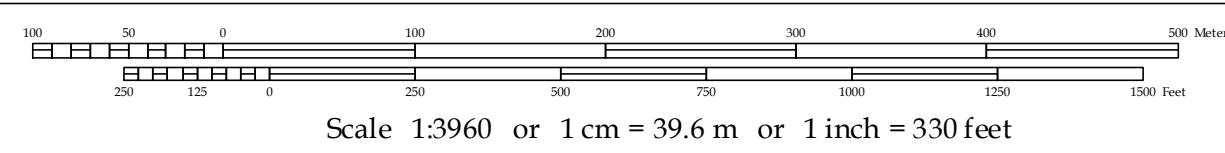


CONSULTANTS

Development Design Consultants Limited
DDC Center, 47 Mohakhali C/A, Dhaka-1212, Bangladesh

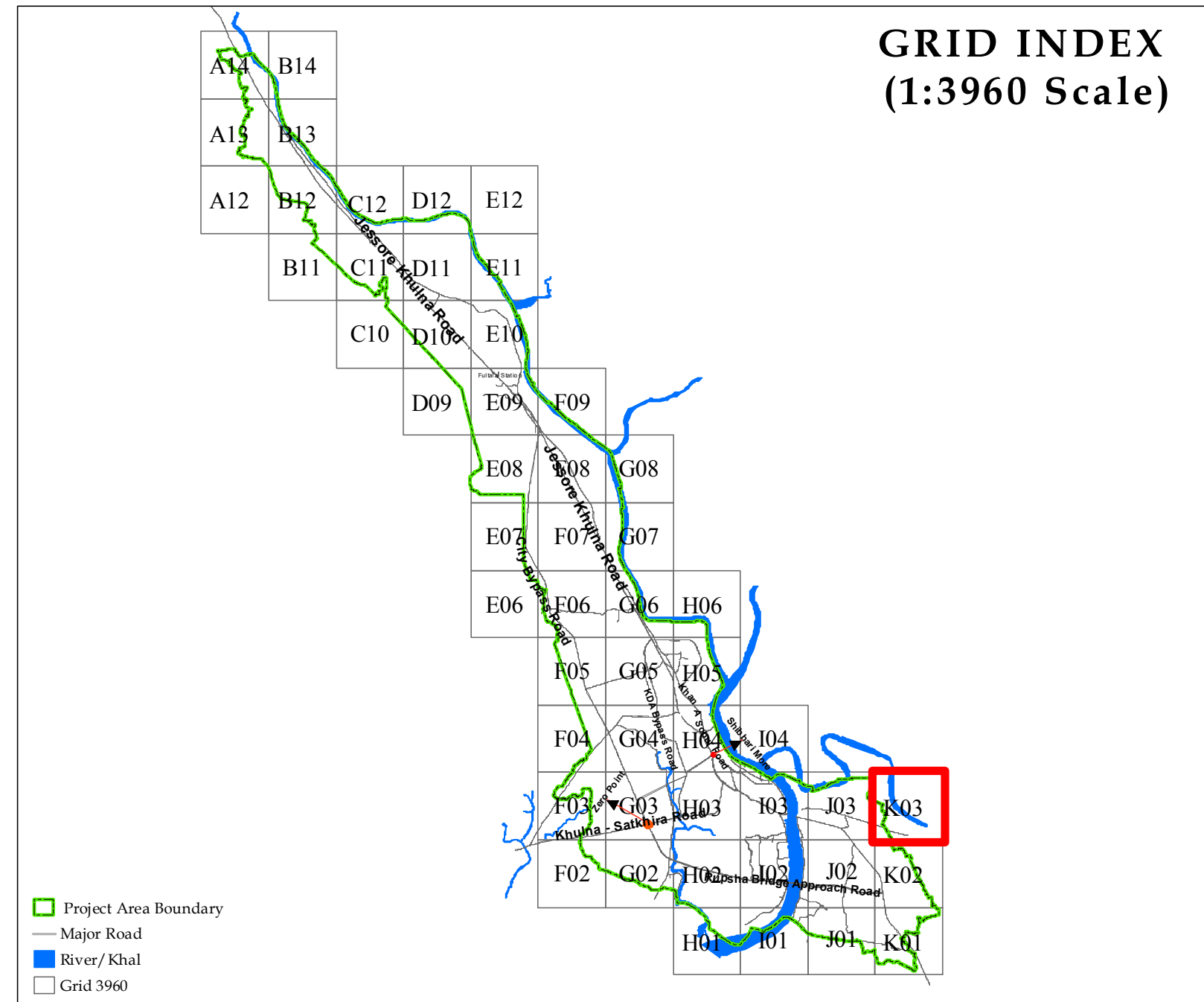
Data Experts (Pvt.) Limited
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Preparation of Detailed Area Development Plan for Khulna Master Plan (2001) Area Khulna, Bangladesh



Government of the People's Republic of Bangladesh
Ministry of Housing and Public Works

KHULNA DEVELOPMENT AUTHORITY (KDA)
KDA Bhaban, Khulna, Bangladesh



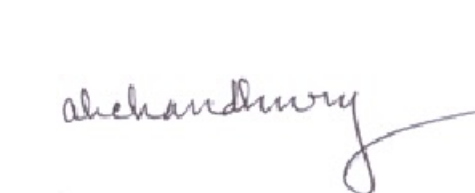
<ul style="list-style-type: none"> Study Area Boundary District Boundary Upazila Boundary Union Boundary City Corporation/Paurashava Boundary Ward Boundary Proposed Metro Rail Proposed Tramline Proposed Tunnel Plot Boundary (from Mouza Map) Existing Railway Proposed Road Widened Road 	<ul style="list-style-type: none"> Project Area Boundary Mouza Boundary Circulation Network Land Acquisition Industry NC Proposed Services Property of Bangladesh Railway Khal/Canal Proposed Foot Over Bridge Proposed Railway Bridge Proposed River Bridge 	<p>Proposed Landuse</p> <ul style="list-style-type: none"> Agriculture Transport (RoW) Commercial Education and Research Government Service Industry Urban Green Mixed Use Recreational Facility Residential Restricted Area Transport Services Service Activity Waterbody
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Data Source
Map contents mainly based on extensive field survey. Topographic, Physical Features and Landuse data as per field survey conducted by staff survey team using RTK GPS, Total Station and Optical Level under the supervision of PMO and Consultant's team members. City Corporation, Paurashava, Ward and Union boundaries have been derive from the secondary source maps of concern authorities.

<p>Projection System: Bangladesh Transverse Mercator (BTM)</p> <p>Spheroid : Everest 1830 Semi-major axis : a = 6,377,276.34518m Semi-minor axis : b = 6,356,575.41111m Inverse flattening : 1/f = 300.8017</p> <p>False Easting : 500,000m False Northing : 500,000m Latitude of Origin : 0° N Central Meridian : 90° E Scale Factor : 0.9998 Datum Conversion Method : Seven Parameters Datum Shift : WGS-84 to Everest 1830 Rotation X : 0 Rotation Y : 0 Rotation Z : 0 Translation X : -287.229m Translation Y : -735.942m Translation Z : -281.143m Scale : 1:ppm</p>	<p>Reference Bench Mark (BM)</p> <p>Horizontal (for Latitude & Longitude)</p> <p>1. SWB BM-502: South-west corner of the Nonapar College Playground, Aoyogpara, Jessore. 2. SWB BM-134: South-west corner of Battagata Pilot High School (Hqground). It is south-west corner of the Bazar and 200m south of Battagata Upazila Parishad and College, Battagata, Khulna.</p> <p>Vertical (for Reduce Level/RL adjustment)</p> <p>1. SWB BM-1015: Close to boundary wall of Rupia Bahar mosque, 1km east from north-east corner of the mosque, Rupia, Khulna. 2. SWB BM-1016: 150m east from Gakamari Bridge around 2m south side of Khulna-Satkhira road.</p>
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Vertical Datum: National Datum i.e. MSL (Sea level reference datum)

Survey Period : February 2011 to June 2012
Date of Map Print : 14 May, 2014

<p>Consultant: DDC-datEx</p>  <p>Team Leader</p>	<p>Client: KDA</p> <p>Project Director</p>
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