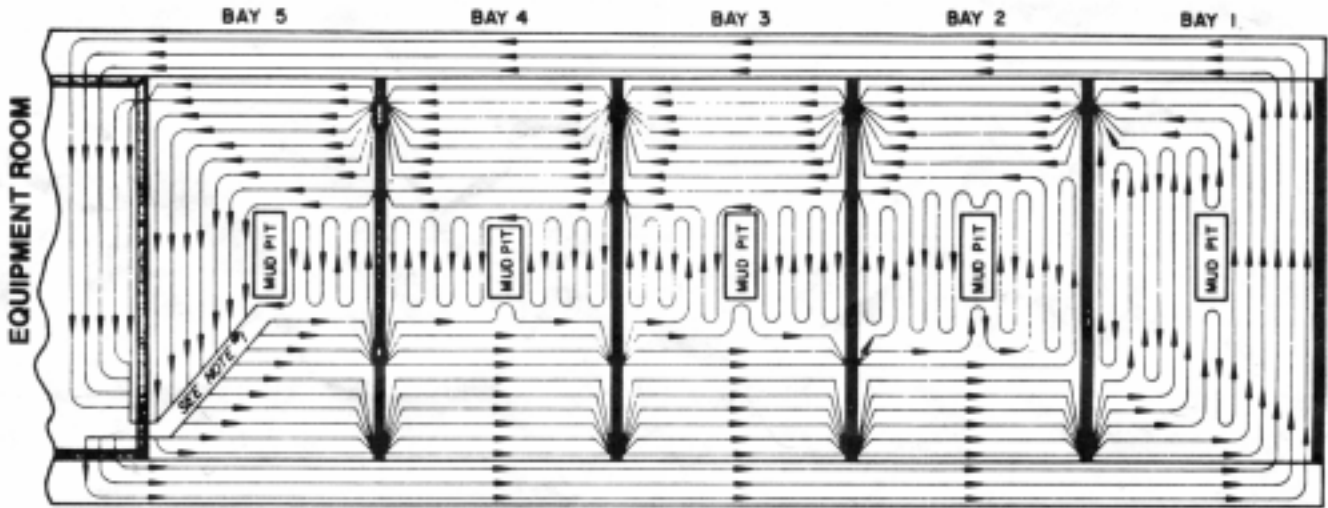
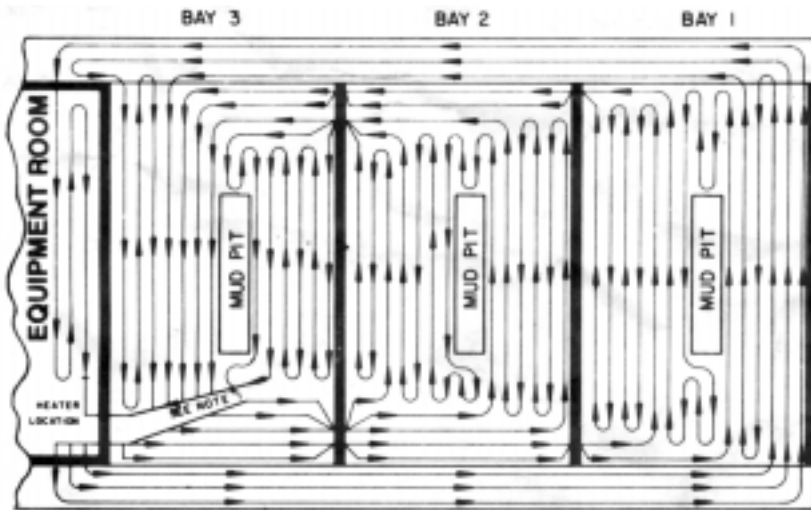


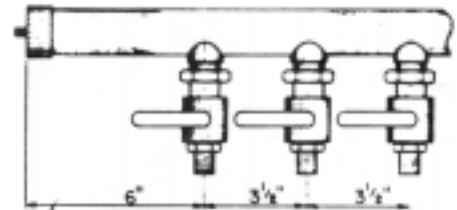
WEBEN JARCO UNDERFLOOR HEATER SYSTEM PIPING LAYOUT



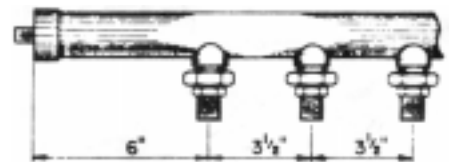
PIPE LAYOUT FOR 6-10 BAYS



PIPE LAYOUT FOR 2-6 BAYS



RETURN MANIFOLD



SUPPLY MANIFOLD

LIST OF MATERIALS

BAYS	FEET TUBING	NO OF 400 TUBE ROLL *	NO OF CIRCUITS	NO OF CLAMPS ***	NO OF TIES **
1	760	2	4	8	254
2	1240	4	6	12	414
3	1720	5	9	18	574
4	2200	6	11	22	734
5	2680	7	13	26	894
6	3160	9	16	32	1054
7	3640	10	18	36	1214
8	4120	11	20	40	1374
9	4600	12	23	46	1534
10	5080	13	25	50	1694

GENERAL NOTES

1. PIPES SHOULD BE STUBBED-UP SEPARATELY.
2. PIPES ARE LAID ON 12" CENTERS WITH 6" MINIMUM RADIUS ON ALL BENDS.
3. TIE PIPE TO MESH AT 3' INTERVALS.
4. BAY DIMENSIONS ARE 26'-0" LONG x 15'-4" WIDE APPROACHES ARE 3'-0" WIDE.

ITEMS SUPPLIED BY CUSTOMER

* TUBING—YARDLEY GOLDEN JET 100 PSI. MANUFACTURED BY CELANESE PIPING SYSTEMS. 1/2" DIAMETER. CELANESE ITEM NO. 05204(400' ROLL). ASTM-D-223 SPEC. PROD STD PS-11-69, ULTRA HIGH MOLECULAR POLYETHYLENE 3406.

** PLASTIC TIES—TY~RAP SIZE 525 OR EQUAL.

*** HOSE CLAMPS— 1/2"