

TEK "A" QTY	TEK "B" QTY	WEB 0.8MT LOAD (kN)	WEB 1.0MT LOAD (kN)
6	4	12.7	17.7

BOXSPAN LEGEND:
 WEB 0.8BMT = B100-16, B150-16, B200-16
 WEB 1.0BMT = B150-20, B200-20, B250-20

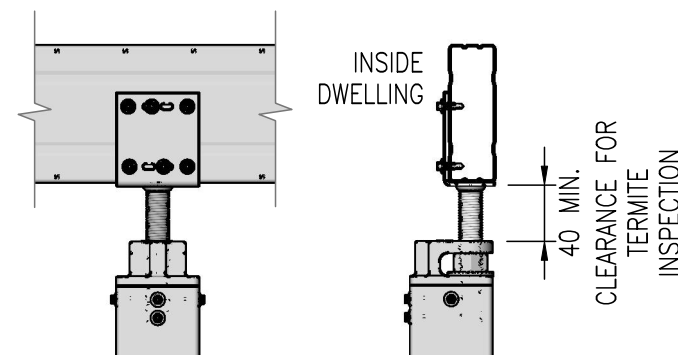
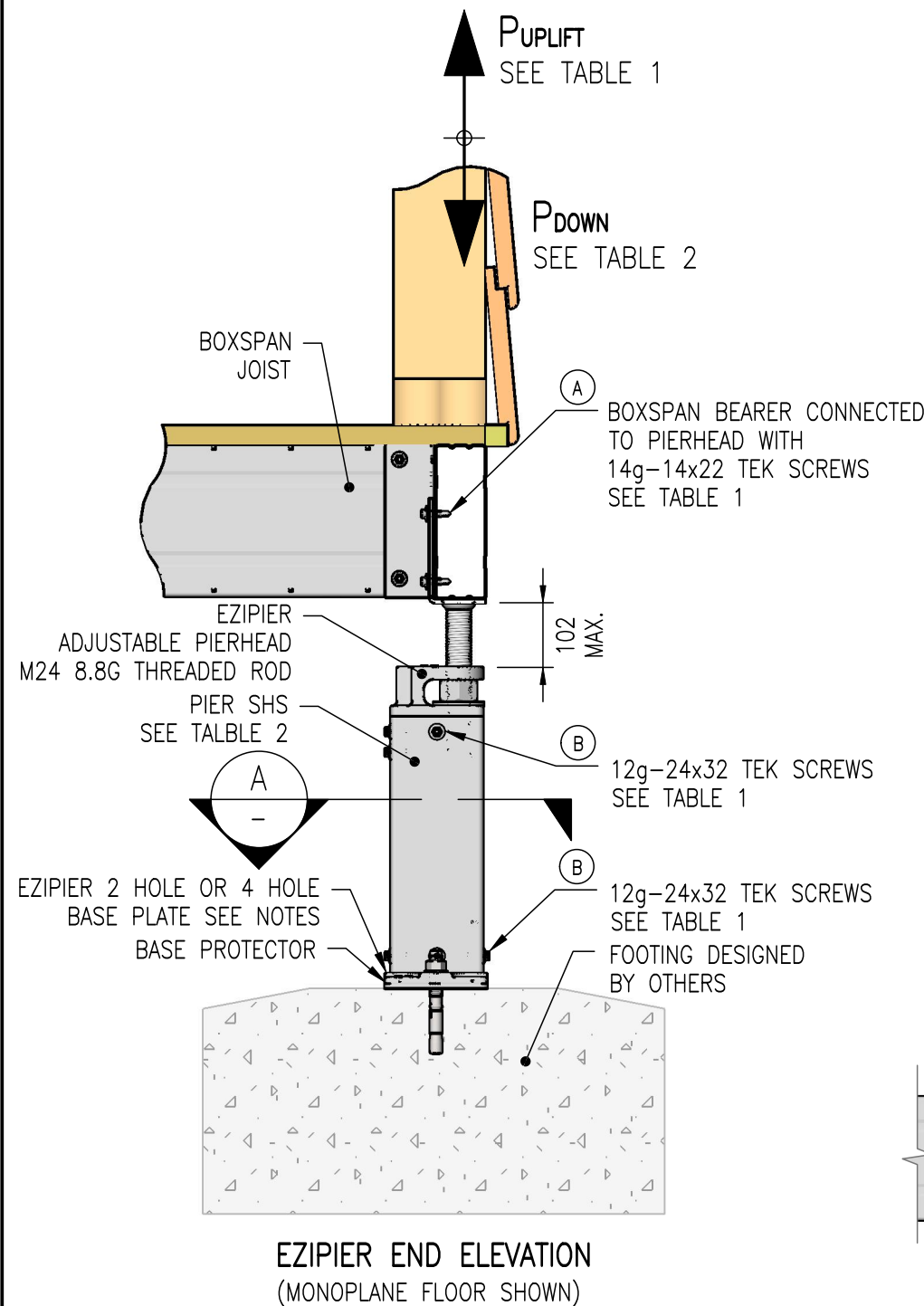
GENERAL NOTES:

- THIS DRAWING SHOWS A BOXSPAN MONOPLANE FLOOR, IT IS ASSUMED THE FLOOR SUPPORTED BY THE PIERS IS FULLY BRACED AND THE LOADS SUPPORTED ARE DEAD LOADS, LIVE LOADS AND WIND UPLIFT ONLY.
- THE NOMINAL CONNECTION SHOWN IS THE MINIMUM CONNECTION THAT SHOULD BE USED. A COMPETANT PERSON SHOULD CHECK THE DESIGN FOR UPLIFT TO SUIT THE ACTUAL SITE CONDITIONS.
- THE ADJUSTABLE HEAD AND BASE PLATE ARE MADE FROM DUCTILE CAST IRON WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 400MPa CONFORMING TO AS1831-2007 (ISO1083) AND HOT DIPPED GALVANISED TO 450gsm (GRAMS PER SQUARE METER).
- FOR PROTECTIVE COATING SYSTEMS REFER TO: NCC VOLUME 2, NASH STANDARD RESIDENTIAL AND LOW-RISE STEEL FRAMING PART 2: DESIGN SOLUTIONS, AS/NZS 4680 HOT-DIP ZINC COATINGS ON FABRICATED FERROUS ARTICLES, AS/NZS 4792 HOLLOW SECTIONS PRODUCED BY WELDING PRE-GALVANIZED STEEL STRIP.
- BASE PLATE MUST BE SELECTED TO SUIT THE APPLIED LOADS, SEE DRAWING P14 FOR THE 2 AND 4 HOLE BASE PLATE CAPACITIES OR VISIT OUR WEBSITE www.spantec.com.au

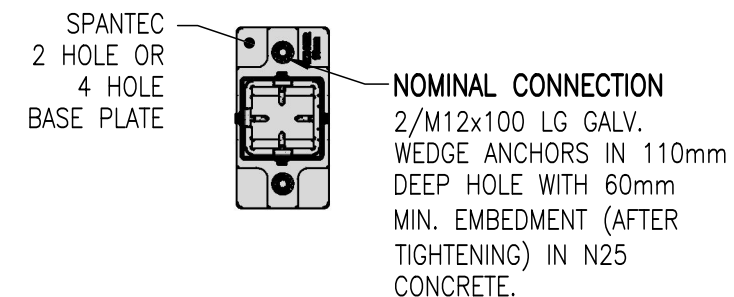
PIER HEAD	PIER SHS SIZE (mm)	MAX. DOWN LOAD (kN)
75LPH	75x75x2.0	45.0
90LPH	90x90x2.0	55.0
89LPH	89x89x3.5	110.0

EZIPIER DOWNWARD CAPACITY NOTES

- THE CAPACITY OF PIERHEAD IS BASED ON THE STRENGTH OF THE WHOLE PIER ASSEMBLY AND IT IS ASSUMED THE PIER IS CENTRICALLY LOADED, IF THE PIER IS ESSECTRICALLY LOADED THEN REDUCE THE VALUES IN THE TABLE ABOVE BY 25%.
- THE ULTIMATE DOWNWARD LOAD CAPACITY OF THE PIER IS BASED ON A MAXIMUM FFL OF 2700 (FINISHED FLOOR LEVEL), FOR FLOOR HEIGHTS ABOVE 2700 THE PIER CAPACITY MUST BE CHECKED BY A COMPETANT PERSON.
- PIER SHS MIN. STEEL GRADE 350MPa TO AS1163.
- THE CAPACITIES IN THE TABLES ARE CALCULATED USING AUSTRALIAN LOADING CODE AS1170 AND AS4600. IF A HIGHER CAPACITY IS NEEDED USE A "U" PIER HEAD.



TERMITE INSPECTION POINT AND PIERHEAD PREFERRED ORIENTATION
 TERMITE INSPECTION SATISFIES NCC REQUIREMENTS BY PROVISION OF A CLEAR INSPECTION POINT.



SECTION A
 NOTE: BASE PLATE ORIENTATION IS PARALLEL TO BEARER.

STRUCTURAL DESIGN CERTIFICATION

HALINA ENGINEERS
 ACN 639-248-114

REF. # 3333
 DATE 23/08/2022

SIGNATURE *[Signature]*
 HA NGUYEN
 BE(Hons) PhD MIEAust CPEng NER 4188792
 PE0001349 (VIC), RPEQ24385 (QLD), TAS 727649808

REV.	DESCRIPTION	DRN.	DATE
E	CERTIFICATION STAMP CHANGED	M.R.	23/08/22

DESCRIPTION
EZIPIER ADJUSTABLE "L" PIERHEAD ASSEMBLY BOXSPAN CONNECTION DETAILS

DRAWING NUMBER:	REVISION
P04-03	E
SCALE @ A3 NTS	DATE DRAWN 15/11/20