

LEGEND

- PROPOSED CATCHBASIN
- ▣ PROPOSED DOUBLE CATCHBASIN
- PROPOSED STORM MANHOLE
- PROPOSED SANITARY MANHOLE
- ⊕ PROPOSED FIRE HYDRANT
- ⊗ PROPOSED VALVE & BOX
- 153.78 PROPOSED FINISHED ELEVATION
- 153.46 EXISTING ELEVATION
- 153.46 EXISTING ELEVATION TO REMAIN
- EXISTING CATCHBASIN
- EXISTING STORM MH
- EXISTING SANITARY MH
- ⊕ EXISTING FIRE HYDRANT
- ⊗ BOREHOLE
- ▤ PROPOSED RETAINING WALL
- 1:3 PROPOSED SLOPE (1:3)
- 1.0% PROPOSED SLOPE
- 2.0% OVERLAND FLOW
- 153.78 FUTURE SLOPE
- 153.78 INTERPOLATED EXISTING GRADE
- 153.78 FUTURE GRADE

1	MAY 11, 2022	NAS/ZJ	ISSUED FOR OPA ZBA
NO.	DATE	BY/DRAWN	REVISIONS
CAD FILE: 1729GS.dwg			PLOT SCALE: 1:1
			PLOT DATE: May 11, 2022

ELEVATION NOTE
 ELEVATIONS ARE OF GEODETIC ORIGIN (CGVD-1928.78), AND ARE DERIVED FROM GNSS OBSERVATIONS AND NATURAL RESOURCES CANADA'S GEOID MODEL HTZ.0.

LOCAL BENCHMARK No. 1
 CUT CROSS IN CONCRETE SIDEWALK, LOCATED AT THE NORTHERN CORNER OF THE INTERSECTION OF CROSS AVENUE AND ARGUS ROAD, AS SHOWN ON THE FACE OF PLAN
 ELEVATION=101.39m

LOCAL BENCHMARK No. 2
 CUT CROSS IN CONCRETE SIDEWALK, LOCATED ON THE SOUTHEASTERN SIDE OF CROSS AVENUE ACROSS FROM NO. 217, AS SHOWN ON FACE OF PLAN
 ELEVATION=100.98m

THE TOPOGRAPHIC DETAIL SHOWN HEREON WAS ACQUIRED ON JANUARY 18, 2022, BY J.D.BARNES LTD., LAND INFORMATION SPECIALISTS

GRADING NOTES

1. SEDIMENT CONTROL MEASURES INCLUDING SILT FENCE AND MUD PAD ETC. SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION, CHECKED AND REPAIRED ON A REGULAR BASIS, AND LEFT IN PLACE UNTIL PAVING AND LANDSCAPING IS COMPLETED. SEDIMENT CONTROL WHEN REMOVED SHALL BE DISPOSED OFF-SITE.
2. ALL TOPSOIL SHALL BE STRIPPED PRIOR TO GRADING.
3. ALL FILL PLACEMENT SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERS RECOMMENDATIONS.
4. RETAINING WALLS WITH A HEIGHT GREATER THAN 0.6m ARE TO BE DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER.
5. ALL DISTURBED AREAS TO BE RESTORED WITH 200mm TOPSOIL AND SOD.
6. ALL DISTURBED AREAS WITH IN PUBLIC R.O.W TO BE REINSTATED TO THE SATISFACTION OF THE ENGINEERING & CONSTRUCTION DEPARTMENT. EXISTING BLVD. AREAS TO BE REINSTATED WITH 200mm TOPSOIL AND SOD.
7. REFER TO GEOTECHNICAL REPORT FOR PAVEMENT STRUCTURE

PAVEMENT STRUCTURE (ABOVE PARKING GARAGE ROOF)

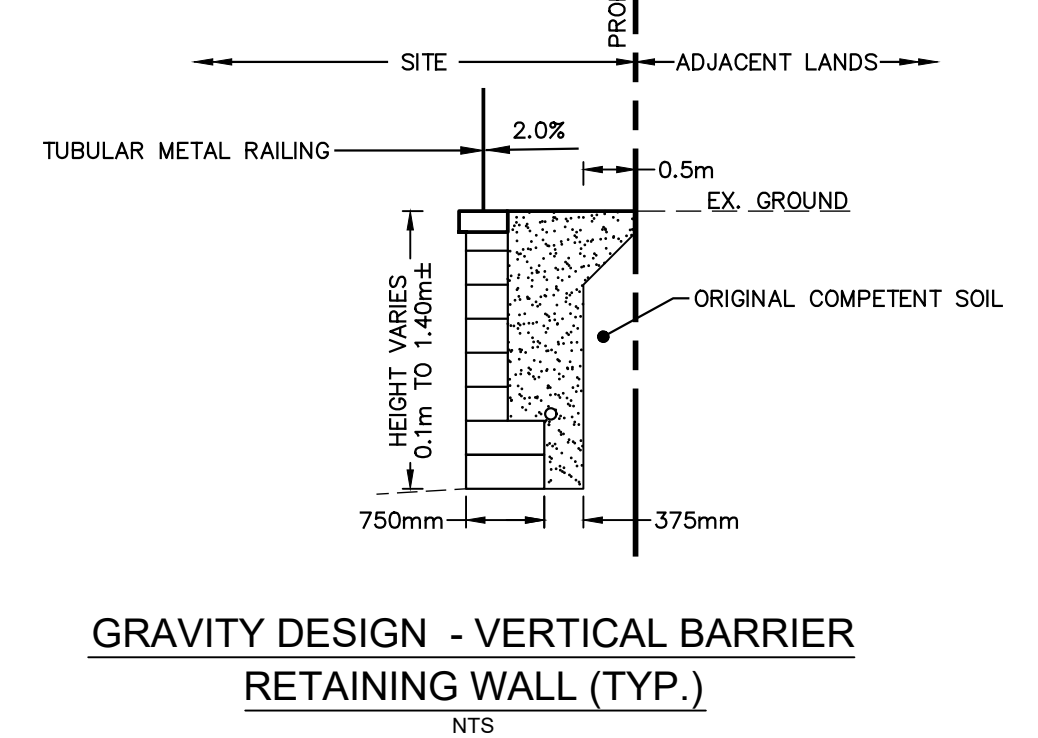
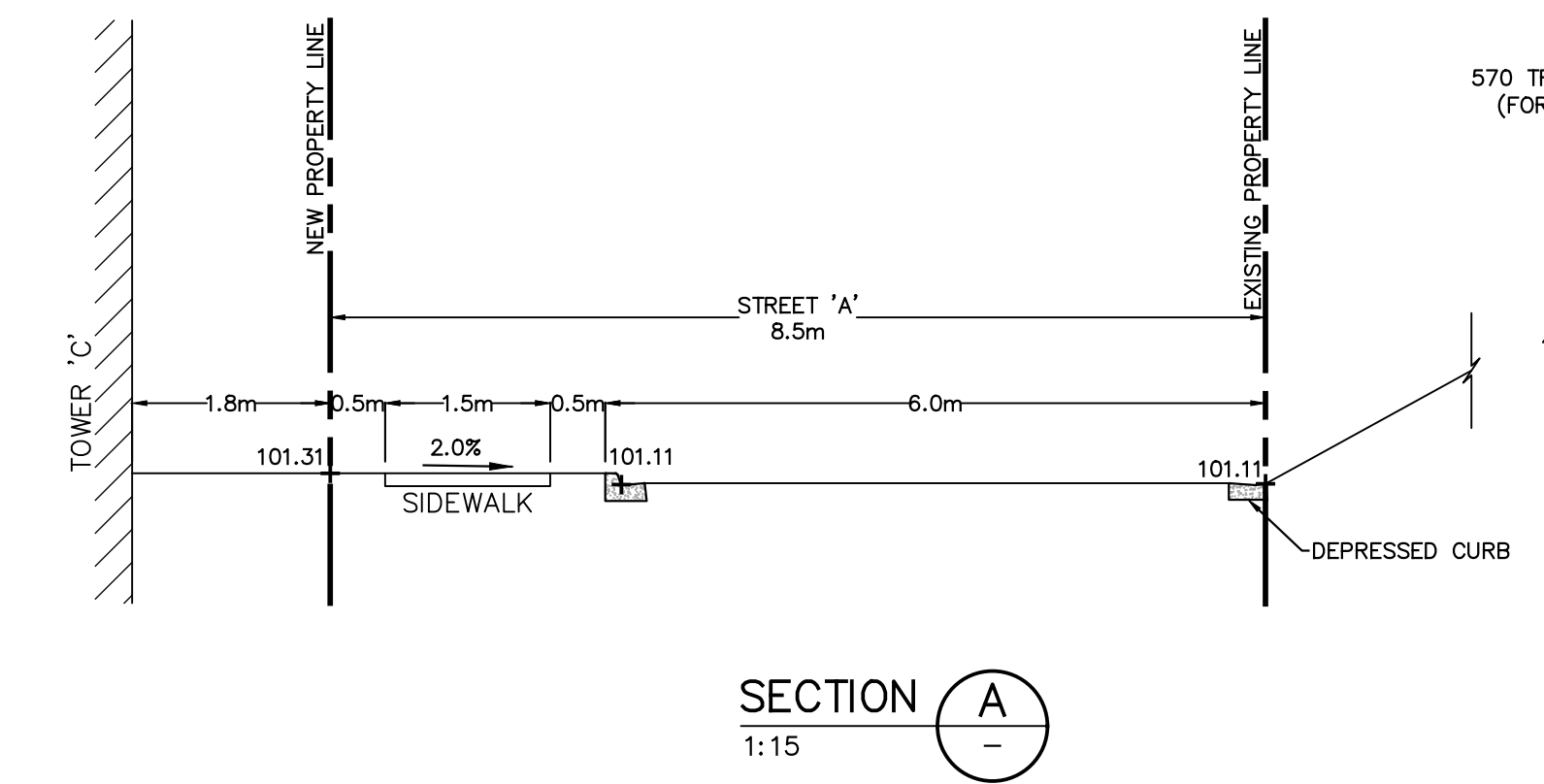
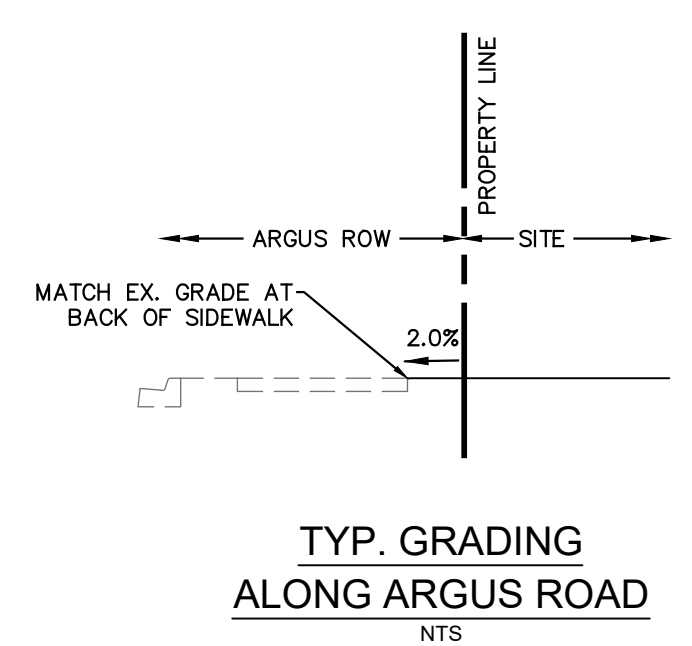
HL-3	40mm
HL-8	40mm
GRANULAR 'A'	75mm (MINIMUM)

PAVEMENT STRUCTURE (ON GRADE AND PRIVATE DRIVEWAY)

HL-3	40mm
HL-8	60mm
19mCRL	
(OR GRANULAR 'A')	150mm
GRANULAR 'B' (TYPE 1)	300mm

STREET 'A' PAVEMENT STRUCTURE

HL-3	40mm
HL-8	50mm
OR GRANULAR 'A'	150mm
GRANULAR 'B'	350mm
(TO BE CONFIRMED BY GEOTECH)	



NOTE:

1. ALL RETAINING WALLS GREATER THAN 1.0m MUST BE DESIGNED BY AN ENGINEER
2. CONTRACTOR TO SUBMIT STAMPED RETAINING WALL DESIGN DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION
3. ALL WALLS GREATER THAN 0.6m IN HEIGHT REQUIRE RAILING ON TOP OF WALL.

DESIGNED BY	APPROVED BY

CONSULTANT

TRAFALGAR ENGINEERING
 81-481 MORDEEN ROAD, OAKVILLE, ON, L6K 3W6
 www.trafalgareng.com

PROJECT TITLE
 ARGUS CROSS
 PROPOSED RESIDENTIAL CONDOMINIUM DEVELOPMENT
 DISTRIKT DEVELOPMENTS

LOCATION
 217-227 CROSS AVE &
 571-587 ARGUS RD.
 OAKVILLE, ONTARIO

DRAWING TITLE
 SITE GRADING PLAN

SCALE	1:400	DESIGN BY	NAS	PROJECT No.	1729
DRAWN BY	ZJ	CHECKED BY	JN	PLAN No.	G1
DATE	2022/01/21	SHEET	1 OF 1		

FILENAME: P:\1729 Cross and Argus Drawings\DWG\1729GS.dwg
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