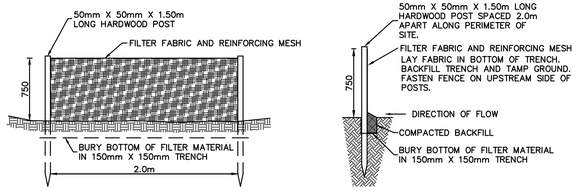
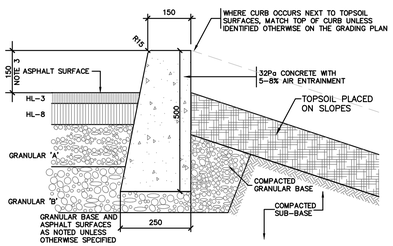


HEAVY DUTY SILT FENCE DETAIL

NOT TO SCALE

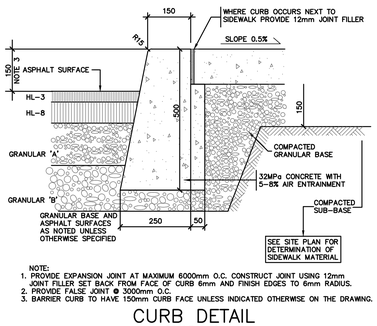
DRIVEWAY/PARKING STRUCTURE
40mm HL3 ASPHALT
50mm HL8 ASPHALT
150mm GRANULAR A
450mm GRANULAR B
GRANULARS COMPACTED TO 100% S.P.M.D.D.



NOTE:
1. PROVIDE EXPANSION JOINT AT MAXIMUM 6000mm O.C. CONSTRUCT JOINT USING 12mm JOINT FILLER SET BACK FROM FACE OF CURB 6mm AND FINISH EDGES TO 6mm RADIUS.
2. PROVIDE FALSE JOINT @ 3000mm O.C.
3. BARRIER CURB TO HAVE 150mm CURB FACE UNLESS INDICATED OTHERWISE ON THE DRAWING.

CURB DETAIL

SCALE 1:10

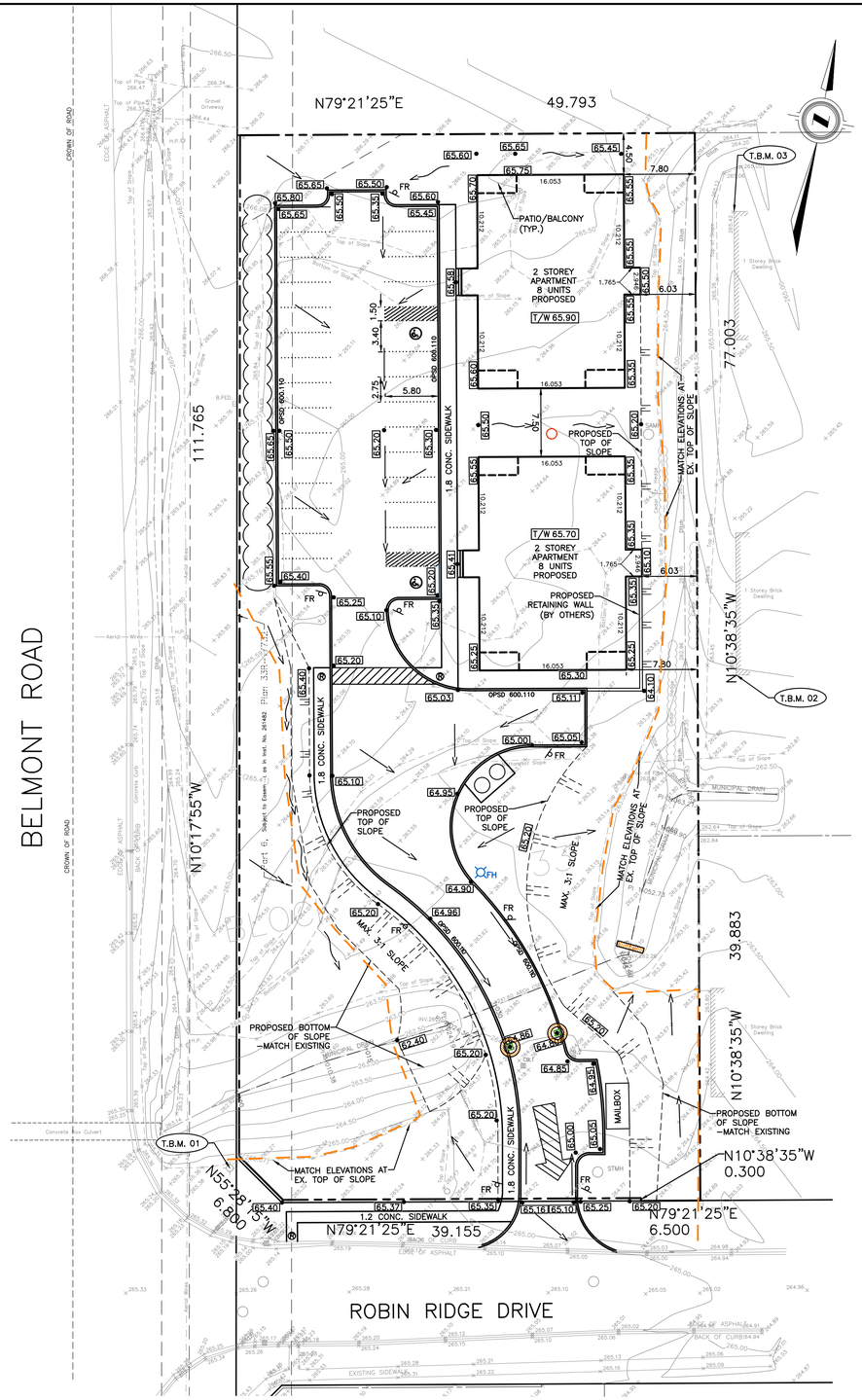


NOTE:
1. PROVIDE EXPANSION JOINT AT MAXIMUM 6000mm O.C. CONSTRUCT JOINT USING 12mm JOINT FILLER SET BACK FROM FACE OF CURB 6mm AND FINISH EDGES TO 6mm RADIUS.
2. PROVIDE FALSE JOINT @ 3000mm O.C.
3. BARRIER CURB TO HAVE 150mm CURB FACE UNLESS INDICATED OTHERWISE ON THE DRAWING.

CURB DETAIL

SCALE 1:10

NOTE:
ADD 200 METRES TO OBTAIN GEODETIC DESIGN ELEVATIONS



LEGEND

- EXISTING SANITARY MANHOLE
- EXISTING CATCHBASIN
- EXISTING STORM MANHOLE
- EXISTING FIRE HYDRANT
- PROPOSED SANITARY MANHOLE
- PROPOSED FIRE HYDRANT AND VALVE (WITH STORZ CONNECTION)
- PROPOSED OVERLAND FLOW ROUTE
- T/W 00.00 — TOP OF FOUNDATION WALL ELEVATION
- U/F 00.00 — UNDERSIDE OF FOOTING ELEVATION
- 00.00 — FINISHED GROUND ELEVATION
- EXISTING ELEVATION (MATCH)
- DIRECTION OF SURFACE DRAINAGE
- PROPOSED SWALE
- PROPOSED SLOPE (MAX 3:1)
- PROPOSED SILT SACK
- PROPOSED STAKED STRAW BALE CHECK DAM
- PROPOSED HEAVY DUTY SILT FENCE
- PROPERTY BOUNDARY
- FIRE ROUTE SIGN

LOT GRADING NOTES:

1. EXISTING DRAINAGE OF ABUTTING LANDS IS NOT TO BE DISTURBED.
2. GROUND ELEVATIONS AT BUILDINGS ABUTTING OVERLAND FLOW ROUTES ARE TO BE 225mm ABOVE OVERLAND FLOW ROUTE ELEVATIONS.
3. ALL ROOF WATER OUTLETS FROM THE PROPOSED BUILDINGS AND DRAINAGE FROM IMPERVIOUS AREAS ARE TO BE DIRECTED TOWARDS THE SITE'S STORM DRAINAGE SYSTEM.
4. NO WEEPING TILE CONNECTIONS WILL BE PERMITTED INTO THE SANITARY SEWERS AND NO DIRECT GRAVITY CONNECTIONS FROM THE WEEPING TILES WILL BE PERMITTED TO THE STORM SEWER SYSTEM UNLESS THE STORM SYSTEM HAS THE CAPACITY TO PROVIDE FOR SUCH CONNECTION TO THE SATISFACTION OF THE MUNICIPALITY'S ENGINEER. HOWEVER, PUMPED CONNECTIONS FROM THE WEEPING TILES TO THE STORM SEWER WILL BE PERMITTED.
5. IF AN EXISTING DRAIN IS ENCOUNTERED DURING CONSTRUCTION CONTACT THE PUBLIC SERVICE DIVISION OF THE MUNICIPALITY'S ENVIRONMENTAL SERVICES DEPARTMENT.
6. BASEMENT OPENINGS TO BE A MINIMUM 300mm ABOVE THE CENTRELINE OF ROAD UNLESS OTHERWISE APPROVED BY THE MUNICIPALITY'S ENGINEER.
7. SUMP PUMP DISCHARGE MUST BE DIRECTED AWAY FROM DRIVEWAYS AND SIDEWALKS.
8. BUILDING OPENINGS TO BE 450mm ABOVE OVERLAND FLOW ROUTES.
9. RETAINING WALLS 1.0m OR GREATER ARE TO BE DESIGNED BY AND CONSTRUCTED TO THE SPECIFICATIONS OF A REGISTERED P. ENG. IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.

SEDIMENT CONTROL MEASURES:

1. PROTECT ALL EXPOSED SURFACES AND CONTROL ALL RUNOFF DURING CONSTRUCTION.
2. ALL EROSION CONTROL MEASURES TO BE IN PLACE BEFORE STARTING CONSTRUCTION, AND REMAIN IN PLACE UNTIL RESTORATION IS COMPLETE.
3. MAINTAIN EROSION CONTROL MEASURES DURING CONSTRUCTION.
4. ALL COLLECTED SEDIMENT TO BE DISPOSED OF AT AN APPROVED LOCATION.
5. MINIMIZE AREA DISTURBED DURING CONSTRUCTION.
6. ALL DEWATERING TO BE DISPOSED OF IN AN APPROVED SEDIMENTATION BASIN.
7. PROTECT ALL CATCH BASINS, MAINTENANCE HOLES, AND PIPE ENDS FROM SEDIMENT INTRUSION USING CATCHBASIN FILTER SACKS OR EQUIVALENT.
8. KEEP ALL SUMPS CLEAN DURING CONSTRUCTION.
9. PREVENT WIND-BLOWN DUST.
10. STRAW BALES TO BE USED IN LOCALIZED AREAS AS SHOWN AND AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION FOR WORKS WHICH ARE IN, OR ADJACENT TO FLOODLINES, FILL LINES AND HAZARDOUS SLOPES.
11. STRAW BALES TO BE TERMINATED BY ROUNDING BALES TO CONTAIN AND FILTER RUNOFF.
12. OBTAIN APPROVAL FROM UTRCA PRIOR TO CONSTRUCTION FOR WORKS WHICH ARE IN OR ADJACENT TO FLOODLINES, FILL LINES AND HAZARDOUS SLOPES.
13. ALL SILT FENCING AND DETAILS ARE AT THE MINIMUM TO BE CONSTRUCTED IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.
14. ALL OF THE ABOVE NOTES AND ANY SEDIMENT AND EROSION CONTROL MEASURES ARE AT THE MINIMUM TO BE IN ACCORDANCE WITH THE MINISTRY OF NATURAL RECOURSES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.

SITE BENCHMARK:

- T.B.M. 01 — TOP SPINDLE OF FIRE HYDRANT Elevation=266.257m
- T.B.M. 02 — TOP OF FOUNDATION UNIT 17 Elevation=263.590m
- T.B.M. 03 — TOP OF FOUNDATION UNIT 18 Elevation=266.017m

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THE PROPOSED GRADING AND APPURTENANT DRAINAGE WORKS COMPLY WITH SOUND ENGINEERING DESIGN AND DRAINAGE PATTERNS ON AND ACROSS THESE LANDS AND THE ADJOINING LANDS OR APPLICABLE BY-LAWS.

METRIC

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

AS CONSTRUCTED SERVICES	COMPLETION

DESIGN	DTW/SPB
DRAWN	AGM
CHECKED	LRG/SPB
APPROVED	SPB
DATE	NOVEMBER 2023

No.	REVISIONS	DATE	BY

CONSULTANT OR DIVISION
AGM PLAN • SURVEY • ENGINEER
ARCHIBALD, GRAY & McKAY ENGINEERING LTD.
3514 WHITE OAK ROAD, LONDON, ON. N6E 2Z9
PHONE 519-685-5300 FAX 519-685-5303
EMAIL info@agm.on.ca WEB www.agm.on.ca

ENGINEER'S SEAL
LICENSED PROFESSIONAL ENGINEER
S P. BROWN
90559702
Nov. 20/23
PROVINCE OF ONTARIO

DOLMAGE DESIGN BUILD INC.

SCALE
SCALE – 1 : 300
3 0 6m

TITLE
ROBIN RIDGE DRIVE
BLOCK 33, PLAN 33M-658

GRADING PLAN

PROJECT No. 1517-1
SHEET No. 02
PLAN FILE No.

Plotted by Steve Brown 2023-11-20 10:48

Plot date: Nov 20, 2023 F:\Projects\B\Belmont(BEL)\BEL\BEL-M658\BEL-M658-01\BEL-M658-01-28\ENG 1517-1\CAD 2019\1517-1 Base.dwg