

**JUNAGADH AGRICULTURAL UNIVERSITY
JUNAGADH**

REFERENCE SHEET

BUILDING WORK

Sr. No.	Description of Item	Vol . No.	Page No.	Specification Item no.	Paragraph No.	Remark
1	Excavation for foundation in loose or soft soil upto 1.5 mt depth incld.	I	21	4.0.0(A)	1.0 to 6.2	
2	Excavation for foundation upto 1.5 m depth including sorting out and stacking	I	22	4.0.0.(B)	1.0 to 3.2	
3	Excavation for foundation in soft rock not requiring blasting up to 1.50 mt to 3.00 mt depth incld. etc complete	I	21	4.0.0(D)	1.0 to 6.2	
4	Providing & laying Ordinary Cement, Concrete 1:3:6 for R.C.C. mass concrete etc comp	I	38	5.3.3(A)	1.0 to 3.2	
5	Providing & laying Ordinary Cement, Concrete 1:2:4(1 cement 2 coarse sand 4 graded stone agg. of 20mm nominal size B.T. kapchi) for R.C.C. Flooring etc.	I	35 54	5.4.1(A) 9.1(A)	1.0 to 4.3 1.0 to 2.7.1	
6	Providing and filling with available excavated earth (excluding rocks) in trench plinth sides of foundation etc complete	I	27	4.12	1.0 to 2.2	
7	Providing, laying & constructing in true line & level Brickwork using common burnt clay building in Foundation and plinth	I	44	6.13(A)	1.0 to 3.2	in Foundation and plinth
8	Providing and laying cement concrete 1:1.5:3 mix for foundation footing base of column etc complete	I	35	5.4.1(A)	1.0 to 2.2	Read 1:1.5:3 instead of 1:2:4
9	Providing , laying & casting ordinary cement concrete 1:1.5:3 mix for R.C.C. Coping etc	I	35 54	5.4.1(A) 9.1(A)	1.0 to 4.3 1.0 to 2.7.1	Read 1:1.5:3 instead of 1:2:4
10	Providing , laying & casting ordinary cement concrete	I	35 54	5.4.1(A) 9.1(A)	1.0 to 4.3 1.0 to 2.7.1	Read 1:1.5:3

	1:1.5:3 mix for R.C.C Ground Beam / Plinth Beam etc					instead of 1:2:4
11	Providing, laying and casting ordinary cement concrete 1:1.5:3 mix for R.C.C. column.... For G.F.	I	41	5.0.6(B) (ii)	1.0 to 2.2	Read 1:1.5:3 instead of 1:2:4
12	Providing, laying & casting in true line & Level cement concrete 1:1.5:3 mix for R.C.C. Beam etc complete For G.F.	I	41	5.0.6(A)	1.0 to 2.2	Read 1:1.5:3 instead of 1:2:4
13	Providing and laying ordinary cement concrete 1:1.5:3 mix for R.C.C Lintel etc complete For G.F.	I	41	5.0.5	1.0 to 2.2	Read 1:1.5:3 instead of 1:2:4
14	Providing and laying ordinary cement concrete 1:1.5:3 mix for R.C.C Slab etc complete For G.F.	I	40	5.4.11	1.0 to 2.2	Read 1:1.5:3 instead of 1:2:4
15	Providing & Laying Ordinary Cement, Concrete 1:1.5:3 mix for R.C.C. chajjas etc. complete For G.F.	I	36	5.4.4	1.0 to 2.2	Read 1:1.5:3 instead of 1:2:4
16	Providing and laying twisted T.M.T. bar reinforcement for R.C.C work etc. complete	I	37	5.4.11	1.0 to 3.2	Read TMT bars instead of HYSD.
17	Brick work using common burnt clay building bricks for foundation and plinth C:C 1:6 Conventional briks.					
A	For Ground floor	I	44	6.13 (B)	1.0 to 3.2	
B	For First floor	I	44	6.13 (B)	1.0 to 3.2	
18	Providing and applying 15mm thick smooth cement plaster in single coat on brick/ concrete wall etc complete. For G.F.	I	105 106	17.58(ii) 17.69	1.0 to 2.2 1.0 to 1.4	Read 15mm. Thick instead of 10mm.
19	Providing and applying 10mm thick smooth cement plaster in single coat on brick/concrete wall etc complete. For G.F.	I	105 106 107	17.58(ii) 17.69 17.91	1.0 to 2.2 1.0 to 1.4 1.0 to 1.2	
20	Providing & applying 20mm thick sand face cement plaster on walls surface etc. complete	I	107	17.95	1.0 to 3.4	
21	Providing & Applying Finishing wall with weather	I	120	18.57	1.0 TO 3.2	

	proof exterior emulsion paint on wall surface etc. complete					
22	Providing & Applying acrylic oil bound washable distemper (two coats) of approved brand of required shade on wall/Celling .	I	116	18.44	1.0 to 3.8	
23	Providing laying &fixing 25mm thick polished kotha stone slab flooring etc complete	I	86	14.43(A)	1.0 To 3.2	
24	Providing and laying and fixing 25mm average thickness double Polished Kotah stone shelves etc. comp	II		Attached		
25	Providing & laying 18 mm thick Granite Stone flooring for platform	I	90	14.93	1.0 TO 2.2	
26	Providing and laying and fixing Mirror polished Granite stone Sill E.I.C.	II		Attached		
27	Providing and fixing 30mm thick flush door shutter with Pre-stress R.C.C. frame etc. Com.	II		Attached		
28	Providing and Fixing $\frac{3}{4}$ Jindal aluminum color anodize 2, track sliding window 2 track frame 31.75x61.85, bottom 20956 (weight kg/m 0.621) 2 track (40mm Two track Window)	II		Attached		
29	Providing and fixing M.S. Plan grill with M.S. Bright Bar flats, square bar, round bar, etc.	I	66 121 122	10.100(A) 19.2 9.7	1.0 to 3.2 1.0to 2.2.5 1.0to 2.2.4	Use in M.S. Bright Bar
30	Providing and Laying china mosaic tile water proofing treatment including (A) applying neat cement slurry 2.75 Kg/sqmt or cement admixed with waterproofing compound	II		Attached		

**Executive Engineer
J.A.U. JUNAGADH**