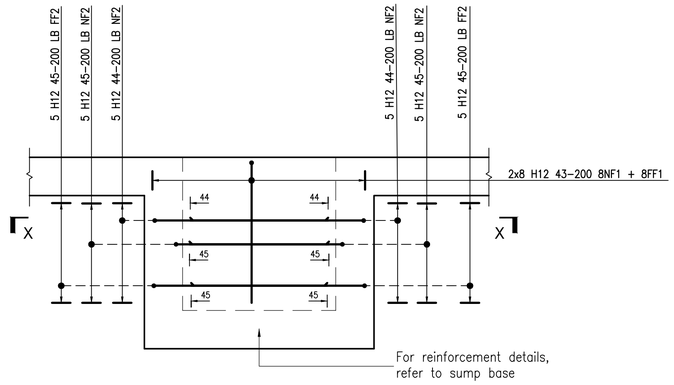
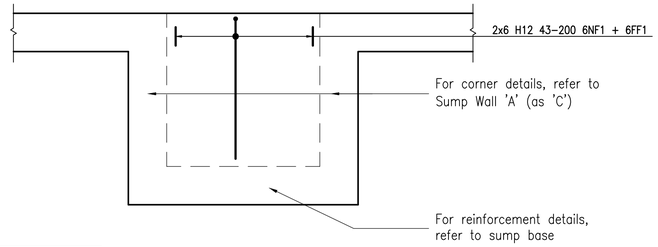
© Halstead Associates Limited



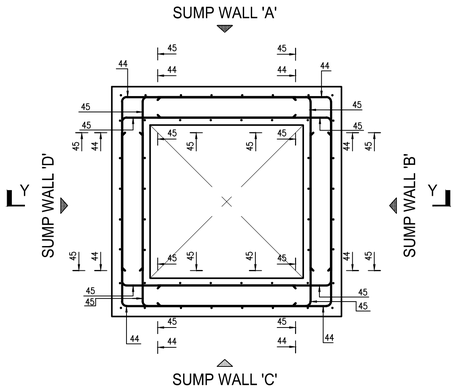
Layers NF2/FF2
Layers NF1/FF1

SUMP WALL 'A' (250 THK)
AS SUMP WALL 'C'
4 No. THUS
SCALE 1:20

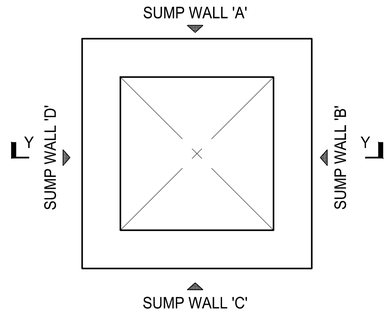


Layers NF2/FF2
Layers NF1/FF1

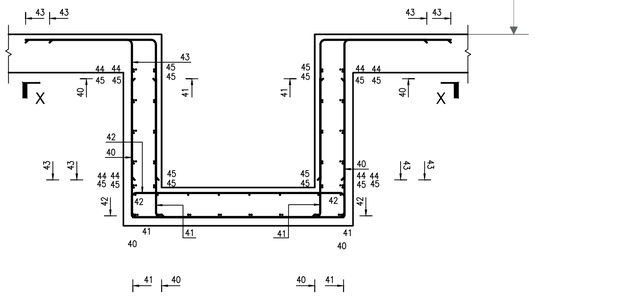
SUMP WALL 'B' (250 THK)
AS SUMP WALL 'D'
4No. THUS
SCALE 1:20



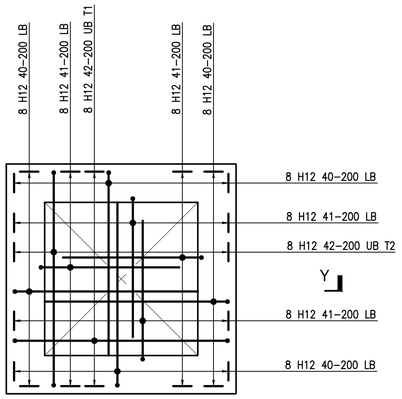
SECTION X - X
(PLAN VIEW)
SCALE 1:20



KEY PLAN
SCALE 1:20

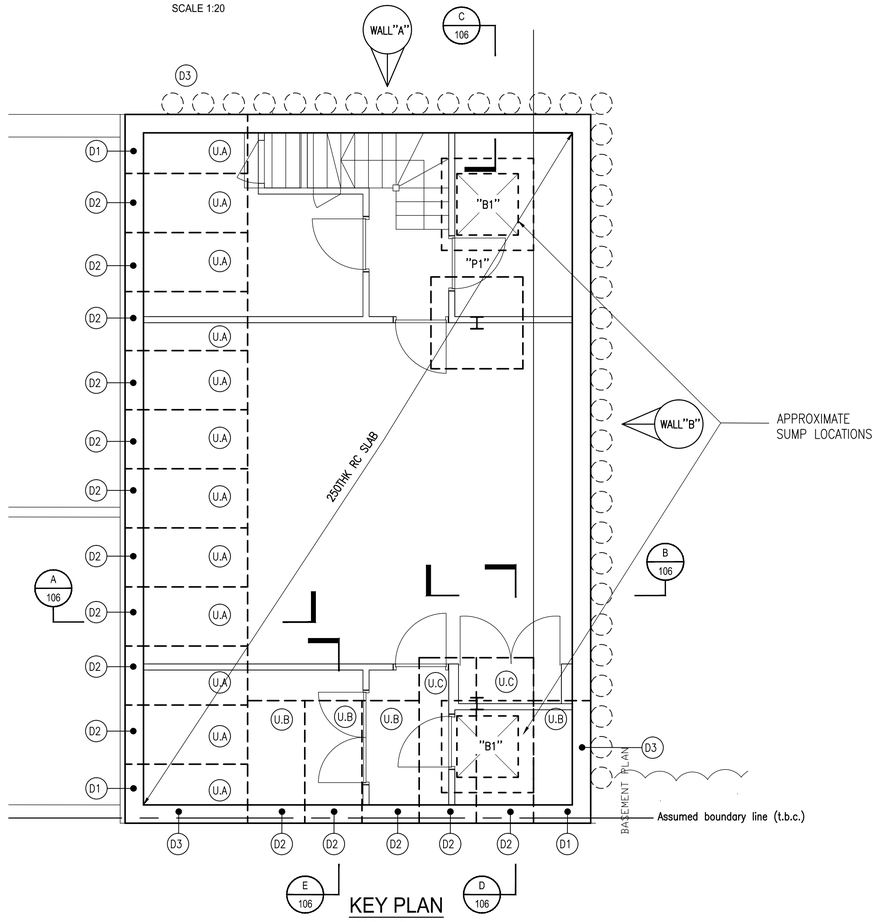


SECTION Y - Y
SCALE 1:20



SUMP BASE 1 (250 THK)
2No. THUS
SCALE 1:20

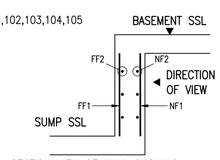
T2/B2
T1/B1



KEY PLAN
APPROX. SCALE 1:50

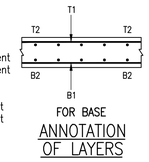
Rev.	Date	Revisions	By	Engineer

NOTES:
1. This drawing should be read in conjunction with concrete specifications and relevant structural engineer's drawings and specifications.
2. All dimensions are in millimetres unless noted otherwise. All levels are expressed in metres.
3. Concrete grade to be C32/40 conforming with max. w/c ratio of 0.55 and min. cement content of 320kg/m^3 to BS8500.
4. Reinforcement to be Grades B500A, B or C conforming to BS 4449 : 2005 and BS8666 : 2005.
5. Minimum cover to reinforcement to be:–
   Top = AS NOTED Bottom = 75mm Sides = 40mm
6. For bending schedules, refer to Bar Schedule Ref: 15773/100,101,102,103,104,105
7. Minimum laps to reinforcement bars to be:–
   H10ø bars = 400mm H16ø bars = 650mm
   H12ø bars = 500mm H20ø bars = 800mm
   H25ø bars = 1000mm H32ø bars = 1300mm
8. Key to reinforcement call ups: 24 H12–01 150 T1
   - Number of bars
   - Steel type and diameter
   - Bar mark
   - Bar spacing
   - Position in member



SECTION VIEW OF WALL SHOWING

ABBREVIATIONS:
T1 = Top layer 1 reinforcement
T2 = Top layer 2 reinforcement
B1 = Bottom layer 1 reinforcement
B2 = Bottom layer 2 reinforcement
UB = U–bars
LB = L–bars
NF1 = Near Face 1 reinforcement
NF2 = Near Face 2 reinforcement
FF1 = Far Face 1 reinforcement
FF2 = Far Face 2 reinforcement



FOR BASE
ANNOTATION
OF LAYERS

Project: 2 AKENSIDE ROAD, LONDON, NW3 5BS
Title: RC DETAILS OF BASEMENT SUMPS
Client: Ms G Masters
Architect: Bernard Stillwell Architects

Drawn by: MP
Checked by: JE
Date: March 2016
Scale: 1:25, 1:50 UNO @ A1
Drawing No: 15773/107

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