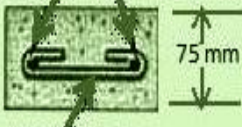


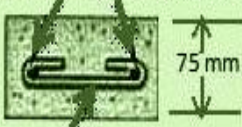


ZONE III

	MAXIMUM HEIGHT	MORTAR MIX	BANDS	VERTICAL REINFORCEMENT	DIAMETER OF VERTICAL REINFORCEMENT	MORTAR MIX FOR BAND / VERTICAL REINFORCEMENT	BRACING OF PITCHED ROOF
Building with Strip Foundation on Rock/ Hard Soil/Medium soil	Four Storey (Less than 15 m)	1:6 Cement-Sand or 1:2:9 Cement-Lime-Sand	1. Lintel Band 2. Roof Band/ Gable Band 3. Plinth Band	Not Required	Not Required	1:3 Cement-Sand or M 15 Concrete	Bracing at Tie Level
Building with Strip Foundation on Soft soil	Four Storey (Less than 15 m)	1:6 Cement-Sand or 1:2:9 Cement-Lime-Sand	1. Lintel Band 2. Roof Band/ Gable Band 3. Plinth Band	Not Required	Single Bar of 12mm (TMT/TOR) or 16mm (MS)	1:3 Cement-Sand or M 15 Concrete	Bracing at Tie Level

Details of Horizontal Bands in Masonry Building (Buildings with Strip foundation on Rock/Hard Soil/Medium Soil/Soft Soil)

Zone	Span of Wall			
	5m or less	6m	7m	8m
	<p>2#8 (TMT/TOR) or 2 Ø 10 MS</p>  <p>#6 @ 150 c/c</p>	<p>2#8 (TMT/TOR) or 2 Ø 10 MS</p>  <p>#6 @ 150 c/c</p>	<p>2#8 (TMT/TOR) or 2 Ø 10 MS</p>  <p>#6 @ 150 c/c</p>	<p>2#8 (TMT/TOR) or 2 Ø 12 MS</p>  <p>#6 @ 150 c/c</p>

Z Factor : 0.16

DISTRICTS LYING IN EARTHQUAKE HAZARD ZONE III (based on the Vulnerability Atlas of India – 2nd Edition, BMTPC)

ANDAMAN & NICOBAR ISLANDS	
ANDHRA PRADESH	Adilabad, Cuddapah, Karimnagar, Khammam, Warangal, East-Godavari, Guntur, Krishna, Nellore, Prakasam, West Godavari, Chittoor (12)
ARUNACHAL PRADESH	
ASSAM	
BIHAR	Buxar, Aurangabad, Kaimur, Rohtas, Gaya (5)
CHANDIGARH	
CHATTISGARH	Raigarh, Bilaspur, Korba, Koniya, Sarguja (5)
DADRA AND NAGAR HAVELI	Dadra & Nagar-Haveli (1)
DAMAN & DIU	Daman, Diu (2)
DELHI	
GOA	North-Goa, South-Goa (2)
GUJARAT	Sabar-Kantha, Anand, Bharuch, Kheda, Navsari, Surat, Vadodara, Valsad, Gandhinagar, Narmada, Panch-Mahals, The-Dangs, Dohad, Amreli, Bhavnagar, Junagadh, Porbandar, Mahesana, Surendranagar, Ahmadabad (20)
HARYANA	Fatehabad, Hisar, Jind, Kaithal, (4)
HIMACHAL PRADESH	
JAMMU & KASHMIR	
JHARKHAND	Bokaro, Deoghar, Dhanbad, Dumka, Pakaur, Chatra, Garhwa, Giridih, Hazaribagh, Kodarma, Palamu (11)
KARNATAKA	Bagalkot, Belgaum, Bijapur, Chikmagalur, Chamarajanagar, Dakshina-Kannada, Kodagu, Shimoga, Mysore, Udupi, Uttar-Kannada (11)
KERALA	Alappuzha, Ernakulam, Idukki, Kannur, Kasaragod, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Thiruvananthapuram, Thrissur, Pathanamthitta, Wayanad (14)
LAKSHADWEEP	Lakshadweep (1)
MADHYA PRADESH	Damoh, Dewas, Dhar, Indore, Jhabua, Barwani, Betul, Chhindwara, Dindori, East-Nimar-(KHANDWA), Harda, Hoshangabad, Jabalpur, Katni, Mandla, Narsimhapur, Raisen, Sagar, Sehore, Seoni, Shahdol, Sidhi, Umaria, West-Nimar (KHARGONE) (24)
MAHARASHTRA	Chandrapur, Gadchiroli, Mumbai, Mumbai-(Suburban), Thane, Yavatmal, Ahmadnagar, Akola, Amravati, Aurangabad, Bid, Buldana, Dhule, Jalgaon, Latur, Nandurbar, Nashik, Osmanabad, Sindhudurg, Solapur (20)
MANIPUR	

MEGHALAYA	
MIZORAM	
NAGALAND	
ORISSA	Anugul, Baleshwar, Bargarh, Debagarh, Jharsuguda, Sambalpur, Sundargarh, Bhadrak, Cuttack, Jagatsinghapur, Jajpur, Kendrapara, Khordha, Puri, Dhenkanal, Mayurbhanj (16)
PONDICHERY	Mahe, Yanam (2)
PUNJAB	Bathinda, Faridkot, Firozpur, Mansa, Muktsar, Sangrur (6)
RAJASTHAN	Bikaner, Dausa, Ganganagar, Jaipur, Jaisalmer, Jodhpur, Sikar, Udaipur, Dungarpur, Sirohi (10)
SIKKIM	
TAMILNADU	Coimbatore, Dharmapuri, Erode, Namakkal, Salem, Kanniyakumari, The-Nilgiris, Theni, Tirunelveli, Vellore, Chennai, Kancheepuram, Thiruvallur, Dindigul, Villuppuram, Tiruvannamalai (16)
TRIPURA	
UTTAR PRADESH	Agra, Allahabad, Ambedkar-Nagar, Auraiya, Azamgarh, Barabanki, Chandauli, Etawah, Faizabad, Farrukhabad, Fatehpur, Firozabad, Ghazipur, Hardoi, Jaunpur, Kannauj, Kanpur-Dehat, Kanpur-Nagar, Lucknow, Mainpuri, Mau, Mirzapur, Pratapgarh, Rae-Bareli, Sant-Ravidas-Nagar, Sultanpur, Unnao, Varanasi, Sonbhadra; Sitapur (30)
UTTARANCHAL	
WEST BENGAL	Birbhum, Murshidabad, Puruliya, Bardhaman, Haora, Hugli, Kolkata, Medinipur, Nadia, Bankura (10)
Total	222