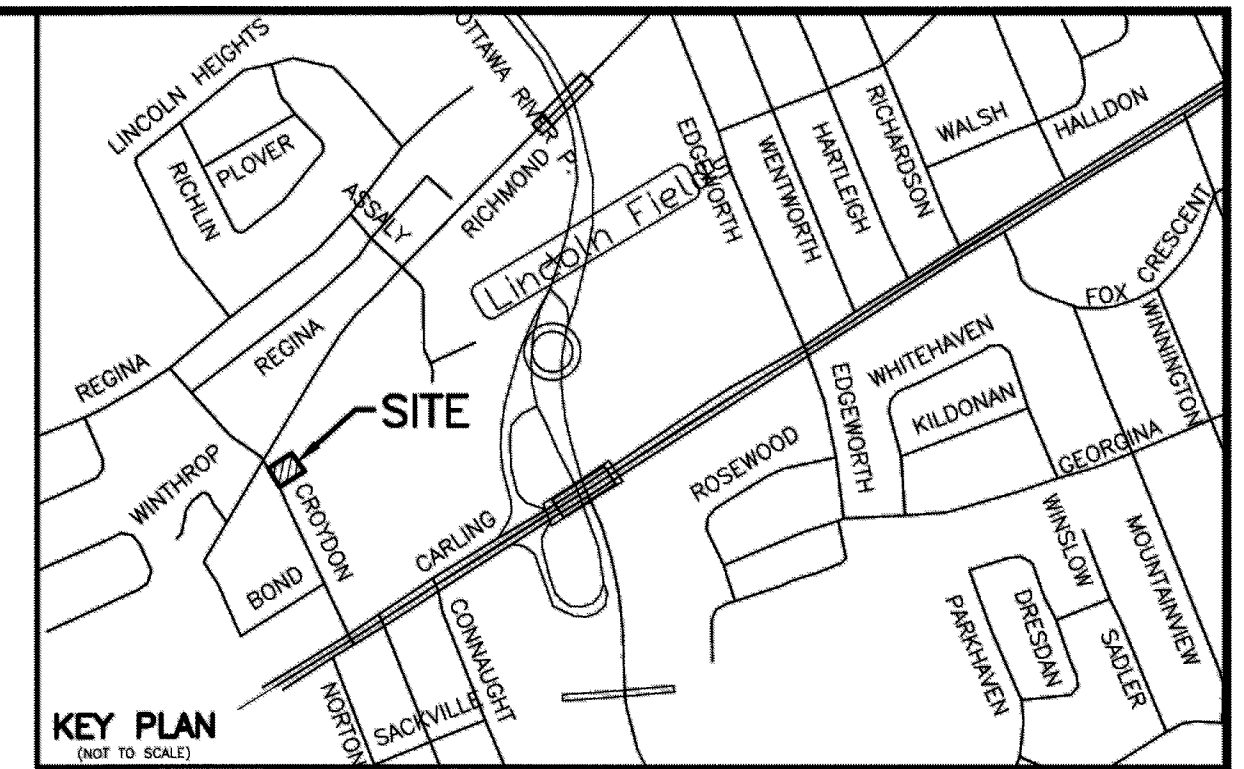
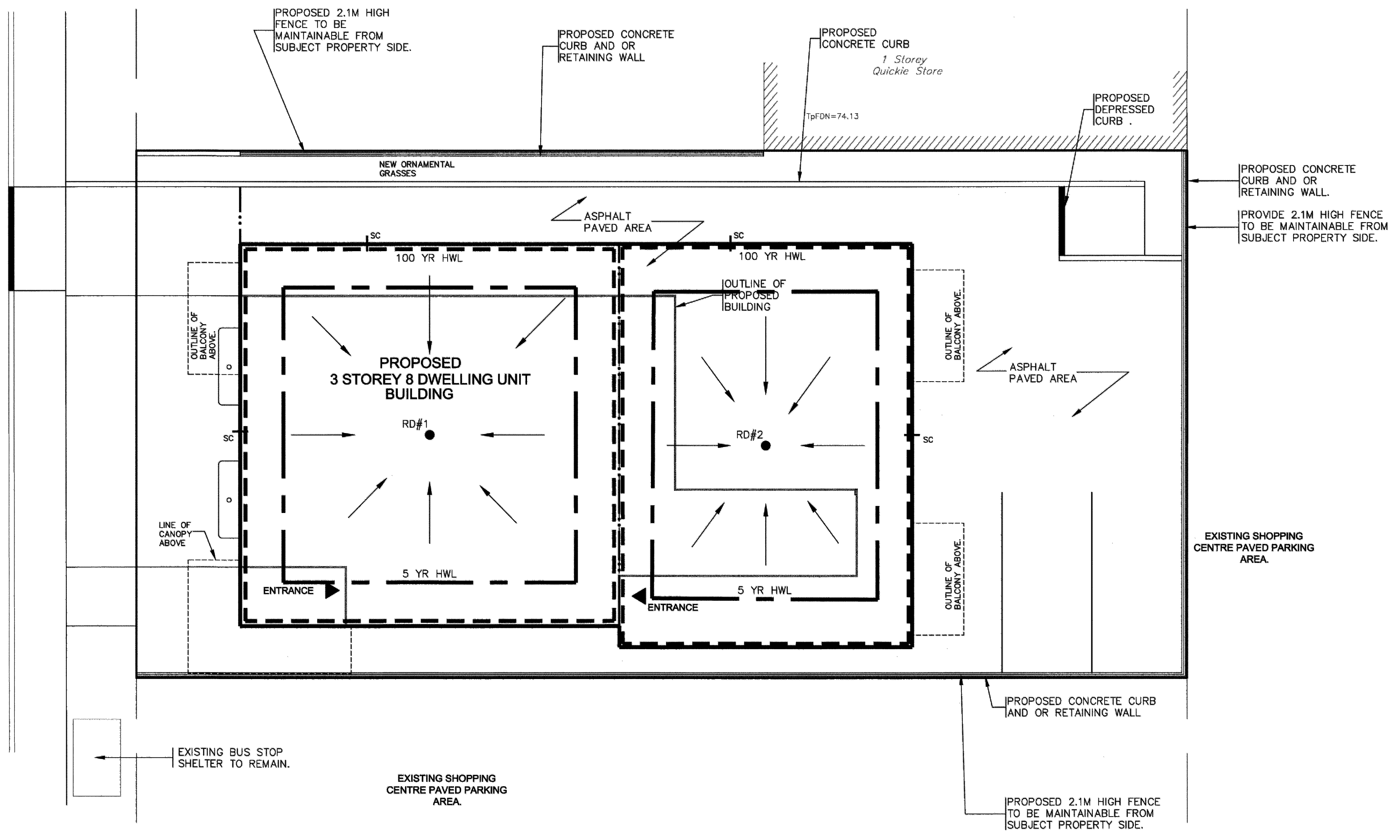


Local Benchmark  
2 Nails on Utility Pole  
Elevation=74.974



Centreline of Road

CROYDON AVENUE



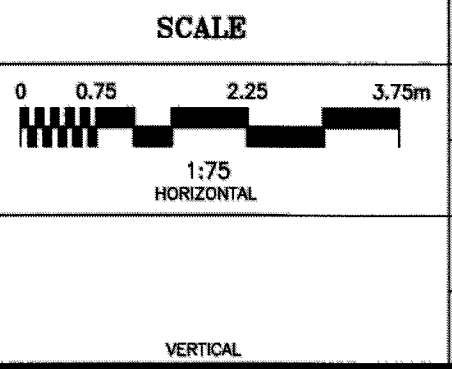
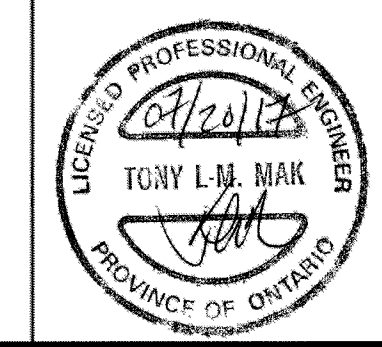
**LEGEND**

- 100 YR HIGH WATER LEVEL (150mm ABOVE THE ROOF DRAIN)
- - - 5 YR HIGH WATER LEVEL (120mm ABOVE THE ROOF DRAIN)
- RD PROPOSED ROOF DRAIN LOCATION
- SC PROPOSED ROOF SCUPPER LOCATION
- PROPOSED ROOF SURFACE DRAINAGE FLOW DIRECTION
- PROPOSED HIGH RIDGE LINE

**NOTES**

1. STORMWATER MANAGEMENT NOTES
  - EACH ROOF DRAIN SHALL BE SIZED FOR A RELEASE RATE OF 10 U.S. GAL/MIN. OR 0.63 L/S. THE OWNER'S MECHANICAL ENGINEER SHALL SPECIFY THE REQUIRED ROOF DRAIN TYPE AND MODEL No. AND PROVIDE THE NECESSARY INFORMATION TO THE CITY OF OTTAWA FOR THEIR RECORDS TO ENSURE PROPER RELEASE RATE FOR STORMWATER MANAGEMENT COMPLIANCE.
  - ROOF PITCH IS ASSUMED TO HAVE 2% (MIN.) SLOPE.
  - ROOF SCUPPERS ARE RECOMMENDED TO BE INSTALLED 0mm ABOVE EDGE OF ROOFTOP ELEVATION FOR EMERGENCY OVERFLOW PURPOSES AT ROOF AREA #1 TO #2 INCLUSIVE.
  - SEE STORM DRAINAGE REPORT No. R-817-21 DATED JUNE 2017 FOR DETAILS ALSO.
2. PROPOSED ROOF DRAINS AND SCUPPER LOCATIONS SHOWN ON THIS PLAN SHALL BE REVIEWED BY THE OWNER AND OWNER'S HOUSE DESIGNER FOR APPROVAL.
3. THE OWNER'S HOUSE DESIGNER AND STRUCTURAL ENGINEER SHALL ENSURE THAT THE ADDITIONAL STORMWATER STORAGE VOLUME FROM STORMWATER MANAGEMENT MEASURES ARE ACCOUNTED FOR IN THE STRUCTURAL DESIGN OF AND WATERPROOFING OF ROOF AREA #1 TO #2 INCLUSIVE AND ANY OF THE SUPPORTING STRUCTURES THAT MAY BE AFFECTED BY THE STORED WATER.
4. ROOF DRAIN #1 TO #2 INCLUSIVE SHALL OUTLET INTO THE DESIGNATED 125mm PVC STORMWATER PIPE AS SHOWN ON THIS DRAWING. THE BUILDING WEEPING TILE WATER WILL OUTLET TO A SEPARATE 100mm PVC STORM LATERAL AS SHOWN ON THIS DRAWING.
5. FOR GRADING AND SERVICING DETAILS OF THIS SITE, REFER TO DWG. No. 817-21, G-1.

NO.	REVISION	DATE	BY
1	REVISIONS AS PER LATEST REVISED SITE PLAN OF JULY 14, 2017	07/20/17	TLM



DESIGN	T.L.M.
CHECKED	T.L.M.
DRAWN BY	G.U.
CHECKED	T.L.M.
APPROVED	T.L.M.

PROJECT  
351 CROYDON AVE  
LOT 47  
REGISTERED PLAN 348  
CITY OF OTTAWA

DRAWING TITLE  
**PROPOSED ROOF TOP STORM WATER  
MANAGEMENT PLAN**

**T.L. MAK ENGINEERING CONSULTANTS LTD.**  
CONSULTING ENGINEERS

PROJECT No. 817-21    DATE MAY 2017    DRAWING No. S-1