FILTER TRAIN DETAIL (1/2 H: X 1 WIDE)

INJECTION PORT. 2" NPT HALF COUPLING WITH PLUG. LOCATE 10" STRAIGHT DUCT DIAMETERS UPSTREAM OF HEPA FILTER HOUSING. ALLOW 2 STRAIGHT DUCT DIAMETERS UPSTREAM OF INJECTION PORT.

UPSTREAM EMBRACING PORT. 3/4" NPT HALF COUPLING WITH PLUG. (FURNISHED WITH HOUSING)

DOWNSTREAM SAMPLING PORT. 3/4" NPT HALF COUPLING WITH PLUG. LOCATE 10" STRAIGHT DUCT DIAMETERS DOWNSTREAM OF SAMPLING PORT.

INSERTED INTO A DRAWING PACKAGE.

CONCRETE PAD (IF REQUIRED)

FILTER TRAIN ASSEMBLY SECURE TO CONCRETE PAD (WITH CONCRETE ANCHORS). DRILL TO MATCH HOLES IN BASE.

HEPA FILTER BOLTED CONNECTION. DRILL TO MATCH TRANSITION FLANGE. GASKET FURNISHED WITH FILTER TRAIN. (TYP.)

PREFILTER FIRE SCREEN

INJECTION PORT, 2" NPT HALF COUPLING WITH PLUG. LOCATE 10" STRAIGHT DUCT DIAMETERS FROM UPSTREAM FACE OF HEPA FILTER HOUSING. ALLOW 2 STRAIGHT DUCT DIAMETERS UPSTREAM OF INJECTION PORT.

UPSTREAM EMBRACING PORT. 3/4" NPT HALF COUPLING WITH PLUG. (FURNISHED WITH HOUSING)

DOWNSTREAM SAMPLING PORT. 3/4" NPT HALF COUPLING WITH PLUG. LOCATE 10" STRAIGHT DUCT DIAMETERS FROM DOWNSTREAM FACE OF HEPA FILTER HOUSING. ALLOW 2 STRAIGHT DUCT DIAMETERS DOWNSTREAM OF SAMPLING PORT.

GENERAL NOTES:
1. SEE SHEET ST6700.4 FOR DESIGN NOTES.

KEYED NOTE:

FILTER PRESSURE DROP GAUGES [SEE ST6700.4]