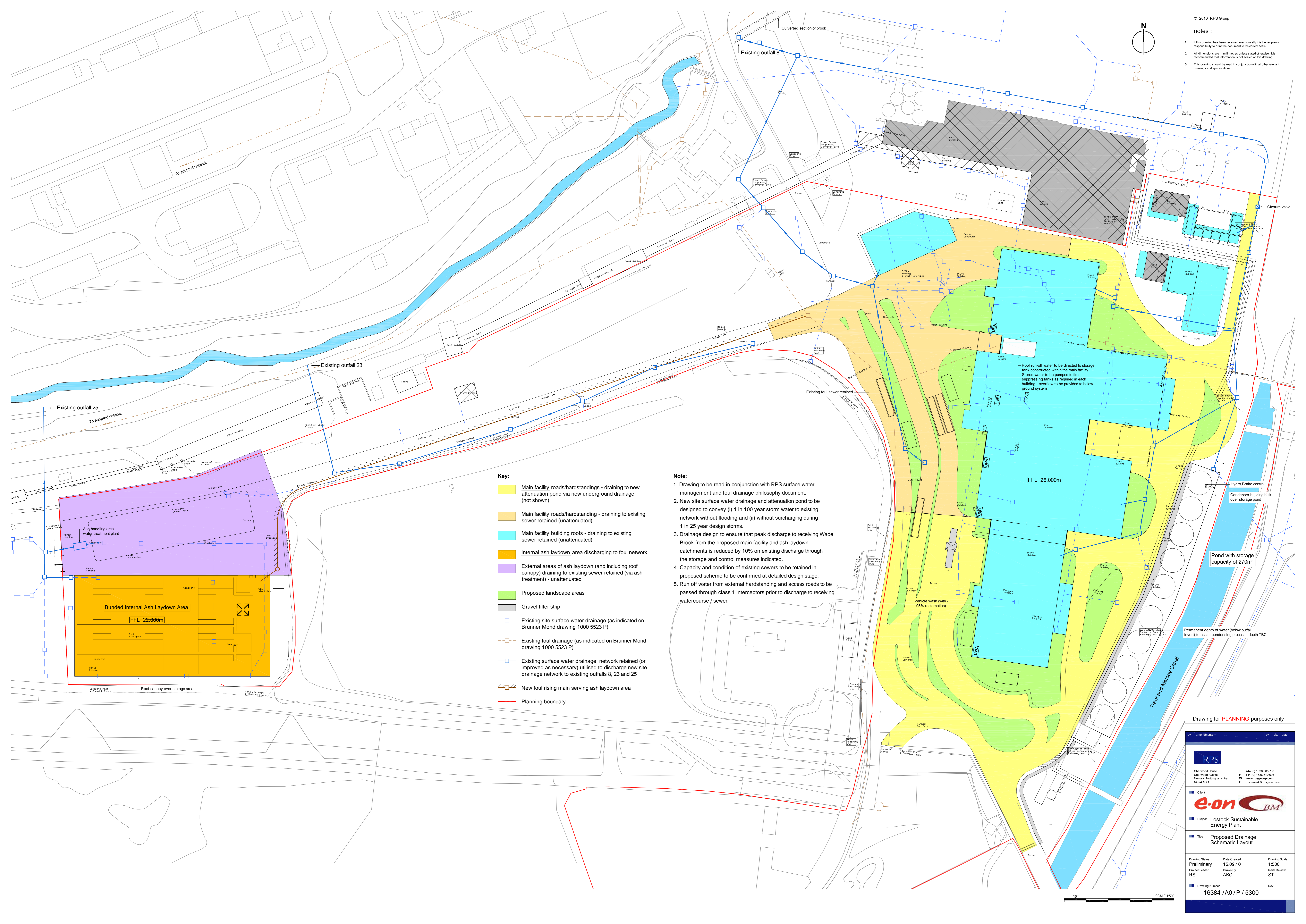
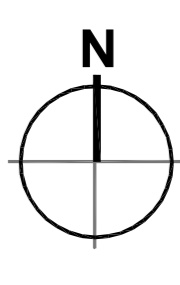


- notes :
1. If this drawing has been received electronically it is the recipient's responsibility to print the document to the correct scale.
 2. All dimensions are in millimetres unless stated otherwise. It is recommended that information is not scaled off this drawing.
 3. This drawing should be read in conjunction with all other relevant drawings and specifications.



- Key:**
- Yellow: Main facility roads/hardstandings - draining to new underground drainage (not shown)
 - Orange: Main facility roads/hardstanding - draining to existing sewer retained (unattenuated)
 - Cyan: Main facility building roofs - draining to existing sewer retained (unattenuated)
 - Dark Orange: Internal ash laydown area discharging to foul network
 - Purple: External areas of ash laydown (and including roof canopy) draining to existing sewer retained (via ash treatment) - unattenuated
 - Green: Proposed landscape areas
 - Grey: Gravel filter strip
 - Blue dashed line: Existing site surface water drainage (as indicated on Brunner Mond drawing 1000 5523 P)
 - Red dashed line: Existing foul drainage (as indicated on Brunner Mond drawing 1000 5523 P)
 - Blue solid line: Existing surface water drainage network retained (or improved as necessary) utilised to discharge new site drainage network to existing outfalls 8, 23 and 25
 - Red solid line: New foul rising main serving ash laydown area
 - Red solid line: Planning boundary

- Note:**
1. Drawing to be read in conjunction with RPS surface water management and foul drainage philosophy document.
 2. New site surface water drainage and attenuation pond to be designed to convey (i) 1 in 100 year storm water to existing network without flooding and (ii) without surcharging during 1 in 25 year design storms.
 3. Drainage design to ensure that peak discharge to receiving Wade Brook from the proposed main facility and ash laydown catchments is reduced by 10% on existing discharge through the storage and control measures indicated.
 4. Capacity and condition of existing sewers to be retained in proposed scheme to be confirmed at detailed design stage.
 5. Run off water from external hardstanding and access roads to be passed through class 1 interceptors prior to discharge to receiving watercourse / sewer.

Drawing for PLANNING purposes only

RPS		Sherwood House Sherwood Avenue Norwich, Norfolk NR2 1JG		T +44 (0) 1636 600 700 F +44 (0) 1636 600 696 W www.rpsgroup.com E rps@rpsgroup.com	
Client					
e-on BM					
Project Lostock Sustainable Energy Plant					
Title Proposed Drainage Schematic Layout					
Drawing Status Preliminary	Date Created 15.09.10	Drawing Scale 1:500		Initial Review ST	
Project Leader RS	Drawn By AKC	Drawing Number 16384 /A0 / P / 5300		Rev -	

SCALE 1:500