



UNIVERSITY OF PENNSYLVANIA
FACILITIES SERVICES
3101 WALNUT STREET
PHILADELPHIA, PENNA. 19104-6289

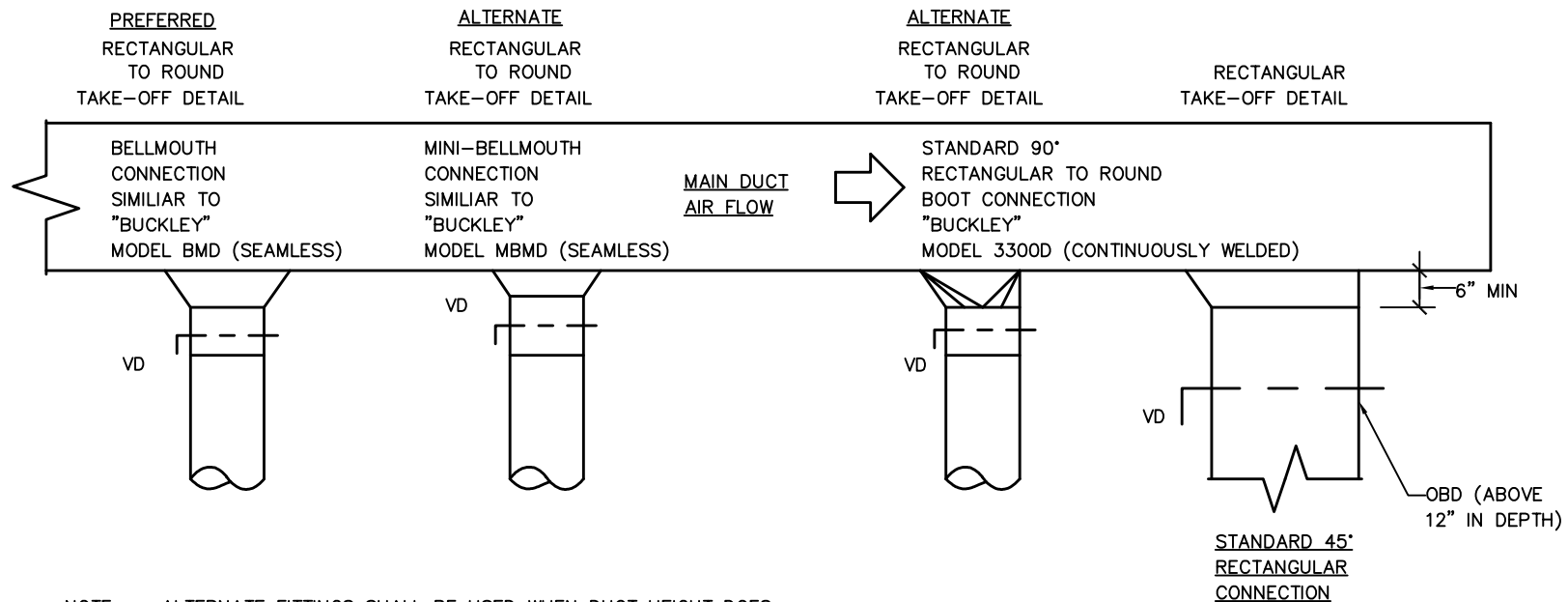
MASTER DETAIL
HVAC DEPARTMENT

TITLE DUCT TAKEOFF DETAILS

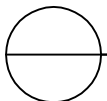
DATE
08-01-12

REV DATE

FILE NO.



NOTE: ALTERNATE FITTINGS SHALL BE USED WHEN DUCT HEIGHT DOES
NOT PERMIT THE USE OF THE PREFERRED FULL SIZE BELLMOUTH
SUBMIT FITTINGS FOR REVIEW BY ENGINEER PRIOR TO INSTALLATION



DUCT TAKEOFF DETAILS

SCALE: NTS