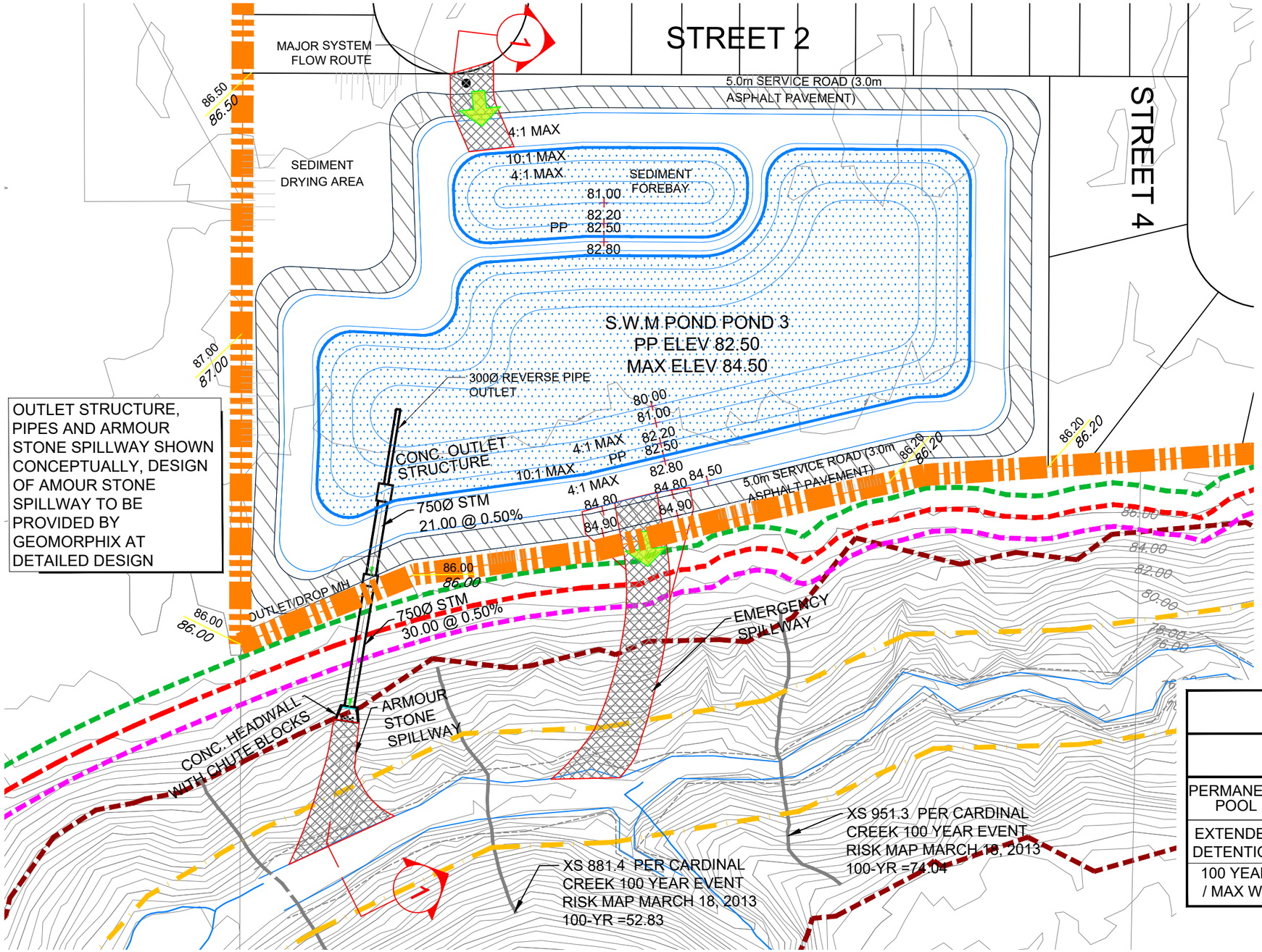

OUTLET STRUCTURE, PIPES AND ARMOUR STONE SPILLWAY SHOWN CONCEPTUALLY, DESIGN OF AMOUR STONE SPILLWAY TO BE PROVIDED BY GEOMORPHIX AT DETAILED DESIGN

REFER TO DWG 9 FOR SECTION 1-1

NOTE: SOUTH TRIBUTARY HAZARD LIMITS PER PATERSON GROUP (PROJ# PG5201-1 DATED NOVEMBER 13, 2023

LEGEND

- 30m SETBACK FROM NHWM
- EROSION ACCESS ALLOWANCE
- TOE EROSION ALLOWANCE/ LIMIT OF HAZARD LANDS
- STABLE SLOPE ALLOWANCE
- MEANDER LIMIT
- MAJOR SYSTEM FLOW
- OVERLAND FLOW ROUTE

POND CHARACTERISTICS

	LOWER ELEVATION (m)	UPPER ELEVATION (m)	VOLUME REQUIRED (m^3)	VOLUME PROVIDED (m^3)
PERMANENT POOL	80.00	82.50	5,716	12,956
EXTENDED DETENTION	82.50	83.40	1,302	8,561
100 YEAR / MAX WL	82.50	84.50	21,198	21,198

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SWM POND
CARDINAL CREEK VILLAGE SOUTH

PROJECT No.:	19-1153
SCALE:	1:1000
DATE:	NOVEMBER 2024
FIGURE:	8