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The diagram illustrates the wiring for a motor control system. It features a VFD (Variable Frequency Drive) at the top, a PPR (Programmable Power Relay) in the middle, and various temperature sensors at the bottom. The VFD has terminals for AI 0+, AI 0-, AO 0+, and AO 0-. The PPR has terminals for 18 WT, 18 BK, and 18 SH. The temperature sensors are labeled with their respective terminals and functions: STATOR HOUSING LEAKING (P1, P2), MAIN BEARING TEMPERATURE (P1, P2), TEMPERATURE GUARD STATOR WINDINGS (P3, P4), and THERMAL SWITCHES GUARD STATOR WINDINGS (P3, P4). The diagram shows the connections between these components, including the use of 18 WT, 18 BK, and 18 SH wires.

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The diagram shows a terminal block with connections for various sensors and outputs. The connections are labeled with their respective terminals and functions: (909) 2, (905) 2, (406) 2, (726) 2, (924) 2 (RT), (925) 2, (926) 2 (RT), and (927) 2. The diagram also shows the connection of a 18 SH wire to ground.

P= SPD PROTECTED
TERMINAL SIDE

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TERMINAL SIDE

SCALE:	N.T.S.	-	ADDED FTB DRAWING NOTES AND LAYER	10-18-2013	JG
DESIGN:	JAG / LS				
DRAWN BY:	JG				
APPROVED BY:	MM	NO	REVISION	DATE	BY



WASTEWATER DIVISION,
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TITLE:

LIFT STATIONS STANDARDS ≥ 50 HP VFD WITH SSRVS PUMP CONTROLLER CONTROL WIRING SCHEMATIC PART 4