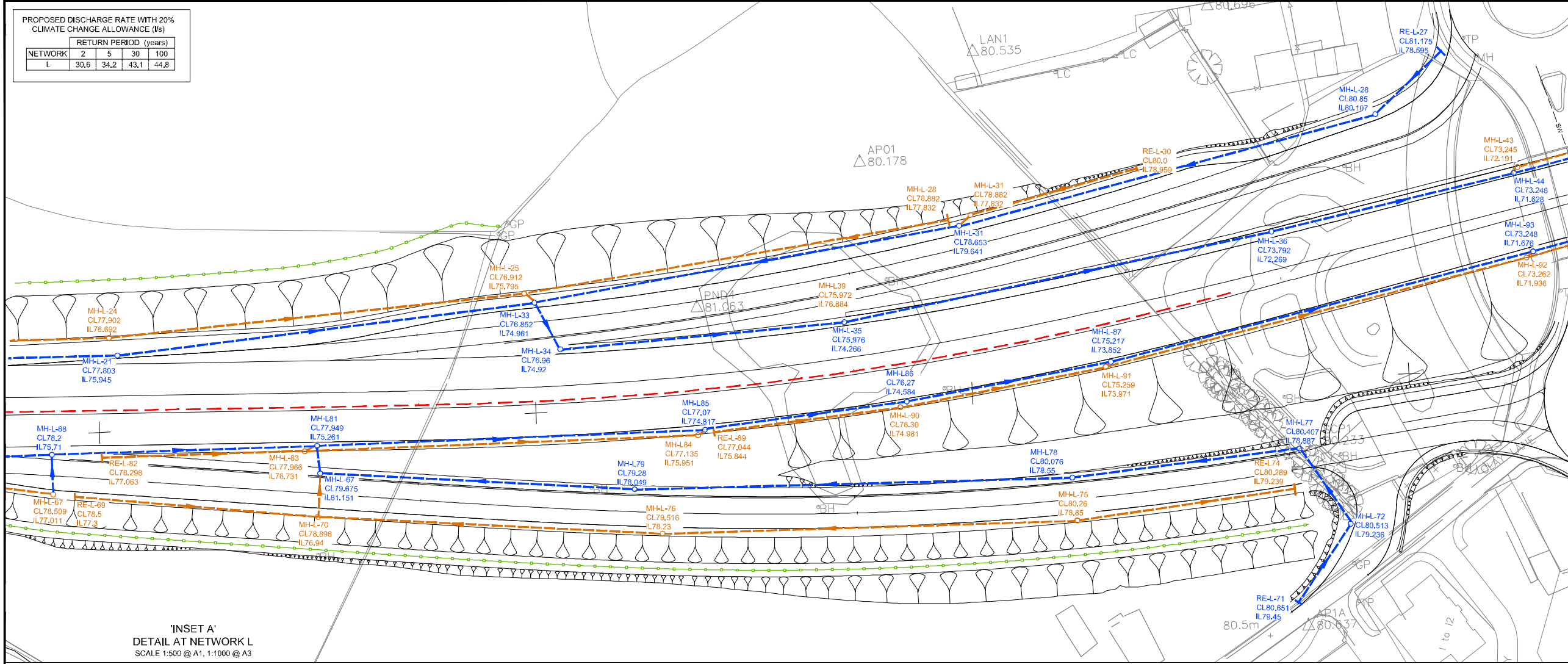
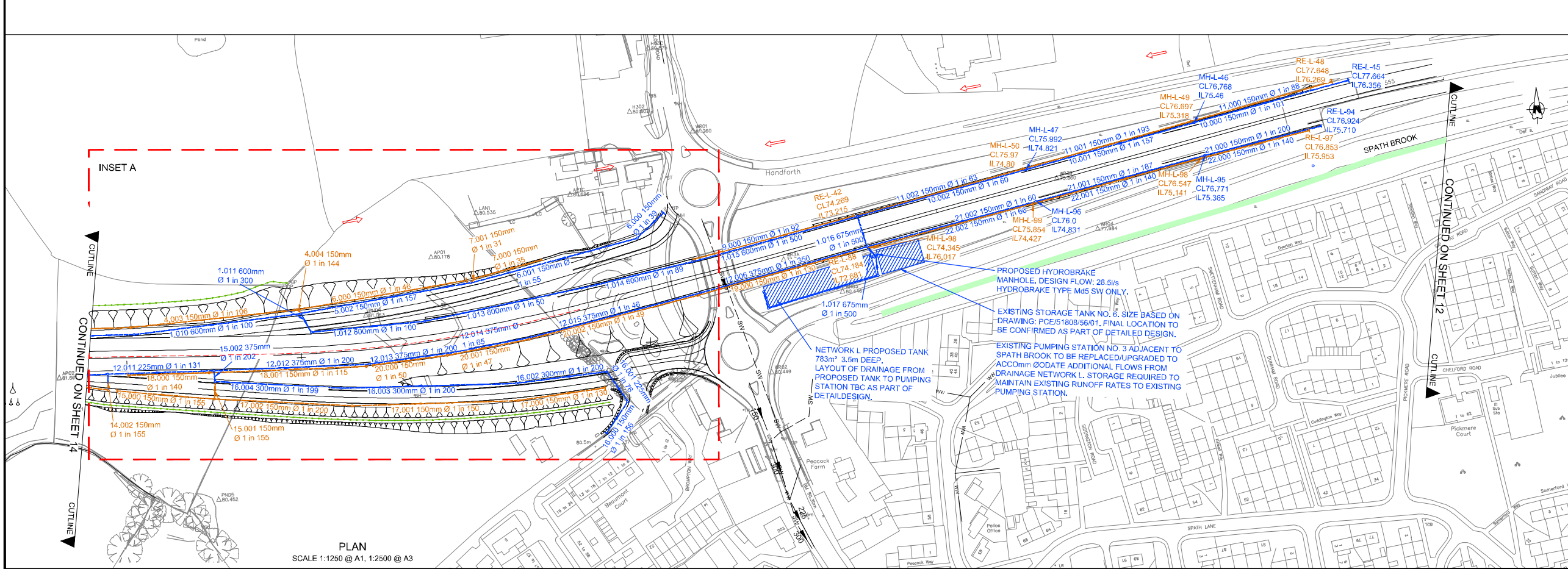


PROPOSED DISCHARGE RATE WITH 20% CLIMATE CHANGE ALLOWANCE (l/s)

NETWORK	RETURN PERIOD (years)			
	2	5	30	100
L	30.6	34.2	43.1	44.8



'INSET A'
DETAIL AT NETWORK L
SCALE 1:500 @ A1, 1:1000 @ A3



PLAN
SCALE 1:1250 @ A1, 1:2500 @ A3

- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND THE AECOM DRAINAGE STRATEGY REPORT, DOCUMENT REFERENCE 60212470-HIG-002. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF AECOM.
 - ALL DIMENSIONS TO BE CHECKED BEFORE COMMENCEMENT OF WORK ON SITE.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - PIPES Ø IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL WORKS TO BE IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW).
 - ALL EARTHWORKS/GROUNDWATER DRAINAGE PIPES TO BE FILTER DRAINS WITH THE EXCEPTION OF PIPES RUNNING ACROSS HIGHWAY. THESE PIPES ARE TO BE UNPERFORATED CARRIER DRAINS.
- KEY:
- EXISTING DRAINAGE (COMBINED)
 - EXISTING DRAINAGE (SURFACE)
 - EXISTING CULVERT
 - EXISTING WATERCOURSE
 - PROPOSED SYPHON
 - PROPOSED HIGHWAY DRAINAGE
 - PROPOSED EARTHWORKS / GROUNDWATER DRAINAGE
 - PROPOSED CULVERT
 - PROPOSED OUTFALL LOCATION
 - PROPOSED RISING MAIN
 - PROPOSED PIPE NETWORK NAME AND NUMBER
 - PROPOSED MANHOLE/CATCHPIT NETWORK NAME AND NUMBER
 - PROPOSED RODDING EYE NUMBER AND NETWORK NAME
 - PROPOSED POND/TANK
 - LIMIT OF DEVIATION
 - PROPOSED FENCELINE (TAKEN FROM LATEST HIGHWAY DESIGN LAYOUT)
 - DIRECTION OF PROPOSED HIGHWAY LONGFALL
 - EXISTING OIL PIPELINE
 - PROPOSED OIL PIPELINE
 - PROPOSED 300mm INTERNAL Ø SLIPFORM SLOT DRAIN (BY EXTRUDAKER® OR SIMILAR APPROVED). MAXIMUM LENGTH BETWEEN OUTFALLS APPROX 300m (TBC AT DETAIL DESIGN)

Rev	Date	Detail	Make	Chk	App'd
P05	22.04.13	UPDATED FOLLOWING REVISED TR1 DESIGN & SMC COMMENTS	JDR	PB	MCB
P04	15.03.13	AMENDED TO TR1 DESIGN	JDR	PB	MCB
P03	11.06.11	AMENDMENTS FOLLOWING COMMENTS FROM SMC	VUM	MCB	PJ
P02	12.07.11	AMENDMENTS FOLLOWING COMMENTS FROM SMC	VUM	MCB	PJ
P01	06.06.11	FIRST ISSUE FOR COMMENT	AJR	MCB	PJ

Client: STOCKPORT METROPOLITAN BOROUGH COUNCIL

Project: SEMMMS A6 RELIEF ROAD

Title: DRAINAGE LAYOUT NETWORK L SHEET 13

Design: PB	CAD: AJR
Chk'd: MCB	App'd: PJ
Date: 06.05.11	Scale: AS SHOWN

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No. 60212470-HIG-0513 P05

CAD File: F:\projects\Highways - SEMMMS A6 Relief Road\01_Autocad\01_Output\60212470-HIG-0513.dwg, Plotted on 4/23/2013 11:08 AM by Rooney, John