

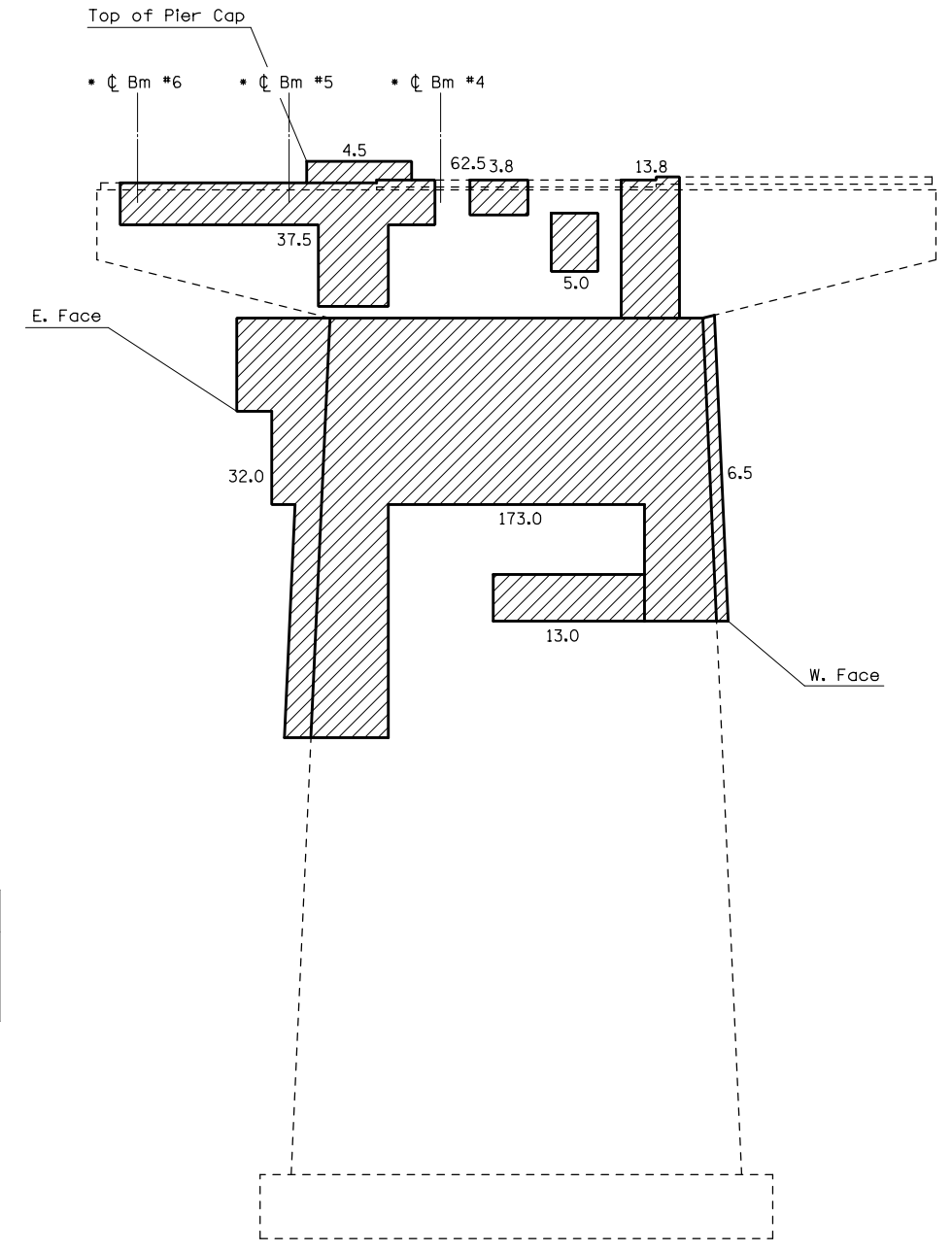
PIER #4 - NORTH FACE
SN 025-0071

* Temporary Shoring and Cribbing required.

BEAM REACTIONS

	South Brg. Pier #4	North Brg. Pier #4
R _Q (k)	42.8	21.6
R _L (k)	37.7	33.3
Imp. (k)	8.7	9.3
R _{Total} (k)	89.2	64.2

NOTE: QUANTITIES ARE ESTIMATED. ACTUAL QUANTITIES TO BE DETERMINED BY THE RESIDENT ENGINEER.



PIER #4 - SOUTH FACE
SN 025-0071

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Temporary Shoring & Cribbing	Each	8
Structural Repair of Concrete (Depth Equal to or Less than 5")	Sq. Ft.	405.6