

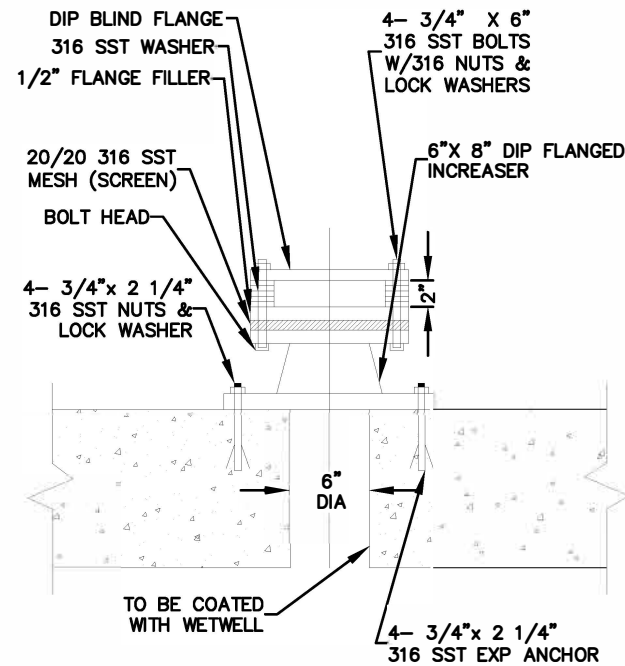


DATE: 08/24

DRAWN: KHA

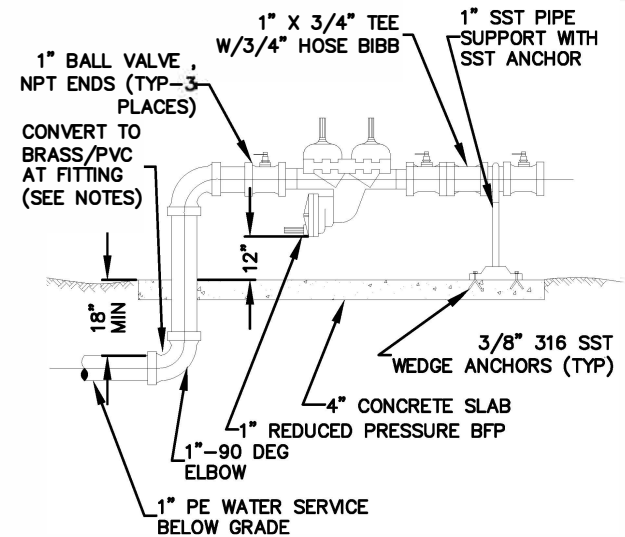
LIFT STATION  
STANDARD DETAILS

M-7



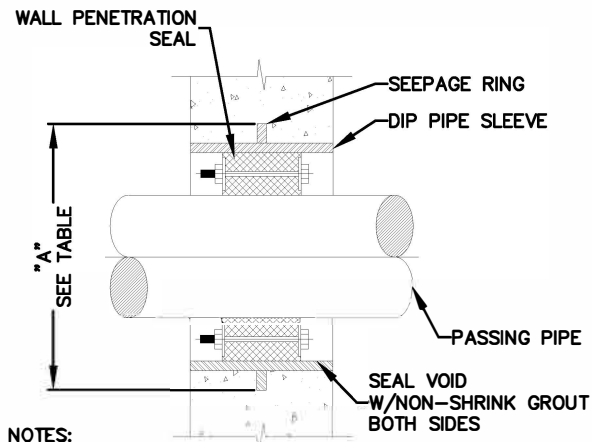
NOTE:  
THE PENETRATION FOR THE VENT ASSEMBLY SHALL BE LOCATED 1' INSIDE THE INTERIOR WETWELL WALL AND CENTERED OPPOSITE FROM THE DISCHARGE PIPING.

6" WETWELL VENT  
DETAIL  
NTS



NOTES:  
1. BACKFLOW PREVENTER LOCATED INSIDE FENCED AREA SHALL BE FEBCO MODEL 825YA (OR APPROVED EQUAL) AND SHALL USE SCHED 40 BRASS FOR ALL ABOVEGROUND PIPE/FITTINGS AND VALVES.  
2. BACKFLOW PREVENTER LOCATED OUTSIDE FENCED AREA SHALL BE UV RESISTANT COMPOSITE PLASTIC UBS RP-500 (OR APPROVED EQUAL) AND SHALL USE SCHED 40 PVC FOR ALL ABOVE GROUND PIPE/FITTINGS.

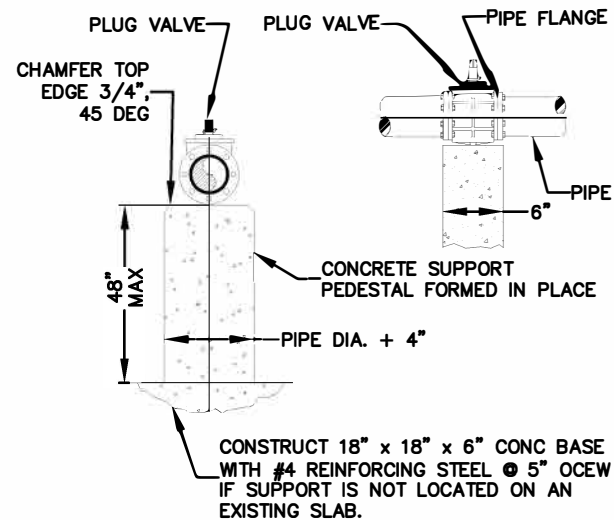
BACKFLOW PREVENTER  
DETAILS  
NTS



NOTES:  
1. ALL DIMENSIONS ARE GIVEN IN INCHES.  
2. USE ON NEW CONSTRUCTION, UNLESS OTHERWISE APPROVED BY THE CITY.

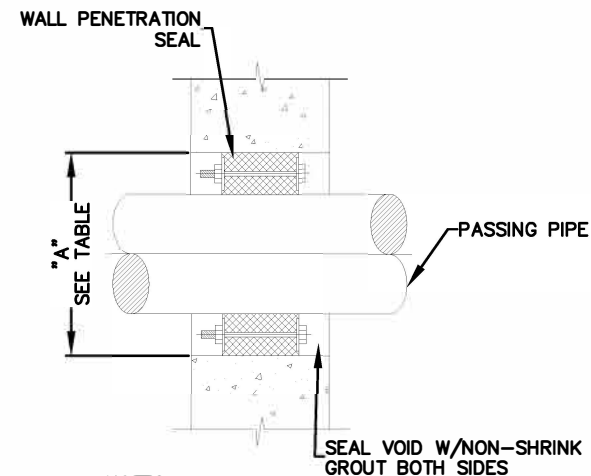
PIPE SIZE	NOMINAL SLEEVE DIA	"A"	PIPE SIZE	NOMINAL SLEEVE DIA	"A"
2	4	6	12	16	19
2-1/2	4	7	14	18	21
3	5	7-1/2	16	20	23-1/2
4	6	9	18	22	25
6	10	13	20	24	27-1/2
8	12	15	24	28	32
10	14	17			

WALL SLEEVE PENETRATION  
DETAIL  
NTS



NOTES:  
1. CONCRETE SHALL BE 4000 PSI, UNREINFORCED.  
2. SEE PLANS AND SECTIONS FOR PIPE ELEVATION REQUIREMENT.  
3. PIPE SUPPORT SUITABLE FOR PIPE SIZES 3" THROUGH 24" DIA.  
4. SUPPORT STRAIGHT PIPE SECTION, FITTING OR PLUG VALVE. DO NOT PLACE UNDER CHECK VALVE.

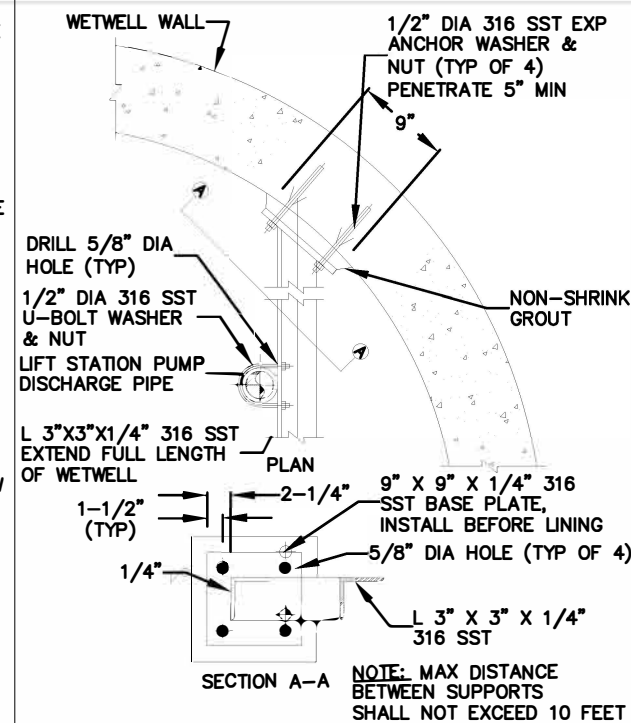
PIPE SUPPORT - CONCRETE PEDESTAL  
DETAIL  
NTS



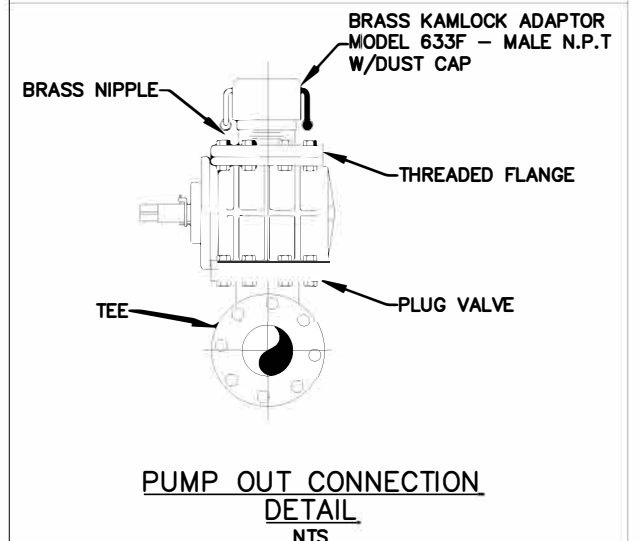
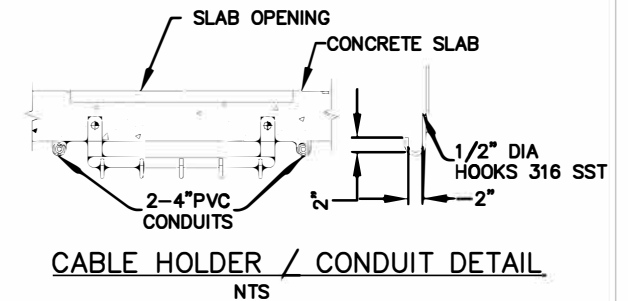
NOTES:  
1. ALL DIMENSIONS ARE GIVEN IN INCHES.  
2. USE ON EXISTING CONSTRUCTION.

PIPE SIZE	"A"	PIPE SIZE	"A"
2	4	12	16
2-1/2	4	14	18
3	5	16	20
4	6	18	24
6	10	20	24
8	12	24	30
10	14		

CORE DRILL PENETRATION  
DETAIL  
NTS



LIFT STATION PUMP DISCHARGE PIPE  
SUPPORT DETAIL  
NTS



PUMP OUT CONNECTION  
DETAIL  
NTS

