

HOIST CAPACITY = 1.5 x PUMP WT; MIN. 1.0 TON CAPACITY HOIST ELECTRIC WINCH BY THERN-ROL OR APPROVED EQUAL

ALUMINUM LOCKABLE ACCESS DOOR.

TOP OF SLAB (NOTE 3)

48"x48" MIN. ACCESS HATCH WITH FALL PROTECTION NET AND PADLOCK LUGS BY BILCO, HALLIDAY, OR US FOUNDRY

S.S. PIPE RAILS

90° BEND

MANHOLE STEPS @ 16" O.C.

SEE NOTE 4, SHEET 2

SLEEVE BOOT @ PRECAST OP'G (DETAIL 532.01)

GRAVITY SEWER INFLUENT LINE

S.S. OR ALUMINUM TRASH BASKET

LIQUID LEVEL SENSORS (MERCURY FLOAT)

BY-PASS PUMP "ON"

HIGH WATER ALARM "ON"

DUAL ALARM FLOATS

LAG. PUMP "ON"

POWER CABLE

LEAD PUMP "ON"

PUMPS "OFF" - BY-PASS PUMP "OFF" (ON SEPARATE FLOAT) (ALSO ALTERNATES LEAD/LAG SEQUENCE)

PUMP

SUCTION INLET

BOT WETWELL

OVEREXCAVATE 1 FOOT DEEP AND BACKFILL WITH No. 57 STONE

4"-6" DIA. DI VENT WITH S.S. INSECT SCREEN (THRU TOP SLAB)

SEE DETAIL 534.03 FOR CONTROL PANEL RAINHOOD DETAIL

UPPER GUIDE BRACKET PROVIDE S.S. GUIDE SUPPORT

PRECAST REINFORCED CONCRETE SQUARE TOP (NOTE 1)

1/2" CHAMFER SEE SHEET 2 FOR VALVE BOX

TO JCT. BOX THRUST COLLAR DETAIL 512.02

FLOAT SWITCHES SHALL BE SUSPENDED BY STAINLESS STEEL BUS DROP STYLE (KELLUM GRIP) OF SUITABLE DIA. FOR O.D. FLOAT CORD (5-REQ'D.) FASTENED TO S.S. CABLE W/EPOXY COATED WEIGHT

3" SCH 80 PVC DRAIN FROM VALVE BOX. SEE SHEET 2

WALL SLEEVE (TYPICAL)

3" BACKWATER VALVE

DIP

ALL JOINTS TO BE T&G AND WILL HAVE MASTIC JOINT SEALER

INFI-SHIELD EXTERNAL SEALING SYSTEM ON ALL BURIED JOINTS

316 SS PIPE GUIDE SUPPORT @ 10'-0" CTRS.

FURNISH AND INSTALL SS PIPE GUIDE BAR

COAT INSIDE OF WETWELL WITH 12 MILLS TNEMC SERIES 66 HI-BUILD EPOXOLINE. SEE SPECS FOR COLOR.

DISCHARGE CONNECTION

GROUT

WETWELL TO HAVE EXTENDED BASE (NOTE 1)

PRECAST REINFORCED CONC. SECTIONS PER ASTM C-478

NOTE: ALL FASTENERS SHALL BE STAINLESS STEEL



TOWN of CLAYTON

USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

TYPICAL WETWELL/VALVE VAULT DETAIL

SCALE: Not To Scale	DETAIL # 534.02
REVISION DATE: July, 2010	SHEET #: 1 3