W-201721A

NOTE—THIS PRINT IS ONLY FOR PRELIMINARY USE UNLESS ALL ORDER SPACES ARE FILLED

CORRECT FOR CUSTOMER'S ORDER [redacted]

CUSTOMER [redacted]

BRANCH OFFICE ORDER [redacted] OUR SHOP ORDER [redacted]

APPROVED BY [redacted] DATE [redacted]

Dimensions are from drawings, castings may vary slightly. Foundation bolts must not be fixed rigidly until machine is in place. This print is loaned subject to return on demand and under condition that it is not to be used in any way detrimental to our interests.

Worthington Pump and Machinery Corporation offers this design to show location of foundation bolts, and dimensions recommended where soil conditions are satisfactory; but assumes no responsibility whatever for foundation. Proper concrete mixture, correct reinforcement, sufficient mass and satisfactory footing are essential to give right permanent support and to prevent vibration. If local soil conditions are poor a competent foundation engineer should be employed.

All foundation bolts to be encased in gutter drain pipes two inches larger in diameter than bolts. After machine has been grouted on foundation all shims and wedges are to be removed and spaces occupied by them to be filled with grouting. Make provision at edges of foundation for necessary floor joints. One inch has been allowed for cams and go on length of bolts projecting above foundation.

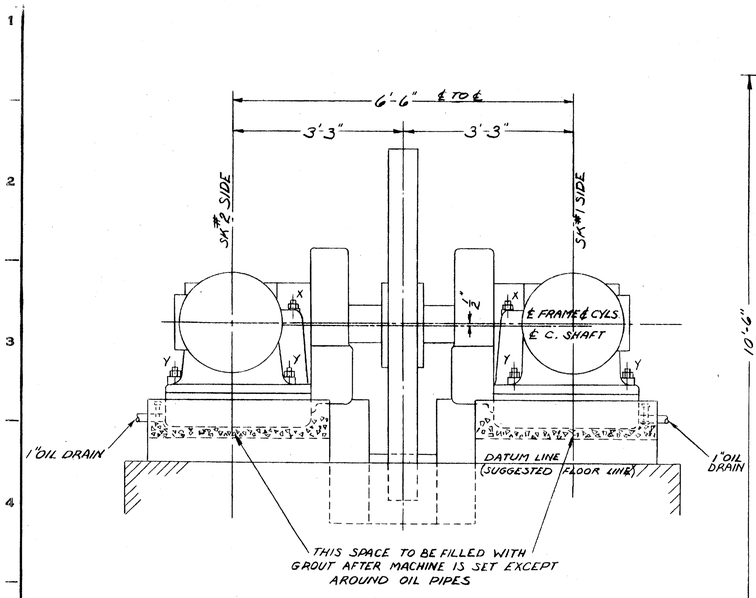
Do not scale this drawing but work strictly to dimensions given. If any are lacking apply for same. The purchaser will provide foundation, grouting and gutter drain pipes.

1" ALLOWED FOR GROUT BETWEEN TOP OF FOUNDATION AND BOTTOM OF ALL PARTS OF MACHINE RESTING THEREON.

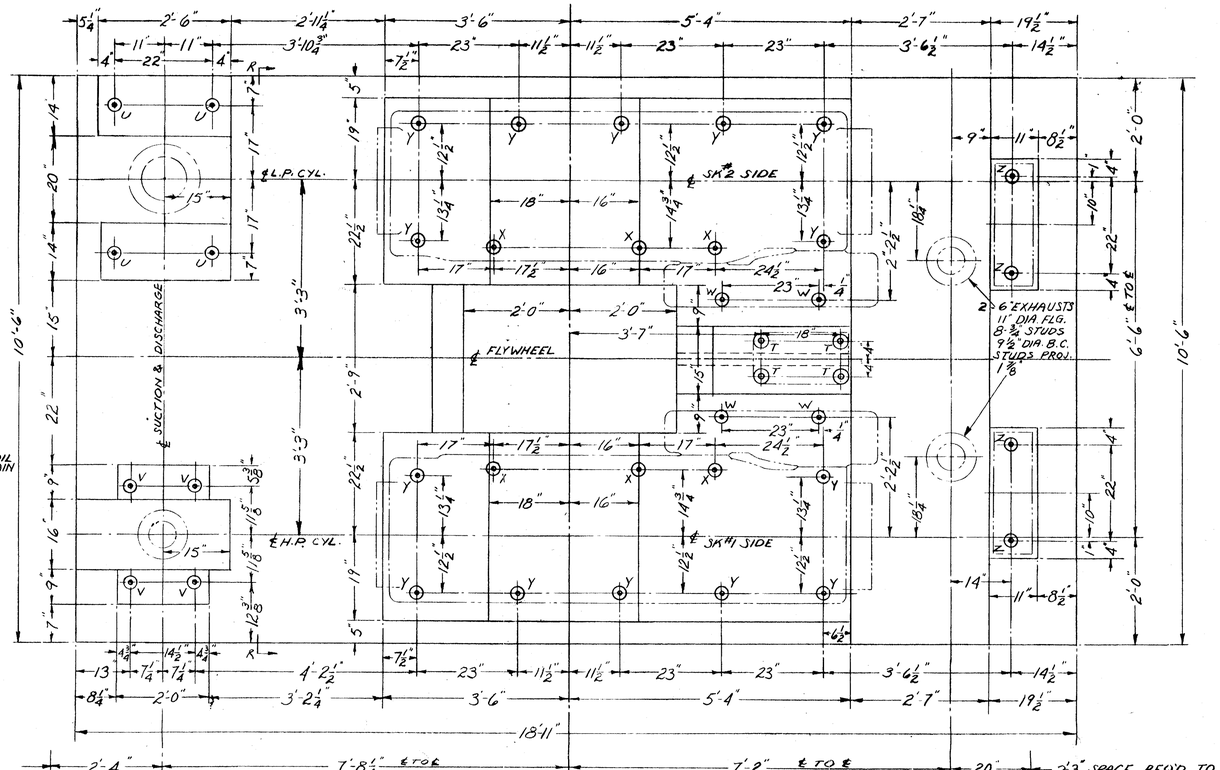
PLACE A LARGE RECEIVER TYPE STEAM SEPARATOR IN STEAM LINE CLOSE TO ENGINE.

COMPANION FLANGES FURNISHED BY CUSTOMER.

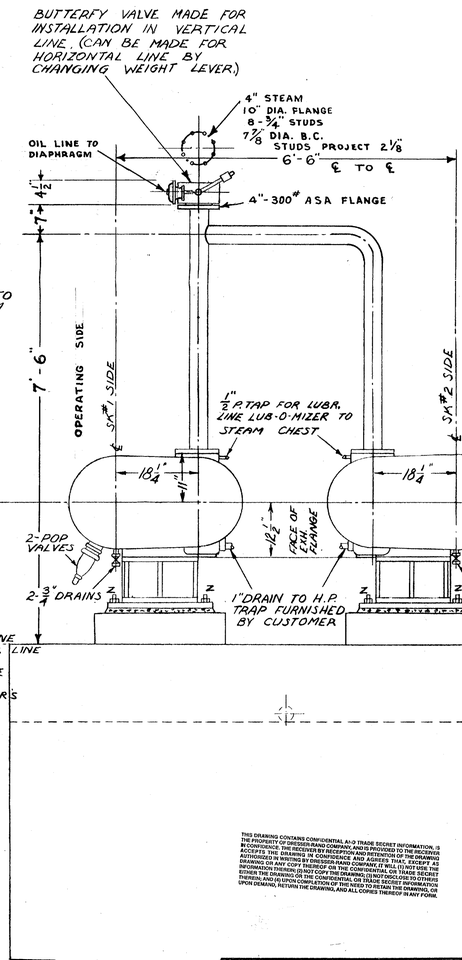
CUSTOMER TO PROVIDE STEAM TRAPS WHERE NOTED. OPEN BUCKET TYPE RECOMMENDED.

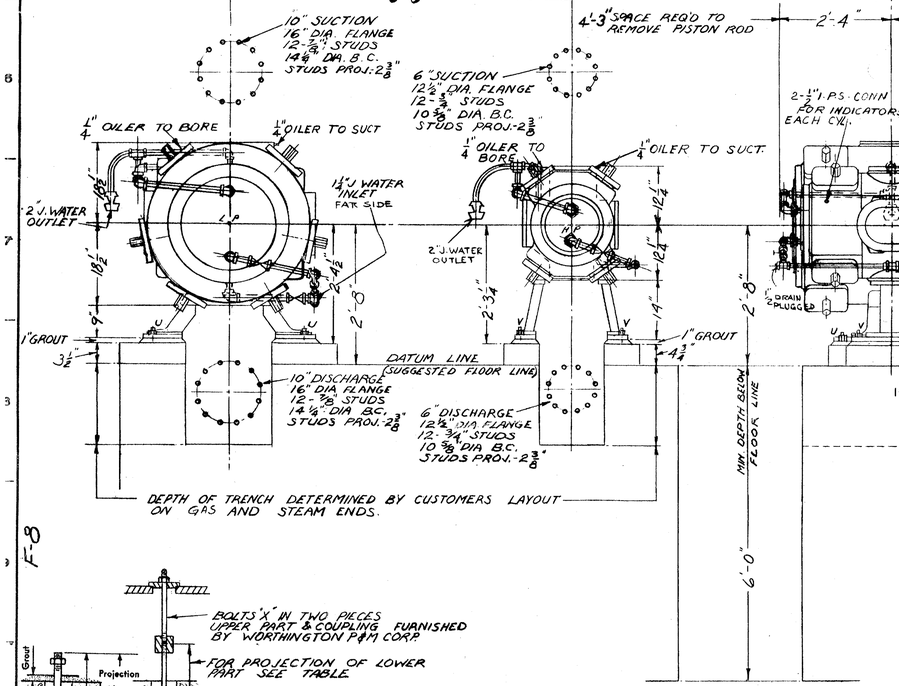


END ELEVATION OF FRAME AT R-R

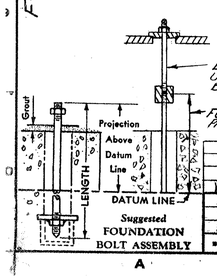


BUTTERFLY VALVE MADE FOR INSTALLATION IN VERTICAL LINE. (CAN BE MADE FOR HORIZONTAL LINE BY CHANGING WEIGHT LEVER.)





F-8



BOLT	QUANT.	DIA.	LENGTH	PROJECTION ABOVE DATUM LINE
T	4	¾"	2'-8	5¾"
U	4	1"	3'-5"	7⅝"
V	4	1"	3'-5"	8¾"
W	4	1"	2'-4"	20¼"
X	6	1"	4'-0"	22½"
Y	14	1"	4'-0"	22½"
Z	4	1"	4'-0"	11"

NOTE—All foundation bolts when supplied by Worthington are to be placed with pointed end in foundation.

The top surface of the foundation should be left rough with numerous irregular indentions to provide a good anchorage for grouting.

In case a shut off valve is placed in discharge line, a relief valve should be placed in a tee between the valve and cylinder for protection.

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ITEM K

13 x 18 / 8¾ x 18

DUPLEX OPPOSED STEAM DRIVEN COMP'R.

FOUNDATION PLAN

WORTHINGTON PUMP AND MACHINERY CORPORATION
BUFFALO, NEW YORK

ORDER 66-17936 DATE 5-8-51 SCALE ¾ INS. = 1 FOOT

W 201721A | ALT. | DRAWN R.E.K. | CHECKED [redacted] | APPR'D

EF50, SE13H, ARO, LCE-10

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