

A1 size drawing sheet (807mm x 584mm) scale is approx. double at A3 size



Any concrete in the ground based on the following:

Design Sulfate Class for Location:	DS-1
Aggressive Chemical Environment for Concrete (ACEC):	AC-1s
DC Class:	DC-1

Confirmed on site following remediation of the site and by validation and testing by Environmental Consultants E3P.

FOUNDATIONS CONCRETE MIX
CONCRETE TO BE MIN GRADE C35
MIN. CEMENT CONTENT = 300kg/cu.m CEMI OPC
MAX. FREE W/C RATIO = 0.6
MAX. AGGREGATE SIZE = 20mm
MED. WORKABILITY 25-75 SLUMP

MASS CONCRETE & BLINDING CONCRETE MIX
CONCRETE TO BE MIN GRADE C35
 MIN. CEMENT CONTENT = 225kg/cu.m CEMI OPC
 MAX. FREE W/C RATIO = 0.6
 MAX. AGGREGATE SIZE = 20mm
 MED. WORKABILITY 25-75 SLUMP

The diagram is a cross-section of a Klargester Separator. It features a central circular tank labeled "Klargester Separator". Above the tank, there is a concrete slab with a minimum thickness of 300 mm, indicated by a vertical dimension line on the left. This slab contains two layers of A393 mesh, shown as dashed lines. A hatch pattern is used to denote the concrete surrounding the mesh. Below the tank, there is another concrete layer with a minimum thickness of 250 mm, also indicated by a vertical dimension line on the left. This layer also contains two layers of A393 mesh. A 50 mm thick blinding concrete layer is shown at the very bottom. The entire structure is surrounded by natural bearing strata, which are shown with a diagonal hatch pattern. A note indicates that the strata should be compacted or proof-rolled if required. The top and bottom of the concrete layers are labeled "A393 mesh top & Btm 50 cover".

Top 300mm to be grade C35 concrete with 2 layers A393 mesh

Hatch denotes mass conc. surround

300 min

300 min

Klargester Separator

250 min

50Thk blinding conc.

A393 mesh top & Btm 50 cover

Compact/proof roll natural bearing strata if required

CROSS SECTION

DIAGRAMMATIC

[illegible]

HEALEY
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