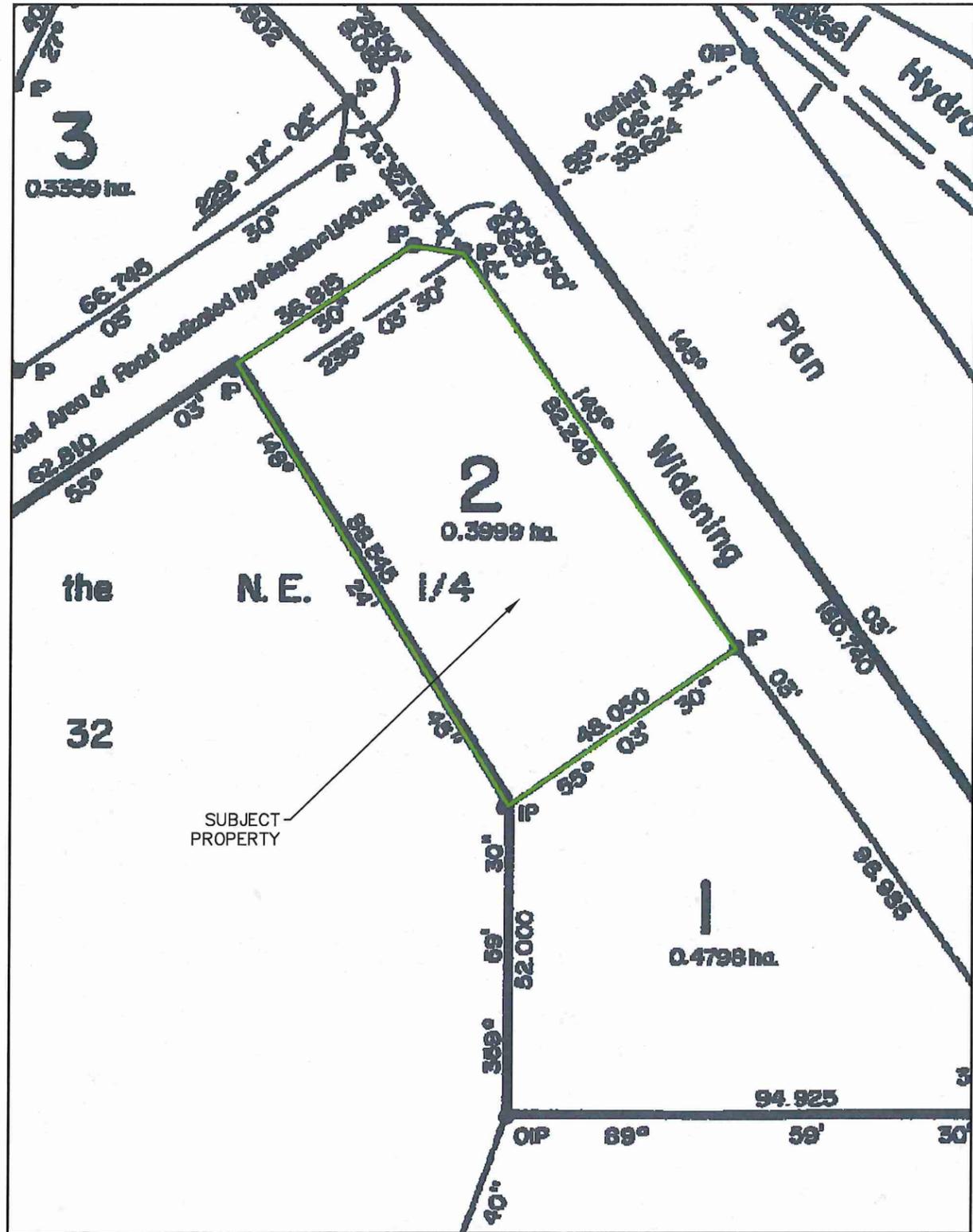


				Filing # (OFFICE USE ONLY)				
1. Property Information	<input type="checkbox"/> New Construction		<input type="checkbox"/> Alteration		<input type="checkbox"/> Repair		<input checked="" type="checkbox"/> Amendment – Original Filing # 359834	
	Tax Assessment Roll # 789-03554.010					PID # 002-952-297		
	Legal Description (Plan, Lot, District Lot, Block Numbers) Lot 2 Sec 32 TP 19 R 9 W6M KDYD PL 34453							
	Street (Civic) Address or General Location 5192 97B SE					City Salmon Arm		
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 (<i>specify</i>) _____ <input type="checkbox"/> Other Dwelling (<i>specify</i>) _____ The sewerage system is designed for an estimated minimum daily domestic sewage flow of (<i>check one</i>) <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 (<i>cm</i>) 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 (<i>decimal degrees</i>) Latitude 50.661521 Longitude -119.206076							
	Horizontal Accuracy (<i>m</i>) 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 _____ (<i>m</i>) Distance of proposed sewerage system to the closest body of surface water 30+ (<i>m</i>)							
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 (<i>attach a copy of the order</i>) <input checked="" type="checkbox"/> No			
	Plot Plan (to scale) and specifications are attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
9. Plot Plan and Specifications	<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							
	Signature (<i>email submission does not require a signature</i>)						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 SEEDED 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.
 6. INDEXING VALVE TO BE CHECKED ANNUALLY.
 7. LATERALS TO BE FLUSHED PRIOR TO USE, AFTER THE FIRST YEAR, AND THEN EVERY TWO YEARS OR AS PER MAINTENANCE PROVIDER.
 8. TANK TO BE PUMPED OUT EVERY 3-5 YEARS OR AS DEEMED NECESSARY BY SERVICE PROVIDER.
 9. 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 = 40 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

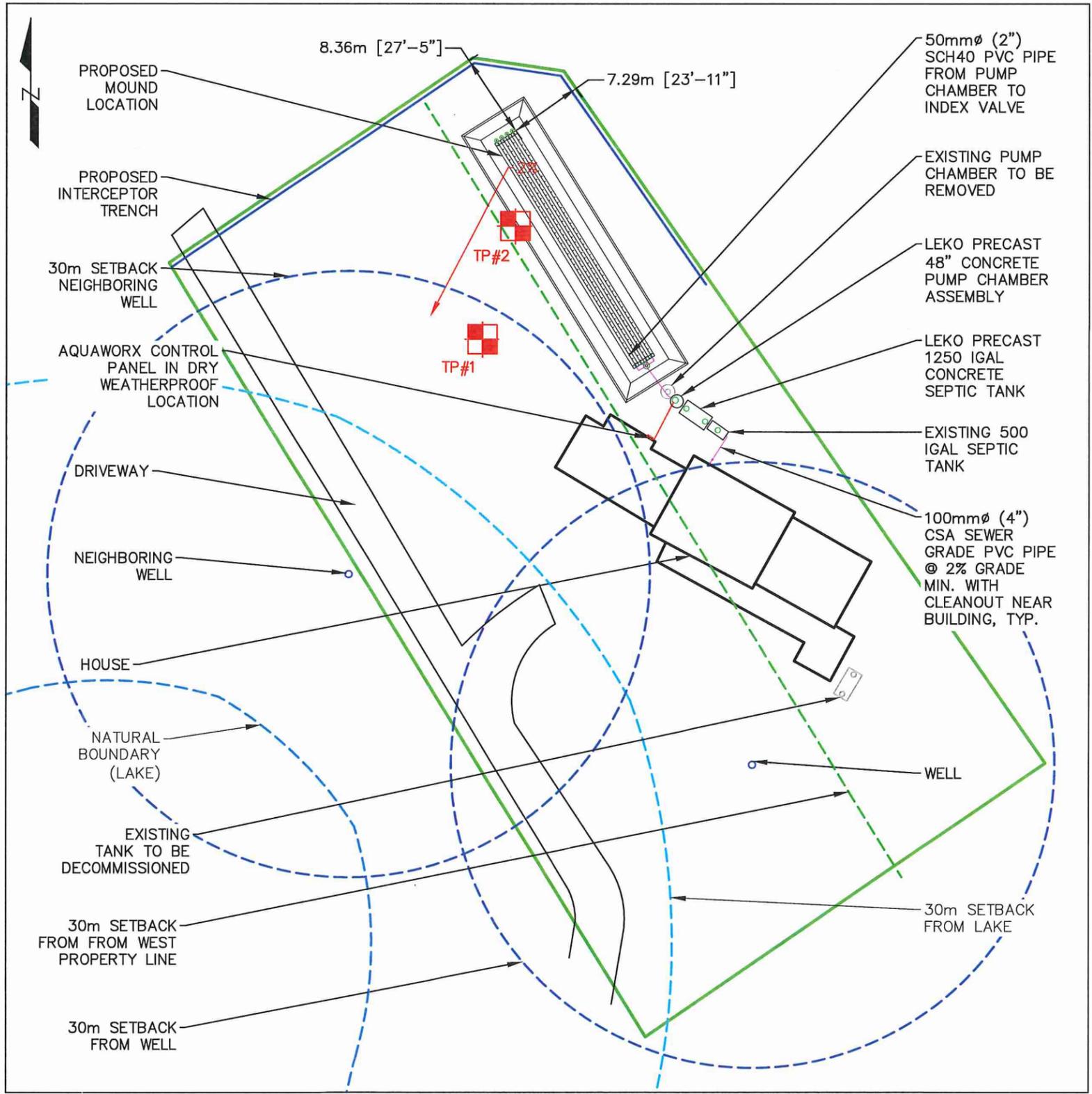
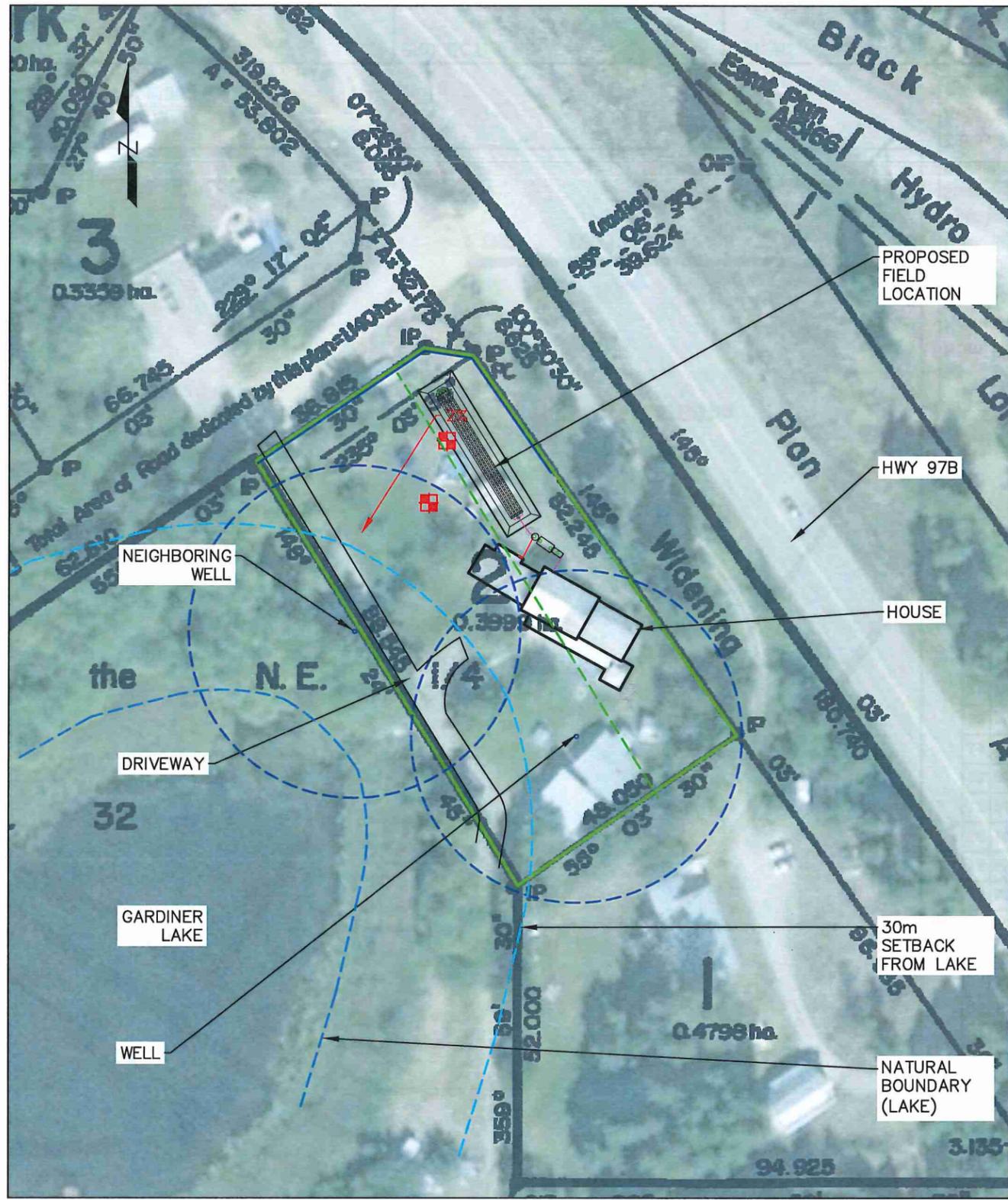
PROJECT: 17-110-S
SEWERAGE SYSTEM

TITLE: PLOT PLAN & GENERAL NOTES

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SYSTEM LOCATION
SCALE: 1:1000

SYSTEM LOCATION
SCALE: 1:200

CLIENT: BILL WOOD
5192 HWY 97B SE

PROJECT: 17-110-S
SEWERAGE SYSTEM

TITLE: SITE PLAN AND SYSTEM LOCATION

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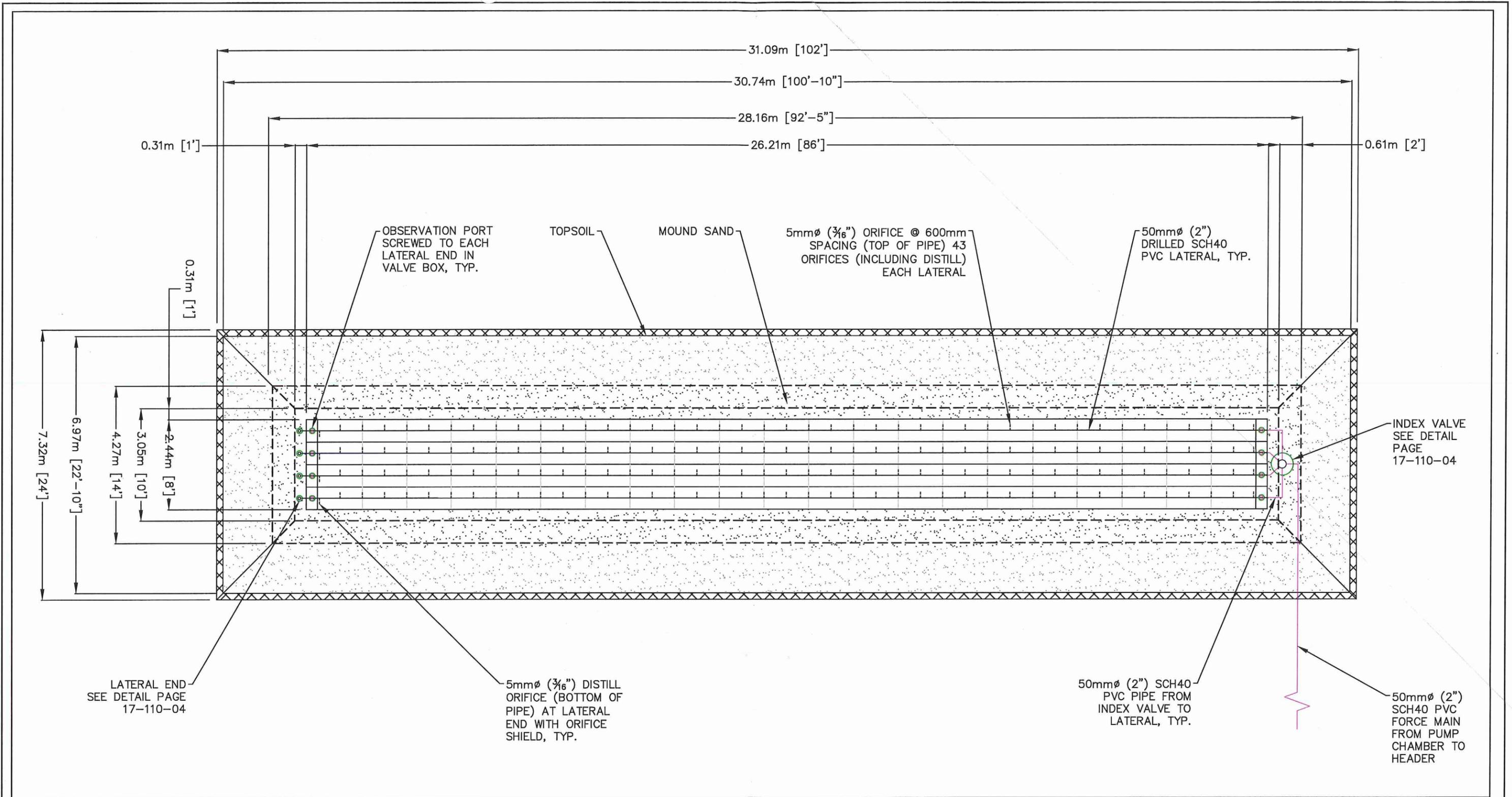
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SAND MOUND PLAN
SCALE 1:100

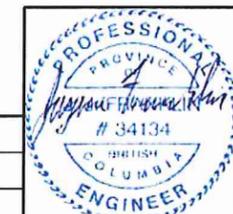
CLIENT: BILL WOOD
5192 HWY 97B SE

PROJECT: 17-110-S
SEWERAGE SYSTEM

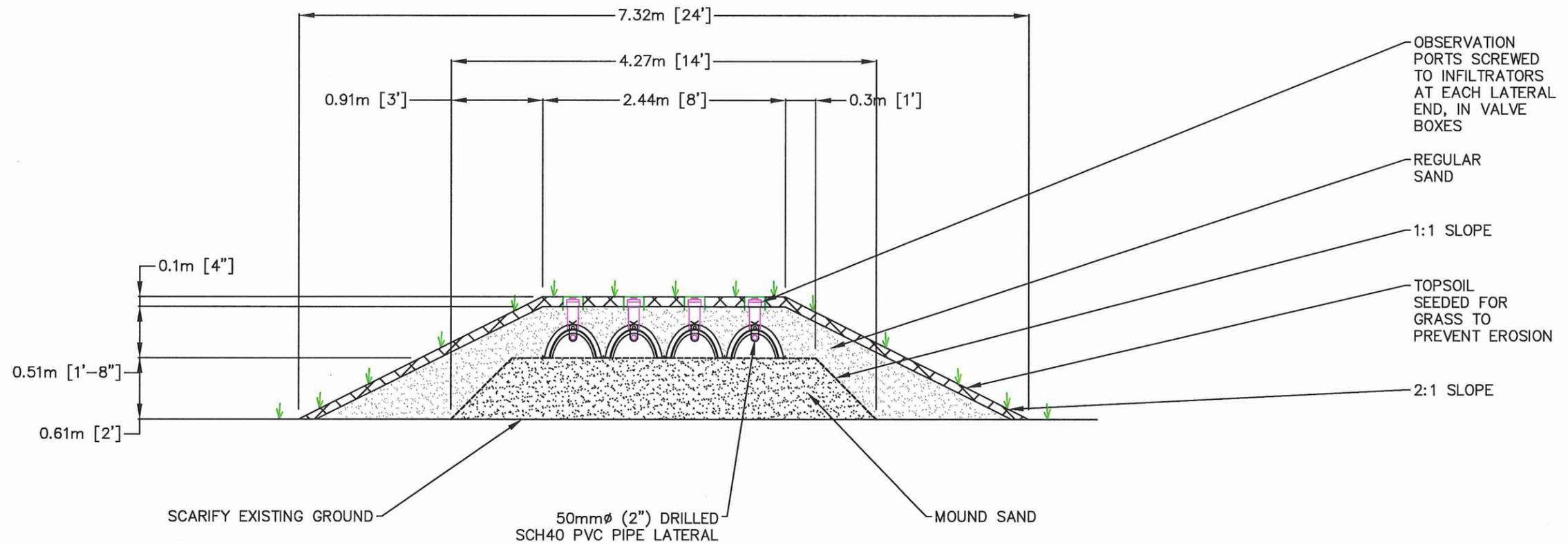
TITLE: DISPOSAL FIELD DETAILS

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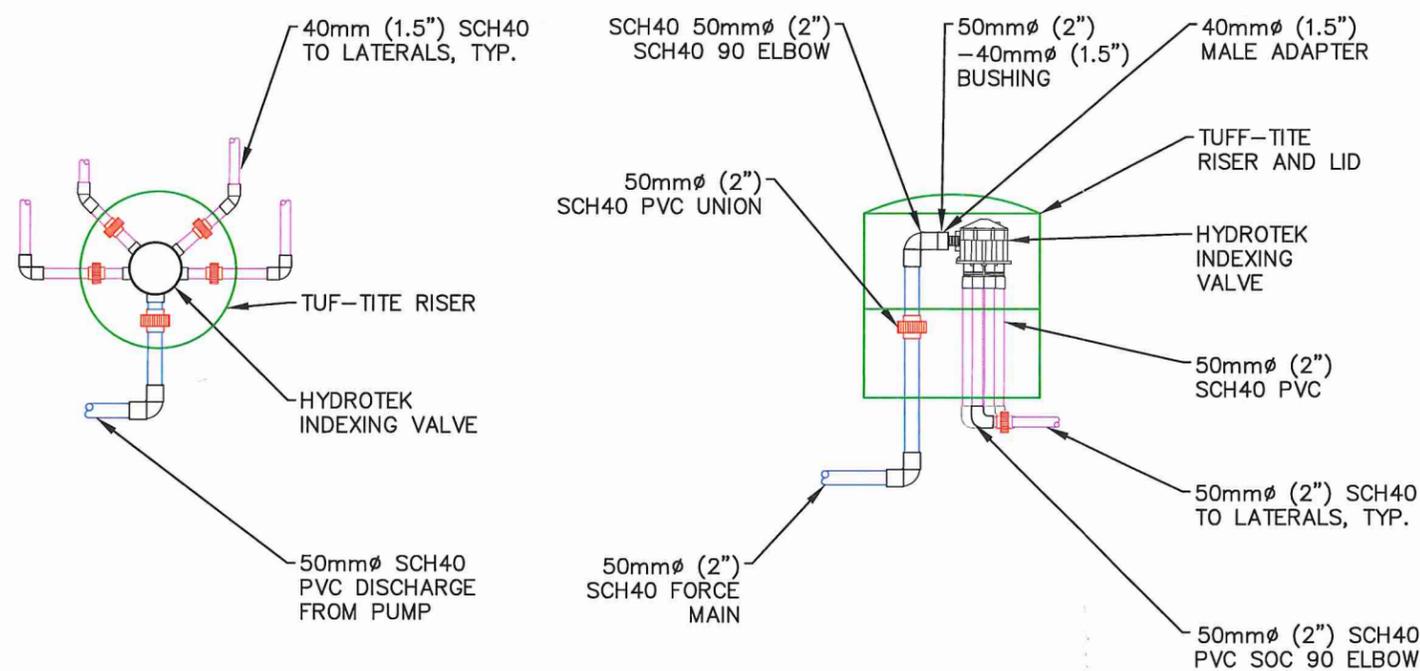


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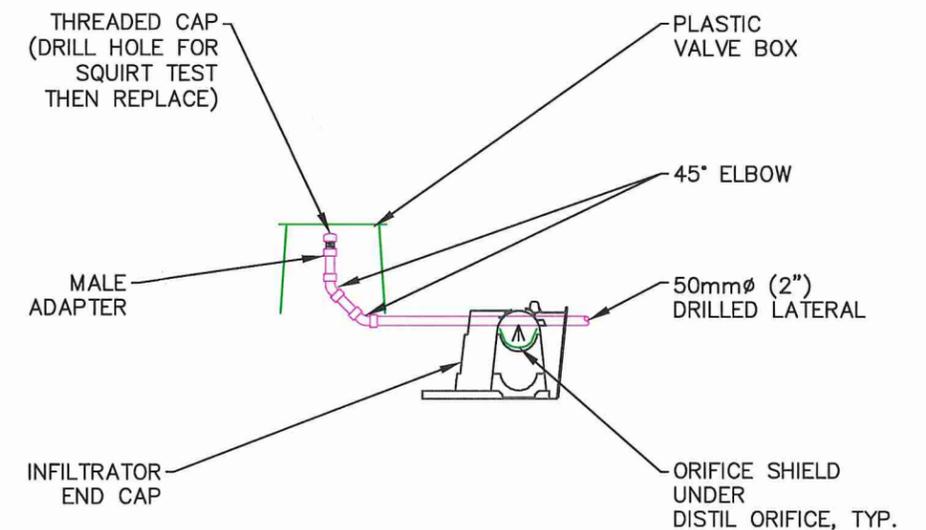


SAND MOUND SECTION
SCALE 1:50

- INDEXING VALVE AND UNIONS INSTALLED IN 24" TUF-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



INDEX VALVE DETAIL
SCALE 1:25



LATERAL END DETAIL
SCALE 1:25

CLIENT: BILL WOOD
5192 HWY 97B

PROJECT: 17-110-S
SEWERAGE SYSTEM

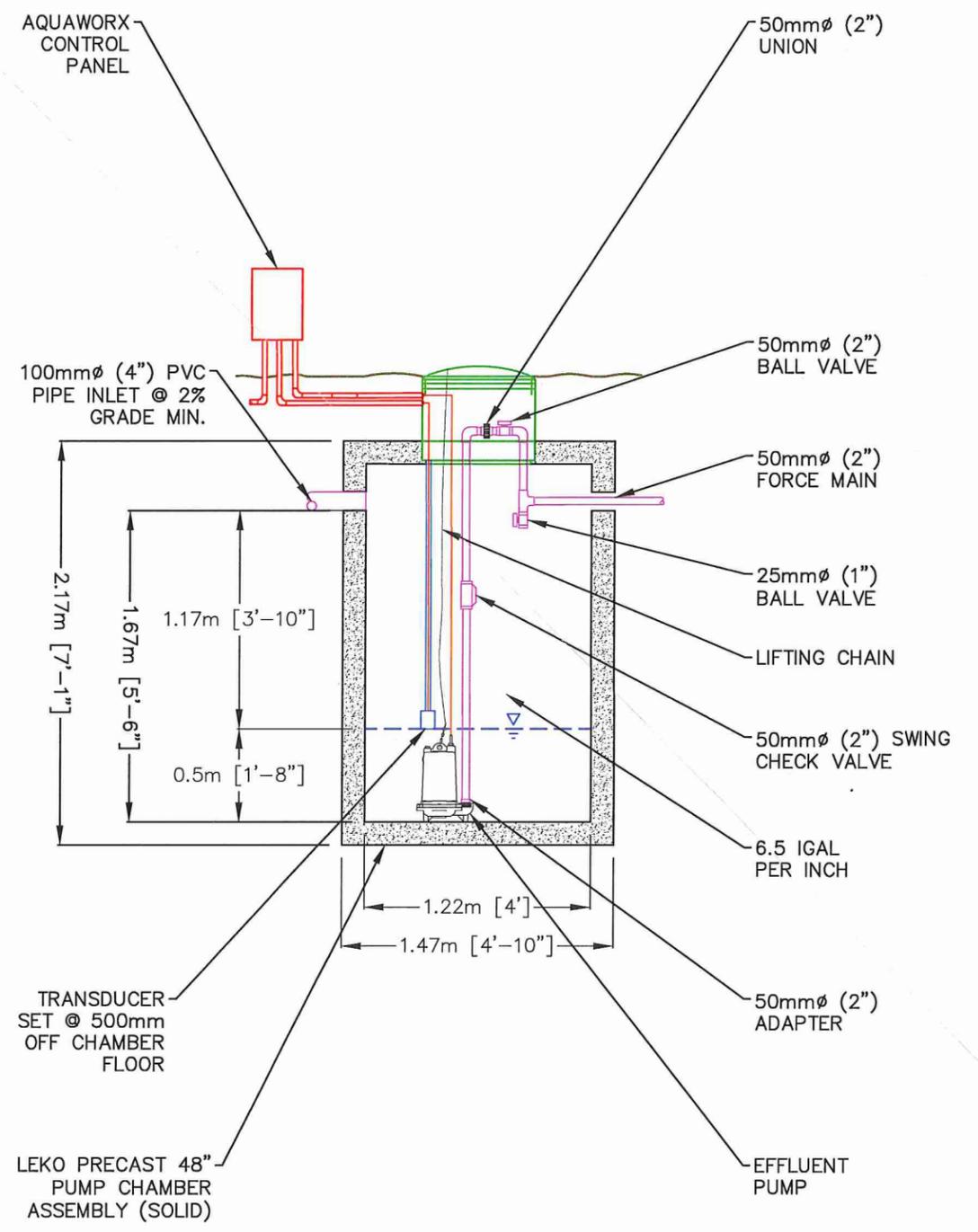
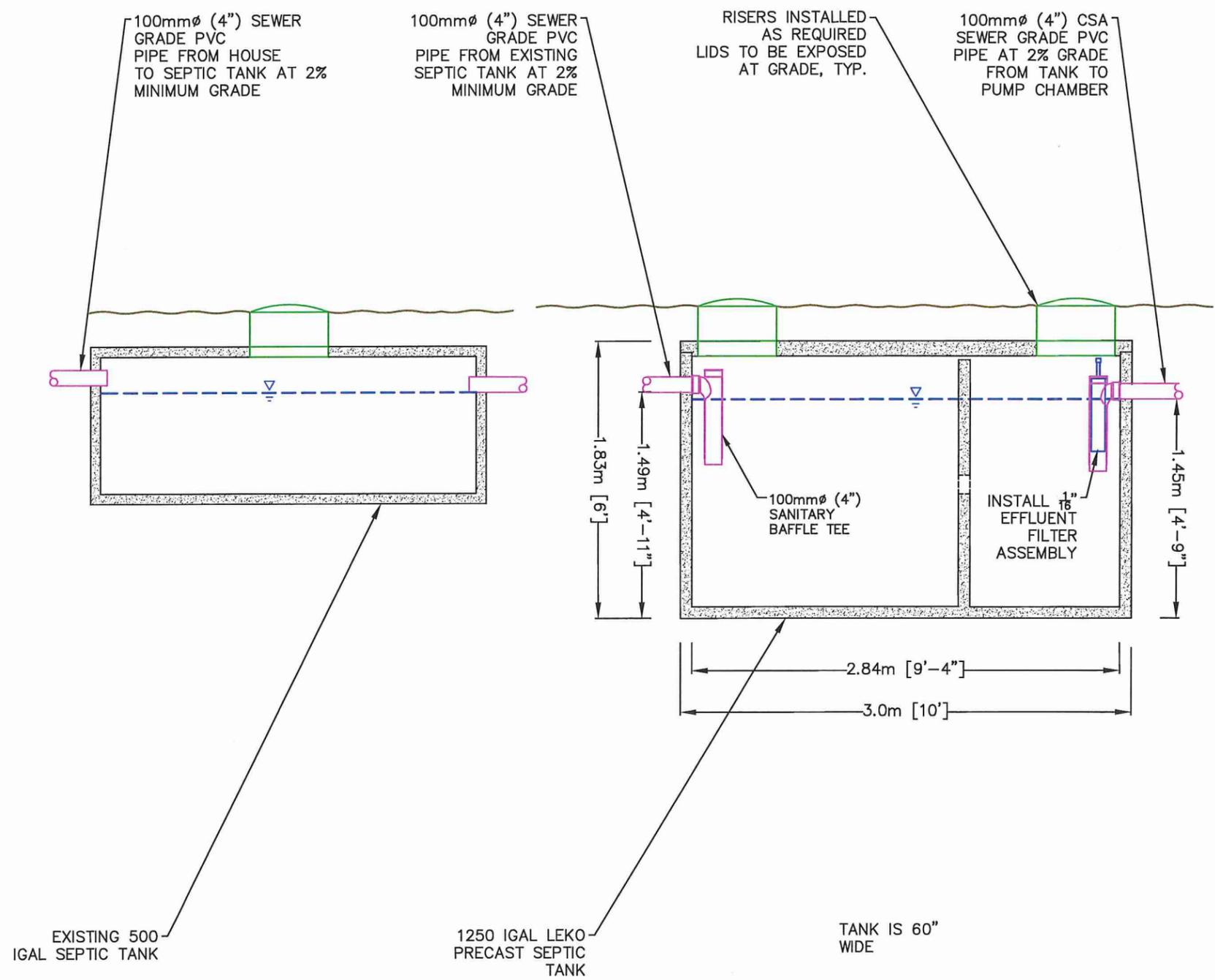
TITLE: DISPOSAL FIELD DETAILS

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SEPTIC TANK DETAILS
SCALE: 1:35



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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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