P:\P\60549_001\60549_001-C2.DWG

September 25, 2026 - 11:46:50 AM - Plotted By: Alex Durkin

MATCHLINE - SEE CONTINUATION ON C2.1A

MATCHLINE: SEE CONTINUATION ON C2.1C

NOT PART OF THIS SUBMISSION

PROPOSED 2-STOREY DATA CENTER FFE=212.650

14.0m MTO SETBACK

LANDSCAPED AREA

PROP SWALE @ MIN 1.0% c/w 150mm PERFORATED SUBDRAIN (SEE DETAIL ON C2.3)

CB10.2 T/G=212.15

CB10.1 T/G=212.15

MH10 T/G=212.23

CBMH24.1 T/G=212.15

CBMH24 T/G=212.15

AD2 T/G=212.10

AD3 T/G=212.05

CB23.1 T/G=212.15

CB23.2 T/G=212.15

MH23 T/G=212.33

ASPHALT

FCRD

UTILITY YARD

UTILITY SUBSTATION BY OTHERS. REFER TO ELECTRICAL PLAN

TRANSITION TO 0.15m CURB AS PER OPSD 600.110 (TYP.)

CB22.1 T/G=211.95

0.30m CURB AS PER OPSD 600.110 (TYP.)

TRANSFORMER

GAS METER

MH22 T/G=211.91

CB14.2 T/G=211.10

CB21.1 T/G=211.75

LANDSCAPED AREA

ELECTRICAL ROOM

MECHANICAL ROOM

MH21 T/G=211.95

CB20.3 T/G=211.70

CB20.2 T/G=211.75

CB30.1 T/G=211.40

T/W=212.70 B/W=211.48 H=1.22m

PROPOSED 18.2m LONG RETAINING WALL W/ GUARD RAIL (TO BE DESIGNED BY STRUCTURAL ENGINEER). CONTRACTOR TO PROVIDE SHOP DRAWINGS. MAX HEIGHT=1.22m

PROPOSED 23.83m LONG RETAINING WALL W/ GUARD RAIL (REFER TO STRUCTURAL PLANS). CONTRACTOR TO PROVIDE SHOP DRAWINGS. MAX HEIGHT=0.92m

T/W=212.35 B/W=211.43

T/W=212.10 B/W=211.43

PROPOSED 19.56m LONG RETAINING WALL W/ GUARD RAIL (REFER TO STRUCTURAL PLANS). CONTRACTOR TO PROVIDE SHOP DRAWINGS. MAX HEIGHT=0.67m

CB19.2 T/G=211.65

MH20 T/G=211.81

CB20.1 T/G=211.70

CB19.1 T/G=211.65

MH19 T/G=211.49

CB18.1 T/G=212.10

MH18 T/G=212.44

MH6A T/G=212.28

6.0m WIDE SANITARY SEWER EASEMENT

T/W=212.60 B/W=211.20 H=0.40m

T/W=212.30 B/W=211.70 H=0.60m

PROP BARRIER CURB AS PER OPSD 600.110 (TYP.)

CONSTRUCTION MUD MAT AS PER CITY OF MISSISSAUGA STD NO. 2970.010 (SEE DETAIL)

PROP SILT SACK (TYP.) (SEE DETAIL ON 2.4C)

PROPOSED DOUBLE LAYER SEDIMENT CONTROL FENCE (SEE DETAIL)

PROP. 3.0m WIDE DROP CURB

FIRE DEPT. CONNECTION

CONCRETE SIDEWALK: REFER TO SITE PLAN (TYP.)

PROPOSED POST-INDICATOR VALVE WITH TAMPER SWITCH CONNECTED TO FIRE ALARM PANEL. CONTRACTOR TO PROVIDE BOLLARD FOR PROTECTION

PROP GENERATOR YARD

0.15m CURB AS PER OPSD 600.110 (TYP.)

TRANSITION TO 0.15m CURB

HD ASPHALT

LD ASPHALT

CONCRETE

CSW

MH29 T/G=211.40

MH28 T/G=211.34

MH27 T/G=211.40

DCBMH30 T/G=211.10

CB28.1 T/G=211.10

CB27.1 T/G=211.15

CB26.2 T/G=211.10

CB26.1 T/G=211.25

T/W=211.75 B/W=211.60 H=0.15m

T/W=211.60 B/W=211.12 H =0.48m

PROP 134.6m SWALE @ MIN 0.7%

T/W=211.40 B/W=210.45 H =0.95m

PROP 116.0m CAST IN PLACE RETAINING WALL c/w GUARD RAIL (TO BE DESIGNED BY STRUCTURAL ENGINEER). CONTRACTOR TO PROVIDE SHOP DRAWINGS. MAX HEIGHT = 1.45m

SECTION D-D (SEE DETAIL ON THIS PLAN)

T/W=211.55 B/W=210.10 H =1.45m

T/W=210.80 B/W=209.72 H =1.08m

MH26 T/G=211.06

PROP GUARD HOUSE ISLAND

PROP FLUSH CURB

CONCRETE SIDEWALK: REFER TO SITE PLAN (TYP.)

TRANSITION TO 0.15m CURB

BIKE GATE BY OTHERS

PERMEABLE PAVERS. REFER TO LANDSCAPE PLANS FOR DETAILS.

T/W=209.80 B/W=209.65 H=0.15m

PROPOSED ACCESS1 (MUNICIPAL R.O.W): AREA OF HD ASPHALT = 161.51m² AREA OF SIDEWALK = 0m² TOTAL CURB RETURN LENGTH = 28.06m

PROP SWALE TO MATCH INTO EXISTING SWALE CENTERLINE.

INV=208.54

CURB RETURNS AT DRIVEWAY AS PER C.O.M. STD 2240.031. LENGTH AS SHOWN

CB25.1 T/G=209.40

DETECTOR CHECK VALVE IN CHAMBER

EX. HYDRO POLE TO BE RELOCATED (DESIGN BY OTHERS)

PROP ACCESS PER OPSD 350.010

CONSTRUCTION MUD MAT AS PER CITY OF MISSISSAUGA STD NO. 2970.010 (SEE DETAIL)

0.15m CURB AS PER OPSD 600.110 (TYP.)

PROP 32.2m - 450mm CSP CULVERT TO FACILITATE DRAINAGE UNDER ROADWAY. PROP CULVERT TO MATCH INTO EXISTING SWALE GRADES.

PROPOSED 6m LONG x 3.6m WIDE x 0.3m DEEP RIP RAP PADS

PUT STM MH TO FACILITATE CONNECTION TO MUNICIPAL SEWER.

2.6m-525mm# CSP CULVERT @ 0.50%

PROPOSED 10.5m LONG x 2.0m WIDE x 0.3m DEEP RIP RAP FOR SEWER OUTLETS AS PER OPSD 810.010 (TYPE A)

MH25 (OGS2-EF010) T/G=209.37

HW1 T/G=209.46

HW2 T/G=209.41

HW3 T/G=209.12

MH35 T/G=209.78

CSP RISER T/G=209.78

DRY POND

75-300mm CLEAR STONE GRAVEL JACKET (SEE DETAIL ON C2.4)

INV=208.42

MH32 T/G=212.08

CBMH35 T/G=211.70

CBMH34 T/G=211.70

CBMH33 (OGS3-EF04) T/G=211.70

CB35.1 T/G=211.70

MH7A T/G=212.05

MH8A T/G=212.25

DETECTOR CHECK VALVE IN CHAMBER

PROPOSED 6m LONG x 3.0m WIDE x 0.3m DEEP RIP RAP PADS

PROP SILT SACK (TYP.) (SEE DETAIL ON 2.4C)

PROPOSED 6m LONG x 2.4m WIDE x 0.3m DEEP RIP RAP PADS

TENTH LINE WEST

P.I.N. 1518 - 3554 (LT)

part 4 plan 43r-40573

part 3, expropriation plan ro1111778

part 1 plan 43r-40573

part 4, expropriation plan ro1111778

NOTE:

REFER TO SITEPLAN/LANDSCAPE PLAN FOR ALL SURFACE TYPES AND DETAILS

NOTES TO CONTRACTOR:

1. INSPECTION
CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER & CITY INSPECTION STAFF 48 HRS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION & OFF-SITE WORKS. ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE DIVISION C, PART 1, SECTION 1.2.2. GENERAL REVIEW. FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTORS EXPENSE.
2. CONFIRMATION OF EXISTING INVERTS AND CONDITIONS
MIN 72 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO LOCATE, EXPOSE AND VERIFY INVERTS OF EXISTING SEWER AT CONNECTION POINTS, EXISTING GRADES AT CONSTRUCTION LIMITS AND TIE-IN LOCATIONS AND REPORT FINDINGS TO MTE. SHOULD THE CONTRACTOR PROCEED WITHOUT COMPLETING THESE VERIFICATIONS, EXTRA COSTS RESULTING FROM DELAYS AND STANDBY TIME WILL NOT BE CONSIDERED.

LEGEND OF EXISTING FEATURES

- SITE BOUNDARY
- EASEMENT
- EXISTING SPOT ELEVATIONS/CONTOURS
- EXISTING DIRECTION OF DRAINAGE/SWALE
- EXISTING CURB
- EXISTING FENCE
- EXISTING EMBANKMENT (SLOPE AS NOTED)

LEGEND OF PROPOSED FEATURES

- PROPOSED SPOT ELEVATIONS (+326.00) EX =MAINTAIN EXISTING T/G =TOP OF CASTING/GRATE T/G=326.00 INV =INVERT ELEVATION FFE =FINISHED FLOOR ELEVATION FFE=326.00
- DIRECTION OF DRAINAGE/SWALE 1.0% 1.0%
- DRAINAGE SPLIT (RIDGE)
- EMBANKMENT (SLOPE AS NOTED) (TOP) 3:1 (BOTTOM)
- PROPOSED BUILDING
- OVERHEAD DOOR
- MAN DOOR
- FENCE
- CONCRETE CURB (DROP CURB)
- RETAINING WALL
- OVERLAND FLOW ROUTE (MAJOR STORM)
- FCRD FLOW CONTROL ROOF DRAIN ZURN MODEL Z1054 SINGLE NOTCH OR APPROVED EQUAL
- SEDIMENT CONTROL FENCE (SEE DETAIL ON C2.3)
- SILT SACK (SEE DETAIL ON C2.4)
- CONSTRUCTION ACCESS (SEE DETAIL ON C2.4)
- RIP RAP (SIZE & TYPE AS NOTED)
- LIGHT POLE (SEE SITE PLAN)
- PROPOSED TREE (SEE LANDSCAPE PLAN)

1. CITY OF MISSISSAUGA STANDARD GRADING NOTES

1.1. ALL SURFACE DRAINAGE WILL BE SELF-CONTAINED, COLLECTED & DISCHARGED AT A LOCATION TO BE APPROVED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.

1.2. THE PORTIONS OF THE DRIVEWAY WITHIN THE MUNICIPAL BOULEVARD WILL BE PAVED BY THE APPLICANT.

1.3. AT THE ENTRANCES TO THE SITE, THE MUNICIPAL CURB AND SIDEWALK WILL BE CONTINUOUS THROUGH THE DRIVEWAY AND A CURB DEPRESSION WILL BE PROVIDED FOR EACH ENTRANCE.

1.4. ALL PROPOSED CURBING WITHIN THE MUNICIPAL BOULEVARD AREA FOR THE SITE IS TO SUIT AS FOLLOWS:
1.4.1. FOR ALL SINGLE FAMILY RESIDENTIAL PROPERTIES INCLUDING ON STREET TOWNHOUSES, ALL CURBING IS TO STOP AT PROPERTY LIMIT OR THE BACK OF THE MUNICIPAL SIDEWALK, WHICHEVER IS APPLICABLE; OR
1.4.2. FOR ALL OTHER PROPOSALS INCLUDING INDUSTRIAL, COMMERCIAL AND CONDOMINIUM DEVELOPMENTS, ALL ENTRANCES TO THE SITE ARE TO BE IN ACCORDANCE WITH OPSD 350.010 (SAVE AND ACCEPT DETAIL 'A' WHICH SHALL MATCH CITY OF MISSISSAUGA STANDARD 2240.031). CITY OF MISSISSAUGA STANDARD SHOULD BE FIRST AS THE ACCESS REQUIREMENT.

1.5. ALL EXCESS EXCAVATED MATERIAL WILL BE REMOVED FROM THE SITE.

1.6. THE EXISTING DRAINAGE PATTERN WILL BE MAINTAINED EXCEPT WHERE NOTED.

1.7. THE APPLICANT WILL BE REQUIRED TO CONTACT ALL UTILITY COMPANIES TO OBTAIN ALL REQUIRED LOCATES PRIOR TO THE INSTALLATION OF HOARDING WITHIN THE MUNICIPAL RIGHT-OF-WAY.

1.8. THE APPLICANT WILL BE RESPONSIBLE FOR THE COST OF ANY UTILITY RELOCATIONS NECESSITATED BY THE SITE PLAN.

1.9. PRIOR TO COMMENCING CONSTRUCTION, ALL REQUIRED HOARDING IN ACCORDANCE WITH ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS, MUST BE ERECTED AND THEN MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION.

1.10. SHOULD ANY WORKS BE REQUIRED WITHIN THE MUNICIPAL RIGHT-OF-WAY, A ROAD OCCUPANCY PERMIT WILL BE REQUIRED. PUCC APPROVAL WILL BE REQUIRED. FOR FURTHER INFORMATION, PLEASE CONTAIN THE PUCC/PERMIT TECHNOLOGIST, AT 905-615-4950 OR BY EMAIL AT TW.COUNTERM@MISSISSAUGA.CA OR SEE THE WEBSITE LINK BELOW. HTTPS://WWW.MISSISSAUGA.CA/SERVICES-AND-PROGRAMS/TRANSPORTATION-AND-STREETS/ROADS-AND-SIDEWALKS/APPLY-FOR-A-ROAD-OCCUPANCY-PERMIT/

GRADING CERTIFICATION NOTE:

I HAVE REVIEWED THE PLANS FOR THE CONSTRUCTION OF THE PROPOSED INDUSTRIAL DEVELOPMENTS LOCATED AT 3261 ARGENTIA ROAD, 3265 ARGENTIA ROAD, AND 7700 TENTH LINE WEST IN MISSISSAUGA, ONTARIO AND HAVE PREPARED THESE PLANS TO INDICATE THE COMPATIBILITY OF THE PROPOSAL TO EXISTING ADJACENT PROPERTIES AND MUNICIPAL SERVICES. IT IS MY BELIEF THAT ADHERENCE TO THE PROPOSED GRADES AS SHOWN WILL PRODUCE ADEQUATE SURFACE DRAINAGE AND PROPER FACILITY OF THE MUNICIPAL SERVICES WITHOUT ANY DETRIMENTAL EFFECT TO THE EXISTING DRAINAGE PATTERNS OR ADJACENT PROPERTIES.

CITY OF MISSISSAUGA



KEY PLAN N.T.S.

GEODETIC BENCHMARK ELEV. = 208.076m

ELEVATIONS ARE REFERRED TO THE CITY OF MISSISSAUGA BENCHMARK No. 1045, LOCATED AT THE BASE OF A 750mm# CONCRETE TRAFFIC POLE AT THE SOUTH-WEST CORNER OF ARGENTIA ROAD AND PLAZA ENTRANCE (WALMART), HAVING A PUBLISHED ELEVATION OF 208.076 METRES.

SITE BENCHMARK ELEV. = m

SEE GEODETIC BENCHMARK

NOTE TO CONTRACTOR :

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

No.	REVISION	BY	YYYY-MM-DD
16.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-09-25
15.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-09-10
14.	CONTRACT DOCUMENTS (100%) SUBMISSION	RDZ	2026-08-20
13.	CONTRACT DOCUMENTS (90%) SUBMISSION	RDZ	2026-07-22
12.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-07-06
11.	CONTRACT DOCUMENTS (75%) SUBMISSION	RDZ	2026-06-30
10.	ADDENDUM #01 (EARLY WORKS)	RDZ	2026-06-29
9.	ISSUED FOR ZBA-RESUBMISSION	RDZ	2026-06-16
8.	CONTRACT DOCUMENTS (50%) SUBMISSION	RDZ	2026-05-29
7.	ISSUED FOR BUILDING PERMIT	RDZ	2026-05-12
6.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-03-25
5.	ISSUED FOR SPA RE-SUBMISSION	RDZ	2026-03-04
4.	RE-ISSUED FOR GRADING PERMIT	RDZ	2026-02-06
3.	RE-ISSUED FOR GRADING PERMIT	RDZ	2025-10-28
2.	ISSUED FOR SPA	RDZ	2025-08-08
1.	ISSUED FOR GRADING PERMIT	RDZ	2025-06-30

MTE

Engineers, Scientists, Surveyors

905-639-2552

LICENSED PROFESSIONAL ENGINEER R.D. ZHOU 2026-09-25 PROVINCE OF ONTARIO

NOT FOR CONSTRUCTION

CLIENT

PETROFF PARTNERSHIP ARCHITECTS

10 AVIVA WAY SUITE 400 MARKHAM

PROJECT

PROLOGIS MEADOWVALE DC4/DC5 & DATA CENTRE

3261/3265 ARGENTIA ROAD (DC5/DC4)
7700 TENTH LINE WEST (DATA CENTER) MISSISSAUGA

DRAWING

SITE GRADING PLAN 2

SP 25-063 W9 (DATA CENTER)
SP 25-065 W9 (DC5/DC4)

Project Manager	R.ZHOU	Job No.	60549_001
Design By	NZR	Checked By	RDZ
Drawn By	AXG	Checked By	NZR
Surveyed By	Others	Drawing No.	C2.1B
Date	Jun.11/25		
Scale	1:400	Sheet 2 of 8	