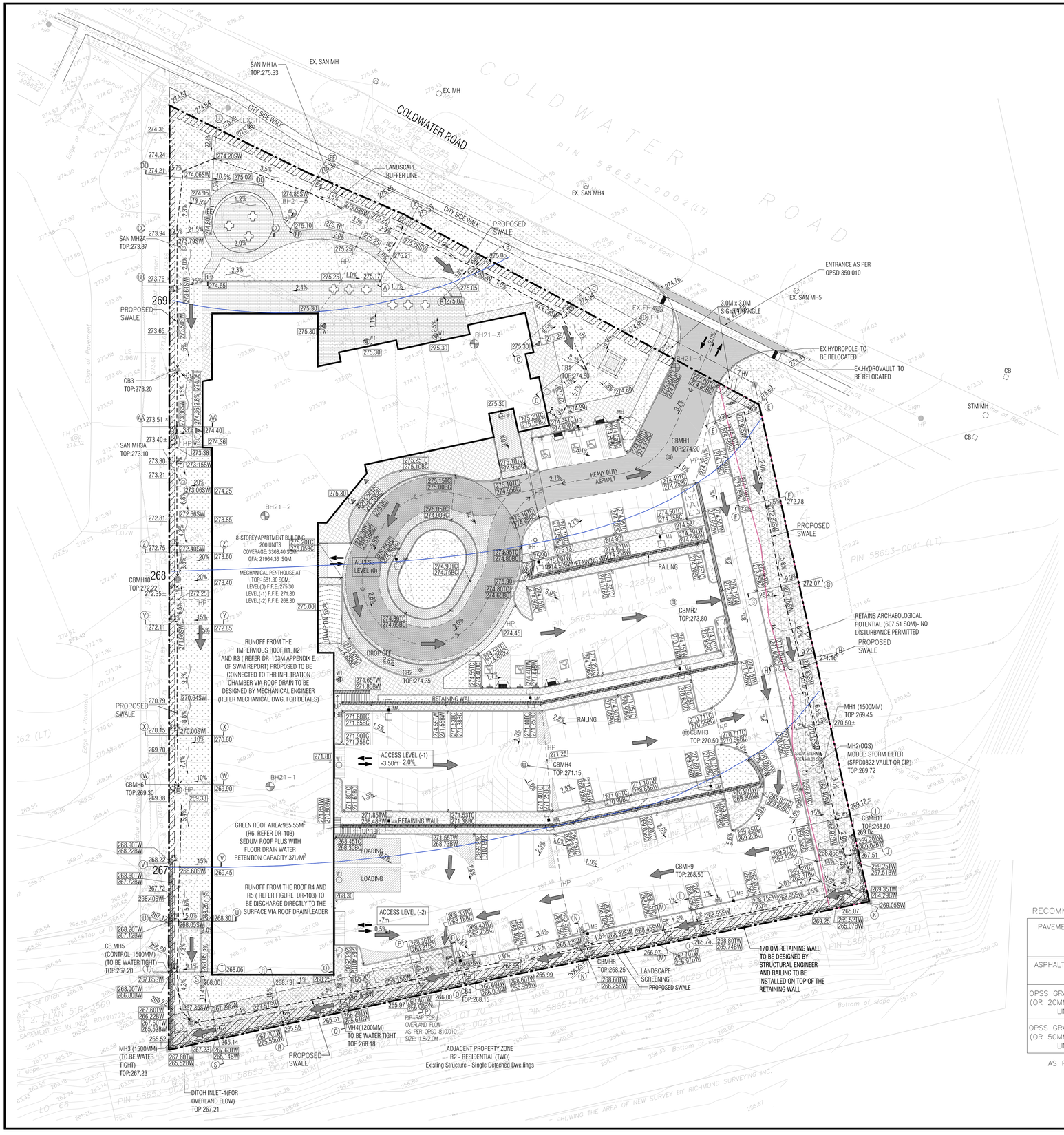
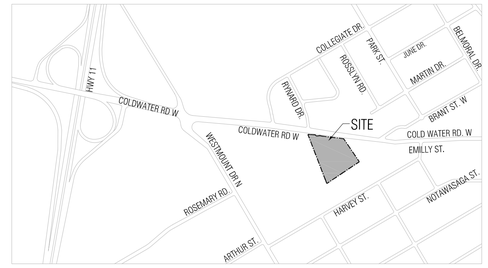




KEY PLAN
SCALE -NTS

GENERAL NOTES

1. READ THIS DRAWING IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL AND LANDSCAPING PLANS.
2. ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
3. ALL WORK, MATERIALS AND CONSTRUCTION METHODS TO CONFORM WITH THE LATEST STANDARDS, SPECIFICATIONS, POLICIES, REGULATIONS, GUIDELINES AND LAWS FOR THE CITY, THE ONTARIO BUILDING CODE (OBC), MINISTRY OF THE ENVIRONMENT (MOE), ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPSS), THE ENVIRONMENTAL PROTECTION ACT AND THE WATER RESOURCES ACT. THE MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
4. THE INFORMATION SHOWN FOR EXISTING UTILITIES WAS COMPILED FROM LOCATES' INFORMATION AND RECORD DRAWINGS FROM THE CITY. THE INFORMATION IS SHOWN FOR GENERAL INFORMATION ONLY AND THE ACCURACY OR COMPLETENESS OF THE PROVIDED INFORMATION HAS NOT BEEN CONFIRMED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTOR'S EXPENSE.
5. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS' PLANS. ANY DISCREPANCIES SHALL BE CLARIFIED PRIOR TO CONSTRUCTION. INFORMATION RELATED TO DIMENSIONS FOR PRIVATE ROADS, PARKING, CURBING, BUILDING LOCATION AND SETBACKS SHALL BE TAKEN FROM THE SITE PLAN PREPARED BY THE ARCHITECT.
6. ALL DIMENSIONS AND ELEVATIONS TO BE VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES FOUND PRIOR TO OR DURING CONSTRUCTION SHALL BE CLARIFIED WITH THE ENGINEER.

INSPECTIONS:

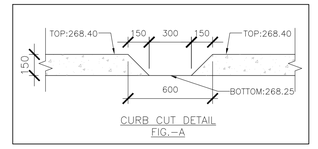
7. ALL WORK IN THE CITY'S RIGHT OF WAY AND EASEMENTS IS TO BE INSPECTED BY THE CITY PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY THE CITY AS PER THE SITE PLAN AGREEMENT.
8. ALL DISTURBED GRASSED AREAS TO BE RESTORED WITH MINIMUM 200MM TOPSOIL AND NO. 1 NURSERY SOD.
9. THE CONTRACTOR AGREES NOT TO MAKE A MATERIAL CHANGE OR CAUSE A MATERIAL CHANGE TO BE MADE TO A PLAN, SPECIFICATION, DOCUMENT OR OTHER INFORMATION, ON THE BASIS OF WHICH THIS DRAWING WAS APPROVED BY THE CITY, WITHOUT NOTIFYING, FILING DETAILS WITH AND OBTAINING WRITTEN AUTHORIZATION OF THE MUNICIPAL AND PROJECT ENGINEER.
10. SITE SPECIFIC DETAILED DESIGN AND PLAN PREPARED BY TEAM OF EXPERT ENGINEERS FROM N ENGINEERING INC. BASED ON THROUGH CONSULTATION WITH ALL AUTHORITIES OF JURISDICTION. IT IS MANDATORY THE PROJECT CONSTRUCTION BE SUPERVISED BY N ENGINEERING INC TO ENSURE THE ACCURACY, QUALITY OF EXECUTION OF THE PLAN AND ENSURE THE COMPLETION OF THE PROJECT
11. THE DEVELOPER/OWNER AGREES ALL STORMWATER MANAGEMENT WORK, WATER SERVICING WORK AND SANITARY SEWER WORK INSIDE THE BOUNDARY OF THE SITE IS TO BE INSPECTED BY N ENGINEERING INC. PRIOR TO BACKFILLING.
12. ALL WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY N ENGINEERING AS PER APPROVED PLANS BY THE CITY.
13. WATER & SANITARY TO BE LIVE TAPPED & INSTALLED BY AN APPROVED CONTRACTOR.

CAUTION:

CONTRACTOR TO DETERMINE LOCATION AND INVERTS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. IF THEIR IS ANY DISCREPANCY. THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.

LEGEND

- PROPERTY LINE
- DEVELOPMENT LIMIT
- PROPOSED CONCRETE CURB
- 1M O/C — PROPOSED DEPRESSED CONCRETE CURB
- LANDSCAPED AREA
- CONCRETE WALKWAY/SIDEWALK
- PAINTED LINE
- BARRIER FREE PARKING
- MAIN ENTRANCE
- OVER HEAD DOOR
- RETAINING WALL / CONCRETE TOE WALL
- FFE — FINISHED FLOOR ELEVATION
- HP — EX. HYDRO POLE
- UP — UTILITY POLE
- EX.CB — EXISTING CATCH BASIN
- CB — PROPOSED CATCH BASIN MANHOLE
- DCBMH — PROPOSED DOUBLE CATCH BASIN MANHOLE
- CBMH — PROPOSED CATCH BASIN MANHOLE
- EX.MH — EXISTING STORM MANHOLE
- MH — PROPOSED STORM MANHOLE
- EX.MH — EXISTING SANITARY MANHOLE
- MH1A — PROPOSED SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EX.WV — EXISTING WATER VALVE
- WV — PROPOSED WATER VALVE
- OVERLAND FLOW ROUTE
- 173.52 — EXISTING ELEVATION TO REMAIN
- 174.00 — EXISTING ELEVATION
- 173.90TC — PROPOSED TOP/CURB ELEVATION
- 173.30 — PROPOSED ELEVATION
- x=2% — PROPOSED SURFACE SLOPE
- H.P — HIGH POINT (DRAINAGE DIVIDE)
- 100 YR. STORM HWL AREA
- HV — HYDRO VAULT



CURB CUT DETAIL
FIG.-A

RECOMMENDED PAVEMENT STRUCTURE

PAVEMENT LAYER	COMPACTION REQUIREMENTS	LIGHT DUTY PAVEMENT (PARKING FOR CARS)	HEAVY DUTY PAVEMENT (ACESS ROAD, FIRE ROUTES & PARKING FOR DELIVERY TRUCKS)
ASPHALTIC CONCRETE	92.0% MAXIMUM RELATIVE DENSITY(MRD)	40MM HL 3 80MM HL 8	40MM HL 3 80MM HL 8
OPSS GRANULAR 'A' BASE (OR 20MM CRUSHER RUN LIMESTONE)	100% SPMDD*	150MM	150MM
OPSS GRANULAR 'B' BASE (OR 50MM CRUSHER RUN LIMESTONE)	100% SPMDD*	250MM	350MM

AS PER GEOTECHNICAL REPORT PREPARED BY PALMER DATED JAN 28,2022

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100233432
10JUNE2026
PROVINCE OF ONTARIO

N
DISCOVER NORTH!
PROJECT NORTH

No.	Date	Version	Dwn.
7.	10 JUNE 2026	ISSUED FOR SPA -5	LU
6.	05 FEB 2026	ISSUED FOR SPA -4	LU
5.	18 DEC 2024	ISSUED FOR SPA -3	SP
4.	15 MAY 2024	ISSUED FOR SPA -2	SP
3.	15 JAN 2024	ISSUED FOR CO-ORDINATION	AB
2.	01 NOV 2022	ISSUED FOR SPA-1	EH
1.	17JUNE2022	DRAFT FOR REVIEW	EH

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LEGAL DESCRIPTION

PART OF LOT 7, CONCESSION 4 (FORMERLY IN THE TOWNSHIP OF SOUTH ORILLIA) CITY OF ORILLIA COUNTY OF SIMCOE

BEARING NOTE

BEARINGS ARE UTM GRID, BY REAL TIME NETWORK (TOPNET) OBSERVATIONS, UTM ZONE 17, NAD83 (ORIGINAL) (1997.0).

BENCHMARK NOTE

ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM FIRE HYDRANT NO. 212 HAVING A VALUE OF 275.647 FROM INFORMATION SUPPLIED BY THE CITY OF ORILLIA ENGINEERING DEPARTMENT.

SURVEYOR INFORMATION

SURVEYOR INFORMATION TAKEN FROM YOUNG & YOUNG SURVEYING INC. 2 HOLLAND DRIVE, UNIT 5, BOLTON ON. L7E 1E1

Email: info@youngsurveying.ca
www.youngsurveying.ca

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E: Info@narchitecture.com
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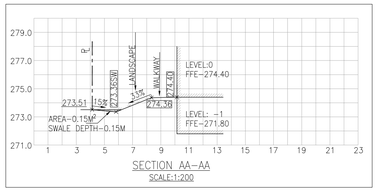
PROJECT:

CONDOMINIUM 233,249,261 COLDWATER ROAD, WEST, ORILLIA

DRAWING TITLE:

SITE GRADING PLAN

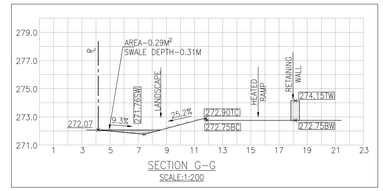
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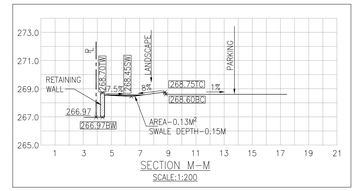
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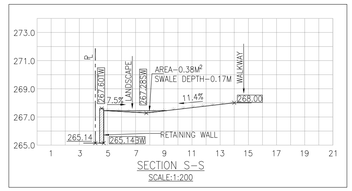
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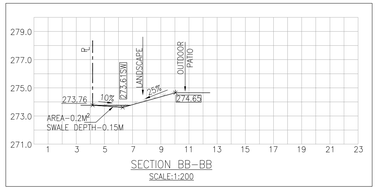
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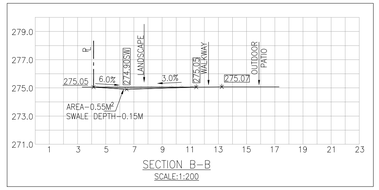
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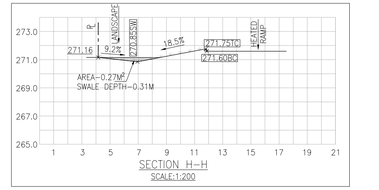
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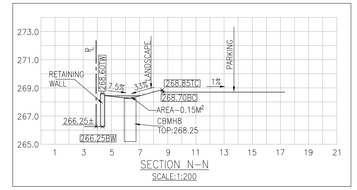
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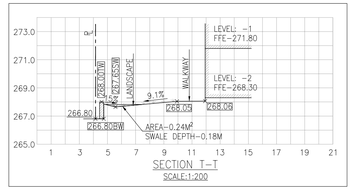
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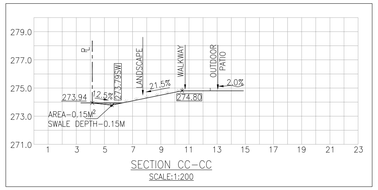
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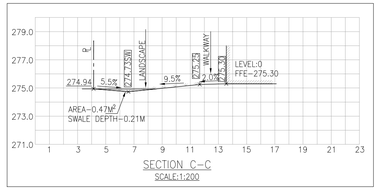
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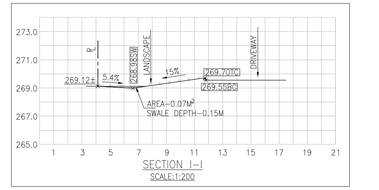
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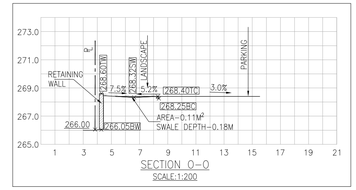
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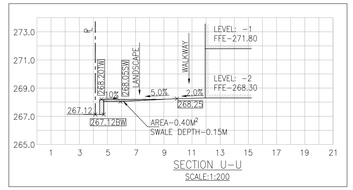
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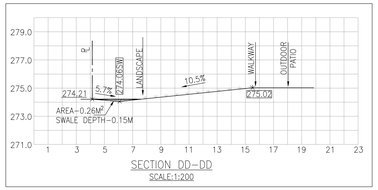
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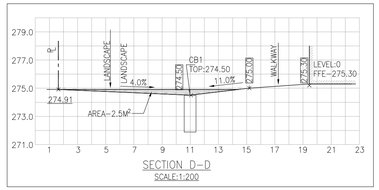
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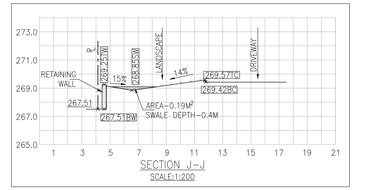
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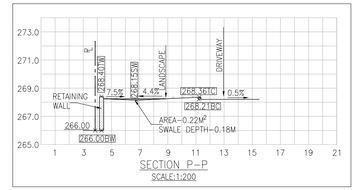
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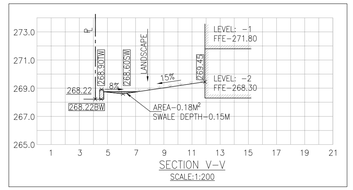
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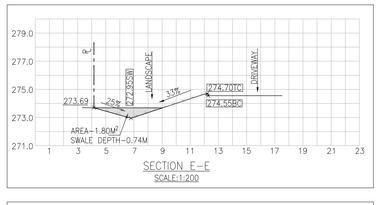
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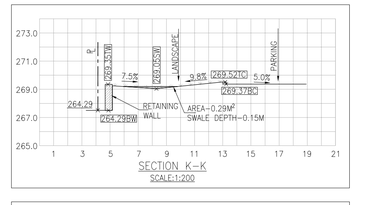
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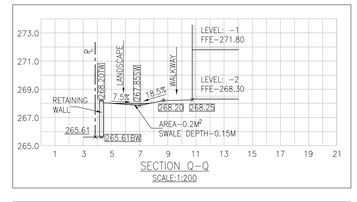
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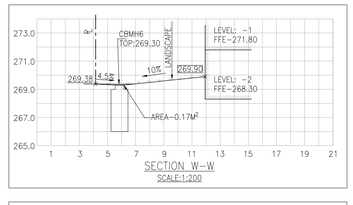
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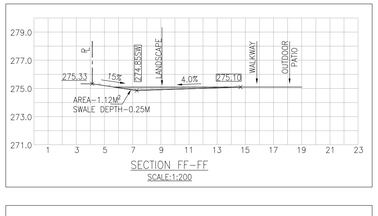
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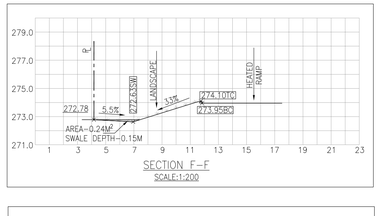
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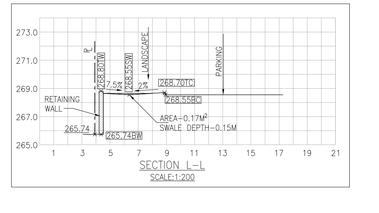
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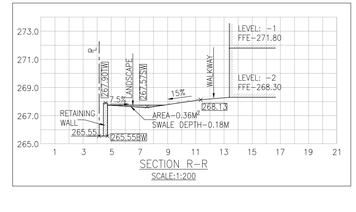
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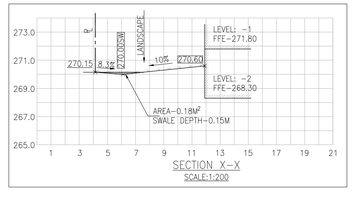
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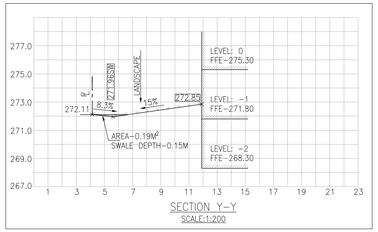
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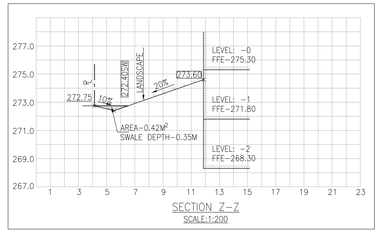
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SECTION X-X
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SECTION Y-Y
SCALE:1:200



SECTION Z-Z
SCALE:1:200

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100233432
10JUNE2026
PROVINCE OF ONTARIO

No.	Date	Version	Dwn.
7.	10 JUNE 2026	ISSUED FOR SPA -5	LU
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1.	17JUNE2022	DRAFT FOR REVIEW	EH

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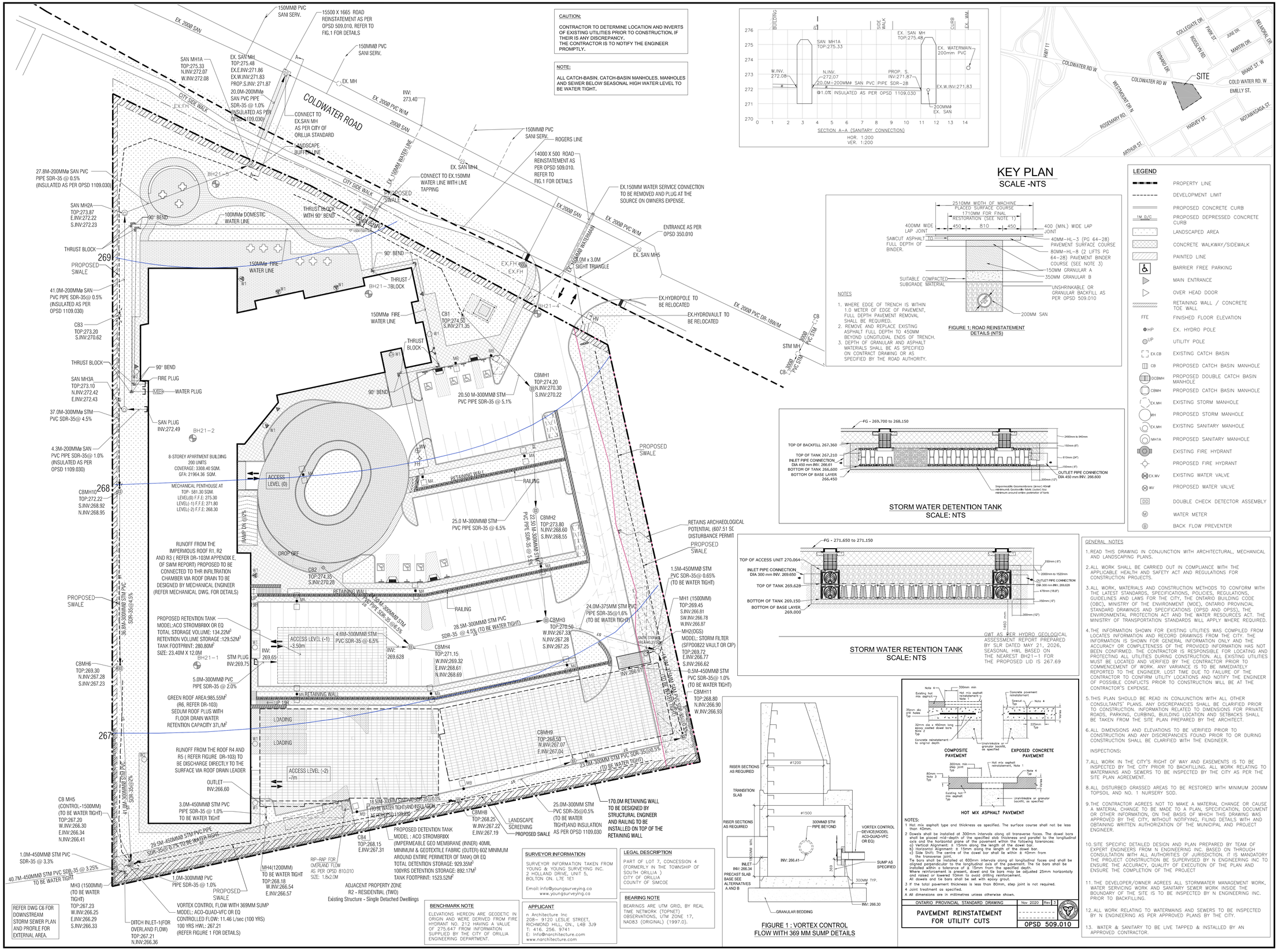
PROJECT:

CONDOMINIUM 233,249,261 COLDWATER ROAD, WEST, ORILLIA

DRAWING TITLE:

CROSS SECTIONS

DRAWN BY: AB	DATE: 29 MAR. 2022
CHECKED BY: AZ	SCALE: 1:350
PROJECT NO.: **21-23**	DRAWING NO.: **C1a**



CAUTION:

CONTRACTOR TO DETERMINE LOCATION AND INVERTS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION, IF THEIR IS ANY DISCREPANCY, THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.

NOTE:

ALL CATCH-BASIN, CATCH-BASIN MANHOLES, MANHOLES AND SEWER BELOW SEASONAL HIGH WATER LEVEL TO BE WATER TIGHT.

SECTION A–A (SANITARY CONNECTION)
HOR. 1:200
VER. 1:200

KEY PLAN
SCALE -NTS

NOTES

1. WHERE EDGE OF TRENCH IS WITHIN 1.0 METER OF EDGE OF PAVEMENT, FULL DEPTH PAVEMENT REMOVAL SHALL BE REQUIRED.
2. REMOVE AND REPLACE EXISTING ASPHALT FULL DEPTH TO 450MM BEYOND LONGITUDIAL ENDS OF TRENCH.
3. DEPTH OF GRANULAR AND ASPHALT MATERIALS SHALL BE AS SPECIFIED ON CONTRACT DRAWING OR AS SPECIFIED BY THE ROAD AUTHORITY.

FIGURE 1: ROAD REINSTATEMENT DETAILS (NTS)

STORM WATER DETENTION TANK
SCALE: NTS

STORM WATER RETENTION TANK
SCALE: NTS

GWT AS PER HYDRO GEOLOGICAL ASSESSMENT REPORT PREPARED BY SLR DATED MAY 21, 2026, SEASONAL HWL BASED ON THE NEAREST BH21-1 FOR THE PROPOSED LID IS 267.69

FIGURE 1 : VORTEX CONTROL FLOW WITH 369 MM SUMP DETAILS

NOTES:

1 Hot mix asphalt type and thickness as specified. The surface course shall not be less than 40mm.

2 Dowels shall be installed at 300mm intervals along all transverse faces. The dowel bars shall be placed mid-depth of the specified slab thickness and parallel to the longitudinal axis and the horizontal plane of the pavement within the following tolerances:
a) Vertical Alignment: ± 15mm along the length of the dowel bar.
b) Horizontal Alignment: ± 15mm along the length of the dowel bar.
c) Side Shift: The centre of the dowel bar shall lie within ± 40mm from the transverse joint.
The dowels shall be installed at 600mm intervals along all longitudinal faces and shall be aligned parallel to the longitudinal axis of the pavement. The tie bars shall be installed within a tolerance of ± 15mm from the specified depth.
Where reinforcement is present, dowel and tie bars may be adjusted 25mm horizontally and raised or lowered 10mm to avoid drilling reinforcement.
All dowels and tie bars shall be set with epoxy grout.

3 If the total pavement thickness is less than 80mm, step joint is not required.

4 Joint treatment as specified.

A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2020	Rev 3
PAVEMENT REINSTATEMENT FOR UTILITY CUTS		OPSD 509.010

SURVEYOR INFORMATION

SURVEYOR INFORMATION TAKEN FROM YOUNG & YOUNG SURVEYING INC. 2 HOLLAND DRIVE, UNIT 5, BOLTON ON, L7E 1E1

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APPLICANT

n Architecture Inc
208– 9120 LESLIE STREET, RICHMOND HILL, ON., L4B 3J9
T: 416. 256. 9741
E: info@narchitecture.com
www.narchitecture.com

LEGAL DESCRIPTION

PART OF LOT 7, CONCESSION 4 (FORMERLY IN THE TOWNSHIP OF SOUTH ORILLIA) CITY OF ORILLIA COUNTY OF SIMCOE

BEARING NOTE

BEARINGS ARE UTM GRID, BY REAL TIME NETWORK (TOPNET) OBSERVATIONS, UTM ZONE 17, NAD83 (ORIGINAL) (1997.0).

BENCHMARK NOTE

ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM FIRE HYDRANT NO. 212 HAVING A VALUE OF 275.647 FROM INFORMATION SUPPLIED BY THE CITY OF ORILLIA ENGINEERING DEPARTMENT.

LEGEND

- PROPERTY LINE
- DEVELOPMENT LIMIT
- PROPOSED CONCRETE CURB
- 1M D/C — PROPOSED DEPRESSED CONCRETE CURB
- LANDSCAPED AREA
- CONCRETE WALKWAY/SIDEWALK
- PAINTED LINE
- BARRIER FREE PARKING
- MAIN ENTRANCE
- OVER HEAD DOOR
- RETAINING WALL / CONCRETE TOE WALL
- FFE — FINISHED FLOOR ELEVATION
- HP — EX. HYDRO POLE
- UP — UTILITY POLE
- EX.CB — EXISTING CATCH BASIN
- CB — PROPOSED CATCH BASIN MANHOLE
- DCBMH — PROPOSED DOUBLE CATCH BASIN MANHOLE
- CBMH — PROPOSED CATCH BASIN MANHOLE
- EX.MH — EXISTING STORM MANHOLE
- MH — PROPOSED STORM MANHOLE
- EX.MH — EXISTING SANITARY MANHOLE
- MH1A — PROPOSED SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EX.WV — EXISTING WATER VALVE
- WV — PROPOSED WATER VALVE
- DD — DOUBLE CHECK DETECTOR ASSEMBLY
- M — WATER METER
- B — BACK FLOW PREVENTER

No.	Date	Version	Dwn.
7.	10 JUNE 2026	ISSUED FOR SPA -5	LU
6.	05 FEB 2026	ISSUED FOR SPA -4	LU
5.	18 DEC 2024	ISSUED FOR SPA -3	SP
4.	15 MAY 2024	ISSUED FOR SPA -2	SP
3.	15 JAN 2024	ISSUED FOR CO-ORDINATION	AB
2.	01 NOV 2022	ISSUED FOR SPA-1	EH
1.	17JUNE2022	DRAFT FOR REVIEW	EH

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GENERAL NOTES

1. READ THIS DRAWING IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL AND LANDSCAPING PLANS.
2. ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
3. ALL WORK, MATERIALS AND CONSTRUCTION METHODS TO CONFORM WITH THE LATEST STANDARDS, SPECIFICATIONS, POLICIES, REGULATIONS, GUIDELINES AND LAWS FOR THE CITY, THE ONTARIO BUILDING CODE (OBC), MINISTRY OF THE ENVIRONMENT (MOE), ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPSS), THE ENVIRONMENTAL PROTECTION ACT AND THE WATER RESOURCES ACT. THE MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
4. THE INFORMATION SHOWN FOR EXISTING UTILITIES WAS COMPILED FROM LOCATES INFORMATION AND RECORD DRAWINGS FROM THE CITY. THE INFORMATION IS SHOWN FOR GENERAL INFORMATION ONLY AND THE ACCURACY OR COMPLETENESS OF THE PROVIDED INFORMATION HAS NOT BEEN CONFIRMED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTOR'S EXPENSE.
5. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS' PLANS. ANY DISCREPANCIES SHALL BE CLARIFIED PRIOR TO CONSTRUCTION. INFORMATION RELATED TO DIMENSIONS FOR PRIVATE ROADS, PARKING, CURBING, BUILDING LOCATION AND SETBACKS SHALL BE TAKEN FROM THE SITE PLAN PREPARED BY THE ARCHITECT.
6. ALL DIMENSIONS AND ELEVATIONS TO BE VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES FOUND PRIOR TO OR DURING CONSTRUCTION SHALL BE CLARIFIED WITH THE ENGINEER.

INSPECTIONS:

7. ALL WORK IN THE CITY'S RIGHT OF WAY AND EASEMENTS IS TO BE INSPECTED BY THE CITY PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY THE CITY AS PER THE SITE PLAN AGREEMENT.
8. ALL DISTURBED GRASSED AREAS TO BE RESTORED WITH MINIMUM 200MM TOPSOIL AND NO. 1 NURSERY SOD.
9. THE CONTRACTOR AGREES NOT TO MAKE A MATERIAL CHANGE OR CAUSE A MATERIAL CHANGE TO BE MADE TO A PLAN, SPECIFICATION, DOCUMENT OR OTHER INFORMATION, ON THE BASIS OF WHICH THIS DRAWING WAS APPROVED BY THE CITY, WITHOUT NOTIFYING, FILING DETAILS WITH AND OBTAINING WRITTEN AUTHORIZATION OF THE MUNICIPAL AND PROJECT ENGINEER.
10. SITE SPECIFIC DETAILED DESIGN AND PLAN PREPARED BY TEAM OF EXPERT ENGINEERS FROM N ENGINEERING INC. BASED ON THROUGH CONSULTATION WITH ALL AUTHORITIES OF JURISDICTION, IT IS MANDATORY THE PROJECT CONSTRUCTION BE SUPERVISED BY N ENGINEERING INC TO ENSURE THE ACCURACY, QUALITY OF EXECUTION OF THE PLAN AND ENSURE THE COMPLETION OF THE PROJECT
11. THE DEVELOPER/OWNER AGREES ALL STORMWATER MANAGEMENT WORK, WATER SERVICING WORK AND SANITARY SEWER WORK INSIDE THE BOUNDARY OF THE SITE IS TO BE INSPECTED BY N ENGINEERING INC. PRIOR TO BACKFILLING.
12. ALL WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY N ENGINEERING AS PER APPROVED PLANS BY THE CITY.
13. WATER & SANITARY TO BE LIVE TAPPED & INSTALLED BY AN APPROVED CONTRACTOR.

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Richmond Hill, Ontario. L4B 3J9
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A.S.ZIAUDDIN
100233432
10JUNE2026
PROVINCE OF ONTARIO

N
DISCOVER NORTH!
PROJECT NORTH

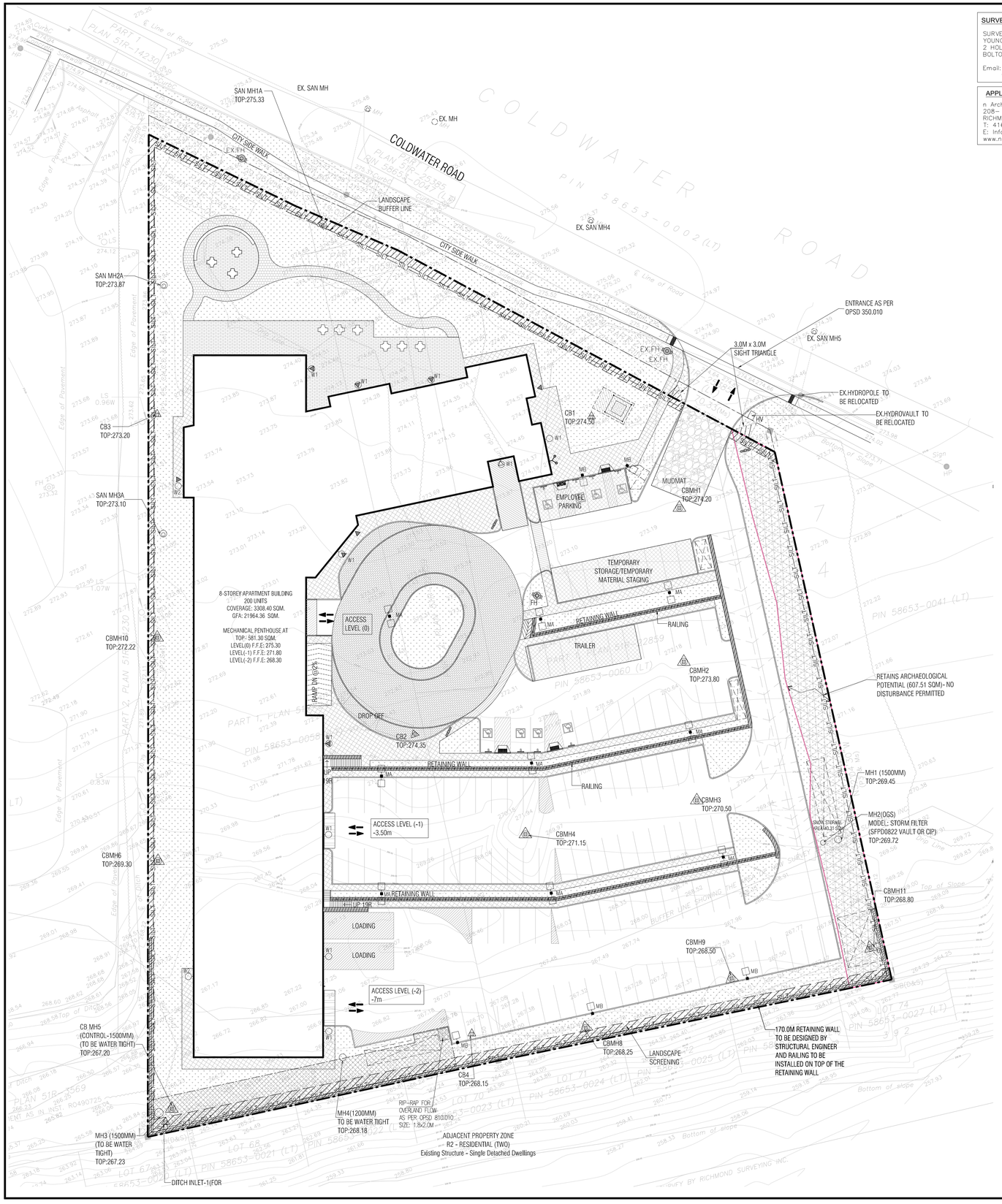
PROJECT:

CONDOMINIUM 233,249,261 COLDWATER ROAD, WEST, ORILLIA

DRAWING TITLE:

SITE SERVICING PLAN

DRAWN BY: AB	DATE: 29 MAR. 2022
CHECKED BY: AZ	SCALE: 1:350
PROJECT NO.: 21-23	DRAWING NO.: C2



SURVEYOR INFORMATION

SURVEYOR INFORMATION TAKEN FROM YOUNG & YOUNG SURVEYING INC.
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RICHMOND HILL, ON., L4B 3J9
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LEGAL DESCRIPTION

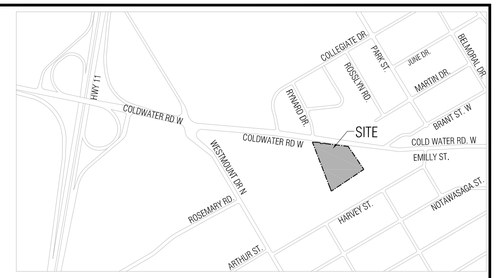
PART OF LOT 7, CONCESSION 4 (FORMERLY IN THE TOWNSHIP OF SOUTH ORILLIA)
CITY OF ORILLIA
COUNTY OF SIMCOE

BEARING NOTE

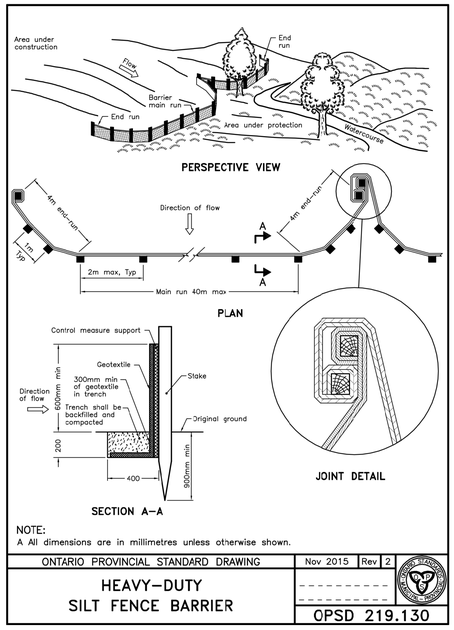
BEARINGS ARE UTM GRID, BY REAL TIME NETWORK (TOPNET) OBSERVATIONS, UTM ZONE 17, NAD83 (ORIGINAL) (1997.0).

BENCHMARK NOTE

ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM FIRE HYDRANT NO. 212 HAVING A VALUE OF 275.647 FROM INFORMATION SUPPLIED BY THE CITY OF ORILLIA ENGINEERING DEPARTMENT.



KEY PLAN
SCALE -NTS

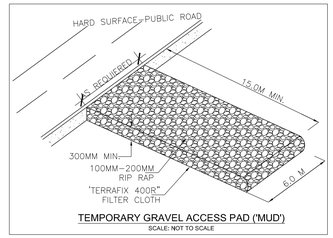


NOTE:
A All dimensions are in millimetres unless otherwise shown.

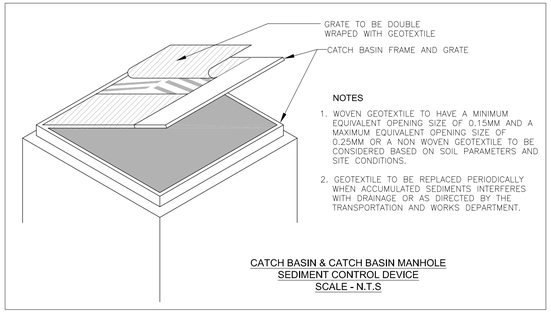
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2015	Rev 2
HEAVY–DUTY SILT FENCE BARRIER		OPSD 219.130

LEGEND

- PROPERTY LINE
- DEVELOPMENT LIMIT
- PROPOSED CONCRETE CURB
- 1M D/C — PROPOSED DEPRESSED CONCRETE CURB
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- CONCRETE WALKWAY/SIDEWALK
- PAINTED LINE
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- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EX.WV — EXISTING WATER VALVE
- WV — PROPOSED WATER VALVE
- SILT — SILT FENCE
- STONE PAD CONSTRUCTION ENTRANCE



TEMPORARY GRAVEL ACCESS PAD ('MUD')
SCALE: NOT TO SCALE



NOTES
1. WOVEN GEOTEXTILE TO HAVE A MINIMUM EQUIVALENT OPENING SIZE OF 0.15MM AND A MAXIMUM EQUIVALENT OPENING SIZE OF 0.25MM OR A NON WOVEN GEOTEXTILE TO BE CONSIDERED BASED ON SOIL PARAMETERS AND SITE CONDITIONS.
2. GEOTEXTILE TO BE REPLACED PERIODICALLY WHEN ACCUMULATED SEDIMENTS INTERFERES WITH DRAINAGE OR AS DIRECTED BY THE TRANSPORTATION AND WORKS DEPARTMENT.

CATCH BASIN & CATCH BASIN MANHOLE SEDIMENT CONTROL DEVICE
SCALE - N.T.S

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Richmond Hill, Ontario. L4B 3J9
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LICENSED PROFESSIONAL ENGINEER
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10JUNE2026
PROVINCE OF ONTARIO

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DISCOVER THE NORTH!
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No.	Date	Version	Dwn.
7.	10 JUNE 2026	ISSUED FOR SPA -5	LU
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1.	17JUNE2022	DRAFT FOR REVIEW	EH

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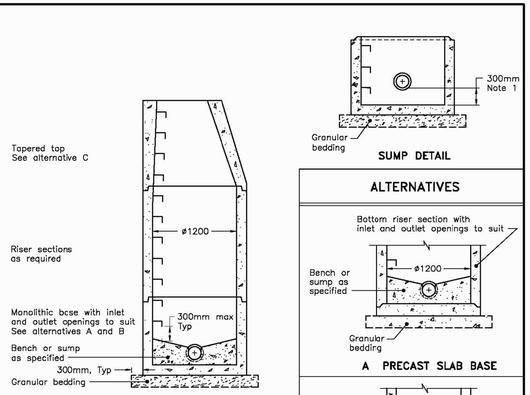
PROJECT:

CONDOMINIUM 233,249,261 COLDWATER ROAD, WEST, ORILLIA

DRAWING TITLE:

CONSTRUCTION MITIGATION AND EROSION & SEDIMENT CONTROL PLAN

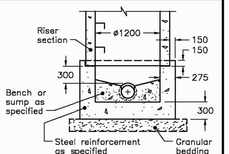
DRAWN BY: AB	DATE: 29 MAR. 2022
CHECKED BY: AZ	SCALE: 1:350
PROJECT NO.: **21-23**	DRAWING NO.: **C3**



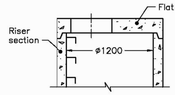
SUMP DETAIL

ALTERNATIVES

A PRECAST SLAB BASE



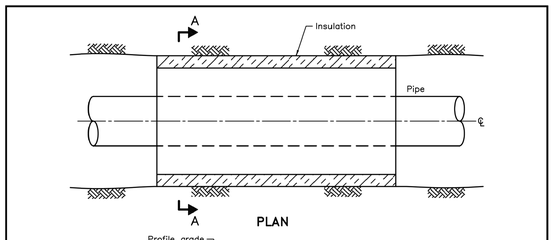
B CAST-IN-PLACE BASE



C PRECAST FLAT CAP

NOTES:
1 The sump is measured from the lowest invert.
A Granular backfill shall be placed to a minimum thickness of 300mm all around the maintenance hole.
B Precast concrete components shall be according to OPSD 701.030, 701.031, or 701.032.
C Structure exceeding 5.0m in depth shall include safety platform according to OPSD 404.020.
D Pipe support according to OPSD 708.020.
E For benching and pipe opening details, see OPSD 701.021.
F For adjustment unit and frame installation, see OPSD 704.010.
G All dimensions are nominal.
H All dimensions are in millimetres unless otherwise shown.

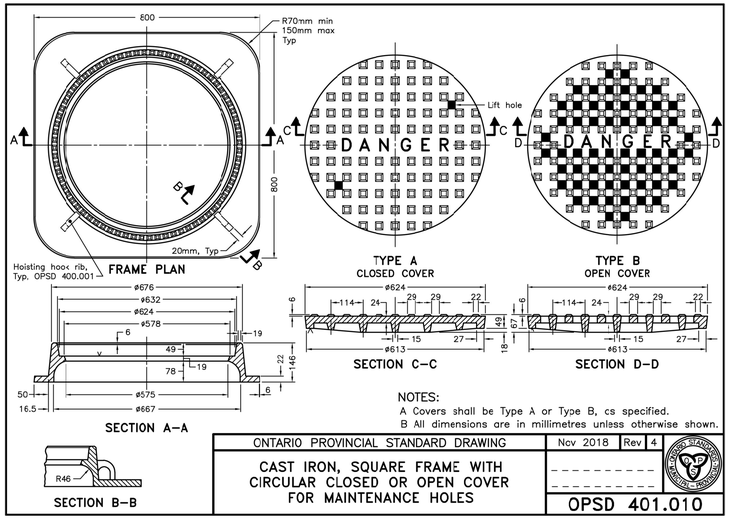
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2014	Rev 5
PRECAST CONCRETE MAINTENANCE HOLE 1200mm DIAMETER		OPSD 701.010



SECTION A–A
TYPICAL PIPE INSULATION DETAIL

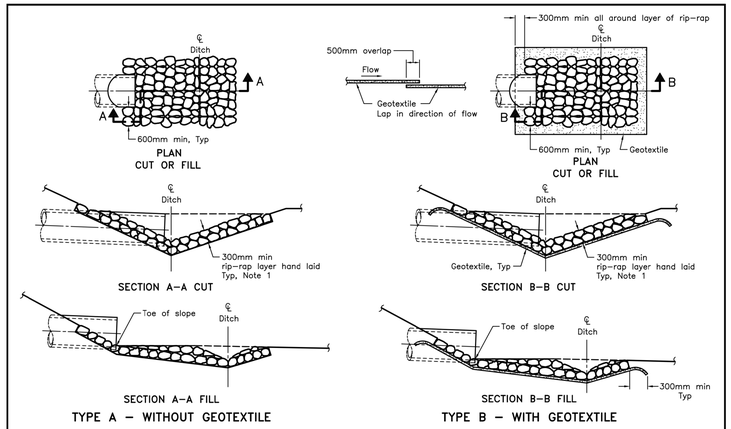
NOTES:
1 The insulation material shall be extruded polystyrene according to OPSS 1605 with a minimum compressive strength of 275 kPa.
2 Pipe embedment or bedding, cover, and backfill shall be according to:
a) Flexible OPSD 802.010, 802.013, 802.020, and 802.023.
b) Rigid – OPSD 802.030, 802.031, 802.032, 802.033, 802.050, 802.051, 802.052, and 802.053.
A Minimum insulation thickness shall be 50mm.
B Joints shall be staggered for multiple insulation sheets.
C This OPSD is to be read in conjunction with OPSD 3090.100 and 3090.101.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2020	Rev 1
INSULATION FOR SEWERS AND WATERMAINS IN SHALLOW TRENCHES		OPSD 1109.030



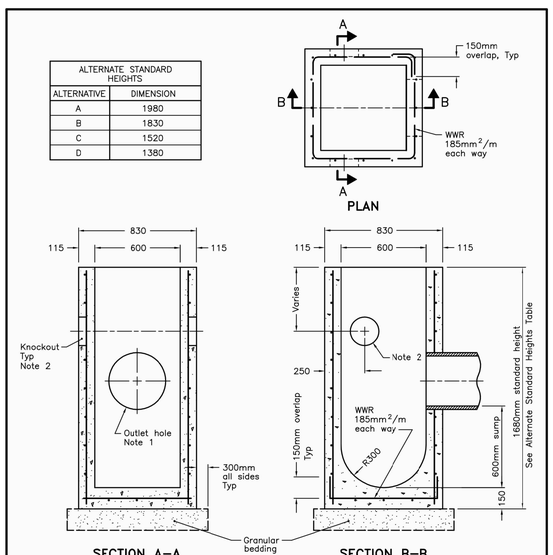
NOTES:
A Covers shall be Type A or Type B, as specified.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2018	Rev 4
CAST IRON, SQUARE FRAME WITH CIRCULAR CLOSED OR OPEN COVER FOR MAINTENANCE HOLES		OPSD 401.010



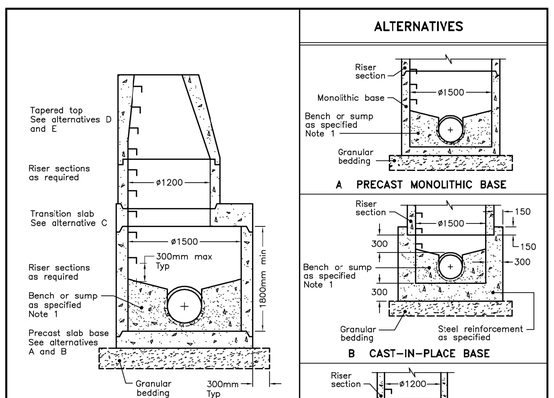
NOTES:
1 The thickness of the rip–rap layer shall be at least 1.5 times the rip–rap mean diameter.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2018	Rev 3
GENERAL RIP–RAP LAYOUT FOR SEWER AND CULVERT OUTLETS		OPSD 810.010



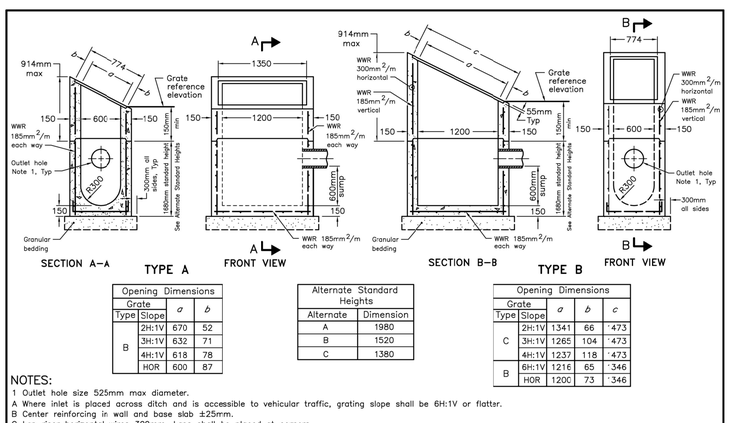
NOTES:
1 Outlet hole size 525mm diameter maximum, location as required.
2 200mm diameter knockout to accommodate subdrain. Knockout shall be 60mm deep.
A Centre reinforcing in base slab and walls ±20mm.
B Granular backfill shall be placed to a minimum thickness of 300mm all around the catch basin.
C Frame, grate, and adjustment units shall be installed according to OPSD 704.010.
D Pipe support shall be according to OPSD 708.020.
E All dimensions are nominal.
F All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2019	Rev 4
PRECAST CONCRETE CATCH BASIN 600x600mm		OPSD 705.010



NOTES:
1 For sump detail, see OPSD 701.010.
A Granular backfill shall be placed to a minimum thickness of 300mm all around the maintenance hole.
B Precast concrete components shall be according to OPSD 701.030, 701.031, 701.040, 701.041, 703.011, 703.021, and 706.010.
C Structures exceeding 5.0m in depth shall include safety platform according to OPSD 404.020 or 404.021.
D Pipe support shall be according to OPSD 708.020.
E For benching and pipe opening details, see OPSD 701.021.
F For adjustment unit and frame installation, see OPSD 704.010.
G All dimensions are nominal.
H All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2014	Rev 5
PRECAST CONCRETE MAINTENANCE HOLE 1500mm DIAMETER		OPSD 701.011



Opening Dimensions				
Grate Type	Slope	a	b	
B	2H:1V	670	52	
	3H:1V	632	71	
	4H:1V	618	78	
	HOR	600	87	

Alternate Standard Heights	
Alternate	Dimension
A	1980
B	1520
C	1380

Opening Dimensions				
Grate Type	Slope	a	b	c
C	2H:1V	1341	66	473
	3H:1V	1265	104	473
	4H:1V	1237	118	473
	6H:1V	1216	65	346
	HOR	1200	73	346
B				

NOTES:
1 Outlet hole size 525mm max diameter.
A Where inlet is placed across ditch and is accessible to vehicular traffic, grating slope shall be 6H:1V or flatter.
B Center reinforcing in wall and base slab ±25mm.
C Lap riser horizontal wires 300mm. Laps shall be placed at corners.
D Granular backfill shall be placed to a minimum thickness of 300mm all around the ditch inlet.
E Grating shall be according to OPSD 403.010.
F Pipe support shall be according to OPSD 708.020.
G All dimensions are nominal.
H All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2019	Rev 4
PRECAST CONCRETE DITCH INLETS 600 x 1200mm		OPSD 705.040

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LICENSED PROFESSIONAL ENGINEER
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100233432
10JUNE2026
PROVINCE OF ONTARIO

No.	Date	Version	Dwn.
7.	10 JUNE 2026	ISSUED FOR SPA -5	LU
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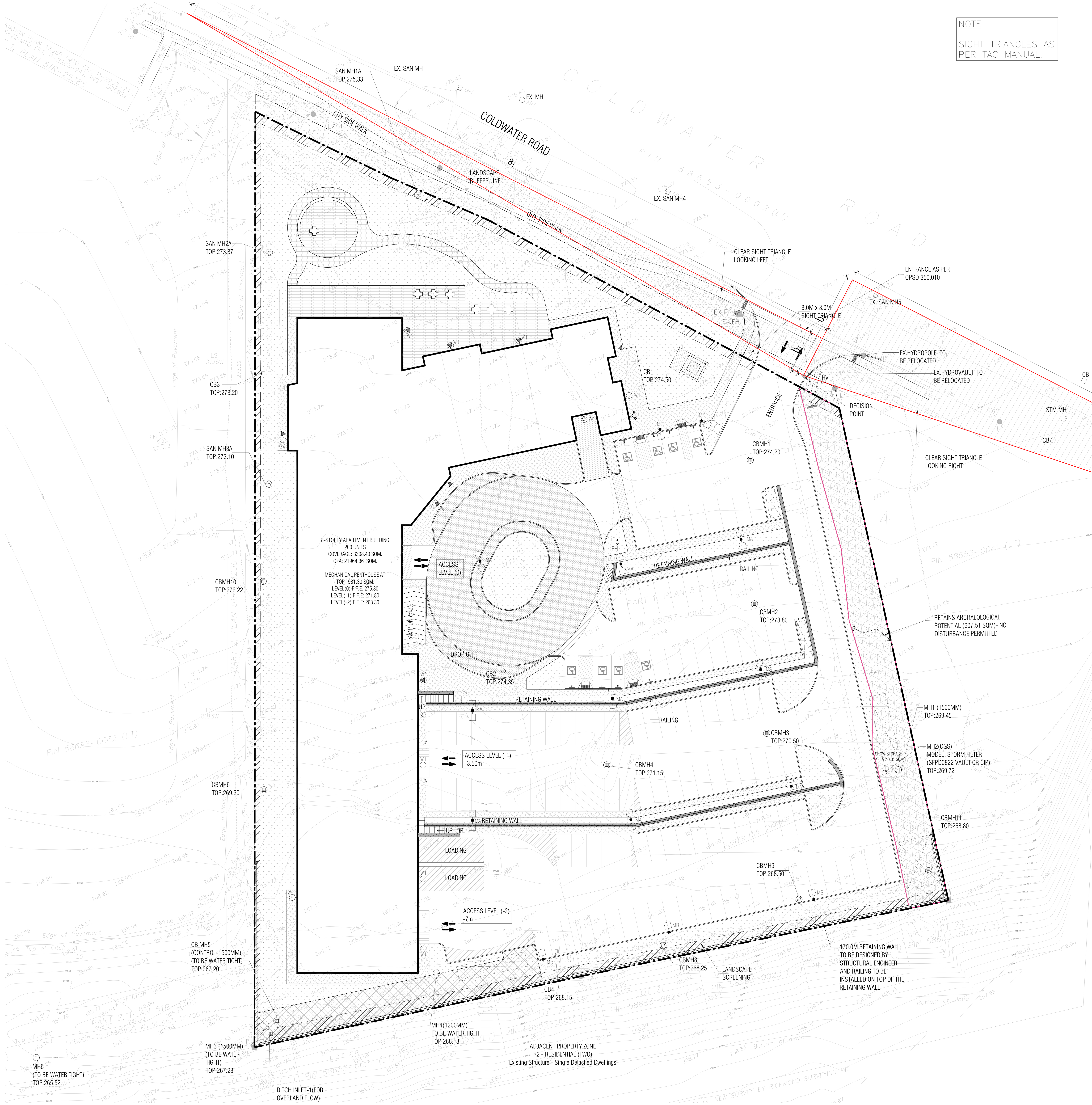
PROJECT:

CONDOMINIUM 233,249,261 COLDWATER ROAD, WEST, ORILLIA

DRAWING TITLE:

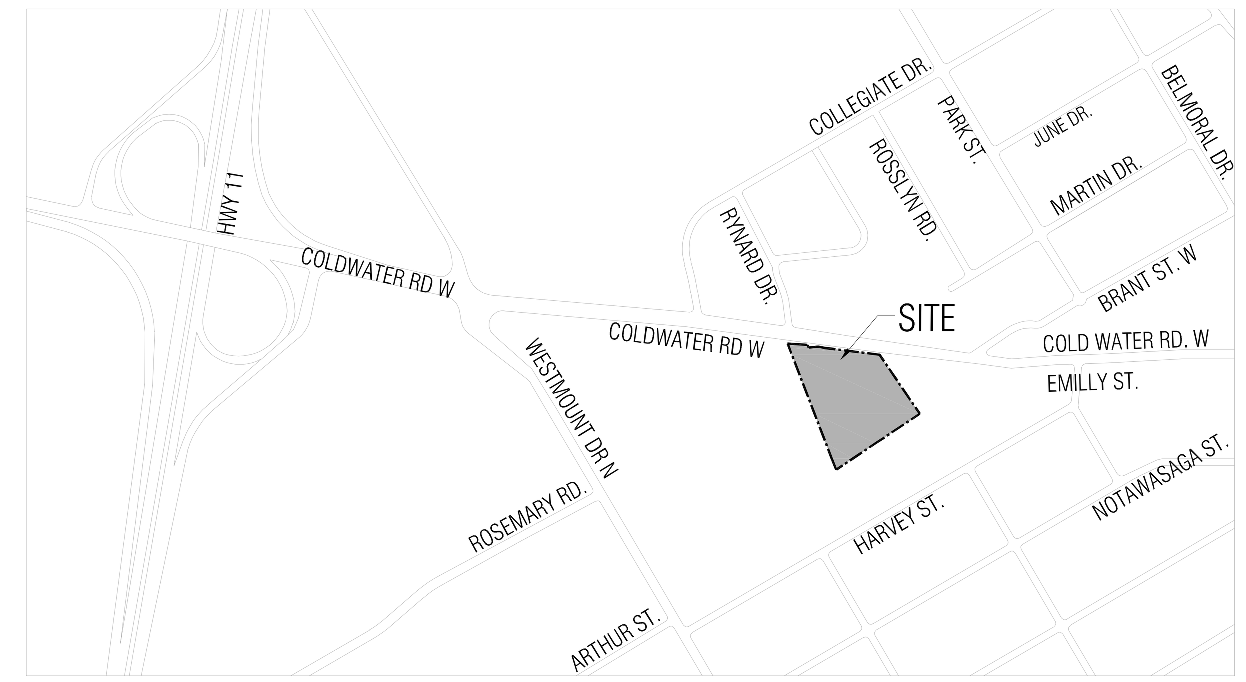
STANDARD DETAILS

DRAWN BY: AB	DATE: 29 MAR. 2022
CHECKED BY: AZ	SCALE: N.T.S
PROJECT NO.: **21-23**	DRAWING NO.: **C4**



NOTE

SIGHT TRIANGLES AS PER TAC MANUAL.



KEY PLAN
SCALE -NTS

SIGHT DISTANCE TABLE

SIGHT TRIANGLE	DISTANCE TYPE	DISTANCE
RIGHT TURN	a_1	7.57m
	b_1	130.00m
LEFT TURN	a_2	19.57m
	b_2	130.00m

LEGAL DESCRIPTION
PART OF LOT 7, CONCESSION 4 (FORMERLY IN THE TOWNSHIP OF SOUTH ORILLIA) CITY OF ORILLIA COUNTY OF SIMCOE

BEARING NOTE
BEARINGS ARE UTM GRID, BY REAL TIME NETWORK (TOPNET) OBSERVATIONS, UTM ZONE 17, NAD83 (ORIGINAL) (1997.0).

BENCHMARK NOTE
ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM FIRE HYDRANT NO. 212 HAVING A VALUE OF 275.647 FROM INFORMATION SUPPLIED BY THE CITY OF ORILLIA ENGINEERING DEPARTMENT.

SURVEYOR INFORMATION
SURVEYOR INFORMATION TAKEN FROM YOUNG & YOUNG SURVEYING INC.
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BOLTON ON. L7E 1E1

Email: info@youngsurveying.ca
www.youngsurveying.ca

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LICENSED PROFESSIONAL ENGINEER
A.S.ZIAUDDIN
100233432
10JUNE2026
PROVINCE OF ONTARIO

N
(GEODETIC NORTH)
PROJECT NORTH

No.	Date	Version	Dwn.
7.	10JUNE 2026	ISSUED FOR SPA -5	LU
6.	05 FEB 2026	ISSUED FOR SPA -4	LU
5.	18 DEC 2024	ISSUED FOR SPA -3	SP
4.	15 MAY 2024	ISSUED FOR SPA -2	AB
3.	14 DEC 2023	ISSUED FOR CO-ORDINATION	AB
2.	1 NOV 2022	ISSUED FOR SPA-1	EH
1.	17JUNE2022	DRAFT FOR REVIEW	EH

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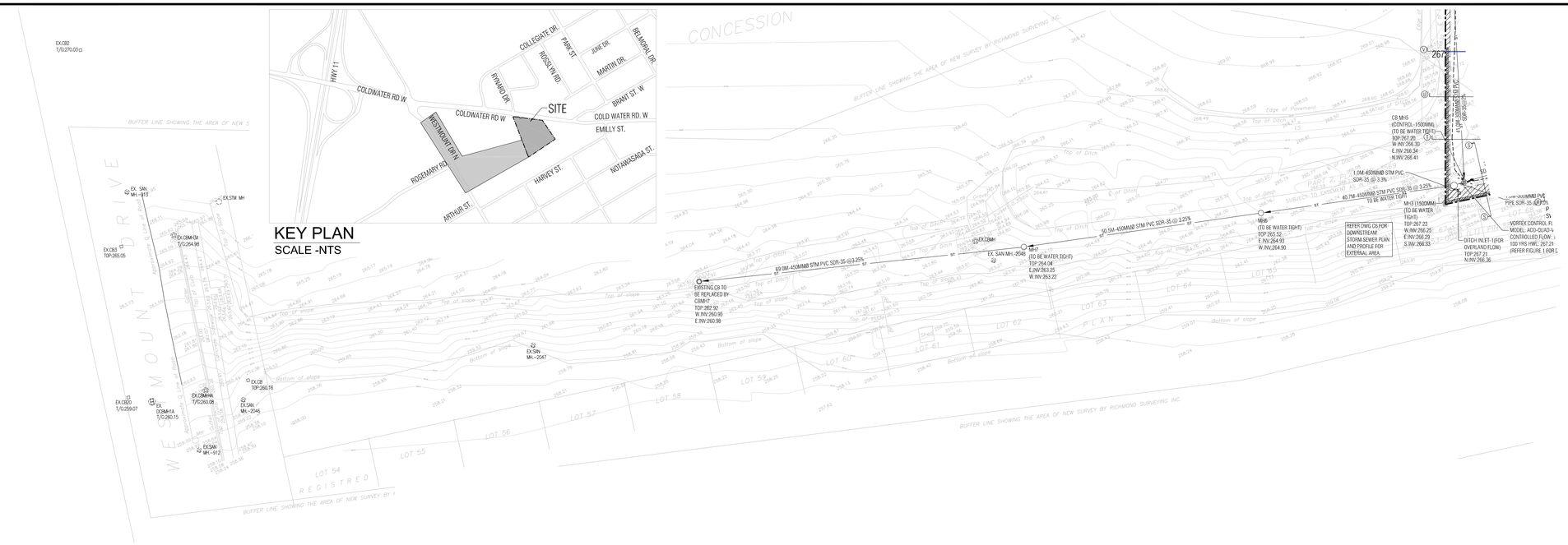
PROJECT:

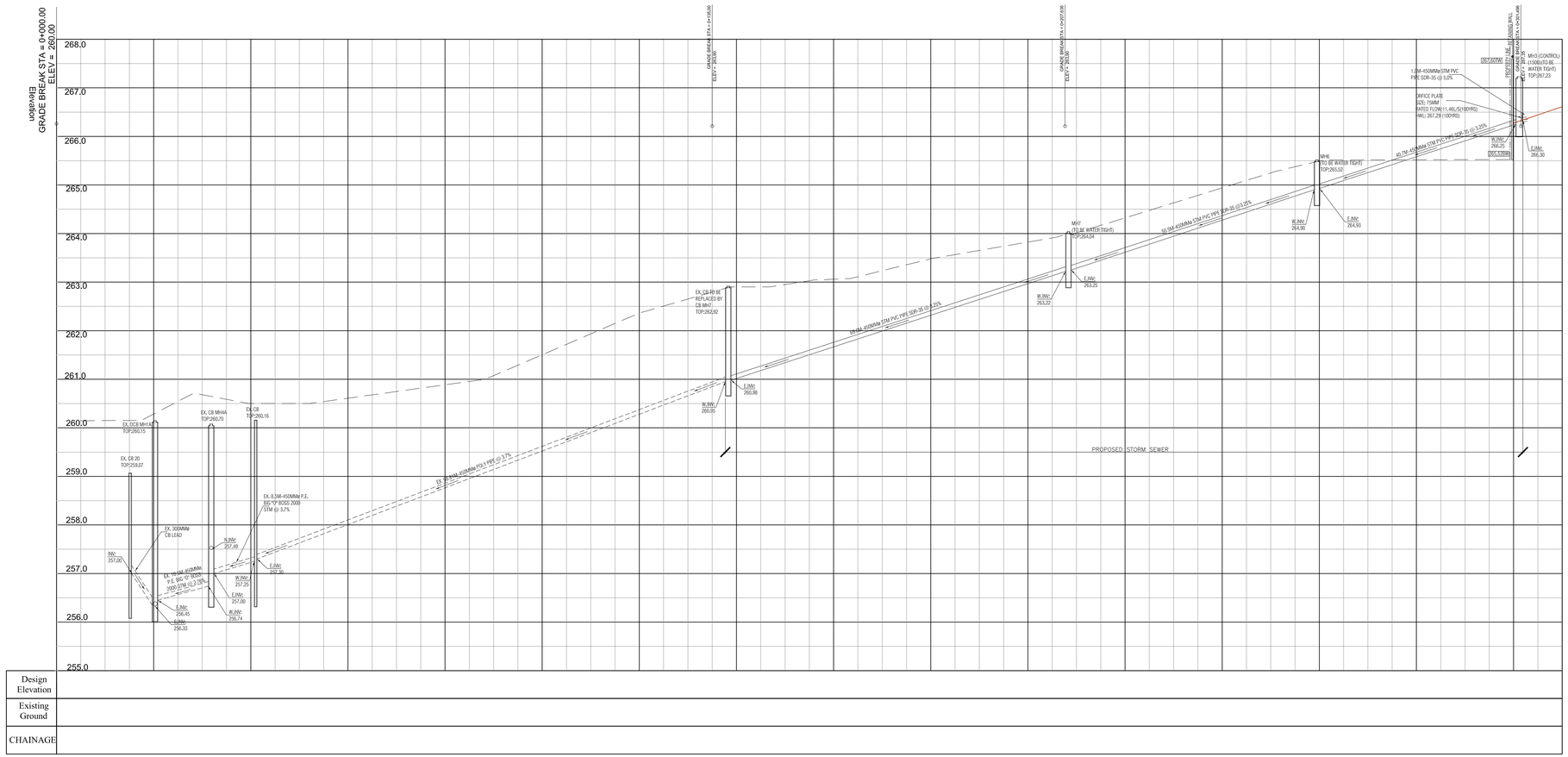
CONDOMINIUM 233,249,261 COLDWATER ROAD, WEST, ORILLIA

DRAWING TITLE:

SIGHT DISTANCE TRIANGLES

DRAWN BY: EH
DATE: 28 SEP. 2022
CHECKED BY: AZ
SCALE:
PROJECT NO.: 21-23
DRAWING NO.: C5





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10JUNE2026
PROVINCE OF ONTARIO

N
DISCOVER NORTH!
PROJECT NORTH

No.	Date	Version	Dwn.
2.	10 JUNE 2026	ISSUED FOR SPA -5	LU
1.	05 FEB 2026	ISSUED FOR SPA -4	LU

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PROJECT:

CONDOMINIUM 233,249,261 COLDWATER ROAD, WEST, ORILLIA

DRAWING TITLE:

PLAN AND PROFILE FOR EXTERNAL AREA UPTO THE WESTMOUNT DR.

DRAWN BY: AB	DATE: 29 MAR. 2022
CHECKED BY: AZ	SCALE: V-1:500 H-1:100
PROJECT NO.: **21-23**	DRAWING NO.: **C6**