

BROWNFIELD SITE :
IN EXCESS OF 20,000m³ OF EXISTING
CONCRETE MATERIAL RE-USED IN
SUB-BASE MATERIAL BELOW NEW
FLOOR SLABS AND PARKING AREAS

PROJECT EXCEEDS STATUTORY 10%
CO₂ REDUCTION FROM RENEWABLE
ENERGY BY ACHIEVING 13.9%

PHOTOCELL ACTIVATED LIGHTING
REDUCES ENERGY CONSUMPTION

ROOFLIGHTS REDUCE POWER
CONSUMPTION BY PROVIDING
IN EXCESS OF 60% DAYLIGHT
TRANSMISSION

L2A ENHANCED
AIR INFILTRATION

UNDERFLOOR HEATER MATS
USE RECOVERED WASTE HEAT
FROM REFRIGERATION PLANT

EVAPORATIVE CONDENSORS
REDUCE ENERGY DEMAND

ACCOUSTIC
SCREENING

PALLET RECOVERY

PHOTO VOLTAIC PANELS
PROVIDE ELECTRICITY TO
OFFICES

BRI SOLEIL
SOLAR SHADING

PACKAGING
RECYCLING
CENTRE

PRECAST DOCK WALLS

T R A N S F E S A
R O A D

SUNPIPES ILLUMINATE
TELESALES AREA REDUCING
DAYTIME ENERGY DEMANDS

SOLAR THERMAL
PANELS TO HEAT
OFFICE WATER

GOOD U-VALUES OF
BUILDING FABRIC

CAR PARK SURFACING USING
RECYCLED AGGREGATE

RAINWATER HARVESTING
FOR USE IN OFFICE WC's

RAINWATER HARVESTING
FOR USE IN HGV WASHING

WELL ESTABLISHED
PUBLIC TRANSPORT
LINKS

T R A N S F E S A
R O A D



PADDOCK WOOD: ENVIRONMENT and SUSTAINABILITY



engineering : architecture : infrastructure