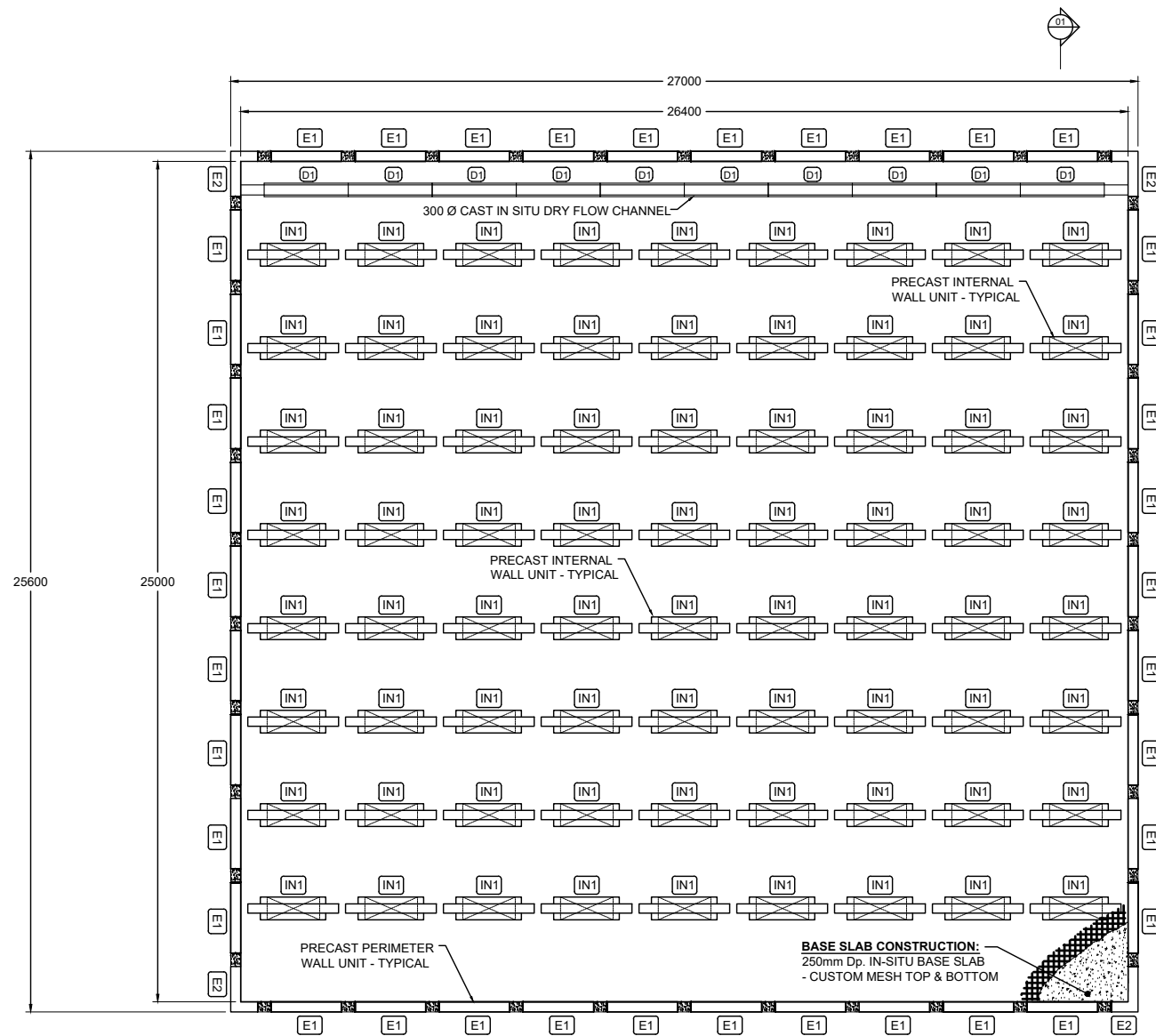
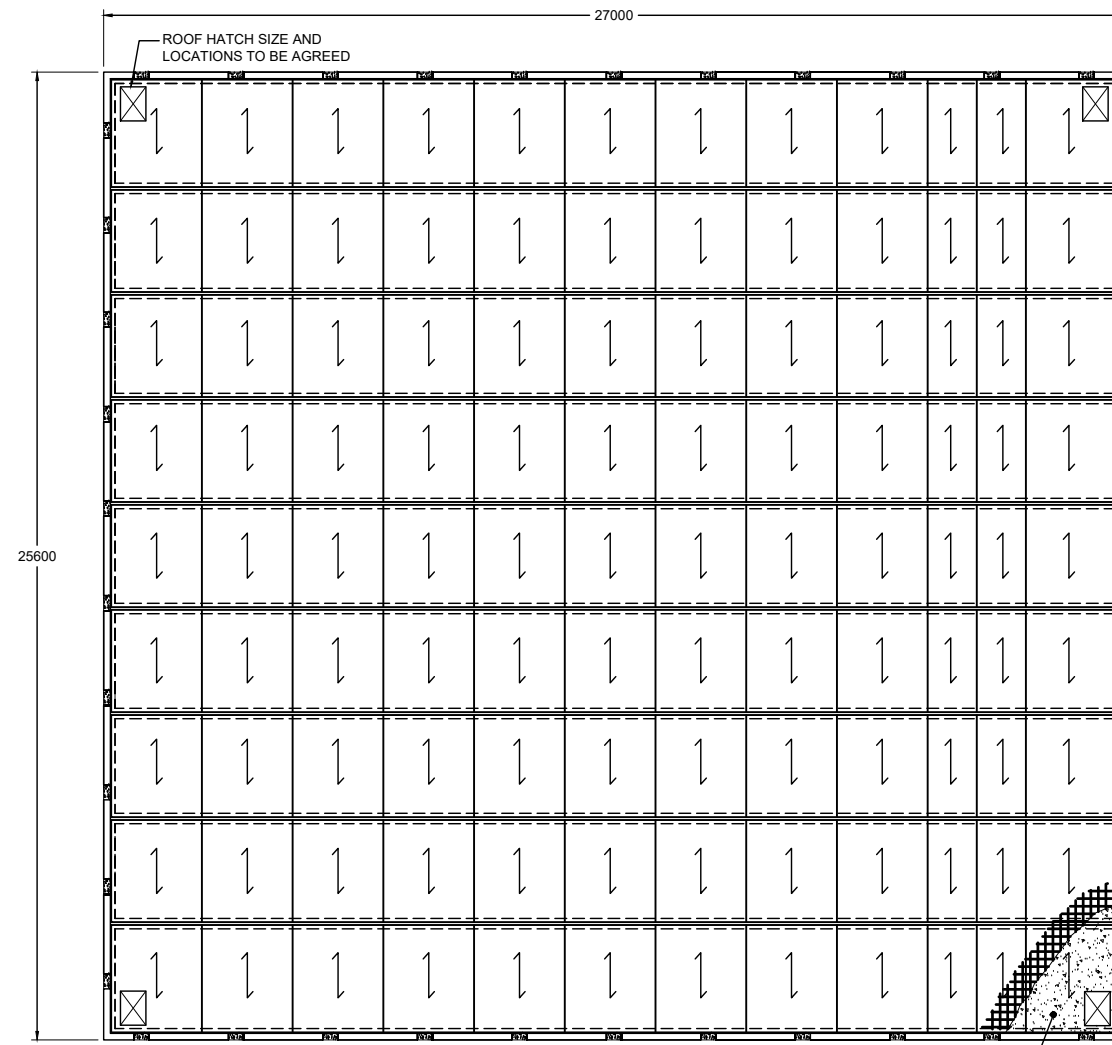


<b>Drawn By:</b> B. BYRNE	<b>Rev.</b>	<b>Date.</b>	<b>Comments.</b>
<b>Chkd By:</b> EB	A	23/08	
<b>Date:</b> 04-04-2017			
<b>Drg No.:</b> STS1851			

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



**BASE PLAN - 2.0m DEEP MODULAR TANK:** ESTIMATED STORAGE VOLUME: 1250m<sup>3</sup>



**ROOF PLAN - 2.0m DEEP MODULAR TANK:** ROOF CONSTRUCTION: 125mm Dp. INSITU CONCRETE SCREED WITH A393 MESH ON 125mm Dp. SOLID PRESTRESSED SLAB

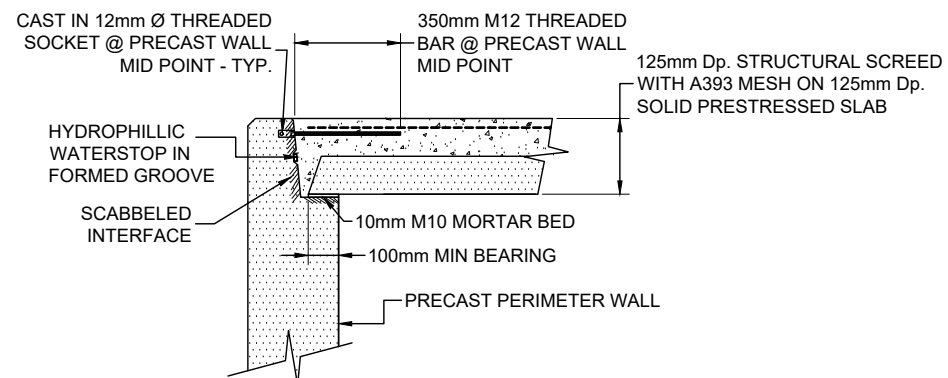
KEY TO PRECAST WALL TYPES					
TYPE	DESCRIPTION	QUANTITY	HEIGHT	WIDTH	WEIGHT
E1	STANDARD EXTERNAL WALL	38	3.550m	2.100m	4.10T
E2	CORNER WALL	4	3.550m	1.050m	6.00T
IN1	STANDARD INTERNAL WALL	72	3.000m	2.700m	1.92T
D1	STANDARD DRY FLOW CHANNEL	22	0.300m	2.500m	0.43T

ESTIMATED INSITU CONCRETE VOLUMES	
INSITU CONCRETE BLINDING	61.5m <sup>3</sup>
BASE SLAB	175.0m <sup>3</sup>
ROOF SCREED	90.0m <sup>3</sup>
INSITU WALL JOINTS	11.5m <sup>3</sup>
ESTIMATED VOLUMES INCLUDE A 5% ALLOWANCE FOR SITE DEVIATION	

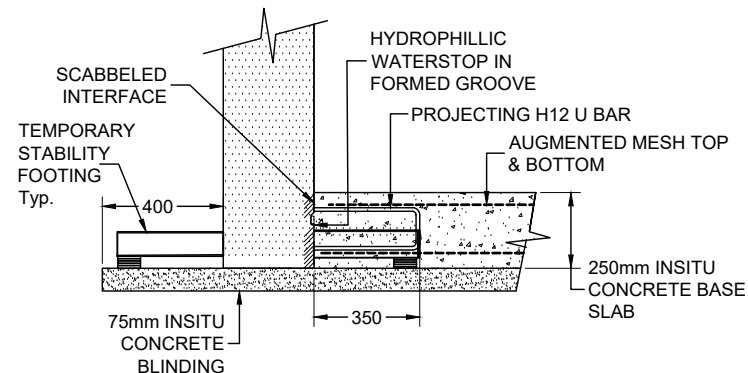
KEY TO PRECAST SLABS			
DESCRIPTION	QUANTITY	HEIGHT	TOTAL AREA
PRECAST WIDE SLAB	108	0.125m	676m <sup>2</sup>

Drawn By:	Rev.	Date.	Comments.
B. BYRNE			
Chkd By: EB	A	24/08	
Date: 04-04-2017			
Drg No.: STS1851			

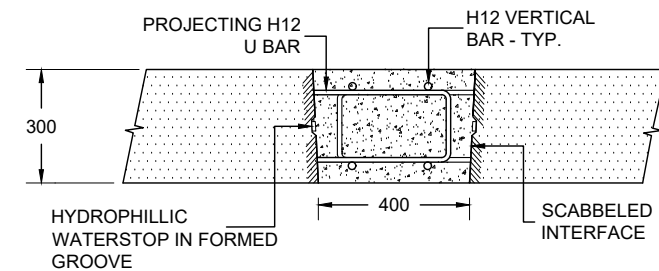
**DRAWING TITLE:**  
LEE ROAD, ROYSTON,  
2.0m Dp. MODULAR WATER RETAINING TANK,  
PROPOSAL DRAWING



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



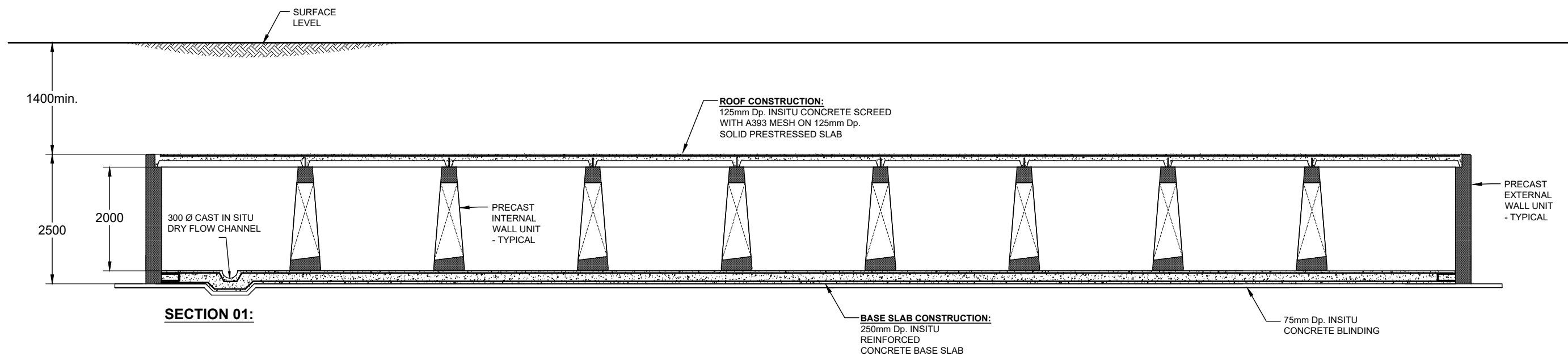
**PERIMETER WALL DETAIL BASE LEVEL:**  
SCALE: 1:25



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



**SIMILAR INSTALLATION:**



**SECTION 01:**

**ROOF CONSTRUCTION:**  
125mm Dp. INSITU CONCRETE SCREED  
WITH A393 MESH ON 125mm Dp.  
SOLID PRESTRESSED SLAB

**BASE SLAB CONSTRUCTION:**  
250mm Dp. INSITU  
REINFORCED  
CONCRETE BASE SLAB

75mm Dp. INSITU  
CONCRETE BLINDING

PRECAST  
EXTERNAL  
WALL UNIT  
- TYPICAL

PRECAST  
INTERNAL  
WALL UNIT  
- TYPICAL

300 Ø CAST IN SITU  
DRY FLOW CHANNEL

SURFACE  
LEVEL

1400min.

2500

2000