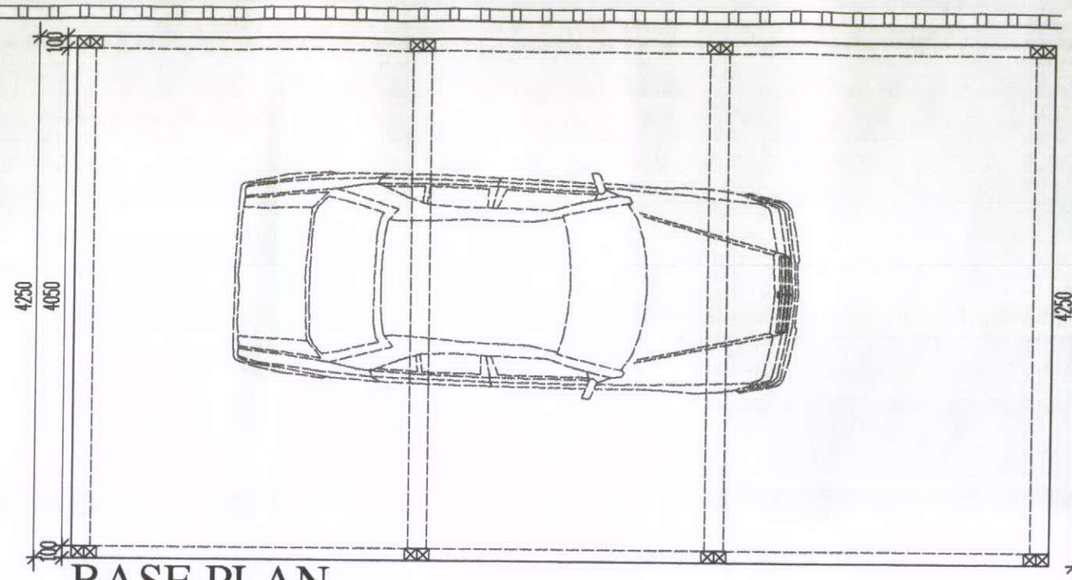
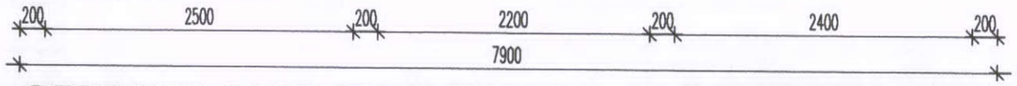
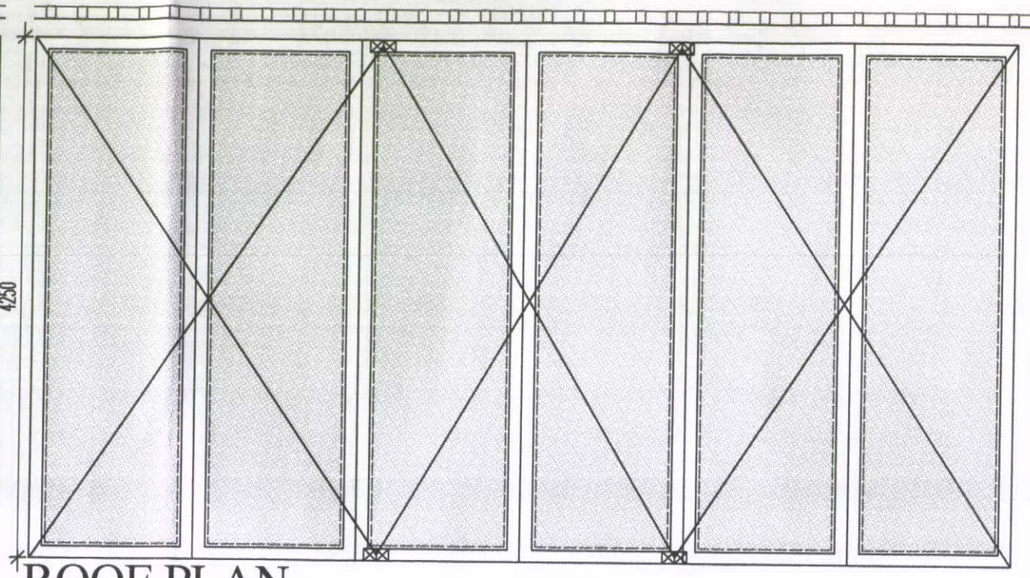
PROPOSED PLAN OF COVERED VALETING SHELTER 1:50



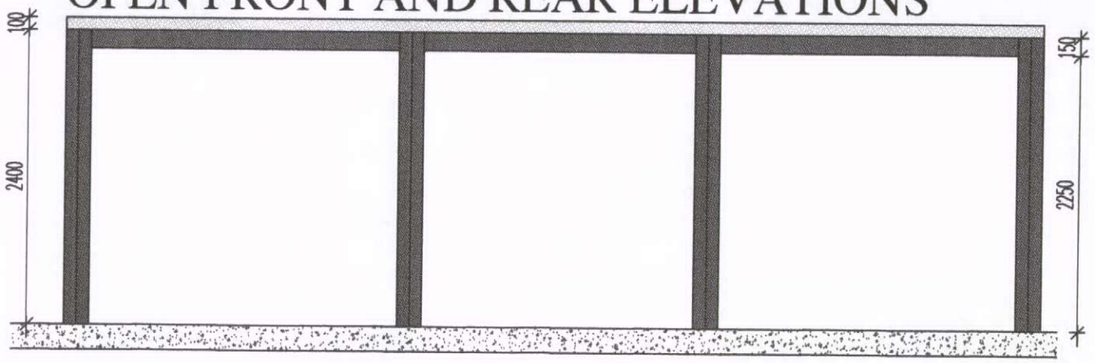
BASE PLAN



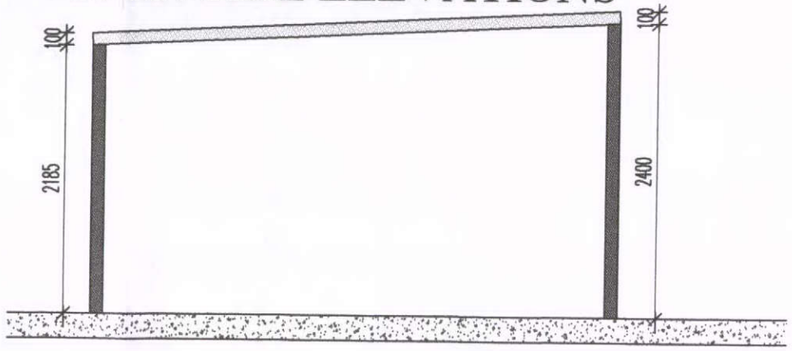


ROOF PLAN

OPEN FRONT AND REAR ELEVATIONS



OPEN SIDE ELEVATIONS



PROPOSAL RELATES TO AN OPEN SIDED SHELTER FOR COVERED VEHICLE VALETING - AN AREA OF APPROX 34 m2.

8 TANALISED TIMBER POSTS ARE CURRENTLY IN PLACE 100x100 TO A HEIGHT OF 2400mm, THESE ARE IN TURN BEDDED INTO A CONCRETE PADSTONE BASE. TO FURTHER INCREASE THE STRUCTURAL FRAME OF THESE SUPPORTS, IT IS SUGGESTED THAT FURTHER 100x100 TANAILSED TIMBER POSTS BE BOLTED TO THE SIDE OF EACH COLUMN TO EFFECTIVELY INCREASE THEM TO 200x100 POSTS.
THE REAR POSTS ARE THEN TO BE REDUCED TO A HEIGHT OF 2185mm TO ALLOW FOR A FALL ON THE ROOF STRUCTURE TO SIT ABOVE.

BETWEEN EACH POST SUPPORT ACROSS THE FRONT AND REAR FACE, A 150(DEEP)x100 TANALISED TIMBER BEARER IS TO BE BOLTED TO EACH POST IN TURN, THEN RETURNING BACK FROM EACH POST (FRONT TO REAR) FURTHER 150x150 TANALISED TIMBER BEARERS ARE TO BE BOLTED BETWEEN, STEEL DIAGONAL TIES ARE THEN SUGGESTED AT ROOF LEVEL FROM POST TO POST TO PREVENT TWIST OF THE FRAME.

THE ROOFING SHEET OVER IS SUGGESTED TO BE A POLYCARBONATE SHEET WITHIN AN ALUMINIUM FRAME. 6 SECTIONS 4250x1317mm ARE SUGGESTED TO COVER THE ROOF. EACH SECTION IS THEN TO BE SECURELY FIXED TO THE FRAME BELOW BOTH DIRECT AND WITH STRAPS. NOTE THIS ROOF COVERING SHOULD ALLOW FOR LIFT WITH AIR PRESSURE BELOW AND SNOW LOAD.

THE ABOVE NOTES ARE FOR PLANNING PUPOSES ONLY AND ARE FOR A GUIDE TO THE FRAME, CARE MUST BE TAKEN TO ALLOW FOR THE STRUCTURE INTEGRITY OF THE FRAME AND THE ROOF COVERING THEREOF - THIS SHOULD TAKE INTO ACCOUNT TWIST OF THE FRAME, SNOW LOADING AND WIND PRESSURE UPLIFT.
NB: NO RESPONSIBILTY FOR THE STRUCTURAL INTEGRITY OF THIS STRUCTURE IS TAKEN BY THE ARCHITECT AND IT IS SUGGESTED THAT FURTHER GUIDANCE BE TAKEN FROM EITHER A STRUCTURAL ENGINEER OR THE ADVICE OF A SPECIALIST ROOFING COMPANY WITH REGARD TO SAME.

HAND CARWASH, UNIT 2, 18 BRIDGE ST

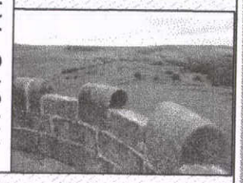
HIGH PEAK BOROUGH COUNCIL
REC'D 15 JAN 2013
HPK/2012/0691

DWG: PROPOSED OPEN SHELTER
HAND CARWASH
UNIT 2, 18 BRIDGE STREET

1:50	CHECKED:
DATE: JAN'13	DRAWN:

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PROPOSED 01

U2, 18 BRIDGE ST