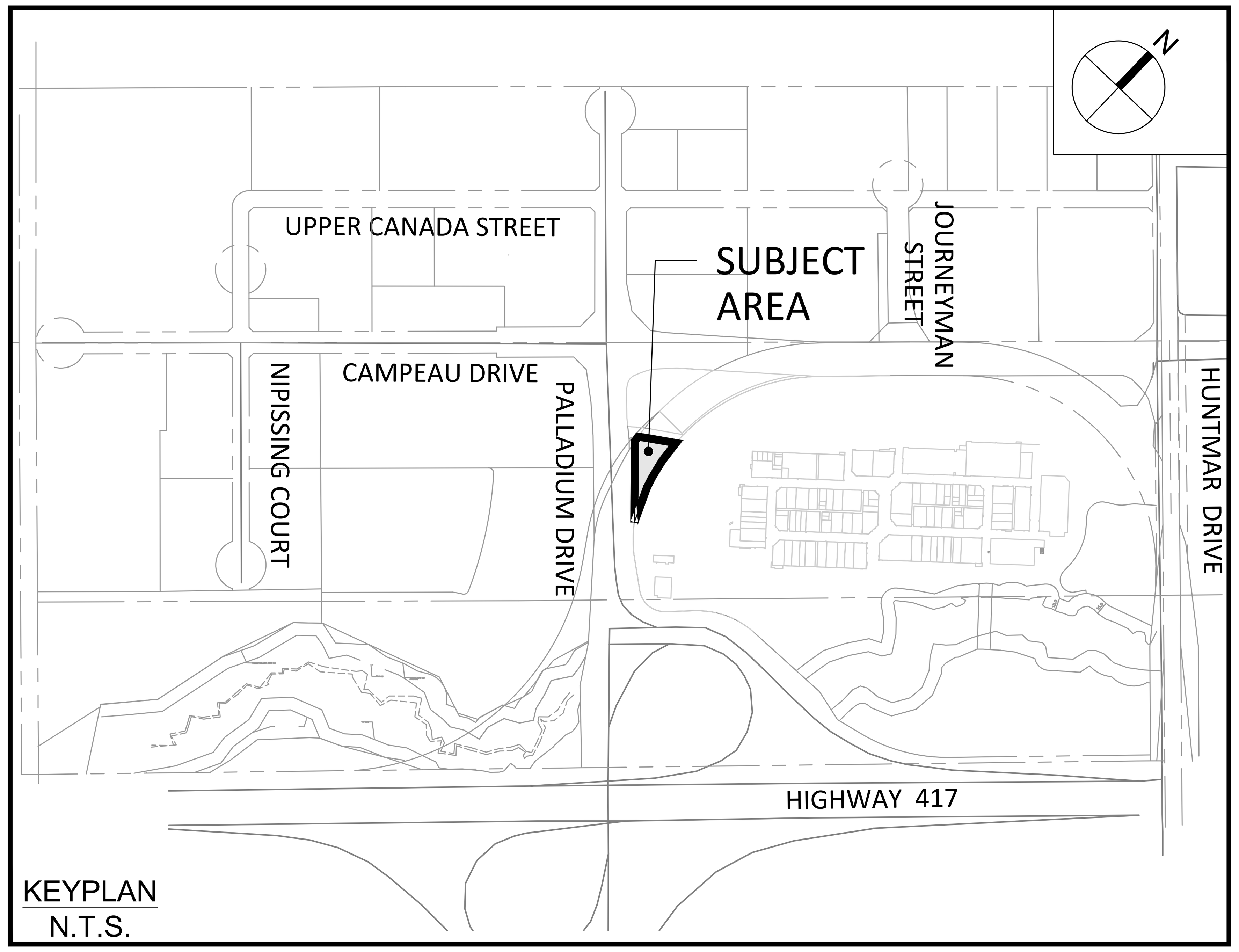
BUILDING 17
CHICK-FIL-A

RIOCAN REIT



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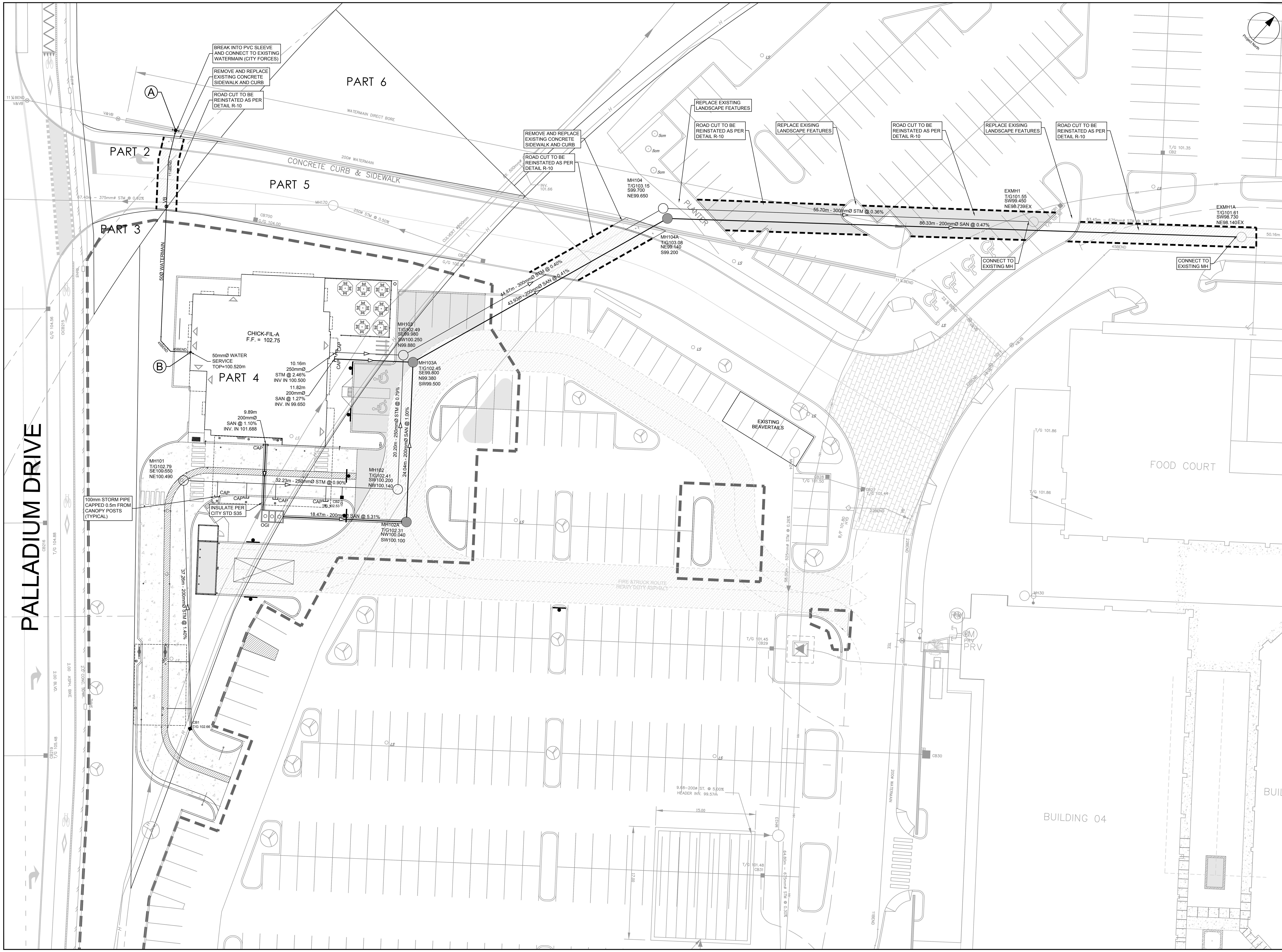
Sheet List Table	
Sheet Number	**Sheet Title**
C-000	Cover
C-001	SITE SERVICING PLAN
C-010	GENERAL NOTES LEGEND AND CB DATA TABLE
C-200	SITE GRADING PLAN
C-500	STORM DRAINAGE AREA PLAN
C-900	EROSION AND SEDIMENTATION CONTROL PLAN

333 HUNTMAR DRIVE
CITY OF OTTAWA

CONTRACT NO. 141991

ISSUED FOR SPA - 2023-03-15
CITY FILE No. D07-####
CITY PLAN No.####



PALLADIUM DRIVE
PART 2
PART 3
PART 4
PART 5
PART 6
BREAK INTO PVC SLEEVE AND CONNECT TO EXISTING WATERMAIN (CITY FORCES)
REMOVE AND REPLACE EXISTING CONCRETE SIDEWALK AND CURB
ROAD CUT TO BE REINSTATED AS PER DETAIL R-10
CONCRETE CURB & SIDEWALK
200ø WATERMAIN
WATERMAIN DIRECT BORE
50ø WATERMAIN
REPLACE EXISTING LANDSCAPE FEATURES
REPLACE EXISING LANDSCAPE FEATURES
PLANTER
MH104 T/G103.15 S99.700 NE99.650
MH104A T/G103.08 NE99.140 S99.200
EXMH1 T/G101.55 SW99.450 NE98.739EX
EXMH1A T/G101.61 SW98.730 NE98.140EX
55.70m - 300mmØ STM @ 0.36%
86.33m - 200mmØ SAN @ 0.47%
CONNECT TO EXISTING MH
44.87m - 300mmØ STM @ 0.40%
43.93m - 200mmØ SAN @ 0.41%
CHICK-FIL-A F.F. = 102.75
50mmØ WATER SERVICE TOP=100.520m
MH103 T/G102.49 SE99.980 SW100.250 N99.880
MH103A T/G102.45 SE99.800 N99.380 SW99.500
10.16m 250mmØ STM @ 2.46% INV IN 100.500
11.82m 200mmØ SAN @ 1.27% INV. IN 99.650
9.89m 200mmØ SAN @ 1.10% INV. IN 101.688
20.20m - 250mmØ STM @ 0.79%
24.04m - 200mmØ SAN @ 1.00%
MH101 T/G102.79 SE100.550 NE100.490
MH102 T/G102.41 SW100.200 NW100.140
MH102A T/G102.31 NW100.040 SW100.100
32.23m - 250mmØ STM @ 0.90%
18.47m - 200mmØ SAN @ 5.31%
100mm STORM PIPE CAPPED 0.5m FROM CANOPY POSTS (TYPICAL)
INSULATE PER CITY STD S35
CAP
OGI
37.26m - 200mmØ STM @ 1.40%
EXISTING BEAVERTAILS
FIRE & TRUCK ROUTE HEAVY DUTY ASPHALT
FOOD COURT
BUILDING 04
PRV
CB1 T/G 102.86

CLIENT

RIOCAN REIT

RIOCAN YONGE EGLINTON CENTER, 2300 YONGE ST, SUITE 500

ISSUES

No.	DESCRIPTION	DATE
1	ISSUED FOR COORDINATION	2023-03-06
2	ISSUED FOR SPA	2023-03-15
3		
4		
5		
6		
7		
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9		
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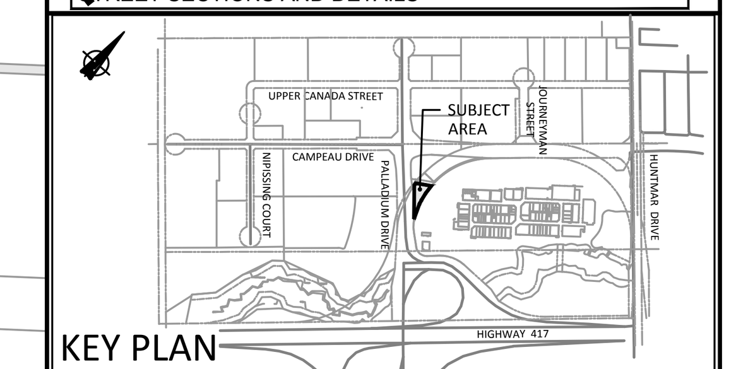
SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS



KEY PLAN
N.T.S.

CONSULTANTS

1:250 0 2.5 7.5 12.5m

SEAL

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PROJECT

BUILDING 17
CHICK-FIL-A

333 HUNTMAR DRIVE

PROJECT NO:
141991

DRAWN BY:	CHECKED BY:
D.P.S. / S.P.G.	**J.I.M.**
PROJECT MGR:	APPROVED BY:
S.E.L.	**S.E.L.**

SHEET TITLE

SITE SERVICING PLAN

SHEET NUMBER
C-001

ISSUE
2

SCALE CHECK 1 in 10mm

CITY FILE No. D07-XX-XX-XXXX

CITY PLAN No. xxxxx

File Location: J:\141991_Chick-Fil-A_\7.0_Production\7.03_Design\04_Civil\Sheets\C-001-SITE SERVICING PLAN.dwg Last Saved: March 15, 2023, by dsiuma Plotted: Wednesday, March 15, 2023 12:22:11 PM by Don Siuma

UTILITY LEGEND

- TRANSFORMER
- TRANSFORMER C/W CONCRETE WINGS
- HYDRO SWITCHGEAR
- HMH — HYDRO MANHOLE
- BELL PEDESTAL
- GLB — BELL GRADE LEVEL BOX (l=600mm, w=1200mm, d=750mm) C/W 1.5 x 3.0m easement
- FC — BELL FIBER CABINET (l=1200mm, w=750mm, d=500mm)
- CSP — BELL CENTRAL SPLITTING POINTS (l=1175mm, w=1200mm, d=500mm)
- ROGERS PEDESTAL
- ROGERS VAULT (l=1000mm, w=1000mm, d=1200mm) C/W 1m x 2m easement
- P30 — STREET LIGHT
- STREET LIGHT DISCONNECT
- STREET LIGHT GROUNDING
- H/B/T/G/S — JOINT UTILITY TRENCH
- H — HYDRO CABLE AND DUCTS
- B — BELL CABLE
- BB — BELL DUCTS
- T — ROGERS CABLE
- TT — ROGERS DUCTS
- G — GAS
- S — STREET LIGHT CABLE
- UTILITY DROP LOCATIONS
- 10-DUCTS 6-H 4-T — CONCRETE ENCASED DUCT BANK C/W NUMBER OF DUCTS
- CMB — COMMUNITY MAILBOX
- PROPOSED TREE LOCATION
- ROOT MANAGEMENT BARRIER

SEDIMENT EROSION LEGEND

- HEAVY DUTY SILT FENCE
- SNOW FENCE
- STRAW BALE CHECK DAM
- STRAW BALE CHECK DAM WITH FILTER CLOTH
- ROCK CHECK DAM
- SEDIMENT SACK PLACED UNDER EXISTING CB COVER
- TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

GRADING LEGEND

- PROPOSED DITCH C/W FLOW DIRECTION AND SLOPE
- SLOPE C/W FLOW DIRECTION
- MAJOR OVERLAND FLOW ROUTE
- 104.62 — PROPOSED SPOT GRADE
- 104.40 — PROPOSED SWALE GRADE
- 104.50 — PROPOSED SWALE HIGH POINT GRADE
- 104.60 / 103.55 — LOT CORNER GRADE C/W EXISTING GRADE
- FULL STATIC PONDING GRADE
- RETAINING WALL C/W TOP OF WALL AND GRASS GRADE
- TERRACING 3:1 MAXIMUM UNLESS NOTED OTHERWISE
- PRESSURE REDUCING VALVE
- F.FL. 96.32 — FINISHED FLOOR ELEVATION
- T.FND. 95.96 — TOP OF FOUNDATION
- U.S.F. 93.36 — ELEVATION UNDERSIDE OF FOOTING ELEVATION
- NUMBER OF RISER FROM GARAGE GRADE
- M.U.S.F. — MINIMUM UNDERSIDE OF FOOTING (Based on the higher of the sewer obverts, or hydraulic grade line)
- M.G.G. — MINIMUM GARAGE GRADE
- WU — WALKUP UNIT
- WO — WALKOUT UNIT
- NS — NON-STANDARD FOUNDATION (Frost cover not provided for standard unit)
- BS — BACKSPLIT UNIT (1.5m frost cover on footings)
- F — NOISE BARRIER LOCATION
- NOISE BARRIER GATE
- RIP-RAP

GENERAL LEGEND

- LIMIT OF CONSTRUCTION
- PHASING LINE
- BARRIER CURB
- MOUNTABLE CURB
- DEPRESSED BARRIER CURB
- CONCRETE SIDEWALK
- TACTILE WALKING SURFACE INDICATOR
- ASPHALT SIDEWALK / PATHWAY
- BUS — BUS STOP CONCRETE / ASPHALT
- LIGHT DUTY ASPHALT
- HEAVY DUTY ASPHALT

SERVICING LEGEND

- MH118A — SANITARY MANHOLE
- 200mmØ SAN — SANITARY SEWER
- MH109 / MH118 — STORM MANHOLE
- 825mmØ STM — STORM SEWER - LESS THAN 900Ø
- 900mmØ STM — STORM SEWER - 900Ø AND GREATER
- 200Ø WATERMAIN — WATERMAIN
- CB100 T/G 104.10 — STREET CATCHBASIN C/W TOP OF GRATE
- CICB101 G/G 104.25 — CURB INLET CATCHBASIN C/W GUTTER GRADE
- DCB100 T/G 104.10 — DOUBLE CATCHBASIN C/W TOP OF GRATE
- DCICB101 G/G 104.25 — DOUBLE CURB INLET CATCHBASIN C/W GUTTER GRADE
- DI101 T/G 103.59 — DITCH INLET MANHOLE C/W TOP OF GRATE
- CBMH101 T/G 103.59 — CATCHBASIN MANHOLE C/W TOP OF GRATE
- RYCB T/G 104.35 — REAR YARD CATCHBASIN IN ROAD CONNECTING STRUCTURE C/W SOLID GRATE
- T/G 104.35 INV 103.35 — REAR YARD "TEE" CATCHBASIN (300Ø) C/W TOP OF GRATE AND INVERT OUT
- T/G 104.50 INV 103.50 — REAR YARD "END" CATCHBASIN (300Ø) C/W TOP OF GRATE AND INVERT OUT
- T/G 104.35 INV 103.35 — REAR YARD "CUSTOM ANGLED " CATCHBASIN (450Ø) C/W TOP OF GRATE AND INVERT OUT
- T/G 104.35 INV 103.35 — REAR YARD "THREE WAY" CATCHBASIN (450Ø) C/W TOP OF GRATE AND INVERT OUT
- PERFORATED REAR YARD SUBDRAIN
- 300mmØ CSP — CSP CULVERT C/W DIAMETER
- V&VB — VALVE AND VALVE BOX
- V&VC — VALVE AND VALVE CHAMBER
- PARK VALVE CHAMBER C/W SERVICE POST
- HYD 104.35 — FIRE HYDRANT C/W BOTTOM OF FLANGE ELEVATION
- 200Ø WM RED 150Ø WM — WATERMAIN REDUCER
- 2 VBENDS — VERTICAL BEND LOCATION
- SIAMESE CONNECTION (IF REQUIRED)
- M — METER (IF REQUIRED)
- RM — REMOTE METER (IF REQUIRED)
- WATERMAIN IDENTIFICATION (IF REQUIRED)
- PIPE CROSSING IDENTIFICATION (IF REQUIRED)
- SINGLE SERVICE LOCATION
- DOUBLE SERVICE LOCATION
- BH 12 102.00 — INFERRED REFUSAL (SEE GEOTECHNICAL REPORT)
- HGL 101.79 — 100 YEAR STORM HYDRAULIC GRADE LINE AT MANHOLE
- USF 101.79 — UNDERSIDE OF FOOTING ELEVATION
- CLAY SEAL IN SEWER / WATERMAIN TRENCH

WATERMAIN SCHEDULE						
	Station	Description	Finished Grade	Top of Watermain	Watermain Cover	As Built Watermain
A	0+000.00`	CONNECT TO EXISTING 200mmØ WITH 50mm%%C TVS	104.50	*101.69*	2.81	
	0+004.70	11 1/4 BEND	104.42	102.02	2.40	
	0+011.57	50V&VB	104.39	101.99	2.40	
	0+020	-	103.41	101.01	2.40	
	0+031.81	45 BEND	103.16	100.76	2.40	
	0+033.95	45 BEND	103.05	100.65	2.40	
B	0+036.98	50mmø SERVICE CONNECTION	102.92	100.52	2.40	

REVISED 2023-03-15

NOTES :

1. ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OPSD/OPSS IF CITY DRAWINGS AND SPECIFICATIONS DO NOT APPLY.
2. THE POSITION OF UNDERGROUND AND ABOVEGROUND SERVICE, UTILITIES AND STRUCUTRES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH SERVICE, UTILITIES AND STRUCTURES IS NOT GUARENTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL REPORT ALL CONFLICTS, DISCOVERIES OF ERROR AND DESCREPENCIES TO THE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER OR NOT SHOW ON THESE DRAWINGS.
5. FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL REPORT PG6571-1 DATED MARCH 5, 2023 PREPARED BY PATERSON GROUP.
6. FOR GEODETIC **BENCHMARK** AND GEOMETRIC LAYOUT OF STREET AND LOTS, REFER TO TOPOGRAPHICAL SURVEY AND PLAN OF SUBDIVISION PREPARED BY STANTEC GEOMATICS LTD. BENCHMARK BASED ON CAN--NET VIRTUAL REFERENCE SYSTEM NETWORK.
7. FOR SITE PLAN INFORMATION, REFER TO SITE PLAN PREPARED BY TURNER FLEISCHER ARCHITECTS INC.
8. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES
9. ROADWAY SECTIONS REQUIRING GRADE RAISE TO PROPOSED SUB GRADE LEVEL TO BE FILLED WITH ACCEPTABLE NATIVE EARTH BORROW OR IMPORTED OPSS SELECTED SUBGRADE MATERIAL IF NATIVE MATERIAL IS DEFICIENT AS PER RECOMMENDATION OF GEOTECHNICAL ENGINEER.
10. IN AREAS WHERE EXISTING GROUND IS BELOW THE PROPOSED ELEVATION OF SEWER AND WATERMAINS, GRADE RAISING AND FILLING IS TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. AS PER CITY GUIDELINES ALL WATERMAINS IN FILL AREAS ARE TO BE TIED WITH RESTRAINING JOINTS AND THRUST BLOCKS.
11. THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO THE COMMENCEMENT OF ANY SITE CONSTRUCTION. ALL EROSION AND SEDIMENT CONTRAL MEASURES SHALL BE INSTALLED TO THE SATISFACTION OF THE ENGINEER, OR ANY REGULATORY AGENCY. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL VEGETATION IS ESTABLISH OR UNTIL THE START OF A SUBSEQUENT PHASE.
12. CONTRACTORS SHALL BE RESPONSIBLE FOR KEEPING CLEAN ALL ROADS WHICH BECOME COVERED IN DUST, DEBRIS AND/OR MUD AS A RESULT OF ITS CONSTRUCTION OPERATIONS.
13. UNLESS SPECIFICALLY NOTED OTHERWISE, PIPE MATERIALS SHALL BE AS FOLLOWS;
    -WATERMAINS TO BE PVC DR18
    -SANITARY SEWER TO BE PVC DR35
    -PERFORATED STORM SEWERS IN REAR YARDS AND LANDSCAPE AREAS TO BE HDPE
    -STORM SEWERS 375MM DIAMETER AND LESS TO BE PVC DR35
    -STORM SEWERS 450MM DIAMETER AND GREATER TO BE CONCRETE CLASS 65-D
14. ALL CONNECTIONS TO EXISTING WATERMAINS ARE TO BE COMPLETED BY CITY FORCES. CONTRACTOR IS TO EXCAVATE, BACKFILL, COMPACT AND REINSTATE.
15. ANY WATERMAIN WITH LESS THAN 2.4M, AND ANY SEWER WITH LESS THAN 2.0M DEPTH OF COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR AS APPROVED BY THE ENGINEER.
16. ALL STUBBED SEWERS SHALL HAVE PRE-MANUFACTURED CAPS INSTALLED.
17. ALL LEADS FOR STREET CATCHBASIN'S AND CURB INLET CATCHBASIN'S CONNECTED TO MAIN SHALL BE 200MMØ PVC DR35 @ MIN 2% SLOPE UNLESS NOTED OTHERWISE. ALL LEADS FOR RYCB'S CONNECTED TO MAIN SHALL BE 200MMØ PVC DR35 @ MIN 1% SLOPE UNLESS NOTED OTHERWISE.
18. INLET CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMPLETING THE ROAD BASE (GRANULAR A).
19. EACH BUILDING SHALL BE EQUIPPED WITH A SANITARY AND STORM SEWER BACKWATER VALVE AND CLEAN-OUT ON ITS PRIMARY SERVICE, AS PER ONTARIO BUILDING CODE REQUIREMENTS (BY OTHERS).

PAVEMENT STRUCTURE:

LIGHT DUTY:

40mm - SUPERPAVE 12.5-FC2 ASPHALTIC CONCRETE
150mm - OPSS GRANULAR "A" CRUSHED STONE
400mm - OPSS GRANULAR "B" TYPE II CRUSHED STONE

SUBGRADE - EITHER FILL, INSITU SILTY CLAY OR SAND/CRUSHED STONE MATERIAL PLACED OVER IN SITU SOIL

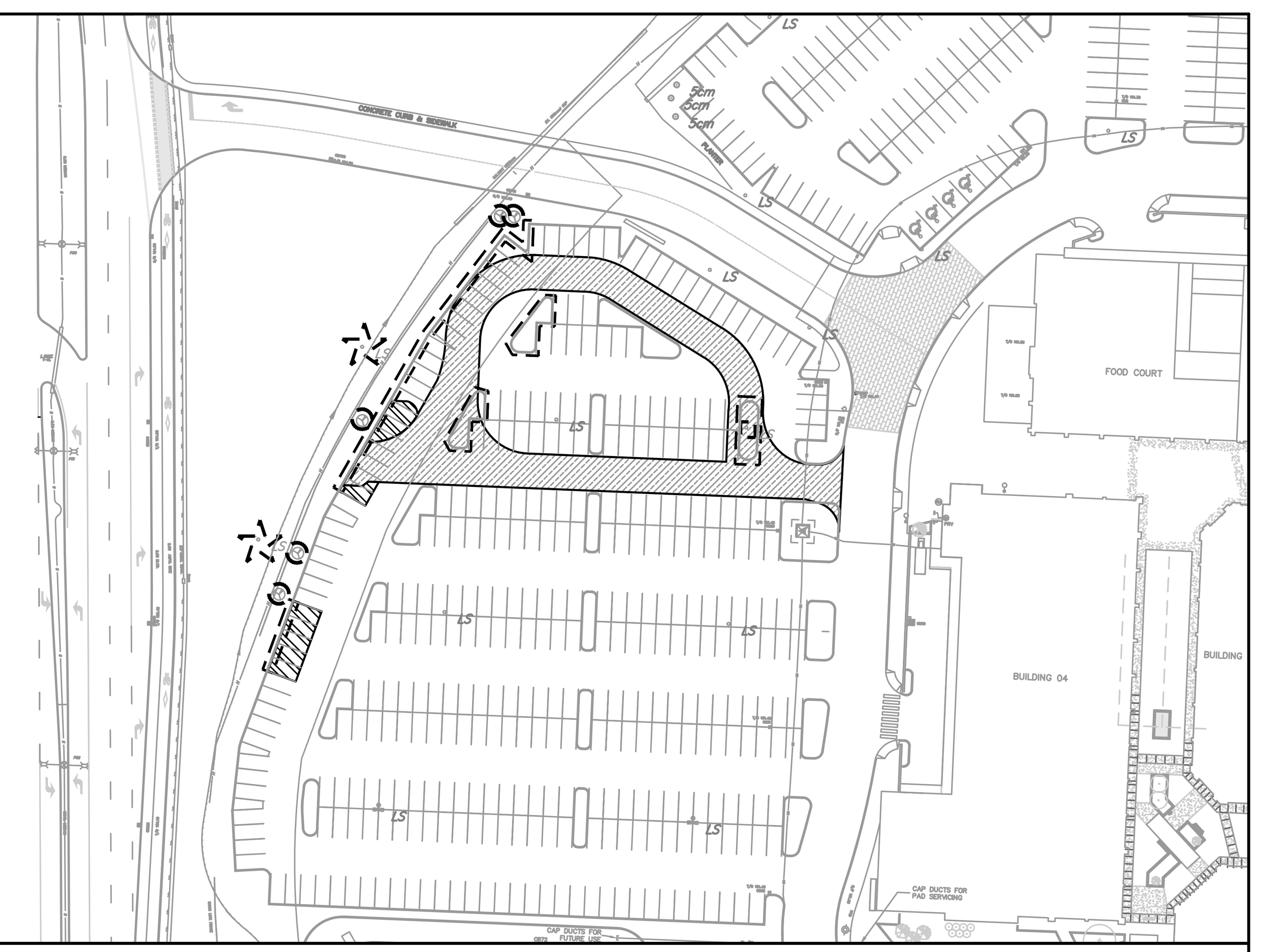
HEAVY DUTY

40mm - SUPERPAVE 12.5-FC2 ASPHALTIC CONCRETE
50mm - SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm - OPSS GRANULAR "A" CRUSHED STONE
450mm - OPSS GRANULAR "B" TYPE II CRUSHED STONE

SUBGRADE - EITHER FILL, INSITU SILTY CLAY OR SAND/CRUSHED STONE MATERIAL PLACED OVER IN SITU SOIL

REMOVALS LEGEND:

- CONCRETE CURB/SIDEWALK TO BE REMOVED
- REMOVE EXISTING STREETLIGHT BASE
- EXISTING STREETLIGHT TO BE RELOCATED
- EXISTING TREES TO BE REMOVED
- EXISTING LIGHT DUTY PAVEMENT STRUCTURE TO BE REMOVED AND REPLACED WITH HEAVY DUTY PAVEMENT STRUCTURE
- EXISTING ASPHALT TO BE REMOVED



REMOVALS DETAIL
N.T.S.

CLIENT

RIOCAN REIT

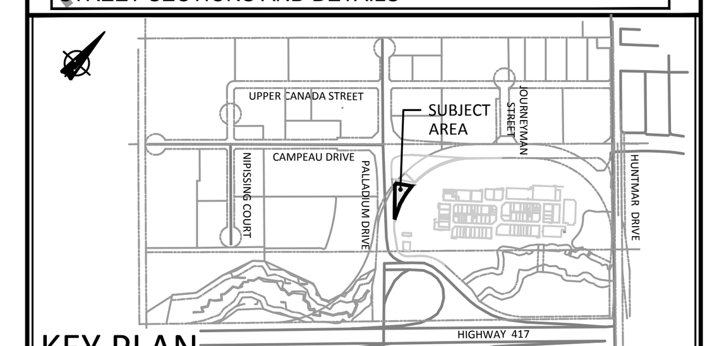
RIOCAN YONGE EGLINTON CENTER, 2300 YONGE ST, SUITE 500

ISSUES

No.	DESCRIPTION	DATE
1	ISSUED FOR COORDINATION	2023-03-06
2	ISSUED FOR SPA	2023-03-15
3		
4		
5		
6		
7		
8		
9		
10		

NOT FOR CONSTRUCTION

SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS



KEY PLAN
N.T.S.

CONSULTANTS

SEAL

LICENSED PROFESSIONAL ENGINEER
S. E. LABADIE
100214983
2023/03/15
PROVINCE OF ONTARIO

IBI GROUP
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Ottawa ON K1S 5N4 Canada
tel 613 225 1311 fax 613 225 9868
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PROJECT

CHICK-FIL-A

333 HUNTMAR DRIVE

PROJECT NO: 141991

DRAWN BY: D.P.S. / S.P.G.	CHECKED BY: J.I.M.
PROJECT MGR: S.E.L.	APPROVED BY: S.E.L.

SHEET TITLE

GENERAL NOTES LEGEND AND CB DATA TABLE

SHEET NUMBER C-010 — ISSUE 2

File Location: J:\141991_Chick-Fil-A_\7.0_Production\7.03_Design\04_CivilSheets\C-010-GENERAL NOTES LEGEND AND CB DATA TABLE.dwg Last Saved: March 15, 2023, by dsiurna Plotted: Wednesday, March 15, 2023 12:22:23 PM by Don Siurna

SCALE CHECK 1 in 10mm

CITY FILE No. D07-XX-XX-XXXX

CITY PLAN No. xxxxx

PART 2

PART 5

PART 3

PART 4

CONCRETE CURB & SIDEWALK

PALLADIUM DRIVE

CHICK-FIL-A
F.F. = 102.75

EXISTING BEAVERTAILS

LIMIT OF GRADING

FIRE &TRUCK ROUTE
HEAVY DUTY ASPHALT

PLANTER

FOOD COURT

BUILDING 04

FFE=101.95

CAR DUCTS FOR

Project North

1:250 0 2.5 7.5 12.5m

CLIENT

RIOCAN REIT

RIOCAN YONGE EGLINTON CENTER, 2300 YONGE ST, SUITE 500

ISSUES

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KEY PLAN
N.T.S.

CONSULTANTS

SEAL

L'ICENSED PROFESSIONAL ENGINEER
S. É. LABADIE
100214983
2023/03/15
PROVINCE OF ONTARIO

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PROJECT

BUILDING 17
CHICK-FIL-A

333 HUNTMAR DRIVE

PROJECT NO: 141991	
DRAWN BY: **D.P.S. / S.P.G.**	CHECKED BY: **J.I.M.**
PROJECT MGR: **S.E.L.**	APPROVED BY: **S.E.L.**

SHEET TITLE

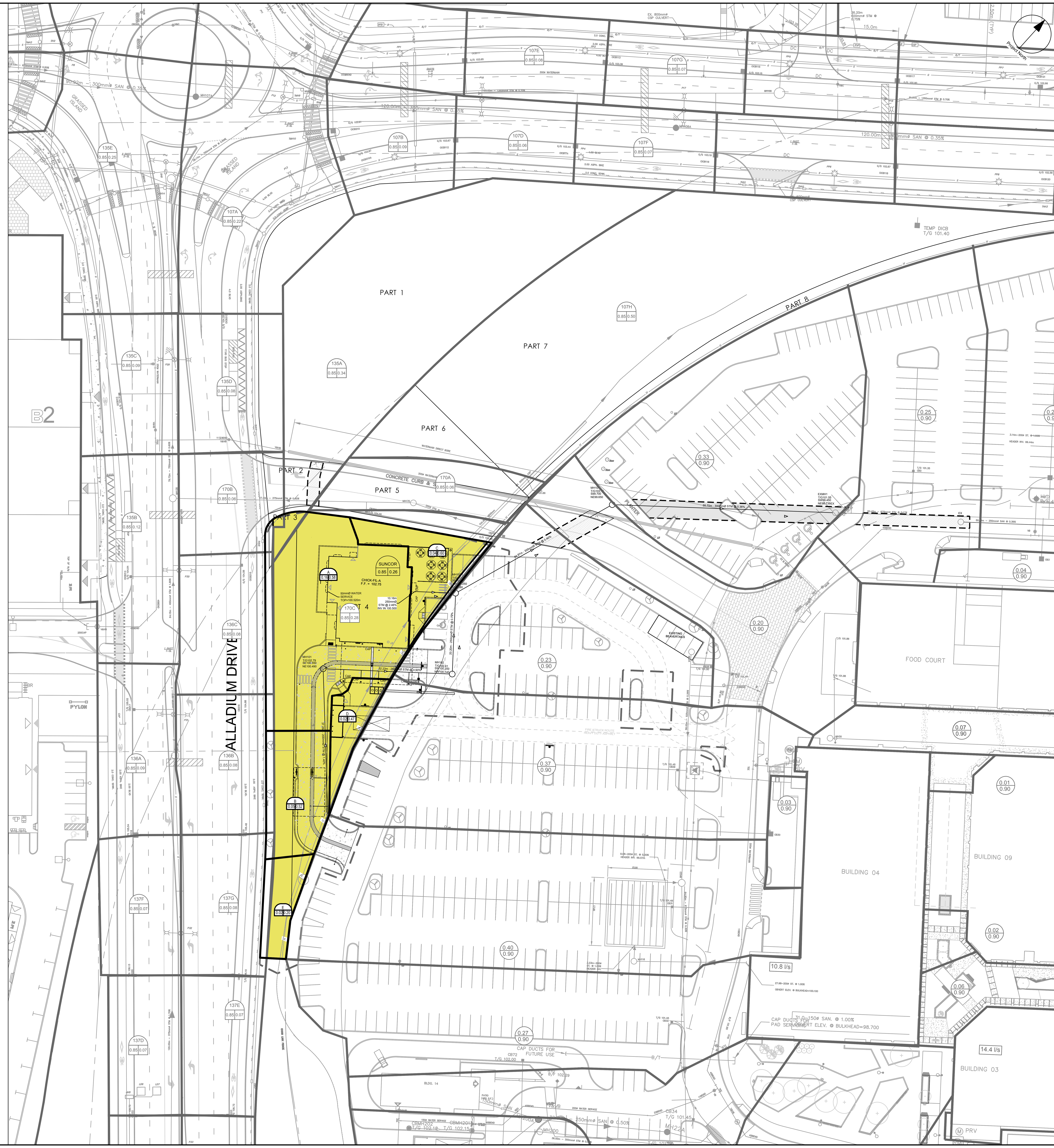
SITE GRADING PLAN

SHEET NUMBER	ISSUE
C-200	2

CITY FILE No. D07-XX-XX-XXXX

CITY PLAN No. xxxxx

File Location: J:\141991_Chick-Fil-A_17.0_Production\7.03_Design\04_Civil\Sheets\C-200-SITE GRADING PLAN.dwg Last Saved: March 15, 2023, by dsiuma Plotted: Wednesday, March 15, 2023 12:22:56 PM by Don Siuma



LEGEND :

Symbol	Meaning
WH	AREA NUMBER
1.01	RUNOFF COEFFICIENT
0.0	AREA IN HECTARES
WH (dashed)	EXISTING AREA NUMBER
1.01 (dashed)	EXISTING AREA IN HECTARES
0.0 (dashed)	EXISTING RUNOFF COEFFICIENT
0.06	EXISTING AREA IN HECTARES
0.90	EXISTING RUN OFF COEFFICIENT
Tc=11.70	ESTIMATED TIME OF CONCENTRATION IN MINUTES
AC=1.23	PRODUCT OF AREA AND RUNOFF COEFFICIENT
(thick line)	DRAINAGE AREA LIMITS
(grey line)	EXISTING DRAINAGE AREA LIMITS
(arrow)	EXISTING EMERGENCY OVERLAND FLOW

CLIENT

RIOCAN REIT

RIOCAN YONGE EGLINTON CENTER, 2300 YONGE ST, SUITE 500

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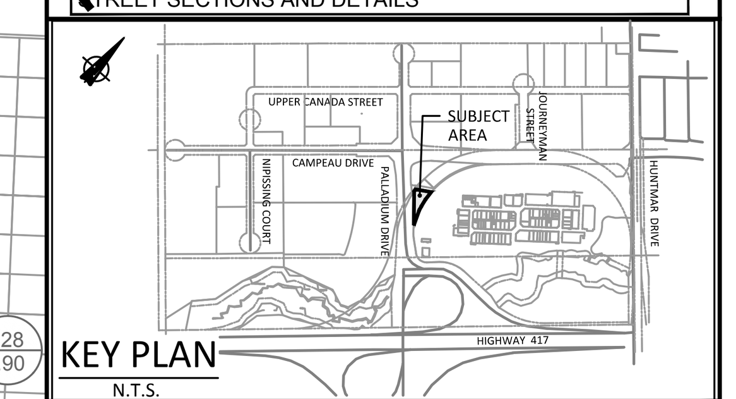
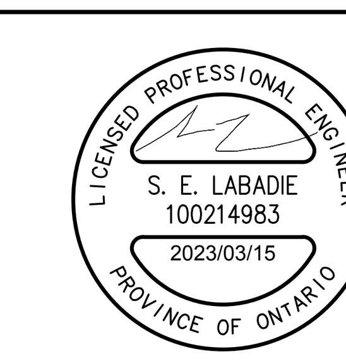


KEY PLAN
N.T.S.

CONSULTANTS

1:500 0 5 15 25m

SEAL



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ibigroup.com

PROJECT

BUILDING 17
CHICK-FIL-A

333 HUNTMAR DRIVE

PROJECT NO: 141991	
DRAWN BY: **D.P.S. / S.P.G.**	CHECKED BY: **S.L.B**
PROJECT MGR: **S.L.B.**	APPROVED BY: **J.I.M.**

SHEET TITLE

STORM DRAINAGE AREA PLAN

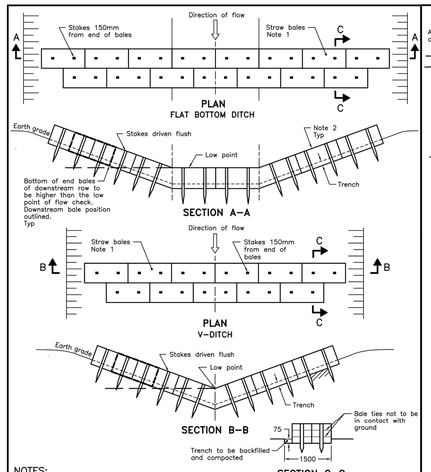
SHEET NUMBER	ISSUE
C-500	2

CITY PLAN No. xxxxx

CITY FILE No. D07-XX-XX-XXXX

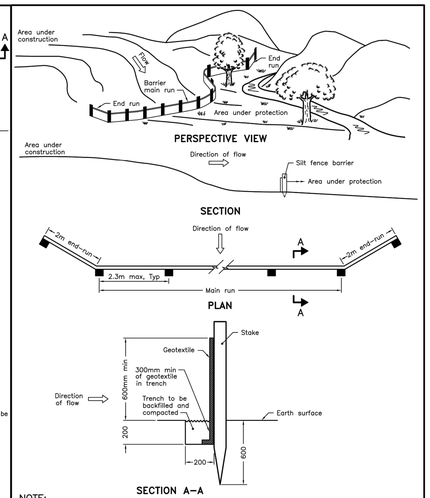
SCALE CHECK 1 in 10mm

File Location: J:\141991_Chick-Fil-A_\7.0_Production\7.03_Design\04_Civil\Sheets\C-500-STORM DRAINAGE AREA PLAN.dwg Last Saved: March 15, 2023, by dsurna Plotted: Wednesday, March 15, 2023 12:23:24 PM by Don Surna



NOTES:
1 Number of bales varies to suit ditch.
2 Straw bales to be butted tightly against adjoining bales and shaped to conform to the sides of the ditch to prevent water flow through barrier.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
STRAW BALE FLOW CHECK DAM		OPSD 219.180



NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
LIGHT–DUTY SILT FENCE BARRIER		OPSD 219.110

NOTES: LEGEND :

1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY,
2. SILT FENCE TO BE ERECTED PRIOR TO EARTH WORKS BEING COMMENCED. SILT FENCE TO BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL START OF SUBSEQUENT PHASE.
3. STRAW BALE SEDIMENT TRAPS TO BE CONSTRUCTED IN EXISTING ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.
4. SILT SACK TO BE PLACED AND MAINTAINED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE SILT SACK IN STREET CBs TO REMAIN UNTIL ALL CURBS ARE CONSTRUCTED. GEOTEXTILE FABRIC IN RYCBs TO REMAIN UNTIL VEGETATION IS ESTABLISHED. ALL CATCHBASINS TO BE REGULARLY INSPECTED AND CLEANED, AS NECESSARY, UNTIL SOD AND CURBS ARE CONSTRUCTED.
5. CONTRACTOR TO PROVIDE DETAILS ON LOCATION(S) AND DESIGN OF DEWATERING TRAP(S) PRIOR TO COMMENCING WORK. CONTRACTOR ALSO RESPONSIBLE FOR MAINTAINING TRAP(S) AND ADJUSTING SIZE(S) IF DEEMED REQUIRED BY THE ENGINEER DURING CONSTRUCTION.
6. CONTRACTOR TO PROTECT EXISTING CATCHBASINS WITH FILTER CLOTH UNDER THE COVERS TO TRAP SEDIMENTATION. REFER TO IDENTIFIED STRUCTURES.
6. WORKS NOTED ABOVE ARE TO BE INSTALLED, INSPECTED, MAINTAINED AND ULTIMATELY REMOVED BY SERVICING CONTRACTOR.
7. THIS IS A "LIVING DOCUMENT" AND MAY BE MODIFIED IN THE EVENT THE PROPOSED CONTROL MEASURES ARE INSUFFICIENT

LIGHT DUTY SILT FENCE AS PER OPSD-219.110

SNOW FENCE

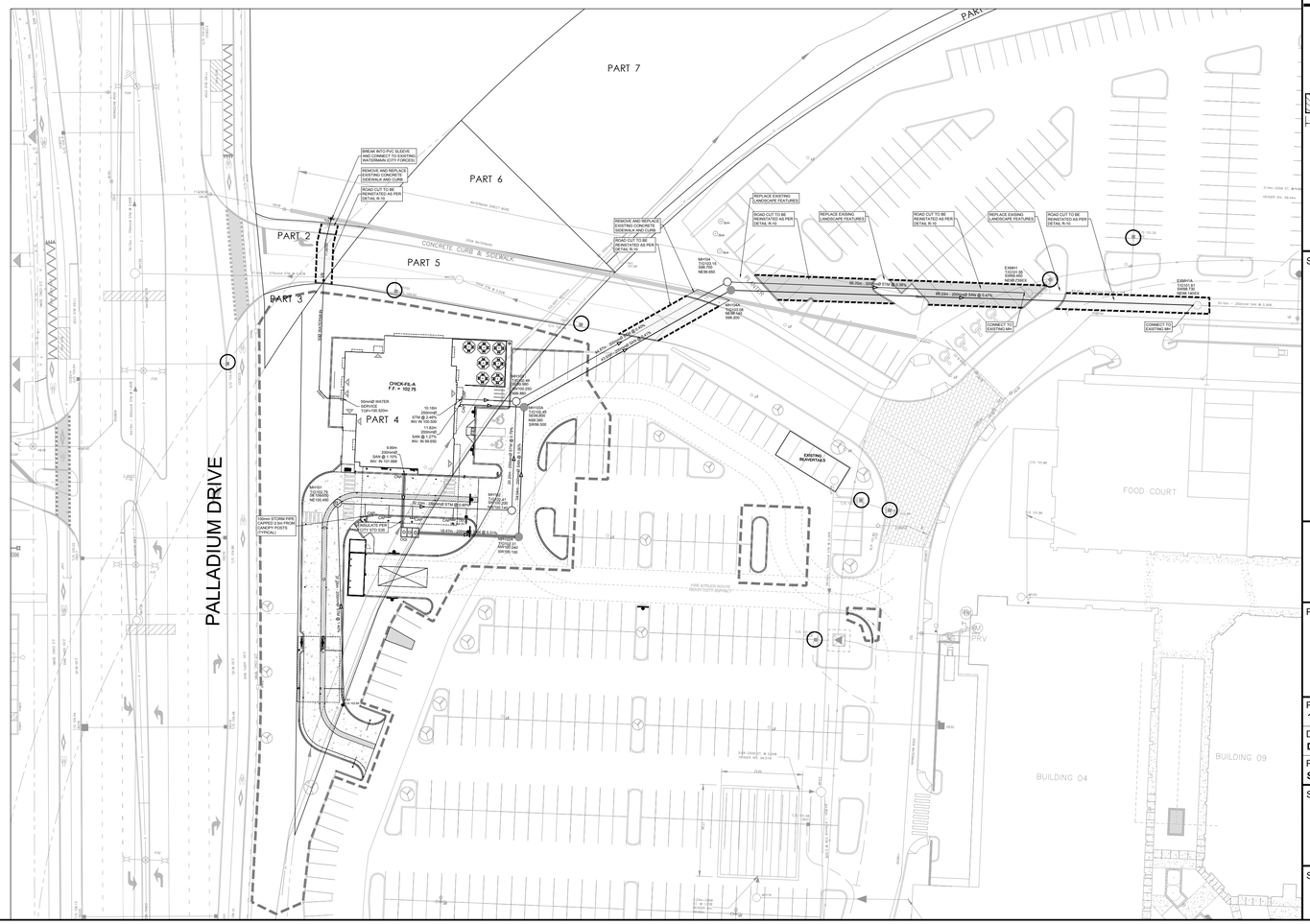
STRAW BALE CHECK DAM AS PER OPSD-219.180

ROCK CHECK DAM AS PER OPSD-219.210

CB SILT SACK PLACED UNDER EXISTING CB COVER

TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

North



1:500 0 5 15 25m

CLIENT

RIOCAN REIT

RIOCAN YONGE EGLINTON CENTER, 2300 YONGE ST, SUITE 500

IBI Group Professional Services (Canada) Inc.
is a member of the IBI Group of companies

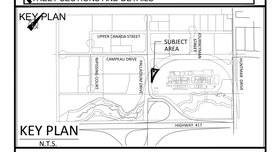
ISSUES

No.	DESCRIPTION	DATE
1	ISSUED FOR COORDINATION	2023-03-06
2	ISSUED FOR SPA	2023-03-15
3		
4		
5		
6		
7		
8		
9		
10		

NOT FOR CONSTRUCTION

REFER TO 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS

KEY PLAN



KEY PLAN
N.T.S.

LEGEND

LIGHT DUTY SILT FENCE AS PER OPSD-219.110

SNOW FENCE

STRAW BALE CHECK DAM AS PER OPSD-219.180

ROCK CHECK DAM AS PER OPSD-219.210

CB SILT SACK PLACED UNDER EXISTING CB COVER

TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

SEAL

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PROJECT

BUILDING 17
CHICK-FIL-A

333 HUNTMAR DRIVE

PROJECT NO: 141991	
DRAWN BY: **D.P.S. / S.P.G.**	CHECKED BY: **J.I.M.**
PROJECT MGR: **S.E.L.**	APPROVED BY: **S.E.L.**

SHEET TITLE

EROSION AND SEDIMENTATION CONTROL PLAN

SHEET NUMBER	ISSUE
C-900	2

SCALE CHECK

CITY FILE No. D07-XX-XX-XXXX

CITY PLAN No. xxxxx

File Location: J:\141991_Chick-Fil-A_17.0_Production\7.03_Design\04_Civil\Sheets\C-900 SEDIMENT - EROSION PLAN.dwg Last Saved: March 14, 2023, by dsiuma Plotted: Wednesday, March 15, 2023 12:23:52 PM by Don Siuma