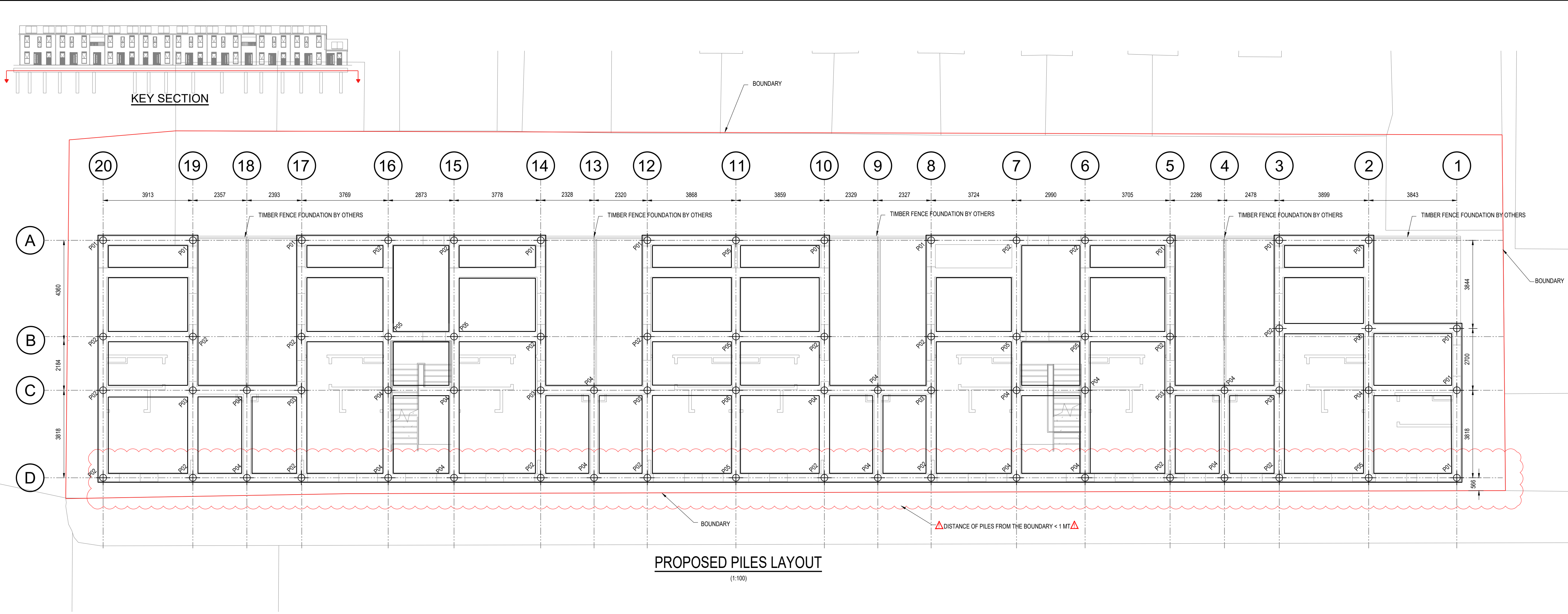




PILING NOTES

ALL PILES TO BE DESIGNED BY CONTRACTOR WITH FACTOR OF SAFETY OF 3.0

MAXIMUM DIFFERENTIAL SETTLEMENT OF 5mm OR SPACING OVER 500 WHICH EVER IS LESS BETWEEN ADJACENT MAIN COLUMNS AND WALLS

TOTAL SETTLEMENT OF PILES NOT TO EXCEED 10mm (INCLUDING ELASTIC SHORTENING)

ALL PILES TO BE SPACED OUT NOT LESS THAN 3 TIMES ITS OWN DIAMETER UNLESS NOTED OTHERWISE

ALL CONCRETE TO BE RC40

ALLOW FOR 1 PERCENT OF PILES TO BE TESTED TO 1.5 x WORKING LOADS WITH MINIMUM OF 1 PER PILE DIAMETER IF FACTOR OF SAFETY IS LOWER THAN 3.0. IF SO THIS MUST BE CLEARLY STATED WITH THE TENDER RETURNS

ALL PILES ARE SUBJECT TO NON-DESTRUCTIVE INTEGRITY TESTS

PILE LOADS GIVEN ARE BASED UPON INDICATIVE PILE CONFIGURATION. LOADS WILL REQUIRE RE-ASSESSMENT BY QED STRUCTURES DURING CONSTRUCTION STAGE

PILE DESIGN CONTRACTOR TO PROVIDE QED STRUCTURES WITH EXPECTED LOAD/DISPLACEMENT CHARACTERISTICS OF ALL PILES AT CONSTRUCTION STAGE

PILE DESIGN CONTRACTOR IS TO PROVIDE QED STRUCTURES WITH A LAYOUT PLAN HIGHLIGHTING ALL PILE SIZES AND SETTING OUT AT CONSTRUCTION STAGE

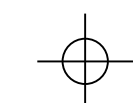
PRELIMINARY PILE SCHEDULE

PILE REF	DL (kN)	LL (kN)	W (kN)
P01	100	30	+/-10
P02	120	50	+/-10
P03	130	50	+/-10
P04	150	70	+/-10
P05	160	60	+/-10
P06	170	70	+/-10

ALL PILES TO BE 300mm DIAMETER U.N.O. TO BE DESIGNED BY PILING SPECIALIST CONTRACTOR

ALL PILES TO BE DESIGNED FOR A LATERAL LOAD OF 10 KN UNFACTORED LOAD

ENSURE MINIMUM 40 x BAR DIAMETER ANCHORAGE FROM REINFORCEMENT IN PILES INTO CAP. TO PILE DESIGNERS DESIGN AND DETAILS.



PILE LOADS ARE BASED UPON PRELIMINARY DESIGN ONLY AND FOR INITIAL COSTING PURPOSES.

GRID LINE BY ENGINEERS TBC BY ARCHITECTS

ALL TEMPORARY WORKS IS MAIN CONTRACTORS RESPONSIBILITY AND DESIGN

CONCRETE GRADE TO BE IN ACCORDANCE WITH TIER CONSULT GROUND INVESTIGATION REPORT STW6573-R01 Rev A

PROVIDE HEAVE PROTECTION ON THE INTERNAL SIDE OF GROUND BEAMS

PILES CUT OFF LEVEL TBC

- DISCLAIMER NOTES:
- THIS DOCUMENT IS COPYRIGHT OF QED STRUCTURES AND MUST BE TREATED AS CONFIDENTIAL
 - THIS DOCUMENT MUST NOT BE ALTERED, REPRODUCED OR DISTRIBUTED WITHOUT PRIOR WRITTEN CONSENT OF QED STRUCTURES. QED STRUCTURES ACCEPTS NO RESPONSIBILITY FOR ANY DISCREPANCIES ARISING AS A RESULT OF THE ORIGINAL INFORMATION BEING ALTERED BY OTHERS
 - QED STRUCTURES ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF BACKGROUND INFORMATION PRODUCED BY THIRD PARTIES - THIS MUST BE TREATED AS INDICATIVE ONLY
 - THE DOCUMENT STATUS "INFORMATION" OR "PRELIMINARY" INDICATES THAT THE DRAWING IS FOR REFERENCE PURPOSES ONLY. QED STRUCTURES ACCEPTS NO RESPONSIBILITY FOR THE COMPLETENESS OF INFORMATION UNDER THIS STATUS
 - THE DOCUMENTS STATUS "RECORD" OR "AS-BUILT" HAS BEEN PREPARED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, QED STRUCTURES ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THIS "RECORD" OR "AS-BUILT" DOCUMENT OF ANY ERRORS OR OMISSIONS THAT MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT OF INCORRECT INFORMATION PROVIDED TO QED STRUCTURES. THOSE RELYING ON "AS-BUILT" INFORMATION ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY.
 - THIS DRAWING IS NOT TO BE SCALED. WORK FROM GIVEN DIMENSIONS ONLY. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEERS, SPECIALISTS, QED STRUCTURES DRAWINGS, SPECIFICATIONS AND BILL OF QUANTITIES.
 - ANY DISCREPANCIES OR VARIATIONS ARE TO BE REPORTED IMMEDIATELY TO QED STRUCTURES FOR CLARIFICATION BEFORE THE AFFECTED WORK COMMENCES
 - ALL DIMENSIONS ARE TO BE CHECKED ON SITE, ANY DISCREPANCIES RE TO BE REPORTED IMMEDIATELY TO QED STRUCTURES FOR CLARIFICATION BEFORE THE AFFECTED WORK COMMENCES
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS AND FOR THE STABILITY OF THE WORKS IN PROGRESS

P07	FOR TENDER	04.10.24	MA	NT
P06	LAYOUT AND LOADINGS FOUNDATION	26.09.24	MA	NT
P05	LAYOUT AND LOADINGS FOUNDATION	12.09.24	MS	NT
P04	LAYOUT HANDED TO SUIT LATEST ARCHITECTURAL CHANGES	26.03.24	CUN	JR
P03	LAYOUT UPDATED TO SUIT LATEST ARCHITECTURAL CHANGES	25.03.24	CUN	JR
P02	TITLE BLOCK AMENDED	31.01.24	CUN	JR
P01	ISSUED FOR TENDER	26.01.24	CUN	JR
REV	DESCRIPTION	DATE	BY	APP



CONSULTING CIVIL AND
STRUCTURAL ENGINEERS
TEL +44 (0) 1273 033680

QED PROJECT No.
23-510

CLIENT
WARD WILLIAMS ASSOCIATES

PROJECT
HORNBY STREET, HEYWOOD

TITLE
PROPOSED PILES LAYOUT

DRAWN MS	ENGINEER MS	CHECKED BY MA	APPROVED BY NT
-------------	----------------	------------------	-------------------

DATE APPROVED JAN 24 SCALE @ A1 AS SHOWN

STATUS
D2 - SUITABLE FOR TENDER

DRAWING No.
23-510-QED-ZZ-DR-S-0020

REVISION
P07

