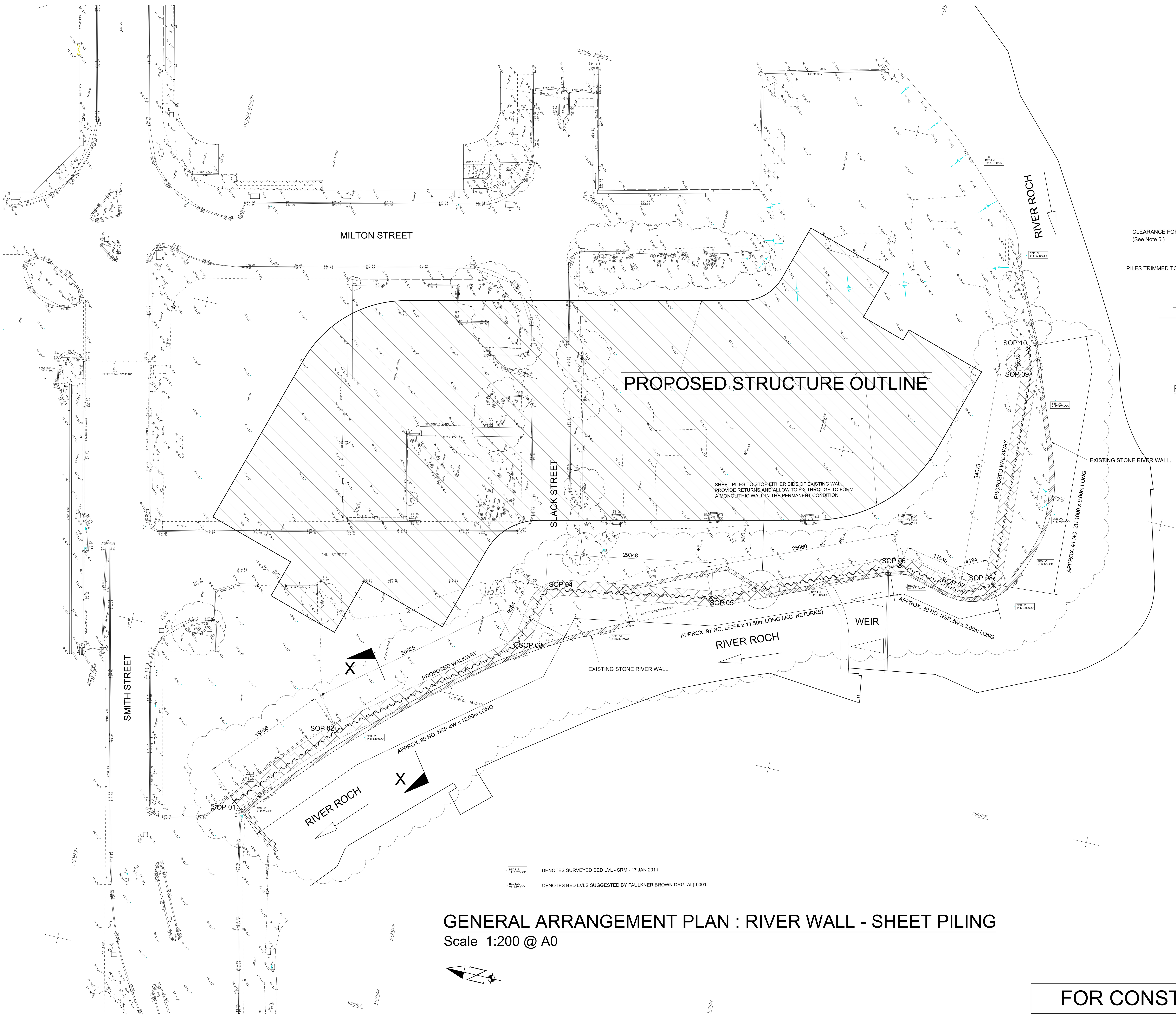
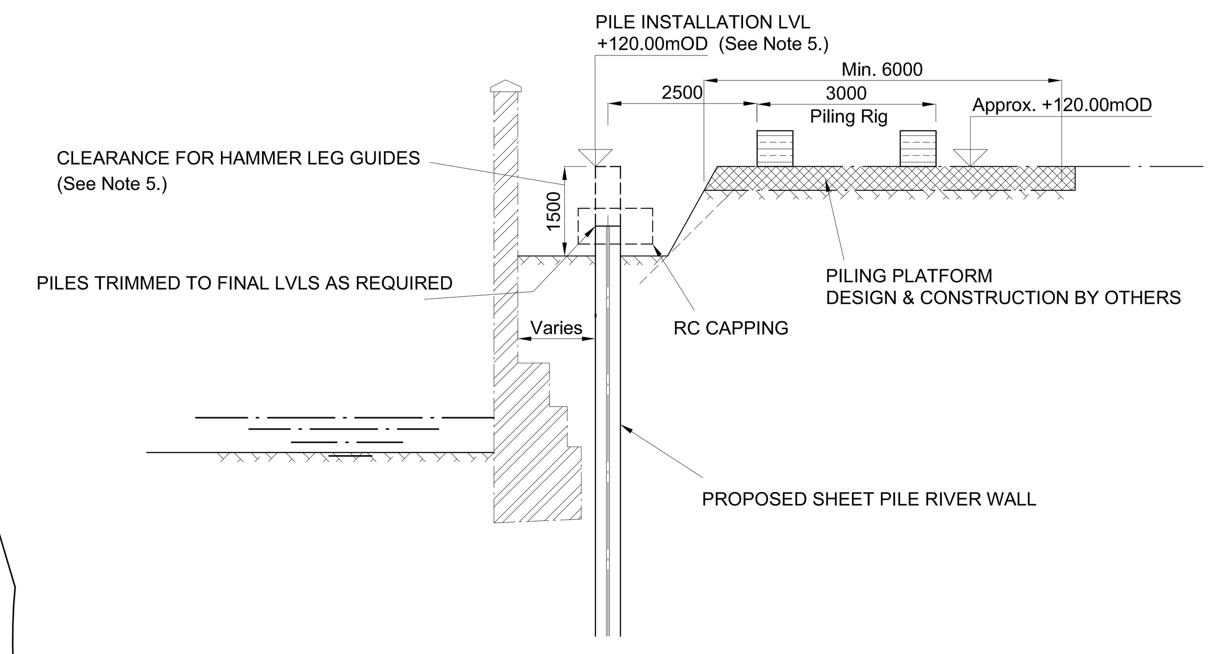


GENERAL ARRANGEMENT PLAN : RIVER WALL - SHEET PILING

Scale 1:200 @ A0

NOTES

1. See also SP.UK Method Statement.
2. Setting out by others.
3. The Sheet Pile numbers, wall plan lengths and pile orientations indicated are indicative only and are subject to rolling and installation tolerances.
4. The Sheet Pile Wall Layout shown is a 'Best-Fit' Layout, based on the Setting Out information shown on Curtins drg. 60-RW-01 rev C. The setting out may be revised on site if required to accommodate any existing wall foundations and/or obstructions etc.
5. Sheet Piles to be Installed to a Head Level of +120.00mOD and then trimmed to the final head Levels indicated in the Table below if driven to final level with a Hydraulic Drop Hammer. Otherwise, piles to be installed to the final head levels with the Vibrohammer (if possible).
6. At changes in direction of the proposed river wall, the angles are to be formed by turning in the pile interlocks where feasible.
7. For Typical Sections, Sequence, and Sheet Pile Section Details, See SPUK drg. C830/DET/01
8. 50 dia Weepholes at 1200mm centres are to be provided.
   - Downstream of Weir @ +117.50mOD.
   - Upstream of Weir @ +119.00mOD.
   The Permanent River Wall Details are to ensure that the ground water level behind the sheet piles does not rise above these levels.



FACILITATING WORKS SKETCH - DOWNSTREAM OF WEIR.

SOP	NORTHINGS	EASTINGS	CUT OFF LEVELS (m AOD)
1	4976.357	974.861	+118.95
2	4968.104	992.036	+118.95
3	4950.177	1016.816	+118.95
4	4951.047	1025.858	+118.95
5	4925.159	1039.682	+118.95
6	4906.227	1057.004	+118.95
7	4894.730	1057.993	+118.95
8	4891.324	1060.736	+118.95
9	4902.798	1092.802	+119.85
10	4904.670	1094.812	+119.85

NB/
Sheet pile cut off levels to taper between points 8 & 9.
Co-ordinates are for Sheet Pile Wall Centrelines.

SETTING OUT DETAILS.

CDM (2007) - RESIDUAL RISKS

REF	RISK
01	River Bed Levels.
02	Rock Levels / Profile, Rock Quality.
03	Soil Strengths above Rockhead.
04	Long Term Scour of River Bed
05	Surcharge Loadings > Design Allowance.
06	Obstructions along Sheet Pile Wall Line.
07	Ground Water Levels.

A	03/02/11	Revised as Clouded (Curtins Revisions)	GAP
P1	xx/xx/xx	FIRST ISSUE-FOR REVIEW	GAP

Client :
SIR ROBERT McALPINE LTD.

Project :
NEW MUNICIPAL OFFICES - ROCHDALE.

Drawing Title :
RIVER WALL - SHEET PILING : GENERAL ARRANGEMENT PLAN.

JAN 2010	Scale : Shown	Drawn by : G.Potts	Checked :
Original Size A0	Drawing No. C830/GA/01		Revision : A

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