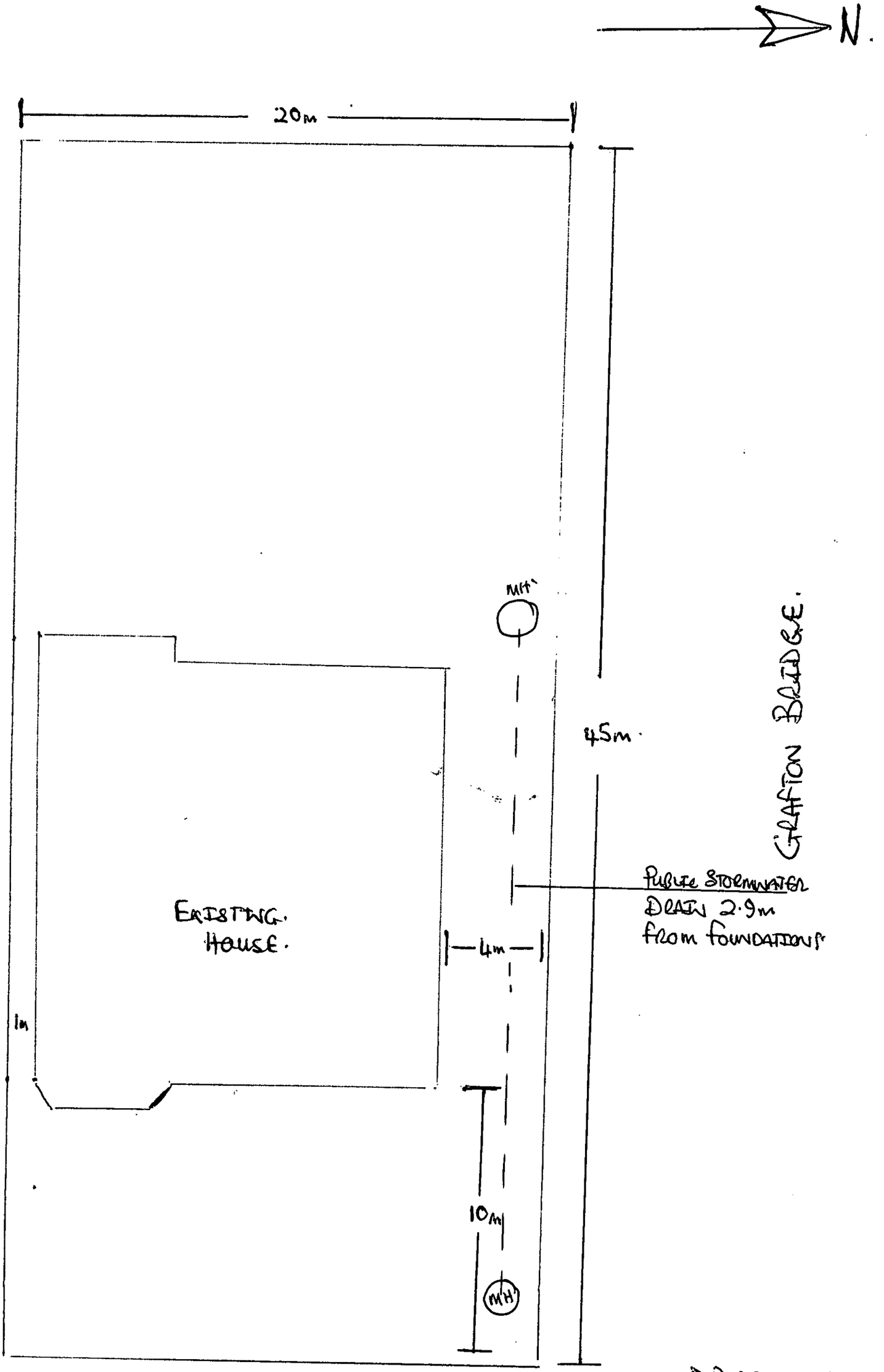
SITE PLAN FOR REFUEL AND RELEVEL AT 123 GRAFTON RD; GRAFTON.

SCALE 1:200'



D.P. GRACE LTD
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HELENSBOROUGH
09-6275172.

FOUNDATION PLAN FOR REPILE AND RELEVEL AT
123 GRAFTON RD, GRAFTON.

SCALE 1:100

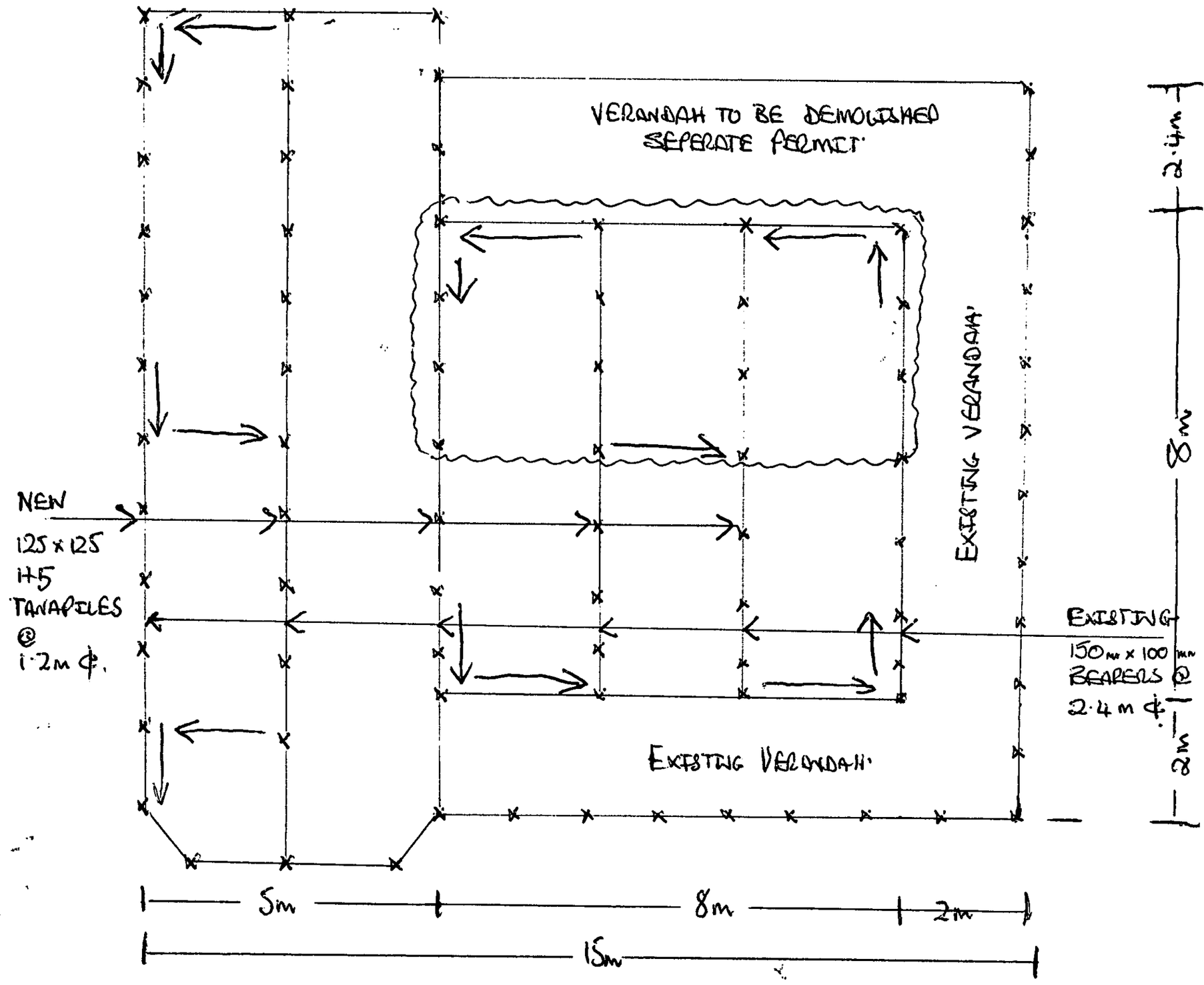
N.

KEY:

X 125mm x 125 mm HS PILES SET IN · 400mm x · 400m x · 450mm CONCRETE FILLED HOLES.

→ 100m x 75mm H4 ANGLE BRACES WITH 12mm ϕ GALVANISED BOLTS, WASHERS AND FIXINGS TO NZS 3604.

EXISTING CONCRETE FOUNDATION WITH 125mm x 125mm HS PILES. ON DAMPROOF MEMBRANE FIXED WITH 10mm GALVANISED 90° STEEL BRACKETS WITH 2 x 12mm DYNABOLTS AND 12m GALVANISED COACH BOLTS.



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BRACING CALCULATIONS FOR
REFILE AND RELEVEL AT
123 GRAFTON RD GRAFTON.

LOW WIND ZONE.

HOUSE WIDTH:

13 METERS × 93 UNITS PER METER = 1209 UNITS.

÷ × 161 UNITS PER ANGLE BRACE OR ANCHOR PILE

= 7.5 BRACES SAY 8.

HOUSE LENGTH:

10 METERS × 98 UNITS PER METER = 980 UNITS

÷ × 161 UNITS PER ANGLE BRACE OR ANCHOR PILE.

= 6.08 BRACES SAY 6.

CALCULATIONS EX N.Z.S. 3604.

SIGNED.

PAUL GRACE.
D.P. GRACE LTD.

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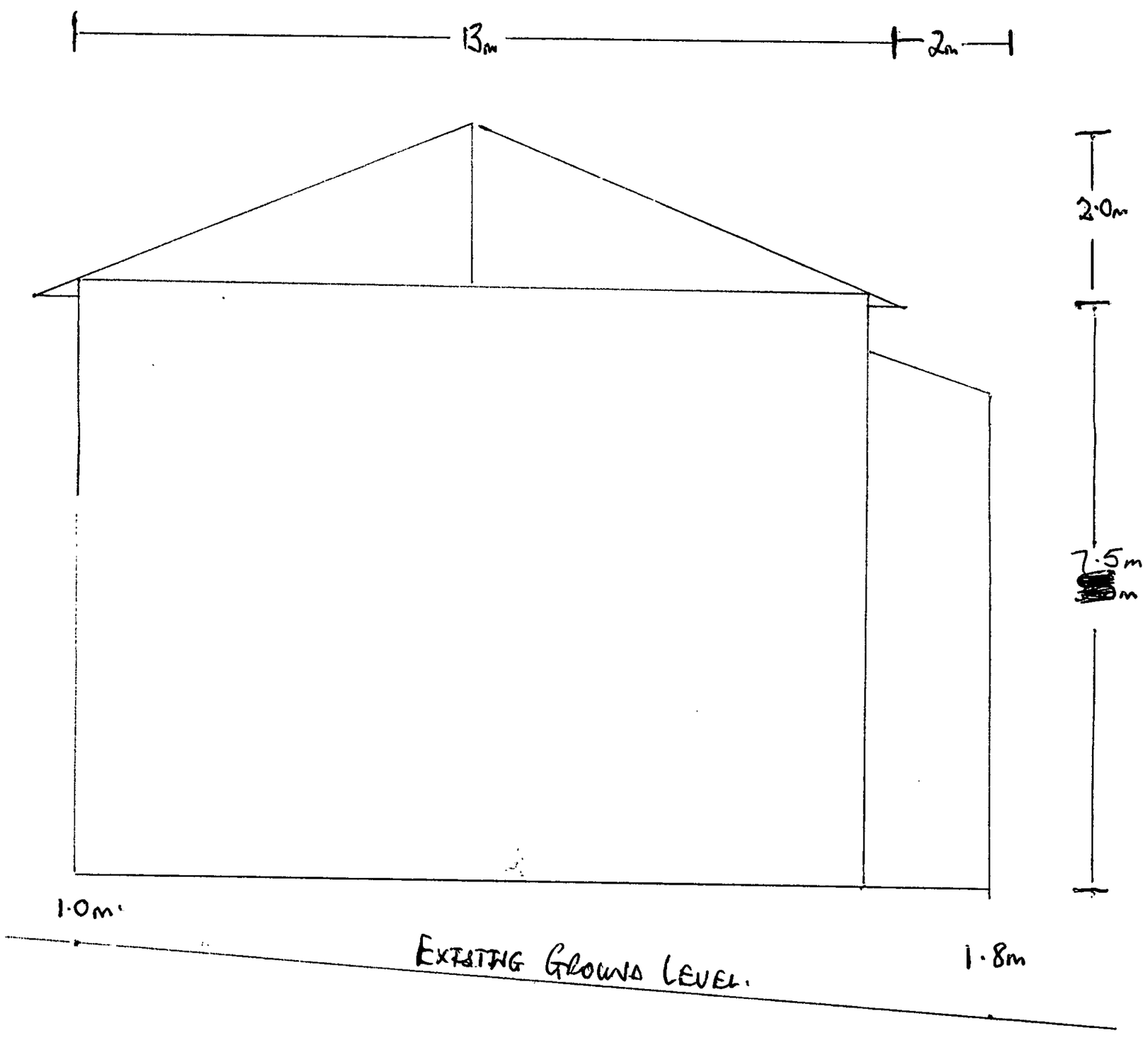
2 CAPE HORN RD
HEMSBOROUGH.
09 - 6275172.

CROSS SECTION PLAN FOR REFILE AND RELEVEL
AT 123 GRAFTON RD, GRAFTON:
SCALE: 1:100.

N.



THIS BUILDING IS NOT TO BE LIFTED
ABOVE THE ORIGINAL DATUM.

D. P. GRACE LTD.

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