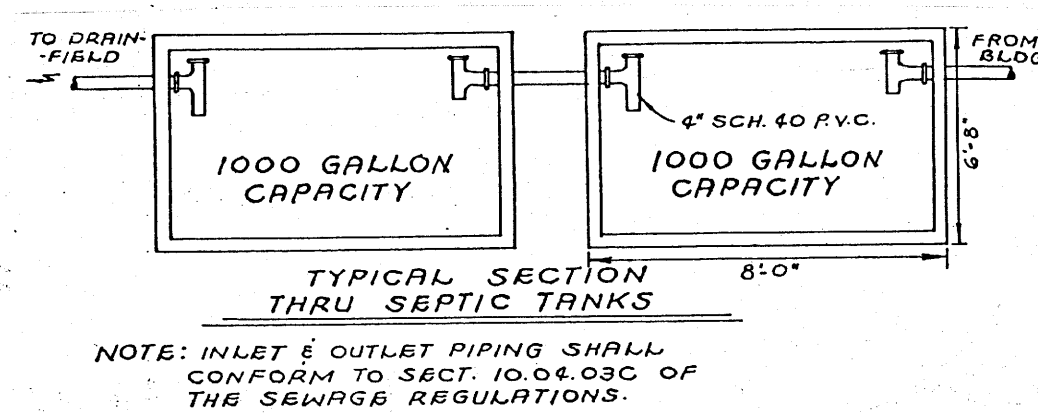
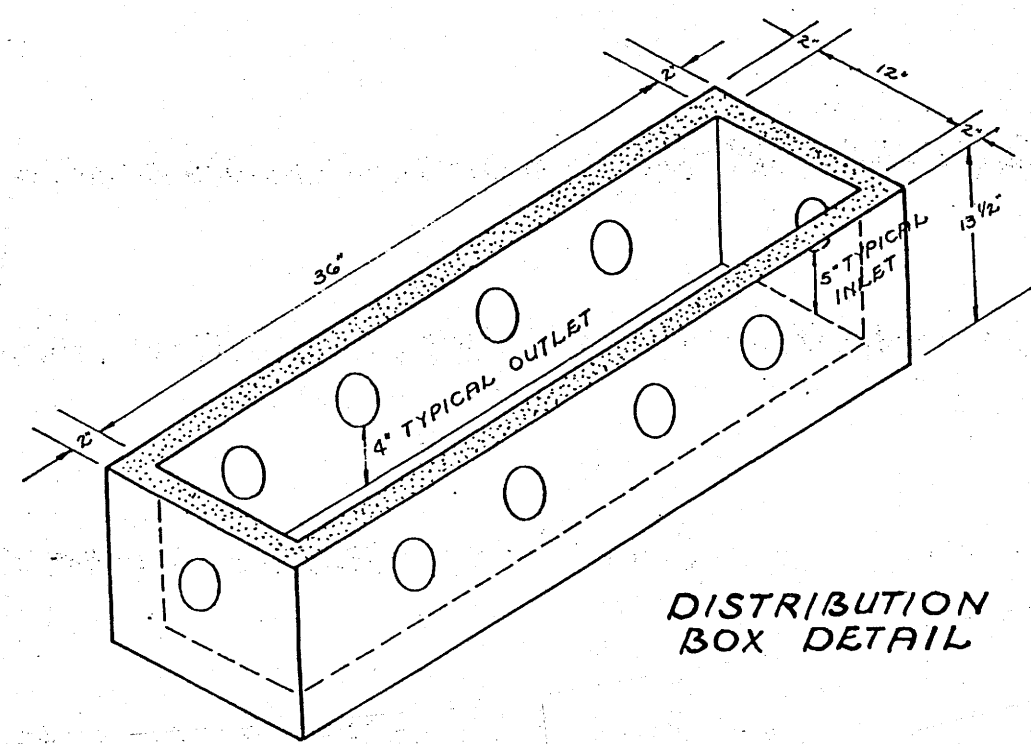
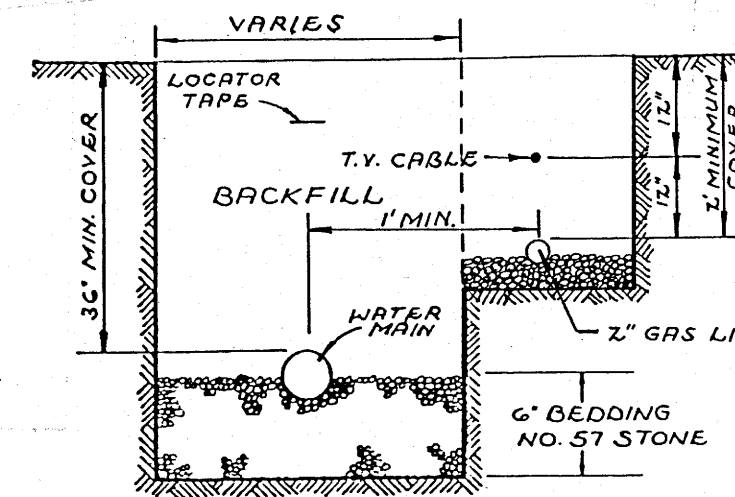


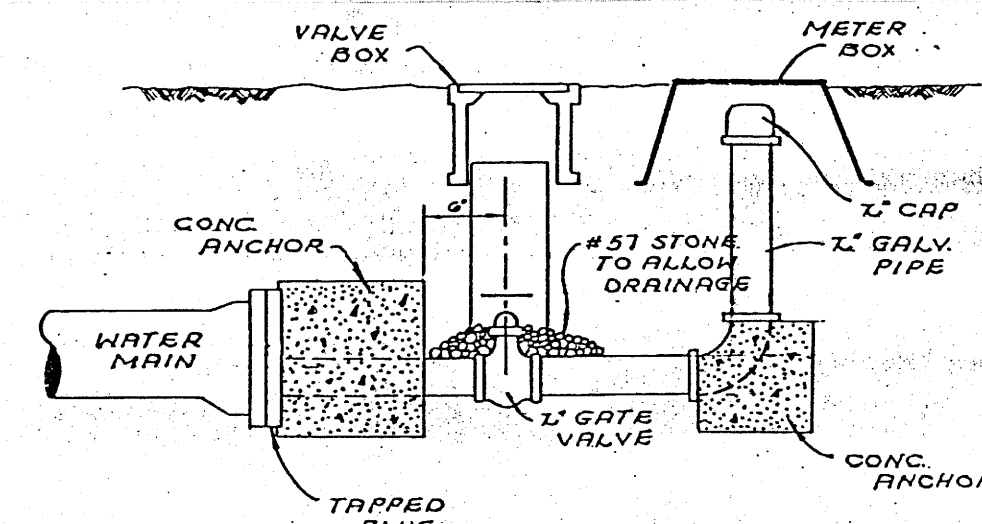


BACKWASH HOLDING TANKS

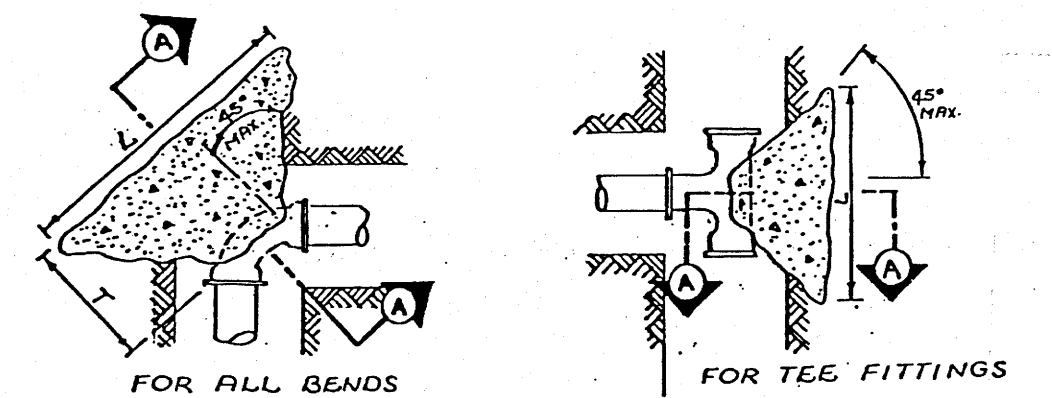


TYPICAL BEDDING DETAIL

NOTE: GAS LINE SHALL BE INSTALLED IN ACCORDANCE WITH NFPA-58 & ALL LOCAL CODES REGULATING L.P.G. SYSTEMS.

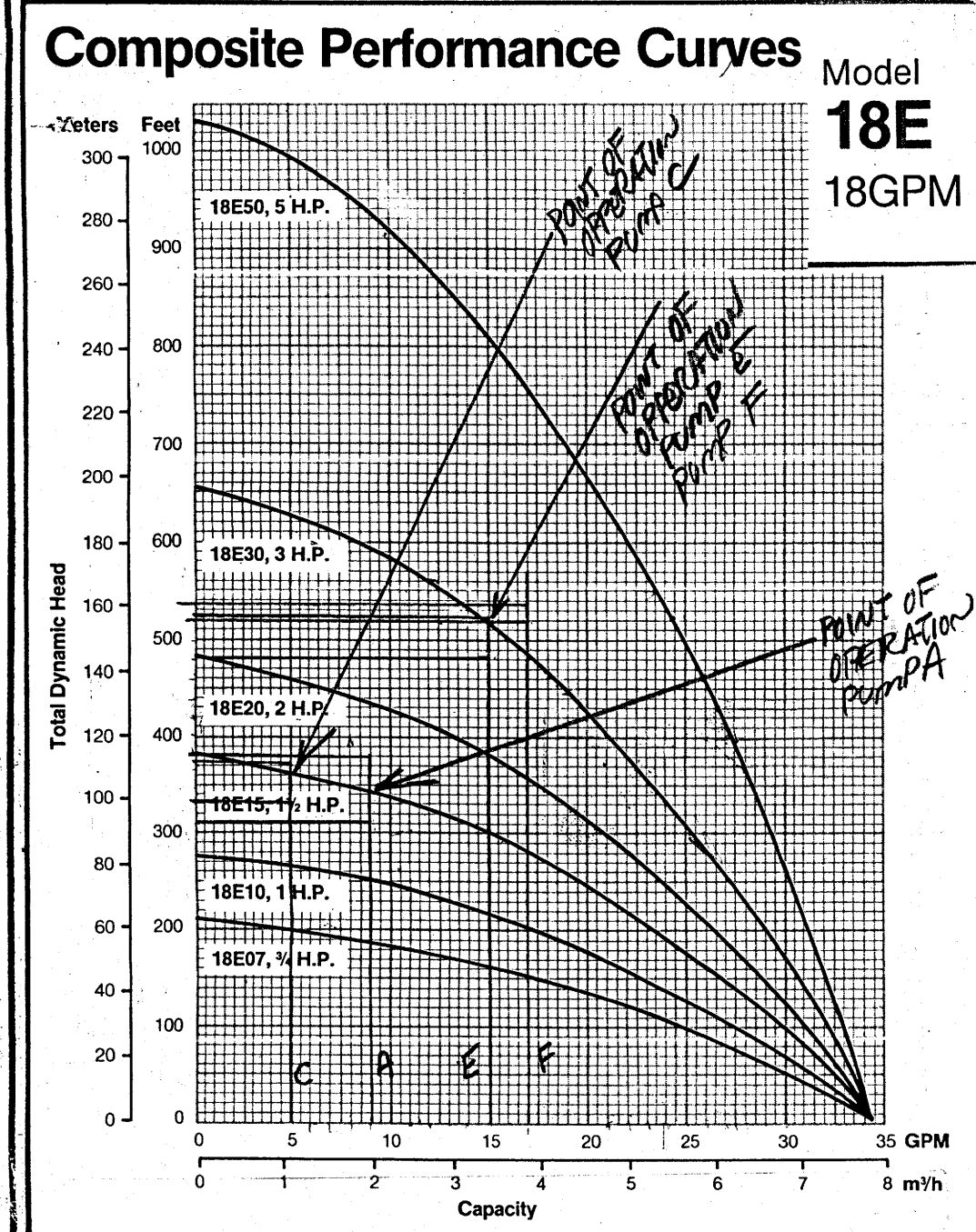


2" BLOW-OFF DETAIL



TYPE 'F' ANCHOR

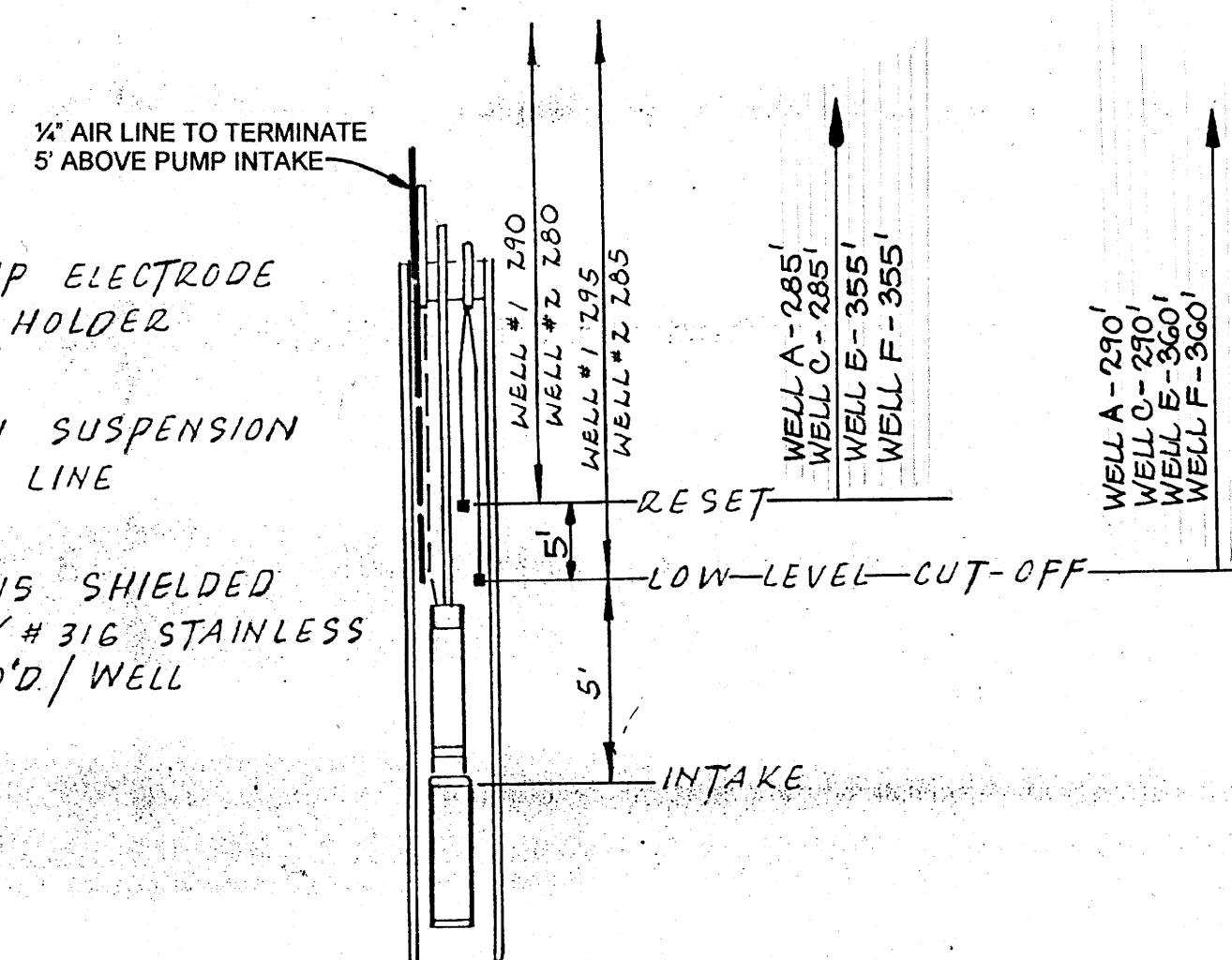
TYPE FITTING	PIPE SIZE (INCH)	DIMENSIONS (FT)		
		L	H	T
90°	6" x 8"	3.25	3.00	3.00
11 1/4"	6" x 8"	2.00	2.00	3.00
22 1/2"	6" x 8"	2.00	2.00	3.00
45°	6" x 8"	2.75	2.75	3.00
TEE	6" x 8"	3.00	3.00	2.75
PLUG	6" x 8"	3.00	3.00	2.75
11 1/4"	12" x 14"	2.00	2.50	3.00
22 1/2"	12" x 14"	2.50	2.75	3.00
45°	12" x 14"	3.75	3.25	3.00
90°	12" x 14"	6.50	4.25	3.75
TEE	12" x 14"	4.50	3.75	3.00
PLUG	12" x 14"	4.50	3.75	3.00



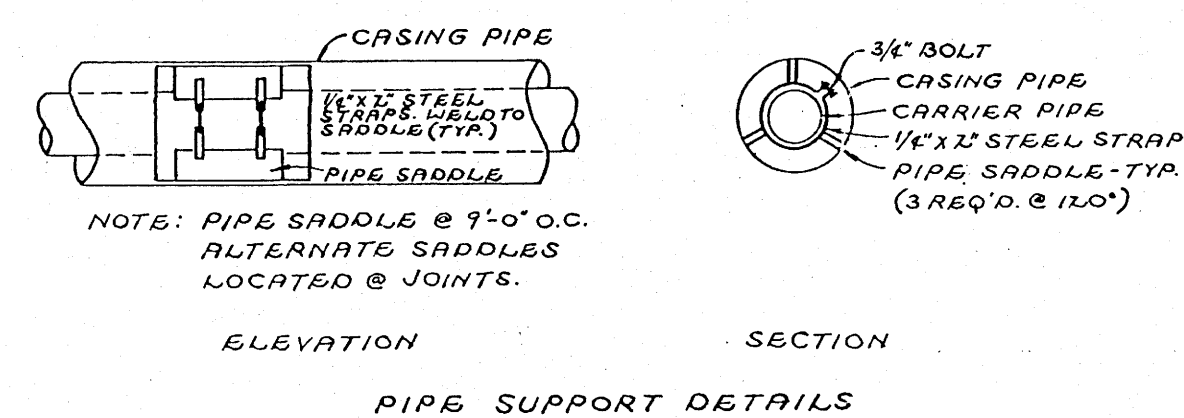
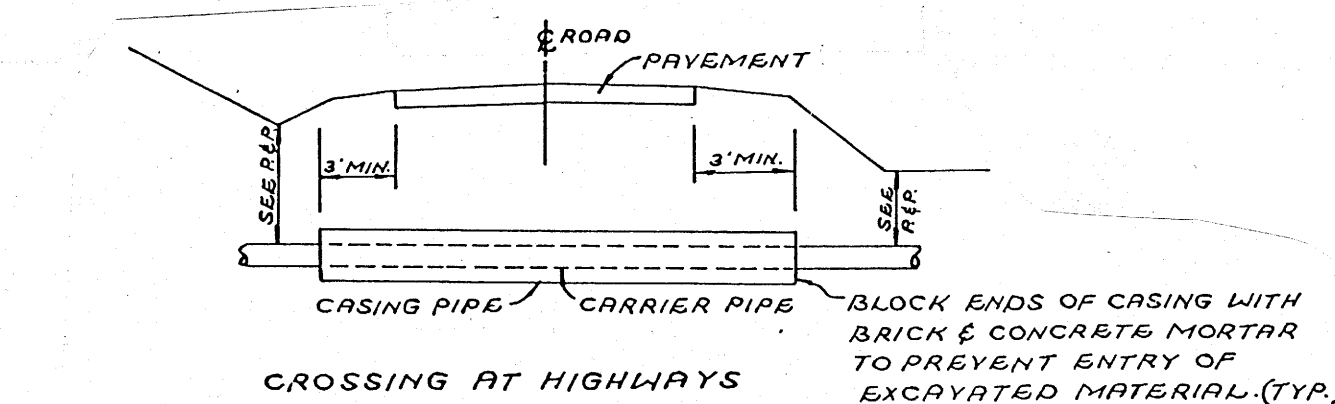
B-W CORD GRIP ELECTRODE HOLDER

B-W TYPE S-W SUSPENSION LINE

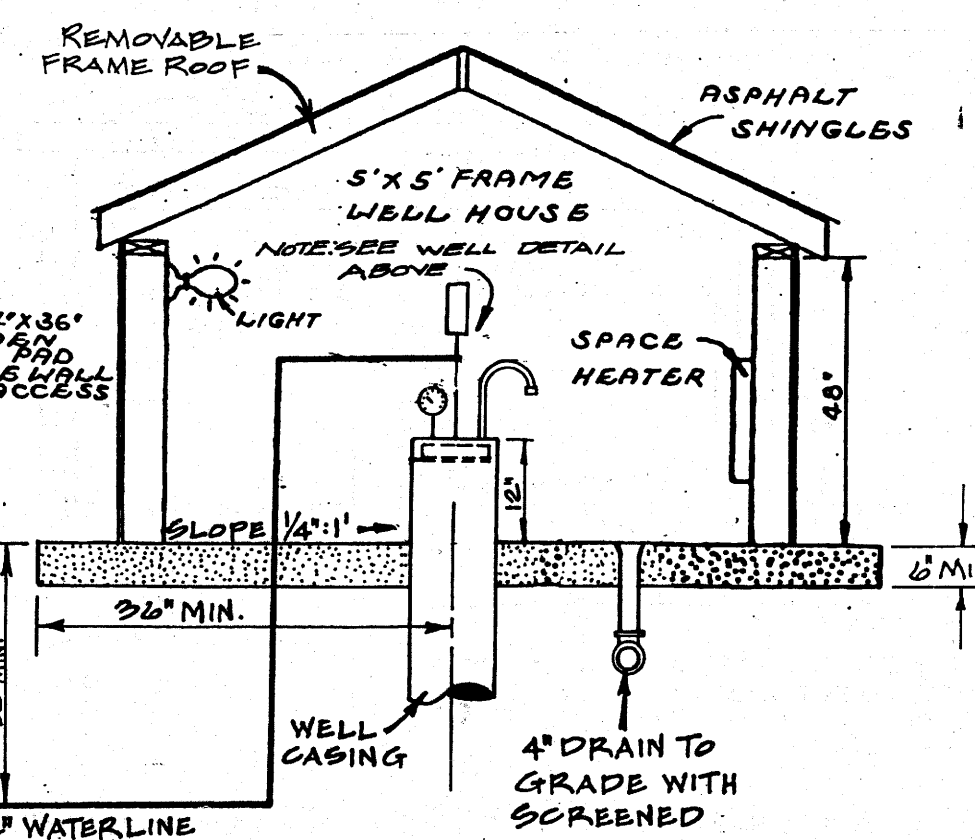
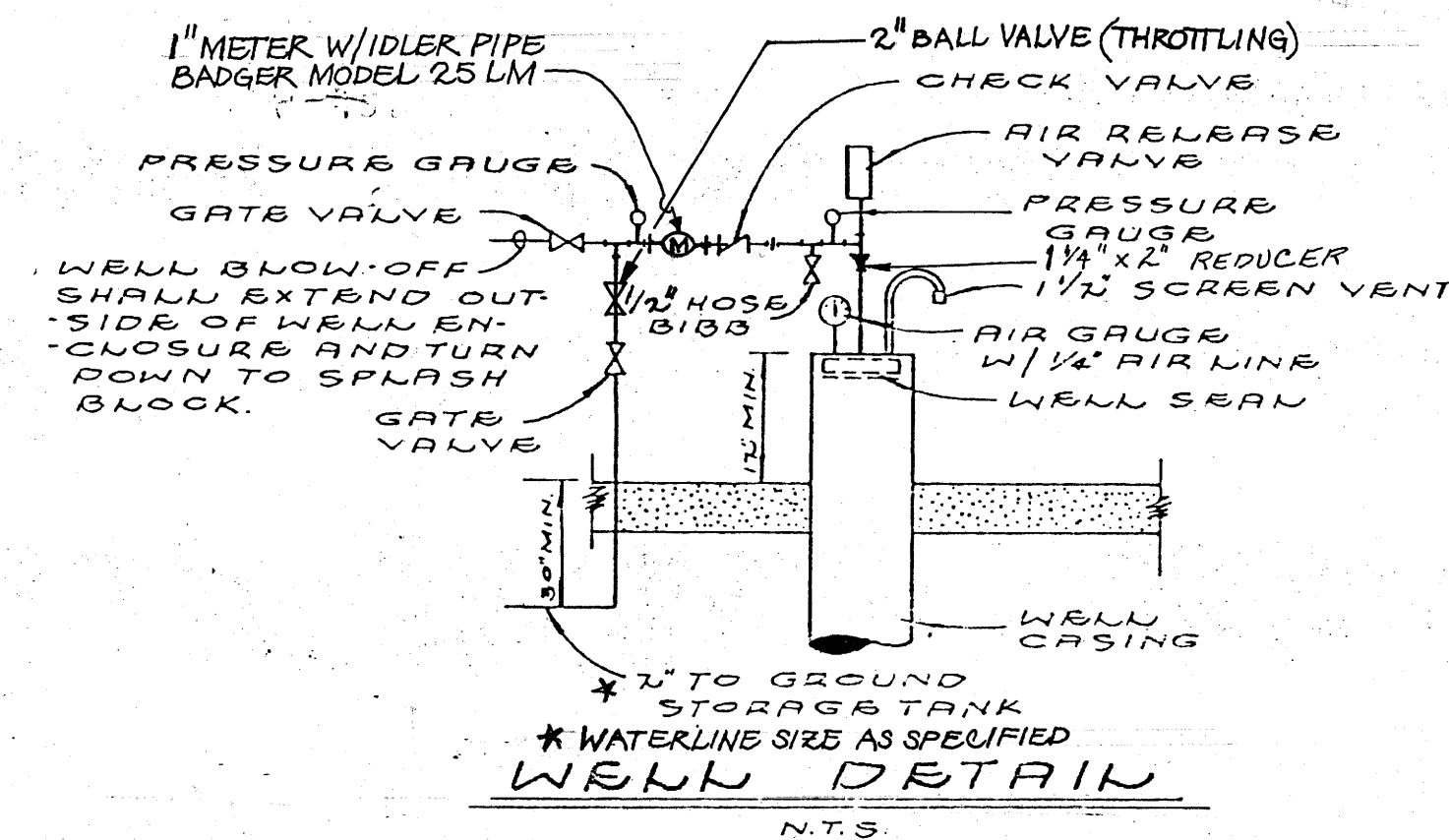
B-W TYPE E-15 SHIELDED ELECTRODES (#316 STAINLESS STEEL) 2 REQ'D/WELL



PUMP CONTROLS SCHEMATIC

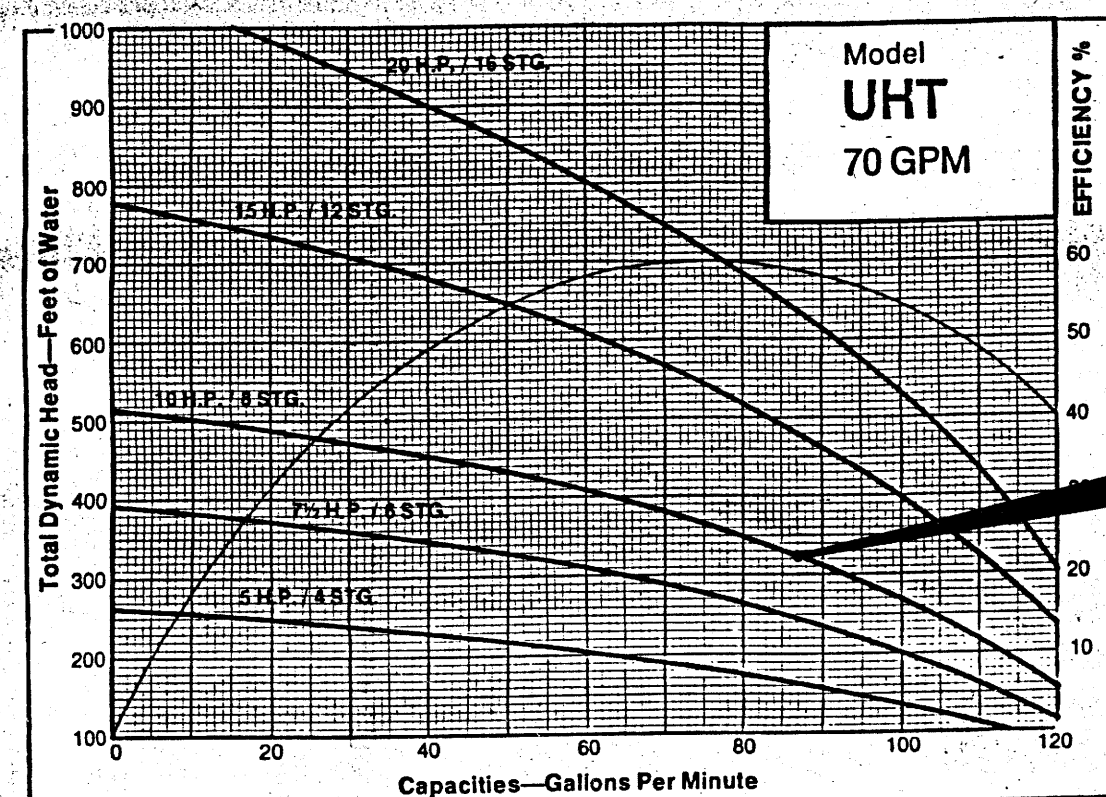


TYPICAL CROSSING DETAILS



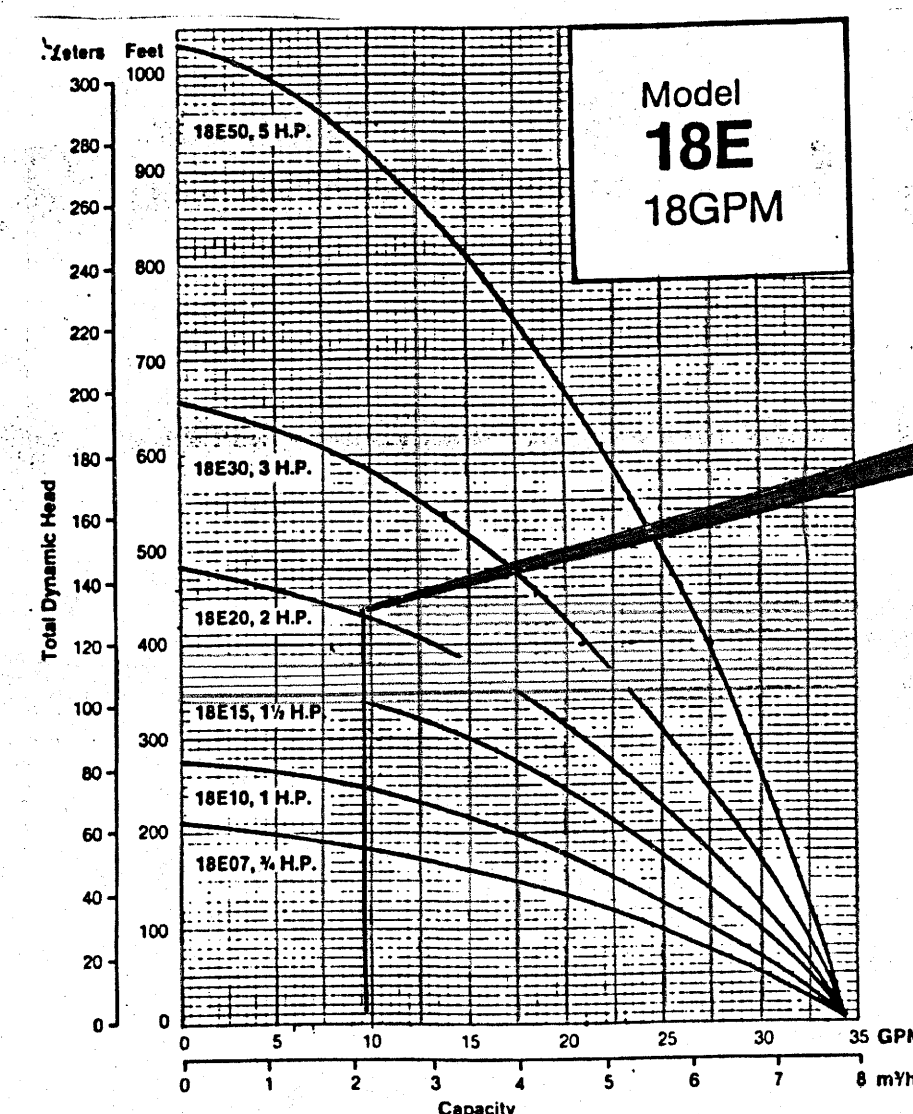
WELL HOUSE DETAIL

WELLS A,C,E,F



WELL #1

PUMP CURVES



WELL #2

ITEM	DESCRIPTION
PUMP	WELL #1 GOULDS MODEL UH661T32-10HP-34-230V - 87 GPM @ 326' TDH WELL #2 GOULDS MODEL 18E30412-3.0 HP - 14-230V - 23 GPM @ 364' TDH WELL A GOULDS MODEL 18E15412 - 1.5 HP - 14-230 V - 9 GPM @ 342' TDH WELL C GOULDS MODEL 18E15412 - 1.5 HP - 14-230 V - 5 GPM @ 362' TDH WELL E GOULDS MODEL 18E30412 - 3.0 HP - 14-230 V - 15 GPM @ 520' TDH WELL F GOULDS MODEL 18E30412 - 3.0 HP - 14-230 V - 15 GPM @ 520' TDH
RISER PIPE	WELL #1 3" GALV. WELL #2 1 1/2" GALV. WELL A 1 1/2" GALV. WELL C 1 1/2" GALV. WELL E 1 1/2" GALV. WELL F 1 1/2" GALV.
TEES	WELL #1 3" x 3" GALV. (Req'd) WELL #2 2" x 2" GALV. (Req'd) WELL A 2" x 2" GALV. (Req'd) WELL C 2" x 2" GALV. (Req'd) WELL E 2" x 2" GALV. (Req'd) WELL F 2" x 2" GALV. (Req'd)
CHECK VALVES	WELL #1 3" MUELLER, WATTS OR EQUAL (Req'd) WELL #2 2" MUELLER, WATTS OR EQUAL (Req'd) WELL A 2" MUELLER, WATTS OR EQUAL (Req'd) WELL C 2" MUELLER, WATTS OR EQUAL (Req'd) WELL E 2" MUELLER, WATTS OR EQUAL (Req'd) WELL F 2" MUELLER, WATTS OR EQUAL (Req'd)
BALL VALVES	WELL A 2" MUELLER, WATTS OR EQUAL (Req'd) WELL C 2" MUELLER, WATTS OR EQUAL (Req'd) WELL E 2" MUELLER, WATTS OR EQUAL (Req'd) WELL F 2" MUELLER, WATTS OR EQUAL (Req'd)
GATE VALVES	WELL #1 3" MUELLER, WATTS OR EQUAL (Req'd) WELL #2 3" MUELLER, WATTS OR EQUAL (Req'd) WELL A 2" MUELLER, WATTS OR EQUAL (Req'd) WELL C 2" MUELLER, WATTS OR EQUAL (Req'd) WELL E 2" MUELLER, WATTS OR EQUAL (Req'd) WELL F 2" MUELLER, WATTS OR EQUAL (Req'd)
DISCHARGE PIPING	WELL #1 3" PVC TO FILTER HOUSE WELL #2 2" PVC TO FILTER HOUSE WELL A 2" PVC CHANGING TO 3" PVC AS SHOWN ON PLAN VIEW. 3" TO FILTER HOUSE WELL C 2" PVC CHANGING TO 3" PVC AS SHOWN ON PLAN VIEW. 3" TO FILTER HOUSE WELL E 2" PVC CHANGING TO 3" PVC AS SHOWN ON PLAN VIEW. 3" TO FILTER HOUSE WELL F 2" PVC CHANGING TO 3" PVC AS SHOWN ON PLAN VIEW. 3" TO FILTER HOUSE
SPACE HEATER	230 V 500 W SINGER
AIR RELEASE	HOFFMAN MODEL 79 OR EQUAL

* PUMP 1 HAS BEEN REPLACED WITH GOULDS MODEL 25ELGS50, 5 H.P. @ 25 GPM.

△ PUMP 2 TO BE REPLACED WITH GOULDS MODEL 18E 20 412-2HP-14-230V-9.5 GPM @ 430' TDH.

ALL WELL PUMPS TO BE ADJUSTED WITH THROTTLING VALVES TO THEIR STABILIZED WELL YIELD.

NOTE:
THESE PLANS ARE BASED ON THE ORIGINAL PLANS FOR WEST ARROWHEAD VILLAGE, DATED 12-6-89. THESE PLANS ARE REVISED TO SHOW CONNECTIONS FOR WELLS A, C, E AND F.
THESE PLANS ARE "AS-BUILT" DRAWINGS.

<i>Berkley Howell & Assoc.</i> ENGINEERS • SURVEYORS • PLANNERS			
SCALE:	APPROVED BY:		DRAWN BY:
DATE: 8-23-00			REVISED 1-22-01
<i>WEST ARROWHEAD VILLAGE CENTRAL WATER SYSTEM</i>			
<i>MISC. DETAILS</i>			DRAWING NUMBER 4 OF 6

REVISED 1-22-01 PER HEALTH DEPARTMENT COMMENTS.

COMM. NO. 000235