

APPENDIX-VIII: PHYSICAL INFRASTRUCTURE SURVEY FORMAT

| Sl. No | Physical Feature Name | Data Type | | | Z Value (Z measurement level) | | | Description |
|------------------------------|----------------------------|--|------|---------|-------------------------------|-----------------|--------------|----------------------|
| | | Point | Line | Polygon | On Top | On Ground/Level | Not Required | |
| 1A. Water Bodies | | | | | | | | |
| 1 | 1. River Edge | | | X | | X | | |
| 2 | 2. Khal Edge | | | X | | X | | |
| 3 | 3. Drainage Channels | | | X | | X | | Name, width |
| 4 | 4. River/khal centreline | | X | | | X | | Name, width |
| 5 | 5. Flow direction | X | | | | | X | |
| 6 | 6.onds/Tanks/Dishes | | | X | | X | | |
| 7 | 7. Coastline | | X | | | X | | |
| B. Building/Structure | | Pucca/Semi pucca/stories, Building area>1.5 sqm (Depending on map Scale) | | | | | | |
| 8 | 1. House | | | X | X | | | Residential Building |
| 9 | 2. Industry | | | X | X | | | Industrial Building |
| 10 | 3. Commercial | | | X | X | | | Commercial Building |
| n | 4. Mixed | | | X | X | | | Mixed Use |
| 12 | 5. Boundary Wall | | X | | X | | | Wall use as boundary |
| C. Roads | | | | | | | | |
| 13 | 1. Road Pucca | | X | X | | X | | Asphalt Road |
| 14 | 2. Road HBB | | X | X | | X | | HBB Road |
| 15 | 3,.Road Katcha | | X | X | | X | | Katcha Road |
| 16 | 4. Path Pucca | | X | X | | X | | Pucca Path |
| 17 | 5. Path Katcha | | X | X | | X | | Katcha Path |
| 18 | 6. Traffic Island/ Divider | | X | X | | X | | |
| 19 | 8. Road/Path Centreline | | X | | | X | | Name, width |
| D. Railways | | | | | | | | |
| 20 | 1. Railway Row Line | | X | | | X | | |
| 21 | 2. Railway centreline | | X | | | X | | |

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| 22 | 3. Railway Junction Points | X | | | | X | | |
| E. Other Structure and Flood works | | | | Length, width, condition of abutments and wing-walls | | | | |
| 23 | 1. Bridge / Culverts | | | X | X | | | Type, area, Name |
| 24 | 2. Embankments | | | X | X | | | Name, length |
| 25 | 3. Pump Station for Flood | | | X | | X | | Name |
| 26 | 4. Sluice Gates | | X | | X | | | Name |
| 27 | 5. Bus/Trucks Terminals | | | X | | X | | Indicate right way and areas |
| 28 | Harbor/ Bathing/boat Jetty | | X | | X | | | Harbor, Boat jetty |
| F. Natural Features | | | | | | | | |
| 29 | 1. Forest | | | X | X | | | Area > 2500 Sqm |
| 30 | 2. Group of trees | | | X | X | | | Area < 2500 Sqm |
| 31 | 3. Group of Trees Point | X | | | X | | | |
| 32 | 4. Wetlands / Bog/ Marshland/ Flood prone area | | | X | | X | | Area > 2500 Sqm |
| 33 | 5. Sand/Sand Dunes | | | X | | X | | Area > 2500 Sqm |
| 34 | Significant Single Tree | X | | | | X | | Easily identified single tree |
| E. Utility Services | | | | | | | | |
| 35 | 1. High voltage Electric Line | | X | | X | | | National/regional grid |
| 36 | 2. Telephone Line | | X | | X | | | |
| 37 | 3. Gas Line | | X | | | X | | |
| 38 | 4. Utility Substation | X | | | | X | | Electric, Telephone exchange, Gas |
| 39 | 5. Overhead Water Tank | | | X | X | | | Name, Capacity |
| 40 | 4. Waste disposal and treatment points | X | | | | X | | A dustbin of municipality and other informal points |
| 41 | 3. Water work | | | X | | X | | |
| 42 | 5. Deep Tube well Stations | X | | | | X | | R.C.C EPHE and other deep tube well stations and output |
| F. Area Polygon | | | | | | | | |
| 43 | Residential Area | | | X | | X | | Planned, Unplanned, Density (High, Middle, Low) |
| 44 | Commercial Area | | | X | | X | | Established markets with ancillary shop, groups of shops including small |

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|----|---|--|--|---|--|---|--|
| | | | | | | | workshops |
| 45 | Institutional, Educational, Health Govt. office | | | X | | X | School/college/ madrasa, clinics, hospital, govt. office |
| 46 | Industrial (as classified by acts and rules) | | | X | | X | Main activity, type of waste effluent |
| 47 | Agricultural Area | | | X | | X | All types of agricultural uses |
| 48 | Recreation / sports | | | X | | X | Parks/play/sports ground, indoor facilities, zoological garden. Stadium area |
| 49 | Religious / cemetery | | | X | | X | Mosques, Temples, Church, Mazar and others |
| 49 | Graveyard. Cemetery | | | X | | X | Sites |
| 51 | Historic Place | | | X | | X | Sites |
| 52 | Borrow Pits | | | X | | X | Areas cut for filling material |
| 53 | Vacant Land | | | X | | X | Vacant land with no apparent use |
| 54 | Public gathering | | | X | | X | Place of public meeting, open-air cultural performance and religious gathering |
| 55 | Garden | | | X | | X | Indication Rea, pineapple etc. |
| 56 | Disaster prone areas | | | X | | X | Flood, (indicating the flood affected area in 1998) Earthquake and fault line |