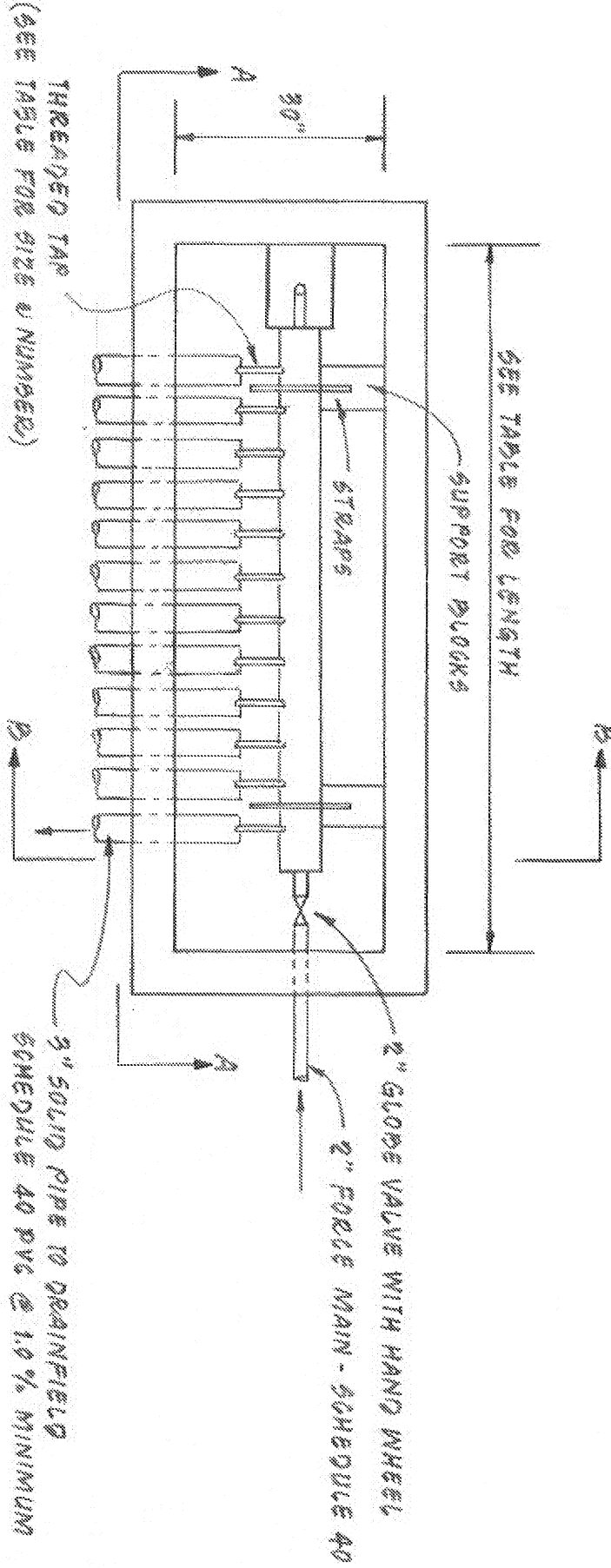
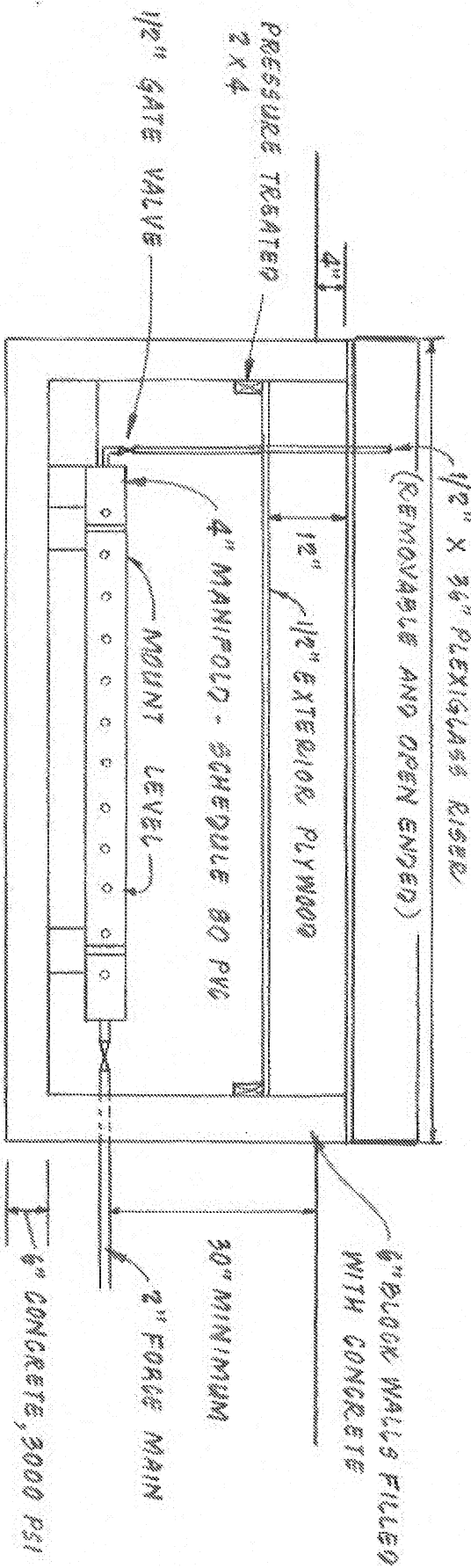


MANIFOLD DATA				
DRAINFIELD NO.	NO. OF TAPS	LENGTH	THREADED TAP SIZE	HEAD
1	12	8.5 FT.	1/2 INCH	1.0 FT.
2	4	4.5 FT.	1/2 INCH	1.0 FT.
3	8	6.5 FT.	1/2 INCH	1.6 FT.
4	10	7.5 FT.	1/2 INCH	1.0 FT.
5	5	6.0 FT.	1/2 INCH	1.0 FT.
6	10	7.5 FT.	1/2 INCH	1.0 FT.
7	10	7.5 FT.	1/2 INCH	1.0 FT.
8A	5	6.0 FT.	1/2 INCH	1.0 FT.
8B	5	6.0 FT.	1/2 INCH	1.4 FT.
9	12	8.5 FT.	1/2 INCH	1.0 FT.
10	10	7.5 FT.	1/2 INCH	1.0 FT.
11	8	6.5 FT.	1/2 INCH	1.0 FT.
12A	6	5.5 FT.	5/8 INCH	1.1 FT.
12B	4	4.5 FT.	1/2 INCH	1.0 FT.
13	8	6.5 FT.	1/2 INCH	1.0 FT.

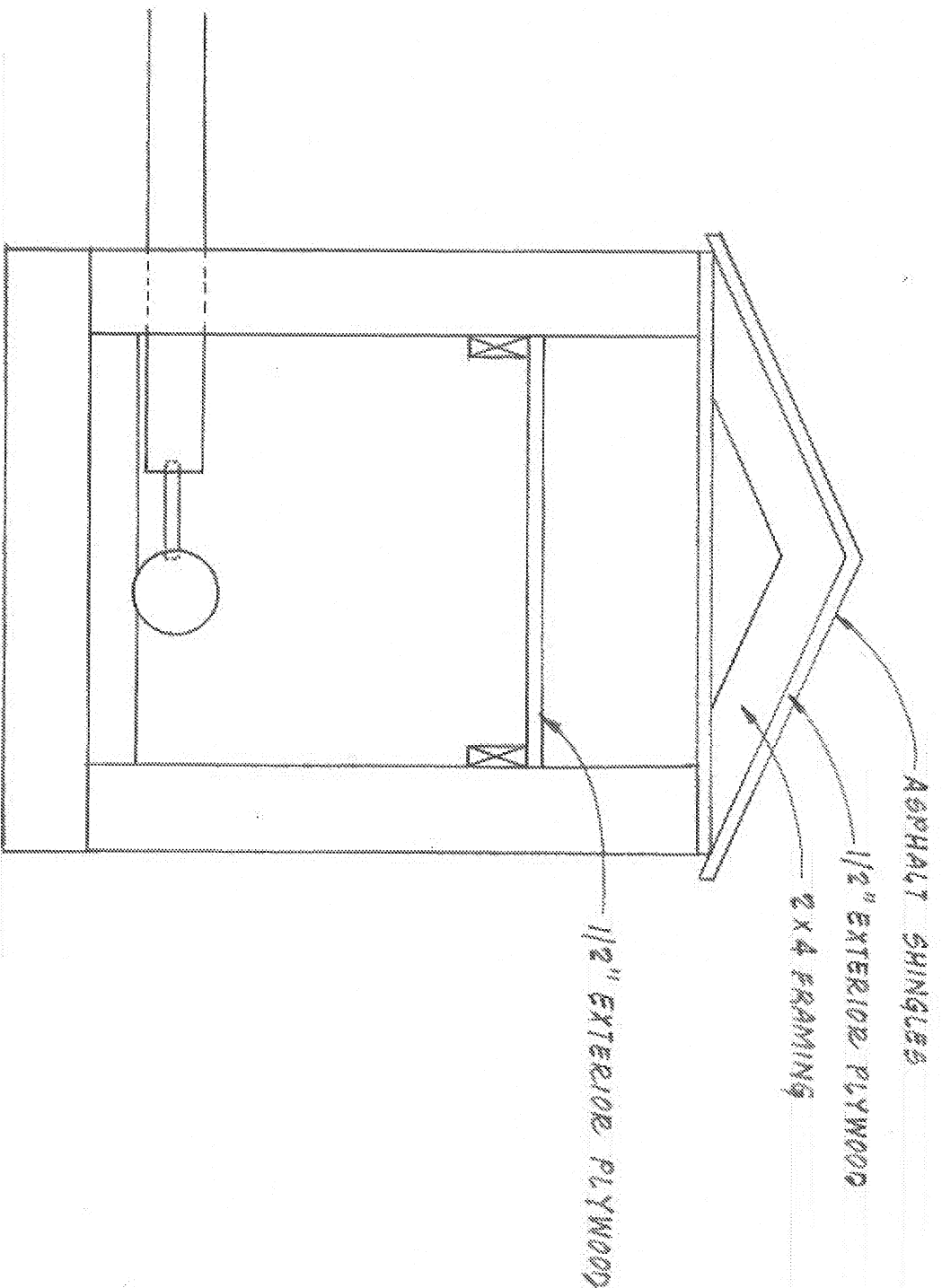
NOTES:
1. 2-INCH GLOBE VALVES SHALL BE ADJUSTED AFTER INSTALLATION TO PROVIDE THE LISTED HEAD MEASURED VERTICALLY FROM THE CENTER OF THE MANIFOLD. AFTER CALIBRATION THE PLUG VALVE RISER SHALL BE REMOVED AND STORED PRIOR TO PLACING THE MANIFOLD IN SERVICE.



MANIFOLD PLAN



SECTION A-A



SECTION B-B

MANIFOLD DETAIL

REVISION

DATE

DESCRIPTION

DESIGNED

M.S.W.

DRAWN

V.M.P.

CHECKED

M.S.W.

28 FEB 1999

REVISIONS

FORCE MAIN DETAILS

FOR

"WESTLAKE POINTE"

PREPARED FOR

WESTLAKE PROPERTIES, INC.

GILS CREEK MAGISTERIAL DISTRICT

FRANKLIN COUNTY, VIRGINIA

Professional Engineer

Michael S. Webb

No. 012866

6-7-98

LUMSDEN ASSOCIATES, P.C.

ENGINEERS-SURVEYORS-PLANNERS

ROANOKE, VIRGINIA

SCALE: NONE

DATE: 7 AUG 1999

SHEET 10 OF 13

COMM: 98-181