



NOTES:
 1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE H-14-107748.

- KEYED NOTES:**
CIVIL
- (C1) GOULDS 450 SUBMERSIBLE SEWAGE PUMP 1.5 HP, 3 PHASE/460V, 4IN DISCHARGE (45D52F4E)
 - (C2) ROTO-FLOAT MODEL S 40 N 0 LIQUID LEVEL REGULATORS, EACH PROVIDED WITH A MINIMUM OF 40 FEET OF ELECTRICAL CABLE.
 - (C3) 36"x78" ACCESS FRAME WITH HINGED AND HASP EQUIPPED COVER, TOW UPPER GUIDE HOLDERS, CHAIN HOLDERS AND CABLE HOLDERS. ACCESS FRAMES SHALL BE H-20 LOADING.
 - (C4) 36"x54" ACCESS FRAME WITH HINGED AND HASP EQUIPPED COVER, TOW UPPER GUIDE HOLDERS, CHAIN HOLDERS AND CABLE HOLDERS. ACCESS FRAMES SHALL BE H-20 LOADING.
 - (C5) CONTROL PANEL SHALL BE QUALITY CONTROL INC. NO. 1825, 1 PHASE OR 3825, 3 PHASE WITH ALL COMPONENTS FOR OPERATING TWO PUMPS AND LIQUID LEVEL REGULATORS, STRUTHERS-DUNN ALTERNATOR RELAYS, GENERATOR RECEPTACLE AND ANGLE ADAPTOR AND NEMA 3R STAINLESS STEEL ENCLOSURE.
 - (C6) 4" STEEL VENT PIPE WITH 90° ELBOW & FLANGES.
 - (C7) WETWELL: CAST IN PLACE CONCRETE. APPLY TWO COATS OF APPROVED BITUMINOUS OR EPOXY SEALER ON EXTERIOR SURFACES OF THE WELL.
 - (C8) 4" FLOXFLG PLUG VALVE NON-LUBRICATED NICKEL IRON, NEOPRENE COATED PLUG, 100% OPENING VALVE.
 - (C9) 4" FLOXFLG CHECK VALVE, IRON BODY, BRONZE MOUNTED WITH BRONZE FACED DISC. WEIGHT AND LEVER TYPE HORIZONTAL SWING CHECK VALVE.
 - (C10) 4" FLOXFLG DUCTILE IRON 90° ELBOW
 - (C11) 4" DUCTILE IRON PIPE SPOOL
 - (C12) 2" SCH.40 PVC SLOPE @ 1/4"/FT
 - (C13) 2" SCH.40 PVC 90° BEND
 - (C14) 4" FLOXFLG DUCTILE IRON TEE
 - (C15) 4" FLOXFLG 3-WAY PLUG VALVE 3 PORT, FLANGED, LEVER ACTIVATED OR APPROVED EQUAL. MOUNT THIRD PORT ON TOP.
 - (C16) 2" SCH 40 PVC CONDUITS, (3) CONDUITS OR AS REQUIRED.
 - (C17) CAST IN PLACE CONCRETE VALVE VAULT WITH PRECAST LID. APPLY TWO COATS OF APPROVED BITUMINOUS OR EPOXY SEALER ON EXTERIOR SURFACES OF THE VAULT.
 - (C18) 4x6 FLOXFLG DUCTILE IRON REDUCER

1 LIFT STATION PLAN
 SCALE: NONE

ARES
 CORPORATION Applied Research & Engineering Sciences

**90% REVIEW
 PRELIMINARY
 NOT FOR CONSTRUCTION**

NAME		U.S. DEPARTMENT OF ENERGY	
DESIGNED BY		Office of River Protection	
DRAWN BY		INSTALLATION OF	
CHECKED BY		2704HV TRAILER COMPLEX	
DATE		LIFT STATION DETAILS	
REV	DATE	BY	DESCRIPTION
1	2006 0104	F	H-14-107752 A
2	2006 0200	F	
3			
4			
5			
6			
7			
8			

DWG NO	TITLE	REF NUMBER	REFERENCES	DESCRIPTION	REV	DATE	BY	CHK	APP
H-14-107747	DRAWING LIST/TITLE SHEET								
	DRAWING TRACEABILITY LIST								

H-14-107752