



106 Herries Street Toowoomba Qld 4350
Postal Address PO Box 614 Toowoomba Qld 4350
Director Lindsay B.Reid
BE(Hons I) M.I.E. Aust, R.P.E.Q., CP.Eng, N.P.E.R.3
Associates Shayne P. Cleary

Telephone 07 4639 2800
Facsimile 07 4639 6866
Mobile 0408 392 000 (Lindsay)
0417 050 173 (Shayne)
Internet www.reidconsulting.com.au
Email mail@reidconsulting.com.au

30 January 2015
Ref No. 12835 Revision A

Level Master
549 Boundary Road – Shed 3
TOOWOOMBA QLD 4350

Dear Sir,

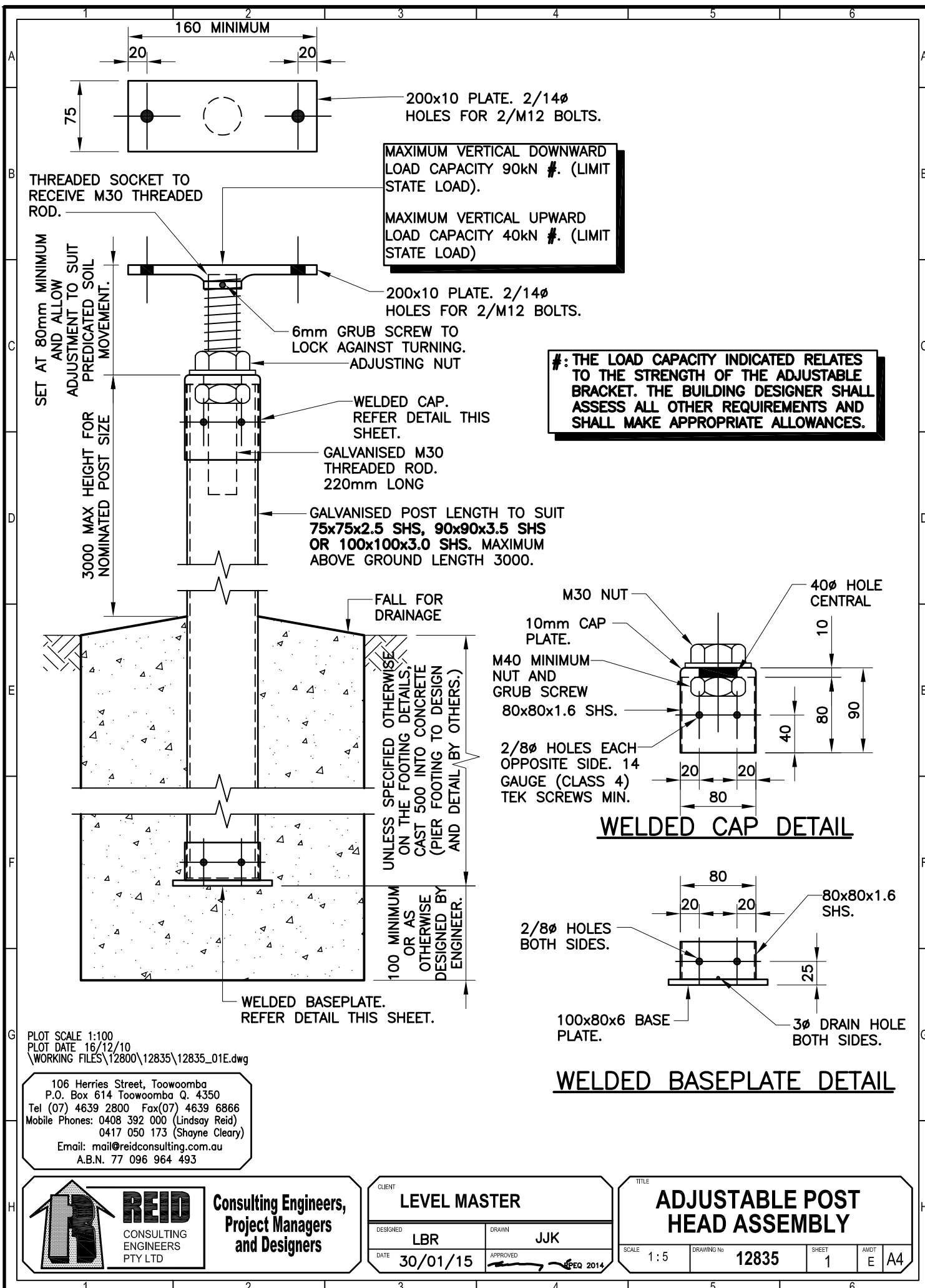
RE: ADJUSTABLE POST BRACKETS

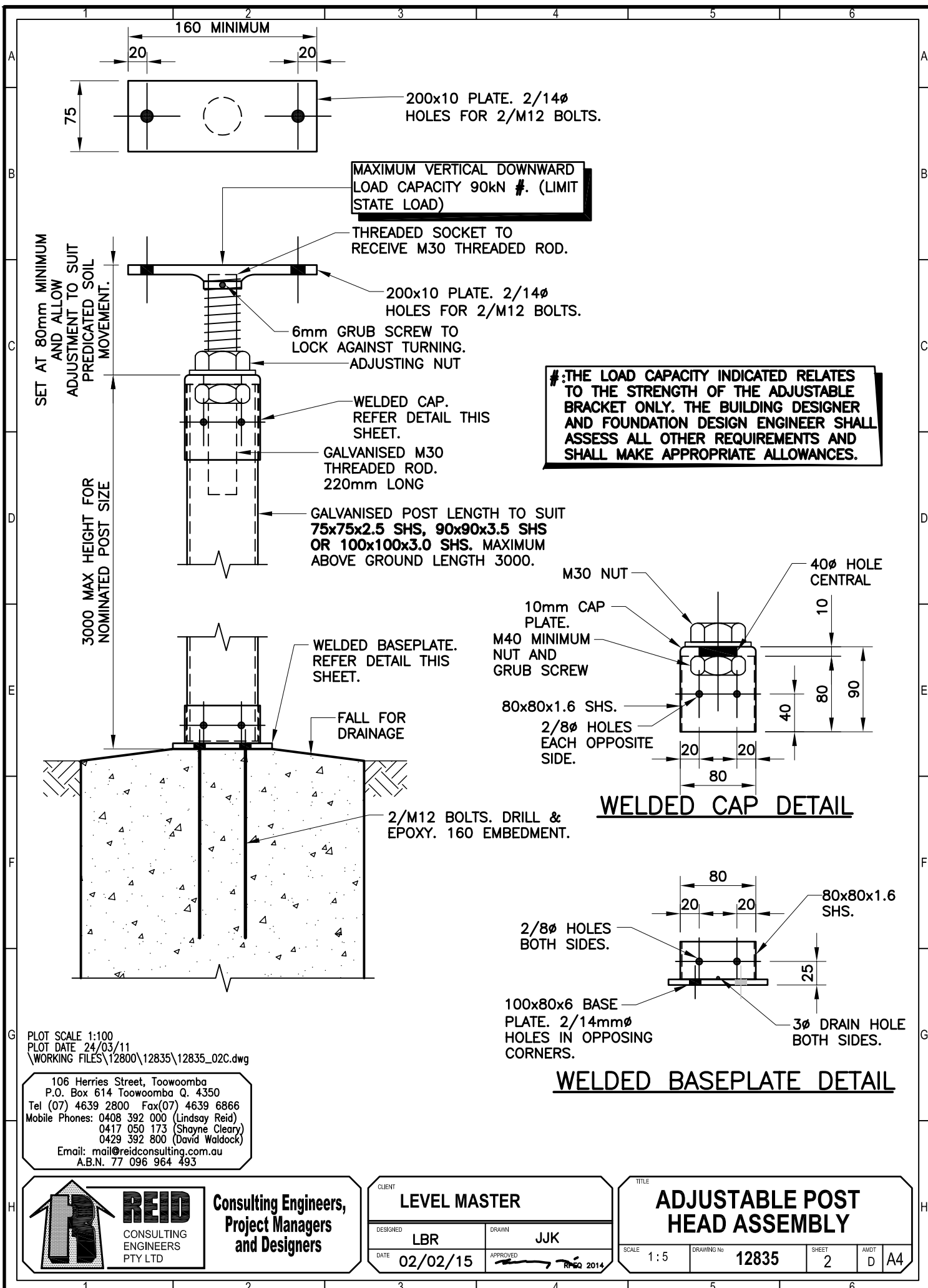
Please find attached the following revised drawings which have been issued in order to alter the previous specification in regard to load carrying capacities. In order to minimise the risk that persons using the system may misinterpret the structural capacity, the revised drawings have been modified to clarify these issues. Attached are the following revised drawings; Drawing No. 12835 Sheet 1 Issue E, Sheet 2 Issue C, Sheet 3 Issue C and Sheet 4 Issue C.

We also attached new Drawing No. 12835 Sheets 5, 6 and 7 Issue A.

Yours faithfully,

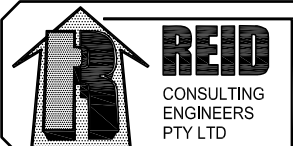
LINDSAY B. REID BE (Hons I) M.I.E.Aust, R.P.E.Q., CP.Eng, N.P.E.R.3






PLOT SCALE 1:100
PLOT DATE 24/03/11
WORKING FILES\12800\12835\12835_02C.dwg

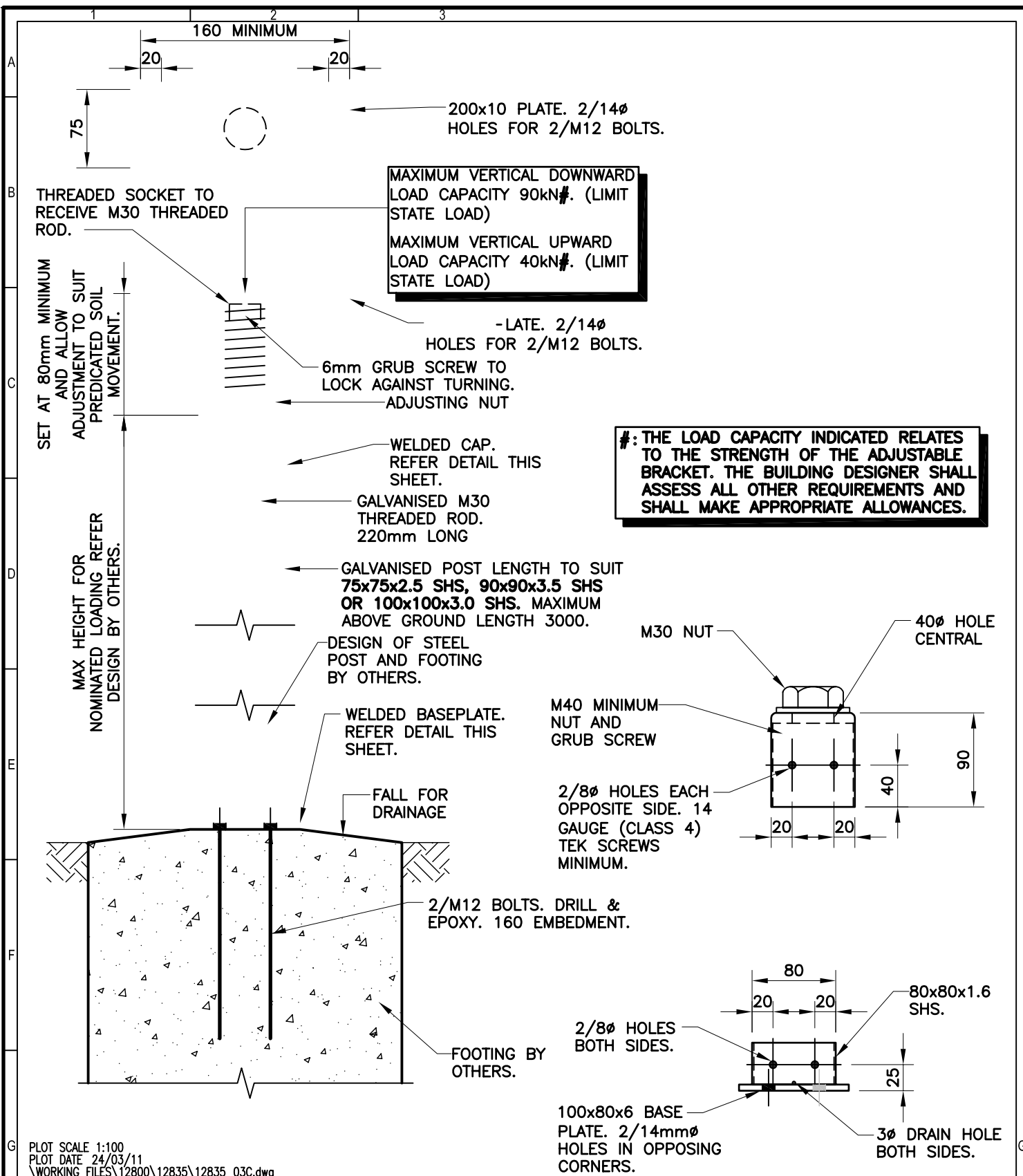
106 Herries Street, Toowoomba
P.O. Box 614 Toowoomba Q. 4350
Tel (07) 4639 2800 Fax(07) 4639 6866
Mobile Phones: 0408 392 000 (Lindsay Reid)
0417 050 173 (Shayne Cleary)
0429 392 800 (David Waldo)
Email: mail@reidconsulting.com.au
A.B.N. 77 096 964 493



**Consulting Engineers,
Project Managers
and Designers**

CLIENT LEVEL MASTER	
DESIGNED LBR	DRAWN JJK
DATE 02/02/15	APPROVED 

TITLE ADJUSTABLE POST HEAD ASSEMBLY	
SCALE 1:5	DRAWING No 12835
SHEET 2	AMDT D A4

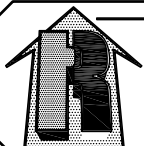


WELDED BASEPLATE DETAIL

PLOT SCALE 1:100
PLOT DATE 24/03/11
WORKING FILES\12800\12835\12835_03C.dwg

106 Herries Street, Toowoomba
P.O. Box 614 Toowoomba Q. 4350
Tel (07) 4639 2800 Fax(07) 4639 6866
Mobile Phones: 0408 392 000 (Lindsay Reid)
0417 050 173 (Shayne Cleary)

Email: mail@reidconsulting.com.au
A.B.N. 77 096 964 493

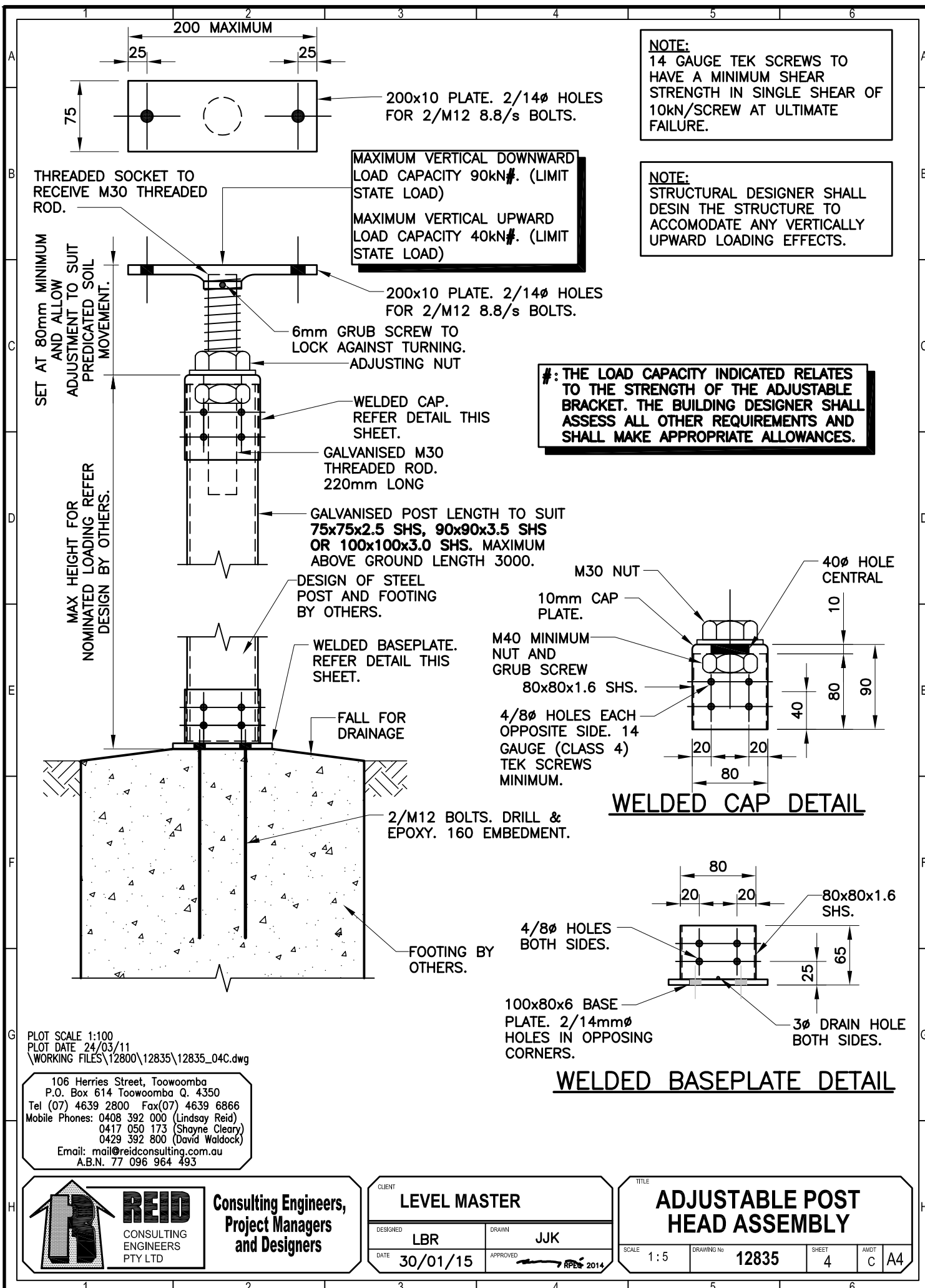


REID
CONSULTING
ENGINEERS
PTY LTD

**Consulting Engineers,
Project Managers
and Designers**

CLIENT			
LEVEL MASTER			
DESIGNED	LBR	DRAWN	JJK
DATE	30/01/15	APPROVED	

TITLE			
ADJUSTABLE POST HEAD ASSEMBLY			
SCALE	1:5	DRAWING No	12835
SHEET	3	AMDT	C
			A4

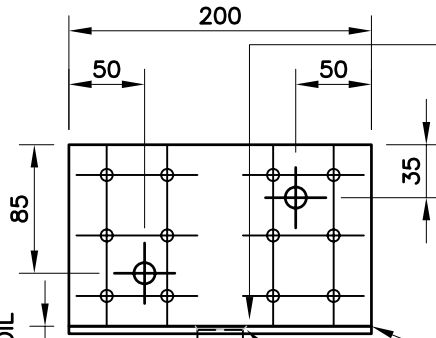


MAXIMUM VERTICAL CONCENTRICALLY APPLIED (TO THE ADJUSTING BOLT) DOWNWARD LOAD CAPACITY 90kN. (LIMIT STATE LOAD).

THE LOAD CAPACITY INDICATED RELATES TO THE STRENGTH OF THE ADJUSTABLE BRACKET. THE BUILDING DESIGNER SHALL ASSESS ALL OTHER REQUIREMENTS AND SHALL MAKE APPROPRIATE ALLOWANCES.

SET AT 80mm MINIMUM AND ALLOW ADJUSTMENT TO SUIT PREDICATED SOIL MOVEMENT.

3000 MAX HEIGHT FOR NOMINATED POST SIZE



200x6 FOLDED PLATE.
2/14 ϕ HOLES FOR 2/M12 BOLTS. 12/8 ϕ HOLES.

PLUG WELD

ADJUSTING NUT
WELDED CAP.
REFER DETAIL THIS SHEET.

GALVANISED M30
THREADED ROD.
220mm LONG

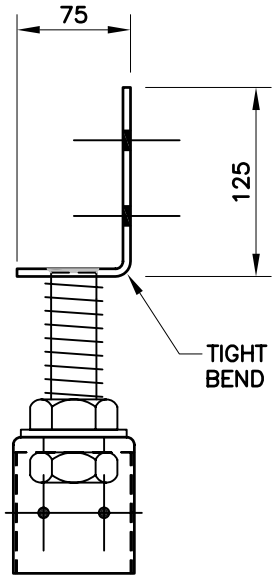
GALVANISED POST LENGTH TO SUIT
75x75x2.5 SHS, 90x90x3.5 SHS
OR 100x100x3.0 SHS. MAXIMUM
ABOVE GROUND LENGTH 3000.

FALL FOR
DRAINAGE

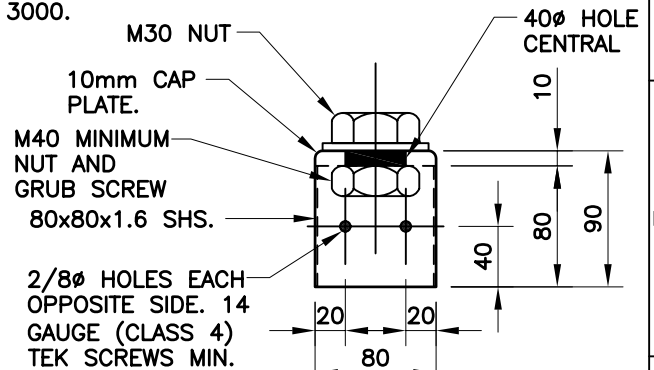
CAST 500 INTO CONCRETE
PIER FOOTING TO DESIGN
AND DETAIL BY OTHERS.

100 MINIMUM
OR AS
OTHERWISE
DESIGNED BY
ENGINEER.

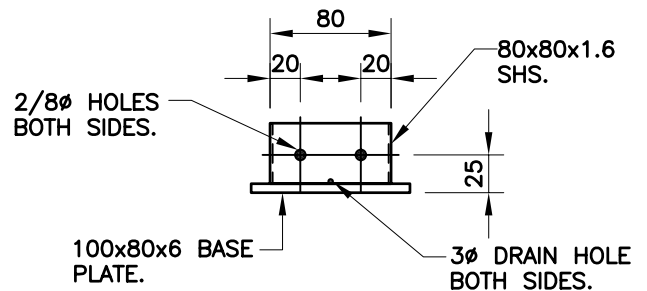
WELDED BASEPLATE.
REFER DETAIL THIS SHEET.



END VIEW



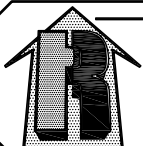
WELDED CAP DETAIL



WELDED BASEPLATE DETAIL

PLOT SCALE 1:100
PLOT DATE 14/08/13
WORKING FILES\12800\12835\12835_05A.dwg

106 Herries Street, Toowoomba
P.O. Box 614 Toowoomba Q. 4350
Tel (07) 4639 2800 Fax(07) 4639 6866
Mobile Phones: 0408 392 000 (Lindsay Reid)
0417 050 173 (Shayne Cleary)
0429 392 800 (David Waldoock)
Email: mail@reidconsulting.com.au
A.B.N. 77 096 964 493



REID
CONSULTING
ENGINEERS
PTY LTD

**Consulting Engineers,
Project Managers
and Designers**

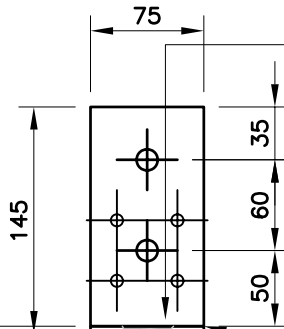
CLIENT			
LEVEL MASTER			
DESIGNED	LBR	DRAWN	JJK
DATE	30/01/15	APPROVED	RPE 2014

TITLE			
ADJUSTABLE POST HEAD ASSEMBLY			
SCALE	1:5	DRAWING No	12835
SHEET	5	AMDT	A A4

MAXIMUM VERTICAL CONCENTRICALLY APPLIED (TO THE ADJUSTING BOLT) DOWNWARD LOAD CAPACITY 90kN. (LIMIT STATE LOAD).

THE LOAD CAPACITY INDICATED RELATES TO THE STRENGTH OF THE ADJUSTABLE BRACKET. THE BUILDING DESIGNER SHALL ASSESS ALL OTHER REQUIREMENTS AND SHALL MAKE APPROPRIATE ALLOWANCES.

SET AT 80mm MINIMUM AND ALLOW ADJUSTMENT TO SUIT PREDICATED SOIL MOVEMENT.



200x6 FOLDED PLATE.
2/14 ϕ HOLES FOR 2/M12 BOLTS. 12/8 ϕ HOLES.

PLUG WELD

ADJUSTING NUT
WELDED CAP.
REFER DETAIL THIS SHEET.

GALVANISED M30
THREADED ROD.
220mm LONG

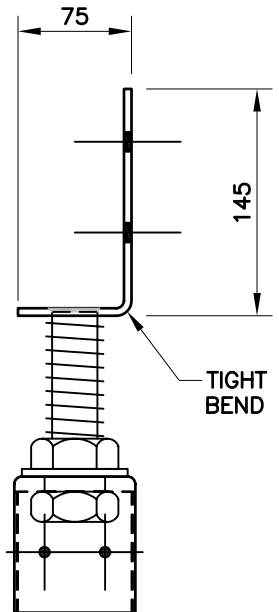
GALVANISED POST LENGTH TO SUIT
75x75x2.5 SHS, 90x90x3.5 SHS
OR 100x100x3.0 SHS. MAXIMUM
ABOVE GROUND LENGTH 3000.

FALL FOR
DRAINAGE

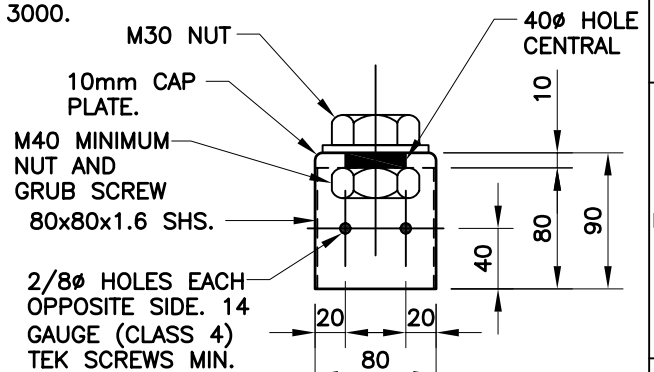
CAST 500 INTO CONCRETE
PIER FOOTING TO DESIGN
AND DETAIL BY OTHERS.

100 MINIMUM
OR AS
OTHERWISE
DESIGNED BY
ENGINEER.

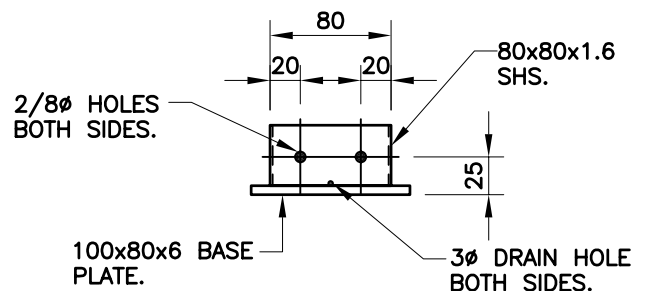
WELDED BASEPLATE.
REFER DETAIL THIS SHEET.



END VIEW



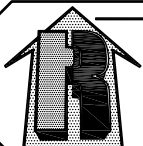
WELDED CAP DETAIL



WELDED BASEPLATE DETAIL

PLOT SCALE 1:100
PLOT DATE 14/08/13
WORKING FILES\12800\12835\12835_06A.dwg

106 Herries Street, Toowoomba
P.O. Box 614 Toowoomba Q. 4350
Tel (07) 4639 2800 Fax(07) 4639 6866
Mobile Phones: 0408 392 000 (Lindsay Reid)
0417 050 173 (Shayne Cleary)
0429 392 800 (David Waldoock)
Email: mail@reidconsulting.com.au
A.B.N. 77 096 964 493



REID
CONSULTING
ENGINEERS
PTY LTD

**Consulting Engineers,
Project Managers
and Designers**

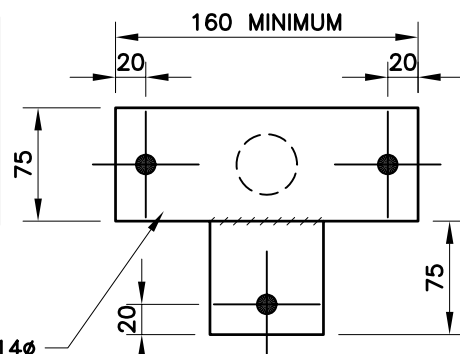
CLIENT			
LEVEL MASTER			
DESIGNED	LBR	DRAWN	JJK
DATE	30/01/15	APPROVED	RPEQ 2014

TITLE			
ADJUSTABLE POST HEAD ASSEMBLY			
SCALE	1:5	DRAWING No	12835
SHEET	6	AMDT	A A4

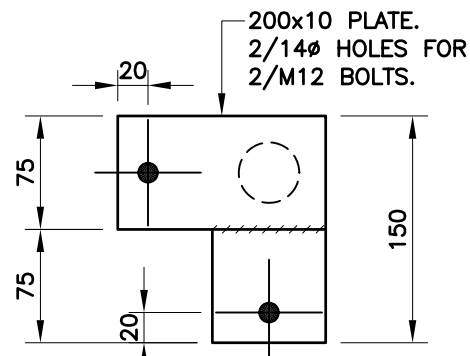
MAXIMUM VERTICAL DOWNWARD
LOAD CAPACITY 90kN#. (LIMIT
STATE LOAD).

MAXIMUM VERTICAL UPWARD
LOAD CAPACITY 40kN#. (LIMIT
STATE LOAD)

#: THE LOAD CAPACITY INDICATED
RELATES TO THE STRENGTH OF
THE ADJUSTABLE BRACKET. THE
BUILDING DESIGNER SHALL
ASSESS ALL OTHER
REQUIREMENTS AND SHALL
MAKE APPROPRIATE
ALLOWANCES.

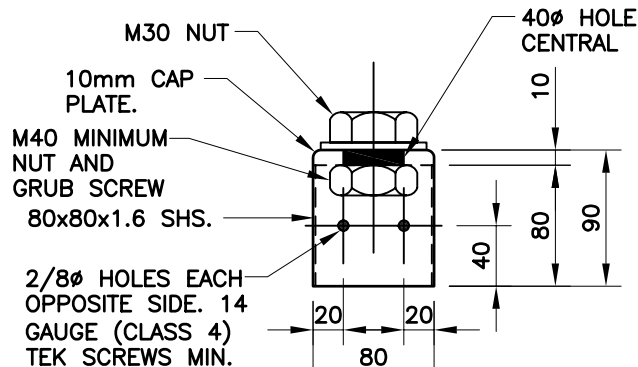


SIDE PLATE DETAIL

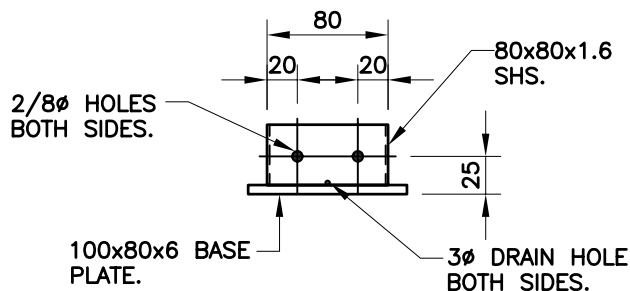


CORNER TOP PLATE DETAIL

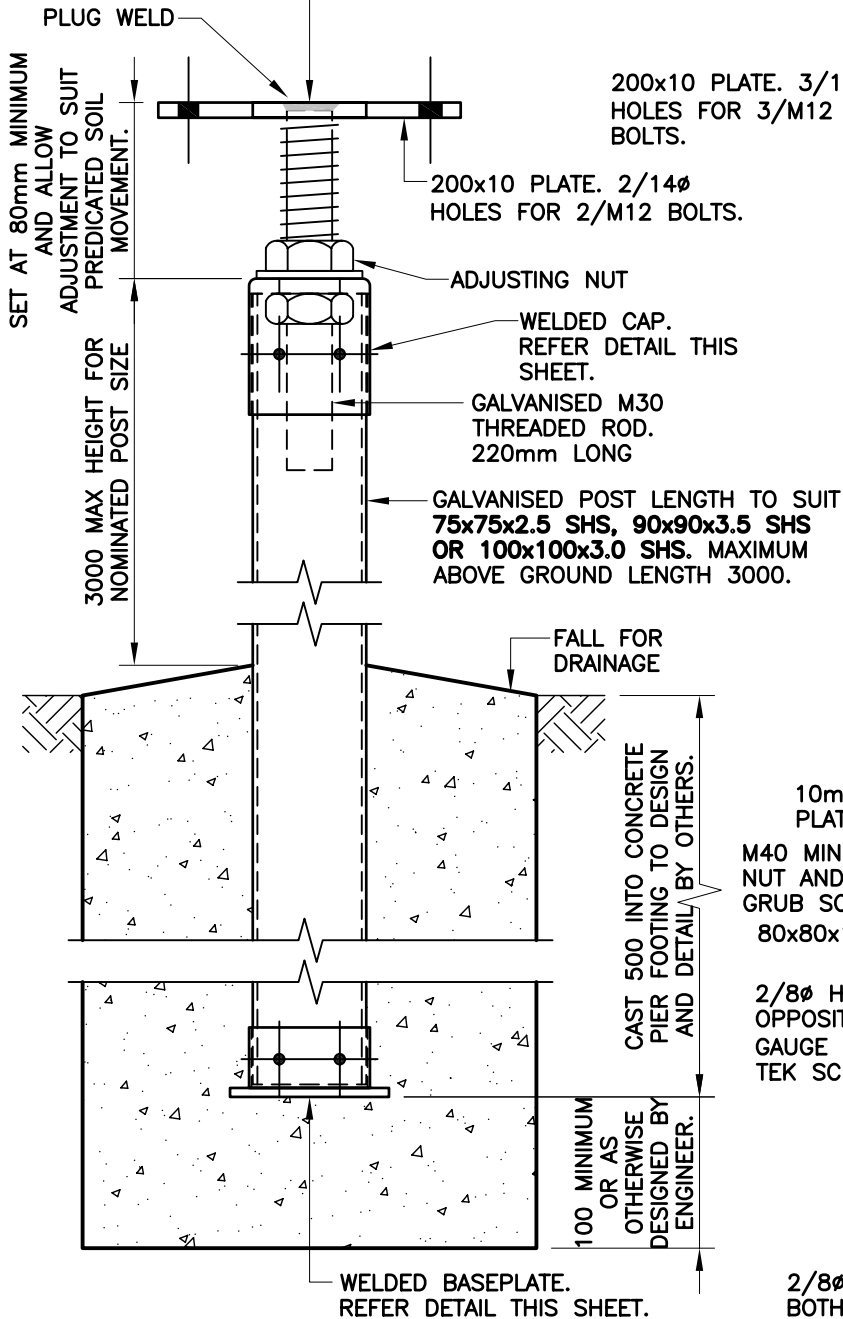
BUILDING DESIGNER SHALL ASSESS
STRUCTURAL SUPPORT REQUIREMENTS AND
VERIFY THAT SIDE TOP PLATES ARE ADEQUATE
FOR THE PARTICULAR JOB REQUIREMENTS.



WELDED CAP DETAIL

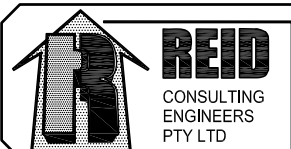


WELDED BASEPLATE DETAIL



PLOT SCALE 1:100
PLOT DATE 14/08/13
WORKING FILES\12800\12835\12835_07A.dwg

106 Herries Street, Toowoomba
P.O. Box 614 Toowoomba Q. 4350
Tel (07) 4639 2800 Fax(07) 4639 6866
Mobile Phones: 0408 392 000 (Lindsay Reid)
0417 050 173 (Shayne Cleary)
0429 392 800 (David Waldoock)
Email: mail@reidconsulting.com.au
A.B.N. 77 096 964 493



**Consulting Engineers,
Project Managers
and Designers**

CLIENT	
LEVEL MASTER	
DESIGNED	LBR
DRAWN	JJK
DATE	30/01/15
APPROVED	RPEL 2014

TITLE	
ADJUSTABLE POST HEAD ASSEMBLY	
SCALE	1:5
DRAWING No	12835
SHEET	7
AMDT	A
A4	