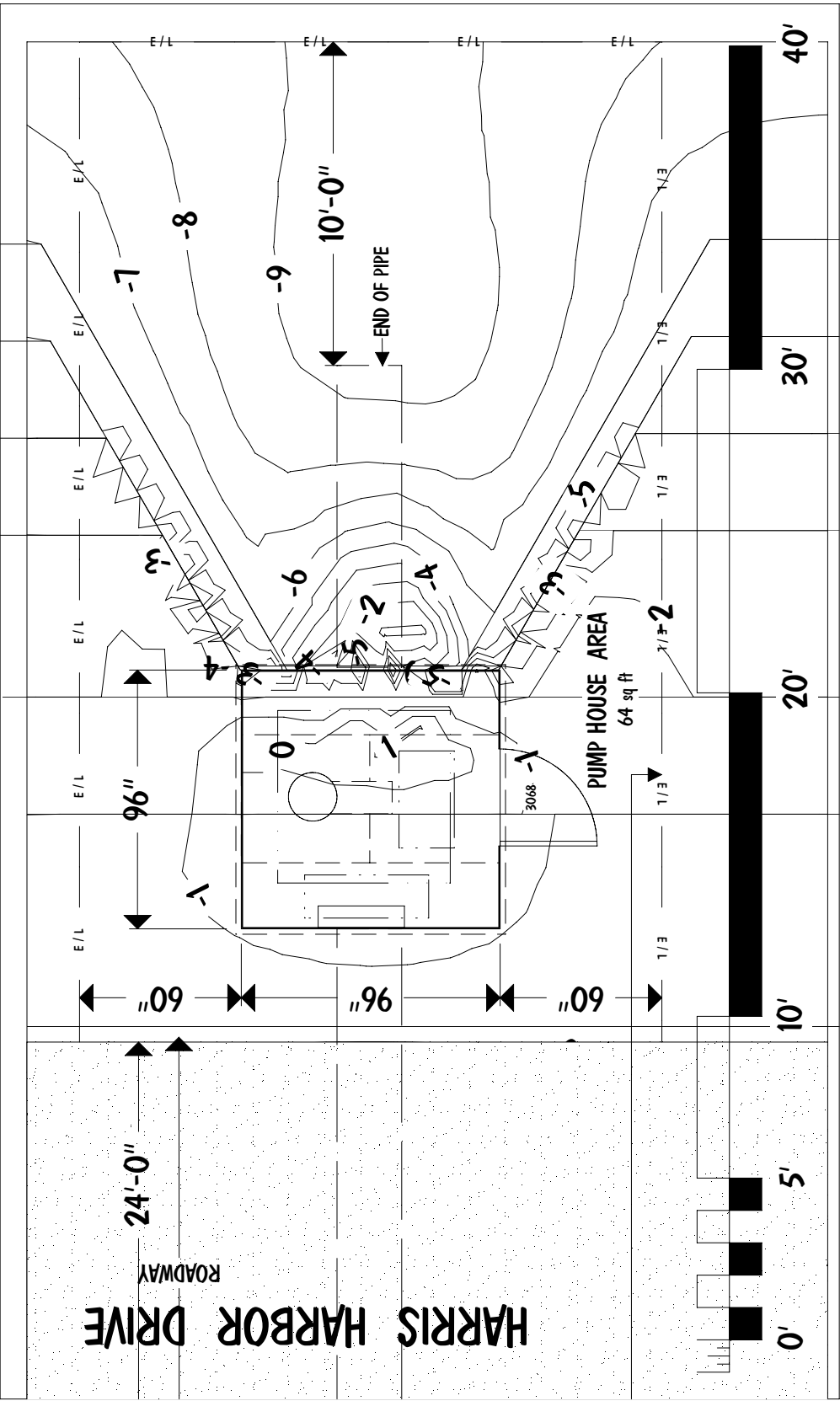
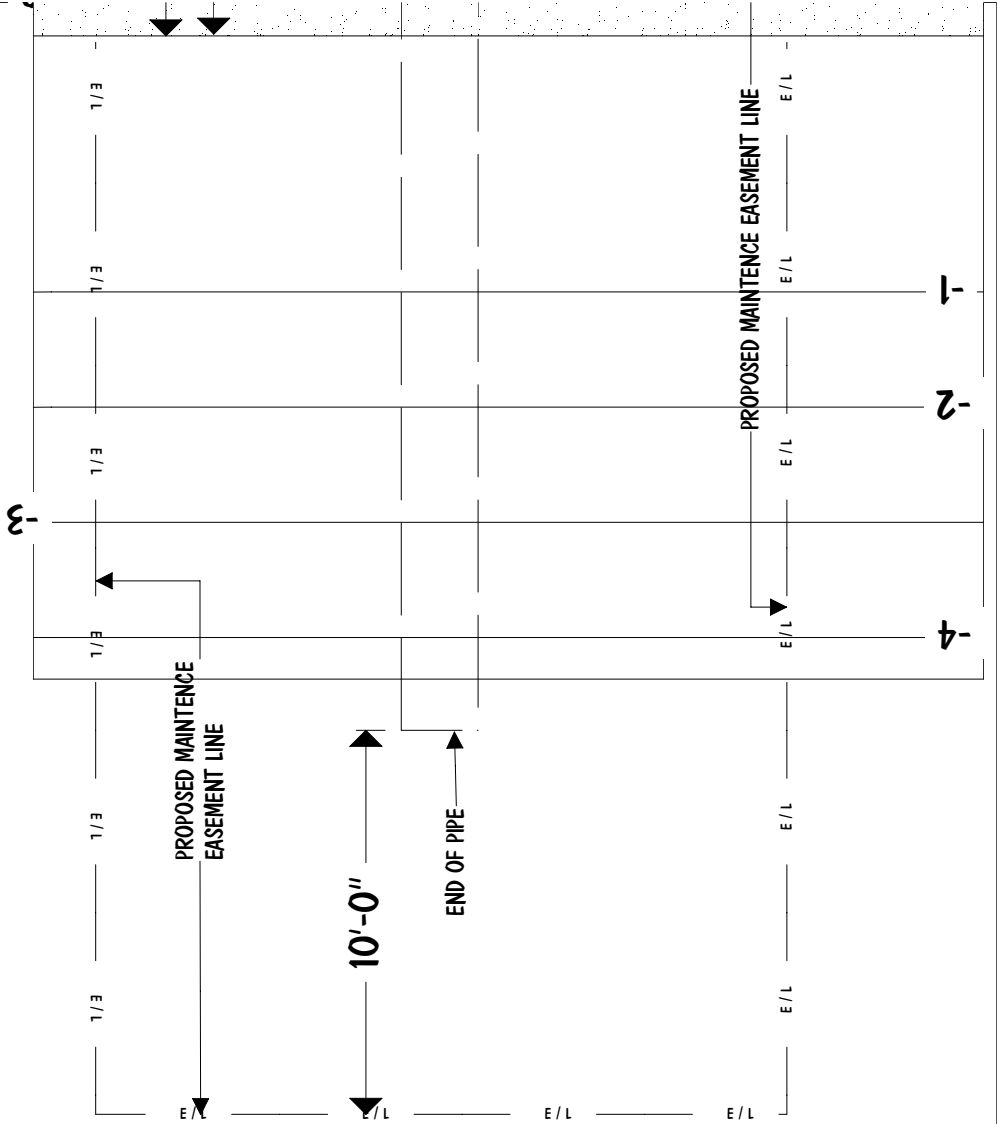


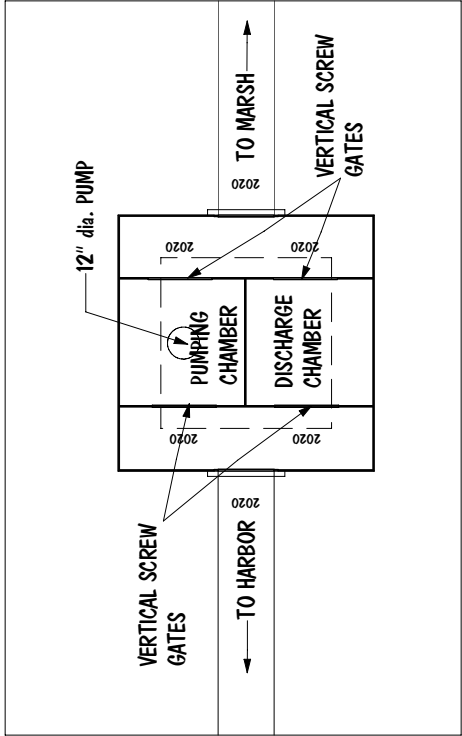
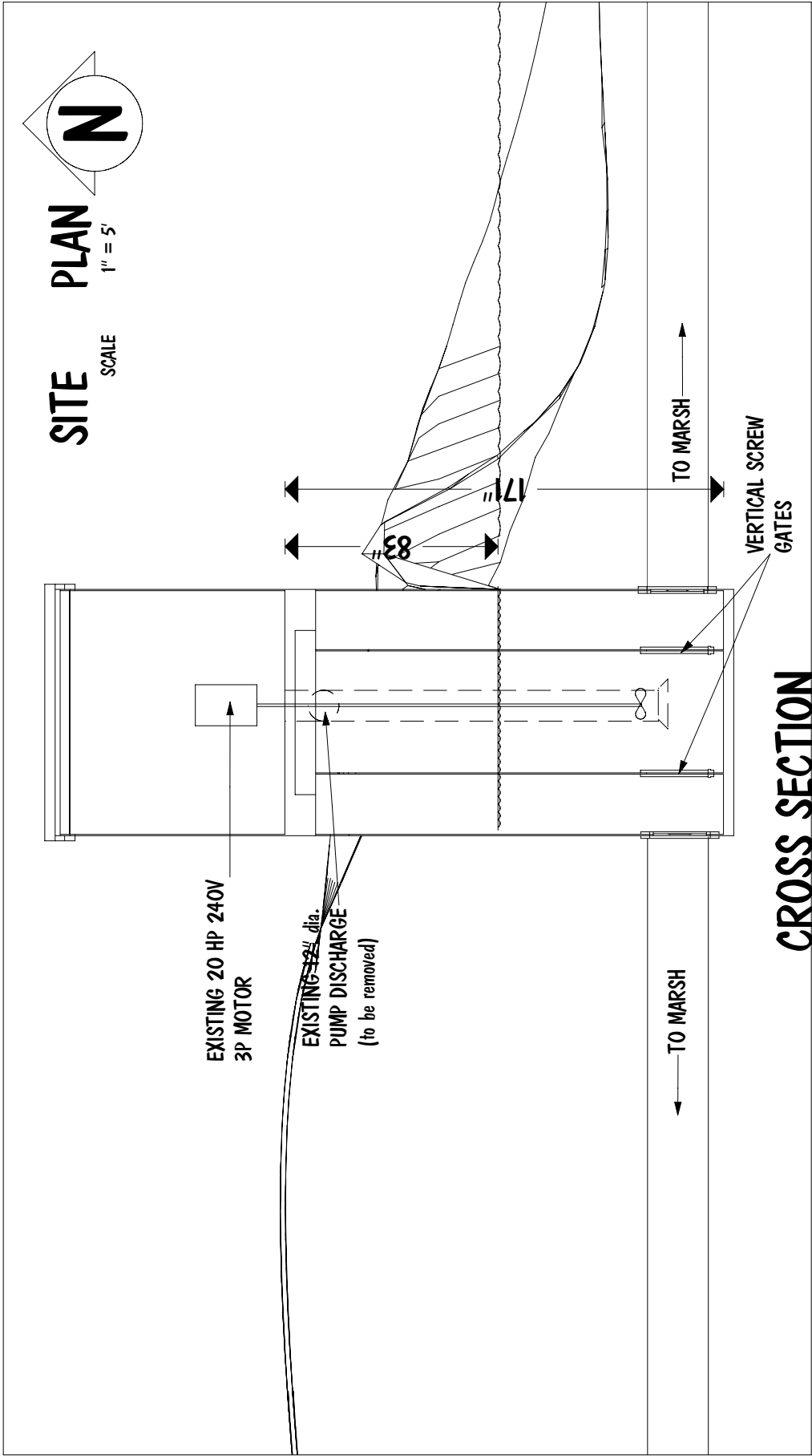


rev 1 30 Nov 2010 RAY DETAILS ADDED, PUMP OPERATION REVD REVISIONS

GCDG MARSH PUMP HARRIS HARBOR DRIVE	EXISTING PUMP HOUSE	YOUNG & ASSOC. SANDUSKY, OHIO 44870 419-626-2299
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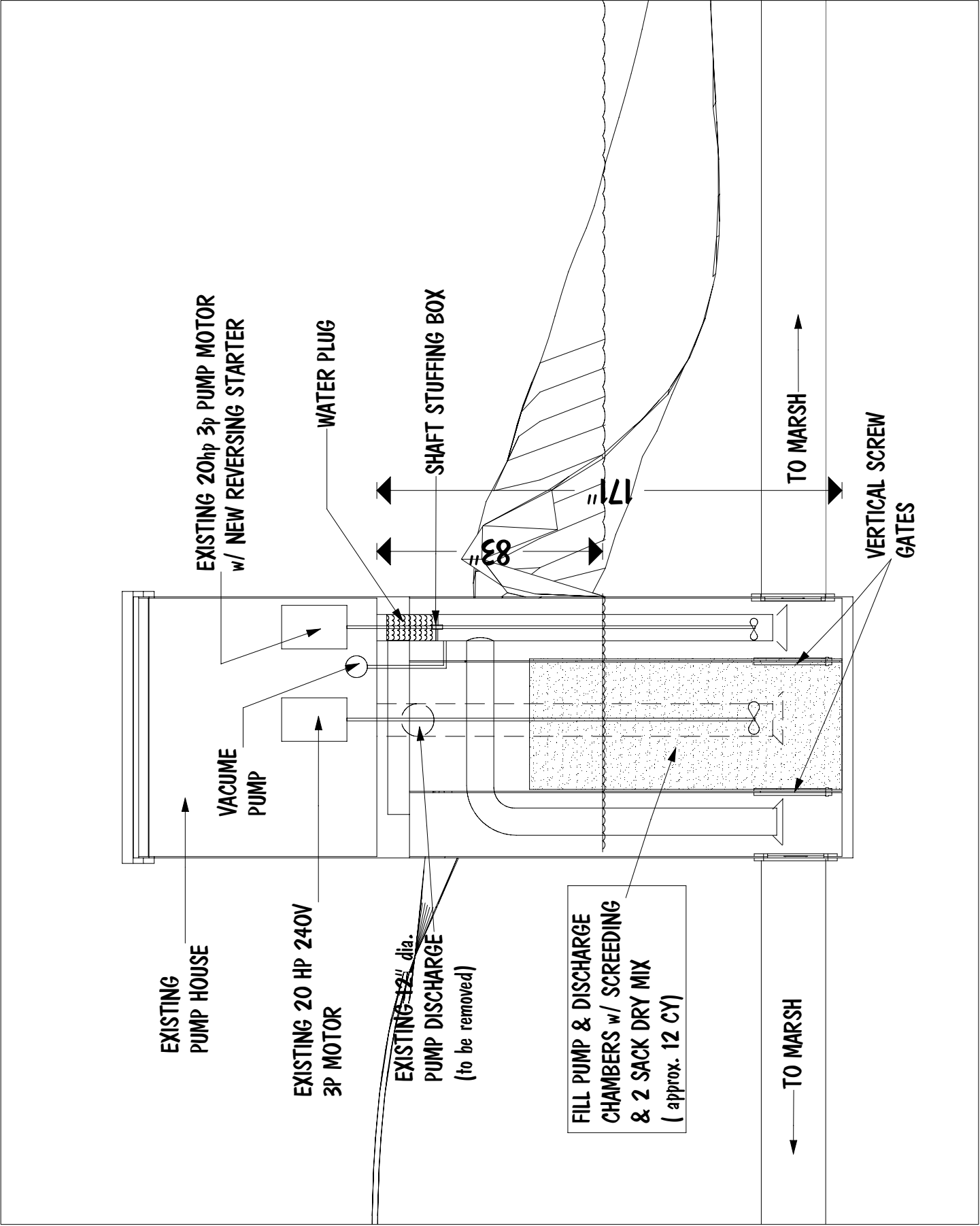
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PUMPING LEVEL

SCALE 1" = 5'



OPERATION

EMPTY MARSH

MANUAL OPERATION PUMP OPERATES IN NORMAL MODE w/o USE OF VACUUM PUMP

FILL MARSH

MANUAL OPERATION WATER PLUG FILLED w/ WATER, VACUUM PUMP PULLS WATER UP ABOVE CROSS OVER PIPE, PUMP OPERATES IN REVERSE MODE. UPON COMPLETION THE VACUUM IS RELEASED AND A AIR GAP IS FORMED TO PREVENT LEAKAGE

GCDG MARSH PUMP

HARRIS HARBOR DRIVE

PROPOSED PUMP HOUSE MODIFICATION

YOUNG & ASSOC., RESIDENTIAL DRAFTING DESIGN & DEVELOPMENT

SANDUSKY, OHIO 44870

419-626-2299

rev 1 30 Nov 2010 RAY
DETAILS ADDED,
PUMP OPERATION REV'D
REVISIONS

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