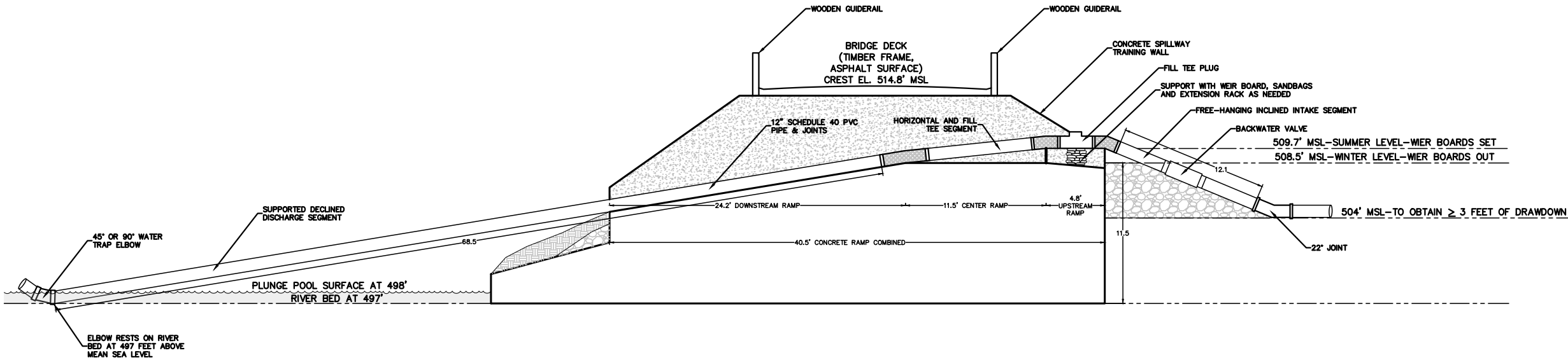


NOTES:

1. THE JOINT LEADING INTO THE FREE-HANGING INCLINED INTAKE SEGMENT (BETWEEN THE FILL TEE PLUG AND THE BACKWATER VALVE) SHOULD BE A RIGID GLUED PVC COUPLING. IF A RUBBER COLLAR IS USED, THE INCLINED SEGMENT MAY SEPARATE AS AN UNSUPPORTED SECTION WITH EXCESSIVE WATER WEIGHT INSIDE, INCREASING AS THE LAKE LEVEL RISES.
2. SIPHON TUBES WILL BE TURNED AS NEEDED PRIOR TO GLUING INSIDE THE 22' JOINTS TO MATCH THE ACTUAL ANGLES OF THE LAKE EMBANKMENT AND THE DISCHARGE SEGMENT CONCRETE RAMP.
3. THE TERMINAL DISCHARGE ELBOW JOINT MUST REST ON THE RIVER BED AT THE 497' ELEVATION WITH NO ROCKS STACKED BENEATH IT.
4. SUPPORT RACKS TO HOLD AND SECURE TWO 12" SIPHONS AND ONE 6" SIPHON TO BE DESIGNED AND BUILT AT P&LC DISCRETION.
5. WEIR BOARD REMOVAL OR USE AS A SUPPORT WILL BE AT P&LC DISCRETION.
6. A MINIMUM DIFFERENTIAL OF FOUR VERTICAL FEET IS REQUIRED BETWEEN THE INTAKE TERMINAL OPENING AND THE DISCHARGE EXIT PORT. IN THIS CONFIGURATION, THE INTAKE BASE IS AT 504 FEET WITH INTAKE TOP AT 505 FEET AND PROVIDES FOR A THREE-FOOT DRAWDOWN; THE DISCHARGE BASE IS AT 497 FEET AND PROVIDES A DIFFERENTIAL OF 5.5 VERTICAL FEET (504 - 498.5 = 5.5).
7. ALL ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (AMSL).

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SCALE: 1" = 10'-0"

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