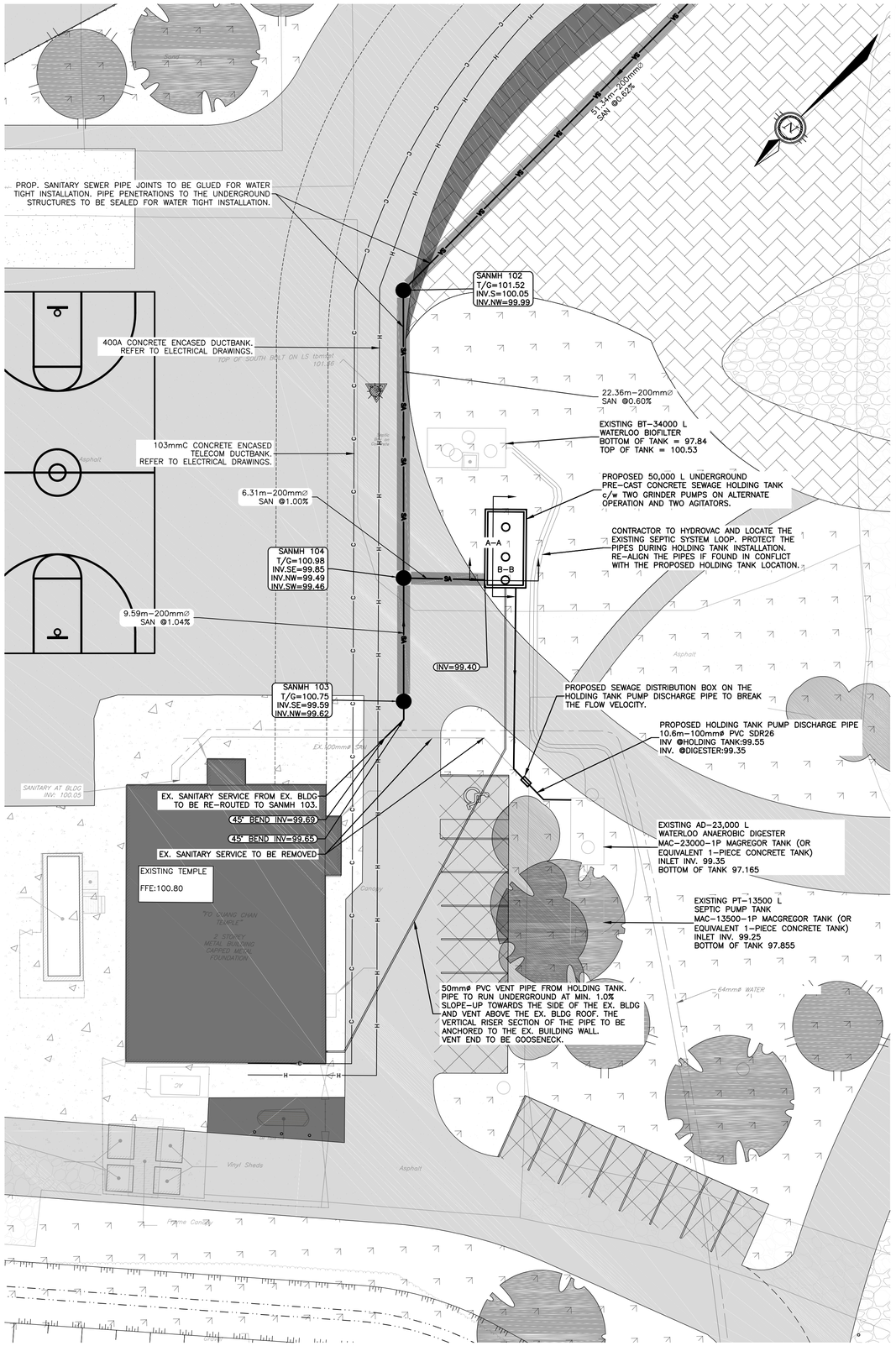

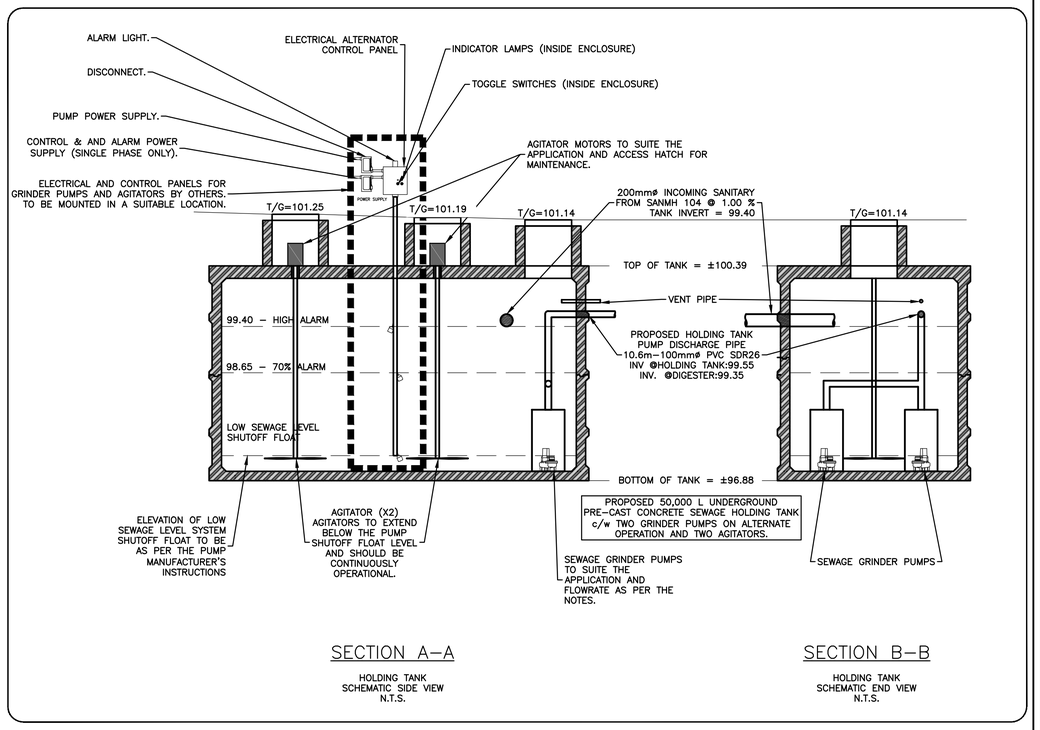

GENERAL NOTES SEPTIC

1. GRINDER PUMPS SUPPLY RATE TO BE MAX. 9,999 L/DAY TOTAL WITH THE DOSING CYCLE TO MATCH THE EXISTING PUMPS WITHIN THE PUMP TANK. GRINDER PUMP MAKE AND MODEL TO BE SELECTED BY THE SEPTIC INSTALLER TO SUITE THE APPLICATION. SELECTION PRODUCT TO BE APPROVED BY THE CONSULTANT.
2. BOTH GRINDER PUMPS IN THE HOLDING TANK SHOULD OPERATE ALTERNATIVELY AT EACH CYCLE.
3. HOLDING TANK TO BE MOUNTED WITH FLOAT ALARMS AT 30,000 L (1.9m) AND 40,000 L (2.5m). THE ALARMS SHOULD BE MOUNTED WITHIN THE BUILDING IN BUILDING MANAGER'S OFFICE OR OTHER APPROPRIATE LOCATION.
4. AUTOMATIC PUMP SHUTOFF FLOAT FOR LOW SEWAGE LEVELS TO BE PROVIDED IN THE HOLDING TANK. ELEVATION TO BE AS PER THE GRINDER PUMP MANUFACTURER'S INSTRUCTIONS.
5. TWO AGITATORS TO BE MOUNTED IN THE HOLDING TANK TO PREVENT SETTLING OF THE SOLIDS. MAKE AND MODEL OF THE AGITATORS TO BE SELECTED BY THE SE[TIC INSTALLER TO SUITE THE APPLICATION. SELECTED PRODUCT TO BE APPROVED BY THE CONSULTANT. ACCESS HATCH TO BE PROVIDED FOR THE AGITATOR MOTORS.
6. FOR GRINDER PUMP AND AGITATORS PANEL AND ELECTRICAL SUPPLY INFORMATION, REFER TO ELECTRICAL DRAWINGS.
7. HOLDING TANK TO BE WATER PROOFED INCLUDING ALL JOINTS PRIOR TO INSTALLATION AS PER THE MANUFACTURER'S INSTRUCTIONS. PIPE PENETRATIONS THROUGH THE HOLDING TANK WALLS TO BE WATERPROOFED BY APPROPRIATE LINK SEAL PRODUCT.
8. HOLDING TANK TO BE CLEANED ONCE A YEAR.
9. A DISTRIBUTION BOX TO BE MOUNTED ON THE HOLDING TANK PUMP DISCHARGE PIPE BEFORE IT DISCHARGES INTO THE ANAEROBIC DIGESTER TANK TO BREAK THE FLOW VELOCITY.
10. ANCHORING OF THE HOLDING TANK TO PREVENT UPLIFT FROM GROUNDWATER TO BE AS PER MANUFACTURER'S INSTRUCTIONS.
11. AIR VENT PIPE FROM THE HOLDING TANK SHOULD SLOPE UP AT MIN. 1.0% TOWARDS THE EXISTING BUILDING. THE VERTICAL SECTION OF THE VENT PIPE SHOULD BE BRACED ON THE EX. BUILDING WALL. VENT PIPE TO HAVE GOOSE NECK END ABOVE THE EXISTING BUILDING ROOF.
12. ACCESS HATCHES TO BE COMPLETE WITH ADJUSTMENT RINGS AND OPSD 401.01A MANHOLE COVER.

APPROVED
By Adam Brown at 12:43 pm, Feb 18, 2026

ADAM BROWN
MANAGER, DEVELOPMENT REVIEW - RURAL
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

LEGEND

- PROPERTY LINE
- EXISTING ℄ OF ROAD
- EXISTING FEATURE (COVER NOTED)
- EXISTING ELEVATION (95.06)
- EXISTING GRAVEL
- EXISTING ASPHALT
- EXISTING WATERLINE
- EXISTING SANITARY FORCEMAIN
- EXISTING FIRE HYDRANT
- PROPOSED SOFT LANDSCAPING, REFER TO LANDSCAPE PLAN
- PROPOSED HEAVY–DUTY ASPHALT
- PROPOSED LIGHT–DUTY ASPHALT
- PROPOSED GRAVEL
- PROPOSED HEAVY DUTY PAVERS WITHIN FIRE LANE
- PROPOSED PAVERS/INTERLOCK, REFER TO LANDSCAPE PLANS
- PROPOSED TERRACING (3:1 MAX)
- PROPOSED SWALE/DITCH ℄
- PROPOSED SANITARY SEWER (SA)
- PROPOSED WATERMAIN
- PROPOSED STORM CULVERT
- PROPOSED RIGID INSULATION AS PER CITY OF OTTAWA STD. S35
- PROPOSED WATER WELL (W)
- PROPOSED SANITARY MANHOLE
- APPROXIMATE EX. MUNSTER–RICHMOND 200mmø PE SANITARY FORCEMAIN
- PROPOSED BOLLARD

JOB BENCH MARK JBM ▲
TEMPORARY SITE BENCHMARK – TOP OF SOUTH BOLT ON LAMP STANDARD, HAVING AN ELEVATION OF 101.36m.

ELEVATIONS ARE CANADA GEODETIC VERTICAL DATUM 28/78 DERIVED BY REAL TIME NETWORK GNSS OBSERVATIONS REFERENCED TO THE CANADA HT_2 GEOID MODEL.

COORDINATES DERIVED BY REAL TIME NETWORK GNSS OBSERVATIONS AND ARE REFERRED TO THE NAD83 CSRS (ORIGINAL) MTM ZONE 9 COORDINATE SYSTEM.

LOT 19 CONCESSION 3. PART 1 PLAN 4R–7040. P.I.N. 03933–1060(LT)

CSRS SURVEY MONUMENT: NOT APPLICABLE.

REV	REVISION DESCRIPTION	DATE	BY	APPD
2	RE–ISSUED FOR SPA	06/06/25	AKJ	AKJ
1	ISSUED FOR SPA	02/04/25	AKJ	AA

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A. K. JARIWALA
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2025/06/06
PROVINCE OF ONTARIO

project title
IBPS FO GUAN SHAN TEMPLE
6688 FRANKTOWN ROAD
OTTAWA, ONTARIO.

drawing title
SEWAGE HOLDING TANK PLAN AND DETAILS

survey
BY McINTOSH PERRY, DATED AUGUST 25, 2023

date	01/04/2024	job. no.	OTT–22027645–A0
scale	1:200		
drawn	AKJ	drawing no.	C101
approved	AKJ		
plot date/time	6/6/2025 2:31:08 PM		

CAUTION
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

D07-12-18-0115

#19269