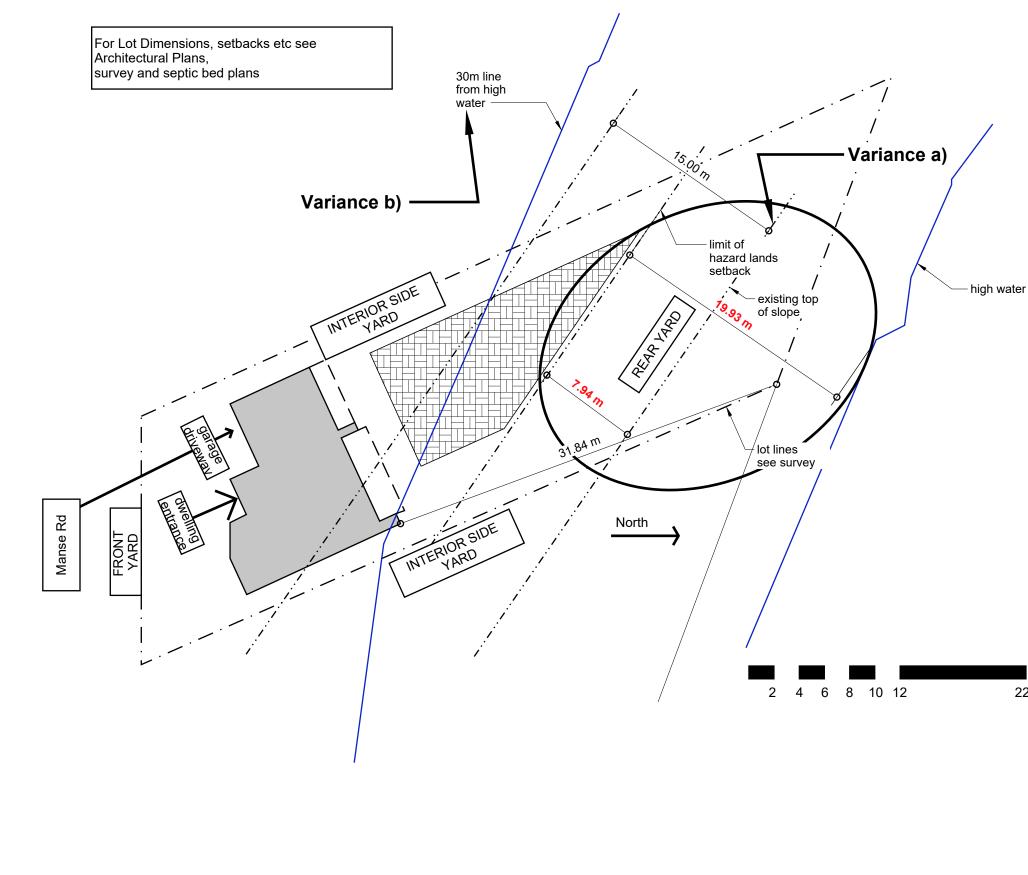


ZONE1 - COMPLIANCE PACKAGE FOR SPACE HEATING EQUIPMENT WITH AFUE > 90%:			
	SB-12 TABLE 3.1.1.2.A (IP) FORMING PART OF SENTI	SB-12 TABLE 3.1.1.2.A (IP), FORMING PART OF SENTENCE 3.1.1.2 (1)	
	DEGREE-DAYS FOR OTTAWA: 4600 ZONE 1: LESS THAN 5000 DEGREE-DAYS		
COMPLIANCE PACKAGE 'A1'			
BULDING COMPONENT	MINIMUM REQUIREMENTS (NOMINAL)	PROPOSED REQUIREMENTS (NOMINAL)	
CEILING WITH ATTIC SPACE	R60	R60	
CEILING w/o ATTIC SPACE	R31		
 EXPOSED FLOORS	R31		
WALLS ABOVE GRADE	R22	R22	
BASEMENT WALLS	R12+R10ci	R12+R10ci	
EDGE OF SLAB	-	-	
WINDOWS AND SLIDING GLASS DOORS (ER)	25	25	
SPACE HEATING EQUIP. MINIMUM AFUE	96%	96%	
HRV MINIMUM EFFICIENCY (SRE)	75%	75%	
DOMESTIC H.W. HEATER MIMIMUM EF	0.80	0.80	
SKYLIGHTS (MAX. U)	0.49	0.49	
DWHR 2 SHOWERS MIN.	42%	42%	
ALL OTHER COMPONENTS DO NOT A	PPLY TO THIS PROJECT		
WINDOW TO WALL RATIO FOR SB-12 COMPLIANCE			
WEST ELEVATION AREA OF COMPARTMENT: 796 SQ. FT. AREA OF GLAZING: 147.6 SQ. FT.			
EAST ELEVATION AREA OF COMPARTMENT: 1170 SQ. F AREA OF GLAZING: 277.5 SQ. FT	г.		
NORTH ELEVATION AREA OF COMPARTMENT: 735 SQ. FT. AREA OF GLAZING: 71.7 SQ. FT.			
SOUTH ELEVATION AREA OF COMPARTMENT: 735 SQ. FT. AREA OF GLAZING: 53.8 SQ. FT.			
OTHER ELEVATIONS AREA OF COMPARTMENT: 0 SQ. FT. AREA OF GLAZING: 0 SQ. FT.			
TOTAL AREA OF ALL COMPARTMENTS: 3436	SQ. FT.		

INSULTANTS:						
RUCTURAL: :CHANICAL: ECTRICAL: /IL: KOLLAARD ASSOCIATES INC.						
		M/D/Y				
	-	00/00/00				
	REVISED PLANS	07/21/23				
	FINAL - SLOPE STUDY	04/04/22				
	PRELIMINARIES	11/02/21				
	REVISION/ISSUE	DATE				
		DATE				
N	2523 MANSE ROAD IEW SINGLE DETACH 2523 MANSE RD. OTTAWA, ON K4C 1C6 613 8					
	2523 MANSE ROAD IEW SINGLE DETACH 2523 MANSE RD. OTTAWA, ON K4C 1C6	ED				
N	SITE PLAN ANSE	ED				
N	SITE PLAN ANSE	ED				



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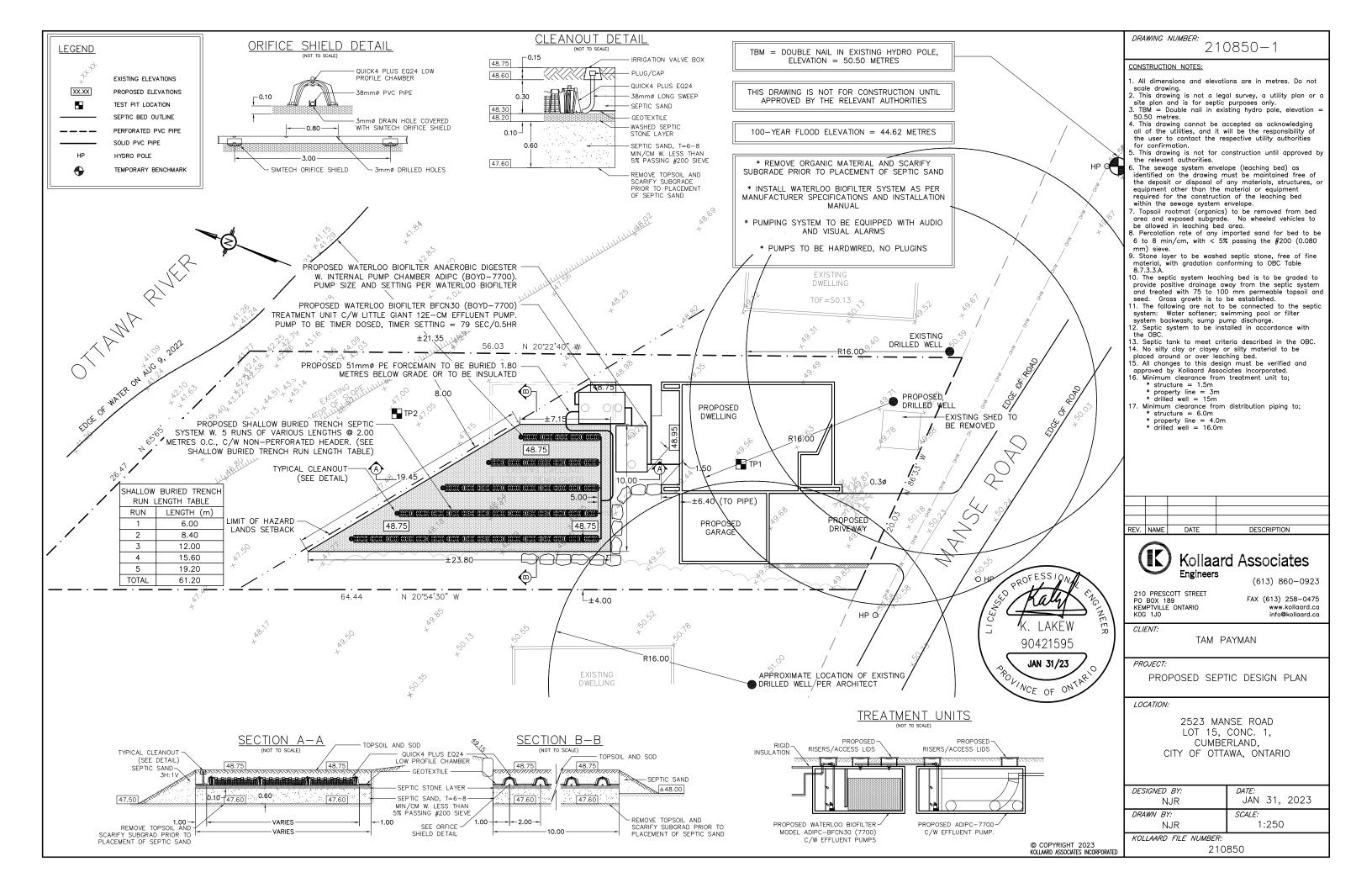
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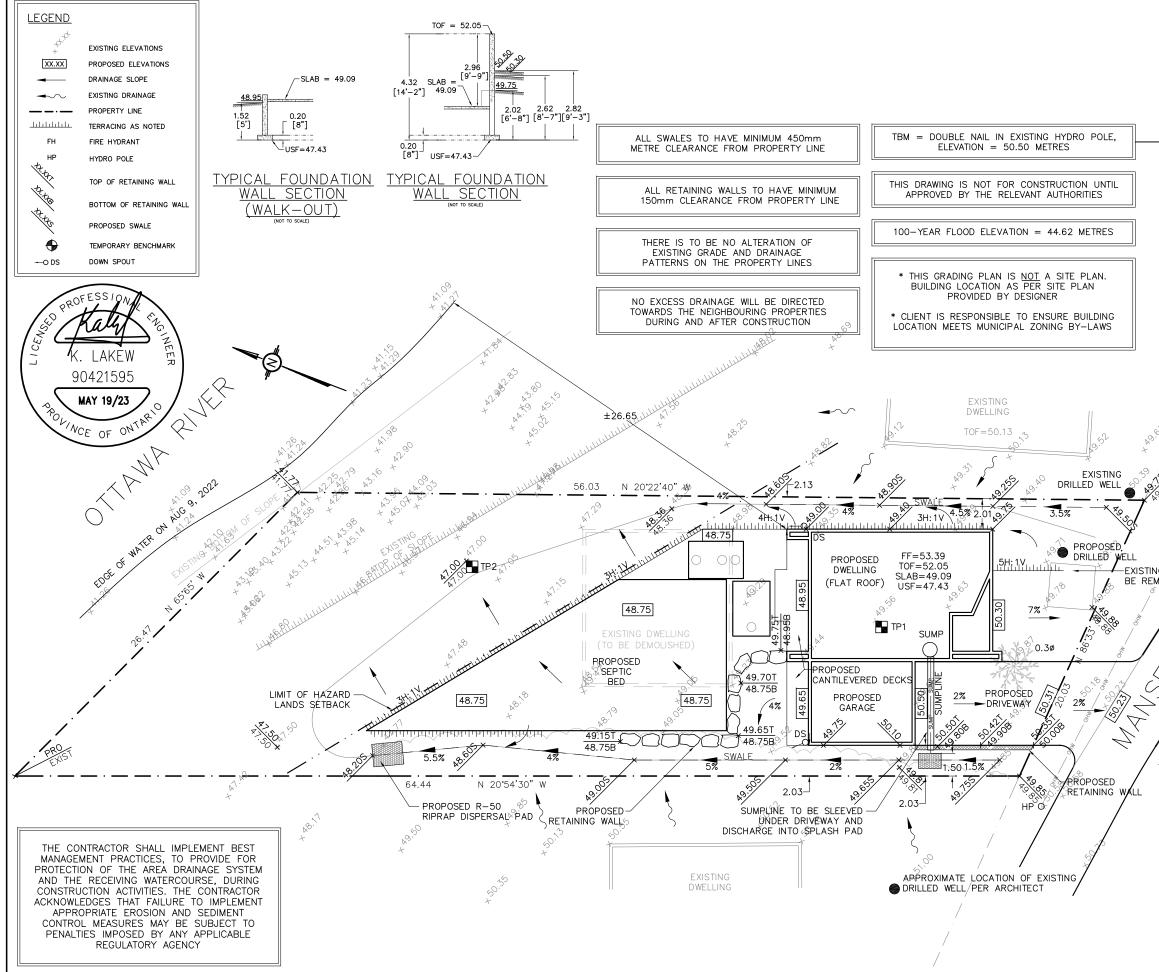
рколест 2175 Alta Vista **ркојест ио**. 2023 BY

DRAWN | C.J

ISSUE

July 20, 2023 Variance(s)





	drawing number: 210850–2		
	CONSTRUCTION NOTES:	ons are in metres. Do not	
	1. All dimensions and elevations are in metres. Do not scale drawing.		
	 This drawing is not a legal survey, a utility plan or a site plan and is for grading purposes only. 		
	 TBM = Double nail in existing hydro pole, elevation = 50.50 metres. 		
	 This drawing cannot be a all of the utilities, and it w 		
	the user to contact the re for confirmation.	spective utility authorities	
	 This drawing is not for c the relevant authorities. 	onstruction until approved by	
	6. Contractor is responsible of utilities.	for location and protection	
	7. Top of Foundation (TOF) elevation and Underside of		
	Footing (USF) elevation for drawing.	-	
	8. Finished grade around dwelling to be as shown. 9. Maximum allowable slope on site is 3H:1V. Finished		
	grade to slope away from house at all sides at a minimum of 2%, and a maximum of 7%. Maximum		
	slope away from septic system area is 4H:1V. 10. All dimensions to be verified on site by contractor		
/	prior to construction. 11. Client is responsible for acquiring all necessary		
	permits.		
/	12. The proposed grades have been set and verified for site grading control only. The grade raise at the house		
/	location should be verified conditions by qualified geo	echnical personnel after	
/	completion of the excavation 13. The underside of footing	elevation may not have	
	accounted for actual groun exact house location and s		
/	qualified geotechnical perso excavation.	nnel upon completion of the	
/ ^M HO	14. A geotechnical engineer		
	provide geotechnical recommendations with respect to the subgrade conditions prior to footing installation. 15 First protection will be required for the foundation		
- ⁻	15. Frost protection will be required for the foundation footing where the soil cover over the underside of footing is less than 152 matrices.		
	footing is less than 1.52 metres. 16. Any changes made to this plan must be verified		
NO /	and approved by Kollaard Associates Inc.		
- Orim			
2/2			
S. 3			
J J			
4 5			
IG SHED TO	1. NJR MAY 19, 2023	REVISED HOUSE PLANS	
	REV. NAME DATE	DESCRIPTION	
$/ \checkmark /$		r.a. t	
$/ \bigcirc /$		d Associates	
$\not \leftarrow$ /	Engineers	(613) 860-0923	
, ` _	210 PRESCOTT STREET	· · ·	
	PO BOX 189 KEMPTVILLE ONTARIO	FAX (613) 258–0475 www.kollaard.ca	
	KOG 1JO	info@kollaard.ca	
	CLIENT:		
/	TAM PAYMAN		
 	PROJECT:		
√O HP		GRADING PLAN	
	THOTOSED EUT GRADING FLAN		
	LOCATION:		
	2523 MAI	NSE ROAD	
	2523 MANSE ROAD LOT 15, CONC. 1,		
	CUMBERLAND,		
	CITY OF OTTAWA, ONTARIO		
	DESIGNED BY:	DATE:	
	NJR	JAN 31, 2023	
	DRAWN BY:	SCALE:	
	NJR	1:250	
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KOLLAARD ASSOCIATES INCORPORATED	210850		

