

1:500

CLIENT:

NOTE:

THIS DRAWING IS PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS SO SEALED AND NOTATED BELOW.

	BILL OF MATERIALS*							
	DESCRIPTION	MODEL	QTY					
1	Leko Precast Dual Chamber Concrete Septic Tank	1500 IGAL	1					
2	Leko Precast Pump Chamber Assembly	48"	1					
3	Infiltrators	Quick4 E.Q. 36	72					
4	Infiltrator End Caps	Quick4 E.Q. 36	12					
5	100mmø (4") PVC Pipe	CSA Sewer Grade	12m (40')					
6	76mmØ (3") PVC Pipe	CSA Sewer Grade	18m (60')					
7	76mmØ (3") PVC Perforated Pipe	CSA Sewer Grade	91m (300')					
8	50mmØ (2") PVC Pipe	SCH40	37m (120')					
9	Aquaworx Control Panel	Simplex IPC	1					
10	Transducer	TRN-XX	1					
11	**Effluent pump	**	1					
12	Effluent-filter Assembly 1/16" - Tuf-tite	EF-6	1					
13	Valve Boxes -Plastic (Optional)	6"	12					

**PUMP TO BE CONFIRMED

ELEVATION FROM PUMP CHAMBER TO INDEX VALVE TO BE DETERMINED PRIOR TO PUMP SELECTION

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	=	36	inches fro	m bottom	of bell	
Veto Level =		24	inches from bottom of bell			
Start	=	6	inches fro	m bottom	of bell	

* Materials List is a guide only. Actual material amounts may differ.

Do NOT Change S Warn

Z-bias as marked on the transducer bell

Auto Clear = 1 (one) dose

*Settings to be confirmed after pump draw down test

PLEASE RECORD Z-BIAS NUMBER FROM TRANSDUCER ON INSIDE OF CONTROL PANEL DOOR

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01/APR/2022

SEWAGE DISPOSAL SYSTEM FOR:

LOT I PLAN KAP20209 DISTRICT LOT 3329 LAND DISTRICT 41 ASSESSMENT ROLL NUMBER:

19-723-14660.010

007-889-950

GENERAL NOTES:

- I. 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. DISTRIBUTION BOX TO BE CHECKED ANNUALLY.
- 7. TANK TO BE PUMPED OUT EVERY 3-5 YEARS OR AS DEEMED NECESSARY BY SERVICE PROVIDER.
- 8. 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 = 1900 L/D (440 IGPD) BASED ON A 5-BEDROOM RESIDENCES.
- B. DISPOSAL AREA CONSISTS OF 6 LATERALS IN PAIRS SPACED TEN FEET APART IN TRENCHES. EACH LATERAL CONSISTS OF 12 INFILTRATOR QUICK4 EQUALIZER 36 CHAMBER = 50' (15m), TOTALING 300' (91m) FOR THE ENTIRE
- C. INFILTRATION AREA PEAK HYDRAULIC LOADING RATE = 35 L/M2

INSPECTION SCHEDULE:

ISSUED FOR RSS

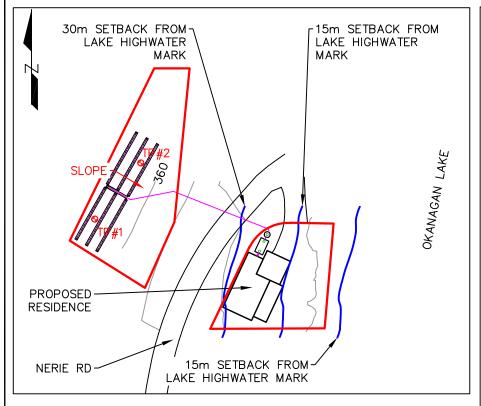
- I. PRE-CONSTRUCTION MEETING
- 2. AFTER EXCAVATION/SCARIFICATION PRIOR TO SAND INSTALLATION
- 3. FIELD INSTALLATION COMPLETE PIPE INSTALLED (PRIOR TO BACKFILL/LATERAL COVERAGE)
- 4. PUMP SELECTION AFTER TANK AND FIELD INSTALL ELEVATION FROM PUMP TO FIELD NEEDS TO BE CONFIRMED PRIOR TO PUMP
- 5. COMMISSIONING (SYSTEM START UP) REQUIRES PUMP CHAMBER HALF FULL WITH CLEAN WATER.

PROJECT: 22-030-S THIS DRAWING IS NOT FOR **SPROUT** CONSTRUCTION UNLESS SO SEALED 7 NERIE RD SEWERAGE SYSTEM PLOT PLAN & GENERAL NOTES

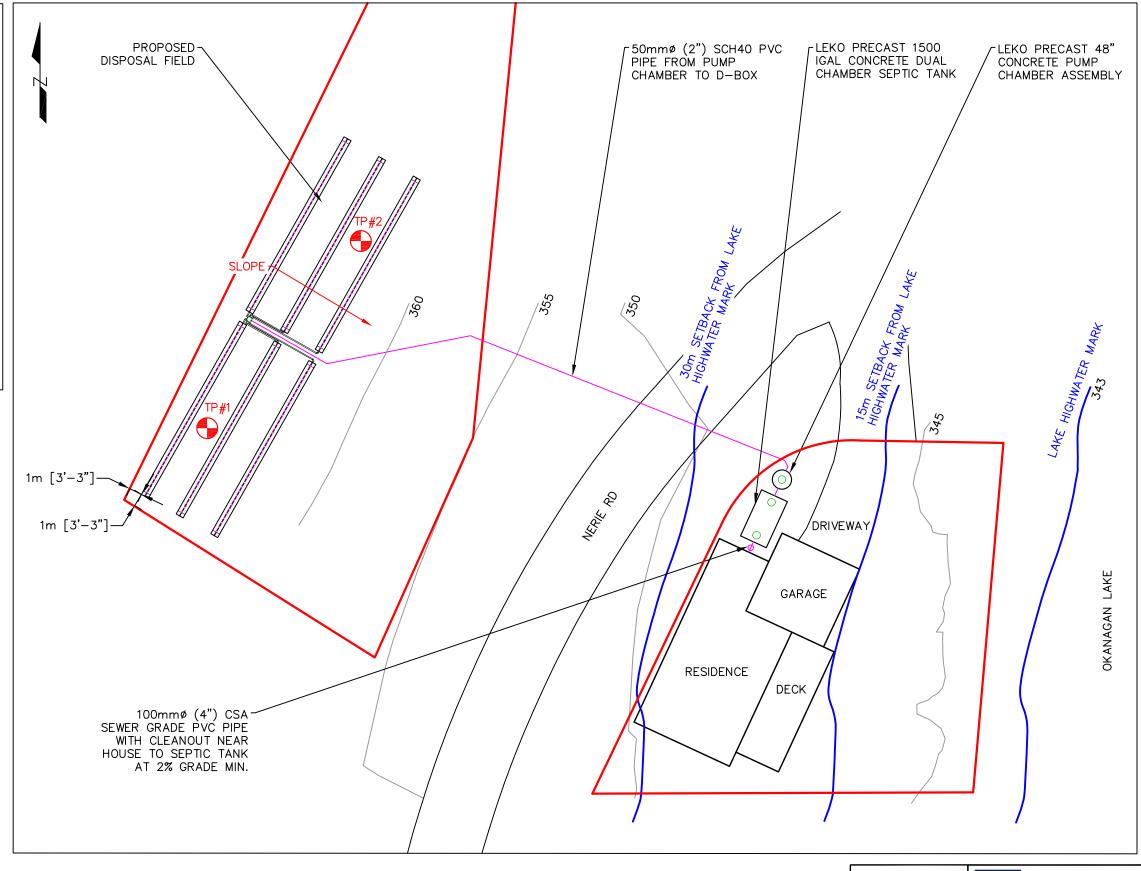


250.832.8380

DRAWING NO. 22-030-01



SITE PLAN SCALE: 1:1000



SYSTEM LOCATION SCALE: 1:300

CLIENT: PROJECT: 22-030-S SPROUT 7 NERIE RD SEWERAGE SYSTEM

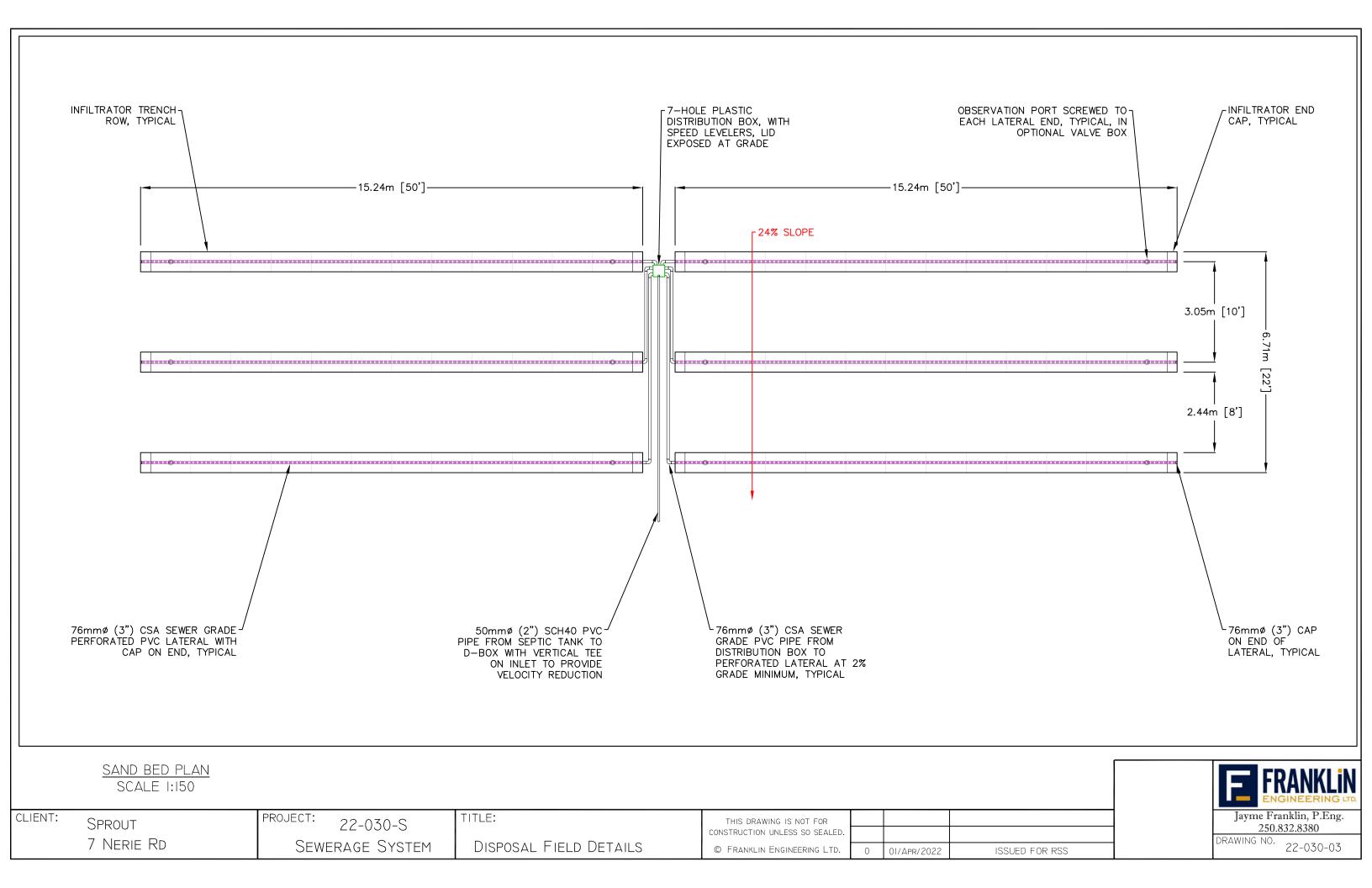
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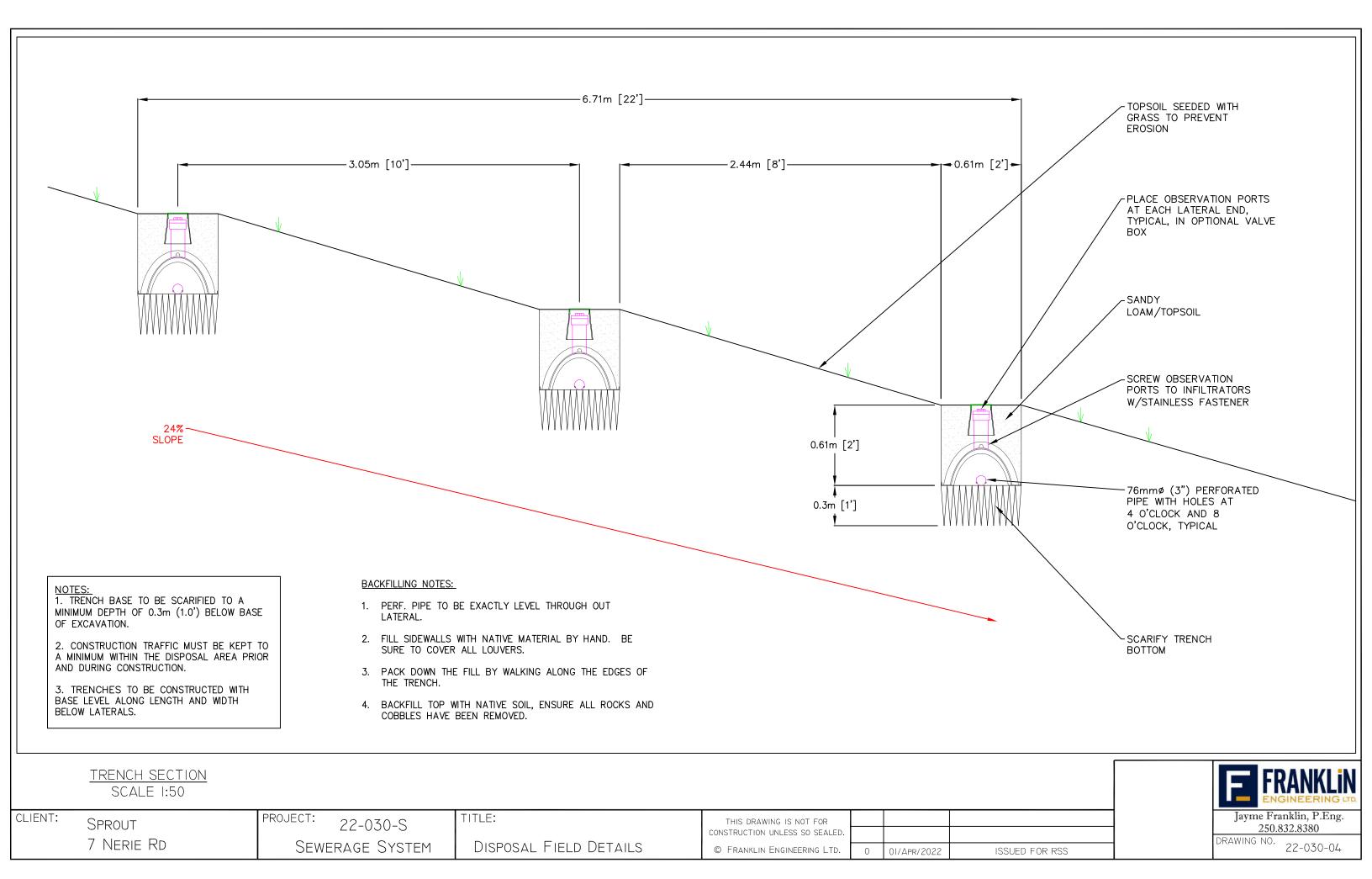
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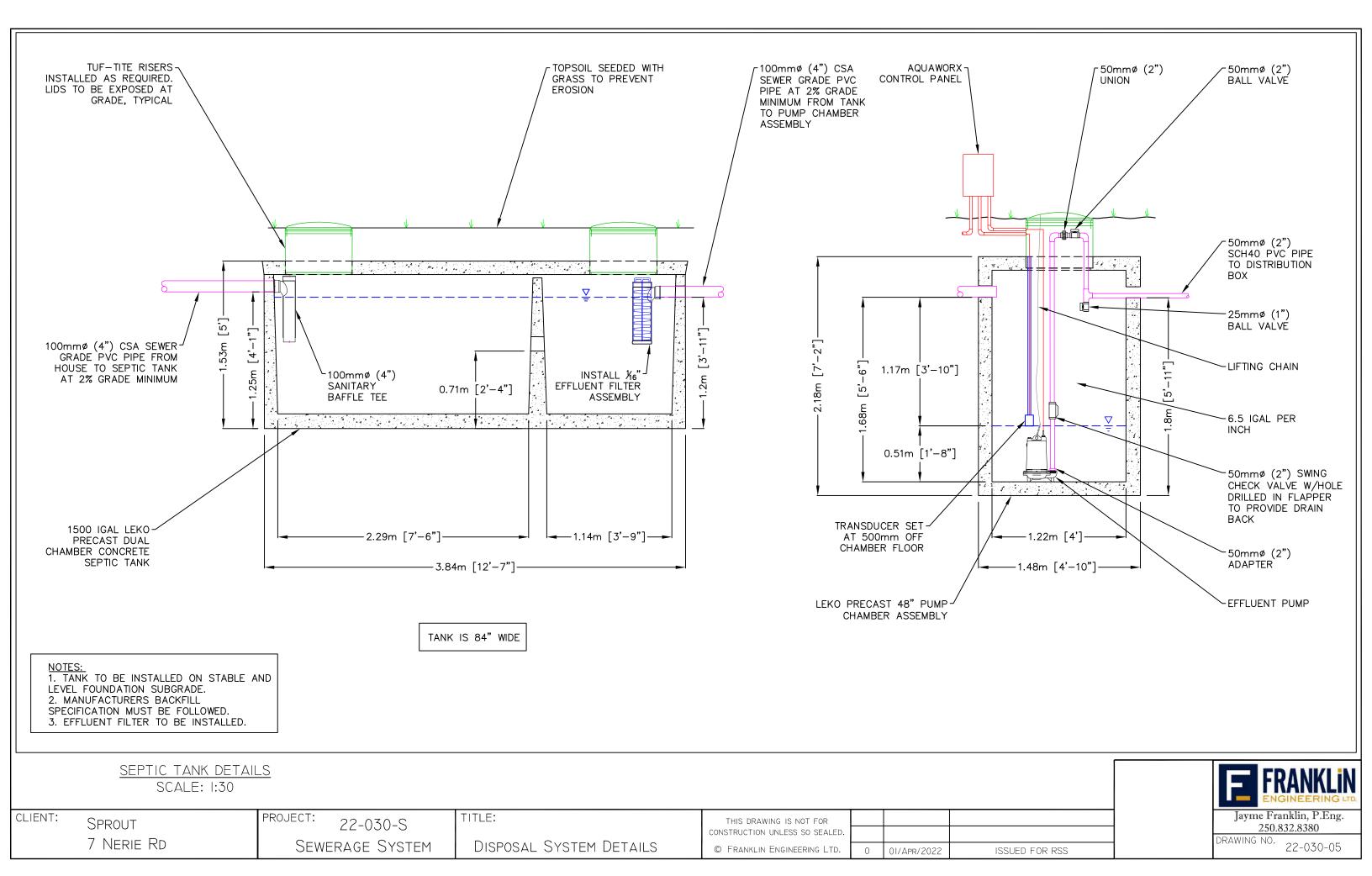
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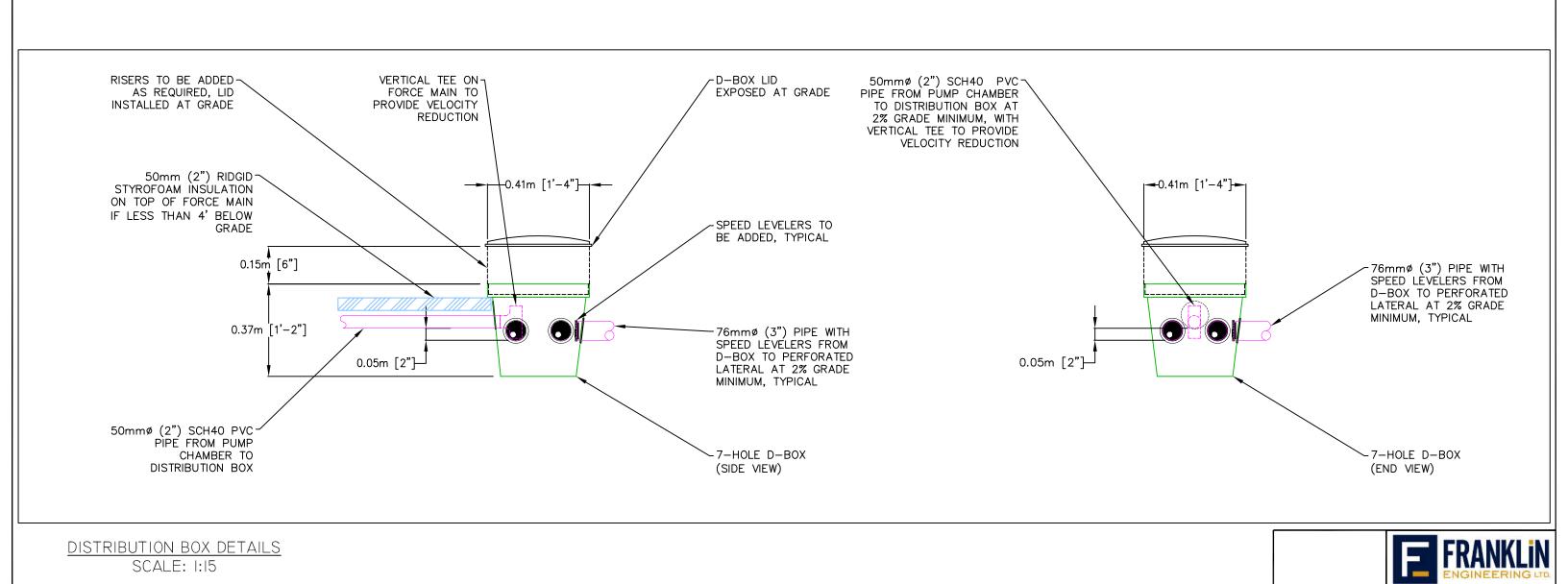


Jayme Franklin, P.Eng. 250.832.8380 DRAWING NO. 22-030-02









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22-030-06

DRAWING NO.

CLIENT:

SPROUT

7 NERIE RD

PROJECT:

22-030-S

SEWERAGE SYSTEM

TITLE:

DISPOSAL SYSTEM DETAILS