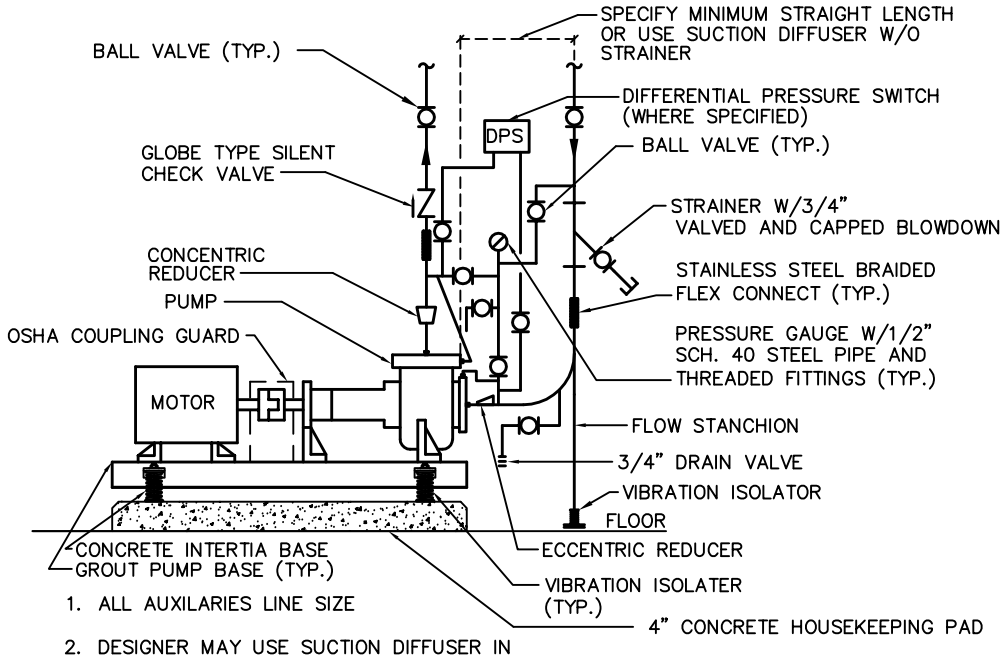
UNIVERSITY OF PENNSYLVANIA FACILITIES SERVICES 3101 WALNUT STREET PHILADELPHIA, PENNA. 19104-6289	MASTER DETAIL HVAC DEPARTMENT	TITLE RADIAL ROOF EXHAUST FAN DETAIL	DATE 08-01-12	REV DATE	FILE NO.



1. ALL AUXILARIES LINE SIZE
2. DESIGNER MAY USE SUCTION DIFFUSER IN LIEU OF 90 DEGREE ELBOW.
3. DESIGNER MAY BOLT PUMP DIRECTLY TO PAD IF ACOUSTICS PERMIT
4. USE SPRING HANGERS ON 1ST 50 FEET OF PIPE IN ALL INSTANCES

END SUCTION PUMP PIPING (2" AND SMALLER)

SCALE: NTS