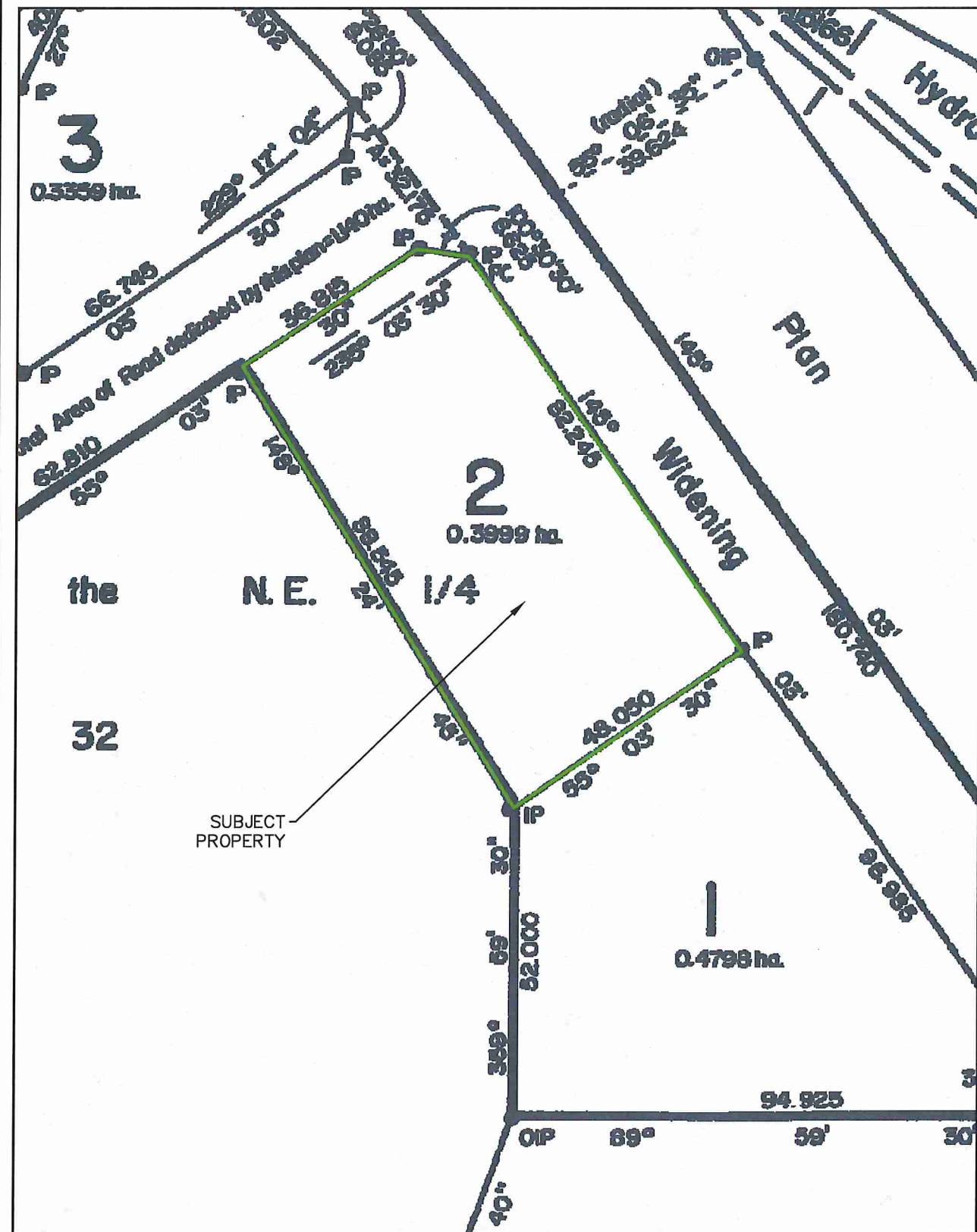


				Filing # (OFFICE USE ONLY)	
1. Property Information	<input type="checkbox"/> New Construction		<input type="checkbox"/> Alteration		<input type="checkbox"/> Repair
					<input checked="" type="checkbox"/> Amendment – Original Filing # 359834
	Tax Assessment Roll # 789-03554.010				PID # 002-952-297
	Legal Description (Plan, Lot, District Lot, Block Numbers) Lot 2 Sec 32 TP 19 R 9 W6M KDYD PL 34453				
2. Owner Information	Name of Legal Owner Bill Wood				Mailing Address 5192 HWY 97B SE
	Phone N/A	City Salmon Arm		Prov BC	Postal Code V1E 2P7
3. Authorized Person Information	Name of Authorized Person Jayme Franklin, P.Eng				Mailing Address P.O. Box 2590, 420A
	Phone 250.832.8380	City Salmon Arm		Prov BC	Postal Code V1E 4R5
	Registration # 34134				Email info@franklinengineering.ca
4. Structure Information	Sewerage System Will Serve:				
	<input checked="" type="checkbox"/> Single Family Dwelling <input type="checkbox"/> Other Structure (specify) _____ <input type="checkbox"/> Other Dwelling (specify) _____				
	The sewerage system is designed for an estimated minimum daily domestic sewage flow of (check one) <input checked="" type="checkbox"/> Less than or equal to 9,100 litres <input type="checkbox"/> More than 9,100 litres but less than 22,700 litres				
5. Site Information	Depth of native soil to seasonal high water table or restrictive layer (cm) 120		Information respecting the type, depth and porosity of the soil is attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	GPS Location of System (decimal degrees) Latitude 50.661521 Longitude -119.206076				
	Horizontal Accuracy (m) google		<input checked="" type="checkbox"/> Recreational GPS <input type="checkbox"/> Differential GPS		
6. Drinking Water Protection	Will the sewerage system be located less than 30 m from a well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	If yes, attach a professional's report and specify the intended distance _____ (m)				
	Distance of proposed sewerage system to the closest body of surface water 30+ (m)				
7. System Information	Sewerage treatment method <input checked="" type="checkbox"/> Type 1 <input type="checkbox"/> Type 2 <input type="checkbox"/> Type 3				
8. Legal or Regulatory Considerations	<input checked="" type="checkbox"/> Construction of the proposed sewerage system will not conflict with legal instruments registered on the property.				Is this filing submitted as the result of an order from the Health Authority? <input type="checkbox"/> Yes (attach a copy of the order) <input checked="" type="checkbox"/> No
9. Plot Plan and Specifications	Plot Plan (to scale) and specifications are attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	<input checked="" type="checkbox"/> The plans and specifications are consistent with Standard Practice Source of Standard Practice: <input checked="" type="checkbox"/> Ministry of Health Standard Practice Manual <input type="checkbox"/> Other				
10. Authorized Person's Signature	Signature (email submission does not require a signature)				OFFICE USE ONLY Filing Accepted Date Receipt Number
	Date				
	08/12/2018				



LEGAL PLAN
1:1000

	BILL OF MATERIALS*		
	DESCRIPTION	MODEL	QTY
1	Leko Precast Septic Tank	1250 lgal	1
2	Leko Precast Pump Chamber Assembly	48"	1
3	Infiltrators	Quick4 E.Q. 36	63
4	Infiltrator Posilock End Caps - 6.25" Invert	Quick4 E.Q. 36	8
5	Hydrotech Index Valve	4404	1
6	40mm(1.5") Male Adapter	SCH40	1
7	50mm(2") - 40mm(1.5") Bushing	SCH40	1
8	50mm (2") Ø PVC Pipe	SCH40	9m (30')
9	50mm (2") Ø PVC 45° Elbows - soc. x soc.	SCH40	23
10	50mm (2") Ø PVC Cap - soc.	SCH40	6
11	50mm (2") Ø PVC Union	SCH40	5
12	50mm (2") Ø PVC Drilled Pipe	SCH40	60m (198')
13	50mm (2") Ø PVC Pipe	SCH40	12m (40')
14	50mm (2") Ø PVC Union	SCH40	1
15	50mm (2") Ø PVC 90° Elbows - soc. x soc.	SCH40	2
16	100mm (4") Ø PVC Pipe	CSA Sewer Grade	6m (20')
17	Polylok Effluent Filter Assembly 1/16"	EF-6	1
18	Poly-Loc Orifice Shields	1.5"	4
19	Valve Box-Irrigation Boxes	6" Round	12
20	** Effluent Pump	Shef50	1
21	Transducer	TRN-XX	1
22	Aquaworx Control Panel	Simplex IPC	1
*	Materials List is a guide only. Actual material amounts may differ.		

FINAL COMMISSION AND REVIEW

- 1.SYSTEM INSTALLED AS PER PLANS
- 2.EFFLUENT FILTER INSTALLED

Dose Pump Panel Settings*

Norm ON	=	1	minutes	0	seconds
Norm OFF	=	60	minutes	0	seconds
Veto ON	=	1	minutes	0	seconds
Veto OFF	=	30	minutes	0	seconds
High	=	30.1	inches from bottom of bell		
Veto Level	=	20.1	inches from bottom of bell		
Start	=	3.6	inches from bottom of bell		
S Warn	=	Do NOT Change			
Z-bias	=	as marked on the transducer bell			
Auto Clear	=	1 (one) dose			

*Settings to be confirmed after pump draw down test

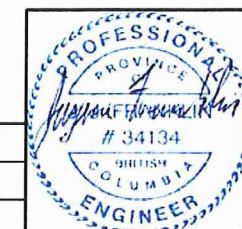
SEWAGE DISPOSAL SYSTEM FOR:
L 2 SEC 32 TP 19 R 9 W6M KDYD PL 34453
ASSESSMENT ROLL NUMBER:
789-03554.010

GENERAL NOTES:

1. THE TANK SHALL BE LOCATED TO PROVIDE A MIN. OF 2 % FALL FOR ALL GRAVITY SEWER DRAINS.
2. ROOF DRAINAGE SHALL BE DIVERTED AWAY FROM TREATMENT SYSTEM AND THE DISPOSAL AREA.
3. THE DISPOSAL AREA SHALL BE COVERED TO PROVIDE SURFACE DRAINAGE AND BE PROPERLY SEEDDED OR SODDED TO PREVENT EROSION, AND PROPERLY MAINTAINED. HERBACEOUS PLANTS SUCH AS WILDFLOWERS AND GRASSES ARE GOOD CHOICES FOR PLANTING. GRASSES ARE ESPECIALLY DESIRABLE DUE TO THEIR FIBROUS ROOT SYSTEMS WHICH HOLD THE SOIL IN PLACE.
4. SHALLOW ROOTED SHRUBS SUCH AS CEDARS MAY BE PLANTED ON THE SIDE SLOPE OR AT THE TOE OF THE DISPOSAL AREA.
5. EFFLUENT FILTER TO BE CLEANED EVERY SIX MONTHS OF USE.
7. INDEXING VALVE TO BE CHECKED ANNUALLY.
8. LATERALS TO BE FLUSHED PRIOR TO USE, AFTER THE FIRST YEAR, AND THEN EVERY TWO YEARS OR AS PER MAINTENANCE PROVIDER.
9. TANK TO BE PUMPED OUT EVERY 3-5 YEARS OR AS DEEMED NECESSARY BY SERVICE PROVIDER.
10. WATER CONDITIONER, WATER SOFTENER, HOT TUB, OR SWIMMING POOL DISCHARGE CANNOT BE FLUSHED INTO THE SEWAGE TREATMENT SYSTEM.

DESIGN CALCULATIONS:

- A. PEAK DAILY DESIGN FLOW = 2500 LPD (550 IGPD) BASED ON A 7 BEDROOM HOUSE.
- B. DISPOSAL AREA CONSISTS OF 4 LATERALS PLACED SIDE BY SIDE ON A SAND BED. EACH LATERAL CONSISTS OF 21 INFILTRATOR QUICK4 36 CHAMBER = 86' (26M) INCLUDING END CAPS, TOTALING 344' (105M) FOR THE ENTIRE FIELD.
- C. INFILTRATION AREA PEAK HYDRAULIC LOADING RATE = 4.0 L/M²
- D. BASAL AREA PEAK HYDRAULIC LOADING RATE = 11.7 L/M²
- E. DOSE = 24 PER DAY AT 104 L PER DOSE



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DRAWING NO. 17-110-01

CLIENT: BILL WOOD
5192 HWY 97B SE

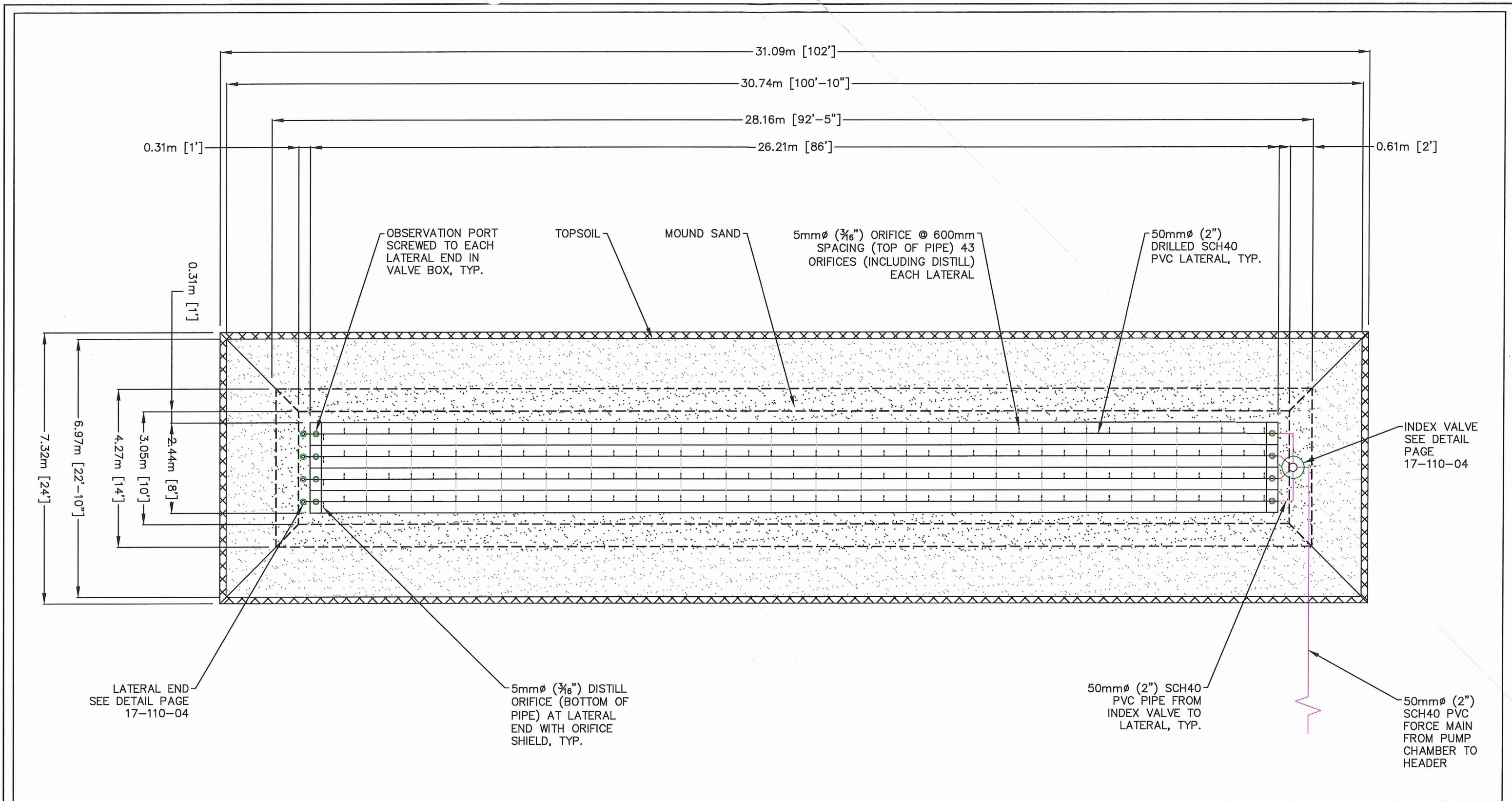
PROJECT: 17-110-S
SEWERAGE SYSTEM

TITLE: PLOT PLAN & GENERAL NOTES

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1	21/FEB/2018
0	14/NOV/2017

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ISSUED FOR IHA FILING



SAND MOUND PLAN
SCALE 1:100

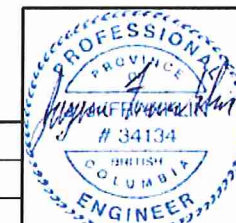
CLIENT: BILL WOOD
5192 HWY 97B SE

PROJECT: 17-110-S
SEWERAGE SYSTEM

TITLE: DISPOSAL FIELD DETAILS

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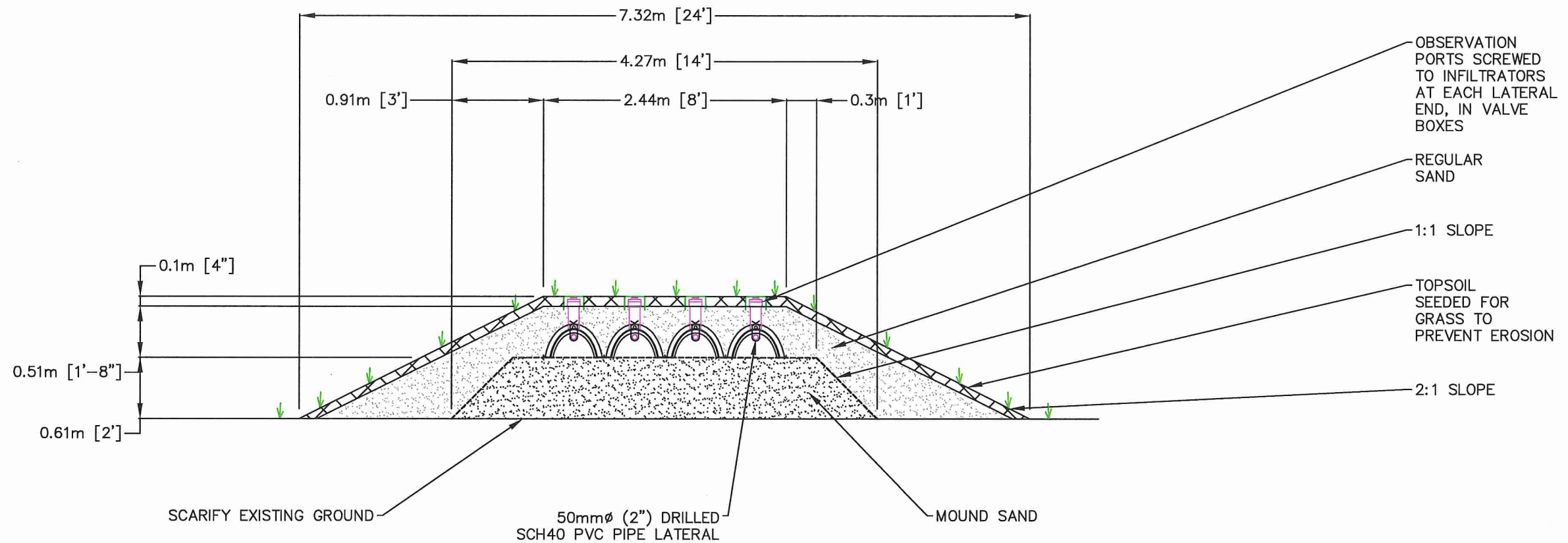
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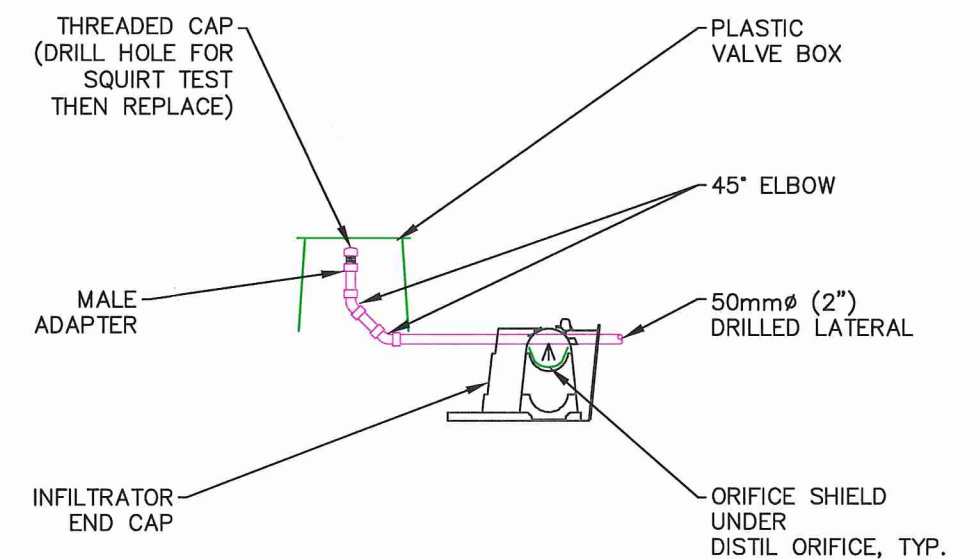
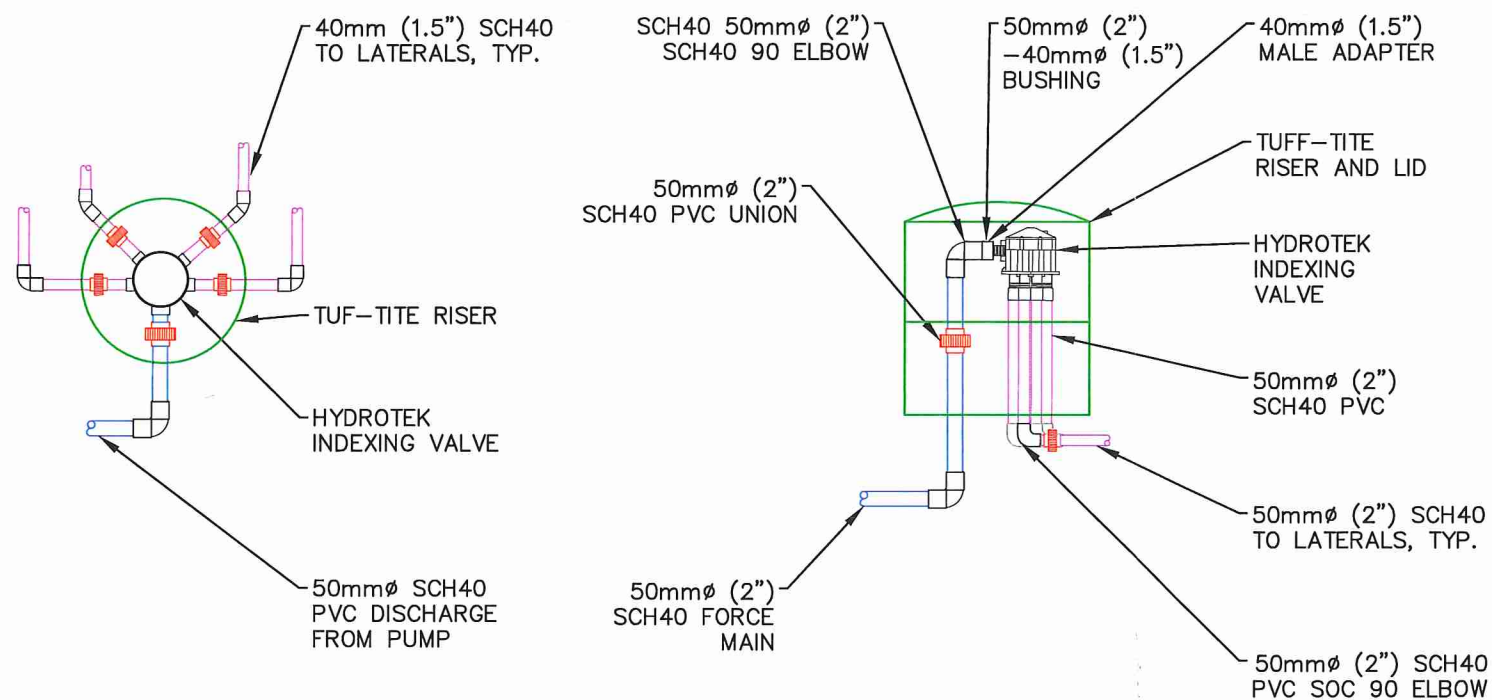
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DRAWING NO. 17-110-03



- INDEXING VALVE AND UNIONS INSTALLED IN 24" TUFF-TITE RISERS, C/W S.S. SCREWS AND LID.
- RISERS BURIED AND FILLED WITH A PLASTIC BAG OF FOAM CHIPS.
- INDEXING VALVE MUST BE THE HIGHEST POINT IN THE SYSTEM FOR CORRECT OPERATION



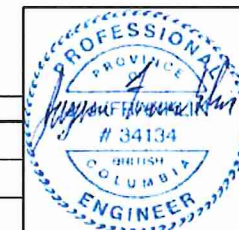
CLIENT: BILL WOOD
5192 HWY 97B

PROJECT: 17-110-S
SEWERAGE SYSTEM

TITLE: DISPOSAL FIELD DETAILS

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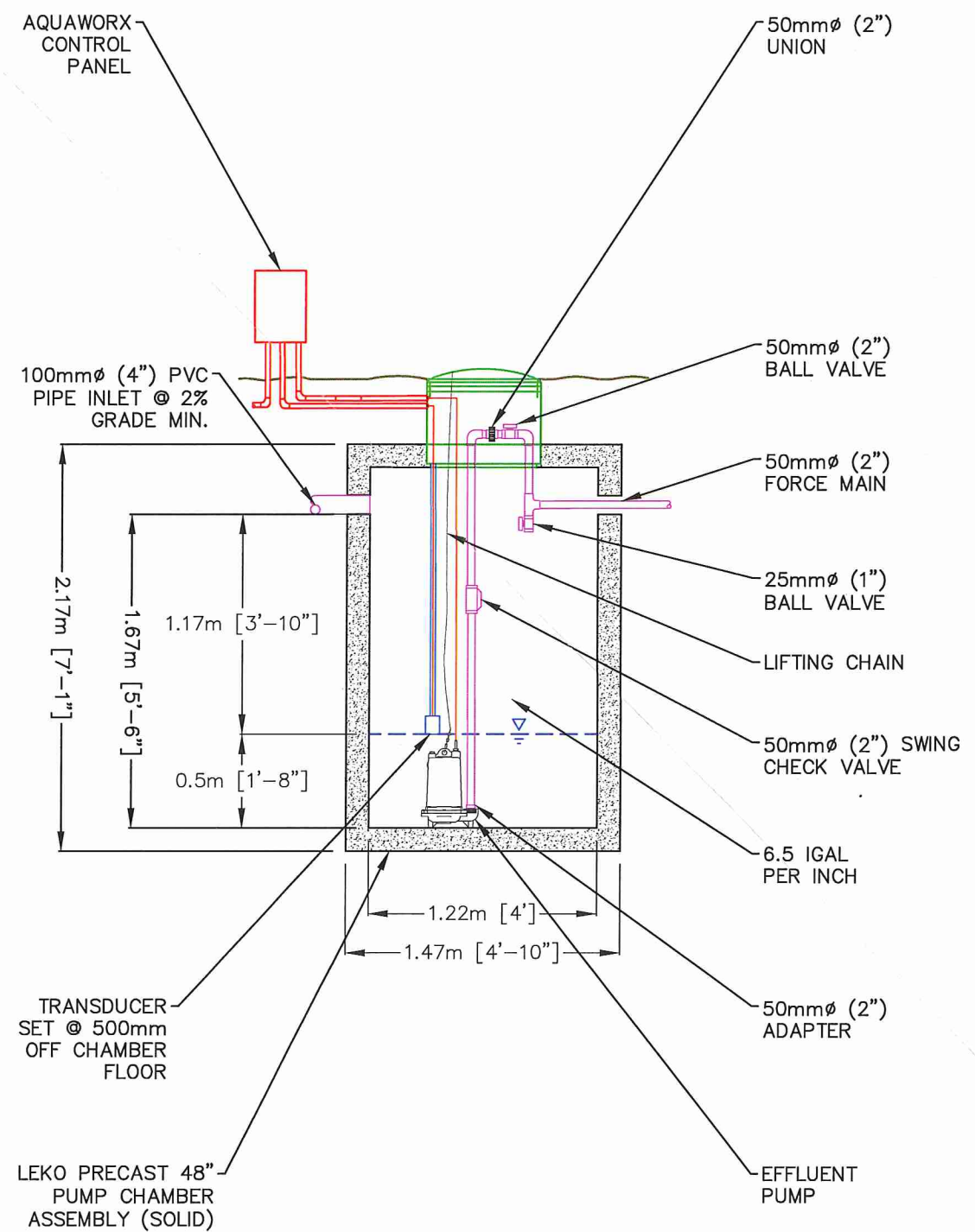
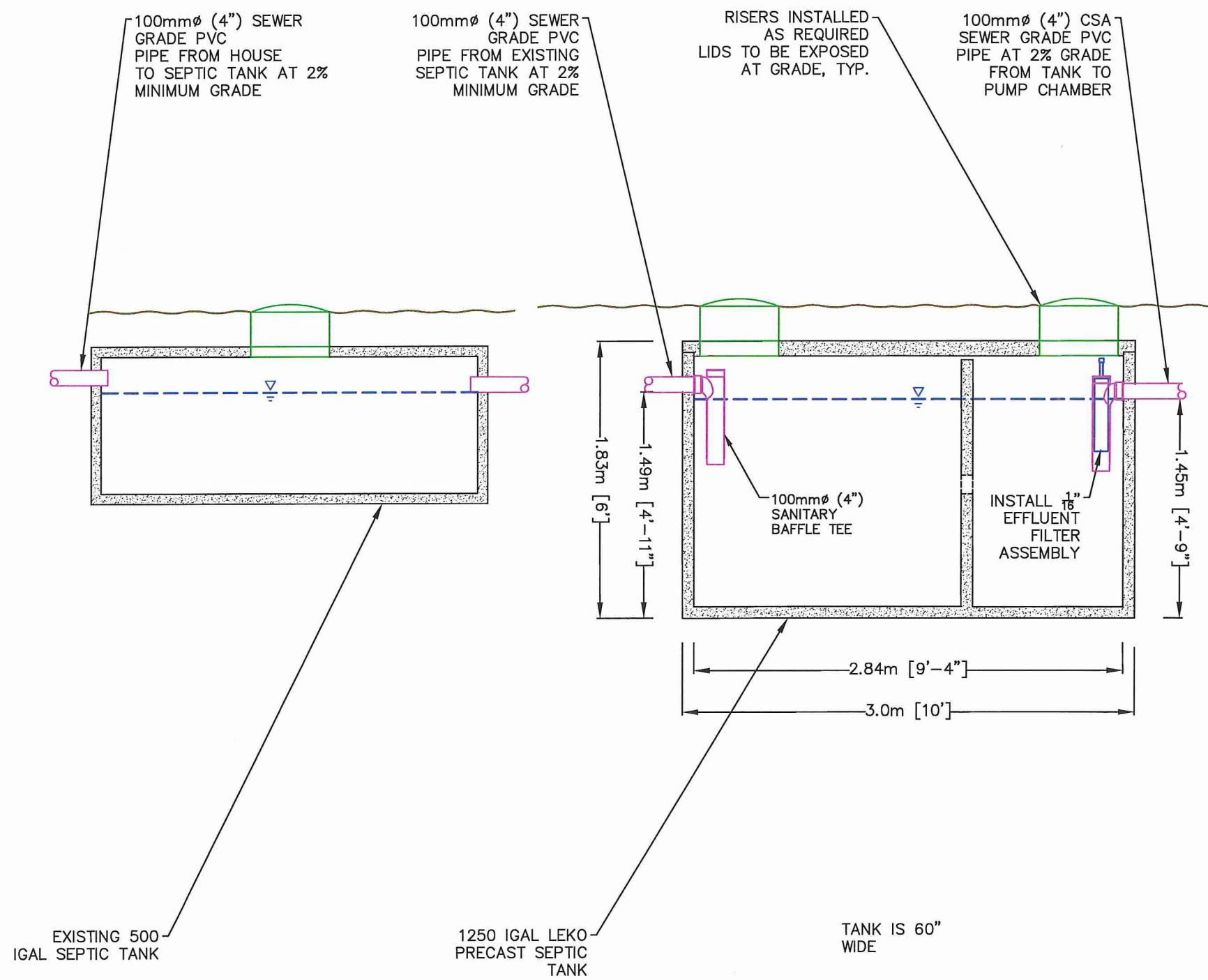
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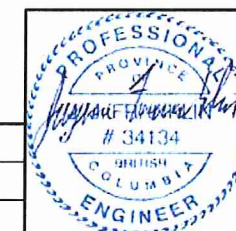
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DRAWING NO. 17-110-04



SEPTIC TANK DETAILS
SCALE: 1:35



Jayme Franklin, P.Eng.
250.832.8380
DRAWING NO. 17-110-05

CLIENT: BILL WOOD
5192 HWY 97B SE

PROJECT: 17-110-S
SEWERAGE SYSTEM

TITLE: DISPOSAL FIELD DETAILS

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