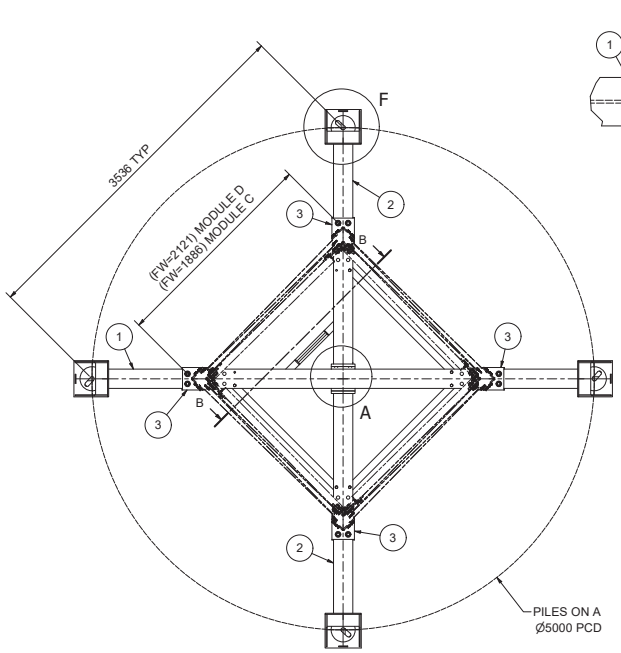
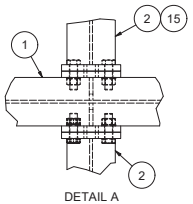
HELICAL PILE FRAME ASSEMBLY No. HPF210					
ITEM	Drg No.	PART No.	DESCRIPTION	Wt (Kg)	QTY
1	SB2133	SB2133	MAIN BEAM (457x191x98 UB)	691.9	1
2	SB2134	SB2134	BEAM (457x191x98 UB)	325.9	2
3	BS197	BS197	BASE STUB TO SUIT ATS1300 BASE MODULE D ON PILE FRAME	28.0	4
4	BS198	BS198	BASE STUB TO SUIT ATS1300 SCREW PILE BASE MODULE C ON PILE FRAME	26.6	4
5	SA853	SA853	BRACE (70x70x8 RSA)	13.2	3
6	LF1257	LF1257	3 RUNG LADDER FOOT (WELDED ASSEMBLY)	18.2	1
7	CP2070	CP2070	CLAMP PLATE TO SUIT MODULE D (40mm THICK)	21.2	4
8	CP2071	CP2071	CLAMP PLATE TO SUIT MODULE C (40mm THICK)	21.2	4
9	SP350	SP350	SPACER (10mm THICK PLATE)	4.6	4
10	SP351	SP351	SPACER (6mm THICK PLATE)	2.7	8
11	SP352	SP352	SPACER (2mm THICK GALV SHEET)	0.9	8
12	HE1403	HE1403	D' PLATE (30 THK PLT)	2.4	8
13	HE1404	HE1404	THRUST WASHER (30 THK PLT)	10.1	4
14	------	------	M30x700 STUDDING c/w 4N-2FW	5.3	16
15	------	------	M30x100 B-N-FW	1.2	16
16	------	------	M16x60 B-N-FW	0.1	8
17	------	SPARE	M30x100 B-N-FW	0.9	3
18	------	SPARE	M16x60 B-N-FW	0.1	1
19	------	------	ISCHEBECK TITAN SPHERICAL COLLAR NUT - LEFT HANDED THREAD (40/20) (ISCHEBECK TITAN PART No. 0130750048)	0.1	8
20	------	------	ISCHEBECK TITAN WASHER PLATE (115 SQ x 20mm THICK) (40/20) (ISCHEBECK TITAN PART No. 0130760066)	1.8	4

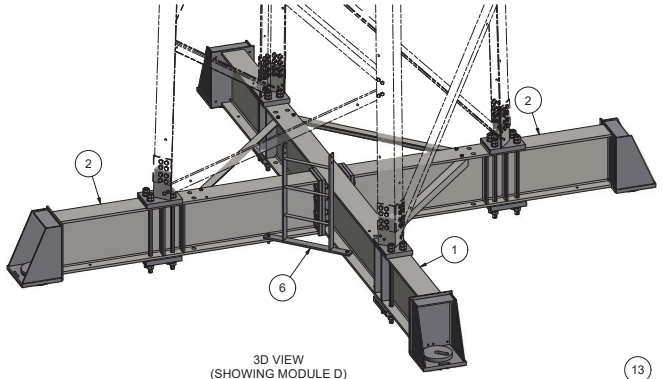
ALL BOLTS M30x100 B-N-FW UNO

WEIGHT Kg	
MODULE C	MODULE D
2353	2358

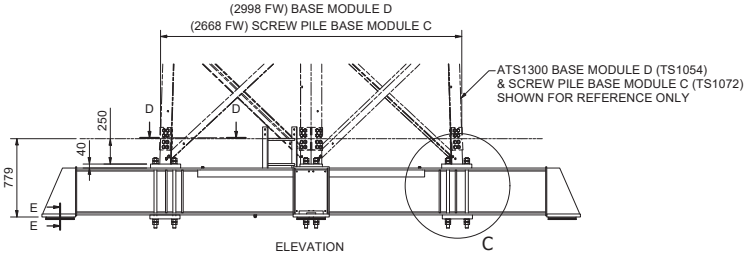


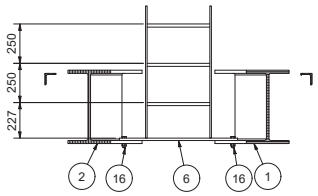
PLAN
(SHOWING MODULE D)

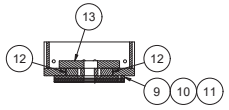


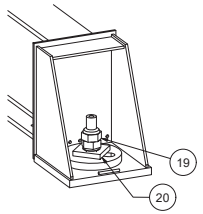


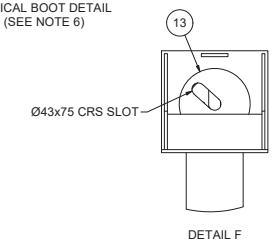
3D VIEW
(SHOWING MODULE D)

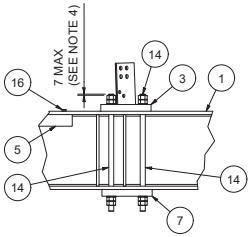


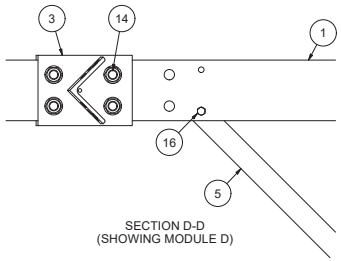


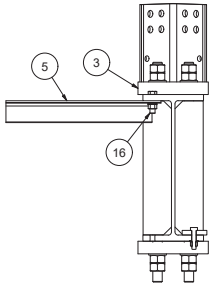


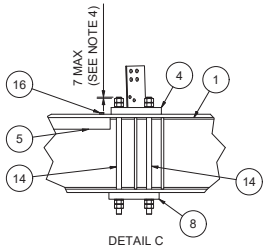


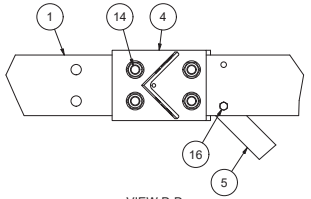


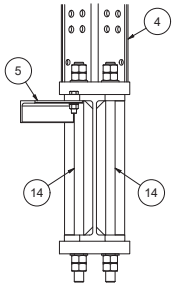












DO NOT SCALE
IF IN DOUBT ASK

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ALL WELDS TO BE CONTINUOUS I.E. "PICKLE FREE" | REMOVE ALL SHARP EDGES AND BURRS

ENGURE ALL HARD STAMP CHARACTERS ARE VISIBLE AFTER GALVANISATION

UNLESS OTHERWISE STATED:-
MATERIAL:- GRADE 43 JRS FLI LTD FORM 11G
FINISH:- GALVANISED TO BS EN ISO 1461
DIMENSIONS:- MILLIMETRES (mm)
WELD INSP:- AS PER NSSS LATEST EDITION ANNEX 'B'
TOLERANCES:-
CUT LENGTHS = ±2mm
HOLE CENTRES = ±2mm
ANGULAR CUT = ±0.25°
FABRICATED ASSY = ±3mm
BOLTS CL 8.8/8S

FOR CE MARK & EXECUTION CLASS REFER TO RELEVANT DoP

NON PRELOADED BOLTING ASSEMBLIES TO BS EN 15048-1

NOTES:-

1. ALL DRAWING NOTES ARE FOR GUIDANCE ONLY. FOR INSTALLATION INSTRUCTIONS REFER TO THE RELEVANT METHOD STATEMENT.

2. BOLTS SHALL BE MADE "SNUG TIGHT" BEING THAT TIGHTNESS ACHIEVABLE BY THE EFFORT OF ONE MAN USING A NORMAL SIZE SPANNER.

3. ENSURE CORRECT STUBS ARE SPECIFIED FOR JOB.

4. ENSURE ALL STUDDING TOP THREAD LENGTH MAXIMUM 7mm, TO AVOID CLASH WITH BRACING BOLTS.

5. LATERAL TENSION STEELWORK ASSEMBLY IS REQUIRED WHEN THE PILE FRAME IS USED WITH AN EXISTING FOUNDATION. SEE SITE SPECIFIC SKETCH FOR DETAILS.
DO NOT SUPPLY IF NOT REQUIRED.

6. SPACERS/PACKERS TO AID WITH LEVELLING OF THE FRAME ON SITE. THE COMBINATION IS TO DETERMINED BY THE CUSTOMER TO SUIT.

7. ENSURE THE CORRECT BASE STUBS & CLAMP PLATES ARE SUPPLIED FOR EACH JOB.

8. ISCHEBECK TITAN COLLARED NUTS AND WASHER SUIT 40/20 MICRO PILES THESE ARE ONLY REQUIRED WHEN ISCHEBECK TITAN PILING IS THE DESIRED CHOICE OF ARRANGEMENT.

A	22/10/2020	TOBY GAGE	TG
ISSUE	DATE	MODIFICATION	

FLI structures
FRANCIS & LATHAM INTERNATIONAL LTD
TEL: +44 (0) 1429 722660 www.flistructures.com

DATE	22/10/2020	SCALE	NTS	FLI No.	2355/090A
DRAWN	BD	CHECKED	BP	APPD	TB
CUSTOMER	STANDARD PRODUCT				
ORDER No.	N/A				

TITLE
PILE FRAME TO SUIT ATS1300
BASE MODULE D & SCREW PILE
BASE MODULE C

TOTAL WEIGHT	SEE DRG.	DRG No.	HPF210	A

A1