

AGENDA ITEM 9

APPENDIX I

2018/0402/DET

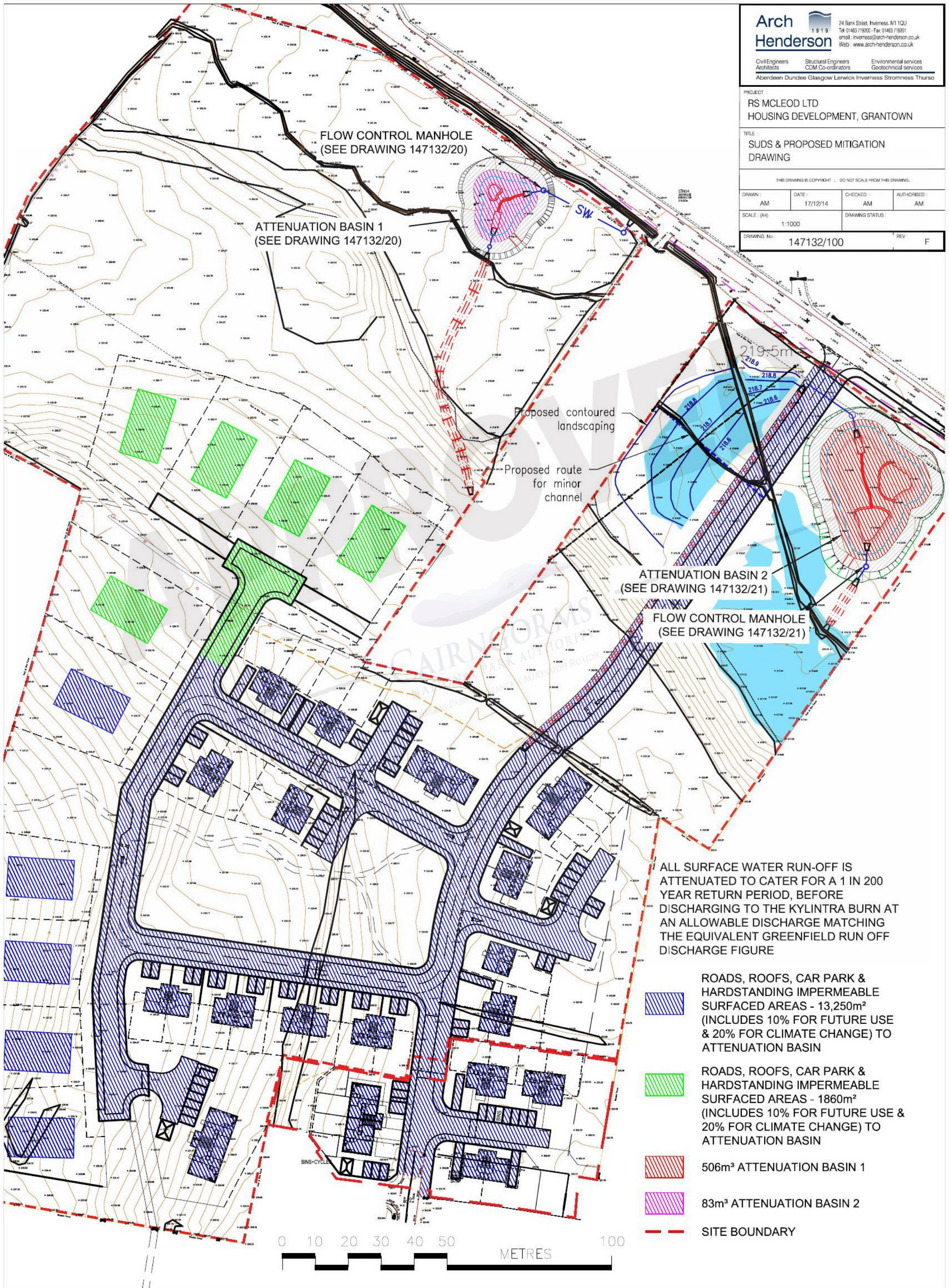
ORIGINAL SUDS LAYOUT

PROJECT:
 RS MCLEOD LTD
 HOUSING DEVELOPMENT, GRANTOWN

TITLE:
 SUDS & PROPOSED MITIGATION
 DRAWING

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DRAWING No: 147132/100			REV: F



FLOW CONTROL MANHOLE
 (SEE DRAWING 147132/20)

ATTENUATION BASIN 1
 (SEE DRAWING 147132/20)

Proposed contoured landscaping

Proposed route for minor channel

ATTENUATION BASIN 2
 (SEE DRAWING 147132/21)

FLOW CONTROL MANHOLE
 (SEE DRAWING 147132/21)

ALL SURFACE WATER RUN-OFF IS ATTENUATED TO CATER FOR A 1 IN 200 YEAR RETURN PERIOD, BEFORE DISCHARGING TO THE KYLINTRA BURN AT AN ALLOWABLE DISCHARGE MATCHING THE EQUIVALENT GREENFIELD RUN OFF DISCHARGE FIGURE

-  ROADS, ROOFS, CAR PARK & HARDSTANDING IMPERMEABLE SURFACED AREAS - 13,250m² (INCLUDES 10% FOR FUTURE USE & 20% FOR CLIMATE CHANGE) TO ATTENUATION BASIN
-  ROADS, ROOFS, CAR PARK & HARDSTANDING IMPERMEABLE SURFACED AREAS - 1860m² (INCLUDES 10% FOR FUTURE USE & 20% FOR CLIMATE CHANGE) TO ATTENUATION BASIN
-  506m³ ATTENUATION BASIN 1
-  83m³ ATTENUATION BASIN 2
-  SITE BOUNDARY

0 10 20 30 40 50 100 METRES