Drainage	100mm dia. pvc-u svp's to 100dia below ground drainage (minimum gradient 1: 80) to new inc's with FACTA. Class A cover, All to existing mains severage via a 1 200dia precast concrete manhole with built in steps to BS 5911 with 600 dia cover approx. 1700mm to invert (after site is leveled) sweep in 100mm dia UPVC pipes BSEN 1401 (UD) and test all new below ground drainage in accordance with BS 8000 Part 14 or BS EN 1610	
	S.v.p to lerminale a minimum of 900mm above any opening into the building within 3000mm and to be fitted with proprietary cage or perforaled cover.	
Rainwaler downpipe as	Black cast iron effect guttering down pipes and minimum 125 gutter to fall to min. 63 indicated on drawing via new trapped gullies to new soakaway's soakaway system.	
	Sustainable Drainage	
	Surface water runoff generated from the roof mass is to be disposed using a 3m x 2m x 1m deep geocetular crate soakaway for all storm events upto and including the 1 in 100 year event plus 40% allowance for dimate change.	
	Soakaway design is based on an infiltration rate of 1.0 x 10.5 m/s	
	Pich Roofs 103nv/sq	
	Place and compact a 100mm thick bedding layer of either coarse sand of Class 6H selected granular material (with 100% passing through the 5mm sieve), in accordance with Manual of Contract Documents for Highway Works(MCHW), Volume 1, Series 600, Install the permeable geotextile, forming joints in accordance with the manufacturer's recommendations, making an allowance for the connecting pipework or adapters. Ensure units are arranged so that they are in the correct alignment with the adjoining pipework. Poly clips connect horizontally adjacent units while vertical connections are formed with Polypipe shear connector.	
	Polystorm units may be laid at 90 deg overlap with shear connectors being placed in the aligned corner of units. 160mm EN 1401-1 pipes connect directly into knock-out incorporated in the end of each cell. Connect to 110mm EN 1401-1 pipes or other products through the use of standard Polypipe adapters.	
	Complete the geosynthetic encapsulated of the entire Polystorm structure, using the same materials in the bedding layer, forming joints where appropriate. Re-examine the geotextile for damage and joint integrity.	
	Backfill around the sides of the encapsulated units, forming a 100mm thick layer of coarse sand or Class 6H selected granular material immediately adjacent to the units as appropriate. Where required, remaining excavated areas around there units should be backfilled with Class 6H selected granular material (with 100% passing the 5mm sieve), in accordance with MCHW, Volume 1, Series 600.	Roof
Part M	Provide level wheel chair access from parking space within the boundary of the property with adequate maneuvering space into dwellings via ramped access (max 1:20) and level threshold as detailed on drawings At no point should the access be less than 900mm.	
	we to be provided on entrance storey within bathroom compliant with Compliant with Dia.1.4 of 2015 edition of Part M of the Building Regulations as amended 2016.	
	All electrical outlets, telephone points, ty points and light switched to be located between 450mm and 1200mm from finished floor level.	Alternative
PailK	Guarding on landing minimum of 900mm high and able to resist 1.5 kN/m ² force as given in BS EN 1991-1-1, with a handrail complying with Diagram 1.13 of K1 of the Building Regulations and between 900mm and 1100mm high measured from the pitch line of the stairs ensuring that a 100mm sphere cannot pass through any opening. Ensuring at least 2 meters clearance measured from the pitch line to the underside of the ceiling.	Windows
		Doors
Cavily Walls	Outer leafof 102mm brick and inner leaf of Celcon Standard or equiv. (),=0.15W/mK with 10mm joints) with 100mm full fill cavity filled Dritherm 32. Finish internally with 3mm skim coated 12.5mm plaster board on dabs.	Roof Window
	$U = 2.4 \text{ W/m}^2\text{K}$	Part G
Ground Floor	Beam and block floor infilled with standard concrete blocks Lay continuous D.P.C under beams. Void depth under floor minimum of 225mm cross ventilated on two opposing sides. Grout upper surface of beam and block with 4:1 sharp sand/cement mixture and install 1200 gauge (300mm) poly:hene dpm over tied down into dpc and lapped with existing dpm. Insulate with 100mm Kingspan Koeltherm K103 over dpm and perimeter insulation. Install underfloor heating (except under kitchen units) and finish with 75mm concrete screed.	
	P = 36m $A = 61m/sq$	
	P/A = 0.60	Air Permeabili
	U = 0.15 (Kingspanligures)	Lighting



maximum = 5m³/hm² max.

OR CTION 20		
LEAD VALLEY DETAILS	CD38 YEW 04c 16/10/2019 CD38 YEW 05c 03/10/2019 CD38 YEW 05c 01/10/2019 CD38 YEW 05c 25/08/2018 REV DATE DATE	update floor insulation amend rear door amend bathroom section enterd bathroom section during com twisfow
olley Boord let into aditional rafters		
Preformed trussed Valley Boord positions	OBSCRIPTNEN	
woed	DATE 22/09/2019 DRAVIN	SCALE 1/50 @A1 CHECHED
		W 05d

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Sizes or construction commences All drawings table read in continuction with structural engineers report su ucture i engineers report to size procedence over all other uportications