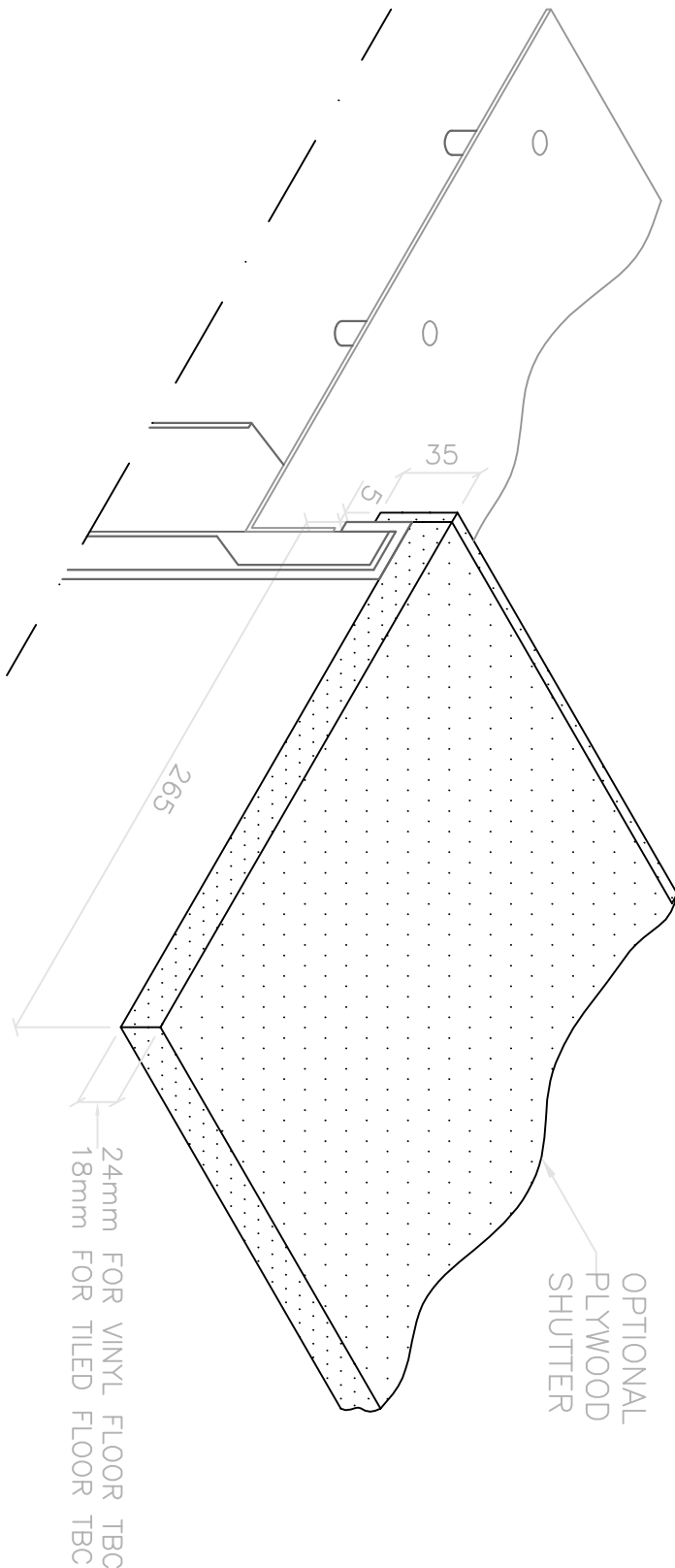
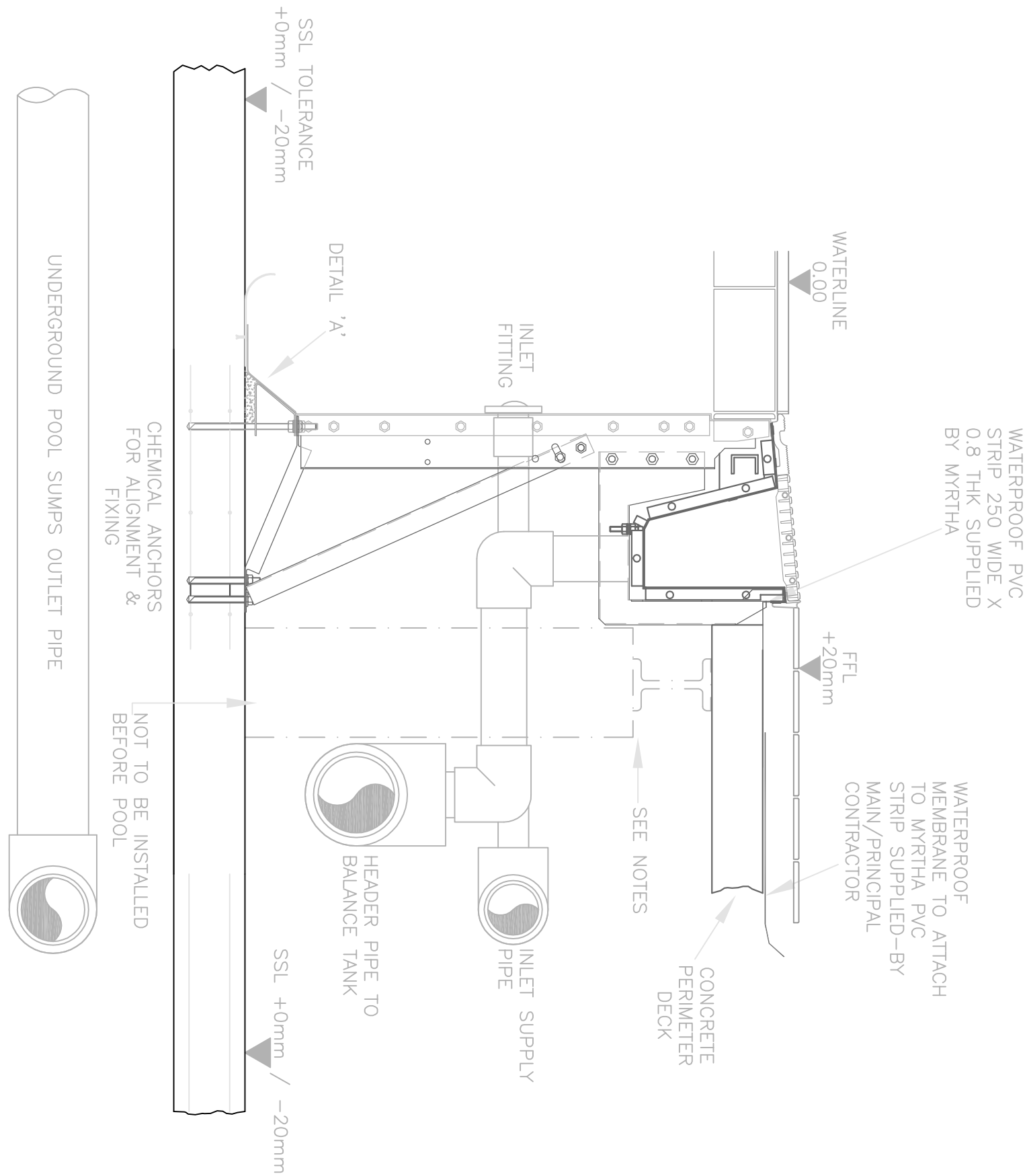


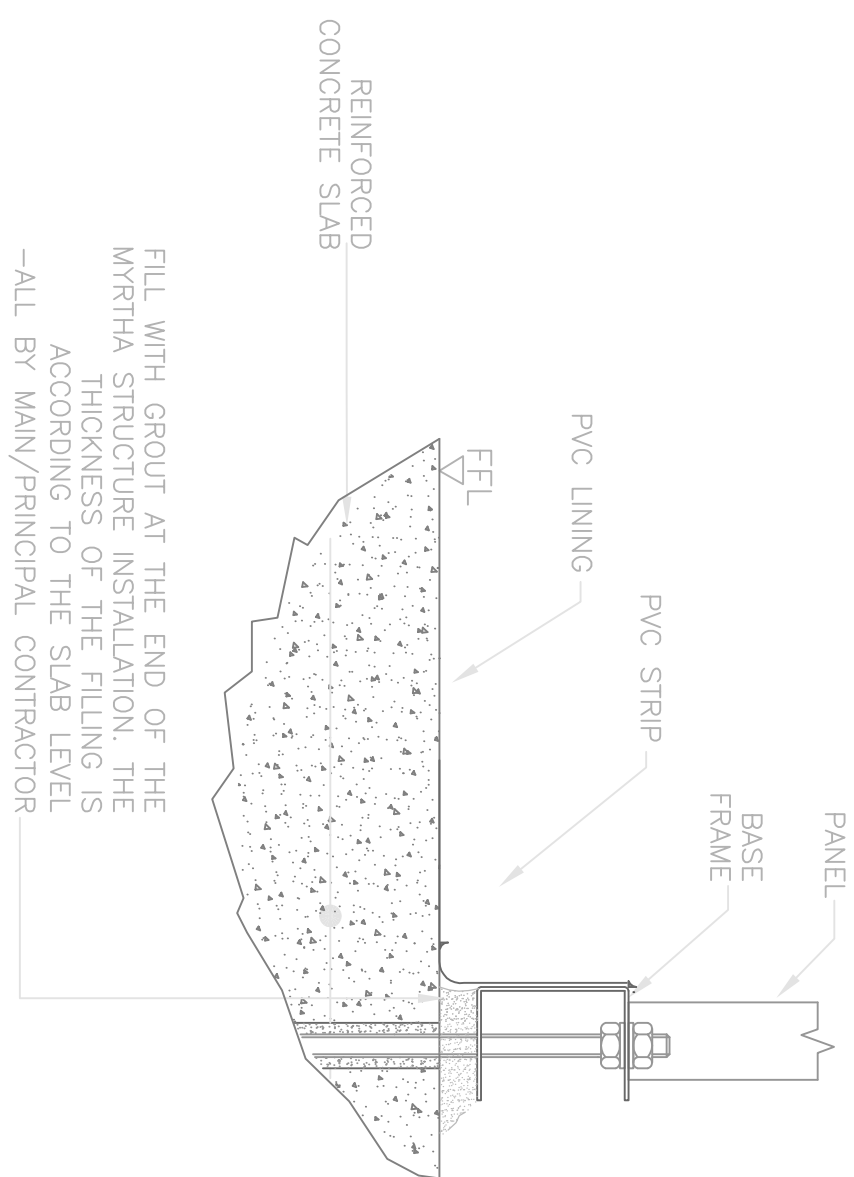
POOL SURROUND DETAIL
SCALE : NA



OPTIONAL PLYWOOD SHUTTER DETAIL
SCALE : NA



STANDARD MYRTHA
PANEL DETAIL
SCALE : NA



DETAIL 'A'
SCALE : NA

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL TENDER DRAWINGS AND DOCUMENTATION.
2. ALL DRAWING DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
3. ALL DIMENSIONS AND LEVELS TO BE CHECKED AND/OR VERIFIED ON SITE BY RELEVANT PERSON. ANY DISCREPANCIES TO BE REPORTED TO SITE ENGINEER/AGENT AND POOL CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
4. OTHER PARTIES TO ENSURE FORMATION SOIL TO BE CAPABLE OF PROVIDING SUITABLE SAFE LOAD-BEARING PRESSURE OF POOL.
5. WHERE POOL CONSTRUCTION IS IN GROUND AND THERE IS A HIGH WATER TABLE, DE-WATERING OF POOL CONSTRUCTION ZONE DURING INSTALLATION, AND SUITABLE DRAINAGE THEREAFTER TO AVOID HYDROSTATIC PRESSURES AND WATER INGRESS, WHERE THE POOL HAS AN UNDERCROFT AREA AROUND ANY PART OF THE POOL WALLS, THE UNDERCROFT AREA SHOULD BE DRAINED BY WATERBORN ADDED TO CIRCUMSTANCES MAY CHLOMINATED POOL WATER BE ADDED TO INGRESS THE UNDERCROFT/VOID AREA FROM ANY OTHER WORKS, WHERE THE POOL IS SITED ON AN UPPER LEVEL, PROVISION OF TANKING AND DRAINAGE TO AREA ADJACENT TO POOL STRUCTURE, BOTH THESE ITEMS OF WORK ARE RECOMMENDED FOR POOLS INSTALLED IN UPPER FLOOR AREAS, THE STRUCTURE HAS NOT BEEN DESIGNED TO RESIST HYDROSTATIC UPLIFT.
6. 100mm 'HIGH U VALUE' NON COMPRESSIBLE INSULATION TO BE PROVIDED UNDER CONCRETE SLAB TO MEET LATEST BUILDING REGULATIONS.
7. ALL CONCRETE MIXES TO BE IN ACCORDANCE WITH BS8110.
8. ALL CONCRETE FOUNDATIONS TO HAVE A MINIMUM LOAD BEARING CAPACITY OF 35 N/mm² LAD ON A MIN OF 50mm BLINDING CONCRETE OR AS DIRECTED BY THE ENGINEER ON SITE. SUBJECT TO CONFIRMATION, THE FOUNDATION TO BE A MINIMUM 200mm THICK AND INCORPORATE TWO LAYERS OF A252 MESH UNDER THE BASE FRAME AND WALL SUPPORT SECTION WITH THE SINGLE TOP LAYER CONTINUING THROUGH THE WHOLE POOL AREA. REINFORCEMENT TO RECEIVE 50mm MINIMUM COVER.

MYRTHA POOL REQUIREMENTS-TO BE PROVIDED BY THE MAIN/PRINCIPAL CONTRACTOR

9. TOLERANCE NOT TO EXCEED + 0 mm and -20mm OVER ENTIRE LENGTH AND WIDTH OF POOL. MUST HAVE A POWER FLOAT FINISH. DATUM TAKEN FROM F.F.L OF POOL SURROUND SLAB. POOLS CONSTRUCTED ON EXISTING SLABS TO BE CONFIRMED BY STRUCTURAL ENGINEER.
10. REINFORCEMENT STEEL TO BE HOT ROLLED TYPE 2 DEFORMED HIGH YIELD BARS IN ACCORDANCE WITH BS4449. FABRIC REINFORCEMENT TO BE IN ACCORDANCE WITH BS4483.
11. BENDING REINFORCEMENT COLD TO BS4466
12. MINIMUM CONCRETE COVER TO REINFORCEMENT TO BE 50MM UNLESS STATED OTHERWISE.
13. MINIMUM OVERLAP IN FABRIC REINFORCEMENT TO BE 500MM.
14. PRIOR TO LAYING THE POOL FLOOR MEMBRANE, ALL SHRINKAGE CRACKS IN FLOOR SLAB TO BE GROUT FILLED WITH 3:1 SAND/CEMENT OR SIMILAR APPROVED.
15. THE FOUNDATION DESIGN AND SPECIFICATION CONTAINED WITHIN THIS DRAWING IS, THE MINIMUM REQUIREMENT FOR THIS POOL. ANY DEVIANCE FROM THIS DESIGN IS ENTIRELY THE CONSULTING ENGINEERS RISK AND RESPONSIBILITY.
16. THIS DRAWING HAS BEEN PRODUCED TO IDENTIFY THE MYRTHA POOL ARRANGEMENT; i.e. PANELS, GUTTERS AND DETAILS ONLY. IT DOES NOT REFLECT THE BUILDERS WORK REQUIREMENTS FOR THE WATER FILTRATION SYSTEM FOR EXAMPLE PIPE TRENCHES, CORING, RECESSES ETC WHICH WILL CONSTITUTE THE BODY OF WORK WITHIN AND AROUND THE POOL AREA.
17. NO STRUCTURAL STEELWORK/BRICK PIER SUPPORTS FOR POOL SURROUND DECK SHOULD BE INSTALLED BEFORE THE MYRTHA POOL & POOL SURROUND PIPE WORK IS INSTALLED.

BACKFILLED MATERIAL (DRAINAGE GRAVEL FROM Ø10 TO Ø30mm) NEEDS TO BE COMPLETED IN LAYERS OF A MAXIMUM 500mm (200mm CLEAN) AND BE DONE MANUALLY TO AVOID DEFORMATION AND/OR DAMAGE TO THE MYRTHA STRUCTURE. THE INSTALLER MUST BE NOTIFIED 48 HOURS IN ADVANCE OF BACKFILL OPERATIONS TO MONITOR THE PROCEDURE AND ENSURE THE COMPATIBILITY WITH THE MYRTHA STRUCTURE.

B		TENDER ISSUE	22/2/18
REVISIONS			
Department For Resources & Regulation			
Architectural Services			
Project Name			
ELMS BANK SPECIALIST ARTS COLLEGE-PHASE 2-HYDROTHERAPY POOL			
Project No			
SLP2012			
Drawing Title			
HYDROTHERAPY POOL			
MyrthA Pool Details			
Scale			
AS SHOWN @A1 22/2/18			
Drawing No			
SLP2012-20.01			
Revision			
B			