



MIN 100mm TOP SOIL GRASS
PLANTED

RIPRAP ANGULAR BOULDERS
150-300, 300mm DEEP SET IN
AP40 HARDFILL

Cut end of pipe at 45° grind
back exposed steel 20mm
and place bead of epoxy
mortar on cut surface

Compacted
M/4:AP40

Pipe

W.L. - partial
submergence

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submergence

Haunching metal

SCOUR PROTECTION - 20/40
ANGULAR BOULDERS
UNDERLAYER 100mm DEEP

OUTFALL DETAILS

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Pipe

W.L.

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ANGULAR BOULDERS
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END VIEW

DISCHARGE TO GROUND DETAIL

