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Legend

- BLDG AREA ID
- 1.00 0.90 RUNOFF COEFFICIENT
- STORM DRAINAGE AREA h/a
- STORM DRAINAGE BOUNDARY
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN
- EXISTING STORM SEWER
- PROPOSED DOOR LOCATIONS
- INSULATION AS PER CITY STD W22
- DIRECTION OF OVERLAND FLOW
- MAXIMUM STATIC PONDING LIMITS
- CATCHBASIN TO BE INSTALLED WITH CIRCULAR ORIFICE (SEE DWG SD-1)

Notes

Revision	By	Appd.	YY.MM.DD
5	WAJ	KJK	23.01.16
4	WAJ	KJK	22.08.24
3	WAJ	KJK	22.04.22
2	WAJ	AMP	22.02.17
1	WAJ	AMP	20.07.17

File Name: 160401518-DB

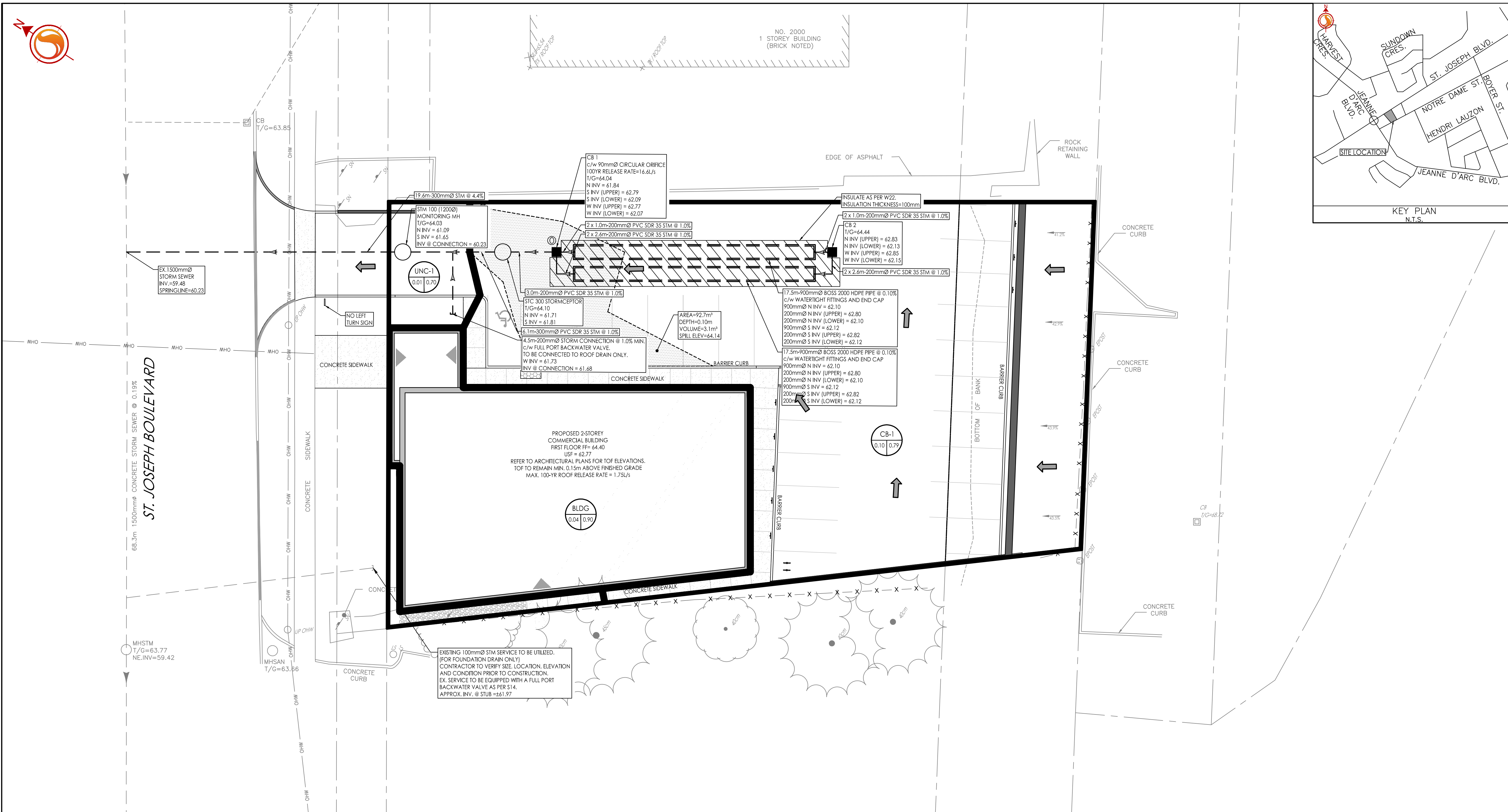
Permit-Seal

Client/Project
PULICKAL HOLDINGS INC.

TWO STOREY COMMERCIAL BUILDING
1994 ST-JOSEPH BLVD.
OTTAWA, ON

Title
STORM DRAINAGE PLAN

Project No. 160401518
Drawing No. SD-1
Scale 1:150
Sheet 5 of 5
Revision 5
PLAN No. 18575



SCHEDULE OF ROOF RELEASE RATES

DRAINAGE AREA ID	DRAIN TYPE	# DRAINS	100 YEAR HEAD (m)	100 YEAR RELEASE RATE (L/s)
BLDG	WATTS ACC/FLOW (25% OPEN)	2	0.13	1.75

SCHEDULE OF INLET CONTROL DEVICES

CATCHBASIN ID	AREA ID	TYPE	100YR HEAD (m)	100YR RELEASE RATE (L/s)
CB 1	CB-1	90mmØ CIRCULAR ORIFICE	0.87	16.6

EXISTING 100mmØ STM SERVICE TO BE UTILIZED FOR FOUNDATION DRAIN ONLY. CONTRACTOR TO VERIFY SITE LOCATION, ELEVATION AND CONDITION PRIOR TO CONSTRUCTION. EX. SERVICE TO BE EQUIPPED WITH A FULL PORT BACKWATER VALVE AS PER S14. APPROX. INV. @ STUB = ±61.97

PROPOSED 2-STOREY COMMERCIAL BUILDING FIRST FLOOR FF = 64.40
USF = 62.77
REFER TO ARCHITECTURAL PLANS FOR TOF ELEVATIONS. TOF TO REMAIN MIN. 0.15m ABOVE FINISHED GRADE. MAX. 100-YR ROOF RELEASE RATE = 1.75L/s

ST. JOSEPH BOULEVARD