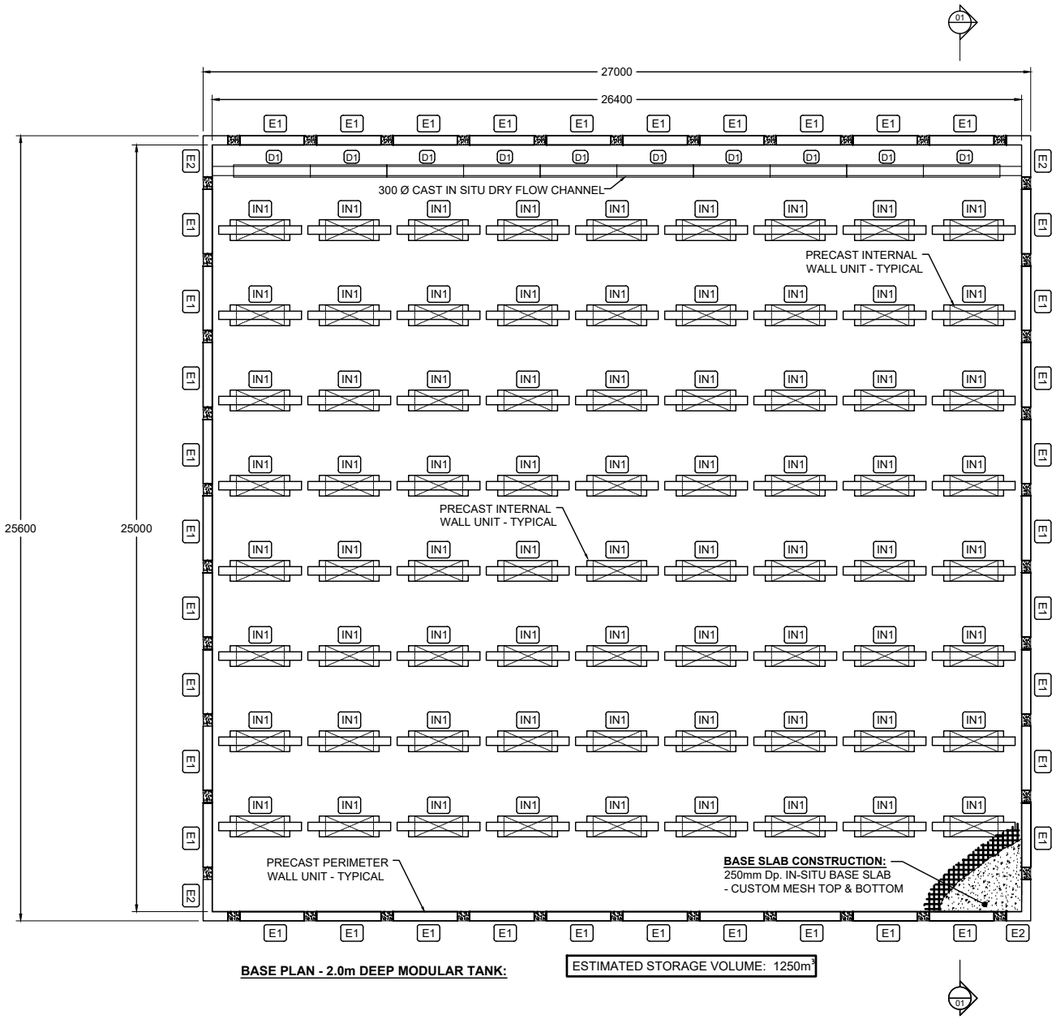
CARLOW CONCRETE

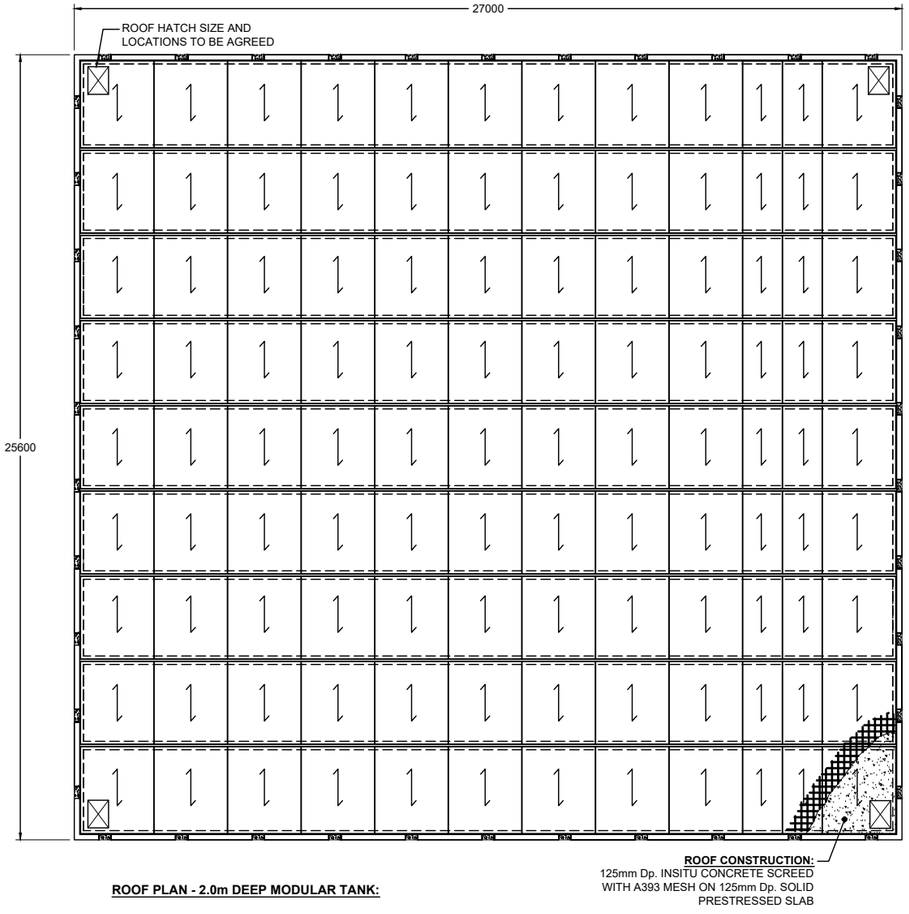
DRAWING TITLE:
LEE ROAD, ROYSTON,
2.0m Dp. MODULAR WATER RETAINING TANK,
PROPOSAL DRAWING

Drawn By: B. BYRNE	**Rev.**	**Date.**	**Comments.**
Chkd By: EB	A	23/08	
Date: 04-04-2017			
Drg No.: STS1851			



BASE PLAN - 2.0m DEEP MODULAR TANK:

ESTIMATED STORAGE VOLUME: 1250m³



ROOF PLAN - 2.0m DEEP MODULAR TANK:

KEY TO PRECAST WALL TYPES					
TYPE	DESCRIPTION	QUANTITY	HEIGHT	WIDTH	WEIGHT
E1	STANDARD EXTERNAL WALL	38	3.550m	2.100m	4.10T
E2	CORNER WALL	4	3.550m	1.050m	6.00T
IN1	STANDARD INTERNAL WALL	72	3.000m	2.700m	1.92T
D1	STANDARD DRY FLOW CHANNEL	22	0.300m	2.500m	0.43T

ESTIMATED INSITU CONCRETE VOLUMES	
INSITU CONCRETE BLINDING	61.5m³
BASE SLAB	175.0m³
ROOF SCREED	90.0m³
INSITU WALL JOINTS	11.5m³
ESTIMATED VOLUMES INCLUDE A 5% ALLOWANCE FOR SITE DEVIATION	

KEY TO PRECAST SLABS			
DESCRIPTION	QUANTITY	HEIGHT	TOTAL AREA
PRECAST WIDE SLAB	108	0.125m	676m2

A3

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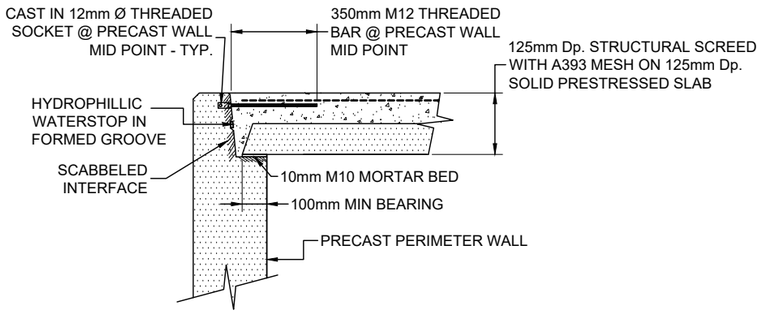
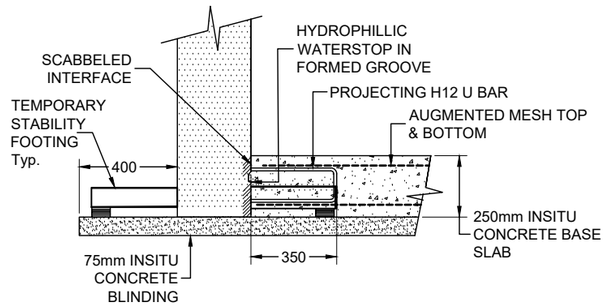
A3

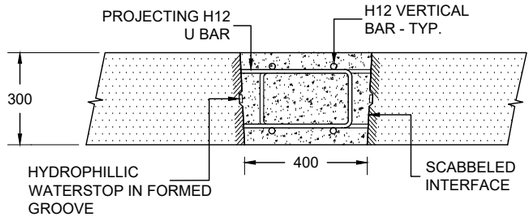


PERIMETER WALL DETAIL TOP OF WALL LEVEL:
SCALE: 1:25

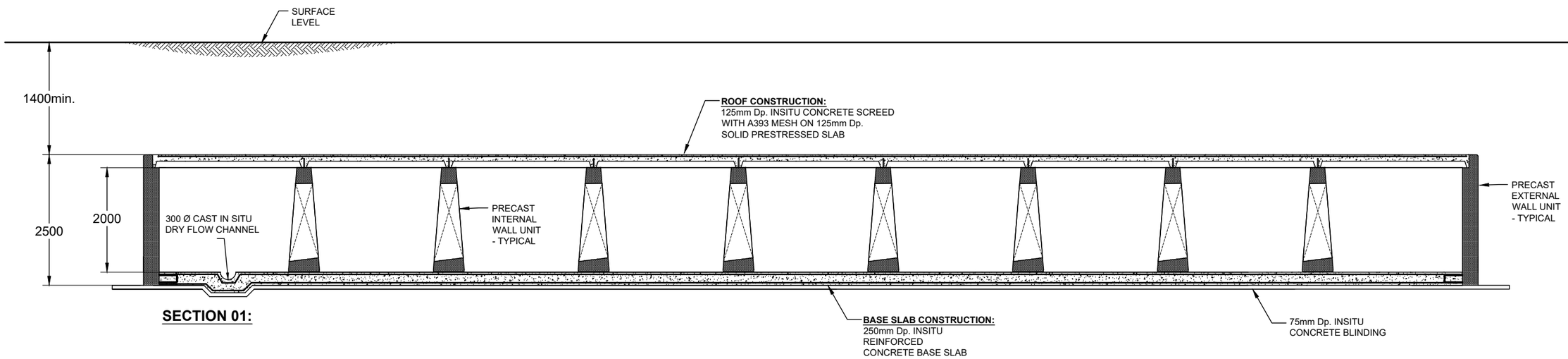


PERIMETER WALL DETAIL BASE LEVEL:
SCALE: 1:25

SIMILAR INSTALLATION:



PLAN VIEW - TYPICAL WALL JOINT DETAIL:
SCALE: 1:20



SECTION 01: