

SITE PLAN APPLICATION
383 COMMERCIAL STREET
WRITTEN SUBMISSION L – STORMWATER MANAGEMENT

THE EXISTING 2.58 ACRE SITE IS ALMOST ENTIRELY OCCUPIED BY EXISTING BUILDINGS AND PAVED AREAS, EXCEPT FOR THE AREA IMMEDIATELY ADJACENT TO HIGH STREET. THE POST – DEVELOPMENT IMPERVIOUS AREA WILL BE APPROXIMATELY THE SAME AS THE EXISTING CONDITION.

AS REQUIRED BY THE CITY TECHNICAL STANDARDS , 50 % OF THE REDEVELOPED IMPERVIOUS AREAS WILL BE COLLECTED AND TREATMENT WILL BE PROVIDED MEETING MDEP CHAPTER 500 STANDARDS. TREATMENT WILL BE PROVIDED USING SUBSURFACE STORMTECH CHAMBERS BELOW THE GROUND LEVEL PARKING GRAGE. DURING PHASE ONE AND PHASE TWO, 50 % OF THE SURFACE PARKING AREAS WILL BE TREATED USING AN UNDERDRAINED SOIL FILETER POND.

IN ACCORDANCE WITH A MEETING WITH BRAD ROLAND, THE STORM DRAIN OUTFALL FROM PHASE ONE WILL BE DIRECTED TO THE MUNICIPAL SYSTEM IN MAPLE STREET, WHICH EVENTUALLY CROSSES COMMERCIAL STREET AND DAYLIGHTS TO THE FORE RIVER.

THE STORM DRAIN OUTFALL FROM PHASE TWO AND THREE WILL BE DIRECTED TO THE MUNICIPAL SYSTEM IN HIGH STREET, WHICH EVENTUALLY CROSSES COMMERCIAL STREET AND DAYLIGHTS TO THE FOR RIVER.

A SCHEMATIC DESIGN FOR THE STORMWATER INFRASTRUCURE IS INCLUDED IN PLAN SUBMISSION – PLAN 6 – UTILITY PLAN AND PLAN SUBMISSION – PLAN 5D – PHASE ONE SITE PLAN .