SURVEY INFORMATION:

SURVEY OF PART OF LOTS 4 & 5, REGISTERED PLAN 65M-2230, CITY OF MARKHAM, REGIONAL MUNICIPALITY OF YORK, AS PREPARED BY SCHAEFFER & DZALDOV O.L.S., DATED JUNE 23 2016.

SURVEY INFORMATION WAS PROVIDED IN GOOD FAITH TO ARCHITECTURAL DESIGN GROUP (ADG) AND ADG TAKES NO RESPONSIBILITIES FOR ERRORS OR OMISSIONS WITH REGARD TO THIS SURVEY.

SITE STATISTICS:

ZONING: M.C.(40%)

LOT AREA: 9 511,48 SM 0,95 ha 2,35 ac

BUILDING STATS:

BASEMENT	2 847,25 SM	30 648 SF
GROUND FLOOR	752,60 SM	8 101 SF
SECOND FLOOR	2 795,75 SM	30 093 SF
TOTAL BUILDING AREA (AT GROUND FLOOR LEVEL)	2 861,59 SM	30 802 SF
TOTAL NET FLOOR AREA	5 587,74 SM	60 146 SF
TOTAL GROSS FLOOR AREA	6 395,60 SM	68 842 SF
TOTAL GROSS FLOOR AREA OF PARKING STRUCTURE	5 476,20 SM	58 945 SF

LOT COVERAGE:

BUILDING	2 861,59 SM	30,09 %
PARKING STRUCTURE	2 109,42 SM	22,18 %
LANDSCAPE	1 799,59 SM	18,92 %
ASPHALT (AT GRADE LEVEL)	2 740,88 SM	28,82 %
SNOW STORAGE	187,16 SM	2,00 %

BUILDING HEIGHT: 14 M (MAX.) 15,23 M
FROM ESTABLISHED AVERAGE GRADE

PARKING:

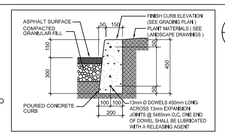
	REQUIRED:	PROVIDED:
MAIN LEVEL (INCL. 10 ACCESSIBLE PARKING)		54
PARKING STRUCTURE AT -1,5m BELOW GRADE		32
PARKING STRUCTURE AT 0,0m LEVEL TO +3,0m LEVEL		58
PARKING STRUCTURE AT +3,0m LEVEL TO +6,0m LEVEL		64
TOTAL	193	208

PARKING SIZE:

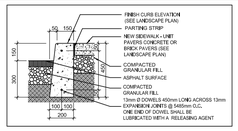
	MIN. REQUIRED:	PROVIDED:
STANDARD	2,75 x 5,8	2,75 x 5,8
ACCESSIBLE SPACE	2,6 x 5,8 WITH 1.5 ACCESS AISLE	
AISLE WIDTH	6,0	6,0
LOADING	1 - 3,90 x 10,0	1 - 3,90 x 10,0

BUILDING SETBACKS:

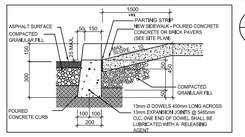
	MIN. REQUIRED:	PROVIDED:
FRONT	12,0	12,0
SIDES	6,0 E=2,5 W=16,45	
REAR	12,0	51,7



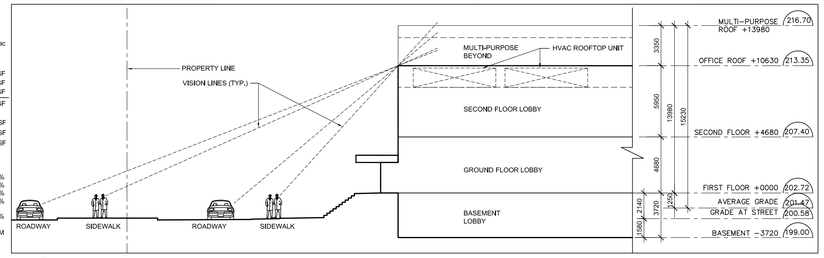
7 A101 CONCRETE CURB DETAIL
Scale: 1:20



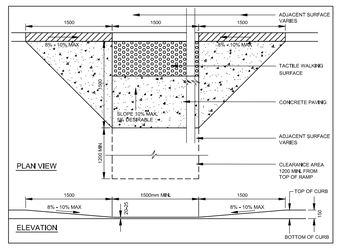
5 A101 CONC. CURB/SIDEWALK DETAIL
Scale: 1:20



4 A101 DEPRESSED CONC. CURB DETAIL
Scale: 1:20



10 A101 SIGHTLINES FROM DENISON STREET
Scale: 1:200



6 A101 DEPRESSED CONC. CURB PLAN VIEW
Scale: N.T.S

FIRE ROUTE SIGNAGE AND INSTALLATION SPECIFICATIONS

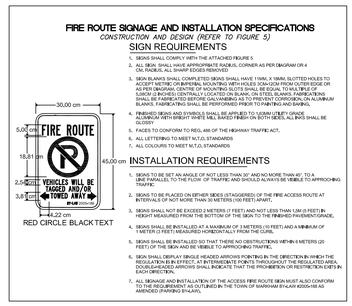
CONSTRUCTION AND DESIGN (REFER TO FIGURE 5)

SIGN REQUIREMENTS

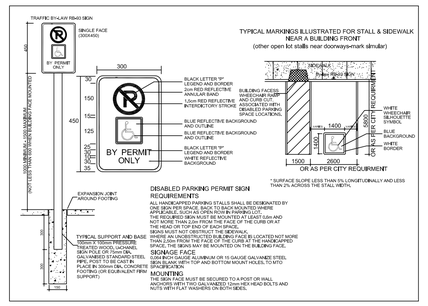
1. SIGNS SHALL COMPLY WITH THE ATTACHED FIGURE 5
2. ALL METAL SHALL HAVE APPROPRIATE RADIUS, CORNER AS PER DIAGRAM OR 4 MM, RADIUS, ALL SHARP EDGES REMOVED.
3. SIGN BLANKS SHALL COMPLETED SIGNS SHALL HAVE 11MM, X 19MM, SLOTTED HOLES TO ACCEPT METRIC OR IMPERIAL MOUNTING WITH HOLES 3CM+/-2CM FROM OUTER EDGE OR AS PER DIAGRAM, CENTRE OF MOUNTING SLOTS SHALL BE EQUAL TO MULTIPLE OF 5,08CM (2 INCHES) CENTRALLY LOCATED ON BLANK, ON STEEL BLANKS, FABRICATION SHALL BE COMPLETED PRIOR TO PAINTING AND SHALL BE FREE OF BURRS AND MINIMUM BLANKS, FABRICATING SHALL BE PERFORMED PRIOR TO PAINTING AND BAKING.
4. FINISHED SIGNS AND SYMBOLS SHALL BE APPLIED TO 1,626MM UTILITY GRADE ALUMINUM WITH BRIGHT WHITE WELL BAKED FINISH ON BOTH SIDES, ALL BKS SHALL BE GLOSSY
5. FACES TO CONFORM TO REG. 466 OF THE HIGHWAY TRAFFIC ACT,
6. ALL LETTERING TO MEET M.T.O.,STANDARDS
7. ALL COLOURS TO MEET M.T.O.,STANDARDS

INSTALLATION REQUIREMENTS

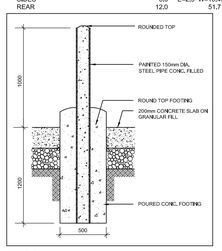
1. SIGNS TO BE SET AN ANGLE OF NOT LESS THAN 30° AND NO MORE THAN 45°, TO A LINE PARALLEL TO THE FLOW OF TRAFFIC AND SHOULD ALWAYS BE VISIBLE TO APPROACHING TRAFFIC.
2. SIGNS TO BE PLACED ON EITHER SIDES (STAGGERED) OF THE FIRE ACCESS ROUTE AT INTERVALS OF NOT MORE THAN 30 METERS (100 FEET) APART.
3. SIGNS SHALL NOT BE EXCEED 2 METERS (7 FEET) AND NOT LESS THAN 1,5M (5 FEET) IN HEIGHT MEASURED FROM THE BOTTOM OF THE SIGN TO THE FINISHED PAVEMENT/GRADE.
4. SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 3 METERS (10 FEET) AND A MINIMUM OF 1 METER (3 FEET) MEASURED HORIZONTALLY FROM THE CURB.
5. SIGNS SHALL BE INSTALLED SO THAT THERE NO OBSTRUCTIONS WITHIN 6 METERS (20 FEET) OF THE SIGN AND BE VISIBLE TO APPROACHING TRAFFIC.
6. SIGN SHALL DISPLAY SINGLE HEADED ARROWS POINTING IN THE DIRECTION IN WHICH THE REGULATION IN IN EFFECT, AT INTERMEDIATE POINTS THROUGHOUT THE REGULATED AREA. DOUBLE HEADED ARROWS SHALL INDICATE THAT THE PROHIBITION OR RESTRICTION EXTENDS IN EACH DIRECTION.
7. ALL SIGNAGE AND INSTALLATION OF THE ACCESS FIRE ROUTE SIGN MUST ALSO CONFORM TO THE REQUIREMENT AS OUTLINED IN THE TOWN OF MARKHAM BY-LAW 2020-99 AS AMENDED (PARKING BY-LAW).



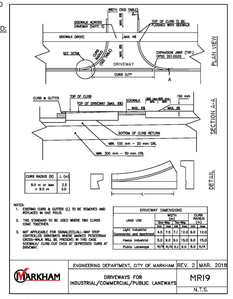
3 A101 FIRE ROUTE SIGN DETAIL
Scale: N.T.S



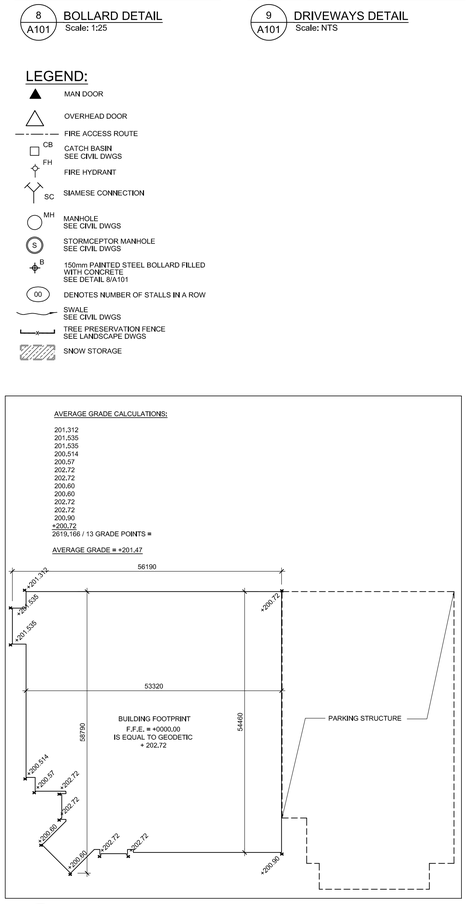
2 A101 'BY PERMIT ONLY' ACCESSIBLE PARKING SIGN DETAILS
Scale: N.T.S



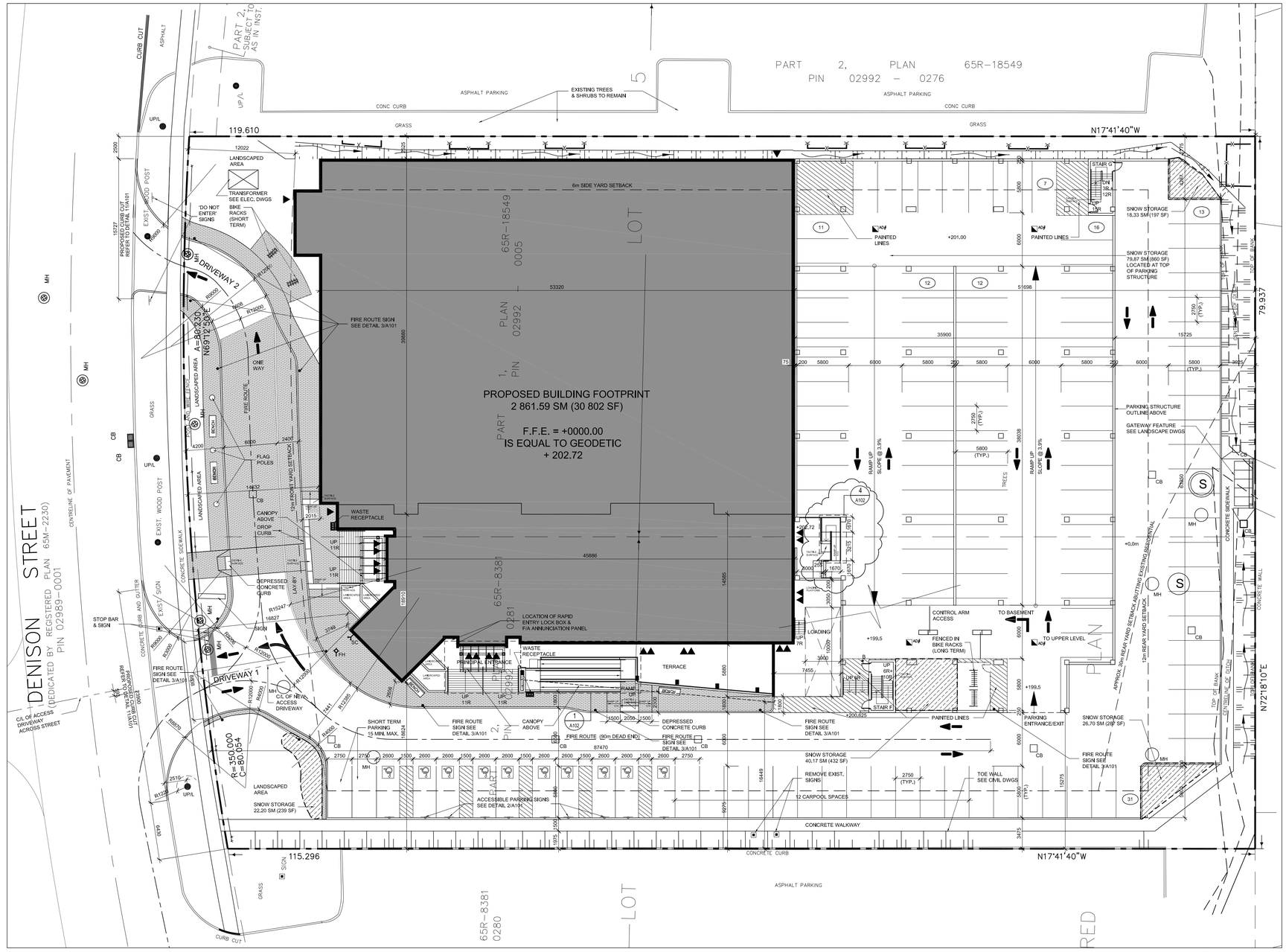
8 A101 BOLLARD DETAIL
Scale: 1:25



9 A101 DRIVEWAYS DETAIL
Scale: NTS



11 A101 AVERAGE GRADE CALCULATION
Scale: 1:500



1 A101 SITE PLAN
Scale: 1:200

RESERVED FOR THE CITY OF MARKHAM

No.	Date	Issued	By:
A	DEC 14 2016	ISSUED FOR SPA	
B	DEC 06 2017	WEST CURB DIM. REDUCED	
		WEST & NORTH RAMP UPDATED	
C	MAY 15 2018	RE-ISSUED FOR SPA	
D	SEPT 14 2018	RE-ISSUED FOR SPA	
E	MAR 15 2019	ISSUED FOR PERMIT	
F	JULY 5 2019	RE-ISSUED FOR PERMIT	

CONSTRUCTION NORTH TRUE NORTH

KEY PLAN
N.T.S.

No.	Date	Revision	By:
3	JUNE 13 2019	REVISE RAMP PLAN/SEC.	
2	OCT 25 2018	REVISED STATS	
1	JUNE 18 2018	REVISIONS AS PER CITY COMMENTS	

Contractor must check and verify all dimensions and conditions on the job, and report any discrepancies to the Architect before proceeding with the work.

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w w w . a d g a r c h i t e c t u r a l . c o m

Client

Project
PROPOSED BUILDING FOR:
MARKHAM MULTICULTURE CENTRE
1443 DENISON STREET
MARKHAM, ONTARIO

Drawing Title
SITE PLAN

Scale	Drawn By	Plot Date
AS SHOWN	AD	
Date: MARCH 2016	Drawing Number: A101	
Project Number: A16-011		