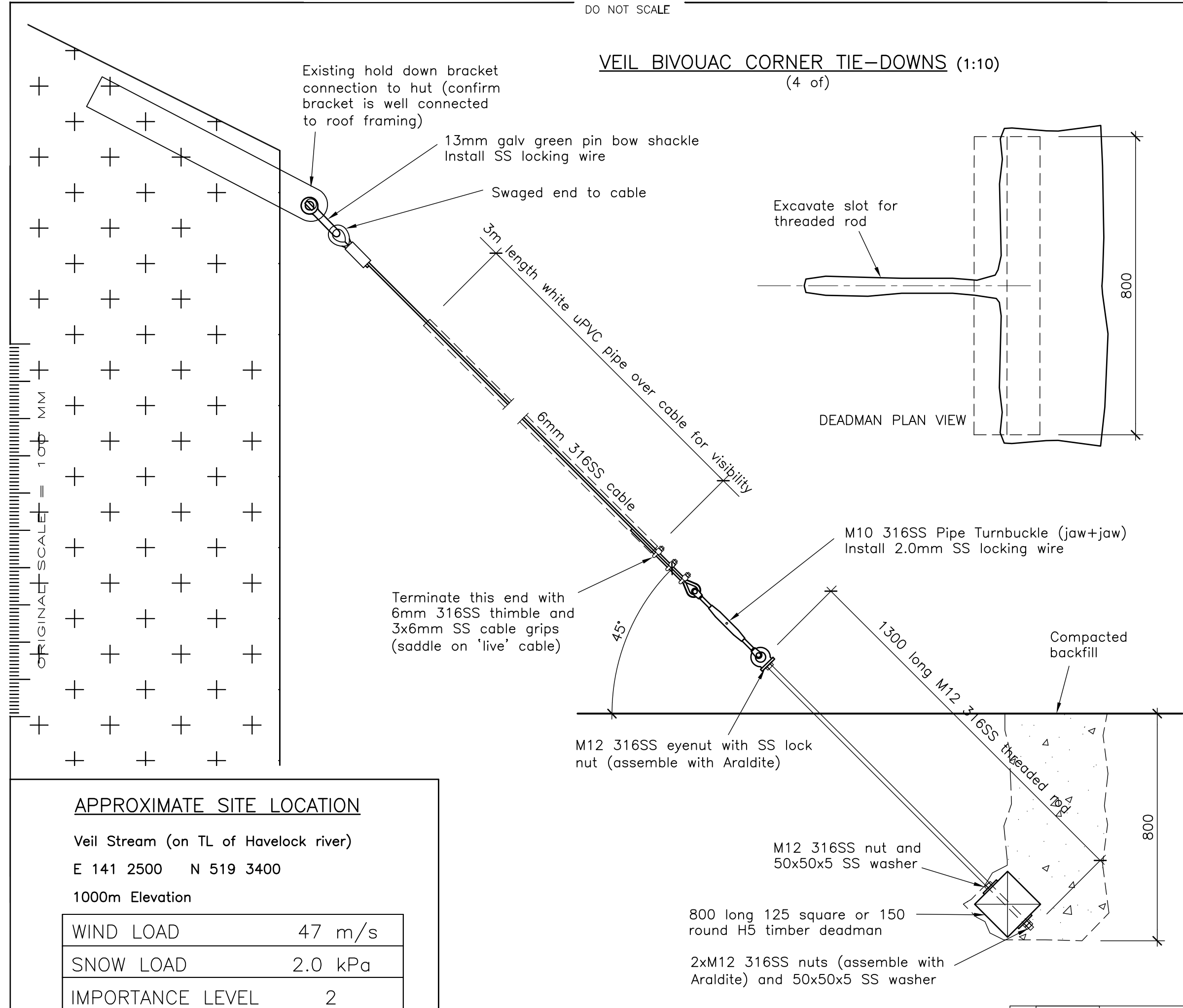


DO NOT SCALE

VEIL BIVOUAC CORNER TIE-DOWNS (1:10)

(4 of)



ORIGINAL SCALE = 100MM

Existing hold down bracket connection to hut (confirm bracket is well connected to roof framing)

13mm galv green pin bow shackle
Install SS locking wire

Swaged end to cable

3m length white uPVC pipe over cable for visibility

6mm 316SS cable

Terminate this end with 6mm 316SS thimble and 3x6mm SS cable grips (saddle on 'live' cable)

Excavate slot for threaded rod

DEADMAN PLAN VIEW

M10 316SS Pipe Turnbuckle (jaw+jaw)
Install 2.0mm SS locking wire

Compacted backfill

M12 316SS eyenut with SS lock nut (assemble with Araldite)

M12 316SS nut and 50x50x5 SS washer

800 long 125 square or 150 round H5 timber deadman

2xM12 316SS nuts (assemble with Araldite) and 50x50x5 SS washer

APPROXIMATE SITE LOCATION

Veil Stream (on TL of Havelock river)

E 141 2500 N 519 3400

1000m Elevation

WIND LOAD	47 m/s
SNOW LOAD	2.0 kPa
IMPORTANCE LEVEL	2

DO NOT SCALE

NOTES:

1. Tie-down cables are to be connected to existing tie-down plates in the re-located hut. Confirm these plates are well connected to the hut roof framing.
2. Confirm subsoil is silty gravel or is "good ground" as defined by NZS3604 with ultimate bearing capacity greater than 300 kPa.
3. Allow 4.3m of 6mm 316SS cable per tie-down (4 No.)
4. After adjusting cables, wire rigging screws securely through both ends and central hole.
5. Any hardware items not shown as stainless steel to be hot dip galvanised.



Department of Conservation
Te Papa Atawhai

Conservancy
East South Is
Area
Geraldine
Project Name
Veil Bivouac Relocation

Drawing Name
Tie Down Details

Consultant
Brad Williamson

cad file BW16001	scales 1:10	drawn BW
Elevation 1000m	Grid Reference E 1412500 N 5193400	
Designed BW	Checked	Approved

STRUCTURE NUMBER

site no.	asset no.	drawing S1	issue 1
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1	19/2/16	CONSTRUCTION	
Iss.	Date	Reason For Issue	App.