

The Contractor shall verify and be responsible for all dimensions, DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

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**Figure 1: Symbols for stormwater management features.**

- AREA ID**: Represented by a circle containing the text "L101A". Below the circle, two values "1.00" and "0.85" are shown, representing runoff coefficients.
- RUNOFF COEFFICIENT**: Indicated by the values "1.00" and "0.85" within the area ID circle.
- STORM DRAINAGE AREA Ho.**: Represented by a solid horizontal line.
- STORM DRAINAGE BOUNDARY**: Represented by a dashed horizontal line.
- MAXIMUM STATIC PONDING LIMITS**: Represented by a horizontal line with a stippled pattern above it.
- DIRECTION OF OVERLAND FLOW**: Represented by a solid black arrow pointing to the right.
- PROPOSED STORM SEWER**: Represented by a small open circle.
- PROPOSED CATCHBASIN**: Represented by a small circle with a cross inside.
- INLET CONTROL DEVICE (SEE ICD TABLE ON THIS PLAN)**: Represented by a small circle with a cross inside and a vertical line passing through the center.
- EXISTING STORM SEWER**: Represented by a dashed horizontal line.
- EXISTING CATCHBASIN**: Represented by a small solid square.
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.**: Represented by a rectangle with diagonal hatching.

| Structure ID | ICD Type        | ICD Size | 100yr Flow (L/s) | 100yr Head (m) |
|--------------|-----------------|----------|------------------|----------------|
| 202A         | IPEX Tempest HF | 152mm    | 33.9             | 0.83           |
| 202B         | IPEX Tempest HF | 152mm    | 46.5             | 1.39           |
| 202C         | IPEX Tempest HF | 152mm    | 56.4             | 1.59           |

|          |                                       |    |                |
|----------|---------------------------------------|----|----------------|
|          |                                       |    |                |
|          |                                       |    |                |
|          |                                       |    |                |
|          |                                       |    |                |
| 0        | 1ST SUBMISSION FOR SITE PLAN APPROVAL | JP | SG 25.05.13    |
| Revision |                                       | By | Appd. YY.MM.DD |

|                                  |      |       |       |          |
|----------------------------------|------|-------|-------|----------|
| File Name: 160402143-HMBS-PH7-DB | JP   | SG    | JP    | 25.04.17 |
|                                  | Dwn. | Chkd. | Psan. | YY.MM.DD |

Permit-Seal



Client/Project  
Mattamy Homes

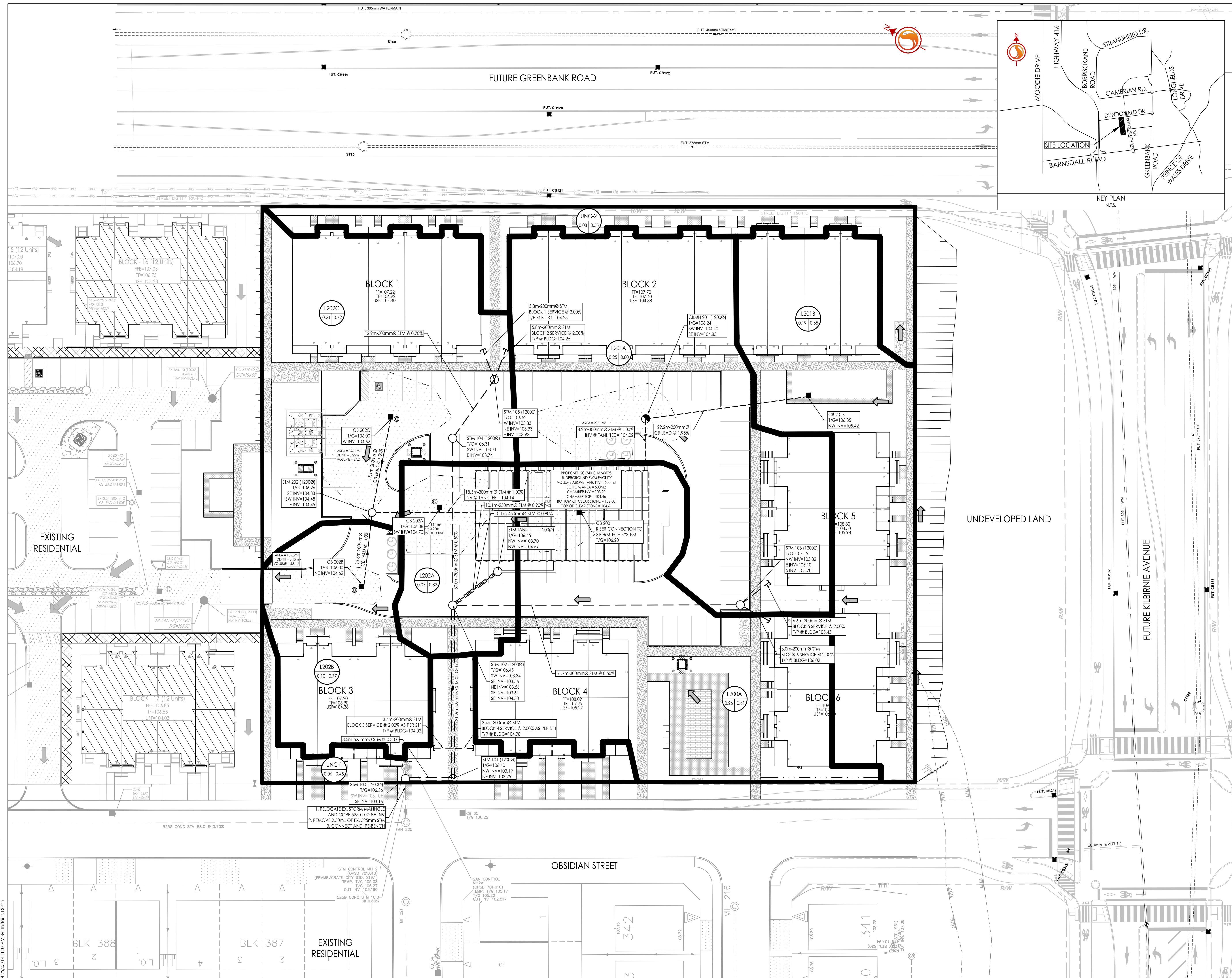
HMB PHASE 7

OTTAWA, ON

Title  
STORM DRAINAGE PLAN

|             |                    |
|-------------|--------------------|
| Project No. | Scale              |
| 160402143   | 0 3 9 15m<br>1:300 |
| Drawing No. | Sheet              |
|             | Revision           |

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2025/05/14 11:37 AM By: Thiffault, Dustin

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