

JULY 2009

ALL HARDWARE TO BE STAINLESS STEEL 316

SCHEMATIC: NOT INTENDED FOR CONSTRUCTION. SEE PROJECT DRAWINGS.

ELEVATION

N.T.S.

NO. 4, 6" OC IN CENTER (SEE PUMP STATION GENERAL NOTES FOR WET WELL WALL REINFORCING)

STAINLESS STEEL BOLTS AND ANCHORS FOR PUMP BASE ON STAINLESS STEEL BASE PLATE (SEE SECTION 8.07B)

PAINT INSIDE AND OUTSIDE WALLS AND UNDERSIDE OF TOP SLAB OF WET WELL AND VALVE BOX W/ 2 COATS OF COAL TAR EPOXY NO. 4, 6" OC

THE LIFT STATION WET WELL SHALL CONFORM TO THE FOLLOWING SIZE:

WETWELL DIMENSIONS	DEPTH (ft)	DIAMETER (ft)
	0-10	6
	11-15	8
	16-20	10
	21-25	12

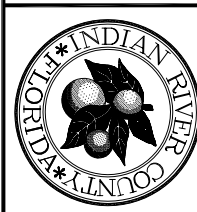
OR AS APPROVED BY IRODUS ENGINEER.

NOTES

1. CONTRACTOR TO CONTACT IRODUS INSPECTOR PRIOR TO PUMP STATION CONSTRUCTION.
2. SEE NOTES AND PLAN VIEW DRAWING NO. S-13 AND S-14 FOR DRAIN SCHEDULE AND PUMP STATION GENERAL NOTES SEE SECTION 8.07B.
3. FOR ELECTRICAL DETAILS SEE DRAWING S-16.
4. STRUCTURE DIMENSIONS MAY VARY UPON APPROVAL BY THE IRODUS DUE TO ROYALTY COMPENSATION OR OTHER REQUIREMENTS.
5. GATE VALVE TO BE LOCATED AT FORCE MAIN JUNCTION.
6. STAINLESS STEEL LIFTING BALLS SHALL BE USED.
7. GRINDER PUMPS SHALL BE A MAXIMUM OF 5.0 HORSE POWER UNLESS OTHERWISE APPROVED BY IRODUS.
8. ELECTRICAL CONTROL PANEL SHALL CONFORM TO PUMP MANUFACTURER'S & SCADA SYSTEM REQUIREMENTS.
9. SAFETY NET WITH STAINLESS STEEL HARDWARE SHALL COVER WETWELLS.
10. LIFER FOR ALL WETWELLS SHALL BE HDPE OR FIBERGLASS CANNOT EXCEED 25'.
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12. LIFER STATION SHALL BE LOCATED IN A DEDICATED EASEMENT 20' MINIMUM SETBACK FROM HOMES, CURB DE S/C & A/VARY FROM SURFACE BODY WATER.

DRAWING NO. 14

INDIAN RIVER COUNTY DEPARTMENT OF UTILITIES SERVICES



TYPICAL PUMPING STATION (CROSS SECTION)