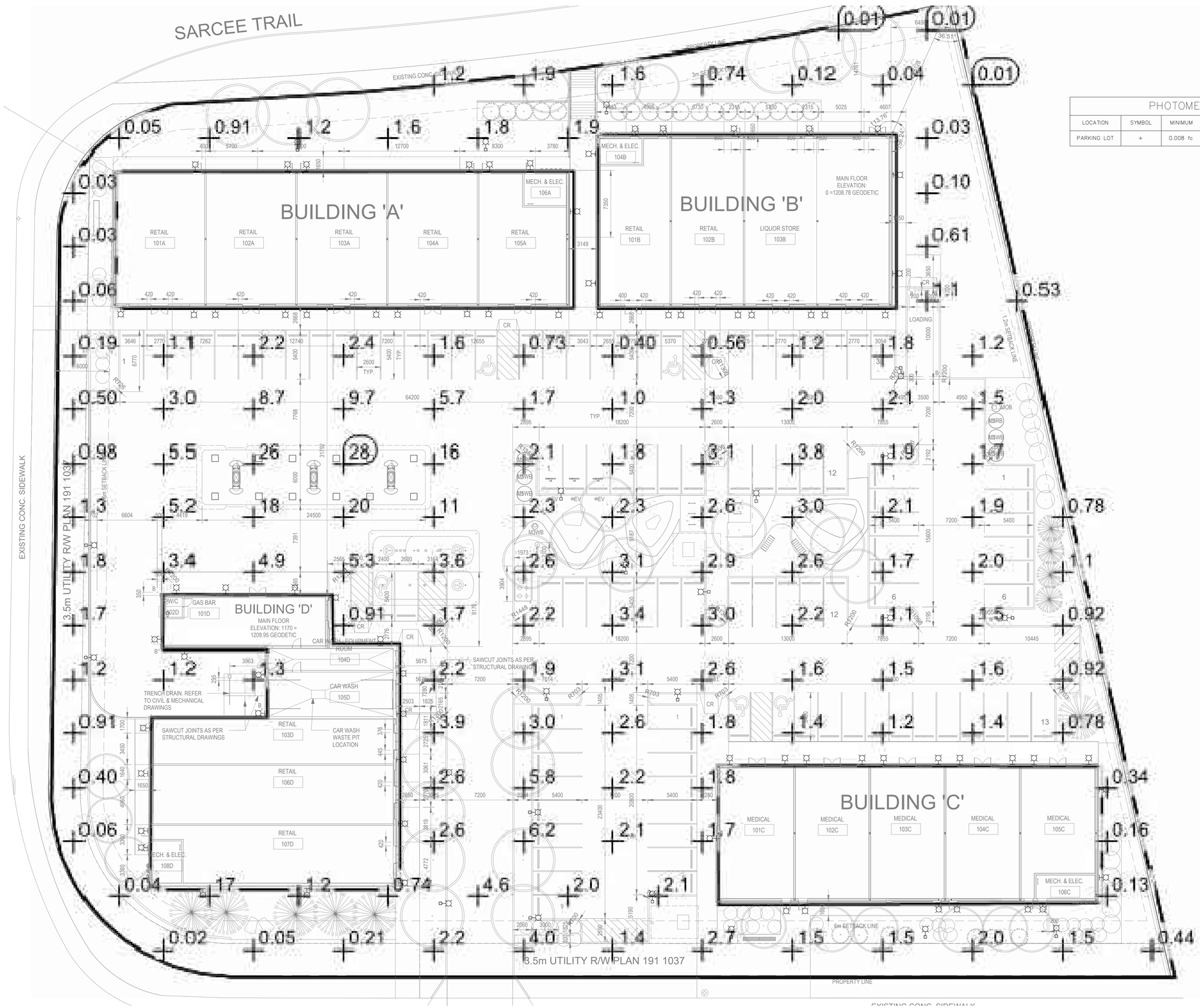
DRAWING TITLE

SITE PLAN - LIGHTING PLAN

PROJECT NO :	2019-013	DATE :	2020-04-02
DRAWN BY :	QZ	CHECKD BY :	SL
SCALE :	AS SHOWN	REVISION NO :	

DRAWING NO

E0.1



1 E0.2 **SITE PLAN - LIGHTING CALCULATION**
SCALE: 1:200

PHOTOMETRIC STATISTIC

LOCATION	SYMBOL	MINIMUM	AVERAGE	MAXIMUM	MAX/MIN	AVG/MIN
PARKING LOT	+	0.008 fc	2.75 fc	27.8 fc	N/A	N/A

NOTE :

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CLIENT

PROJECT NAME

NOLAN HILL COMMERCIAL

318 NOLAN RIDGE CRESCENT N.W.
CALGARY, ALBERTA

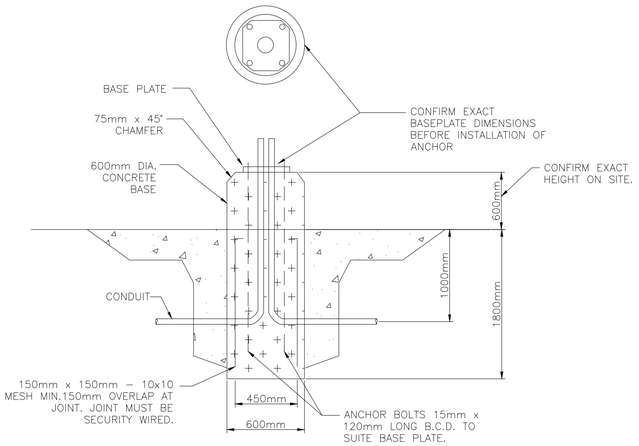
DRAWING TITLE

SITE PLAN - LIGHTING CALCULATION

PROJECT NO :	2019-013	DATE :	2020-04-02
DRAWN BY :	QZ	CHECKD BY :	SL
SCALE :	AS SHOWN	REVISION NO :	

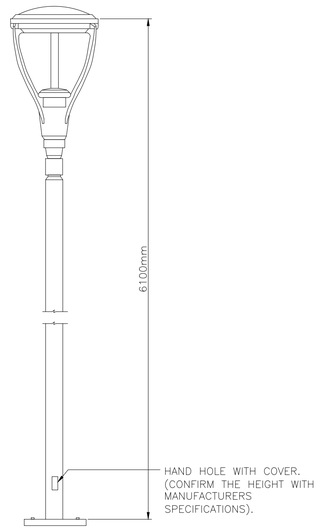
DRAWING NO

E0.2



1 E0.3 **TYP. POLE BASE DETAIL**

SCALE:N.T.S.



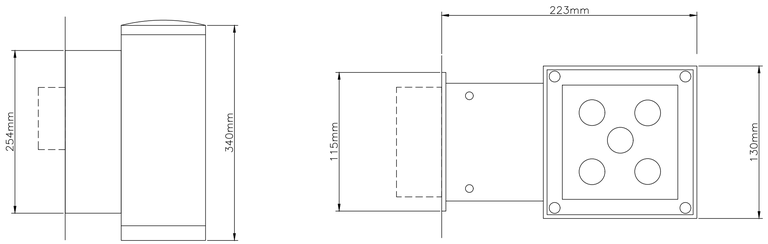
POLE LIGHT DETAIL

GENERAL NOTES:

1. REFER TO THE ARCHITECTURAL DRAWINGS FOR POLE LOCATIONS.
2. CONTRACTOR SHALL DETERMINE ANCHOR BOLT SIZES AND LOCATIONS AND INSTALL ANCHOR BOLTS, CONDUITS, ETC. AS PER THE MANUFACTURERS SPECIFICATIONS AND IN ACCORDANCE WITH CEC 2018.
3. EXTEND CONDUITS INTO TRENCH BASE FOR BRANCH CIRCUITS.
4. EXTENSION OF THE LIGHT POLE FOUNDATIONS SHALL BE CONFIRMED BY ARCHITECT

LUMINAIRE SCHEDULE

TAGS	DESCRIPTION	MANUFACTURER	ITEM NO.	MOUNTING	LOAD/VOLT	LAMP	REMARKS
A	SINGLE HEAD POLE MOUNTED LIGHTING FIXTURE	LITHONIA LIGHTING	MRPLED–42C–700–40K–SR5–MVOLT–DBLXD	POLE MOUNT	MVOLT	100W, 4000K LED	OR APPROVED EQUIVALENT
A1	SINGLE HEAD POLE MOUNTED LIGHTING FIXTURE	LITHONIA LIGHTING	MRPLED–42C–700–40K–SR4–MVOLT–DBLXD	POLE MOUNT	MVOLT	100W, 4000K LED	OR APPROVED EQUIVALENT
B	WALL MOUNTED LIGHTING FIXTURE	SISTEMALUX	S3850N–UNV–14	WALL MOUNTED	120–277	16W, 4000K LED	OR APPROVED EQUIVALENT
C	OUTDOOR CANOPY (BY OTHERS)	–	–	–	–	104W, 4000K LED	PROVIDE BY OTHERS (CANOPY VENDOR)



2 E0.3 **TYP. WALL MOUNTED DETAIL**

SCALE:N.T.S.

NOTE :

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0	2019-06-03	ISSUED FOR DP

CLIENT

PROJECT NAME

NOLAN HILL COMMERCIAL

318 NOLAN RIDGE CRESCENT N.W. CALGARY, ALBERTA

DRAWING TITLE

SITE PLAN - LIGHTING DETAILS & SCHEDULE

PROJECT NO :	2019-013	DATE :	2020-04-02
DRAWN BY :	QZ	CHECKD BY :	SL
SCALE :	N.T.S.	REVISION NO :	

DRAWING NO

E0.3