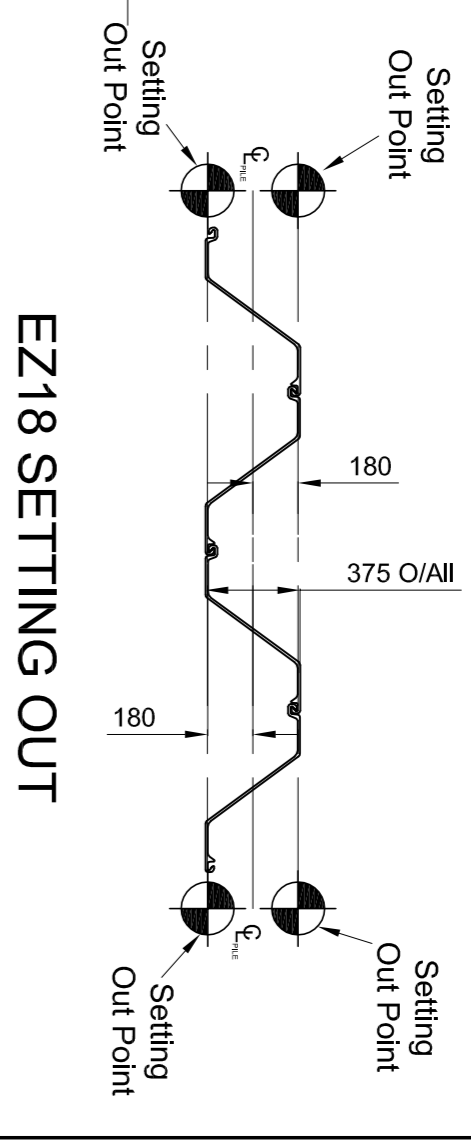


- NOTES**
1. See also SPUK Method Statement.
 2. See also SPUK Design Report.
 3. Setting out by others.
 4. The layout produced will be a best fit solution, based on the use of whole piles.
- 75mm Plan position from given line at commencement level
-50mm vertically of specified pile head level
-Maximum 1:75 rake in vertically.
- Pile numbers, wall plan lengths and pile orientations indicated are indicative only and are subject to rolling and installation tolerances as below.



- PROPOSED CONSTRUCTION SEQUENCE** [Rev A]
1. Install Temporary Trench Sheets and excavate for lead trenches etc. all by others in preparation for installation of permanent sheet piles.
 2. SPUK Install Permanent Steel Sheet piles welding top 500mm of clutch in process.
 3. SPUK to install all service penetrations and shear studs as identified on SPUK GA Drawing E14307/GA/04 on initial visit.
 4. Cast and cure RC Capping Beam at ground level by others.
 5. Excavate to Under-side of CFA Piling Platform +11.850m.
 6. Place and compact CFA piling platform and install CFA Piles.
 7. Install SPUK Temporary Bracing @ +15.230m using RC Capping beam as temporary waler. Refer to SPUK Bracing GA Drawing E14307/GA/02 Rev A for details.
 8. Excavate to General Formation levels on-site (Section A @ +10.770m Section B&C @ +11.850m, SPUK to return and weld "bottom" 1.0m of clutch together with puddle flange.
 9. Excavate for localised pile cap in a "Hit and Miss" sequence and cut down CFA piles.
 10. Cast localised pile caps and RC basement slab, allow to cure.
 11. SPUK to return to complete welding of sheet pile clutches and Remove Temporary Bracing to deeper basement section
 12. Continue with Construction of Building

CDM (2007) - RESIDUAL RISKS

REF	RISK
01	Soil Strength/level data drawn to scope completion.
02	Obstructions along the sheet pile line.
03	Excavate Damage Loadings.
04	Trench sheet temporary work design by others.
05	Excavate following of formation.
06	Mechanical Overdig.
07	Existing Services - Location not always known.
08	Over-excavating for 2M - 2000.

B 09/02/15
Revised following Contractors and Engineers comments

WATES CONSTRUCTION

**No. 1 STATION ROAD,
CAMBRIDGE**

**SHEET PILING GENERAL
ARRANGEMENT DRAWING**

Original Size A1	Drawing No. E14307/GA/01	Revision: C1
JAN 2015	Scale @ A1: Shown	SD
Checked: SD	Drawn by: SD	Checked: SD

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