

**DEVELOPMENT PLAN FOR  
TRINCOMALEE METRO URBAN  
DEVELOPMENT AREA**

**VOLUME ONE  
Part II**

**URBAN DEVELOPMENT AUTHORITY**



**Ministry of Urban Development and Water Supply  
7<sup>th</sup> Floor,  
“Sethsiripaya”  
Battaramulla.**

**VOLUME ONE**  
**PART TWO**  
**ZONING PLAN**

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## **6.0 PROPOSED ZONING PLAN – 2030, TRINCOMALEE METRO URBAN DEVELOPMENT AREA**

On the basis of the analysis of the existing land use pattern and the future requirement of land for various development activities proposed within the area the future land use pattern is defined accordingly. The following table indicates the proposed land use pattern by the year 2030:

**Table 6.1: Proposed Land Use Pattern – 2030 Trincomalee Metro Urban Development Area**

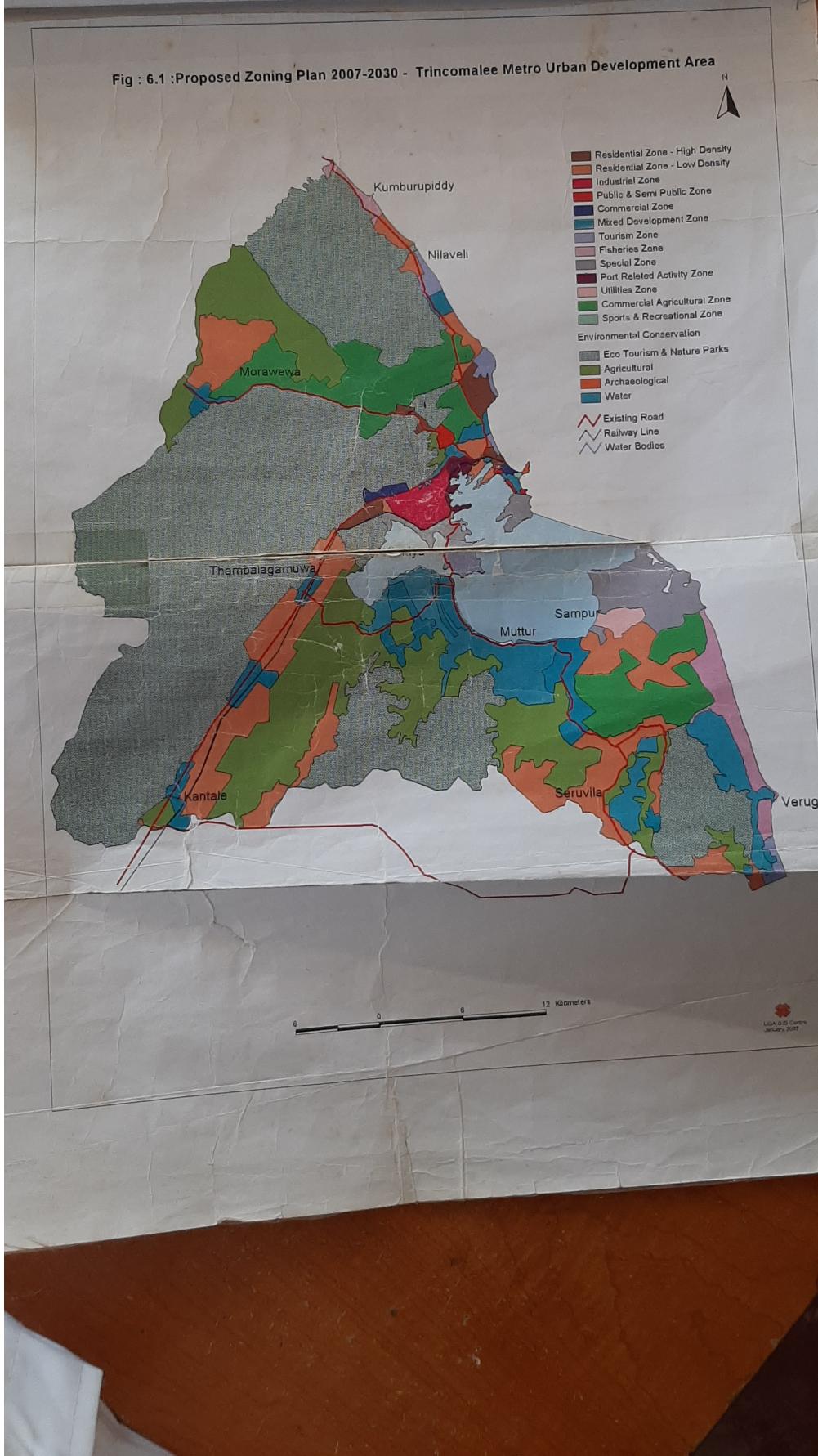
| LAND USES                              | TOTAL LAND AREA (ha) | PERCENTAGE OF TOTAL (%) | PERCENTAGE TO DEVELOPED AREA |
|--|----------------------|-------------------------|------------------------------|
| Corporate area                         | 136,250.0            | 100.0                   |                              |
| Developable area                       |                      | 32.0                    | 100.0                        |
| Primary Residential                    | 15,390.0             | 11.3                    | 35.7                         |
| Mixed Residential                      | 4,491.0              | 3.3                     | 10.4                         |
| Commercial                             | 254.0                | .2                      | 6.2                          |
| Industrial                             | 1,602.0              | 1.4                     | 3.7                          |
| Public and semi public                 | 203.0                | 0.2                     | 0.5                          |
| Parks and playground (Recreation area) | 1,338.0              | 1.1                     | 3.1                          |
| Port Related                           | 318.0                | 0.2                     | 0.7                          |
| Fisheries                              | 1,825.0              | 1.4                     | 4.2                          |
| Commercial Agriculture                 | 14,422.0             | 10.6                    | 33.5                         |
| Special Use                            | 3,408.0              | 2.5                     | 7.9                          |
| Conservation                           | 93,163.0             | 68.0                    |                              |

### **6.1 Proposed Zoning Scheme for Trincomalee Metro Urban Centre**

All sites and premises that have not be designated for a specific use shall be submit of one of the following use zones or any other use zone (Fig 6.1).

1. Residential Zone (Low Density)
2. Residential Zone (High Density)
3. Commercial Zone
4. Mixed Development Zone
5. Public and Semi-public Zone
6. Sports & Recreational Zone
7. Port Related Activity Zone

Fig : 6.1 :Proposed Zoning Plan 2007-2030 - Trincomalee Metro Urban Development Area



8. Environmental Conservation Zone
  - 8.1 -Agriculture
  - 8.2 -Eco-Tourism & Nature Parks
  - 8.3 -Water Bodies, Tanks, Lagoons, Canal
  - 8.4 -Archaeological Conservation
9. Industrial Zone
10. Fisheries Zone
11. Tourism Zone
12. Utilities Zone
13. Commercial Agriculture Zone
14. Special Zone

Zoning Plans for each local authority areas are given in Fig 6.2 to 6.11.

## 7.0 ZONING REGULATIONS

### 7.1 Residential Zone – (Low Density)

Following uses may be permitted within a Residential Zone – (Low density) without affecting the neighbouring premises in terms of noise, vehicular congestion etc.)

- i. Residential Buildings
- ii. Day care centres and pre-school education
- iii. Small industrial units with a floor area of not exceeding 50 sq. meters, using machinery not exceeding 3 horse power, and employing less than 10 persons
- iv. Fuel Filling Stations
- v. Community centres
- vi. Clinics not exceeding 100 sq. meters floor area in extent
- vii. Places of Religious worship
- viii. Professional Offices not exceeding 100 sq. meters floor area in extent
- ix. Plant nurseries →
- x. Reading rooms
- xi. Small retail shops and communication centres (not exceeding 50 sq. meters)
- xii. Hostels
- xiii. Parks and play grounds
- xiv. Indoor stadiums
- xv. Tuition classes not exceeding 250 sq. meters floor area and not exceeding 50 students

All activities prescribed above should provide the required car parking facilities within their premises.

Fig : 6.2 : Proposed Zoning Plan - Trincomalee Urban Council

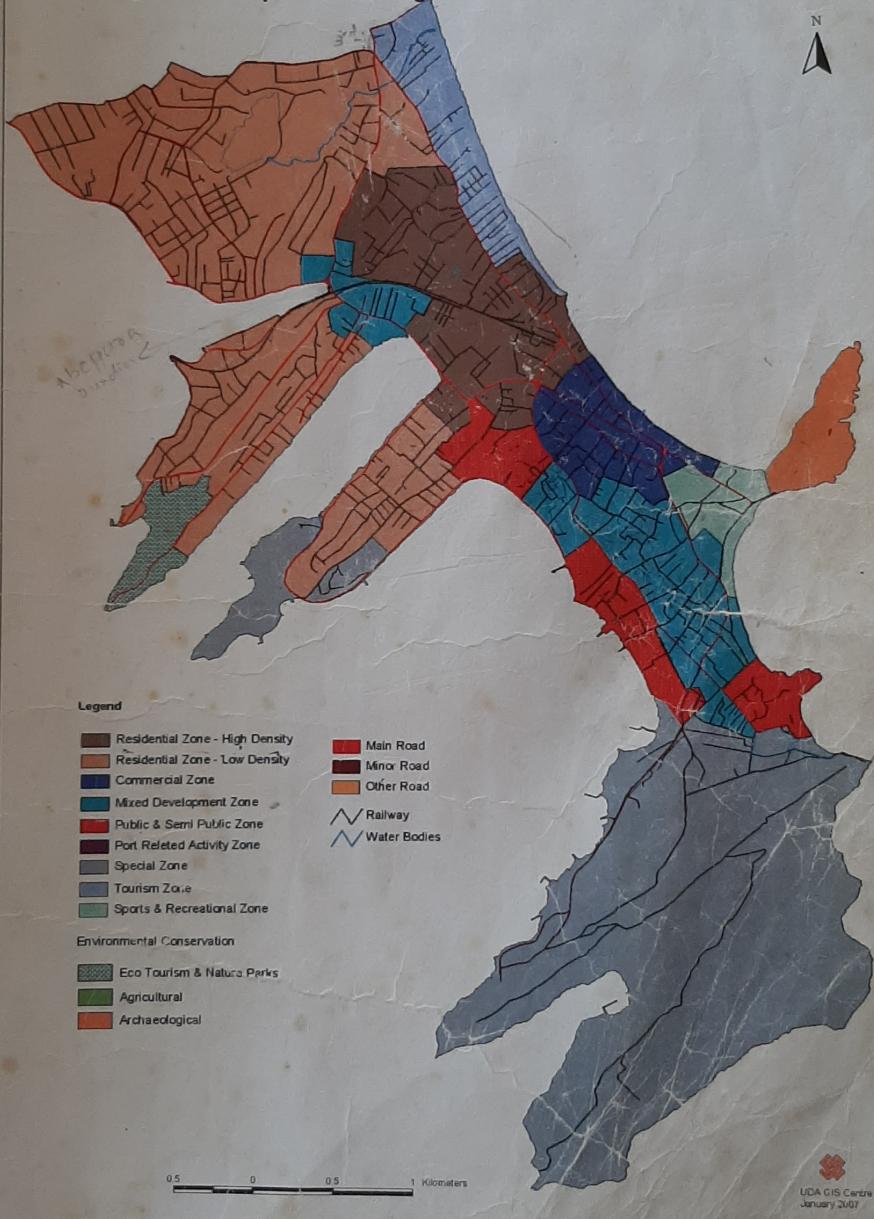


Fig : 6.3 : Proposed Zoning Plan - Town & Gravet DS Division

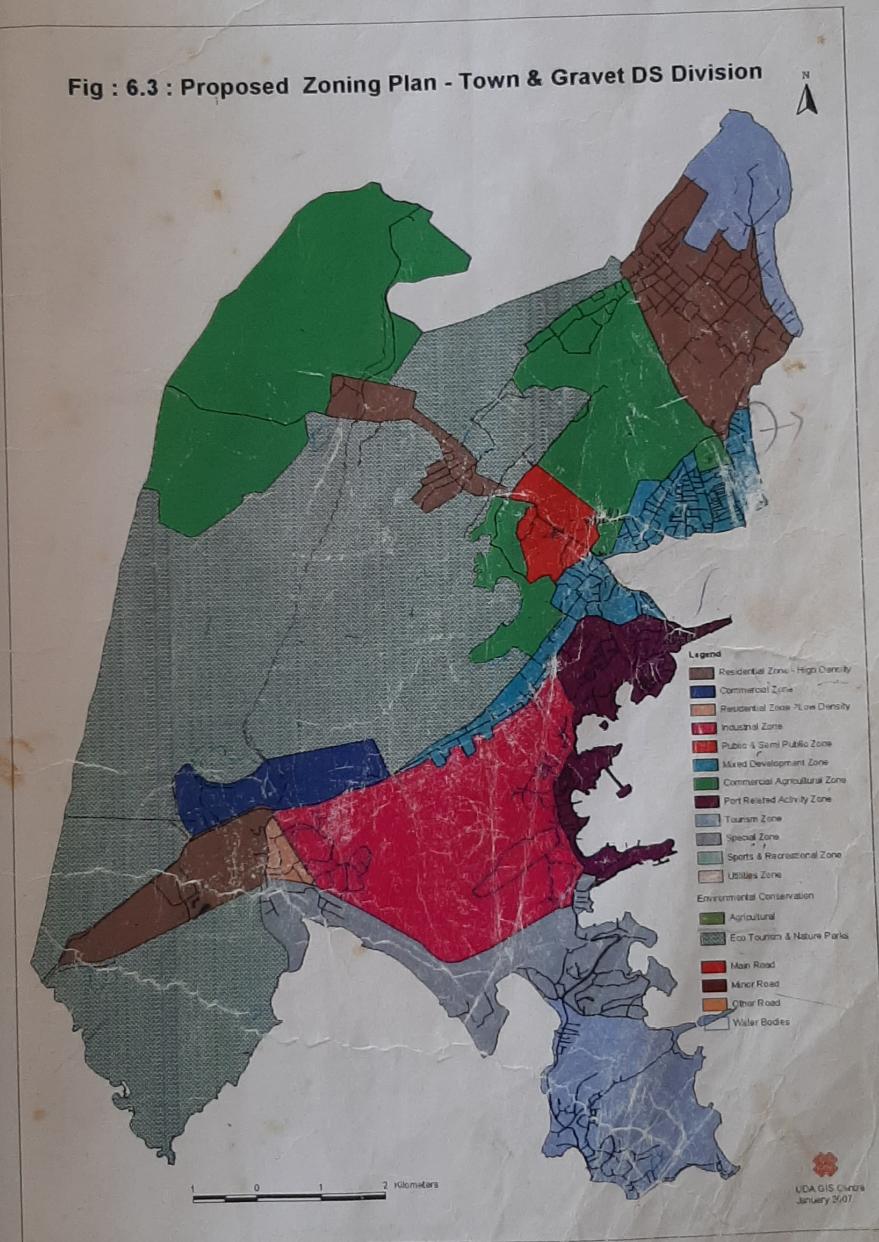
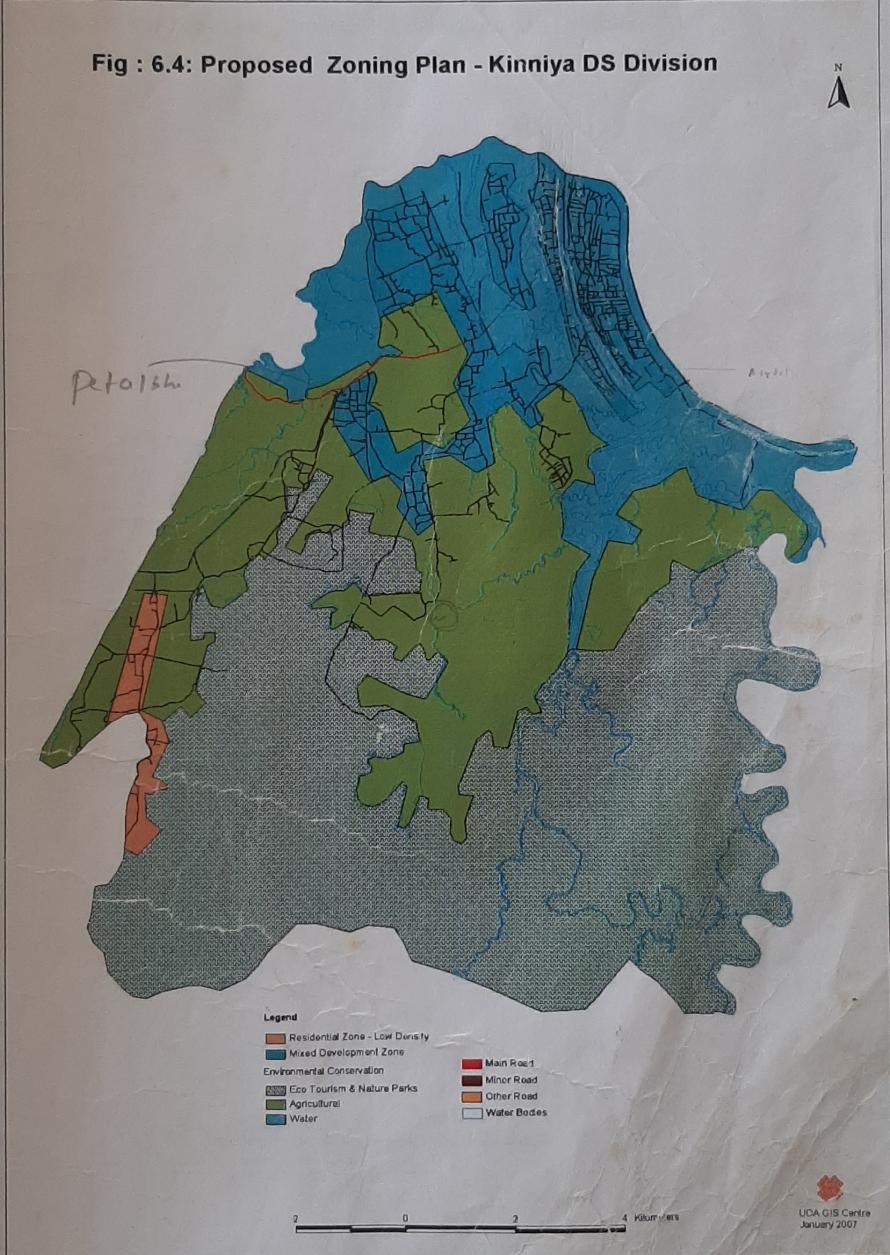


Fig : 6.4: Proposed Zoning Plan - Kinniya DS Division



**Fig : 6.5: Proposed Zoning Plan - Muttur DS Division**

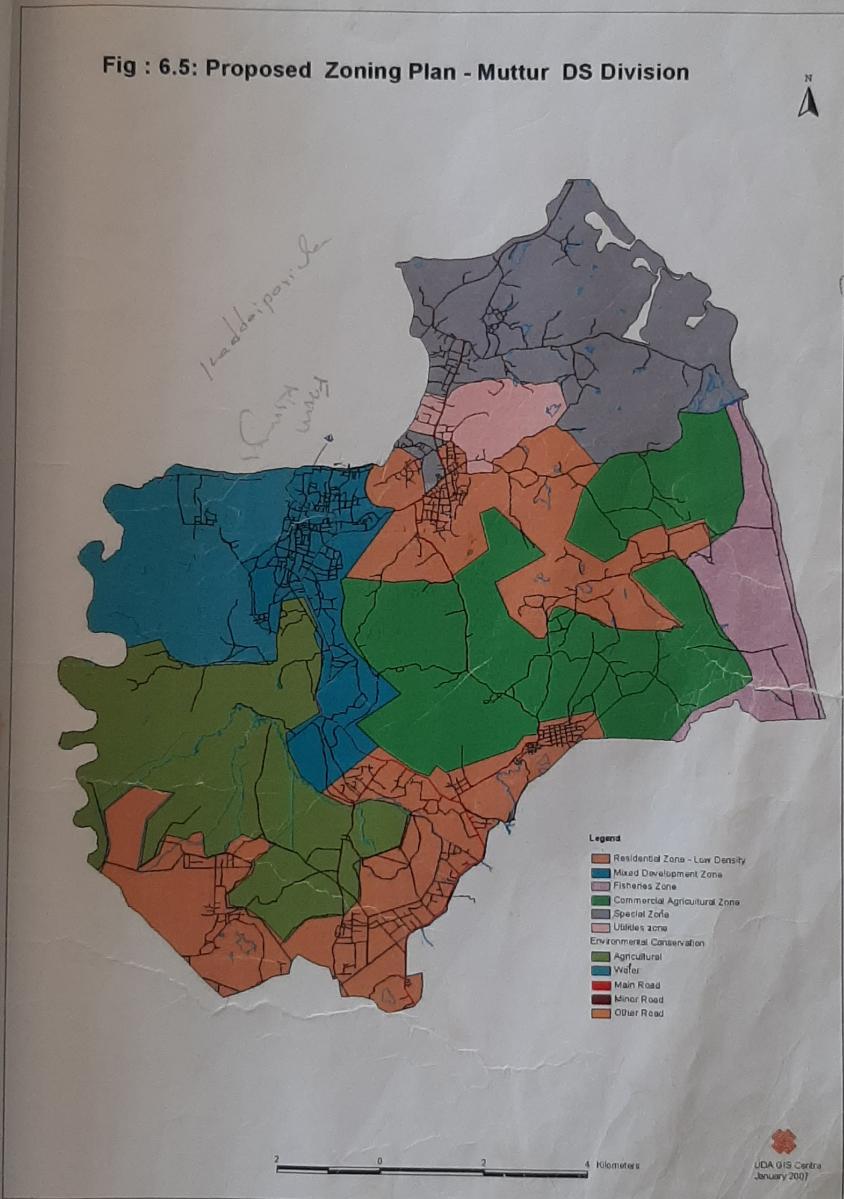


Fig : 6.6: Proposed Zoning Plan - Thambalagamuwa DS Division

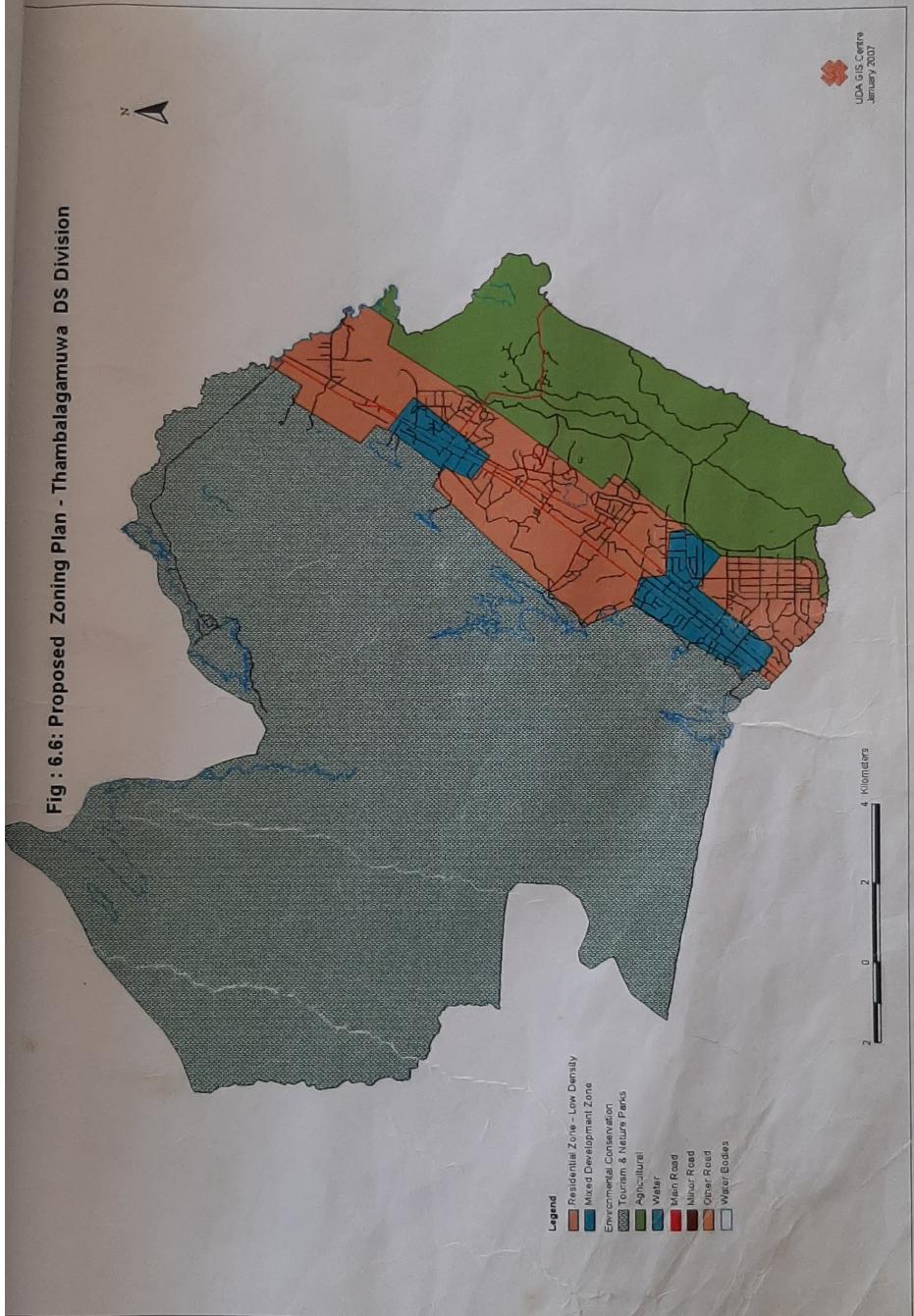
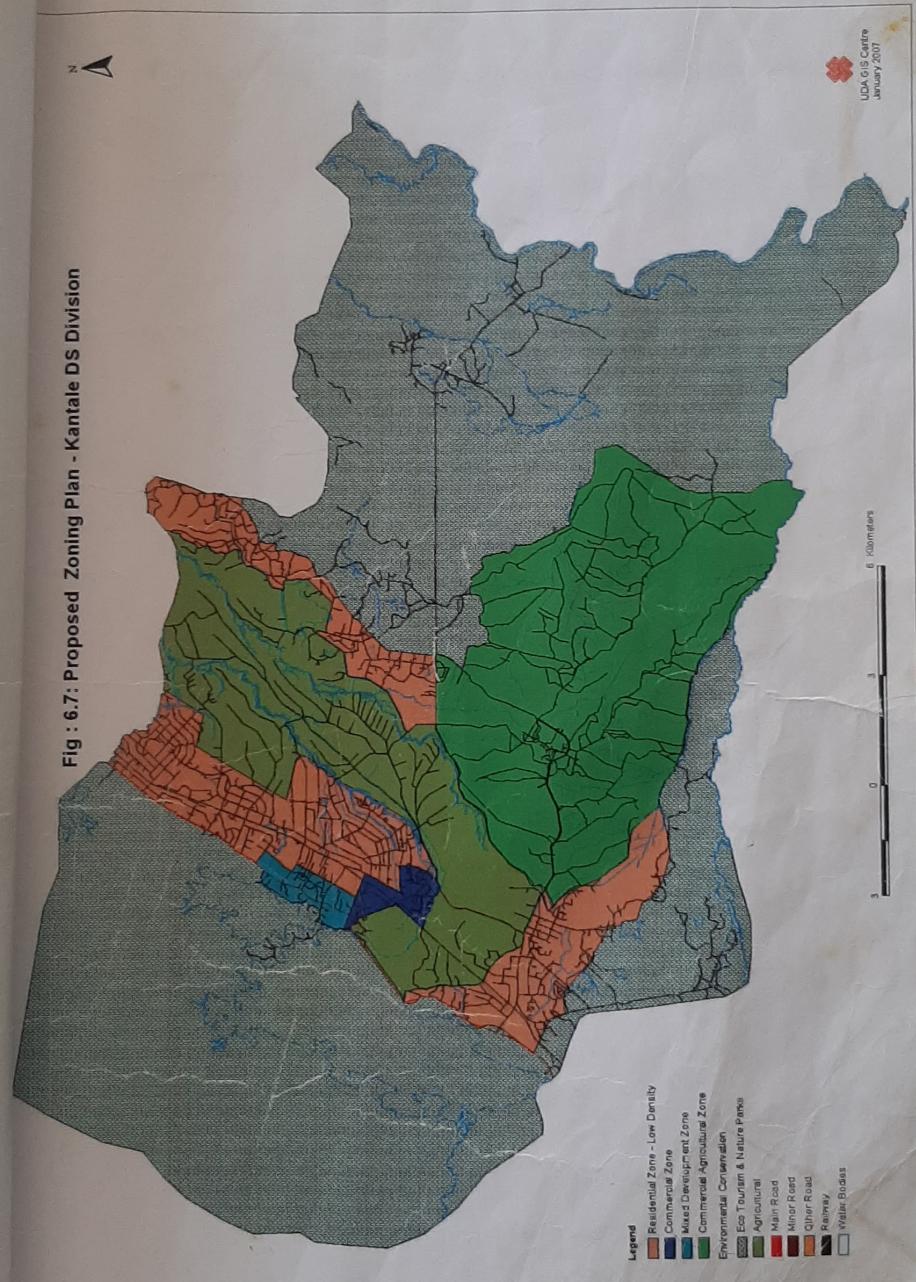


Fig : 6.7: Proposed Zoning Plan - Kantale DS Division



**Fig : 6.8 : Proposed Zoning Plan - Kuchchaweli DS Division**

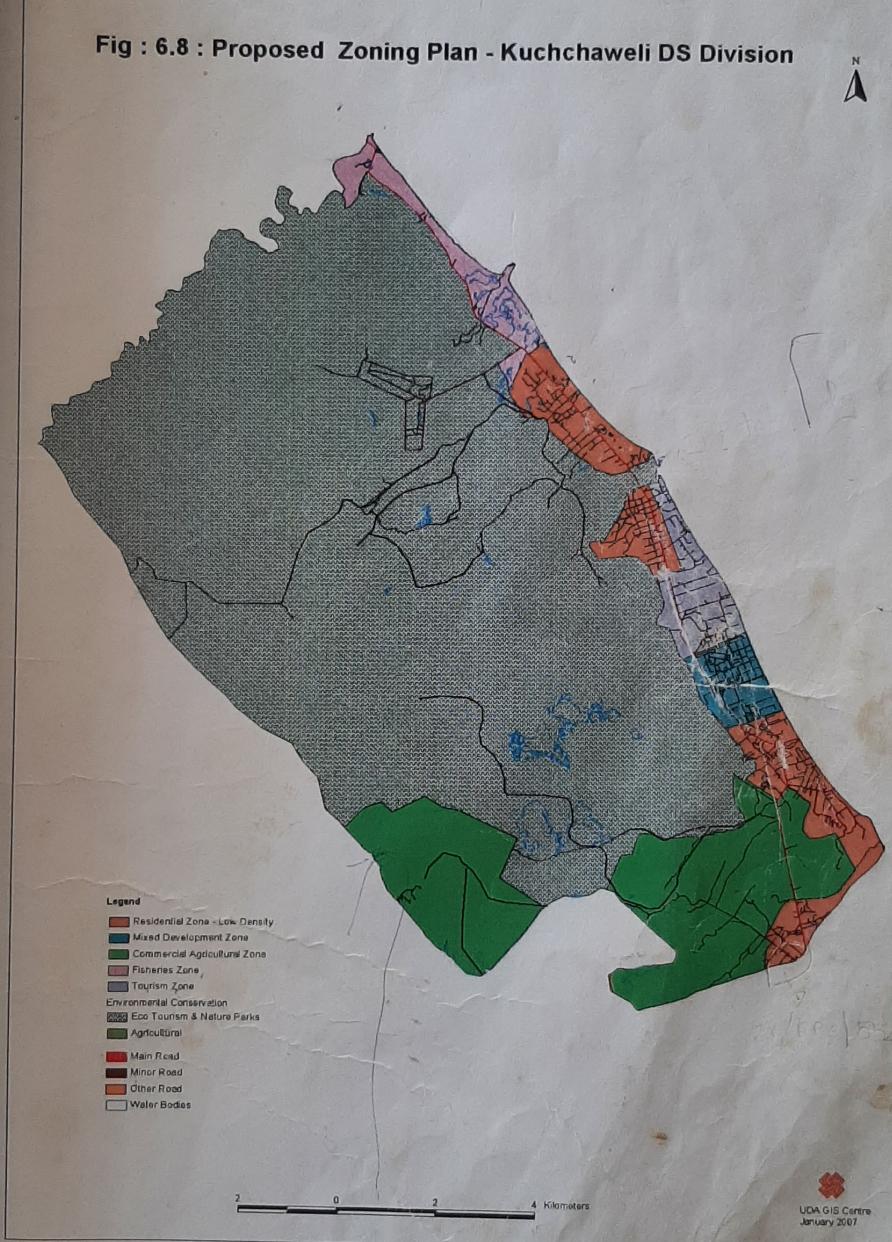


Fig : 6.9: Proposed Zoning Plan - Seruvila DS Division

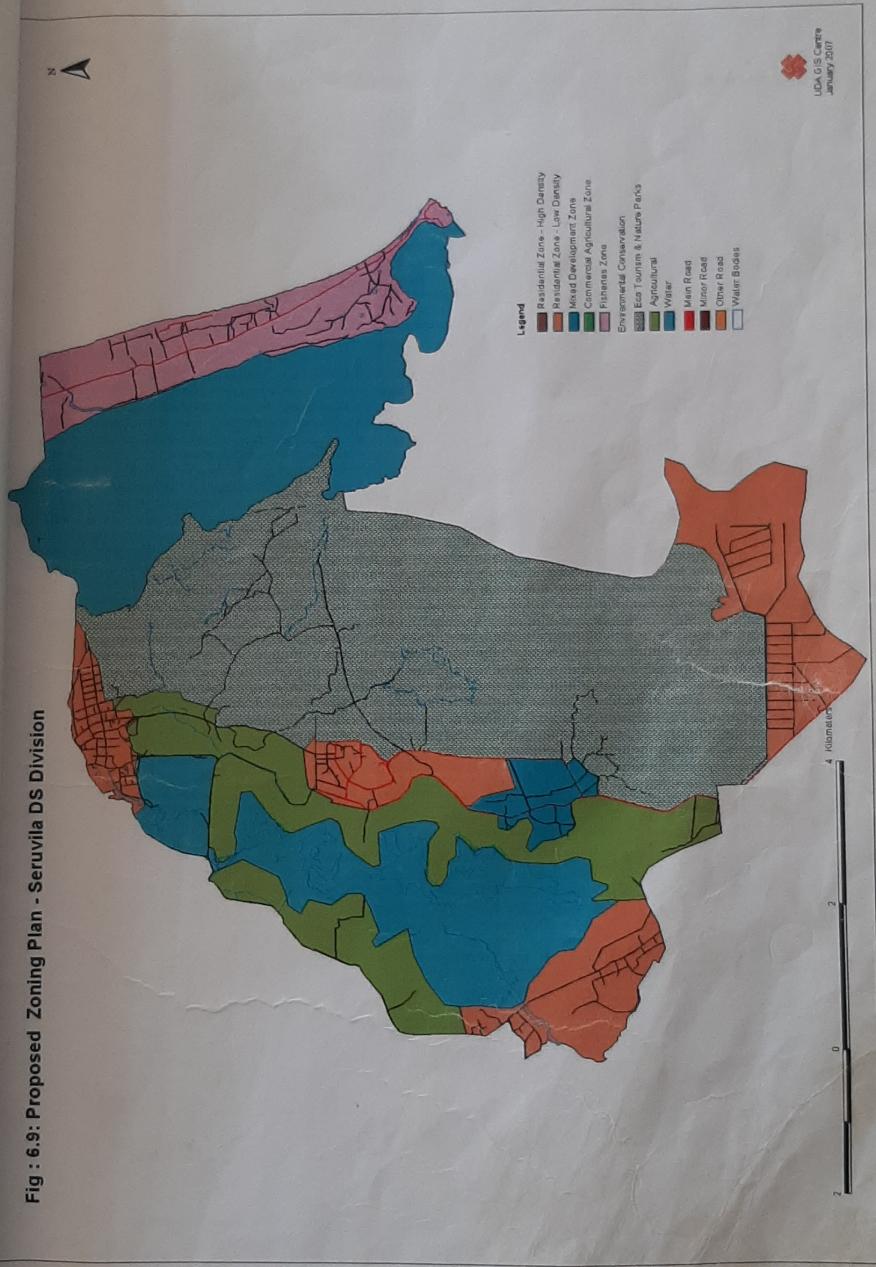
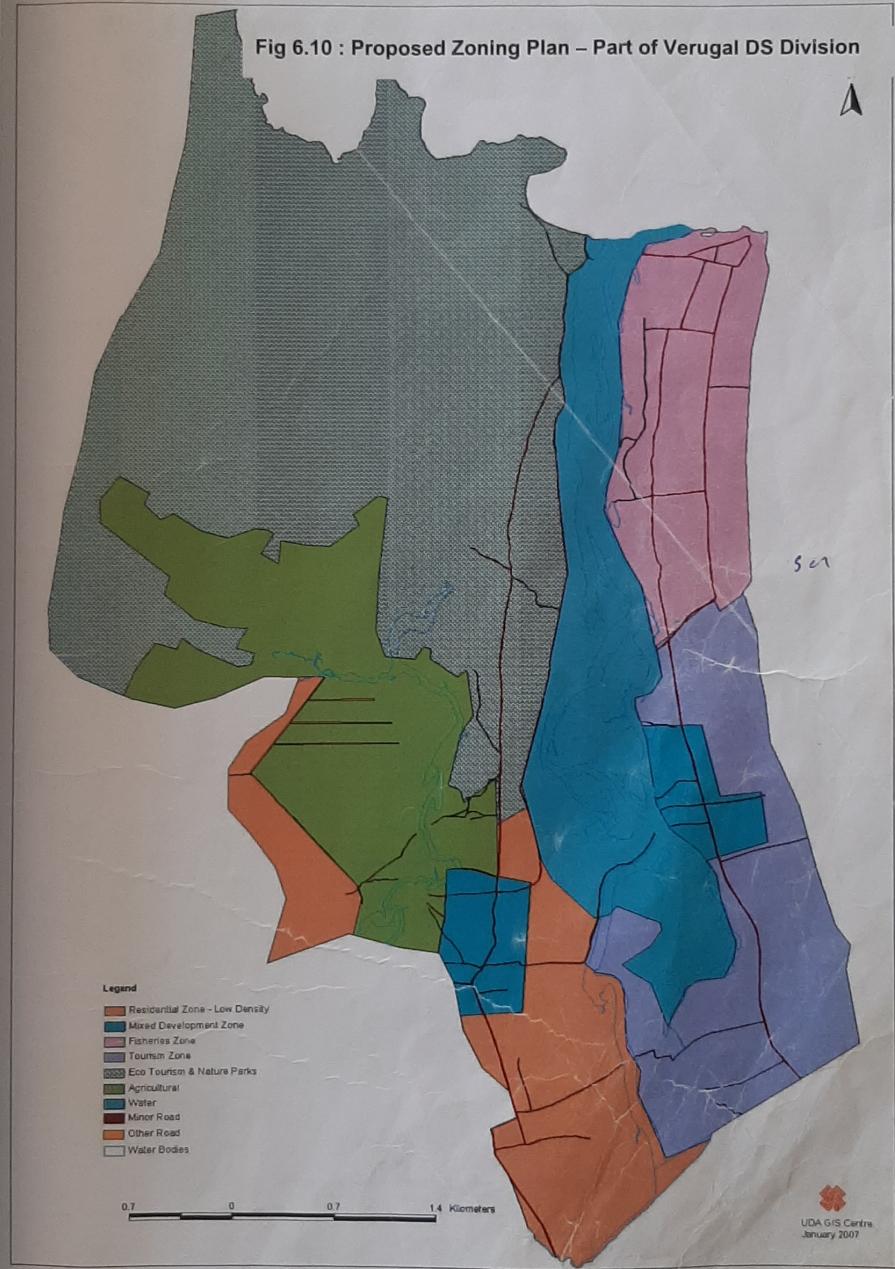


Fig 6.10 : Proposed Zoning Plan – Part of Verugal DS Division



**Fig : 6.11 : Proposed Zoning Plan - Morawewa DS Division**

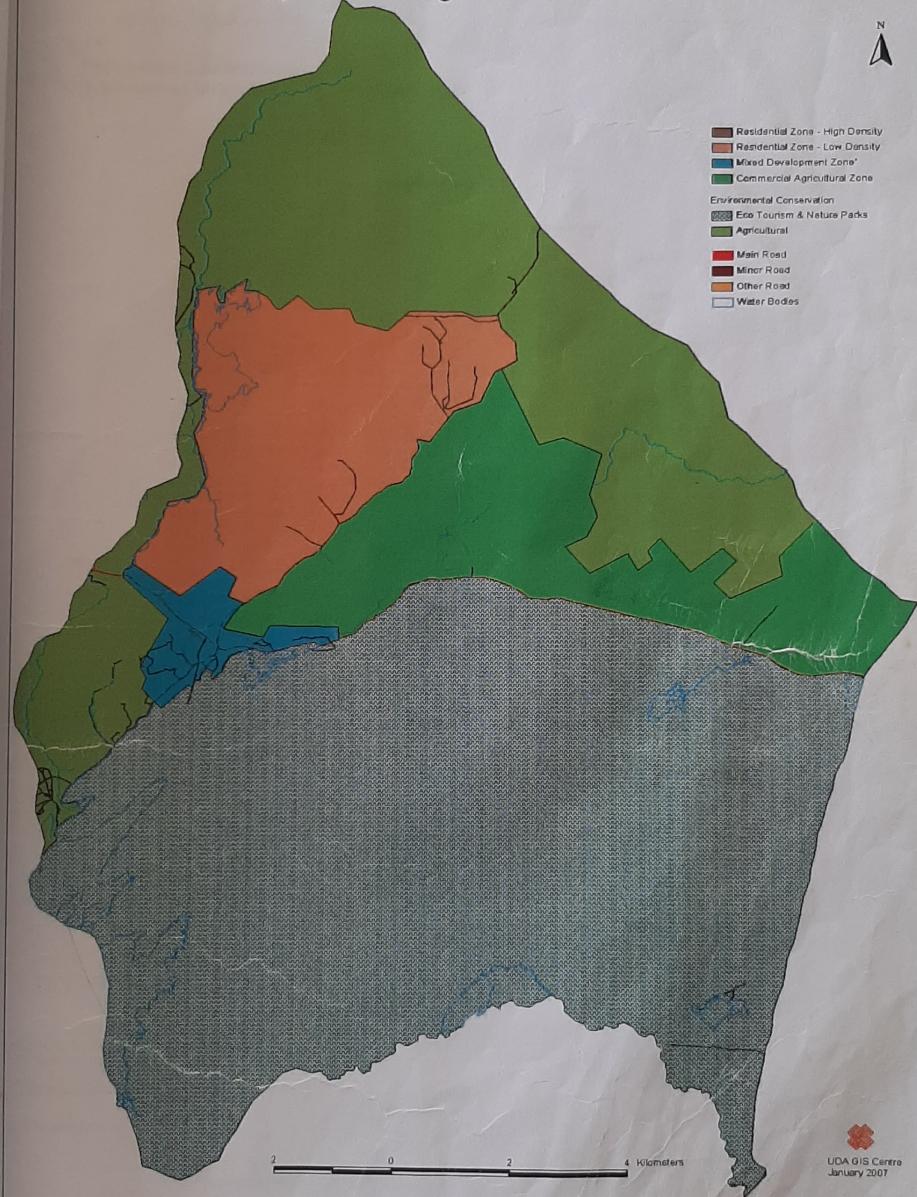
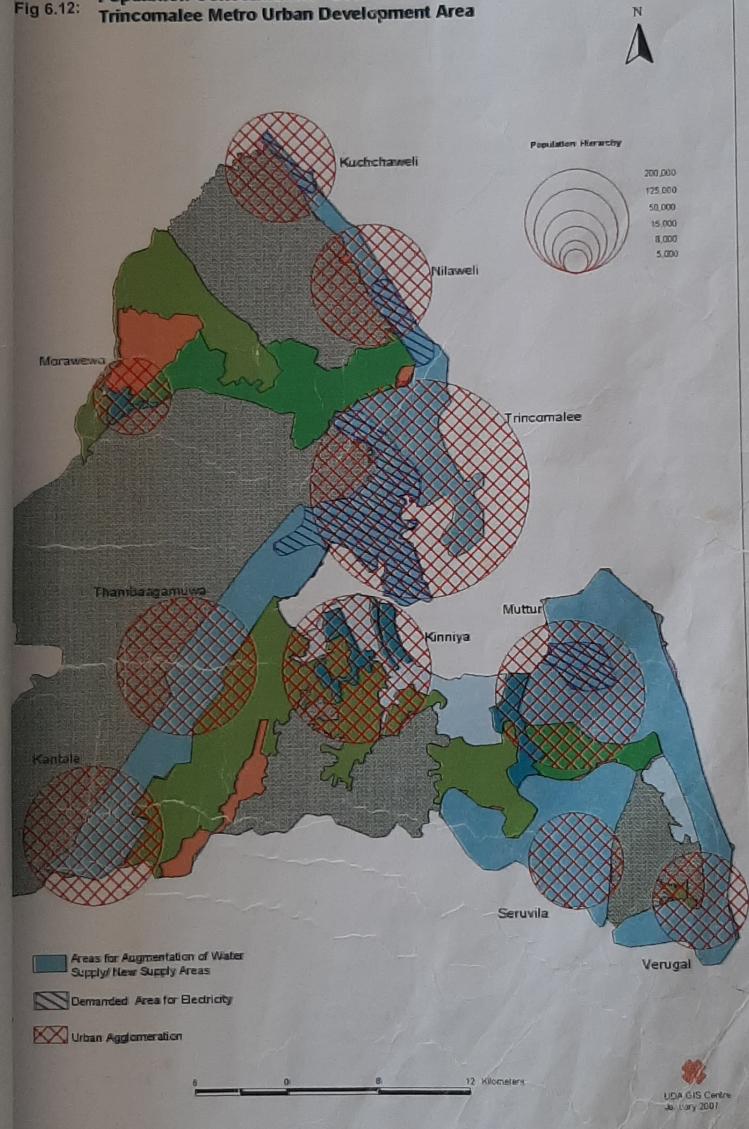


Fig 6.12: Population Concentration - 2030  
Trincomalee Metro Urban Development Area



#### 7.2

#### Residential Zone – (High Density)

Following uses may be permitted in a high density zone:-

- i. Apartment Complexes ✓
- ii. Group Housing ✓
- iii. Expatriate Housing Colony. ✓
- iv. Quarters for Government Officers ✓
- v. Quarters for Industry staff ✓

The Authority may enforce restrictions and conditions to prevent or minimize environmental pollution caused by the high density development and measures to prevent fire hazards, environmental pollutions etc.

All uses prescribed above from i to iv shall provide the required vehicle parking facilities within their own premises.

#### 7.3

#### Commercial Zone

In addition to all uses permitted in a Residential Zone – (High Density), following uses shall be permitted:-

- i. Commercial establishments, shops, show rooms, markets and super markets
- ii. Hotels, Guest houses and restaurants,
- iii. Banks and financial institutions
- iv. Tuition classes
- v. Cinema halls, entertainment centres, holiday resorts and clubs,
- vi. Medical centres
- vii. Professional and commercial offices
- viii. Fuel filling and service stations
- ix. Public and semi-public buildings
- x. Festival halls/ Reception halls
- xi. Vehicle parks and parking complexes
- xii. Bus stations

#### 7.4

#### Mixed Development (Residential / Commercial ) Zone

All activities and uses permitted in the Residential Zone and the Commercial Zone

Following uses may be permitted in a mixed residential zone:-

- i. All uses permitted in a primary residential zone.  
Following uses may be permitted provided the site extent is not less than 20 perches:
- ii. Wholesale and retail trade.
- iii. Hotels, restaurants and lodging houses.
- iv. Public buildings

- v. Medical institutions
- vi. Tuition classes, with a floor area not exceeding 500 sq. meters.

#### ✓ 7.5 Public & Semi-Public Zone:

In addition to uses iii, iv, vii, ix and xi which are permitted in the Commercial Zone, following uses shall be permitted in the Public and Semi public Activity Zone:-

- i. Administrative complexes
- ii. Education and Higher Education centres
- iii. Police and Judicial Service Centres
- iv. Places of public assembly and cultural centres
- v. Health & related services
- vi. Parks, play grounds, holiday and entertainments activities
- vii. Libraries and museums
- viii. Restaurants and retail shops not exceeding a floor area of 100 sq. meters

#### 7.6 Sports and Recreational Zone

##### Permitted Uses:

- a. Parks and Playgrounds
- b. Stadiums and related buildings not exceeding 25% of the total land area of the site
- c. Fairs and exhibition grounds of a temporary nature
- d. Recreational clubs not exceeding more than 75 square metres of having floor area less than 5% of the land area of the site which ever is less.
- e. Aquariums and Zoological Gardens
- f. Hoardings and Advertisements.

##### Prohibited Uses:

- a. All other uses shall be prohibited in this zone.

#### 7.7 Transportation & Circular Zones

No physical development what so ever shall be permitted in this zone except structures required for servicing these facilities by the authorities including:

- transport terminals
- bus stands
- bus stops
- railway stations
- Heavy Vehicle Parks
- Car Parks etc.

### **7.8 Environmental Conservation Zone:**

Development that will be in conformity with the existing wetland character shall be permitted and the vegetation which maintains the ecological balance shall not be destroyed.

- i. Any area identified by the Irrigation Department as floodable areas or Central Environmental Authority as Environmentally Sensitive Areas or the Urban Development Authority may identify as necessary to keep, as sensitive area in terms of impacts that may create due to physical development shall apply.
- ii. No development activity shall be permitted within an environmentally sensitive zone. However in view of the fact that the removal of existing settlements from the areas could cause social tension, this restriction shall apply only to new constructions and filling of low-lying lands.

#### **7.8.1 Environmental Conservation – Eco Tourism & Nature Parks**

Following activities are permitted:

- i. Nature Parks
- ii. Eco-friendly restaurants
- iii. Field Centers
- iv. Field laboratories for nature study
- v. Mini Conference Centers
- vi. Raised board walks, decks on stilts
- vii. Nature trails, hides, observation towers, canopy walkways & the like
- viii. Camping, Picnicking, Bird-watching, & the like
- ix. Outdoor fitness/exercise facilities
- x. Visitor cum Information Centers
- xi. Wetland museums
- xii. Eco-tourism
- xiii. Wetland Adventure Parks
- xiv. Other nature based recreation activities
- xv. Security posts
- xvi. Open grassed areas as public parks/play grounds
- xvii. Traditional fishing & fish rearing
- xviii. Flower collection
- xix. Water-transport if carefully integrated and operated
- xx. Agriculture
- xxi. Wetland forestry
- xxii. Important Public infrastructure projects

#### **7.8.2 Environmental Conservation – Agriculture**

Permitted uses in the Agriculture zone includes:

- i. Agriculture including horticulture
- ii. Animal husbandry except piggeries, prawn farms, and poultry farms having a stock exceeding 200 birds
- iii. Fisheries
- iv. Arboriculture, agro- forestry, fuel-wood forestry and conservation forestry including natural forest communities
- v. Sales outlets for the produce of the plot/project
- vi. Non-polluting agricultural processing centers
- vii. Mining in accordance with GS & MB guidelines, conditions and regulations, including site rehabilitation (which should be for agriculture /fisheries/forestry only)
- viii. Public infrastructure projects.
- ix. Public Parks and Playgrounds.

#### **7.8.3 Environmental Conservation – Archaeological Conservation**

Protect, conserve and maintain the historical buildings fabric and the monuments identified and ensure proper use of properties in harmony with the conserved structures such as:

- i. Handi craft showrooms , tourist gift centers, book shops, gem and jewellery shops and their workshops
- ii. Professional offices or firms, tourist related activities such as ticketing offices and museums
- iii. Restaurants and small scale hotels and guest houses
- iv. Art galleries
- v. Residential activities

#### **7.8.4 Environmental Conservation -Water Bodies, Tanks, Lagoons & Canals**

- i. Any area identified by the Irrigation Department as floodable areas or Sri Lanka Land Reclamation & Development Corporation as new flood retention, detention and drainage areas or the Urban Development Authority may identify as necessary to create as new water bodies
- ii. No development activity shall be permitted within this zone except structures required facilitating irrigation network

#### **7.9 Industrial Zone**

These are areas used or intended to be used mainly for industrial purposes.

- High Tech Parks
- Factories
- Manufacturing Plants
- Workshops
- Science & Business Parks
- Warehouse / Storage
- Exclusive Economic Zones
- Small & Medium scale industries

Industrial use to include Research Facilities Sites, High Tech Farming Sites and IT related fields.

#### **7.10 Fisheries Zone**

These areas used for the purpose related to fisheries activities including:

- fish landing points
- Fishery harbour development
- Ice Plants
- Petrol Sheds
- Storage of Fishing Gears
- Boat Repair yards
- Fisherman Huts/ Camps/ housing schemes

#### **7.11 Tourism Zone**

These areas used or intended to be used mainly for tourism related development activities such as:

- Hotels, Guest Houses, Rest Houses and related structures
- Handicraft Centres
- SPA Centres, Ayurvedic Medicine, Herbal Health & Fitness Centres
- Restaurants, Cafes & Kiosks
- Entertainment Centres
- Tourist Resorts.

At least 60% of the total floor area shall be used for hotel room floors and hotel-related uses as defined in the Planning (Development Charges) Rules. Commercial and residential uses may be considered subject to control on the use quantum as determined by the authority and they shall not exceed 40% of the total floor area.

#### 7.12 Utilities Zone

These are areas used or intended to be used mainly for public utilities and telecommunication infrastructure, including water works, sewage disposal works and other public installations such as electric substations:

- Electric Substation
- Power Station
- Gas Installation
- Natural Gas Receiving Terminal
- Gas Takeoff/Regulator Stations
- Water Treatment Plant
- Water Reclamation Plant
- Service Reservoir
- Water Pump House
- Sewerage Pumping Station
- Incineration Plant
- Desalination Plant
- Transmitting Station/ Receiving Station
- Earth Satellite Station

Additional sites for such purposes for any locality may be secured where deemed necessary.

#### 7.12 Port Related Activity Zone

These are areas used or intended to be used for dock or port purposes and include the following activities:

- Port area
- Port related facilities
- Ferry point/ terminal/ cruise centers
- Warehousing/ stores complexes

-Administrative buildings

✓ 7.13 Special Zone

These are areas used or intended to be used mainly for Police or by defence forces including Army, Navy and Air Force.

7.14 Commercial Agriculture Zone

These are areas used or intended to be used for commercial agriculture purposes such as:

- Commercial farming of Melon, Cashew nut, Pineapple, onion etc

## **8.0 Design Guidelines for the Preparation of Development Guide Plans**

### **8.1 Urban Design Guidelines**

The Land use zoning in the Trincomalee Metro Urban Development Area (TMUDA) as categorized above will have following general guidelines for the micro level planning:

The TMUDA Plan shall utilize the natural layout of the terrain by improving through the Development Guide Plans for a sustainable environment and a functional physical form. The Development Guide Plans shall be done under the following guidelines:

- ✓ - Complete conservation of rivers, paddy fields, canals, streams and water bodies with undisturbed flow of rivers and canals to the Indian Ocean.
- ✓ - Construction of buildings limited to a minimum of 10 meters and a maximum of 20 meters from the boundary of these conservation areas.
- ✓ - A reservation of as specified by the Coast Conservation Department should be kept from the sea beach in future development along the sea front.
- ✓ - The natural features of the landscape should be embodied in the development of highlands along these conservation areas to enhance the greenery of the area.
- ✓ - As far as possible the recreational and public outdoor activities should be integrated with water bodies, wetlands, sea and the beaches.
- ✓ - In exceptional cases, the marshes and abandoned paddy fields may be utilized to develop infrastructure such as roads, rail track and other public amenities.

The following proposals for the development of public out-door recreational spaces shall be considered:

- order*
- ✓ (a) River and canal reservations to be designated as linear parks.
  - ✓ (b) Beach strip to be improved as linear parks in order to fully realize its potential as a recreational area (Beach Park).
  - ✓ (c) Existing designated open areas to be assessed for improvement / renewal.
  - ✓ (d) New spaces to be opened up under urban renewal, in areas where such facilities are not available.
  - ✓ (e) "Nature Parks" - Relevant areas to be designated as Nature Reserves with designated building lines.
  - ✓ (f) The existing Lake/reservoir to be used for water based recreation and a large part of its verge to be opened out for linear park and nodal parks.

#### ✓ 8.1.2 Strategies for Vertical Physical Form.

The building heights shall be as determined by the proposed building density in the Central District to achieve the necessary configuration of densities and the required skyline by enforcing the following height restrictions as determined by the proposed building densities.

| <b>Area</b>                            | <b>Ht. Min</b> | <b>Ht. Max</b> |
|--|----------------|----------------|
| a) Central District                    | 10 floors      | - <i>l. 16</i> |
| b) Nodal towns                         | 6 floors       | 10 floors      |
| c) Other Service centers               | 4 floors       | -              |
| d) Rest of the area (Rural/semi rural) | 1 floor        | 3 floors       |
| e) Heritage areas                      | As existing    | As existing    |

The following shall be considered when implementing the strategies for the vertical physical form:

- ✓ (a) Recreate a methodical skyline through height controls and regulations under Development Guide Plans (DGP)
- ✓ (b) In the Central District and in certain highly accessible areas high rise buildings may be allowed, provide it is acceptable to the Heritage/conservation plan, while in other areas there should be a gradual reduction of building heights.

- (c) The harbour area and its surroundings to be classified as a special high rise zone to create an aesthetically pleasing and rhythmic skyline and to provide an attractive appearance when approaching from the Indian Ocean.
- (d) A physical relation to be maintained between "open space" and "height of buildings" within the plot and outside the plot at macro level.
- (e) Minimum and Maximum heights introduced in the Central District will be confined to rules and regulations of these areas.

#### **8.1.3 Strategies for Urban Development**

The following strategies shall be adopted for urban development:

- (a) Clustering to urban centers, based on growth potential.
- (b) Establishing appropriate hierarchical structure of urban centers.
- (c) Development activities to be concentrated within identified growth centers in a comprehensive planned manner.
- (d) Centers with high growth potential to be provided with selected infrastructure.

#### **8.1.4 Strategies for Regional Resource Management**

Plans for increasing urbanization shall take into account the need for flood protection in the region and its natural structure and agro-ecology. The remaining low lying natural drainage network and flood plains shall be conserved with appropriate use as identified in the "Conservation of Natural Areas" ( Physical Plan).

The following vital regional resource management strategies shall be incorporated into the Development Guide Plans of the Local Authorities.

- (a) Establishment of **compact urban settlements** with a large portion of medium and high-density development leaving sufficient land for agriculture and forest.
- (b) Adaptation of current flood control measures such as storm water detention/ retention and recharge of water to soil, into a plan for regional management of the principal aspects of the hydrological cycle.

- (c) Development of design and performance criteria for urbanization based on scientific analysis of run off criteria for specific design storm frequencies and expected levels of development.
- (d) Adaptation of strategies for limiting or modifying specific development types in the most critical/sensitivity of the ecological areas, such as major flood ways and flood plains of the principal rivers and areas of special ecological value, i.e., native forest remnants, inland and coastal wetland systems and areas of scenic beauty, particularly if they are characteristic of historical Sri Lanka landscapes likely to be destroyed by development.
- (e) Precautionary measures to be taken in land use planning to ensure adherence to development regulations in coastal areas; also strict prevention of beach sand mining in particularly vulnerable areas.
- (f) In every spatial planning exercise, due recognition shall be given to the scenic and recreational value and thus tourism potential of natural endowments such as the ocean all along its eastern border, its remaining natural forest, its rivers and lakes, many of its wetlands and certain strategically located rocky knolls.

#### 8.1.5 Strategies for Conservation of Natural areas

Natural areas such as wetlands and rivers, existing forest reserves, proposed forest reserves shall be protected by establishing "Building lines" thus creating reservations where the land use shall be determined by the development guide plans of the Local Authorities and restricted to the following uses as approved by the local Authorities:

- (a) Urban agriculture
- (b) Livestock farming
- (c) Horticulture and cut flower industries
- (d) Inland fisheries and fish ponds
- (e) Recreational and open spaces
- (f) Urban forests
- (g) Wild life areas and bird sanctuaries.

The Local Authorities shall enforce such regulations to maintain and implement flood control through **adaptive design/usage**, good water replenishment, shoreline stabilization and storm protection, sediment and nutrient retention, climate change mitigation, water purification, conservation of bio diversity, encourage wetland produce, recreation and eco tourism and preservation of cultural values.

#### **8.1.6 Strategies for Increasing the Housing supply**

The Local Authority shall make available through the development guide plans the following facilities to increase the housing stock within the TMUDA to meet a target of 58,500 new housing units over a period of 23 years and to replace another 37,500 units for existing housing stock at the rate of 5,000 units constructed each year to meet the above demand at a flat rate:

- (a) Adequate serviced land for new housing.
- (b) Increased residential densities in the areas identified for concentrated action in the new development areas
- (c) Encouraged residential development in growth potential urban centers.
- (d) A comprehensive urban renewal programme, which was identified as being vital for upgrading the existing dilapidated housing stock.
- (e) Infrastructure development in other areas in the TMUDA to be expanded.  
(eg accessibility to Central District, Other Urban Centres and Settlements under the Tsunami rehabilitation plan, etc.)

The Local Authorities shall facilitate the following for improving the housing characteristics and the environment particularly around the low and middle income housing schemes.

Encourage housing estates where common amenities such as water, sewerage, open spaces, parking, community centers, shopping areas, recreational areas, preliminary education centers, day care centers, sport facilities, could be shared amongst the housing dwellers.

- (a) Introduce common facilities to bring-down the 'per unit housing cost'.

- (b) Adopt the housing estate layout and individual designs in such a way to encourage social interaction between families regardless of their social/cultural or ethnic status.
- (c) Make available, where possible, land between 10 to 50 acres by the state to both National Housing Development Authority and the private sector to develop new housing estates.
- (d) Re-plan, Re-design and re-build middle density housing development schemes which have created extensive environmental and social problems and physical degeneration of housing conditions under urban redevelopment programmes.
- (e) Increase the density of housing estate areas to maximize the land utilization and lower unit cost.
- (f) Increase the open space / play ground recreation areas in the community by allocating lands released from concentrated housing development.
- (g) Introduce physical planning layouts in appropriate housing designs with a view to reducing social tension and increasing social interaction.
- (h) Ensure that all un-built areas of such development plots conform to a landscape design scheme incorporating the required infrastructure with due regard to environmental considerations and all such preserved areas identified by the concept of indigenous vegetation.

#### **8.1.7 Planning of Rural Areas (Agriculture and Homestead areas) within TMUDA**

These are highland and midland areas with environment and ecological values complementing the strict natural reserves such as urban forest, wetlands and marshlands as identified in the TMUDA Plan. The Local Authority shall structure the centers, which fall within their purview by Development Guide Plans, and identify the base land uses to be administered by them. The land use may be broadly classified as follows:

|  |   |
|--|---|
| <b>Residential</b>   | - for housing and some supporting uses    |
| <b>Commercial</b>  | - for business and commercial development |
| <b>Industrial</b> - established to contain industries and premises that would not conflict with other uses | land                                      |
| <b>Public areas</b> - provided for recreational, religious, community, educational and other such uses     | use                                       |

**✓ Conservation and Heritage** -for areas with high conservation values to manage the specific issues in a detailed manner.

The Authority shall consider such areas under the following controls and shall classify the usage in these areas as follows:

**Permitted (P)** - The Local Authority may approve the application

**Discretionary (D)** - The Local Authority may approve or refuse the application, with or without conditions

**Prohibited (X)** - The Local Authority shall refuse the application

The applications shall be processed by the Local Authority under the following basis:

1) Uses permitted in the Rural Areas

- (a) Low density shops, commercial buildings, transport centers located within the vicinity of the center. The heights and density to be determined by the Local Authority.
- (b) Agricultural and plantations, livestock farms, cut flower industries, located in midland areas determined by the Local Authority, provided that excessive use of chemicals which are not bio degradable are not discharged as affluent from such lands.
- (c) Primary and secondary schools located in areas determined by the local Authority so as not to cause traffic congestion and disturbance to residences in the vicinity.
- (d) Recreation and Eco tourism activities as determined by the Local Authority.

2) Uses which **MAY** be permitted at the discretion of the Local Authority.

- (a) Light industries; such as motor mechanic workshops, wood-working workshops, metal-working workshops, which do not cause disturbance or pollution as approved under the standards set by the Central Environmental Authority Act
- (b) Universities, Technical Colleges, and institutes of higher learning
- (c) Quarries (rock and earth)
- (d) Re-use and re-cycling industries.

3) Uses which shall **NOT** be permitted in the Rural (Agriculture and Homestead Area) Areas.

- (a) Heavy industries
- (b) Any industry causing environmental pollution or disturbance not acceptable to the standards set by the Central Environmental Authority.

All areas bordering the coast shall be vested under the jurisdiction of the Coast Conservation Department and the Local Authority should refer application for activities within such areas to the Coast Conservation Department for preliminary clearance.

All sites and land with archaeological and cultural value shall be protected by the local authority and shall be administered under the jurisdiction of the Archaeology Department.

#### **8.1.8 Conservation of places of Historical, Architectural Interest or Landscape Value**

- 1) If any premises or area or monument not covered by the T&CP Ordinance is in the opinion of the Local Authority, of Historical or Architectural interest, the Authority may give directions as it deems fit for the conservation of such buildings, group of Buildings, area or monument as the case may be.
- 2) If any premises or area, in the opinion of the Local Authority is of scenic or landscape interest, the Authority may give directions as it deems fit for the conservation and maintenance of such premises or area as the case may be.
- 3) The Local Authority may require the façade of a building located in an area considered by the authority as an area needing preservation to be designed in an appropriate manner in keeping with and harmonizing with the character of such area.

#### **8.1.9 Landscape and Tree Protection**

- 1) The Authority may in the interest of amenity, prohibit the felling, lopping or willful destruction of any tree, group of trees or vegetation or altering any significant landscape feature of an area.
- 2) The Authority may direct an owner to landscape the site of development and maintain it with planting in the manner approved by it.

- 3) Authority may require the protection and planting of endemic and indigenous flora where necessary.
- 4) The Authority may determine the permissible height of trees grown within residential boundaries.
- 5) The authority may in the interest of environmental planning designate areas as Nature Parks, Urban Forrest around the City where the land use shall be determined and controlled by the Authority.
- 6) The Authority may determine the height and species of trees permitted to be grown in residential areas and may direct landowners to prune or cut down such trees which pose a danger to the neighborhood or the general public.

#### **8.1.10 Conservation of Forest Areas**

**The concept of preservation of indigenous vegetation within urban forests shall be considered when dealing with such areas in the TMUDA .**

The concept of indigenous vegetation comprises the vegetation on a designated area, as well as the characteristics of the ground and the climate. It comprises natural or semi-natural vegetation, which has developed naturally over a very long time, or which has developed due to a very long period of agricultural cultivation using traditional methods. This encompasses, among other things, vegetation types such as natural and semi-natural forests, woodlands, mires, meadows and pastureland. The concept of the bio-tope is of crucial importance and solitary trees preserved together with ground cover vegetation, so that part of the bio-tope remains, are part of the concept. Recent spontaneously established vegetation is not included in the concept, nor is planted or sown vegetation.

All types of preserved indigenous vegetation within or close to developments (residential areas as well as offices and industries) are part of the concept, as is the urban hinterland. The hinterland will not be very clearly defined, but could be seen as forests, meadows and pastureland in an area some kilometers away from a development. The transition zone from a development into the hinterland is seen as important.

### **8.1.11 Water Front Development**

Designated areas of water front and river fronts shall be developed under a special ordinance, as a controlled mixed development land use for recreation, commerce, shopping and residential as per guidelines given by the Local Authority.

## **8.2 LANDSCAPE AND ENVIRONMENTAL GUIDELINES**

### **8.2.1 Landscape Assessment and Issues**

The nearly flat topography gives rise to issues to be resolved through application of landscape and environmental guidelines:

- (a) Tall structures and buildings would contrast with the flat landscape although its visual sphere of influence is more limited than in hilly landscapes.
- (b) The drainage of flat areas in combination with the high seasonal rainfall pattern is slow. This has necessitated the several drainage channels and detention areas.
- (c) Increase in density could easily pollute the water bodies unless precautionary measures are taken.
- (d) Increased construction activity would necessarily modify top soil layers and movement / transport of soil or debris to other locations.

### **8.2.2 Public Outdoor Recreational Spaces**

It is proposed that all Public Outdoor Recreational Spaces as existing (e.g. parks, playgrounds, open spaces etc.) should be retained as such and incorporated into the urban renewal programme allowing for their improvement. Additionally new facilities to be made available on hierarchy and nesting concepts based on walking distance criteria as well.

- (a) Mahaweli Ganga reservation and
- (b) all other waterway reservations to be designated as nature parks,
- (c) the beach littoral as a beach park and
- (d) marshes / detention areas as nature parks.

- (e) The river itself to be used for water based recreation and transport.

These Public Outdoor Recreation Areas shall retain the characteristic landscape of the region with any modification following a landscape design to the approval of the authority Urban Design Guidelines for Macro Planning will apply.

#### **8.2.3 Urban Forest**

The Urban Forest comprises all the trees in an urban area including those trees in

- (a) all Public Outdoor Recreational Spaces (PORS)
- (b) Nature Parks and reservations
- (c) Roads, railways and their reservations and reservations in water bodies
- (d) Residential areas
- (e) Forest, woodland and community areas in the urban areas
- (f) Premises of all public and private plots.

Urban Design Guidelines for Macro Planning (Landscape and tree protection) will apply.

#### **8.2.4 Landscaping of Road ways & Railways**

Roadways within the TMUDA shall be landscaped according to a landscape design to the approval of the Authority. Such design should take into consideration:

- (a) the unimpeded movement and safety of vehicles (including bicycles) and pedestrians,
- (b) the provision of adequate drainage, shoulders, verges
- (c) appropriate planting located in a manner allowing for clear sight-lines.
- (d) All embankments to roadways or railways shall be vegetated and especially grassed with swales at the toe as sediment traps. Pathways, if any, shall be along the length of the embankment to minimize soil erosion.
- (e) All signage, barriers, fences and utilities shall be placed in a manner non-injurious to users.
- (f) The Authority shall be responsible for the maintenance, cleanliness and

- (g) monitoring of the utilities and landscaped areas under its purview. The Authority shall be responsible for the monitoring of maintenance, cleanliness of the utilities and landscaped areas of all such other premises public and private under its jurisdiction

#### 8.2.5 Storm Water Drainage

Considering the topography of the area and its drainage pattern, it is important

- (a) to locate all utilities and buildings in a manner such that surfaces may be adequately drained under intensive rainfall conditions.
- (b) Drainage to waterways shall in all cases be through sedimentation pits/gullies/traps in a manner such that reasonably clear water is discharged to any waterway or water body. Where necessary grease traps should be employed.
- (c) Solid matter shall not be discharged into storm water drains. Where necessary gratings, guards or grilles shall be used as preventive devices.
- (d) On sites or areas subject to water-logging or slow-discharge rates detention ponds shall be included within the open area of the plot in a manner as not to cause flooding of internal roadways, utilities and buildings.
- (e) Discharge of storm water shall be free of debris, pollutants and reasonably clear and shall not impede any other pathway or roadway and be subject to approval by the Authority.

#### 8.2.6 Parking

- (a) Off-street parking shall be to the approval of the local Authority. Such parking and removal of vehicles shall be in a manner so as not to impede the smooth movement of traffic.
- (b) On-site parking shall be distributed on the site in such a manner that a single parking area shall not contain more than 30 vehicles (car equivalents) / 50 % of the site in any single given area.
- (c) Large parking areas shall be landscaped with intermediate trees / vegetation characteristic of the environment to the approval of the Authority

#### **8.2.7 Sewerage**

- (a) A drainage plan for night-soil and sanitary facilities shall be submitted to the Authority for approval.
- (b) In non-sewered areas, location of septic tanks and their level in relation to the lowest level of the site shall be such that an adequate filtration field is available on-site before discharge of effluent to the general landscape

#### **8.2.8 Solid waste Disposal**

- (a) Wherever possible solid waste shall be sorted at source into bio-degradable organic waste / metals / plastics / paper / boards / other
- (b) Solid waste shall be provided a specific area for collection and stored in covered containers until removal.
- (c) Solid waste shall not be dumped in undesignated public areas.
- (d) The Authority or any other establishment under its purview shall dispose of such solid waste in a hygienic and technologically approved manner. It is envisaged that such waste be re-used or re-cycled wherever possible. The location of such establishments shall not be in residential areas.
- (e) Hospital waste and sharps shall be disposed of on-site by incineration or containerisation as the case may be. Note: all sharps and disposables shall be rendered unusable by damage prior to disposal.
- (f) All sites and facilities relating to solid waste shall be located and managed in a manner such that water courses and water bodies shall not be subject to pollution or contamination. I.e. Leachates shall be treated on-site before discharge.

#### **8.2.9 Site Utilization**

Sites shall be utilised in a manner that:

- (a) Site utilisation shall be done in such a manner such that expansion of activities is possible
- (b) Every site shall maintain as open area. It is preferred if these are vegetated, but does not preclude the use for roadways. Building zones shall be situated within the site

- (c) ingress from main roads and egress of vehicles on to main roads from a given site do not disrupt the smooth flow of traffic.
- (d) Internal roadways are sited in a manner that will allow adequate drainage of the road surfaces and do not cause erosion of the site.
- (e) Buildings, wherever possible, are not sited straddling the highest area of site,
- (f) Building heights shall be guided by the landform and situate so as to relate to the existing landform.
- (g) Lowest areas of a site should remain unbuilt providing however, that access ways and infrastructure works such as drains are permitted.
- (h) Existing vegetation shall not be cleared or disturbed other than necessary for building footprints or infrastructure requirements such as drainage networks and roads.
- (i) Soil conservation strategies are followed during construction and utilisation of the building site.
- (j) Tree preservation and protection is adhered to according to UD guidelines. In the event of tree removal for development replacement vegetation shall be accommodated on-site. 20 % of trees removed shall be replaced.
- (k) A landscape design and plan from a qualified person is provided, implemented and managed.
- (l) Detention ponds shall be provided according to the site drainage pattern where required.
- (m) Septic tanks are located such that an adequate drainage field is available on site before effluent discharge.
- (n) Preservation areas of the site are maintained as required (See Urban Design Guidelines).

#### **8.2.10 Signing and Lighting**

- (a) All buildings / complexes other than residential buildings shall carry signboard indicative of the nature of the building or activity.
- (b) Informative and directional signs shall be in accordance with standards set by the Authority.
- (c) Every site shall provide adequate lighting as required by the activity. However, preserved areas, in the interest of fauna, shall not be lit within the area.

#### **8.2.11 Colour and Finishes**

All buildings, utilities shall conform to the colours and finishes as approved by the Authority.

#### **8.2.12 Nature Parks**

It is envisaged that in the interest of recreation, tourism and similar activities some design elements will be introduced to these designated areas. However, these interventions shall be minimal and only as required to enhance the existing ambience of these designated areas. The Urban Design Guidelines – Strategies for Conservation of Natural Areas will apply.

- (a) All sites adjacent to any Nature Park shall have a vegetated buffer zone of 3 m within their site.
- (b) The Authority shall prohibit the felling, lopping or willful destruction of any tree, group of trees or vegetation or altering any significant landscape feature of an area.
- (c) The Authority may however, in the interest of amenity and management be guided by a qualified person according to a landscape management plan approved by the Authority.

### **9.0 LIST OF ROADS AND PROPOSED STREET LINES**

The road network of Trincomalee Metro Urban Centre Development Area is listed in the Table 9.1 to 9.5. It indicates the proposed street line reservation applicable from centre of the road when new development take place in the area.

The same table indicates the proposed improvements suggested for each of these roads in the future.

Table 9.1: PROPOSED BUILDING LINES FOR EXISTING ROAD NETWORK - TRINCOMALEE URBAN COUNCIL AREA

| Name of Road                          | Class | Maintained by | Length of Road in Miles | Width in m | Bulding Line in meters | Present Condition | Proposed Improvement   |
|---------------------------------------|-------|---------------|-------------------------|------------|------------------------|-------------------|------------------------|
| 1. Kurunegala - Trincomalee Road      | A     | RDA           |                         | 3.00       |                        |                   | Widening & Asphaltting |
| 2. Puttalam - Trincomalee Road        | A     | RDA           |                         | 1.00       |                        |                   | Widening & Asphaltting |
| 3. Trincomalee - Pulmoddai Road       | B     | RDA           |                         | 3.00       |                        |                   | Widening & Asphaltting |
| 4. Inner Harbour Road                 | B     | RDA           |                         | 0.51       |                        |                   | Widening & Asphaltting |
| 5. Dockyard Road                      | B     | RDA           |                         | 0.84       |                        |                   | Widening & Asphaltting |
| 6. Beach Road                         | B     | RDA           |                         | 0.45       |                        |                   | Widening & Asphaltting |
| 7. Fort Fedrick Road                  | B     | RDA           |                         | 0.45       |                        |                   | Widening & Asphaltting |
| 8 Approach Road to Fort Fredrick Bldg | B     | RDA           |                         | 4.78       |                        |                   | Widening & Asphaltting |
| 9. Dutch Point Road                   | B     | RDA           |                         | 0.35       |                        |                   | Widening & Asphaltting |
| 10. Power House Road                  | B     | RDA           |                         | 1.00       |                        |                   | Widening & Asphaltting |
| 11. Railway Station Road              | B     | RDA           |                         | 0.63       |                        |                   | Widening & Asphaltting |
| 12. Love Lane Road                    | B     | RDA           |                         | 0.97       |                        |                   | Widening & Asphaltting |
| 13 Approach Road to Love Lane Bldg    | B     | RDA           |                         | 2.91       |                        |                   | Widening & Asphaltting |
| 14. Orr's Hill Circular Road          | B     | RDA           |                         | 2.10       |                        |                   | Widening & Asphaltting |
| 15. Mud Cove Road                     | B     | RDA           |                         | 1.50       |                        |                   | Widening & Asphaltting |

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Table 9.2: PROPOSED BUILDING LINES FOR EXISTING ROAD NETWORK - TOWN & GRAVETS PRADESHYA SABHA, TRINCOMALEE

| Name of Road                               | Class | Maintained by | Length of Road<br>in km | Width<br>in m | Building Line<br>in meters | Present Condition | Proposed Improvement         |
|--|-------|---------------|-------------------------|---------------|----------------------------|-------------------|------------------------------|
| <b>Main Roads</b>                          |       |               |                         |               |                            |                   |                              |
| 1 Batticaloa- Trincomalee Road             | A     | RDA           | 9.00                    |               | 15.0                       |                   | Surface improvement & Drains |
| 2 Putalam - Trincomalee Road               | A     | RDA           | 10.00                   |               | 15.0                       |                   | Surface improvement & Drains |
| 3 Alkaraiattu - Trincomalee Road           | A     | RDA           | 11.00                   |               | 15.0                       |                   | Surface improvement & Drains |
| 4 Pulmoddai - Trincomalee Road             | B     | RDA           | 8.50                    |               | 12.0                       |                   | Surface improvement & Drains |
| 5 Vilgammehera Road                        | B     | RDA           | 4.12                    |               | 12.0                       |                   | Surface improvement & Drains |
| 6 Palaiyothu Road                          | C     | RDD           | 1.45                    |               | 7.5                        |                   | Surface improvement & Drains |
| 7 Pilakulam - Sampalithivu Road            | C     | RDD           | 2.00                    |               | 7.5                        |                   | Surface improvement & Drains |
| 8 Sally - Sampalithivu Road                | C     | RDD           | 2.00                    |               | 7.5                        |                   | Surface improvement & Drains |
| 9 Kanniya Hotwell Road                     | C     | RDD           | 0.80                    |               | 7.5                        |                   | Surface improvement & Drains |
| 10 Kamiya - Alesgarden Road                | C     | RDD           | 3.60                    |               | 7.5                        |                   | Surface improvement & Drains |
| 11 Selvanayagapuram Road                   | C     | RDD           | 1.60                    |               | 7.5                        |                   | Surface improvement & Drains |
| 12 Access Road to Prima Flour Mill         | C     | RDD           | 1.20                    |               | 7.5                        |                   | Surface improvement & Drains |
| 13 Sally - Mankemy Road                    | D     | RDD           | 1.60                    |               | 7.5                        |                   | Surface improvement & Drains |
| 14 Kappalthurai - Modern Village Road      | D     | RDD           | 7.00                    |               | 7.5                        |                   | Surface improvement & Drains |
| <b>Names of Streets, Roads &amp; Lanes</b> |       |               |                         |               |                            |                   |                              |
|  |       |               | Length in feet          | Width in feet |                            |                   |                              |
| 1 Bakery Road                              |       |               | 360.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 2 Lavendor Road                            |       |               | 910.00                  | 9.0           | 6.0                        | Mettled & Tarred  |                              |
| 3 Lavendor Passage                         |       |               | 200.00                  | 9.0           | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 4 Annagiri Road                            |       |               | 1,115.00                | 13.0          | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 5 Vidyalam Road                            |       |               | 575.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 6 Dyke Street                              |       |               | 1,302.00                | 13.0          | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 7 Hospital Lane                            |       |               | 935.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 8 Yard Approach Road                       |       |               | 1,725.00                | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 9 Slaughter House Road                     |       |               | 1,435.00                | 10.0          | 6.0                        | Gravel            | Mettle & Taming              |
| 10 St Marys Road                           |       |               | 1,118.00                | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 11 Patina Road                             |       |               | 1,045.00                | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 12 Kandasamy Kovil Road                    |       |               | 1,415.00                | 10.0          | 6.0                        | Mettled & Tarred  | Drains to be constructed     |
| 13 Kandasamy Kovil Lane                    |       |               | 300.00                  | 12.0          | 6.0                        | Gravel            | Mettle & Taming              |
| 14 Bhandu Street                           |       |               | 750.00                  | 10.0          | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 15 George Street                           |       |               | 475.00                  | 9.0           | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 16 George Lane                             |       |               | 215.00                  | 8.0           | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 17 Cathedral Road                          |       |               | 685.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 18 College Street                          |       |               | 1,440.00                | 12.0          | 6.0                        | Mettled & Tarred  |                              |
| 19 Avalyer Voothy                          |       |               | 365.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 20 Manikavasakar Street                    |       |               | 1,119.00                | 8.0           | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 21 Vanniyar Street                         |       |               | 830.00                  | 8.0           | 6.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 22 Green Road                              |       |               | 2,575.00                | 12.0          | 6.0                        | Mettled & Tarred  |                              |
| 23 Cemetery Road                           |       |               | 695.00                  | 15.0          | 9.0                        | Mettled & Tarred  |                              |
| 24 Snake Lane                              |       |               | 735.00                  | 10.0          | 6.0                        | Mettled & Tarred  | Drains to be constructed     |
| 25 College Lane                            |       |               | 400.00                  | 8.0           | 6.0                        | Mettled & Tarred  |                              |
| 26 Moor Street                             |       |               | 1,670.00                | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 27 Huskisan Street                         |       |               | 1,165.00                | 12.0          | 6.0                        | Mettled & Tarred  | Drains to be constructed     |
| 28 Rajavarthiam Road                       |       |               | 1,575.00                | 12.0          | 6.0                        | Mettled & Tarred  | Drains to be constructed     |
| 29 Thakkiya Road                           |       |               | 675.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 30 Thakkiya Lane                           |       |               | 600.00                  | 9.0           | 6.0                        | Mettled & Tarred  | Drains to be constructed     |
| 31 Wellington Approach Road                |       |               | 925.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 32 Channel Lane                            |       |               | 480.00                  | 8.0           | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 33 Saratha Street                          |       |               | 630.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 34 New Moor Lane                           |       |               | 285.00                  | 8.0           | 6.0                        | Mettled & Tarred  |                              |
| 35 New Moor Road                           |       |               | 680.00                  | 12.0          | 6.0                        | Mettled & Tarred  |                              |
| 36 New Moor Street                         |       |               | 230.00                  | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 37 St. Anthony's Passage                   |       |               | 185.00                  | 12.0          | 6.0                        | Mettled & Tarred  |                              |
| 38 St. Anthony's Lane                      |       |               | 925.00                  | 9.0           | 6.0                        | Mettled & Tarred  |                              |
| 39 Sea View Road                           |       |               | 2,975.00                | 14.0          | 9.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 40 Thirumalai Lane                         |       |               | 1,350.00                | 10.0          | 6.0                        | Mettled & Tarred  |                              |
| 41 Thirumalai Road                         |       |               | 115.00                  | 8.0           | 6.0                        | Mettled & Tarred  |                              |
| 42 Iyamarkomi Lane                         |       |               | 409.00                  | 9.0           | 6.0                        | Mettled & Tarred  | Reconditioning ✓             |
| 43 Muruganpuram Road                       |       |               | 882.00                  | 9.0           | 6.0                        | Gravel            | Mettle & Taming ✓            |
| 44 Navalai Street                          |       |               | 575.00                  | 9.0           | 6.0                        | Gravel            | Mettle & Taming ✓            |
| 45 Jamaliya Street                         |       |               | 725.00                  | 14.0          | 9.0                        | Mettled & Tarred  | Drains to be constructed ✓   |
| 46 Krishnapuri Lane                        |       |               | 800.00                  | 10.0          | 6.0                        | Gravel            | Mettle & Taming ✓            |
| 47 Uppuvell Lane 1                         |       |               | 175.00                  | 8.0           | 6.0                        | Gravel            | Mettle & Taming ✓            |
| 48 Main Street                             |       |               | 3,093.00                | 15.0          | 9.0                        | Mettled & Tarred  | Drains to be constructed ✓   |
| 49 Samantha Lane                           |       |               | 710.00                  | 8.0           | 6.0                        | Mettled & Tarred  | Drains to be constructed ✓   |
| 50 Sivan Street                            |       |               | 885.00                  | 12.0          | 6.0                        | Mettled & Tarred  | Reconditioning & Drains ✓    |
| 51 Cash Street                             |       |               | 250.00                  | 11.0          | 6.0                        | Mettled & Tarred  | Reconditioning & Drains ✓    |
| 52 3rd Cross Street                        |       |               | 250.00                  | 14.0          | 9.0                        | Mettled & Tarred  |                              |
| 53 Pattana Road                            |       |               | 160.00                  | 8.0           | 6.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 54 2nd Cross Street                        |       |               | 155.00                  | 9.0           | 6.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 55 1st Cross Street                        |       |               | 130.00                  | 9.0           | 6.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 56 North Coast Road 1 Lane                 |       |               | 145.00                  | 7.0           | 6.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 57 North Coast Road 2 lane                 |       |               | 175.00                  | 9.0           | 6.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 58 Central Road                            |       |               | 2,990.00                | 17.0          | 9.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 59 4th Cross Street                        |       |               | 315.00                  | 9.0           | 6.0                        | Mettled & Tarred  | Reconditioning & Drains      |
| 60 Weeranagar Lane 1                       |       |               | 425.00                  | 9.0           | 6.0                        | Gravel            | Mettle & Taming ✓            |
| 61 School Lane                             |       |               | 745.00                  | 9.0           | 6.0                        | Mettled & Tarred  |                              |
| 62 Kathy Lane                              |       |               | 455.00                  | 8.0           | 6.0                        | Mettled & Tarred  |                              |
| 63 Ex Italian Camp lane 1                  |       |               | 1,000.00                | 10.0          | 6.0                        | Gravel            | Mettle & Taming ✓            |
| 64 Station Approach Road                   |       |               | 885.00                  | 9.0           | 6.0                        | Gravel            | Mettle & Taming ✓            |
| 65 Linganagar Lane 1                       |       |               | 1,285.00                | 10.0          | 6.0                        | Mettled & Tarred  | Reconditioning ✓             |
| 66 Linganagar Lane 2                       |       |               | 495.00                  | 10.0          | 6.0                        | Mettled & Tarred  | Reconditioning               |
| 67 Linganagar Lane 3                       |       |               | 1,300.00                | 8.0           | 6.0                        | Gravel            | Mettle & Taming              |
| 68 Linganagar Cross Road                   |       |               | 330.00                  | 8.0           | 6.0                        | Gravel            | Mettle & Taming              |
| 69 Trenching Ground Road                   |       |               | 830.00                  | 9.0           | 6.0                        | Gravel            | Mettle & Taming              |

| Name of Road              | Class | Maintained by | Length of Road<br>in km | Width<br>in m | Building Line<br>in meters | Present Condition | Proposed Improvement |
|---------------------------|-------|---------------|-------------------------|---------------|----------------------------|-------------------|----------------------|
| 70. Valarmathy Lane       |       |               | 640.00                  | 8.0           | 6.0                        | Gravel            | Mettle & Tarring     |
| 71. Kuthirai Kuntra Road  |       |               | 435.00                  | 8.0           | 6.0                        | Gravel            | Mettle & Tarring     |
| 72. Thirkadaleer 3rd Lane |       |               | 725.00                  | 10.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 73. Thirkadaleer 2nd Lane |       |               | 560.00                  | 12.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 74. Thirkadaleer 1st Lane |       |               | 380.00                  | 10.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 75. Thillanar Street      |       |               | 1,110.00                | 10.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 76. Sundankadla Lane      |       |               | 700.00                  | 11.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 77. Ottu Hill Lane        |       |               | 1,430.00                | 11.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 78. Veeranagar Cross Lane |       |               | 510.00                  | 8.0           | 6.0                        | Mettled & Tarred  | Mettle & Tarring     |
| 79. Veeranagar Lane 3     |       |               | 200.00                  | 10.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 80. Veeranagar Lane 2     |       |               | 135.00                  | 10.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 81. Sivapuri Road         |       |               | 915.00                  | 9.0           | 6.0                        | Mettled & Tarred  |                      |
| 82. Muslim Cemetery Road  |       |               | 230.00                  | 8.0           | 6.0                        | Mettled & Tarred  | Reconditioning       |
| 83. Abeypura Road         |       |               | 1,690.00                | 10.0          | 6.0                        | Gravel            | Need repairs ✓       |
| 84. Court Road            |       |               | 3,180.00                | 13.0          | 6.0                        | Mettled & Tarred  |                      |
| 85. Lenlen Road           |       |               | 1,000.00                | 10.0          | 6.0                        | Mettled & Tarred  |                      |
| 86. Customs Road          |       |               | 2,345.00                | 13.0          | 6.0                        | Mettled & Tarred  | Reconditioning ✓     |
| 87. Orr's Hill 3rd Lane   |       |               | 1,500.00                | 10.0          | 6.0                        | Mettled & Tarred  |                      |
| 88. Orr's Hill 4th Lane   |       |               | 1,900.00                | 14.0          | 9.0                        | Mettled & Tarred  |                      |
| 89. Sivapuri Lane         |       |               | 600.00                  | 12.0          | 6.0                        | Gravel            | Mettle & Tarring     |
| 90. Bandaranayake Mawatha |       |               | 1,500.00                | 10.0          | 6.0                        | Mettled & Tarred  | Reconditioning       |

Table 9.3: PROPOSED BUILDING LINES FOR EXISTING ROAD NETWORK - TOWN &amp; GRAVETS PRADESHYA SABHA AREA

| Name of Road                                    | Class | Maintained by | Length of Road<br>in km | Width<br>in m | Building Line<br>in meters | Present Condition | Proposed Improvement |
|---|-------|---------------|-------------------------|---------------|----------------------------|-------------------|----------------------|
| <b>Kanniyakumari District 243B/01</b>           |       |               |                         |               |                            |                   |                      |
| 1. Karuppalai Lane                              |       |               | 1.10                    | 9.00          | 8.0                        | Gravel            | to be Tarmec/Drain   |
| 2. 8th Mile Post - 1st Lane                     |       |               | 0.50                    | 9.00          | 8.0                        | Gravel            | to be Tarmec/Drain   |
| 3. 8th Mile Post - 2nd Lane                     |       |               | 0.50                    | 9.00          | 8.0                        | Gravel            | to be Tarmec/Drain   |
| 4. 8th Mile Post - 3rd Lane                     |       |               | 0.50                    | 9.00          | 8.0                        | Gravel            | to be Tarmec/Drain   |
| 5. 8th Mile Post - 4th Lane                     |       |               | 0.30                    | 9.00          | 8.0                        | Gravel            | to be Tarmec/Drain   |
| 6. Annankonam Veethi                            |       |               | 0.60                    | 14.00         | 7.5                        | Gravel            | to be Tarmec/Drain   |
| 7. Val Veethi                                   |       |               | 0.50                    | 14.00         | 7.5                        | Gravel            | to be Tarmec/Drain   |
| 8. Sivayankapoor Veethi                         |       |               | 0.50                    | 14.00         | 7.5                        | Gravel            | to be Tarmec/Drain   |
| 9. Nadesar Veethi                               |       |               | 0.50                    | 14.00         | 7.5                        | Gravel            | to be Tarmec/Drain   |
| 10. School Veethi                               |       |               | 0.80                    | 14.00         | 7.5                        | Gravel            | to be Tarmec/Drain   |
| <b>Vellore &amp; Villam Veedhe 243 E, 243 D</b> |       |               |                         |               |                            |                   |                      |
| 1. Maragenganan Veethi                          |       |               | 2.00                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 2. Vellore Main                                 |       |               | 1.00                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 3. Kalkadumalum Veethi                          |       |               | 1.00                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 4. Muthurair Kulam Veethi                       |       |               | 1.50                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 5. Vizian Veedhe Veethi                         |       |               | 2.00                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| <b>Pudhody 243 J</b>                            |       |               |                         |               |                            |                   |                      |
| 1. Poothady Veethi                              |       |               | 2.50                    | 5.25          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 2. Ramanan Veethi                               |       |               | 2.50                    | 5.25          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 3. - - 1st Lane                                 |       |               | 0.24                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 4. - - 2nd Lane                                 |       |               | 0.24                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 5. - - 3rd Lane                                 |       |               | 0.24                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 6. - - 4th Lane                                 |       |               | 0.24                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 7. - - 5th Lane                                 |       |               | 0.24                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 8. - - 6th Lane                                 |       |               | 0.40                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 9. - - 7th Lane                                 |       |               | 0.40                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 10. - - 8th Lane                                |       |               | 0.40                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 11. - - 9th Lane                                |       |               | 0.40                    | 7.40          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 12. Main Veethi                                 |       |               | 2.50                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 13. Housing Scheme Road                         |       |               | 0.50                    | 5.25          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 14. Farm Road                                   |       |               |                         |               |                            |                   |                      |
| <b>Mankayoothu-Kanniyakumari</b>                |       |               |                         |               |                            |                   |                      |
| 1. Anthumar Veethi                              |       |               | 0.40                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 2. Kilikunthumalai Veethi - 1st Lane            |       |               | 0.39                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 3. Kilikunthumalai Veethi - 2nd Lane            |       |               | 0.47                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 4. Kilikunthumalai Veethi - 3rd Lane            |       |               | 0.19                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 5. Kilikunthumalai Veethi - 4th Lane            |       |               | 0.66                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 6. Cross Veethi                                 |       |               | 0.10                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 7. Main Road                                    |       |               | 3.00                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 8. Internal Road                                |       |               | 2.90                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 9. Central Road                                 |       |               | 3.00                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 10. Cross Roads 1-30                            |       |               | 5.85                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| <b>Kepalathurai - 229 E</b>                     |       |               |                         |               |                            |                   |                      |
| 33. Men Road                                    |       |               | 3.00                    | 10.00         | 7.5                        | Tarmec/Gravel     | to be Tarmec/Drain   |
| 33. Thiruppathimathar Veethi                    |       |               | 0.50                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 34. Ullur Veethi                                |       |               | 1.50                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 35. Karavindhu Veethi                           |       |               | 1.00                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 36. Al Aasha Veethi                             |       |               | 1.00                    | 8.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 37. Mohamudhu Veethi                            |       |               | 2.50                    | 10.00         | 7.5                        | Gravel            | to be Tarmec/Drain   |
| 38. Vinayakar Veethi                            |       |               | 1.00                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 39. Velluram Veethi                             |       |               | 0.50                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 40. Range Veethi                                |       |               | 1.00                    | 4.50          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 41. Vidyalayam Veethi                           |       |               | 1.00                    | 4.50          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 42. Sarvatha Veethi                             |       |               | 1.00                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 43. Phanthamich Veethi                          |       |               | 2.00                    | 4.50          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 44. Vathala Veethi                              |       |               | 1.50                    | 4.50          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 45. Thiruvallur Veethi                          |       |               |                         |               |                            |                   |                      |
| <b>Pulyankulam - 243 L</b>                      |       |               |                         |               |                            |                   |                      |
| 1. Farm Road                                    |       |               | 1.50                    | 9.00          | 6.0                        | Tarmec            |                      |
| 2. Kathirkamalambiy Veethi                      | ROD   |               | 0.70                    | 12.00         | 7.5                        | Tarmec            |                      |
| 3. School Road                                  |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 4. School Road Cross Lane                       |       |               | 0.30                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 5. Pulyankulam Approach Road                    |       |               | 1.00                    | 4.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 6. Pillayar Road                                |       |               | 0.50                    | 4.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 7. Old Anthooriar Road                          |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 8. School Road Cross Lane A                     |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 9. School Road Cross Lane 3                     |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 10. School Road Cross Lane B                    |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 11. School Road Cross Lane C                    |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 12. School Road Cross Lane 5                    |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 13. School Road Cross Lane 8                    |       |               | 0.60                    | 4.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 14. New Anthooriar Road                         |       |               | 0.50                    | 4.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 15. Farm Road Approach Road                     |       |               | 0.20                    | 9.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 16. Pulyankulam Main Road                       |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 17. School Road Cross Lane                      |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 18. School Road Cross Lane 11                   |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 19. School Road Cross Lane 15                   |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 20. School Road Cross Lane 16                   |       |               | 0.40                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 21. School Road Cross Lane D                    |       |               | 0.30                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 22. Vellur Veethi                               |       |               | 0.30                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 23. School Road Cross Lane 2                    |       |               | 0.50                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 24. School Road Cross Lane 4                    |       |               | 0.40                    | 4.50          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 25. School Road Cross Lane 6                    |       |               | 0.80                    | 4.50          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 26. School Road Cross Lane 7                    |       |               | 0.75                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 27. School Road Cross Lane 9                    |       |               | 1.50                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 28. School Road Cross Lane 10                   |       |               | 1.00                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 29. Uthayarkun Lower Road                       |       |               | 0.50                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 30. School Road Cross Lane 13                   |       |               | 0.50                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 31. School Road Cross Lane 14                   |       |               | 0.50                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 32. Uthayarkun Middle Road                      |       |               | 0.39                    | 6.00          | 6.0                        | Tarmec            | to be Tarmec/Drain   |
| 33. Uthayarkun Central Road                     |       |               | 0.28                    | 7.90          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 34. Uthayarkun Upper Road                       |       |               | 1.00                    | 1.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 35. Cross Lanes 1-9                             |       |               | 0.50                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 36. Nithyapuri 1st Lane                         |       |               | 0.50                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 37. Nithyapuri Main Road                        |       |               | 0.50                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 38. Nithyapuri 2nd Lane                         |       |               | 0.22                    | 6.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 39. Nithyapuri 3rd Lane                         |       |               | 0.11                    | 5.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 40. Ananthapur Main Road                        |       |               | 1.00                    | 3.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 41. Ananthapur 1-7                              |       |               | 0.50                    | 4.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 42. Ananthapur 2nd Lane                         |       |               | 0.50                    | 5.00          | 6.0                        | Gravel            | to be Tarmec/Drain   |
| 43. Ananthapur 3rd Lane                         |       |               |                         |               |                            |                   |                      |

| Name of Road                     | Class | Maintained by | Length of Road<br>in km | Width<br>in m | Bulding Line<br>in meters | Present Condition | Proposed Improvement |
|----------------------------------|-------|---------------|-------------------------|---------------|---------------------------|-------------------|----------------------|
| 44 Ananthapuram 4th Lane         |       |               |                         | 0.22          | 8.00                      | 6.0               | Gravel               |
| 45 Ananthapuram 5th Lane         |       |               |                         | 0.11          | 8.00                      | 6.0               | Gravel               |
| 46 Ramakrishna Veethy            |       |               |                         | 0.50          | 3.00                      | 6.0               | Gravel               |
| 47 Puthurukkamalai Lane          |       |               |                         | 1.00          | 3.00                      | 6.0               | Gravel               |
| 48 Puthurukkamalai Lane          |       |               |                         |               |                           |                   | to be Tarmred Drama  |
| 49 Cross Lane 1                  |       |               |                         |               |                           |                   | to be Tarmred Drama  |
| 50 Devanagar                     |       |               |                         |               |                           |                   | to be Tarmred Drama  |
| 50 Mathumal Veethy               |       |               |                         |               |                           |                   | to be Tarmred Drama  |
| <b>Natchikudha -229 C</b>        |       |               |                         |               |                           |                   |                      |
| 1 1st Lane Prakasam Mawatha      |       |               |                         | 0.08          | 5.00                      | 8.0               | Gravel               |
| 2 2nd Lane Viswanathapuram Lane  |       |               |                         | 0.20          | 5.00                      | 6.0               | Gravel               |
| 3 Adoorong 1st and 2nd Lane      |       |               |                         | 0.06          | 5.00                      | 6.0               | Gravel               |
| 4 3rd Lnearlman Veethy           |       |               |                         | 0.20          | 5.00                      | 6.0               | Gravel               |
| 5 4th Lane Balambukam Koval Lane |       |               |                         | 0.21          | 6.00                      | 6.0               | Gravel               |
| 6 5th Lane Balambukam Lane       |       |               |                         | 0.20          | 5.00                      | 6.0               | Gravel               |
| 7 Adoorong 5th and 8th Lane      |       |               |                         | 0.08          | 5.00                      | 6.0               | Gravel               |
| 8 7th Lane School Lane           |       |               |                         | 0.05          | 5.00                      | 8.0               | Gravel               |
| 9 Adoorong 7th and 8th Lane      |       |               |                         | 0.09          | 5.00                      | 6.0               | Gravel               |
| 10 9th Lane Makabothru Lane      |       |               |                         | 0.25          | 6.00                      | 6.0               | Gravel               |
| 11 10th Lane                     |       |               |                         | 0.07          | 5.00                      | 6.0               | Gravel               |
| 12 11th Lane Talukal Lane        |       |               |                         | 0.04          | 6.00                      | 6.0               | Gravel               |
| 13 12th Lane Sri Sampathy        |       |               |                         | 0.08          | 5.00                      | 6.0               | Gravel               |
| <b>Vallimalai</b>                |       |               |                         |               |                           |                   |                      |
| 1 Uppukuppam Hanur Veethy        |       |               |                         | 0.40          | 3.00                      | 6.0               | Tarmred              |
| 2 Karumalavayalukku Veethy       |       |               |                         | 0.40          | 3.00                      | 6.0               | Tarmred              |
| 3 Mosque Road                    |       |               |                         | 0.80          | 3.00                      | 6.0               | Tarmred              |
| 4 Karumalavayalukku Cross Veethy |       |               |                         | 0.40          | 3.00                      | 6.0               | Gravel               |
| 5 Hiru Veethy                    |       |               |                         | 0.80          | 3.00                      | 6.0               | Gravel               |
| 6 School Veethy                  |       |               |                         | 0.40          | 3.00                      | 6.0               | Gravel               |
| 7 Jannaswara Veethy              |       |               |                         | 0.40          | 3.00                      | 6.0               | Gravel               |
| 8 Jannaswara 1st Cross Lane      |       |               |                         | 0.10          | 3.00                      | 6.0               | Gravel               |
| 9 Mosque Road - 2nd Cross Lane   |       |               |                         | 0.10          | 3.00                      | 6.0               | Gravel               |
| 10 Mosque Road - 3rd Cross Lane  |       |               |                         | 0.10          | 3.00                      | 6.0               | Gravel               |
| 11 Mosque Road - 4th Cross Lane  |       |               |                         | 0.10          | 3.00                      | 6.0               | Gravel               |
| 12 Thala Veethy                  |       |               |                         | 0.20          | 3.00                      | 6.0               | Gravel               |
| 13 Mosque Road - 5th Cross Lane  |       |               |                         | 0.10          | 3.00                      | 6.0               | Gravel               |
| 14 Malumru Veethy                |       |               |                         | 0.50          | 3.00                      | 6.0               | Gravel               |
| <b>Chine Bay</b>                 |       |               |                         |               |                           |                   |                      |
| 1 Gemini Mawatha                 |       |               |                         | 0.25          | 2.00                      | 6.0               | Gravel               |
| 2 Tissa Mawatha                  |       |               |                         | 0.30          | 3.00                      | 6.0               | Gravel               |
| 3 Maheswari Veethy               |       |               |                         | 0.10          | 3.00                      | 6.0               | Gravel               |
| 4 Kadakkal Veethy                |       |               |                         | 0.05          | 3.00                      | 6.0               | Gravel               |
| 5 S.Sandabodhi Veedsa            |       |               |                         | 0.05          | 3.00                      | 6.0               | Gravel               |
| 6 Devirajagama Road              |       |               |                         | 0.70          | 6.00                      | 6.0               | Gravel               |
| 7 Telecom Lane                   |       |               |                         | 0.30          | 3.00                      | 6.0               | Gravel               |
| <b>Kovililady 243 P</b>          |       |               |                         |               |                           |                   |                      |
| 1 Murugan Kovil Road             |       |               |                         | 0.80          | 7.62                      | 6.0               | Tarmred              |
| 2 1st Cross Street               |       |               |                         | 0.30          | 7.62                      | 6.0               | Tarmred              |
| 3 School Lane                    |       |               |                         | 0.10          | 3.00                      | 6.0               | Gravel               |
| 4 3rd Cross Street               |       |               |                         | 0.30          | 6.00                      | 6.0               | Gravel               |
| 5 5th Cross Street               |       |               |                         | 0.25          | 6.00                      | 6.0               | Gravel               |
| 6 3rd Cross Street               |       |               |                         | 0.50          | 6.00                      | 6.0               | Gravel               |
| 7 4th Cross Street               |       |               |                         | 0.15          | 6.00                      | 6.0               | Gravel               |
| 8 5th Cross Street               |       |               |                         | 0.30          | 6.00                      | 6.0               | Gravel               |
| 9 6th Cross Street               |       |               |                         | 0.35          | 6.00                      | 6.0               | Gravel               |
| 10 7th Cross Street              |       |               |                         | 0.25          | 6.00                      | 6.0               | Gravel               |
| 11 8th Cross Street              |       |               |                         | 0.25          | 6.00                      | 6.0               | Gravel               |
| 12 Jamya Veethy                  |       |               |                         | 0.35          | 6.00                      | 6.0               | Gravel               |
| <b>Mihindugama -243 I</b>        |       |               |                         |               |                           |                   |                      |
| 1 1st Lane                       |       |               |                         | 0.50          | 6.00                      | 6.0               | Gravel               |
| 2 2nd Lane                       |       |               |                         | 0.40          | 6.00                      | 6.0               | Gravel               |
| 3 3rd Lane                       |       |               |                         | 1.00          | 6.00                      | 6.0               | Gravel               |
| <b>Rupatukulam -243B</b>         |       |               |                         |               |                           |                   |                      |
| 1 Palay Kond Veethy              |       |               |                         | 0.50          | 9.00                      | 6.0               | Gravel               |
| 2 Sankhu Veethy                  |       |               |                         | 3.50          | 9.00                      | 6.0               | Gravel               |
| 3 Ikkukulam Veethy               |       |               |                         | 0.30          | 9.00                      | 6.0               | Gravel               |
| 4 Housing Scheme Road            |       |               |                         | 0.20          | 9.00                      | 6.0               | Gravel               |
| 5 Athiruppaigam Main Road        |       |               |                         | 0.25          | 9.00                      | 6.0               | Gravel               |
| 6 A.P.C Road                     |       |               |                         | 0.20          | 9.00                      | 6.0               | Gravel               |
| 7 School Road                    |       |               |                         | 0.20          | 9.00                      | 6.0               | Gravel               |
| 8 Muttur Kach Veethi             |       |               |                         | 0.20          | 9.00                      | 6.0               | Gravel               |
| 9 Athiruppaigam Samalithu Road   |       |               |                         | 0.50          | 9.00                      | 6.0               | Gravel               |
| <b>Keraleepoal</b>               |       |               |                         |               |                           |                   |                      |
| 1 1st Lane                       |       |               |                         | 1.00          | 3.00                      | 6.0               | Gravel               |
| 2 2nd Lane                       |       |               |                         | 0.50          | 3.00                      | 6.0               | Gravel               |
| 3 3rd Lane                       |       |               |                         | 0.55          | 3.00                      | 6.0               | Gravel               |
| 4 4th Lane                       |       |               |                         | 0.60          | 3.00                      | 6.0               | Gravel               |
| 5 Periyalakukku Man Road         |       |               |                         | 2.00          | 9.00                      | 6.0               | Gravel               |
| 6 School Road                    |       |               |                         | 0.30          | 6.00                      | 6.0               | Gravel               |
| <b>Sinnappalaiselai</b>          |       |               |                         |               |                           |                   |                      |
| 1 Sinnappalai Road               |       |               |                         | 1.00          | 9.00                      | 6.0               | Tarmred Gravel       |
| 2 New Street                     |       |               |                         | 0.50          | 6.00                      | 6.0               | Gravel               |
| 3 School Road                    |       |               |                         | 0.60          | 9.00                      | 6.0               | Gravel               |
| 4 Community Centre Lane          |       |               |                         | 0.20          | 6.00                      | 6.0               | Gravel               |
| 5 Sea Street -1                  |       |               |                         | 0.20          | 6.00                      | 6.0               | Gravel               |
| 6 Sea Street -2                  |       |               |                         | 0.20          | 6.00                      | 6.0               | Gravel               |
| 7 Sea Street -3                  |       |               |                         | 0.20          | 6.00                      | 6.0               | Gravel               |
| 8 Marle Beach Road               |       |               |                         | 1.00          | 9.00                      | 6.0               | Gravel               |
| 9 Kandy Palen Road               |       |               |                         | 0.20          | 6.00                      | 6.0               | Gravel               |
| <b>Samanthalivu Road</b>         |       |               |                         |               |                           |                   |                      |
| 1 Sampathnou Ithai Lane          |       | RDD           |                         | 0.77          | 6.00                      | 6.0               | Gravel               |
| 2 Sampathnou Salvi / Am. K Road  |       | RDD           |                         | 2.00          | 9.00                      | 6.0               | Tarmred              |
| 3 Meenodhurai Veethy             |       |               |                         | 0.60          | 7.50                      | 6.0               | Gravel               |
| 4 Sampathu East Lane             |       |               |                         | 0.60          | 6.00                      | 6.0               | Gravel               |
| 5 Sampathnou Salvi Rd            |       |               |                         | 1.60          | 9.00                      | 6.0               | Gravel               |
| 6 Samerry Road                   |       |               |                         | 0.50          | 6.00                      | 6.0               | Gravel               |
| 7 Vellamurai                     |       |               |                         | 0.40          | 6.00                      | 6.0               | Gravel               |
| 8 Venkateswaran Kovil Veethy     |       |               |                         | 0.77          | 7.50                      | 6.0               | Gravel               |
| 9 Sampathnou West Road (Anthoni) |       |               |                         |               |                           |                   | to be Tarmred Drama  |



Table 94: PROPOSED BUILDING LINES FOR EXISTING ROAD NETWORK - TOWN & GRAVE IS PRADESH (A SABIA AREA)

| Road Development Department |                              |       |      |      |        |   | Proposed Improvement |
|-----------------------------|------------------------------|-------|------|------|--------|---|----------------------|
| Code No                     | Name of Road                 | Class | From | To   | Status | Total Length (km) Building Line in meters | Present Condition    |
| TC1                         | Palaiyothu Road              | C     | 0    | 1.45 | Metall | 1.45                                      | 9.0                  |
| TC2                         | Pulaikulam - Sampalithu Road | C     | 0    | 2    | Metall | 2   | 9.0                  |
| TC3                         | Salli - Sampalithu Road      | C     | 0    | 2    | Metall | 2   | 9.0                  |
| TC4                         | Salli - Mangeri Road         | D     | 0    | 1.6  | Gravel | 1.6                                       | 9.0                  |
| TC5                         | Kanniya - Hotwells Road      | C     | 0    | 0.8  | Metall | 0.8                                       | 9.0                  |
| TC6                         | Kanniya - Alasgarden Road    | C     | 0    | 3.6  | Metall | 3.6                                       | 9.0                  |
| TC7                         | Selvanyayagampura Road       | C     | 0    | 1.6  | Metall | 1.6                                       | 9.0                  |

**Table 9.5:PROPOSED BUILDING LINES FOR EXISTING ROAD NETWORK - TOWN & GRAVETS THAMPALAGAMUWA  
PRADESHYA SABHA AREA**

| Name of Road                                    | Class | Maintained by | Length of Road<br>in km | Width<br>in m | Building Line<br>in meters | Present Condition | Proposed Improvement |
|---|-------|---------------|-------------------------|---------------|----------------------------|-------------------|----------------------|
| 1. Kallimedu Mariyamman Road                    | Rural |               |                         | 1.0           | 6.0                        | Tarred            |                      |
| 2. Kallimadu - Kuyanavatu Road                  |       |               |                         | 0.5           | 6.0                        | Tarred            |                      |
| 3. Koolampuli - Kallimedu Road                  |       |               |                         | 0.5           | 6.0                        | Tarred            |                      |
| 4. Koolampuli - Sippithidal Road                |       |               |                         | 0.5           | 6.0                        | Tarred            |                      |
| 5. Sippithidal - Kakalithidal Road              |       |               |                         | 1.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 6. Koolampuli - Kudamuruthi Road                |       |               |                         | 1.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 7. Kootampuri - Kudamuruthi Road                |       |               |                         | 2.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 8. Vannathithidal Road                          |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 9. Pattimedu - Vannathithidal Road              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 10. Pattimedu - Pillayar Road                   |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 11. Pattimedu - Thambalagamuwa Road             |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 12. Kovilody - Brammar Road                     |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 13. Kovilady - School Road                      |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 14. Kovilayal Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 15. Nayanthithidal Road                         |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 16. Kudamuruthi - Sudaiai Road                  |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 17. Puthukudiyirippu Cemetery Road              |       |               |                         | 0.8           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 18. Puthukudiyirippu 1st Cross Road             |       |               |                         | 0.8           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 19. Puthukudiyirippu - Mariyamman Road          |       |               |                         | 0.7           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 20. Putrukudiyirippu - Thambalagamuwa Road      |       |               |                         | 0.8           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 21. Puthukudiyirippu - 4th Sekilar Road         |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 22. Puthukudiyirippu - Thelungunagar Road       |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 23. Polkemy Road                                |       |               |                         | 2.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 24. Weaving Centre Road                         |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 25. 1st Cross Road                              |       |               |                         | 2.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 26. Velluvar Road, Pikemy                       |       |               |                         | 2.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 27. By Lane Road                                |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 28. 13th Mile Post 1st Cross Road               |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 29. 13th Mile Post Galmettiyawa Road            |       |               |                         | 2.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 30. Sam Malai Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 31. 2nd Cross Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 32. 3rd Cross Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 33. 4th Cross Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 34. School 10th Unit Road                       |       |               |                         | 1.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 35. 10th unit Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 36. Sinhala School Road - 10th Unit Road        |       |               |                         | 2.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 37. 10th Unit Cross Road                        |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 38. School to 10th Unit Road                    |       |               |                         | 1.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 39. Saliyapura - Kumpuru Road                   |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 40. 95th Galmettiyawa 1st Cross Road            |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 41. Al Satham Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 42. Eachchanagar Road                           |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 43. 1st Cross Street - Galmettiyawa             |       |               |                         | 1.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 44. 2nd Cross Street - Galmettiyawa             |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 45. 95th Galmettiyawa Cemetery Road             |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 46. Kayanvady Galmettiyawa Road                 |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 47. Kayanvady Kumpuru Road                      |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 48. 7th Unit Buharinahar Cross Road             |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 49. Buharinagar Central Road                    |       |               |                         | 2.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 50. 95th Cross Road Saliyapura - 10th Unit Road |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 51. Buharinagar School Cross Road               |       |               |                         | 2.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 52. 5th Cross Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 53. 6th Cross Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 54. Galmettiyawa Cross Road                     |       |               |                         | 1.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 55. 99 1st Cross Road                           |       |               |                         | 0.3           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 56. 98th Meenanganer 1st Cross Road             |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 57. 98 Galmettiyawa Pansala Road                |       |               |                         | 3.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 58. 98 School Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 59. Tissapura Main Road                         |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 60. Pansala Road                                |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 61. Arasamara Road                              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 62. Ulamyan Anu Road                            |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 63. Jameethiya Mosque Road                      |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 64. Cemetery Road                               |       |               |                         | 1.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 65. Station Road                                |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 66. Pansala Cooperative Inner Road              |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 67. Station Road                                |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 68. 9th Unit Pillai Stores Road                 |       |               |                         | 1.3           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 69. Kovil Veetthy                               |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 70. 1st Cross Street                            |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 71. 3rd Channel Road                            |       |               |                         | 1.0           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 72. Enam Road                                   |       |               |                         | 0.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 73. 7th Unit Road                               |       |               |                         | 1.5           | 6.0                        | Gravel            | to be Tarred/ Drains |
| 74. Buharinagar - Filima Vidyalaya Central Road |       |               |                         | 2.5           | 6.0                        | Gravel            | to be Tarred/ Drains |

| Name of Road                                     | Class | Maintained by | Length of Road in km | Width in m | Building Line in meters | Present Condition    | Proposed Improvement |
|--|-------|---------------|----------------------|------------|-------------------------|----------------------|----------------------|
| 75. 95 Saliyapura 10th Unit Buharinagar Vid Road |       |               | 2.5                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 76. Jamaliya Central Road                        |       |               | 0.5                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 77. Jamaliya Cross Road                          |       |               | 0.5                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 78. Railway Cross Road                           |       |               | 0.8                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 79. Kayanvadi Mosque Cross Road                  |       |               | 2.5                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 80. Kayanvadi Cross Road                         |       |               | 1.0                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 81. Thaqavanagar 4th Channel Mosque Road         |       |               | 1.0                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 82. 4th Channel Mohamathiya Road                 |       |               | 0.5                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 83. 4th Channel School Road                      |       |               | 1.0                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 84. Hameethiya Road                              |       |               | 0.5                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 85. 1st Cross Road                               |       |               | 0.5                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 86. 10th Unit 95th Mile Posi Road                |       |               | 3.0                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 87. Mosque Cross Road                            |       |               | 1.0                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 88. Jamiyah Central Road                         |       |               | 1.0                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 89. Jamya Cross Road                             |       |               | 2.0                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 90. Station Near Road                            |       |               | 2.5                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 91. Sirajnagar 6th Channel Road                  |       |               | 3.2                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 92. 97th Sirajnagar Main Road                    |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 93. Sirajnagar 96th Main Road                    |       |               | 1.6                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 94. Sri rajnagar 16th Cross Road                 |       |               | 0.8                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 95. Pulikudibazaar Road                          |       |               | 3.2                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 96. Salam Road                                   |       |               | 1.2                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 97. Muslim School Front Vallikula Road           |       |               | 0.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 98. Japan Road                                   |       |               | 1.2                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 99. Sinhala School Behind Road                   |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 100. Gemunupura School 1st Cross Road            |       |               | 1.6                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 101. Gemunupura School 2nd Cross Road            |       |               | 1.6                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 102. Mylthivu Road                               |       |               | 1.6                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 103. Mylthivu 2nd Cross Road                     |       |               | 1.8                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 104. Sirajnagar Mushtagan Main Road              |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 105. Sirajnagar Pathima Maha Vidyalaya Road      |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 106. Mouland Sirajnagar Road                     |       |               | 1.2                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 107. Hasan Hajir Road                            |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 108. Farook Sirajnagar Road                      |       |               | 1.6                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 109. Sirajnagar Road                             |       |               | 0.8                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 110. Rakeem Road                                 |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 111. Sarif Lebbe Road                            |       |               | 1.6                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 112. Hanifa Road                                 |       |               | 1.2                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 113. Bathur Road                                 |       |               | 1.2                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 114. Mushahid Nagar Road                         |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 115. Gemunupura Gunathilaka Road                 |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 116. Dial Road                                   |       |               | 2.4                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |
| 117. Gunasena Road                               |       |               | 1.2                  | 6.0        | Gravel                  | to be Tarred/ Drains |                      |

**VOLUME I**  
**PART 111: DEVELOPMENT PROJECTS**

## **10.0 Major Development Project Proposals for Trincomalee Metro Urban Development Area**

### **10.1 Proposed Major Development Projects for Trincomalee Metro Urban Development Area**

On the basis of the existing situation, potentials for future development and addressing the issues of the area falling within Trincomalee Metro Urban Development Area the proposed development activities are spread in to the urban centers located in the area. The locations of major projects, which are appropriate on the basis of above factors, are indicated in Fig. 10.1.

Fig. 10.1 indicates the locations of following major construction sites within the New Urban centers:

- Middle Income Housing Complexes
- Administrative Complexes
- Police Complex
- Special Economic Zone
- Outer Circular Road
- Coal Power Plant at Sampur
- New Fisheries Harbour and Fisheries Centre at Poduwaikattu
- New Industrial Township and Administrative Township
- New Tourist Resorts and Areas
- New Industrial Housing Areas

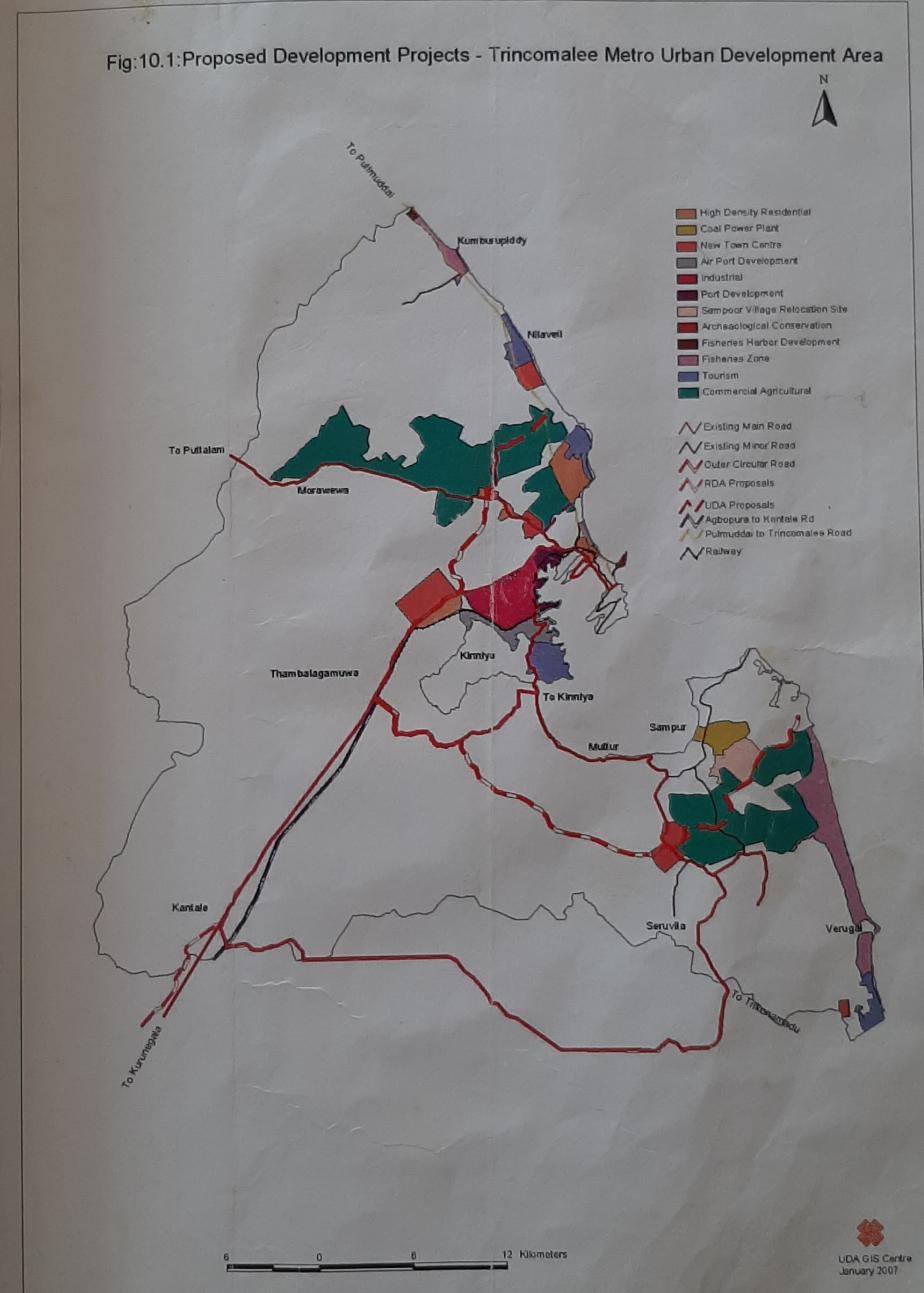
Proposed Road Network as it indicated in Fig 10.2 provides locations of road construction programme for the Trincomalee Metro Development Area over the next 23 years in order to facilitate the proposed major development programmes as well as residential development activities.

## **11.0 Tentative Project Cost and Project Briefs**

### **11.1 Tentative Project Cost**

The advanced indicative development project proposals and tentative project cost estimates for Trincomalee Metro Urban Centre Development Area are given below:

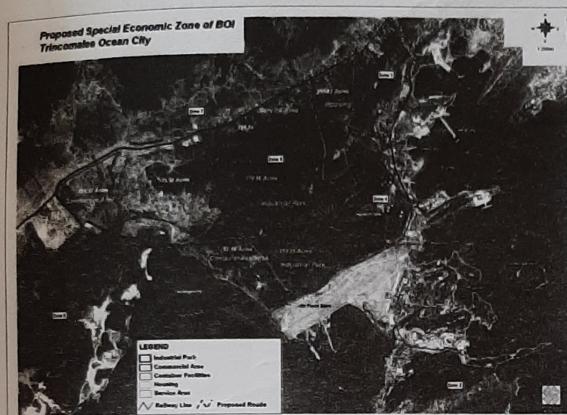
Fig:10.1:Proposed Development Projects - Trincomalee Metro Urban Development Area



**PROJECT BRIEF ON ACTION PROJECTS**  
**TRINCOMALEE METRO URBAN CENTRE DEVELOPMENT PROGRAMME**

**2.0 NAME OF PROJECT : SPECIAL ECONOMIC ZONE**

**LOCATION OF PROJECT : Kappalthurai, China Town**



**OBJECTIVE**

At present agriculture, tourism and fisheries sectors act as main contributors to the regional development in Trincomalee Metro Urban Centre. However unemployment rate and the low level of income generation activities are pressing needs to be addressed in the development plan as the area is suffered heavily over the last two decades due to civil disturbances.

Geographically, there is also a disparity in employment distribution in the area where possible employment opportunities are available in the town center due to its proximity to the main economic activities however hinterland area is lagging behind.

Considering the projected rapid economic growth, the pressing need for land suitable for local and foreign investments (manufacturing and commercial), the disparity in job opportunities and the changing global economic landscape, it becomes very crucial that there must be a strategy for allocating employment generating land uses.

The proposed Special Economic Zone (SEZ), where land prices are likely to be much lower than that in the city will accommodate industries, which require larger land plots, especially for the large scale industry that are expected to set-up within the area.

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## 1. INSTITUTIONAL RESPONSIBILITIES

### 1.1 Purpose of the EIA requirement:

The purposes of environmental impact assessment (EIA) are to ensure that development options under consideration are environmentally sound and sustainable and that environmental consequences are recognised and taken into account early in project design. EIAs are intended to foster sound decision making, not to generate paperwork. The EIA process should also help public officials make decisions that are based on understanding of environmental consequences, and take actions that protect, restore and enhance the environment.

The National Environmental Act No 47 of 1980 (NEA) is our basic national charter for protection and management of the environment. The NEA was amended by Act No 56 of 1988 to include a provision relating to environmental impact assessment contained in Part IV C of the statute entitled "Approval of Projects." Under the provisions of section 23 Z of the NEA the EIA process applies only to "Prescribed projects" which have been specified by the Minister in charge of the subject of Environment in Gazette Extra-ordinary No 772/22 of 24th June 1993 and will be implemented through designated Project Approving Agencies (PAA) as prescribed by the Minister under Section 23 Y of the NEA. Under Section 23 CC of the NEA, regulations have been made by the Minister stating the procedures that should be followed in order to achieve the EIA requirements of the NEA.

The Central Environmental Authority as the agency charged with the responsibility of implementing the above provisions of the NEA, will promptly advise PAA's of any amendments to the NEA relevant to Part IV C and/or the orders and regulations included in Gazette Extra-ordinary No 772/22 of 24th June, 1993.

### 1.2 Goals of Project Approving Agencies (PAA):

At present, 17 state agencies have been specified as Project Approving Agencies (PAA) by the Minister under Section 23Y of the NEA as contained in Gazette Extra-Ordinary No. 259/14 of 23rd February 1995. (Appendix 6). The EIA practices and procedures of every PAA should ensure that high quality environmental information is available to public officials and citizens before decisions are made and before the government makes any significant commitment of environmental resources. To achieve this goal, Project

**Approving Agencies should to the fullest extent possible:**

- Interpret and administer the applicable provisions of the NEA and the National Environmental (Procedure for approval of projects) Regulations as gazetted from time to time, to implement the EIA process.
- Subject all Prescribed Projects to the EIA Process
- Make the EIA process useful to decision makers and the public by emphasizing real environmental issues and alternatives resulting in concise, clear, well focussed assessments.
- Integrate EIA requirements with other planning and environmental review procedures required by law or by agency practice so that all such procedures run concurrently rather than consecutively.
- Facilitate public involvement in decisions which affect the quality of the environment.
- Use the EIA process to identify and assess reasonable alternatives to proposed actions that may avoid or minimize adverse effects on the quality of the environment.
- Use all practicable means, consistent with NEA requirements and other essential considerations of national policy to restore and enhance the quality of the environment and avoid or minimize any possible adverse environmental effects of their actions.

**EIA/PAA Inter-Agency Committee**

The CEA will help PAA meet these objectives through an EIA/PAA Inter-Agency Committee, established under the chairmanship of the Secretary of the Ministry in charge of the subject of Environment. The Committee will be convened by the CEA. The Committee is intended to help the Ministry and the CEA to oversee and facilitate the EIA process. The committee shall include representatives of all PAAs, and participation of NGOs will also be invited. The functions of this committee will be:

- (a) to review the positional status of the implementation of the EIA process;
- (b) to advise and guide the PAAs;
- (c) to recommend approaches for integrating EIAs into national policy and planning frameworks.

This committee will meet once every 2 months, or as and when required.

**PAA responsibilities:**

- It is the responsibility of every Project Approving Agency (PAA) to carry out the requirements stated in section 1.2 effectively and practically. Primary responsibilities of the PAA are to:
- ◆ subject all prescribed projects to IEE/EIA requirements;
  - ◆ ensure and guide proper scoping processes for EIAs/IEEs;
  - ◆ draft Terms of Reference (ToR) for IEEs or EIAs;
  - ◆ establish, conduct, and participate in technical evaluation and reviews during and after EIA preparation;
  - ◆ ensure public notification of IEE/EIA for public review;
  - ◆ evaluate and respond to comments received from the public or other agencies;
  - ◆ establish necessary mitigatory measures and ensure that they are incorporated in any permit or approval conditions;
  - ◆ ensure implementation of the conditions through effective monitoring;
  - ◆ help investors and EIA preparers to apply information to EIAs that is available within the PAA and its components;
  - ◆ obtain concurrence of the CEA prior to making an EIA project decision.

**PAA operating procedures:**

To carry out these responsibilities each PAA should establish its own operating procedures that match its own organization and meet its own particular needs. PAAs are advised to establish the following procedures and management practices:

**EIA Cell**

- (a) Legal responsibility for all decisions of the PAA respecting the EIA process is:
  - for a PAA Ministry, the Secretary;
  - for a PAA Department, the Head;
  - for a PAA Authority/Bureau, the Chief Executive.
- (b) An EIA Cell should be established within each PAA for each subject area. The EIA cell will be responsible for administering the EIA process within the PAA. It may have a small permanent staff, or it may depend on staff from other components of the PAA. A member of the cell should be and elsewhere. However, the PAA must ensure that such technical

members of the public on all matters connected with the EIA process. Focal points of the PAA represent the PAA/EIA Inter Agency Committee.

(c) Facilitate EIA preparation through close liaison with PPs.

(d) Receive and evaluate compliance monitoring reports.

**1.5.2 EIA Oversight Committee**

The Secretary of the PAA Ministry, or the Head of the PAA department or the Chief Executive of the PAA Authority / Bureau should chair an EIA Oversight Committee whose administrative secretary will be a member of the EIA Cell of the PAA. The Committee should include a small number of members representing each of the primary (and environmentally important) components of the PAA, including components with legal responsibilities affecting project approval. Meetings should be no less than quarterly or as and when required. A representative of the CEA could be an observer of the proceedings of the Committee.

If any member of the Oversight Committee is a proponent of a project being revived, such member shall desist from being a member of the Oversight Committee.

It's duties are to:

- ◆ Advise the chairman (as the legally responsible person for EIA compliance under the NEA) on EIA process decisions;
- ◆ Oversee PAA compliance with EIA requirements and policies of the NEA;
- ◆ Identify needs for policy and procedural direction to PAA components to improve EIA compliance;
- ◆ Make project decisions based on completed EIA's;
- ◆ Assess problems and make recommendations;

**1.5.3 Technical Evaluation Committee (TEC)**

A temporary Technical Evaluation Committee should be formed for each IEE/EIA for which a PAA is the responsible agency. This Evaluation Committee should be comprised of technical level people charged with all technical aspects of the EIA process. The committee should prepare a TEC report to be used in decision making. Technical personnel may include members of the EIA Oversight Committee, experts from within the PAA, and others from government agencies, NGOs, academic institutions,

*the PAA. It may have a small permanent staff, or it may depend on staff from other components of the PAA. A member of the cell should be designated as the focal point to interact with CEA, other PAAs, and elsewhere. However, the PAA must ensure that such technical personnel have no conflicts of interest with the preparation of the EIA by the project proponent. The PAA may wish to establish a list of appropriate technical experts to draw upon. The Technical Evaluation Committee should be chaired by a member of the EIA Cell of the PAA. It should communicate all technical evaluations and decisions to the EIA Oversight Committee, referred to above. It will meet as often as necessary. The Evaluation Committee may also serve as the PAA's monitoring arm to ensure compliance with EIA mitigation/monitoring requirements. Role of the CEA in this committee will be to administer the procedure in respect of EIA.*

**1.6 PAA as designated appropriate agency**

Project proponent can submit Preliminary Information (PI) to CEA and on following criteria CEA will decide an appropriate PAA.  
A single PAA will be established as responsible for guiding the preparation of an IEE or EIA. Actual preparation of the IEE/EIA will be the responsibility of the developer or project proponent (PP). Determination of the appropriate PAA will be based on the following unranked criteria:

- ◆ the PAA having jurisdiction over the largest area, or
- ◆ having jurisdiction over diverse or unique ecosystems, or within whose jurisdiction the environmental impacts (resource depletion) are likely to be the greatest,
- ◆ the PAA having statutory authority to license or otherwise approve the prescribed project

If PAAs are unable to agree among themselves on which agency will be the appropriate agency, or if there is unreasonable delay in making a decision, any of the PAAs or a project proponent shall request the CEA to determine which agency should be the lead agency. The CEA will promptly designate a responsible PAA based on the above criteria and will notify the PP and the PAAs concerned.

If a PAA is the project proponent, the CEA will identify the appropriate PAA.

#### **1.7 Co-operating Agencies**

*It is advisable that upon request of the responsible PAA, any other state agency which has jurisdiction by law or has special expertise should be a co-operating agency in the IEE/EIA process. In such cases, the designated PAA should:*

- 1. Request the participation of each co-operating agency in the EIA process at the earliest possible time;**
- 2. Use the environmental analysis and proposals of co-operating agencies with jurisdiction by law or special expertise, to the maximum extent possible, consistent with its responsibility as the appropriate PAA;**

*Each co-operating agency should:*

- 1. participate in the EIA process at the earliest possible time, including the scoping process;**
- 2. Assume (on request of the designated PAA) responsibility for developing information for the EIA process.**
- 3. Make available staff support at the designated PAA's request, and normally use its own funds for this purpose.**
- 4. Integrate its own permit/licensing or other legal functions relating to the prescribed project into the information gathering, analysis, and decision schedule of the IEE/EIA.**

## **2. PROCEDURES FOR COMPLIANCE WITH REGULATIONS**

### **2.1 Preliminary Information (PI) requests**

*It is the responsibility of PAAs to obtain information from project proponents at the earliest practical stage regarding the nature, location, and impacts of a proposed project that requires an IEE or an EIA. CEA has already compiled checklists and questionnaire in order to collect Preliminary Information. PAA may use them for obtaining Preliminary Information from project proponents. PAAs should prepare preliminary information for use by project proponents that can be adapted to different kinds of projects. Information requested should:*

- ◆ Help the PAA determine whether an IEE or EIA is required;
- ◆ help the PAA identify questions and issues for attention in the scoping process, including whether an IEE or EIA is required, and what such documents should require;
- ◆ to the extent possible, satisfy requirements for an IEE if no EIA is required.

*PAAs may obtain help from the CEA and other PAAs on preliminary information forms and questionnaires.*

### **2.1.1 Notice of adequacy of Preliminary Information**

*Once the PAA is satisfied that adequate preliminary information has been received, the PAA should acknowledge its receipt in writing within six (6) days. When documents are found inadequate, the PAA should so inform the PP as early as possible (Appendix 3).*

### **2.2 Scoping**

*There should be an early and open process for determining the scope of issues to be addressed and for identifying the significant issues related to a proposed action. This process is termed scoping.*

*As part of the scoping process the appropriate PAA should:*

- 1. Invite the formal and informal participation of all concerned agencies, the proponent of the action, and other interested persons (including representatives of the affected public and others who might have an interest in the project).**

## 6. ABBREVIATIONS AND TERMINOLOGY

### ABBREVIATIONS

|     |   |                                   |
|-----|---|-----------------------------------|
| CEA | - | Central Environmental Authority   |
| EIA | - | Environmental Impact Assessment   |
| IEE | - | Initial Environmental Examination |
| NEA | - | National Environmental Act        |
| NGO | - | Non Governmental Organisation     |
| PAA | - | Project Approving Agency          |
| PI  | - | Preliminary Information           |
| PP  | - | Project Proponent                 |
| TOR | - | Terms of Reference                |
| TEC | - | Technical Evaluation Committee    |

### Effects

"Effects" include :

- a. Direct effects which are caused by the action and occur at the same time and place.
- b. Indirect effects which are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems including ecosystems.
- c. Environmental effects and impacts as used in this document are synonymous. Effects include ecological (such as the effects on natural resources and on the components, structures and functioning of affected ecosystems), aesthetic, historic, cultural, economic, social or health, whether direct, indirect or cumulative. Effects may also include those resulting from actions which may have both beneficial and detrimental effects even if on balance the agency believes that the effect will be beneficial.

### Appropriate PAA

The "appropriate" PAA is the ministry/department/authority or other public entity that is responsible for the EIA process for a proposed prescribed project.

### Mitigation

"Mitigation" includes :

- a. Avoiding the impact altogether by not taking a certain action or parts of an action.
- b. Minimizing impacts by limiting the degree or magnitude of the action and its implementation.
- c. Rectifying the impact by repairing, rehabilitating or restoring the affected environment.
- d. Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action.
- e. Compensating for the impact by replacing or providing substitute resources or environments.

### TERMINOLOGY

### Co-operating agency

"Co-operating agency," means any agency other than an appropriate PAA agency which has jurisdiction by law or special expertise with respect to any environmental impact involved in a proposal project.

### Cumulative impact

"Cumulative impact" is the impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency or person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.

**5) RECEIPT OF EIAR/EERR**

We acknowledge receipt of the EIA/IEE study of the proposed (name of the Project) submitted by you in terms of the National Environmental Act.

**6) NOTICE OF ADEQUACY OF EIAR**

This is to notify (Project proponent.....) that the EIA submitted by you on (date.....) is, prima facie, adequate and will be opened for public inspection and comment in terms of the National Environment (Procedure for approval of projects) Regulation No 1 of 1993.

.....  
.....  
  
(PAA)

.....  
.....  
  
(PAA)

34

## 7) NOTICE OF INADEQUACY OF EIA

This is to notify you, in terms of Regulation 10 of the National Environmental (Procedure for Approval of Projects) Regulation No. 1 of 1993, that the EIA submitted by you on (date.....) is, *prima facie*, inadequate. In particular the EIA has not addressed the following items referred to in the TOR:-

1. ....
2. ....
3. ....
4. ....

Please make necessary amendments to the EIA and re-submit the same together with (number.....) copies thereof and translations in Sinhala & Tamil.

.....  
(PAA)

35

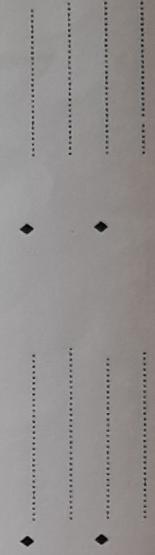
## 8) PUBLIC COMMENTS NOTICE

### NOTIFICATION

#### UNDER SECTION 23 BB, SUBSECTION (2) OF THE NATIONAL ENVIRONMENTAL ACT.

*(Name of the project.....)*

The Report on the Environmental Impact Assessment study/Initial Environmental Examination Study of the proposed *(Name of the project.....)* submitted by *(Project proponent.....)* under section 23 BB(1) of the National Environmental Act No. 47 of 1980 as amended by Act No 56 of 1988, will be available for inspection by the public at the following locations between 9.00 a.m. and 4.15 p.m. for a period of 30 days (except Sundays and Public Holidays).



Any member of the public may within 30 days submit their comments in writing on the above document to the (PAA.....)

**9) PUBLIC HEARING NOTICE**

EIA/IIE STUDY OF THE PROPOSED (*name of the project.....*)

Further to the written comments received from the public in terms of section 23 BB (3) of the National Environmental Act on the IE/EIA study of the proposed (*name of the project.....*) submitted by the (*Project Proponent.....*) under section 23 BB (i) of the National Environmental Act, it has been decided to hold a public hearing under section 23 BB(3) of the National Environmental Act. You are invited to attend the public hearing to be held at the (*place.....*) on the (*date.....*) at (*time.....*) and to make oral or written submissions in support of your written comments.

.....  
PAA

CC: (*Project Proponent*) you are invited to attend this hearing. You may bring along the personnel who prepared the EIA/R/IER  
.....

**NB** Public hearing notice need only be served on those who have made written comment in response to the public inspection notice.

**10) NOTICE CALLING FOR PROJECT PROONENT TO RESPOND  
TO PUBLIC COMMENTS**

Annexed please find written comments received from the public ( / and further submissions / comments / evidence / received during the public hearing held) on the EIA/IIE submitted by you. Please respond to these comments as fully as possible. Please note that we cannot process your application for approval further until we receive your responses.

.....  
PAA

Enclosed - copies of written comments / submission / evidence

.....  
{ optional }

(38)

11a) FINAL DECISION ON EIAR (Granting approval)

Name of the project.....

This is to inform you that the Project Approving Agency..... after study of the EIAR report of the proposed Name of the project..... and review of the comments received from the public and your responses to such comments, has decided, with the concurrence of the CEA, in terms of regulations 13 of the National Environmental (Procedure for approval of projects) Regulations No. 1 of 1993, to grant approval for the implementation of the above project subject to the following conditions:-

1. The project should be concluded within date..... unless upon written application within thirty days prior to this date Project approving Agency..... extends this time.

2. ....  
3. ....  
4. ....

We wish to draw your attention to regulation 17 which states:

17. i A project proponent shall inform the appropriate Project Approving Agency of -  
(a) any alteration to a 'prescribed' project approved under regulations 9(i), and 13(i); and/or  
(b) the abandonment of such approved project

\* ii The project proponent shall where necessary obtain fresh approval in respect of any such alterations that are intended to be made to such project. The Project Approving Agency shall in consultation with the Authority determine the scope and format of the supplemental report required to be submitted for such alterations.

iii The project proponent shall, where a project is abandoned, restore the project site to a condition as specified by the Project Approving Agency.

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11b) FINAL DECISION ON EIAR (Refusing approval)

Name of the project.....

This is to inform you that the Project Approving Agency..... after study of the EIAR report of the proposed Name of the project..... and review of the comments received from the public and your responses to such comments, has decided, with the concurrence of the CEA, in terms of regulations 13 of the National Environmental (Procedure for approval of projects) Regulations No. 1 of 1993, to refuse approval for implementation of the above project for the following reasons -

1. ....  
2. ....  
3. ....

PAA

iii The project proponent shall, where a project is abandoned, restore the project site to a condition as specified by the Project Approving Agency.

40

11c) FINAL DECISION ON IEER (Granting approval)

(name of the project.....)

This is to inform you that the (Project Approving Agency.....) after study of the IEER report of the proposed (name of the project.....) and review of the comments received from the public and your responses to such comments, has decided, with decided, in terms of regulations 9(i) of the National Environmental Procedure for approval of projects). Regulations No. 1 of 1993, to grant approval for the implementation of the above project subject to the following conditions:-

1. The project should be concluded within (date.....) unless upon written application within thirty days prior to this date (Project approving agency.....) extends this time.

2. ....

3. ....

4. ....

We wish to draw your attention to regulation 17 which states;

17. i A project proponent shall inform the appropriate Project Approving Agency of-
  - (a) any alteration to a prescribed project approved under regulations 9(i), and 13(i); and/or
  - (b) the abandonment of such approved project

.....  
PAA  
ii The project proponent shall where necessary obtain fresh approval in respect of any such alterations that are intended to be made to such project. The Project Approving Agency shall in consultation with the Authority determine the scope and format of the supplemental report required to be submitted for such alterations.

iii The project proponent shall, where a project is abandoned, restore the project site to a condition as specified by the Project Approving Agency.

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11d) FINAL DECISION ON IEER (Refusing approval)

(name of the project.....)

This is to inform you that the (Project Approving Agency.....) after study of the IEER report of the proposed (name of the project.....) and review of the comments received from the public and your responses to such comments, has decided, with the concurrence of the CEA, in terms of regulations 9(i) of the National Environmental (Procedure for approval of projects). Regulations No. 1 of 1993, to refuse approval for implementation of the above project for the following reasons -

1. ....
2. ....
3. ....

**12 PUBLIC NOTICE OF FINAL DECISION**

NATIONAL ENVIRONMENTAL ACT  
PUBLIC NOTICE OF FINAL DECISION (EIAR)

**PROJECT APPROVING AGENCY.....**  
*(name of project.....)*

**NOTIFICATION UNDER SECTION 23 BB (4)**

*This is to inform the public that after a study of the EIA/IEE report of the above project, review of the comments received from the public and the project proponents responses to such comments the (PA.....) has decided, with the concurrence of the CEA, in terms of regulation 13 of the National Environmental (Procedure for approval of projects) Regulation No. 1 of 1993 to grant approval for the implementation of the above project subject to specified terms and conditions.*

**APPENDIX 4**

PROJECTS AND UNDERTAKINGS PRESCRIBED BY THE HON MINISTER IN CHARGE OF THE SUBJECT OF ENVIRONMENT FOR WHICH APPROVAL SHALL BE NECESSARY UNDER THE PROVISIONS OF PART IV C OF THE NATIONAL ENVIRONMENTAL ACT (AS CONTAINED IN GAZETTES (EXTRA-ORDINARY) NO 772/22 OF 24TH JUNE 1993 AND NO 859/14 OF 23RD FEBRUARY 1995)

**SCHEDULE**

Part I

PROJECTS AND UNDERTAKINGS IF LOCATED WHOLLY OR PARTLY OUTSIDE THE COASTAL ZONE AS DEFINED BY COAST CONSERVATION ACT NO. 57 OF 1981 (Fig 1)

- 1 All river basin development and irrigation projects excluding minor irrigation works (as defined by Irrigation Ordinance chapter 453)
- 2 Reclamation of Land, wetland area exceeding 4 hectares
- 3 Extraction of timber covering land area exceeding 5 hectares
- 4 Conversion of forests covering an area exceeding 1 hectare into non-forest uses
- 5 Clearing of land areas exceeding 50 hectares
- 6 *Mining and Mineral Extraction*
  - ◆ Inland deep mining and mineral extraction involving a depth exceeding 25 meters
  - ◆ Inland surface mining of cumulative areas exceeding 10 hectares
  - ◆ All off shore mining and mineral extractions.
  - ◆ Mechanized mining and quarrying operations of aggregate, marble, limestone, silica, quartz, and decorative stone within 1 kilometer of any residential or commercial areas.

**12 Resettlement**

- ◆ Involuntary resettlement exceeding 100 families other than resettlement effected under emergency situations.
- 13 Water supply
  - ◆ All ground water extraction projects of capacity exceeding 1/2 million cubic meters per day
  - ◆ Construction of water treatment plants of capacity exceeding 1/2 million cubic meters
- 14 Pipelines
  - ◆ Laying of gas and liquid (excluding water) transfer pipelines of length exceeding 1 kilometer
- 15 Hotels
  - ◆ Construction of Hotels or holiday resorts or projects which provide recreational facilities exceeding 99 rooms or 40 Hectares, as the case may be.
- 16 Fisheries
  - ◆ Aquaculture development projects of extent exceeding 4 hectares
  - ◆ Construction of fisheries harbours
  - ◆ Fisheries harbour expansion projects involving an increase of 50% or more in fish handling capacity per annum
- 17 All tunnelling projects
- 18. Disposal of Waste
  - ◆ Construction of any solid waste disposal facility having a capacity exceeding 100 tons per day.
  - ◆ Construction of waste treatment plants treating toxic or hazardous waste.
- 19. Development of all Industrial Estates and Parks exceeding an area of 10 hectares

1998

**20 Iron and Steel Industries**

- ◆ Manufacture of iron and steel products of production capacity exceeding 100 tons per day using iron ore as raw material
- ◆ Manufacture of iron and steel products of production capacity exceeding 100 tons per day using scrap iron as raw material

**21 Non-Ferrous Basic Metal Industries**

- ◆ Smelting of aluminium or copper or lead of production capacity exceeding 2.5 tons per day

**22 Basic Industrial Chemicals**

- ◆ Formulation of toxic chemicals of production capacity exceeding 50 tons per day
- ◆ Manufacture of toxic chemicals of production capacity exceeding 2.5 tons per day

**23 Pesticides and Fertilizers**

- ◆ Formulation of pesticides of combined production capacity exceeding 50 tons per day
- ◆ Manufacture of pesticides of combined production capacity exceeding 25 tons per day

**24 Petroleum and Petrochemical**

- ◆ Petroleum refineries producing gasoline, fuel oils, illuminating oils, lubricating oils and grease, aviation and marine fuel and liquified petroleum gas from crude petroleum
- ◆ Manufacture of petro-chemicals of combined production capacity exceeding 100 tons per day from raw materials obtained from production processes of oil refinery or natural gas separation.

**25 Tyre and Tube Industries**

- ◆ Manufacture of tyre and tubes of combined production capacity exceeding 100 tons per day from natural or synthetic rubber

**26 Sugar factories**

- ◆ Manufacture of refined sugar of combined production capacity exceeding 50 tons per day

**27 Cement and Lime**

- ◆ Manufacture of Cement
- ◆ Manufacture of lime employing kiln capacity exceeding 50 tons per day

**28 Paper and Pulp**

- ◆ Manufacture of paper or pulp of combined production capacity exceeding 50 tons per day
- ◆ Manufacture of paper or pulp of combined production capacity exceeding 50 tons per day
- ◆ Spinning, Weaving and Finishing of Textiles
- ◆ Integrated cotton or synthetic textile mills employing spinning, weaving, dyeing and printing operations together, of combined production capacity exceeding 50 tons per day

**30 Tanneries and Leather Finishing**

- ◆ Chrome tanneries of combined production capacity exceeding 25 tons per day
  - ◆ Vegetable (bark) of combined production capacity exceeding 50 tons per day
- Provided however, where the projects and undertaking set out in items 20 to 30 are located within Industrial Estates and parks as described at (19) above, the approval shall not be necessary under the provisions of Part IV C of the Act.

- 31 Industries which involve the manufacture, storage or use of Radio Active Materials as defined in the Atomic Energy Authority Act No. 19 of 1969 or Explosives as defined in the Explosives Act, No. 21 of 1956, excluding for national security reasons.

Part II

(32) All projects and undertaking listed in Part I irrespective of their magnitudes and irrespective of whether they are located in the coastal zone or not, if located wholly or partly within the areas specified in part II of the Schedule.

The following industries if located wholly or partly within the areas specified in Part II of the Schedule.

- (33) Iron and Steel
- (34) Non-Ferrous Basic Metal
- (35) Basic Industrial Chemicals
- (36) Pesticides and Fertilizers
- (37) Synthetic Resins, Plastic materials and Man-made Fibres
- (38) Other Chemical Products
- (39) Petroleum and Petro-chemical Products
- (40) Tyres and Tubes
- (41) Manufacturing and Refining of Sugar
- (42) Alcoholic Spirits
- (43) Malt Liquors and Malt
- (44) Cement and Lime
- (45) Non-metallic Mineral Products
- (46) Paper, Pulp and Paperboard
- (47) Spinning, Weaving and Finishing of Textile
- (48) Tanneries and Leather Finishing
- (49) Shipbuilding and Repairs
- (50) Railroad Equipment
- (51) Motor Vehicles
- (52) Air Craft

PART III

1. Within 100 m from the boundaries of or within any area declared under the National Heritage Wilderness Act No 3 of 1983; the Forest Ordinance (Chapter 41); whether or not such areas are wholly or partly within the Coastal Zone as defined in the Coast Conservation Act, No. 57 of 1981.
2. Within the following areas whether or not the areas are wholly or partly within the Coastal Zone:

- ◆ any endurable area declared under the Soil Conservation Act (Chapter 45)
- ◆ any Flood Area declared under the Flood Protection Ordinance (Chapter 44)
- ◆ any flood protection area declared under the Sri Lanka Land Reclamation and Development Corporation Act, 15 of 1968 as amended by Act, No.52 of 1982.
- ◆ 60 meters from the bank of a public stream as defined in the Crown Lands Ordinance(Chapter 45) and having a width of more than 25 meters at any point of its course.
- ◆ any reservation beyond the full supply level of a reservoir.
- ◆ any archaeological reserve, ancient or protected monument as defined or declared under the Antiquities Ordinance (Chapter 188).
- ◆ any area declared under the Botanic Gardens Ordinance (Chapter 44)
- ◆ within 100 meters from the boundaries of, or within, any area declared as a Sanctuary under the Fauna and Flora Protection Ordinance (Chapter 45).
- ◆ within 100 meters from the high flood level contour of, or within, a public lake as defined in the Crown Lands Ordinance (Chapter 45) including those declared under section 71 of the said Ordinance.

In these regulations unless the context otherwise requires:

"hazardous waste" means any waste which has toxic, corrosive, flammable, reactive, radio active or infectious characteristics.

"reservoir" means an expanse of water resulting from man made constructions across a river or a stream to store or regulate water. Its "environs" will include that area extending up to a distance of 100 meters from full supply level of the reservoir inclusive of all islands falling within the reservoir.

**APPENDIX 5**

**NATIONAL ENVIRONMENTAL (PROCEDURE FOR APPROVAL OF PROJECTS) REGULATIONS, NO.1 OF 1993 AS CONTAINED IN GAZETTE EXTRA-ORDINARY NO 772/22 OF 24TH JUNE 1993**

1. These Regulations may be cited as the National Environmental (Procedure for approval of projects) Regulations, No.1 of 1993.
  - (i) A project proponent shall not perform the functions and duties of a project Approving Agency. In the event of a Project Approving Agency becoming a project proponent, the Authority shall designate an appropriate Project Approving Agency.
  - (ii) The Authority shall determine the appropriate Project Approving Agency in case where more than one Project Approving Agency is involved.
  3. In respect of any prescribed project for which an Environmental Impact Assessment Report is required the Project Approving Agency shall grant its approval only with the concurrence of the Authority.
  4. Any devolution of the functions of a Project Approving Agency to a Provincial Council, relating to the approval of projects shall be done only with the written concurrence of the Minister.
  5. A project proponent of any proposed prescribed project shall as early as possible submit to the Project Approving Agency preliminary information on the project requested by the appropriate Project Approving Agency.
  6. (i) The project Approving Agency shall acknowledge in writing receipt of such preliminary information within six days (Fig.2).
    - (ii) The Project Approving Agency shall in consultation with the Authority subject such preliminary information to environmental scoping, in order to set the Terms of Reference for the Initial Environmental Examination Report or Environmental Impact Assessment Report, as the case may be, and in doing so the Project Approving Agency may take into consideration the views of state agencies and the public.

- |            |  |
|------------|--|
| <i>ToR</i> | <p>(iii) The Project Approving Agency shall convey in writing to the project proponent the Terms of Reference referred to in paragraph (ii) above within fourteen days in the case of an Initial Environmental Examination Report and thirty days in the case of an Environmental Impact Assessment ERA Report from the date of acknowledging receipt of the preliminary information.</p> <p>(iv) Where, if on environmental scoping the Project Approving Agency considers that the preliminary information submitted by the project proponent as required in regulation 5 above, is adequate to be an initial Environmental Examination Report, the Project Approving Agency shall proceed as specified hereinafter.</p> |
| 7. (i)     | Every project proponent shall submit to the Project Approving Agency such number of copies of the Initial Environmental Examination Report as required by the Project Approving Agency.  |
| (ii)       | Upon receipt of an Initial Environmental Examination Report the Project Approving Agency shall submit a copy thereof to the Authority, and by prompt notice published in the Gazette and in one national newspaper published daily in the Sinhala, Tamil and English languages, invite the public to make written comments, if any, thereon to the Project Approving Agency, within thirty days from the date of first appearance of the notice, either in the Gazette or in the newspaper.  |
| (iii)      | The Notice referred to in paragraph (ii) above shall specify the times and places at which the report shall be made available for public inspection.   |
| (iv)       | The Project Approving Agency shall make available copies of the report to any person interested to enable him to make copies thereof.  |
| 8. (i)     | It shall be the duty of the Project Approving Agency, upon completion of the period of public inspection, to forward to the project proponent the comments received from the public, for review and response, within six days from the date of completion of the period of public inspection.  |
| (ii)       | The project proponent shall in writing respond to such comments to the Project Approving Agency.   |

*Comments or Reference for the Initial Environmental Assessment Report or Environmental Impact Assessment Report, in order and in doing so the Project Approving Agency, as the case may be, the views of state agencies and the public.*

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*6 days* - The period of public inspection, upon completion of comments received from the public, for review and response, within six days from the date of completion of the period of public inspection.

(ii) The project proponent shall in writing respond to such comments no later than

*6 days*

from the date of

receipt

of the

Report

or

Approval

Agency

shall

within

a period of

six

days

either

*6 days*

grant approval for the implementation of the proposed project subject to

specified conditions; or

*refuse approval for the implementation of the proposed project with*

reasons for doing so.

10. Upon receipt of an Environmental Impact Assessment Report the Project Approving Agency shall, within fourteen days, determine whether the matters referred to by the Terms of Reference as set out in regulation 6 (1) above are addressed, and if the Report is determined to be inadequate the Project Approving Agency shall require the project proponent to make necessary amendments and re-submit the report, together with the required number of copies.

11.(i) Upon receipt of the Report, as specified in regulation 10 above, the Project Approving Agency shall submit a copy thereof to the Authority and by prompt notice published in the Gazette and in one national newspaper published daily in the Sinhala, Tamil and English languages invite the public to make written comments, if any, thereon to the Project Approving Agency within thirty days from the date of the first appearance of the notice, either in the Gazette or in the newspaper.

(ii) The notification shall specify the time and places at which the Report shall be made available for public inspection.

(iii) The project Approving Agency shall make available copies of the Report to any person interested to enable him to make copies thereof.

12. It shall be the duty of a Project Approving Agency, upon completion of the period of public inspection or public hearing, if held, to forward to the project proponent comments received for review and response, within six days. The Project Proponent shall respond to such comments in writing to the Project Approving Agency.

13. Upon receipt of such responses as referred to in regulation 12 above, the Project Approving Agency shall with the concurrence of the Authority, within

(i) grant approval for the implementation of the proposed project subject to specified conditions; or  
(ii) refuse approval for the implementation of the proposed project, with reasons for doing so.

14. It shall be the duty of all Project Approving Agencies to forward to the Authority a report which contains a plan to monitor the implementation of every approved project, within thirty days from granting of approval under regulations 9 (i) and 13 (i) by such agencies.

15. The Project Approving Agency shall publish in the Gazette and in one national newspaper published daily in the Sinhala, Tamil and English languages the approval of any project as determined under regulations 9 (i) and 13 (i) hereto

16.(i) The Project Approving Agency shall specify a period within which the approved project shall be completed.

(ii) A project proponent may, within thirty days prior to the expiry of such period, make an application in writing to the Project Approving Agency for an extension of time for the completion of the proposed prescribed project.

17.(i) A project proponent shall inform the appropriate Project Approving Agency of

(a) any alteration to a prescribed project approved under regulations 9 (i), and 13(i); and/or  
(b) the abandonment of such approved project

(ii) The project proponent shall where necessary obtain fresh approval in respect of any such alterations that are intended to be made to such project. The Project Approving Agency shall in consultation with the Authority determine the scope and format of the supplemental report required to be submitted for such alterations.

(iii) The project proponent shall, where a project is abandoned, restore the project site to a condition as specified by the Project Approving Agency.

The Project Approving Agency shall communicate to the Project Proponent the administrative charges to be levied by the Project Approving Agency for the purposes of the approval of projects. The Project Approving Agency shall follow the procedure set out in guidelines prepared by the Authority.

**In these regulations**

"Authority" means the Central Environmental Authority;

"Project Proponent" means any Government Department, Corporation, Statutory Board, Local Authority, Company, Firm or Individual who submits any prescribed project for approval;

"Project" means any undertaking, scheme or plan where commitment of resources, time and funds are envisaged and which comes into existence at the stage where the project proponent has a goal and is actively preparing to make a decision in achieving that goal.

"Preliminary information" shall include a description of the nature, scope and location of the proposed project accompanied by location maps and any other data as may be requested for by the Project Approving Agency;

"environmental scoping" means determining the range and scope of proposed actions, alternatives, and impacts to be discussed in an Initial Environmental Examination Report or Environmental Impact Assessment Report;

"Report" means an Initial Environmental Examination Report or an Environmental Impact Assessment Report as the case may be; and "days" means any day other than a public holiday as defined by the Holidays Act, No. 29 of 1971.

**APPENDIX 6**  
PROJECT APPROVING AGENCIES SET OUT IN THE GAZETTE EXTRAORDINARY NO 859/14 OF 23RD FEBRUARY 1995.

1) The respective Ministries to which the following subjects are assigned:-

- (a) National Planning
  - (b) Irrigation
  - (c) Energy
  - (d) Agriculture
  - (e) Lands
  - (f) Forests
  - (g) Industries
  - (h) Housing
  - (i) Construction
  - (j) Transport
  - (k) Highways
  - (l) Fisheries
  - (m) Aquatic Resources
  - (n) Plantation Industries.
- 2) The Department of Coast Conservation
  - 3) The Department of Wildlife Conservation
  - 4) The Urban Development Authority established by the Urban Development Law, No. 41 of 1978.
  - 5) The Central Environmental Authority established by the National Environmental Act, No. 47 of 1980.
  - 6) The Geological Survey and Mines Bureau established by the Mines and Minerals Act, No. 33 of 1992.
  - 7) The Ceylon Tourist Board established by the Ceylon Tourist Board Act, No. 10 of 1966.
  - 8) The Mahaweli Authority of Sri Lanka established by the Mahaweli Authority of Sri Lanka Act, No. 23 of 1979.
  - 9) The Board of Investment of Sri Lanka established by the Greater Colombo Economic Commission Law, No. 4 of 1978 as amended interalia by Act, No. 49 of 1992

The Order made under section 23Y and published in Gazette Extraordinary 772/22 of 24th June, 1993 is hereby rescinded.

#### APPENDIX 7

#### THE EIA PUBLICATIONS OF CEA

1. Guidance for the Implementing the Environmental Impact Assessment (EIA) Process No. 1 A General Guide for Project Approving Agency (PAA), 1993.
2. Guidance for the Implementing the EIA Process No. 2 - A General Guide for conducting Environmental Scoping , 1995.
3. EIA Process - Status Report - 1996
4. Environmental Guideline for Road and Rail Development in Sri Lanka, 1997.
5. Environmental Guideline for Agricultural Sector Projects - 1997
6. Environmental Guideline for Tourism Development in Sri Lanka - 1997
7. Environmental Guideline for Fisheries and Aquatic Resources Sector Projects \*\*
8. Environmental Guideline for Irrigation Sector Projects \*\*
9. Environmental Guideline for Energy Sector Projects \*\*
10. Environmental Guideline for Mining and Mineral Sector Projects \*\*
11. The Gazette Extraordinary No 772/22 of Thursday, June 24, 1993.
12. The Gazette Extraordinary No 859/14, of Thursday February 23, 1995.
13. The EIA Experience in Sri Lanka.

(\*\*-Under preparation)

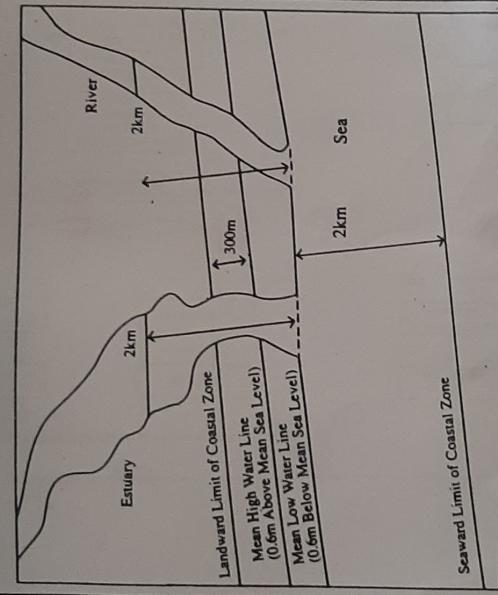
#### APPENDIX 8

#### GUIDELINE TO INCORPORATE ENV. ECONOMICS INTO ITEMS

##### OF REFERENCE FOR EIA

1. Use the financial analysis as a basis to conduct the Extended Benefit Cost Analysis (EBCA).
2. Calculate the cost of suggested mitigation measures as of the E.A.R.
3. Value all the significant impacts considering the incremental effects over time. This may include the residual impacts after adopting mitigatory measures.
4. Incorporate values identified in 2 and 3 above to the financial analysis.
5. Use appropriate shadow prices and discount rate (follow NPD guidelines) to carry out the economic analysis of the project.
6. Based on the above analysis show the Economic Internal Rate of Return (EIRR). Economic Net Present Value (ENPV). On request of the TEC, the project proponent should be able to provide the spread-sheets of the above analysis.
7. Conduct a sensitivity analysis on the critical parameters.
8. Clearly state all the assumptions made in the analysis.

Figure 1,  
The Sri Lanka Coastal Zone

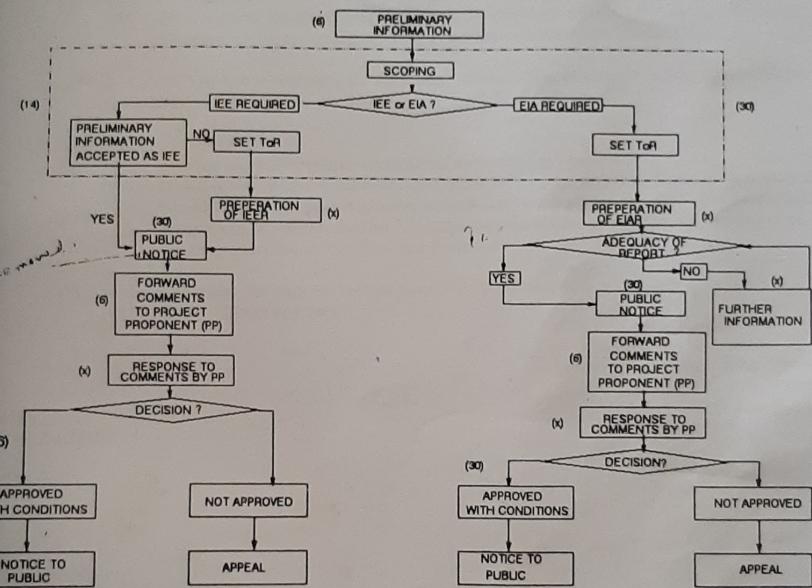


The "Coastal Zone" is defined in the Coast Conservation Act as . . .

"That area lying within a limit of three hundred meters landwards of the Mean High Water Line and a limit of two kilometers seawards of the Mean Low Water Line and in the case of rivers, streams, lagoons, or any other body of water connected to the sea either permanently or periodically, the landward boundary shall extend to a limit of two kilometers measured perpendicular to the straight base line drawn between the natural entrance points thereof and shall include waters of such rivers, streams and lagoons or any other body of water so connected to the sea."<sup>1</sup>

<sup>1</sup>By definition, the natural entrance points are defined with respect to the mean low water line.

### ENVIRONMENTAL IMPACT ASSESSMENT PROCEDURE



NOTE : Bracketed figures indicate MAXIMUM number of days

waddw/CEA

THE NATIONAL ENVIRONMENTAL ACT, No. 47 OF 1980

Order under Section 23 Z

By virtue of the powers vested in me by Section 23 Z of National Environmental Act, No. 47 of 1980, as amended by Act, No. 56 of 1988, I, Mahinda Wijesekara, Minister of Forestry and Environment do by this Order amend the Schedule to the Order made under aforesaid section and published in Gazette Extraordinary No. 722/22 of 24th June, 1993 as follows:

(1) in Part I of that Schedule –

- (a) by the substitution for item (II) of that part, of the following item :-  
"(II) Housing and Building integrated multi development activities consisting of housing, industry, commercial infrastructure covering a land area exceeding ten Hectares";
- (b) in item (27) by the substitution for the phrase "Manufacture of Cement" of the phrase "Manufacture of Cement through production of Clinker"; and

(2) In part II of that Schedule

- (a) by the insertion immediately after item (32) of the following new item :-  
"(32a) Construction of all commercial buildings as defined by the Urban Development Authority Law, No. 41 of 1978 and the construction of dwelling housing units, irrespective of their magnitudes and irrespective of whether they are located in the coastal zone or not, if located wholly or partly within the areas specified in Part III of this Schedule";
- (b) by the substitution for item (44) of that part, of the following item :-  
"(44) Cement, clinker and lime".

MAHINDA WIJESKARA,  
Minister of Forestry and Environment.

Colombo,  
27th October, 1999.

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**DRAFT DEVELOPMENT PLAN FOR TRINCOMALEE METRO URBAN CENTRE  
CIRCULATED AMONG FOLLOWING INSTITUTIONS AS PER THE DECISIONS  
OF THE MEETING HELD ON 14<sup>TH</sup> SEPTEMBER 2006 AT THE MINISTRY OF  
DEFENCE**

1. Secretary, Ministry of Agriculture
2. Secretary, Ministry of Power & Energy
3. Secretary, Ministry of Ports Aviation
4. Secretary, Ministry of Fisheries
5. Secretary, Ministry of Petroleum Resources
6. Secretary, Ministry of Nation Building and Estate Infrastructure Development
7. Secretary, Ministry of Education
8. Secretary, Ministry of Health
9. Secretary, Ministry of Housing & Construction
10. Secretary, Ministry of Environment & Natural Resources
11. Commander, Sri Lanka Army
12. Commander, Sri Lanka Air Force
13. Commander, Sri Lanka Navy
14. Inspector General of Police
15. Chairman, Road Development Authority
16. Chairman, Board of Investment of Sri Lanka
17. General Manager, National Water Supply & Drainage Board
18. District Secretary, Trincomalee
19. Director, Department of Coast Conservation
20. Director General, National Physical Planning Department
21. Director General, Forest Department
22. Commissioner, Archaeology Department
23. Director General, Sri Lanka Telecom
24. Chief Secretary, North East Provincial Council
25. Chairman, Ceylon Electricity Board
26. Chairman, Central Environmental Authority
27. Chairman, Sri Lanka Ports Authority
28. Director General, Department of Wild Life Conservation

LIST OF PARTICIPANTS TO THE MEETING ON TRINCOMALEE DISTRICT  
DEVELOPMENT PROGRAMME HELD ON 20<sup>TH</sup> SEPTEMBER 2006 AT THE  
AUDITORIUM OF THE BOARD OF INVESTMENT OF SRI LANKA

- |     |                        |  |
|-----|------------------------|--|
| 1.  | Mr R.M.Amarasekara     | -Director Planning, Road Development Authority                                 |
| 2.  | Mr W.Rathnayake        | -Deputy Director, Department of Wild Life<br>Conservation                      |
| 3.  | Mr J.J.Rathnasiri      | -Director Lands, Ministry of Power & Energy                                    |
| 4.  | Mr. S.Kalaiselvam      | -Director General, Ceylon Tourist Board  |
| 5.  | Mr Bandula Tilakasena  | -DGM, Ceylon Electricity Board   |
| 6.  | Mr N.Thanapalam        | -DGM, Ceylon Electricity Board   |
| 7.  | Mr H.Samarakoon        | -Chief Engineer (General P/L Design), Ceylon<br>Electricity Board              |
| 8.  | Mr. S.H.Liyanage       | -Consultant, (Special Projects), Sri Lanka Ports<br>Authority                  |
| 9.  | Mr K.L.A.Kalapathirana | -Director (Technical), Sri Lanka Ports<br>Authority                            |
| 10. | Mr K.A.Anzar           | -Chief Engineer (P&D), Sri Lanka Ports<br>Authority                            |
| 11. | Mr K.V.Dharmasiri      | -Director General, Urban Development Authority                                 |
| 12. | Mr L.H.Indrasiri       | -Director (GIS), Urban Development Authority                                   |
| 13. | Mr R.M.Ariyadasa       | -Director (Development Planning –North &<br>East), Urban Development Authority |

**LIST OF PARTICIPANTS TO THE MEETING ON TRINCOMALEE DISTRICT  
DEVELOPMENT PROGRAMME HELD ON 28<sup>TH</sup> SEPTEMBER 2006 AT THE  
MINISTRY OF DEFENCE**

- |     |  |   |
|-----|--|---|
| 1.  | Mr Basil Rajapakse                               | -Senior Advisor to HE the President                           |
| 2.  | Mr Gotabaya Rajapakse                            | -Secretary, Ministry of Defence                               |
| 3.  | Mr Y.Sumanasekara                                | -Secretary, Civil Aviation Authority                          |
| 4.  | Mr A.N.R.Amaratunga<br>Water                     | -Secretary, Ministry of Urban Development &<br>Supply         |
| 5.  | Dr P.Ramanujam                                   | -Secretary, Ministry of Tourism                               |
| 6.  | Mr J.P.Hettiarachchi                             | -Secretary, Ministry of Industrial Development                |
| 7.  | Mr M.M.E.Ferdinando                              | -Secretary, Ministry of Power & Energy                        |
| 8.  | Mr J.R.W.Dissanayake                             | -Secretary, Ministry of Environment                           |
| 9.  | Mr E.Jinadasa                                    | -Secretary, Ministry of Fisheries & Aquatic<br>Resources      |
| 10. | Mr Thosapala Hewage                              | -Secretary, Ministry of Investment Promotion                  |
| 11. | Mr M.S.Jayasinghe                                | -Secretary, Ministry of Nation Building &                     |
| 12. | Mr G.L.W.Samarasinghe<br>National                | -Secretary, Ministry of Cultural Affairs &<br>Heritage        |
| 13. | Mr Lal Kumara Gamage                             | -Senior Advisor, Ministry of ED & Investment<br>Promotion     |
| 14. | Mr W.M.Jayathilake                               | -Additional Secretary, Ministry of Agriculture<br>Development |
| 15. | Mr U.Senevirathne                                | -Additional Secretary, Ministry of Finance                    |
| 16. | Real Admiral Mohan Wijewickrama – Governor, NEPC |   |
| 17. | Air Chief Marshal Donald Perera                  | -CDS, Joint Commander, JOH                                    |
| 18. | Lt. General Sarath Fonseka                       | -Commander, Sri Lanka Army                                    |
| 19. | Vice Admiral Wasantha Karannagoda                | -Commander, Sri Lanka Navy                                    |
| 20. | Air Marshal R.Goonahilaka                        | -Commander Sri Lanka Air Force                                |
| 21. | Mr Chandra Fernando                              | -Inspector General of Police                                  |
| 22. | Dr Senarath Dissanayake                          | -Commissioner, Department of Archeology                       |
| 23. | Mr Channa Amarasinghe                            | -Chairman, National Water Resources Board                     |
| 24. | Deshamanya P.H. Mendis                           | -Chairman, Civil Aviation Authority                           |
| 25. | Mr Udaya Nanayakkara                             | -Chairman, Ceylon Tourist Board                               |
| 26. | Mr B.R.Perera                                    | -Chairman, Maganeguma   |
| 27. | Major General G.T.E.Silva                        | -District Secretary, Trincomalee                              |
| 28. | Prof K.Karunanayake                              | -Advisor, President Secretariat                               |
| 29. | Mr Priyath B.Wickrama                            | -Vice Chairman, Sri Lanka Ports Authority                     |
| 30. | Mr B.J.P.Mendis                                  | -Surveyor General, Survey Department                          |
| 31. | Mr Lalith Abeygunawardena                        | -Director General, Presidential Secretariat                   |
| 32. | Mr B.Abeygunawardene                             | -Director General, National Planning<br>Department            |
| 33. | Mr J.A.J.Jayamaha                                | -Deputy Director General, NPD                                 |
| 34. | Mr L.D.Dickman                                   | -Deputy Director General, Board of Investment<br>of Sri Lanka |
| 35. | Mr L.H.Indrasiri                                 | -Director, Urban Development Authority                        |
| 36. | Mr R.M.Ariyadasa                                 | -Director, Urban Development Authority                        |
| 37. | Ms Samankanthi Bandara                           | -Director, National Physical Planning<br>Department           |
| 38. | Mr S.K.Wijetunga                                 | -Additional General Manager, Water Resources<br>Board         |
| 39. | Cpt Ranasinghe                                   | -Additional Deputy Commissioner, Trincomalee                  |

40. Mr Jayantha Wickramasinghe -Chief Executive Officer, Lanka Logistic Technology
41. Mr L.Rupasinghe -Coordinating Officer, Ministry of Defence
42. Mr Nimal Siwarathna -Police Head Quarters
43. Mr K.A.Amarasinghe -Additional General Manager, Zone 2, CEB
44. Brigadier L.M.Thilakarathne -Project Coordinating Officer, Ministry of Defence
45. Mr T. Amarasekara -Aerodrome Engineer, Civil Aviation Authority
46. Mr. K.V.Dharmasiri -Director General, Urban Development Authority
47. Mr B. Abeygunawardene -Dept of National Planning

LIST OF INVITEES FOR THE DISCUSSION ON GRADED TRINCOMALEE  
DEVELOPMENT AT THE AUDITORIUM OF THE NORTH EAST PROVINCIAL  
COUNCIL ON 02<sup>ND</sup> OCTOBER 2006, CHAIRED BY HON GOVERNOR, NORTH  
EAST PROVINCIAL COUNCIL

1. Government Agent, Kachcheri Trincomalee
2. Additional Government Agent, Kachcheri, Trincomalee
3. Deputy Director (Planning), Kachcheri, Trincomalee
4. Director Rehabilitation, Kachcheri, Trincomalee
5. Deputy Project Director, NECORD
6. Deputy Project Director, NEHRP
7. Deputy Project Director, NECCDEP
8. Asst Commissioner of Local Government, Trincomalee
9. Assistant Director, Fisheries
10. All Divisional Secretaries – 14 Divisional Secretariats
11. Chief Engineer, Road Development Authority
12. Regional Manager, National Water Supply & Drainage Board
13. Area Engineer, Ceylon Electricity Board
14. Regional Manager, Sri Lanka Telecom
15. District Manager, Board of Investment of Sri Lanka
16. District Officer, Central Environmental Authority
17. Regional Engineer, Irrigation Department
18. Director, Urban Development Authority'
19. Chief Engineer, Road Development Authority
20. Assistant Commissioner of Lands, Kanthale & Trincomalee
21. Provincial Land Commissioner
22. Provincial Director, Road Development Authority
23. Provincial Director, Health
24. Provincial Director, Buildings
25. Provincial Director, Irrigation
26. Provincial Director, Industries
27. Provincial Director, Agriculture
28. Commissioner of Co-operative Development
29. Deputy Chief Secretary Planning
30. Deputy Chief Secretary, Infrastructure Development & Engineering Services
31. Deputy Chief Secretary, Finance
32. Commissioner of Local Government
33. Director, Centre for Information Resource Management
34. Secretary, Ministry of Health
35. Secretary, Ministry of Agriculture
36. Secretary, Ministry of Education
37. Secretary, Ministry of Rehabilitation
38. Secretary, Ministry of Provincial Public Administration
39. Project Director, NECORD
40. Project Director, NEHRP
41. Project Director, NECCDEP

**Comments Received from Following Institutions for the Draft  
Development Plan formulated by the Urban Development Authority**

-Ministry of Fisheries & Aquatic Resources  
-Ministry of Nation Building and Estate Infrastructure Development  
-Ministry of Ports & Aviation  
-Ministry of Industrial Development  
-Ministry of Power & Energy

-Sri Lanka Navy Headquarters  
-Sri Lanka Army  
-Sri Lanka Police

**Ministries of North & East Provincial Council:**

-Department of Agriculture –North East Province  
-Ministry of Health & Indigenous Medicine  
-Ministry of Rehabilitation, Reconstruction, Social, Welfare, Buildings & Women Affairs  
-Ministry of Agriculture, Livestock Development, Lands, Irrigation and Fisheries  
-Ministry of Provincial , Public Administration, Local Government, Co-operative, Rural Development, Road Development and Industries  
-Deputy Chief Secretary's Secretariat  
-Management Development and Training Department  
-North East Coastal Community Development Project  
-Department of Buildings

-Sri Lanka Ports Authority  
-Board of Investment of Sri Lanka  
-National Water Supply & Drainage Board  
-Department of Archaeology  
-Ceylon Electricity Board

**LIST OF INVITEES TO THE MEETING HELD ON 12<sup>TH</sup> OCTOBER 2006 AT  
THE TEMPLE TREES, CHAIRED BY H. E. THE PRESIDENT ON  
TRINCOMALEE DISTRICT DEVELOPMENT PROGRAMME**

- |     |                                   |   |
|-----|-----------------------------------|---|
| 1.  | Major General T.P.R.de Silva      | -Government Agent, Trincomalee  |
| 2.  | Mr Mahinda Balassoriya            | -Snr.D.I.G.(N&E), Police Headquarters                                       |
| 3.  | Mr Laksman Hulugalle              | -Director General, National Security Information Centre                     |
| 4.  | Mr U.A.Wickramasinghe             | -Additional Secretary, Ministry of Defence                                  |
| 5.  | Mr W.M.Jayathilake                | -Additional Secretary, Ministry of Lands                                    |
| 6.  | Mr B.M.S.Samarasekara             | -Director General, Irrigation Department                                    |
| 7.  | Mr B.J.P.Mendis                   | -Surveyor General, Survey Department  |
| 8.  | Mr G.V.Rathnasara                 | -Deputy Director (Planning), Irrigation Department                          |
| 9.  | Mr R.M.M.A.B.Rajapakse            | -Irrigation Engineer , Irrigation Department                                |
| 10. | Mr A.D.S.Gunawardena              | -Secretary, Ministry of Irrigation  |
| 11. | Mr Laksman R.Watawala             | -Chairman, Board of Investment of Sri Lanka                                 |
| 12. | Mr Bandula Perera                 | -ADG, Board of Investment of Sri Lanka                                      |
| 13. | Mr J.B.Hettiarachchi              | -Secretary  |
| 14. | Mr P.M.Leelarathna                | -Secretary, Ministry of Railways & Transport                                |
| 15. | Mr Thosapala Hewage               | -Secretary, Ministry of ED &IP  |
| 16. | Mr S.Amarasekara                  | -Secretary, Ministry of Highways  |
| 17. | Mr W.M.C.Ferdinado                | -Secretary, Ministry of Power & Energy                                      |
| 18. | Mr J.H.J.Jayamaha                 | -Additional DG, External Resources Department                               |
| 19. | Mr K.V.Dharmasiri                 | -Director General, Urban Development Authority                              |
| 20. | Mr R.M.Ariyadasa                  | -Director (Development Planning, North & East), Urban Development Authority |
| 21. | Mr Udaya Nanayakkara              | -Chairman, Ceylon Tourist Board   |
| 22. | Vice Admiral Wasantha Karannagoda | -Navy Commander, Sri Lanka Navy   |
| 23. | Air Marshal R.Goonathilake        | -Air Force Commander, Sri Lanka Air Force                                   |
| 24. | Rear Admiral Sarath Weerasekara   | -Director General, Home Guard Core, My of Defence                           |
| 24. | Hon Rohitha Bogollagama           | -Minister of Enterprise Development & Investment Promotion                  |
| 25. | Hon Mangala Samaraweera           | -Minister of Ports & Aviation, Foreign Affairs                              |

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