

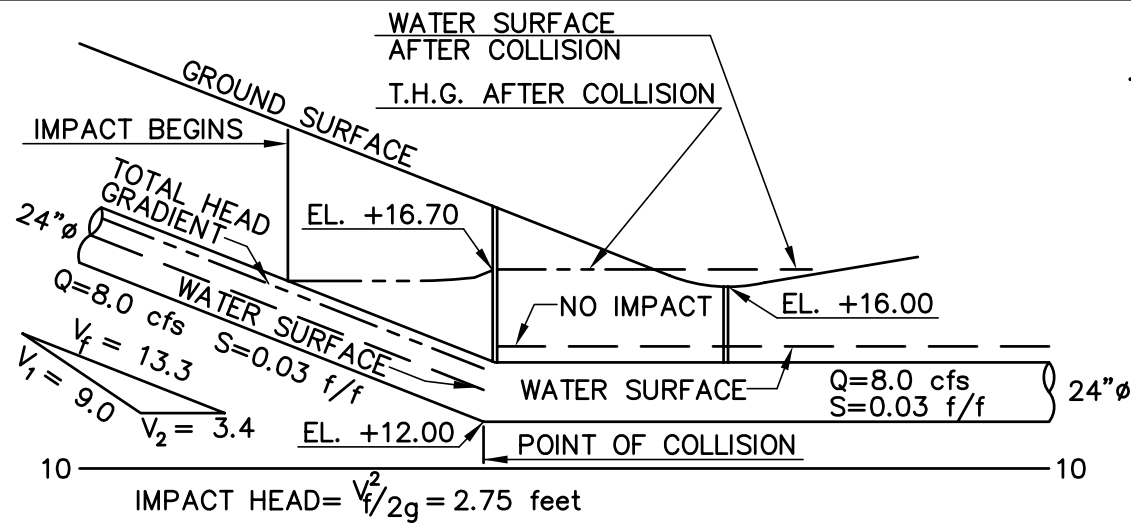
FLUID COLLISIONS

NOT TO SCALE

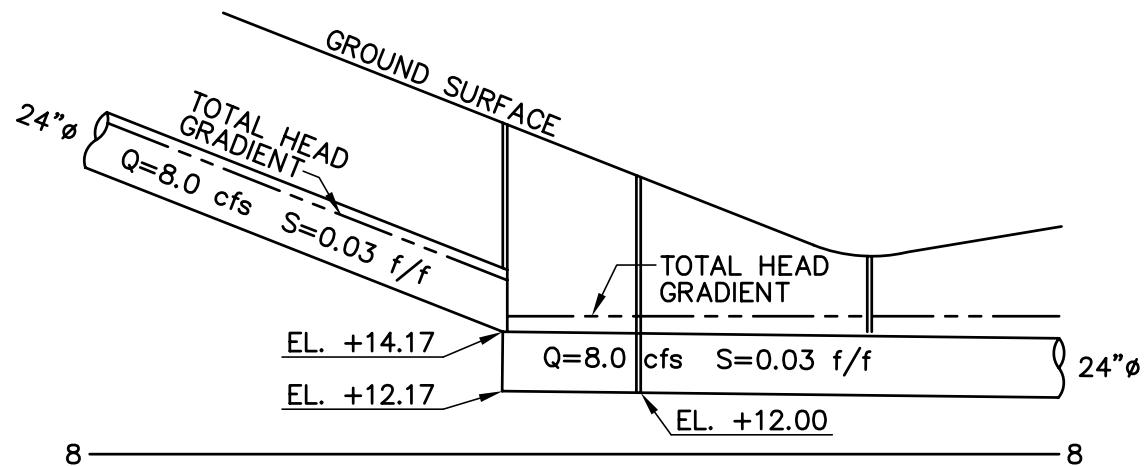
CITY OF NEW HAVEN
DEPARTMENT OF ENGINEERING

RICHARD H. MILLER, P.E., L.S. 9886
CITY ENGINEER

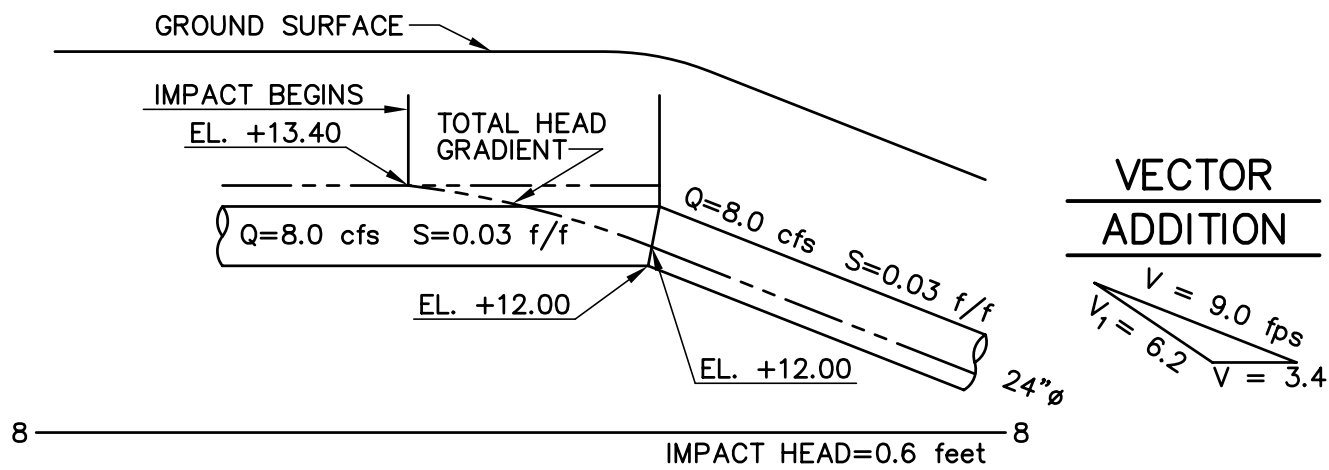
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DATE: DEC. 1, 2009
DRAWING NO.: **STD-NH-34B**



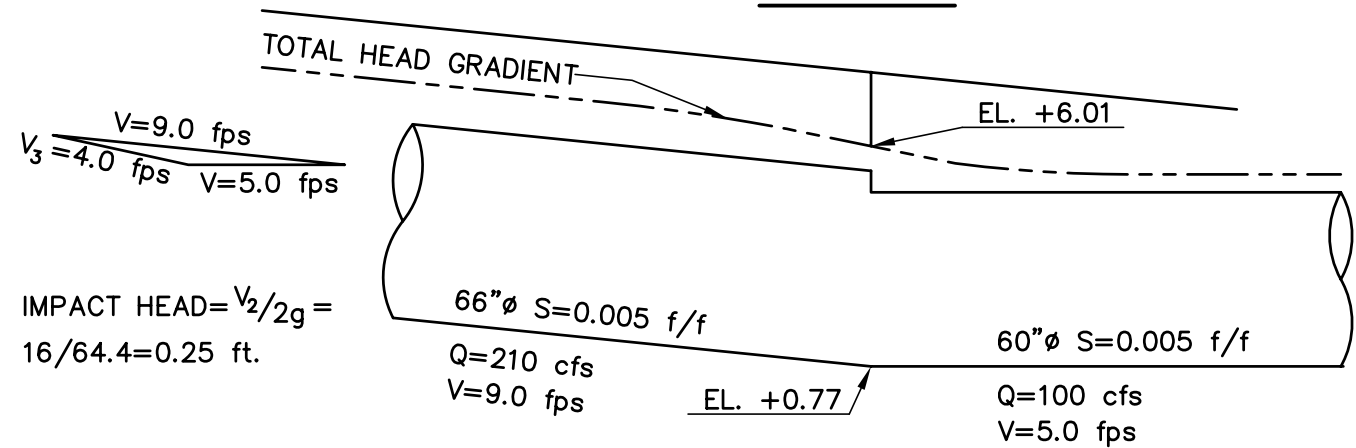
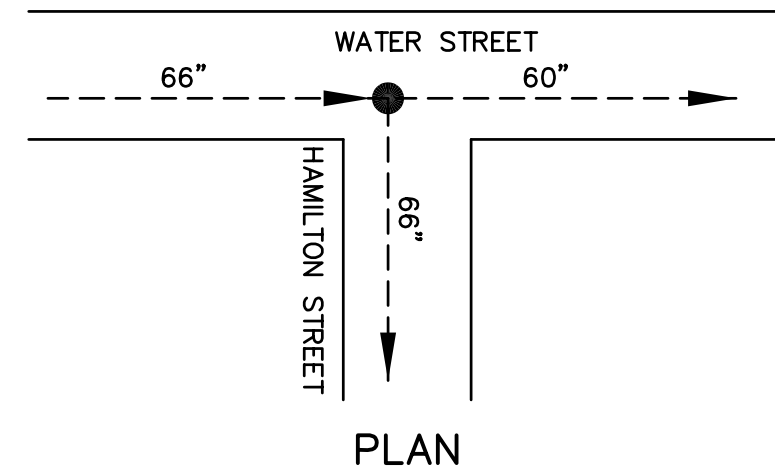
**CASE NO. 1 -
IMPACT IN UPSTREAM PIPE**



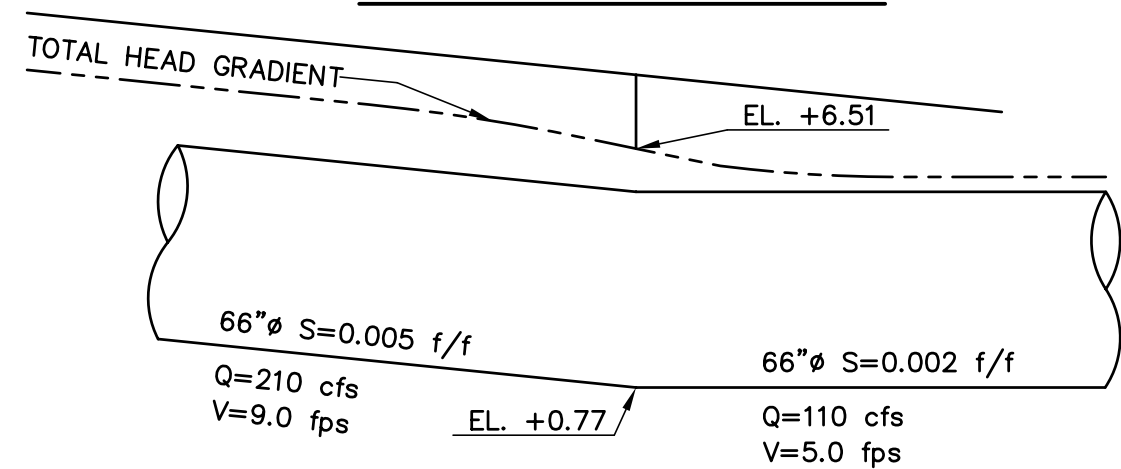
**CASE NO. 2 -
DROP MANHOLE, NO IMPACT**



**CASE NO. 3 -
IMPACT IN DOWNSTREAM PIPE**



WATER STREET OUTLET



HAMILTON STREET OUTLET

CASE NO. 4 - SPLIT FLOW