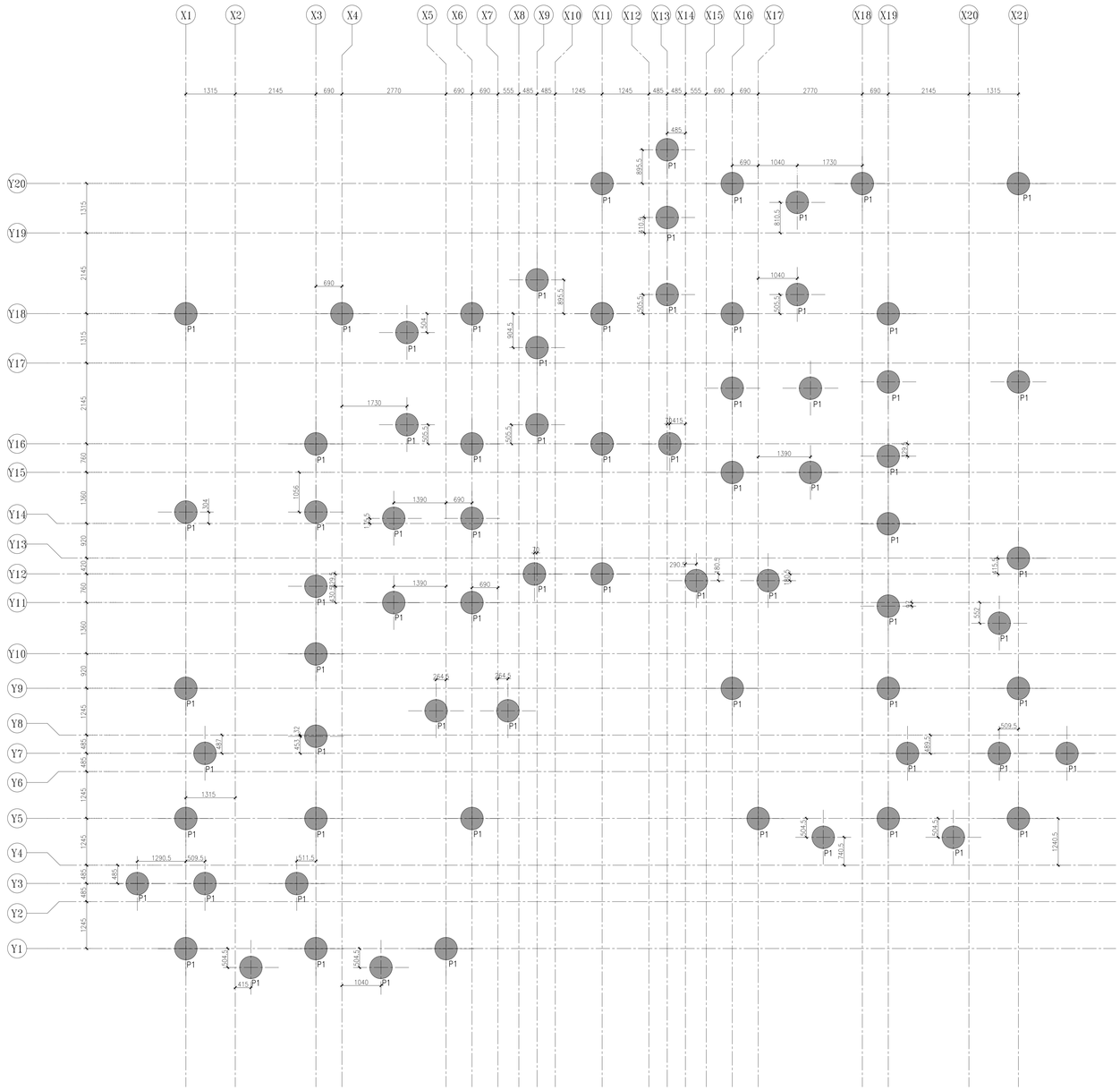

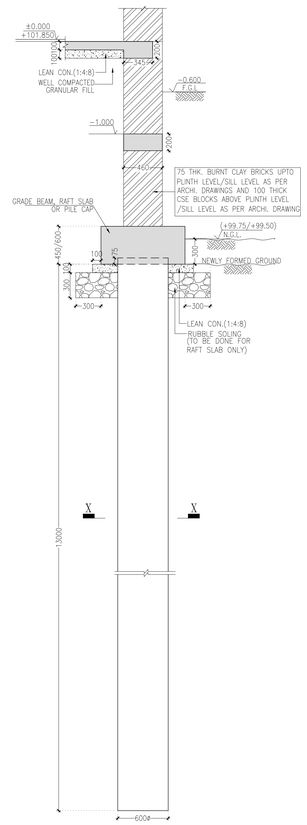

TYPICAL DETAIL OF PILE (P1)

SECTION X-X
(PILE P1)

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NOTES:

DETAIL	REMARKS
REFERENCE	ALL DIMENSIONS TO BE CHECKED AND CORRELATED WITH ALL RELATED DRAWINGS AND ANY AMBIGUITY SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ENGINEERS BEFORE COMMENCEMENT OF THE WORK.
DIMENSION	ALL DIMENSIONS ARE MM AND LEVELS ARE IN METER. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
FOUNDATION/ PILES	PILING WORK TO BE DONE AS PER IS: 2911–2010 INITIAL AND ROUTINE TEST OF PILES TO BE CARRIED OUT AS PER IS 2911 (Part–04)–1985 FILLING ON BOTH SIDES OF WALL WHEN REQUIRED SHALL BE BALANCED IN STAGES AND LAYERS.
MASONRY SPEC.	ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UPTO SILL LEVEL WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm² ON GROSS AREA UNLESS OTHERWISE SPECIFIED BRICK MASONRY SHALL BE BEDDED WITH CEMENT : SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED.
CSE BLOCK MASONRY SPEC.	ALL CSEB MASONRY WALLS SHALL BE CONSTRUCTED FROM COMPRESSED STABILIZED EARTH BLOCK WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm² ON GROSS AREA UNLESS OTHERWISE SPECIFIED CSEB MASONRY SHALL BE BEDDED WITH CEMENT : SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED. PRISM TEST IS RECOMMENDED TO ENSURE THE EFFICIENCY OF MASONRY WALL AGAINST COMPRESSED STABILIZED EARTH BLOCK
CONC. SPEC.	ALL CONCRETE MIX M25 UNLESS OTHERWISE SPECIFIED.
REINFORCE MENT	'R' INDICATES TMT STEEL (Fe 5000) OF YIELD STRENGTH 500 N/mm²
COVER	CLEAR COVER TO MAIN STEEL IS AS FOLLOWS PILES : :50 mm PILE CAP : :60 mm GRADE BEAM : :30 mm FOOTINGS : SIDES & TOP :50 mm BOTTOM :50 mm COLUMNS & PEDESTALS : :40 mm BEAMS & LINTELS : :30 mm SLABS : :25 mm
LAPS/ SPLICES	LAP LENGTH IS FIFTY TIMES BAR DIAMETER
LEGENDS:	COLUMN/WALL STARTS FROM THIS LEVEL COLUMN/WALL STOPS AT THIS LEVEL

FOR TENDER PURPOSE ONLY

No.	Date.	Remarks.

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Nalanda University, Rajgir, Bihar

Title

STRUCTURAL G.A. DRAWINGS OF PILE LAYOUT & DETAILS FOR STUDENT HOUSING (TYPE-05)

Dealt : HS Checked : AJ Scale : 1:50, 1:25 Date : 09/06/2016	Drawing No. NUC- RSH - S - A.5.1

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