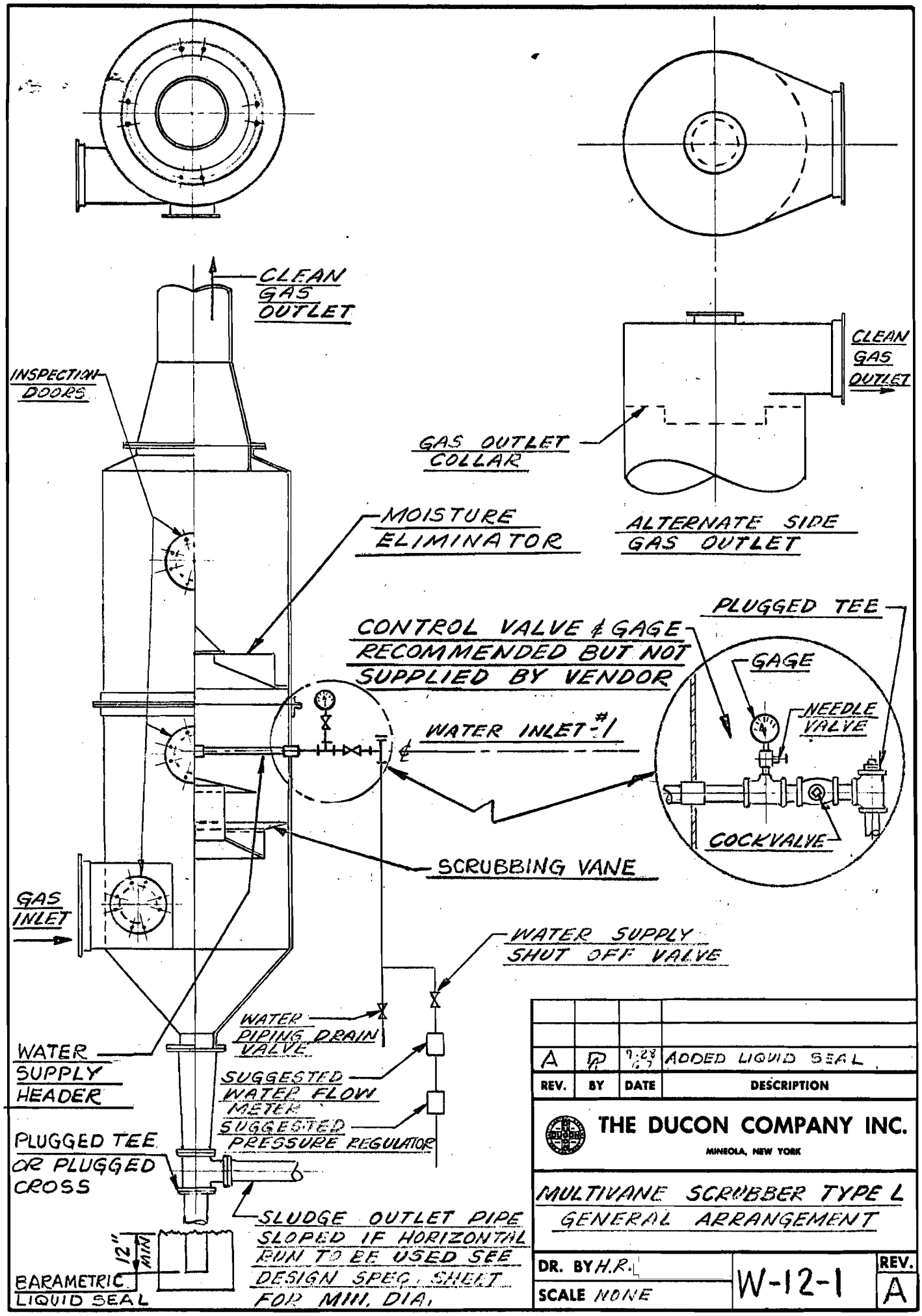


REV.	BY	DATE	DESCRIPTION
A	DP	9-28-67	ADDED LIQUID SEAL

THE DUCON COMPANY INC.
MINEOLA, NEW YORK

MULTIVANE SCRUBBER TYPE L
GENERAL ARRANGEMENT

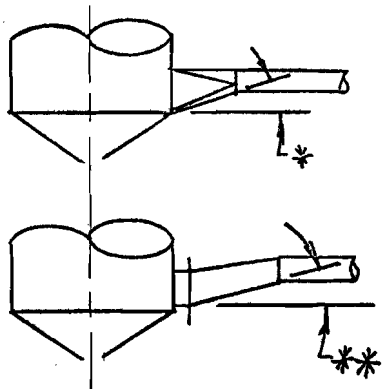
DR. BY H.R.
SCALE NONE

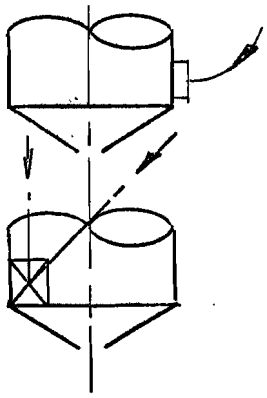
W-12-1

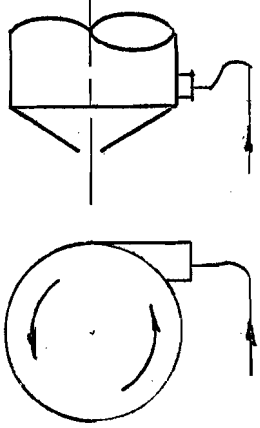
REV. A

INLET DUCT INSTALLATION

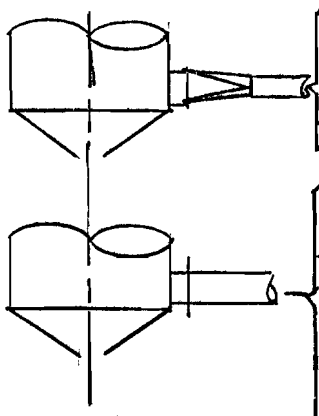
PREFERRED ARRGT.







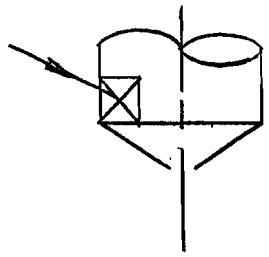
NOT RECOMMENDED

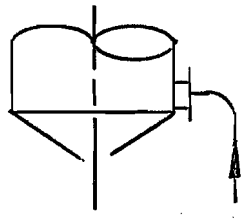


RECTANGULAR TO ROUND TRANSITIONS * 25° MIN. ANGLE

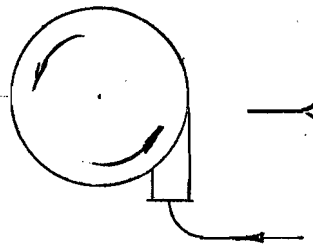
RECTANGULAR TO RECTANGULAR TRANSITION ** 15° MIN. ANGLE SLOPE LENGTH EQUIVALENT TO 1/2 HIGHT OF INLET

VERTICAL OR INCLINED DOWNCOMER

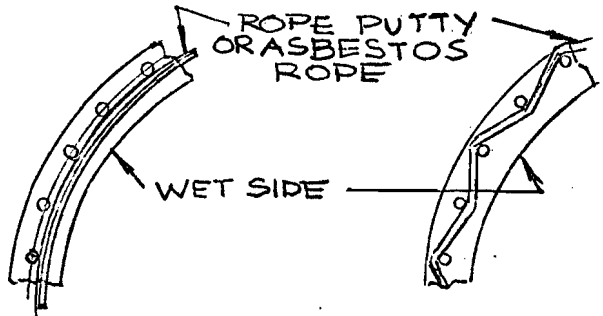




VERTICAL RISER.



IF ELBOW REQUIRED JUST BEFORE SCRUBBER



USE THIS METHOD NOT THIS METHOD

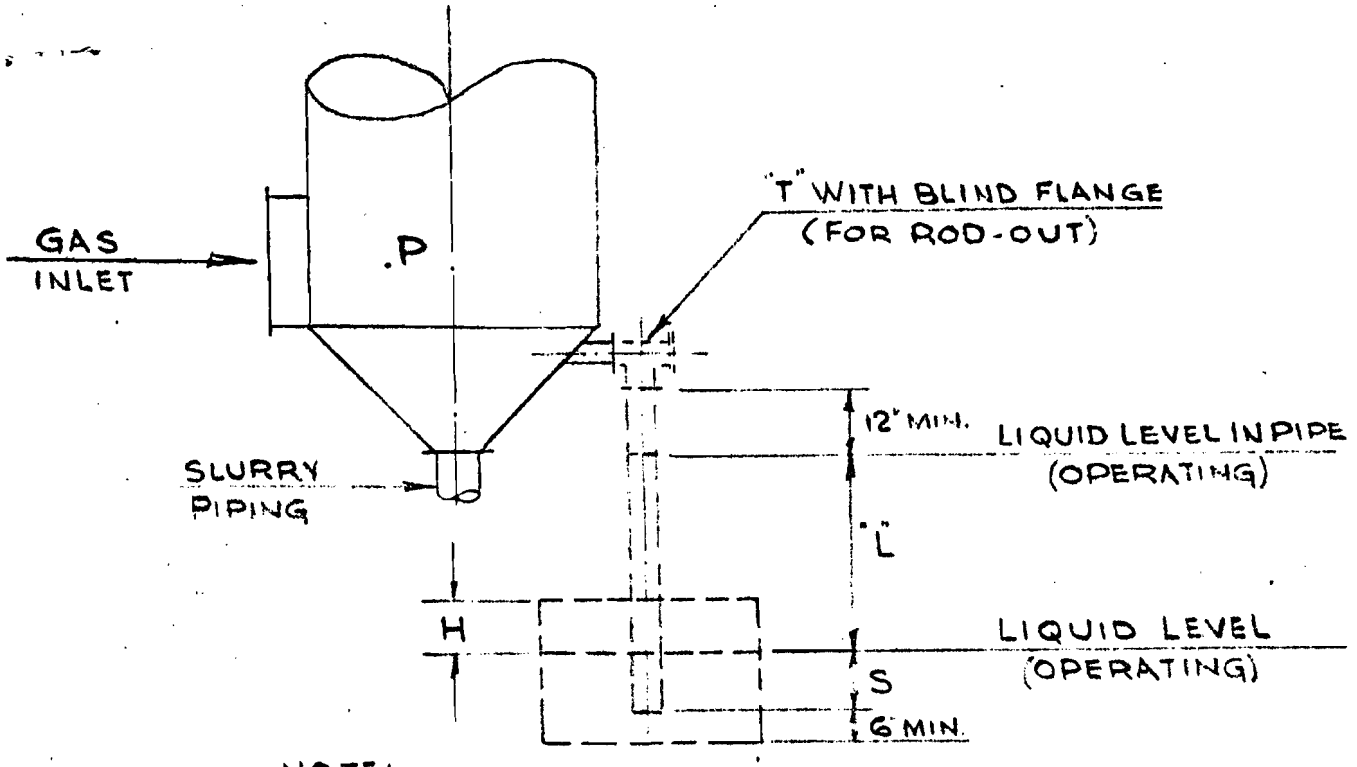
GASKET INSTALLATION

REV.	BY	DATE	DESCRIPTION

THE DUCON COMPANY INC.
MINEOLA, NEW YORK

DUCON DYNAMIC SCRUBBER
INLET DUCT AND GASKET INSTALLATION

DR. BY JD.
SCALE NONE
W-75-3
REV.



NOTE:
DO NOT ATTACH OVERFLOW TO SLURRY PIPING

NOTE:

* P = PRESSURE AT SCRUBBER INLET

IF "P" IS NEGATIVE

L = P (IN IN. W.G.)

H = HEIGHT REQUIRED SO THAT VOLUME ABOVE LIQUID LEVEL IS EQUAL TO VOLUME IN OVERFLOW PIPE FOR HEIGHT OF "L" PLUS 6"

S = 12"

IF "P" IS POSITIVE

L = 0

S = P (IN IN. W.G.) + 12"

H = HEIGHT REQUIRED SO THAT VOLUME ABOVE LIQUID LEVEL IS EQUAL TO VOLUME IN OVERFLOW PIPE FOR HEIGHT OF "S" PLUS 6"

* FOR VENTURI SCRUBBERS P = PRESSURE AT SEPARATOR INLET.

REV.	BY	DATE	DESCRIPTION

THE DUCON COMPANY INC.
MINEOLA, NEW YORK

SUGGESTED ARRANGEMENT FOR EMERGENCY OVERFLOW PIPING

DR. BY FWG	W-75-4	REV.
SCALE		