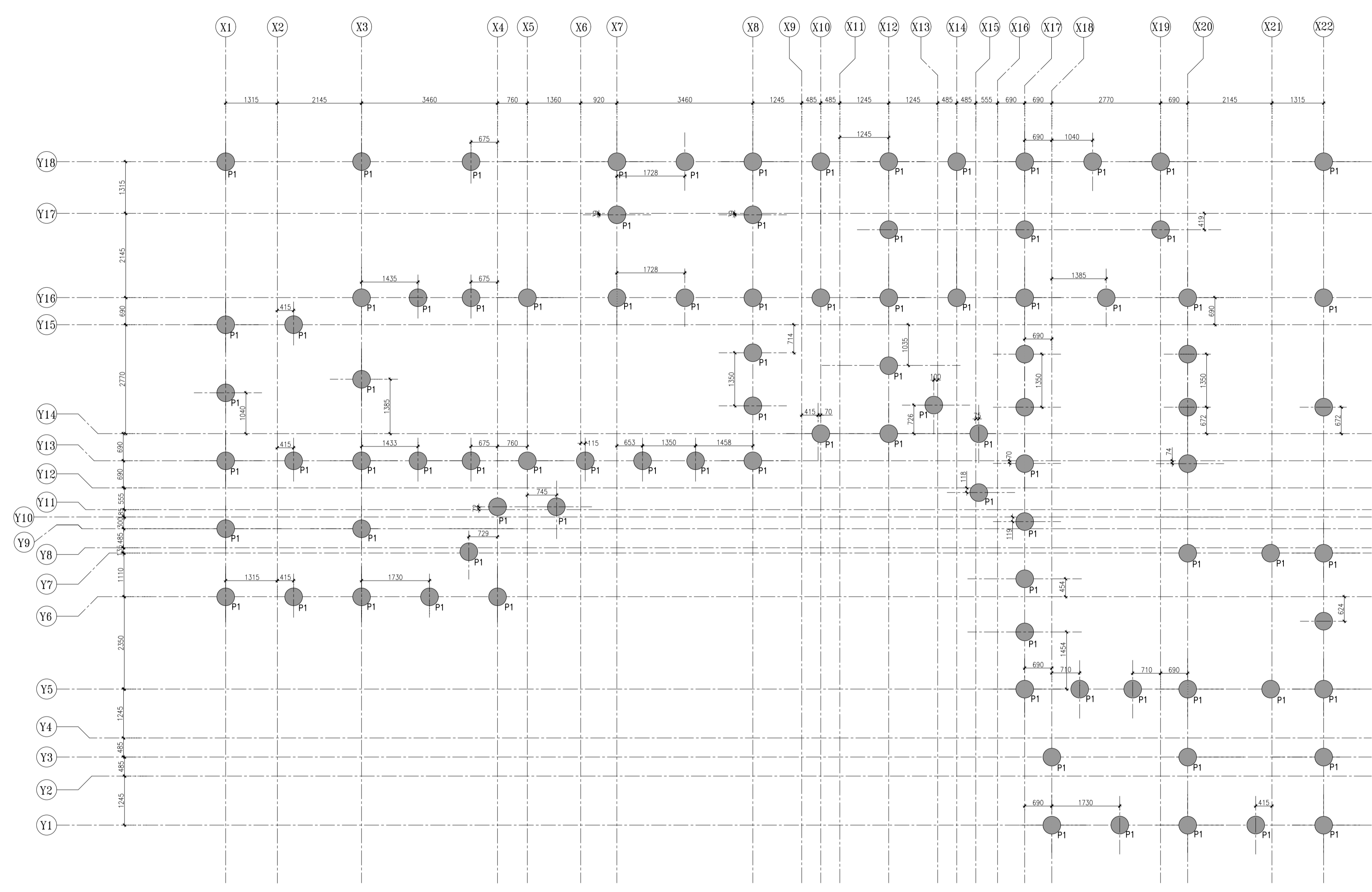
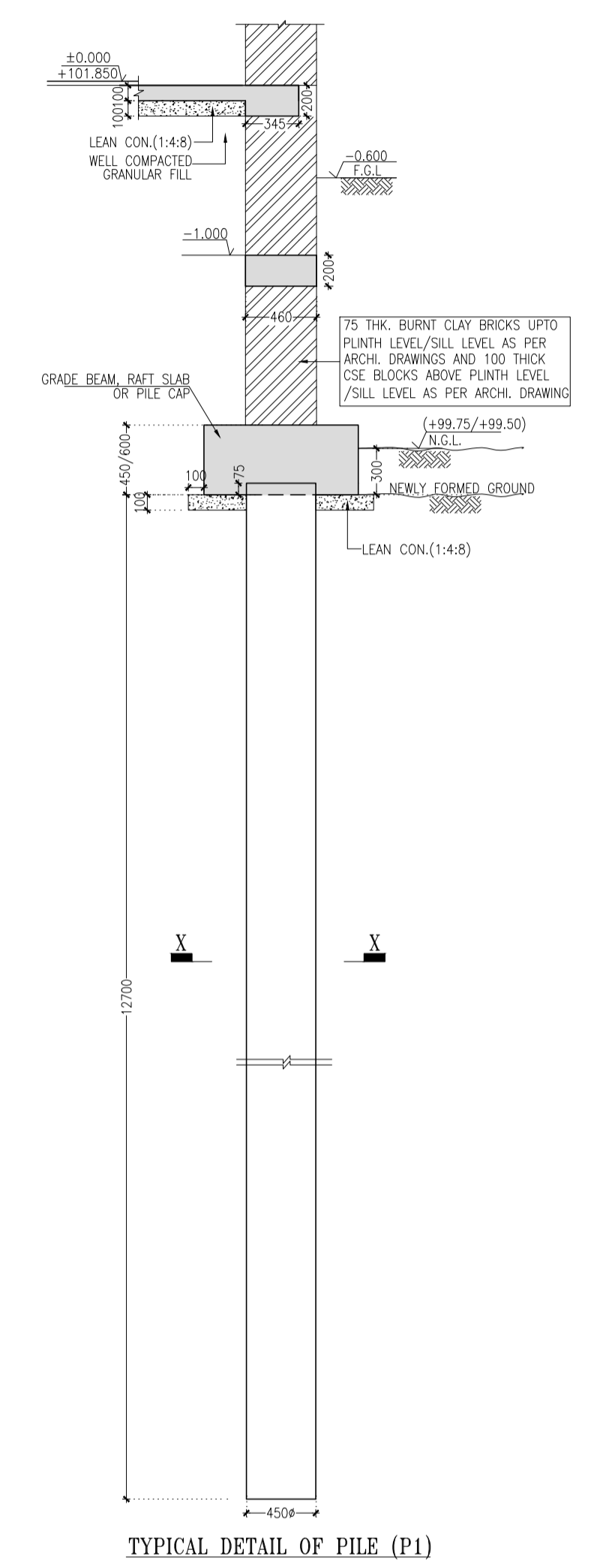


THIS DRAWING IS THE PROPERTY OF VINOD SHAH CONSULTING ENGINEERS PVT. LTD. AND NOT TO BE COPIED OR USED WITHOUT THEIR PERMISSION.

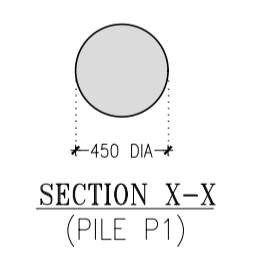
DETAIL	REMARKS
NOTES:	
REFERENCE:	ALL DIMENSIONS TO BE CHECKED AND CORRELATED WITH ALL RELATED DRAWINGS AND ANY AMBIGUITY SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ENGINEERS BEFORE COMMENCEMENT OF THE WORK.
DIMENSION:	ALL DIMENSIONS ARE IN MM AND LEVELS ARE TO BE MEASURED IN WATER.
FOUNDATION PILES:	ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED. PILE WORK TO BE DONE AS PER IS 2911-2010 PUSH AND PULLING TEST OF PILES TO BE CARRIED OUT AS PER IS 2911 (Part-04)-1985 REQUIRED SHALL BE BRANCHED IN SPACES AND LAYERS.
MASONRY SPEC:	ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNT CLAY BRICKS UP TO SILL LEVEL WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm <sup>2</sup> 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 CSE BLOCK MASONRY WALLS SHALL BE CONSTRUCTED FROM COMPRESSED STABILIZED EARTH BLOCK WITH MIN. CRUSHING STRENGTH OF 7.5 N/mm <sup>2</sup> ON GROSS AREA UNLESS OTHERWISE SPECIFIED. CSE BLOCK MASONRY SHALL BE BEDDED WITH CEMENT : SAND MORTAR IN PROPORTION OF 1:4 UNLESS OTHERWISE SPECIFIED. PUSH TEST IS RECOMMENDED TO ENSURE THE EFFICIENCY OF MASONRY WALL AGAINST COMPRESSED STABILIZED EARTH BLOCK.
CONC. SPEC:	ALL CONCRETE MIX M25 UNLESS OTHERWISE SPECIFIED.
REFERENCE MENT:	ALL REINFORCED TMT STEEL (Fe 500) OF YIELD STRENGTH 500 N/mm <sup>2</sup>
COVER:	CLEAR COVER TO MAIN STEEL IS AS FOLLOWS PILES : 50 mm PILE CAP : 40 mm GRADE BEAM : 30 mm FOOTINGS : 50 mm SLOES & TOP BOTTOM : 50 mm COLUMNS & PEDESTALS : 40 mm BEAMS & LINTELS : 30 mm SLABS : 25 mm
LAPS/SPICES:	LAP LENGTH IS FIFTY TIMES BAR DIAMETER
LEGENDS:	 COLUMN/WALL STARTS FROM THIS LEVEL NEWLY FORMED GROUND COLUMN/WALL STOPS AT THIS LEVEL LEAN CON.(1:4:8)



PILE LAYOUT



TYPICAL DETAIL OF PILE (P1)



SECTION X-X (PILE P1)

FOR TENDER PURPOSE ONLY		
No.	Date	Remarks

Date	Prints Issued to	Date	Prints Issued to

**Consultants**

- Structural Consultants: VINOD SHAH CONSULTING ENGINEERS PVT. LTD.
- Services Consultants: DBHMS
- Landscape Consultants: Earthscapes Consultancy Pvt Ltd
- Road and Pathways Consultants: Ahmm Intra Consultants LLP

**Project**

**Nalanda University, Rajgir, Bihar**

**Title**

**STRUCTURAL G.A. DRAWINGS OF PILE LAYOUT & DETAILS FOR STUDENT HOUSING (TYPE-12)**

Drawn By: HS | Drawing No: NUC-RSH-S-A.12.1  
 Checked By: AJ | Scale: 1:50, 1:25  
 Date: 09/06/2016

**VASTU SHILPA CONSULTANTS**  
 Architects | Planners | Urban Designers

'Sangath', Thattaj Road, Ahmedabad - 380054  
 Phone: 079-27454537 Fax: 079-27452006  
 www.sangath.org e-mail: vsc@sangath.org