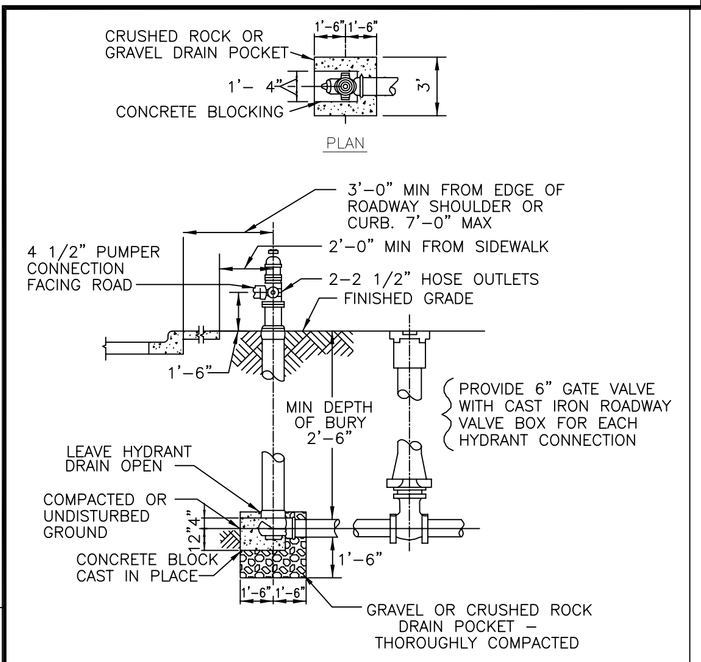
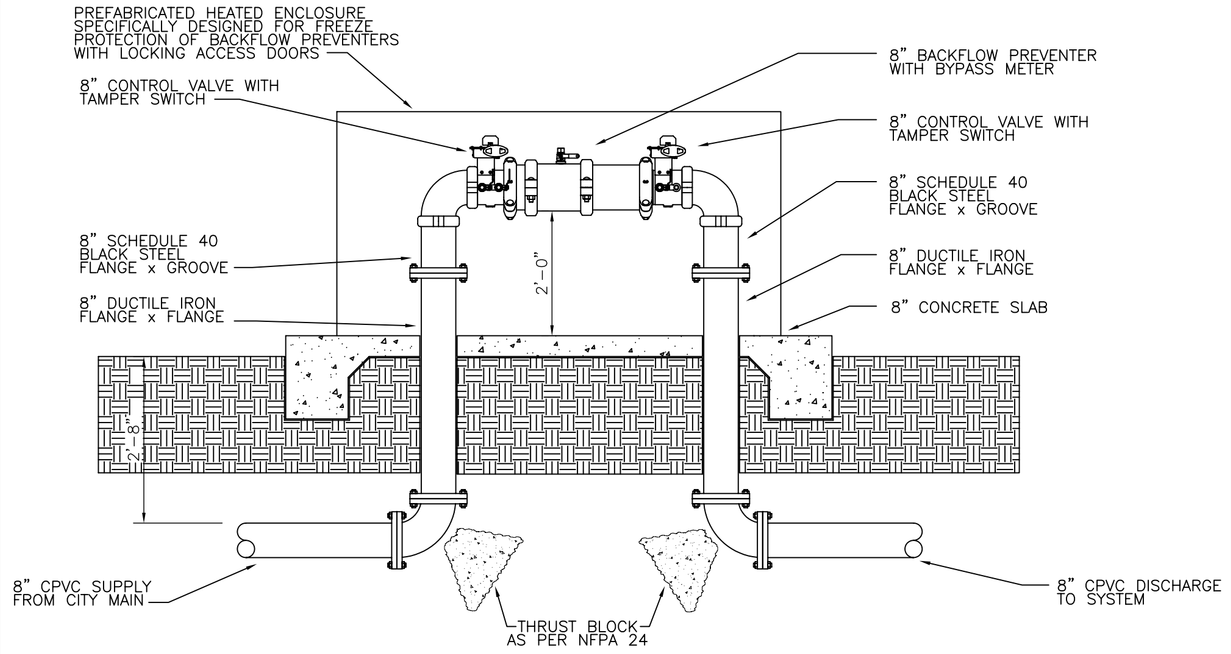
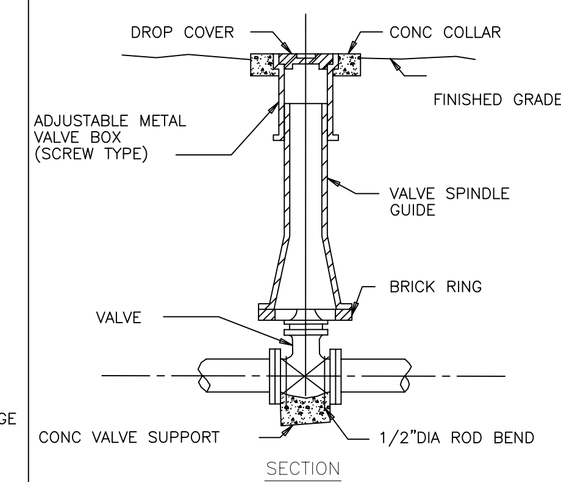


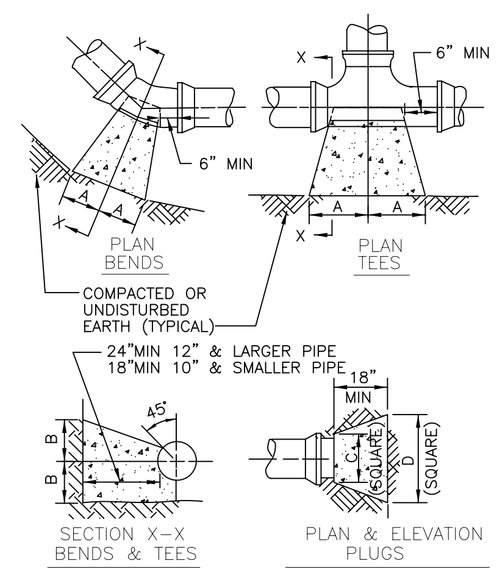
FIRE HYDRANT 46 C6.1
NOT TO SCALE



BACKFLOW PREVENTER DETAIL 47 C6.1
NOT TO SCALE

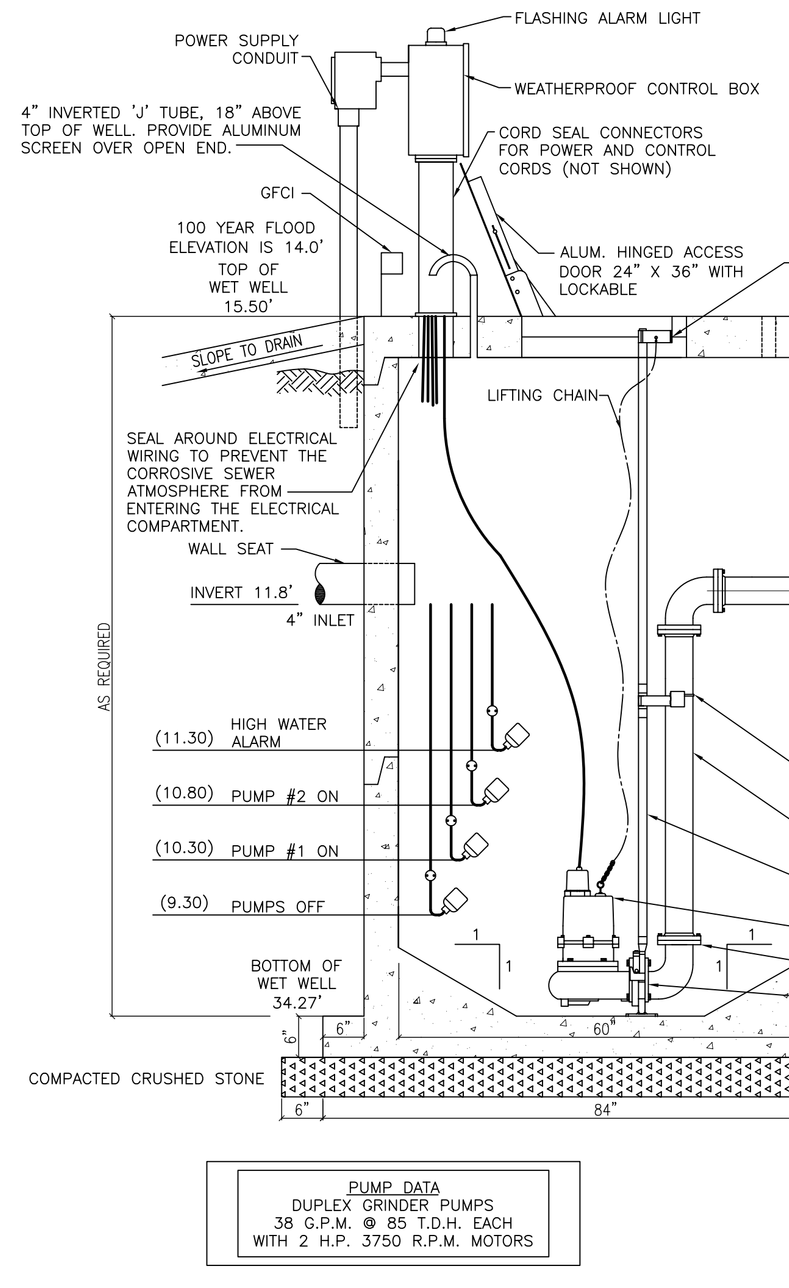


VALVE BOX 48 C6.1
NOT TO SCALE



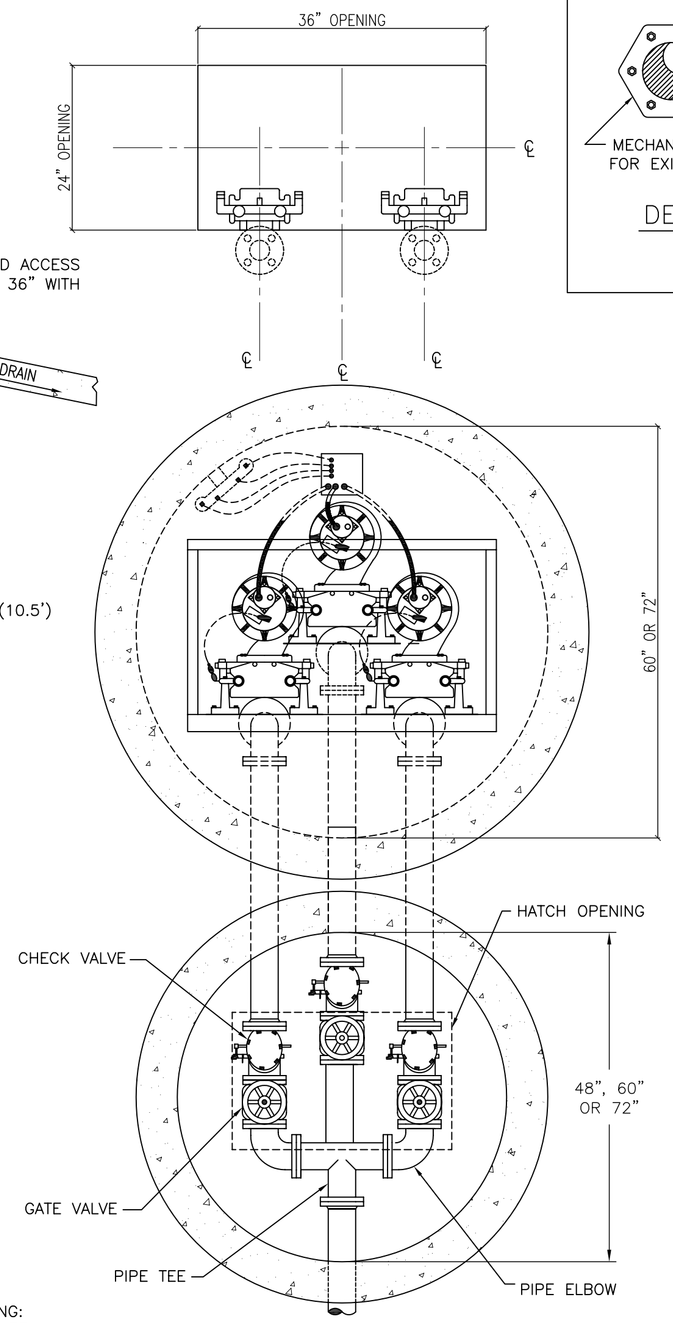
SIZE	1/4 BENDS A	1/4 BENDS B	1/8 BENDS A	1/8 BENDS B	1/16 BENDS A	1/16 BENDS B	TEES A	TEES B	PLUGS C	PLUGS D
6"	16"	10"	9"	10"	6"	8"	10"	12"	10"	21"
8"	22"	13"	12"	13"	8"	10"	13"	16"	12"	29"
10"	26"	17"	14"	17"	10"	13"	16"	20"	14"	36"
12"	29"	21"	16"	21"	11"	16"	18"	24"	16"	41"
14"	35"	24"	19"	24"	12"	20"	22"	27"	18"	48"
16"	38"	27"	21"	27"	12"	24"	24"	30"	20"	54"

THRUST BLOCKS 50 C6.1
NOT TO SCALE



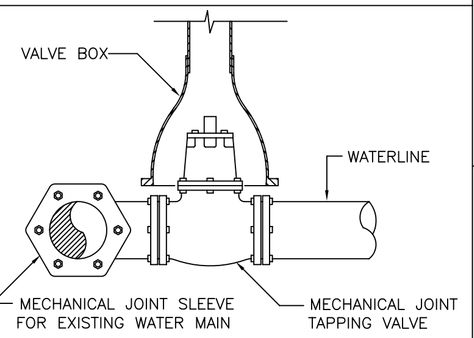
PUMP DATA
DUPLEX GRINDER PUMPS
38 G.P.M. @ 85 T.D.H. EACH
WITH 2 H.P. 3750 R.P.M. MOTORS

* CONCRETE STRENGTH IS 4,800 PSI @ 28 DAYS
* STRUCTURE JOINTS TO BE SEALED WITH FLAT BUTYL SEALANT (CONSEAL)
* REINFORCEMENT STEEL MEETS HS-20 LOADING REQUIREMENTS

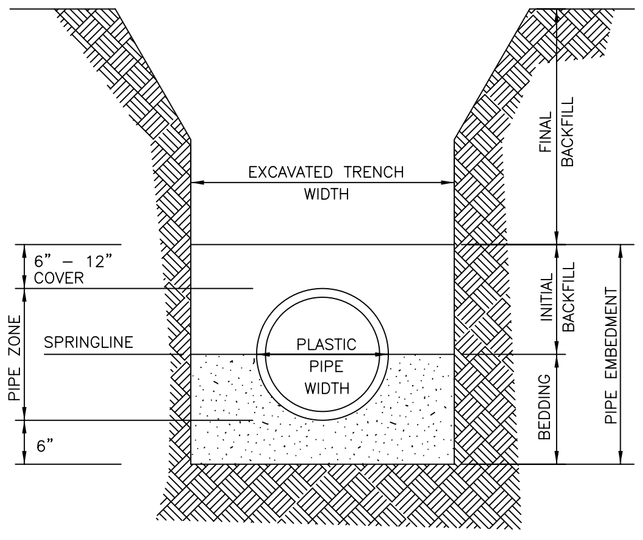


DUPLEX LIFT STATION DETAIL 51 C6.1
NOT TO SCALE

NOTE: CALC FOR SIZING:
PUMP 20 GAL/EMPLOYEE
OCCUPANT LOAD 95 EMPLOYEES
2000 GAL/DAY 4.2 GAL/MIN
PUMP + ADD IN 30 GAL/MIN FROM GREASE
THEN X 10% = 38 GAL/MIN



DETAIL-TAPPING SLEEVE 49 C6.1
NOT TO SCALE



NOTE: PROVIDE BEDDING IN ACCORDANCE WITH THE SPECIFICATIONS.

TRENCH FOR PLASTIC PIPE 52 C6.1
NOT TO SCALE

APPR
DATE
DESCRIPTION
STM

NAVFAC

DAMMON ENGINEERING, INC.
CHIEF ENGINEER EMMETT DAMMON, P.E.
CHIEF ARCHITECT ROBERT WILTSE
1095 FLORIDA AVENUE
SLIDELL, LA 70458
(985) 649-5832
SEPTEMBER 4, 2009

EMMETT G. DAMMON LICENSED PROFESSIONAL ENGINEER 9652 STATE OF MISSISSIPPI

DES: C. DAMMON | DRW: J. TIFFANY
REVIEWED BY: R. WILTSE
PM/DM: T. ARTRIP
CHIEF ENG/ARCH. P. DAMMON

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
IPT GULF COAST
NAVAL FACILITIES ENGINEERING COMMAND
JOHN C. STENNIS SPACE CENTER
NAVAL AIR STATION JACKSONVILLE
MISSISSIPPI

SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY - PRE-FINAL

UTILITY DETAILS

CODE ID. NO. N4412 | SIZE D
SCALE: AS SHOWN
MAXIMO NO. ######
STA. PROJ. NO. P-210
WORK ORDER NO. 510247
CONSTR. CONTR. NO. N62467-05-D-0096
NAVFAC DRAWING NO. 15026676
SHEET 29 OF 132

C6.5

DRAWFORM REVISION: 01 JAN 2009

ROBERT LEE WILTSE REG. NO. 27238 STATE OF LOUISIANA REGISTERED ARCHITECT

REVDATE: