GENERAL NOTES FOR GRADING

1. ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE OR CATCH BASIN OUTLETS ARE PROVIDED.
2. GRADING IN GRASSED AREAS WILL BE BETWEEN 2% TO 7%. GRADES IN EXCESS OF 7% WILL REQUIRE A MAXIMUM 3:1 TERRACING.

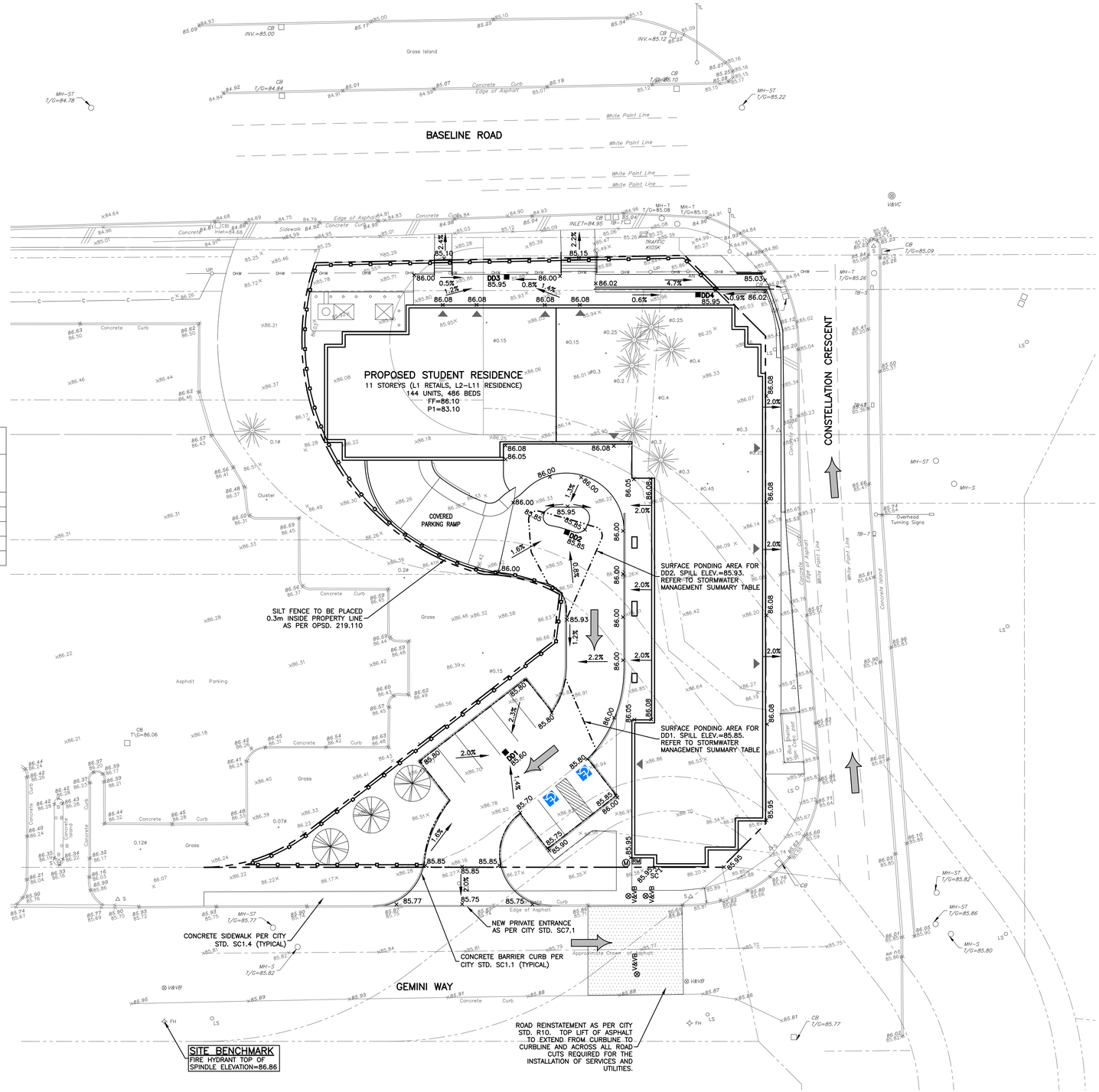
EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION

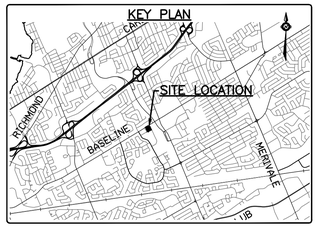
DURING ALL CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION SHALL BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. RE-VEGETATION OF EXPOSED AREAS AS SOON AS POSSIBLE.
3. MINIMIZATION OF AREA TO BE CLEARED AND DISRUPTION TO ADJACENT AREAS.
4. INSTALLATION OF FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND MANHOLES.
5. A VISUAL INSPECTION SHALL BE COMPLETED DAILY ON SEDIMENT CONTROL DEVICES AND ANY DAMAGE REPAIRED IMMEDIATELY. CARE WILL BE TAKEN TO PREVENT DAMAGE DURING CONSTRUCTION OPERATIONS.
6. IN SOME CASES SOME DEVICES MAY BE REMOVED TEMPORARILY TO ACCOMMODATE THE CONSTRUCTION OPERATIONS. THE AFFECTED DEVICES WILL BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED.
7. THE SEDIMENT CONTROL DEVICES WILL BE CLEANED OF ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OF AS PER THE REQUIREMENTS OF THE CONTRACT.
8. DURING THE COURSE OF CONSTRUCTION IF THE ENGINEER BELIEVES THAT ADDITIONAL PREVENTION METHODS ARE REQUIRED TO CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR WILL INSTALL ADDITIONAL METHODS AS REQUIRED TO THE SATISFACTION OF THE ENGINEER.
9. CONSTRUCTION AND MAINTENANCE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROLS TO COMPLY WITH ONTARIO PROVINCIAL STANDARD SPECIFICATION (OPSS) 805, AND CITY OF OTTAWA SPECIFICATIONS.
10. ENTIRE SITE TO BE PROTECTED WITH TEMPORARY FENCING DURING CONSTRUCTION AS PER OPSD. 219.110

STORMWATER MANAGEMENT SUMMARY

CONTROL LOCATION	MAX FLOW (L/s)	STORAGE REQUIRED (m^3)	MAX HEAD (m)	ICD MANUF.
UPPER ROOF AREA	9.5	56.0	0.15	WATTS ACCUTROL
MAIN ENTRANCE CANOPY ROOF AREA	1.9	4.8	0.15	WATTS ACCUTROL
LOWER ROOF AREA	2.2	5.5	0.15	WATTS ACCUTROL
DECK DRAIN 1 (DD1)	4.0	21.0	0.25	WATTS ACCUTROL
DECK DRAIN 2 (DD2)	4.0	5.0	0.15	WATTS ACCUTROL





EXISTING LEGEND

- SURVEY MONUMENT PLANTED
- SURVEY MONUMENT FOUND
- OHW — OVERHEAD WIRES
- UP — UTILITY POLE
- LS — LIGHT STANDARD
- CB — CATCH BASIN
- T/G — TOP OF GRATE
- GM — GAS METER
- TB-T — TRAFFIC CONTROL BOX
- MH-T — TRAFFIC MANHOLE
- MH-ST — STORM SEWER MANHOLE
- MH-S — SANITARY SEWER MANHOLE
- V&VB — WATER VALVE AND VALVE BOX
- FH — FIRE HYDRANT
- EXISTING TREES/SHRUBS
- B — BOLLARD
- BF — BOARD FENCE
- 85.00 — LOCATION OF ELEVATIONS
- 85.00 — TOP OF CURB ELEVATION
- WRW — WOODEN RETAINING WALL
- C/L — CENTRELINE

PROPOSED LEGEND

- PROPERTY LINE
- DD1 — PROPOSED DECK DRAIN
- V&VB — PROPOSED WATER VALVE & VALVE BOX
- M — PROPOSED WATER METER
- RM — PROPOSED REMOTE WATER METER
- SC — PROPOSED SIAMESE CONNECTION
- FF= — FINISHED FLOOR ELEVATION
- P1 — PARKING LEVEL 1
- 3.0% — PROPOSED SLOPE & DIRECTION OF FLOW
- + 70.91 — PROPOSED GRADE
- T/G= — TOP OF GRATE
- OVERLAND FLOW ROUTE
- PROPOSED BUILDING ENTRY/EXIT
- DC — DEPRESSED CURB/SIDEWALK
- PROPOSED SILT FENCE
- STORMWATER SURFACE STORAGE

CAUTION
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOT FOR CONSTRUCTION

REV	REVISION DESCRIPTION	DATE	BY	APPD
2	ISSUED FOR SITE PLAN APPROVAL	24/05/18	SAB	BMT
1	ISSUED FOR CLIENT REVIEW	23/05/18	SAB	BMT

SCALE: 0 2m 4m 10m — HORIZONTAL 1:250
NORTH
DESIGNED BY
REVIEWED BY
LICENSED PROFESSIONAL ENGINEER — B. M. THOMAS — 2018-05-24 — PROVINCE OF ONTARIO

CLIENT
BASELINE CONSTELLATION PARTNERSHIP INC.
THEBERGE HOMES — 904 LADY ELLEN PLACE, OTTAWA, ON. K1Z 5L5
MASTERCRAFT STARWOOD — 115 CHAMPAGNE AVE. SOUTH, OTTAWA, ON. K1S 5V5

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BASEPLAN	SAB
DESIGN	JLF
CHECKED	BMT
CAD	SAB
PROJECT MANAGER	BMT
APPROVED	BMT

PROJECT: OTTAWA STUDENT RESIDENCE
2140 BASELINE ROAD
OTTAWA, ONTARIO.

TITLE: GRADING AND EROSION AND SEDIMENT CONTROL PLAN

PROJECT No.	OTT-00245012-A0
SURVEY	FSD
DATE	APRIL 2018
DRAWING No.	C2

Filename: J:\Ottawa\Work\245000\245012\A0_2140 baseline road - theberge\05-execution\04-dwg\245012-dgn.dwg
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