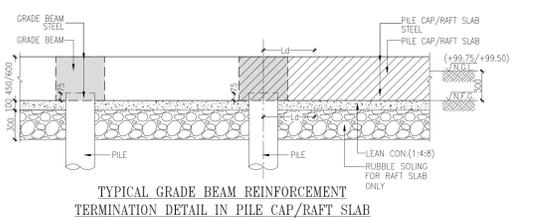
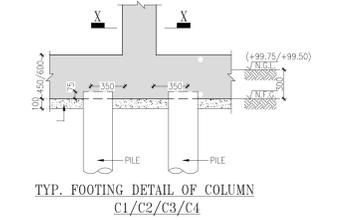
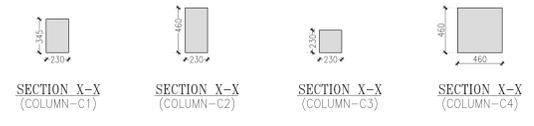


PILE CAP AND GRADE BEAM LAYOUT



TYPICAL GRADE BEAM REINFORCEMENT TERMINATION DETAIL IN PILE CAP/RAFT SLAB



TYP. FOOTING DETAIL OF COLUMN C1/C2/C3/C4

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 IN METERS AND LEVELS ARE TO BE MEASURED FROM THE FINISHED FLOOR LEVEL UNLESS OTHERWISE SPECIFIED.	
FOUNDATION PILES	ALL DIMENSIONS ARE IN METERS AND LEVELS ARE TO BE MEASURED FROM THE FINISHED FLOOR LEVEL UNLESS OTHERWISE SPECIFIED.	
MASONRY SPEC:	ALL MASONRY WALLS SHALL BE CONSTRUCTED FROM BURNED CLAY BRICKS UP TO SOIL LEVEL WITH MIN. COMPRESSIVE STRENGTH OF 7.5 N/mm ² ON CROSS AREA UNLESS OTHERWISE SPECIFIED.	
CSE BLOCK MASONRY SPEC:	ALL CSE BLOCK MASONRY WALLS SHALL BE CONSTRUCTED FROM COMPRESSED STABILIZED EARTH BLOCK WITH MIN. COMPRESSIVE STRENGTH OF 7.5 N/mm ² ON CROSS AREA UNLESS OTHERWISE SPECIFIED.	
CONC. SPEC:	SPECIAL CONCRETE MIX DES UNLESS OTHERWISE SPECIFIED.	
REINFORCEMENT	R INDICATES 8M STEEL (Fe 500) OF YIELD STRENGTH 500 N/mm ² .	
COVER	CLEAR COVER TO MAIN STEEL IS AS FOLLOWS: PILE: 50 mm PILE CAP: 40 mm GRADE BEAM: 30 mm FOOTINGS: 50 mm ROOF & TOP: 50 mm BOTTOM: 50 mm COLUMNS & PEDESTALS: 40 mm BEAMS & UNTELS: 30 mm SLABS: 25 mm	
LAPS/ SPLICES	LAP LENGTH IS FIFTY TIMES BAR DIAMETER.	
SPECIAL NOTE:	THE BUILDING IS DESIGNED FOR G+3 STOREYS ONLY AND NO FUTURE PROVISION IS CONSIDERED.	
LEGENDS:	<ul style="list-style-type: none"> □ 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
GRADE BEAM & PILE CAP LAYOUT AND DETAILS FOR FACULTY HOUSING (APPT TYPE-2)

Drawn: DJLIP
Checked: AU
Scale: 1:50, 1:25
Date: 07/09/2016

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