



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
 For details of materials and general notes, see the Material Schedule with these notes, see Drawings Nos. H10P/EL348, L348, L348P/0133
 In addition to the materials and general notes, see the Scope of Work detailed on the drawing, note the following size and information.

CONSTRUCTION
 C

MAINTENANCE
 M

For information relating to Use of Cleaning and minor Maintenance see the H&S File
 (MATERIALS/DESCRIPTION OF WORK)

ENVIRONMENTAL
 E

It is assumed that all works will be carried out by a competent contractor working where appropriate, to an approved method statement.

NOTES
 Routine maintenance access to the operation building roof will be via access stairs to the roof maintenance hatch and on to the roof mounted walkway. Operative safety to be secured using fall arrest balchway system as indicated on the roof plan.

- Key To Materials**
- 1) Reconstituted stone precast pith colour grey with textured finish, and with single precast corner units and continuous horizontal strikes, top finishing in mill finished Aluminium, with vertical joints
 - 2) Timber rainwater cladding (European Larch heartwood Grade 1, grain in u/s) with vertical mill finish Aluminium tapered fins, and grain to timber protected with horizontal Aluminium finishing, Black anodised support rails with cork insulation behind.
 - 3) Aluminium mill finish louvers
 - 4) White smooth synthetic render system
 - 5) Clear glazing in silver anodised Aluminium frames
 - 6) Insulated glass spandrel panels with textured clear glass outer pane and coloured inner pane in silver anodised Aluminium frames
 - 7) Roof edge upstand and fascia in grey anodised Aluminium
 - 8) Green roof to be planted with mixed sedum species, in stone ballast
 - 9) Standing seam roof system in zinc coated Aluminium. Orientation of purling indicated by direction of lines on Roof plan
 - 10) Roof hip upstands in zinc coated Aluminium
 - 11) Gutter in mill finished Aluminium
 - 12) Rainwater outlets, overflow chutes and down pipes in galvanised steel, natural finish
 - 13) Sumpipes for natural light, clear acrylic with Aluminium mill finish frames
 - 14) Exhaust stack with zinc cladding
 - 15) Roof ventilators in Aluminium mill finish
 - 16) Smoke ventilators in Aluminium mill finish
 - 17) Snowguard, cables and fixings in galvanised steel
 - 18) Mansard system in stainless steel
 - 19) Roof maintenance access hatch in Aluminium mill finish
 - 20) Roof maintenance walkways in Aluminium mill finish
 - 21) Brise soleil in silver anodised Aluminium
 - 22) Personnel doors, painted steel to match surrounding concrete pith or render colour, as appropriate
 - 23) Louvre doors in Aluminium mill finish
 - 24) Loading bay doors, painted steel to match surrounding concrete pith or render colour (grey or white), with matching overhead rail enclosure, where shown
 - 25) Sectional insulated door, painted grey
 - 26) Clear glazed doors with silver anodised Aluminium frames
 - 27) Lighting protection masts white painted steel, with support struts and self-finished reinforced concrete base
 - 28) Lighting protection system high level cable array, Aluminium cable with steel core, connected at cross-over points and to the masts with natural finish non-flammable rope clamps
 - 29) Balustrade painted steel, to match zinc roof colour
 - 30) Metal fins painted white to match lighting protection masts
 - 31) Metal radius tubes painted white, with bird wire
 - 32) Polished stainless steel handrail tubes
 - 33) External lighting
 - 34) Paving slabs in pre-cast concrete
 - 35) Single ply membrane roof finish, grey colour
 - 36) Precast base panels to match pith above, 150mm
 - 37) Vent pipe, Aluminium mill finish
 - 38) Handrail with mesh screen in galvanised steel
 - 39) Soffit of access to roof, grey painted Aluminium panels
 - 40) Aluminium, mill finished, vertical Aluminium fins
 - 41) Metal slat boards in mill finished Aluminium, the width to match adjacent timber cladding, concealing louvers behind
 - 42) Painted steel frame to match adjacent concrete pith or render (grey or white) colour
 - 43) Clear polythene sheet canopy
 - 44) Galvanised steel bicycle rack
 - 45) Roof edge profile in grey anodised Aluminium, with panels to radial geometry, Max panel float length 1.5m with flush joints
 - 46) Yorkstone paved steps and landings
 - 47) Lighting protection system finial, mill finished aluminium - 1m
 - 48) Lighting protection system finial, mill finished aluminium - 1.5m

REV	COMMENTS	DATE	BY	CHKD
6	For Planning Issue	20/04/10	ML	DO
5	For Planning Issue	13/02/10	ML	DO
4	For Planning Issue	04/12/09	ML	DO
3	For Planning Issue	03/11/09	ML	DO
2	For Planning Issue	01/09/09	DNJ	DO
1	Issue for Design Pack	30/05/09	MJE	DO

1:200	ISSUING OFFICE	111	PROJECT NUMBER
A0	PURPOSE OF ISSUE		
DO	PLANNING ISSUE		
ORIGINATOR:			
PROJECT: HYDRUS			
TITLE: OPERATIONS BUILDING ROOF PLAN			
CLIENT: AWE ALDERMASTON, READING BERKSHIRE, RG7 4PR			
PROTECTIVE MARKING: UNCLASSIFIED			
AWE DRAWING REFERENCE NUMBER (FOR AWE OFFICE USE ONLY)	DOC Rev	DWG Rev	
	-	6	
PROJECT DRAWING NUMBER: A-HYDRUS-ATK-01-XX-DRW-AR-270-11-005044			

