



CONCRETE INNOVATIONS!



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ABOUT RCB:

-It strives on the adaptation towards the market, supplying to the clients the utmost quality and service, producing a wide variety of precast products for Infra structure ,renewable eneregy ,urban concrete and street furniture and buildings concrete product.

- RCB strive to offer the highest quality to our customers and achieve the highest customer satisfaction and always be the first choice for products.

- Our quality in Line is assured by ISO 9001:2008 standard.

QUALITY OBJECTIVES:

-Continuous verification and validation of production techniques. Continuous implementation of the newest and most efficient technologies in our field.

- Continuous research to improve our technology.

- Conduct internal and external audits and management reviews to ensure the ongoing quality improvement.

- Precast concrete arrives ready and easy to install, saves time and labor costs, and minimizes concrete pouring and finishing on site

- Fast installation and no curing time on site allows less job site disruption, and other trades can start work soone.

- We constantly strive to achieve this when manufacturing precast concrete solutions for public utilities networks, urban planning and transportation infrastructure.



CERTIFICATE



Management System as per EN ISO 9001 : 2015

In accordance with TÜV AUSTRIA procedures, it is hereby certified that:



RABWA FOR CONCRETE BLOCK (RCB)

Wadi el ELsh Sahab
11710, AMMAN, JORDAN

Applies a Quality Management System in line with the above Standard for the following Scope

CONCRETE PRODUCT MANUFACTURING.

Certificate Registration No.: 20001200002944

Valid until: 2023-03-25
Initial certification: 2020-03-26
Reissue Date: 2021-03-26*

Nikolaos Sifakis
Head of Management Systems & Products Certification Division
Certification Body
at TÜV AUSTRIA

Athens, 2020-03-26

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

* The present certificate is valid for 3 years since the certification decision date and is reissued annually, provided that the annual surveillance audit is conducted and has a positive result.

TÜV AUSTRIA HELLAS
429, Mesogeion Ave.
GR-153 43 Athens, Greece
www.tuvaustriahellas.gr



Be it known that

RCB - Rabwa for Concrete Block

, Jordan

is a Supporting Producer member in good standing

in the

*Precast/Prestressed Concrete Institute
entitled to full rights and privileges*

set forth in the Bylaws.

Certificate Valid till: 06/30/2023

J. Matt De Voss

**J. Matt De Voss
PCI Chair**

R. J. Risser

**Robert J. Risser
PCI President and CEO**

RCEB

BEING TRUSTABLE & QUALITY IS STEERING OUR THINKING!





RCB WORK FIELDS:

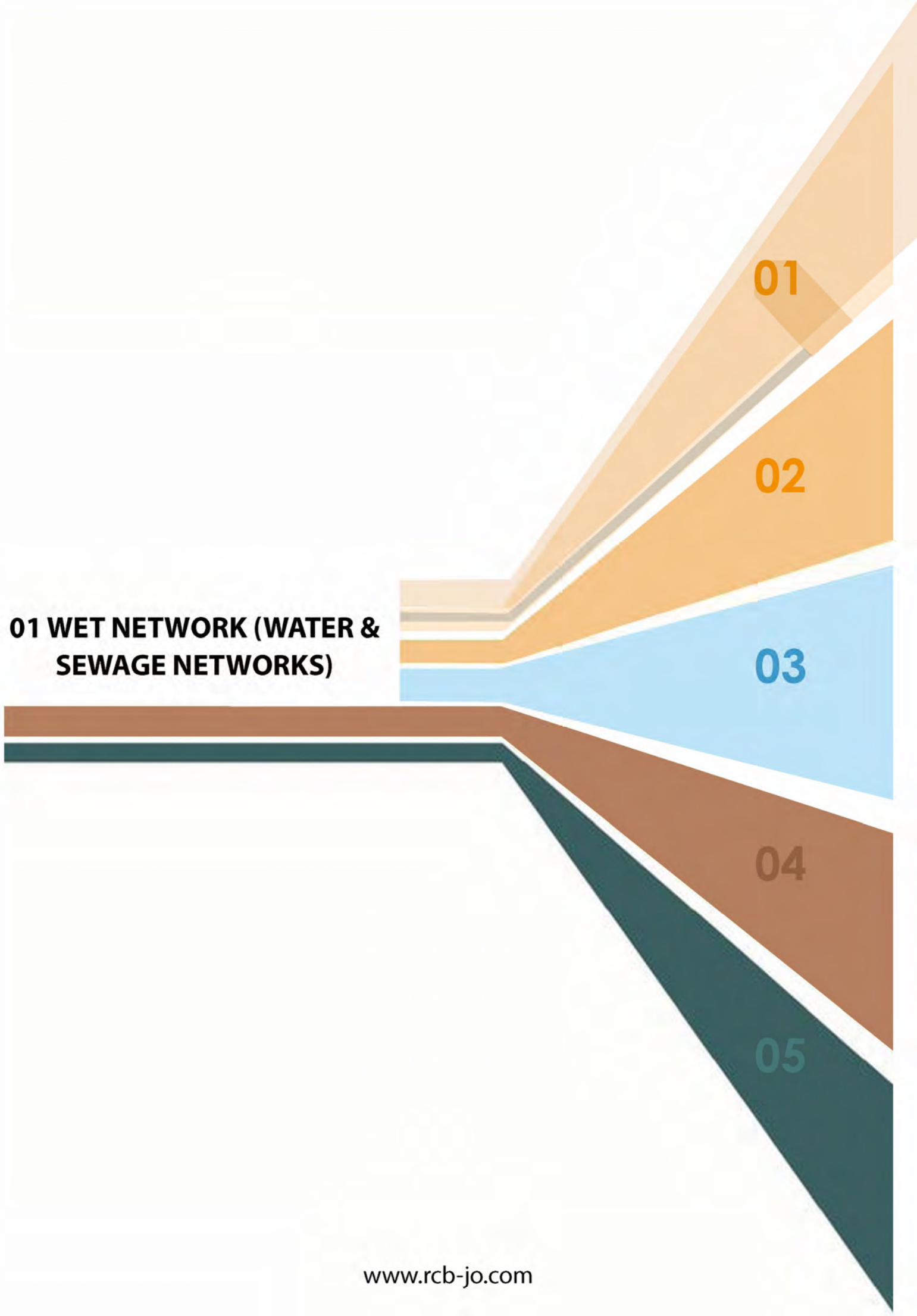
A- INFRASTRUCTURE

Infrastructure is the general term for the basic physical systems of a business, region, or nation. Examples of infrastructure include transportation systems, communication networks, sewage, water, and electric systems.



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01 WET NETWORK (WATER & SEWAGE NETWORKS)



1. WET NETWORK (WATER & SEWAGE NETWORKS)



A- CATCH BASIN

- Concrete catch basins are designed to drain excess stormwater and groundwater from paved streets, parking lots, and sidewalks. RCB precast concrete catch basins provide an alternative to poured-in-place or bricked structures.

B- SEWAGE MANHOLE

- Sanitary or sewage manholes are normally round manhole structures made of sulphate-resistant cement. Precast concrete manholes are an integral component of any modern sewer system.

-Precast concrete manhole sections are produced in a controlled environment, thus exhibiting high quality and uniformity.

-A properly designed and installed precast concrete manhole system provides superior watertight performance and will provide the long-term solution you need.

-RCB offers a variety of diameters and heights and can manufacture custom heights as the job requires.



**02 CIVIL WORKS (BRIDGES,
ROADS & TUNNEL)**

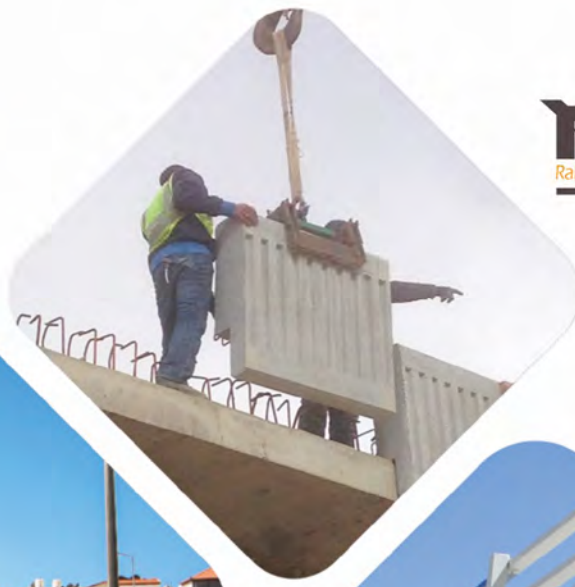
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2. CIVIL WORKS (BRIDGES,ROADS & TUNNEL)

A- BRIDGE PARAPET

- Precast bridge parapets are used as a safety barrier and aesthetic structure, they can also act as a noise barrier. It's often installed at the edge of bridges or retaining walls to provide protection for vehicles and pedestrians against an adjacent vertical drop.
- RCB supplied bridge precast parapets to prestigious projects in Amman such as Alnahdah Al Arabieh, intersection bridge, and sports city intersection bridge.
- Unique parapet units can be made to specific customer requirements with in-house mold facilities., and can be made to tie into the original bridge design.
- Versatile cost-effective solution.
- Quick and accurate production.
- Bridge parapet units can be supplied with projecting steel as required.
- Lifting points incorporated to the required specification.

B- ROAD DIVIDER

- It is a concrete barrier installed in the middle of roads to separate lanes of traffic. They can also be used to reroute traffic and for labor protection during construction works. The offered Concrete Road Divider is cast by using the highest-grade concrete that offers excellent strength and high impact resistance. Also, variable sizes in refer to heights and lengths.

C- JERSY BARRIER

- Precast concrete jersey barrier is usually the same as a divider on highways in addition to that, it can be used as a huge divider or in special cases at sea or in some special factory with special requirements.

D- DITCH CHANNEL

- Precast water drainage channels (laid) are an efficient way of encouraging water flow or waste to travel in a particular direction. The water or waste can then be disposed of quickly and easily.

E- COPPING FOR BRIDGE PARAPET AND RETAINING WALLS

- Precast concrete wall caps (or coping) can be placed on any wall to add protection and beauty. Many types of coping are available: ridged, flat, round, and tiered. Corner and end pieces are also available in most sizes.



F-HANDRAIL POST BASES

Post bases are connectors designed to provide a connection between a steel post (vertical member) to the concrete foundation.

G- TRAFIC SIGN FOUNDATION

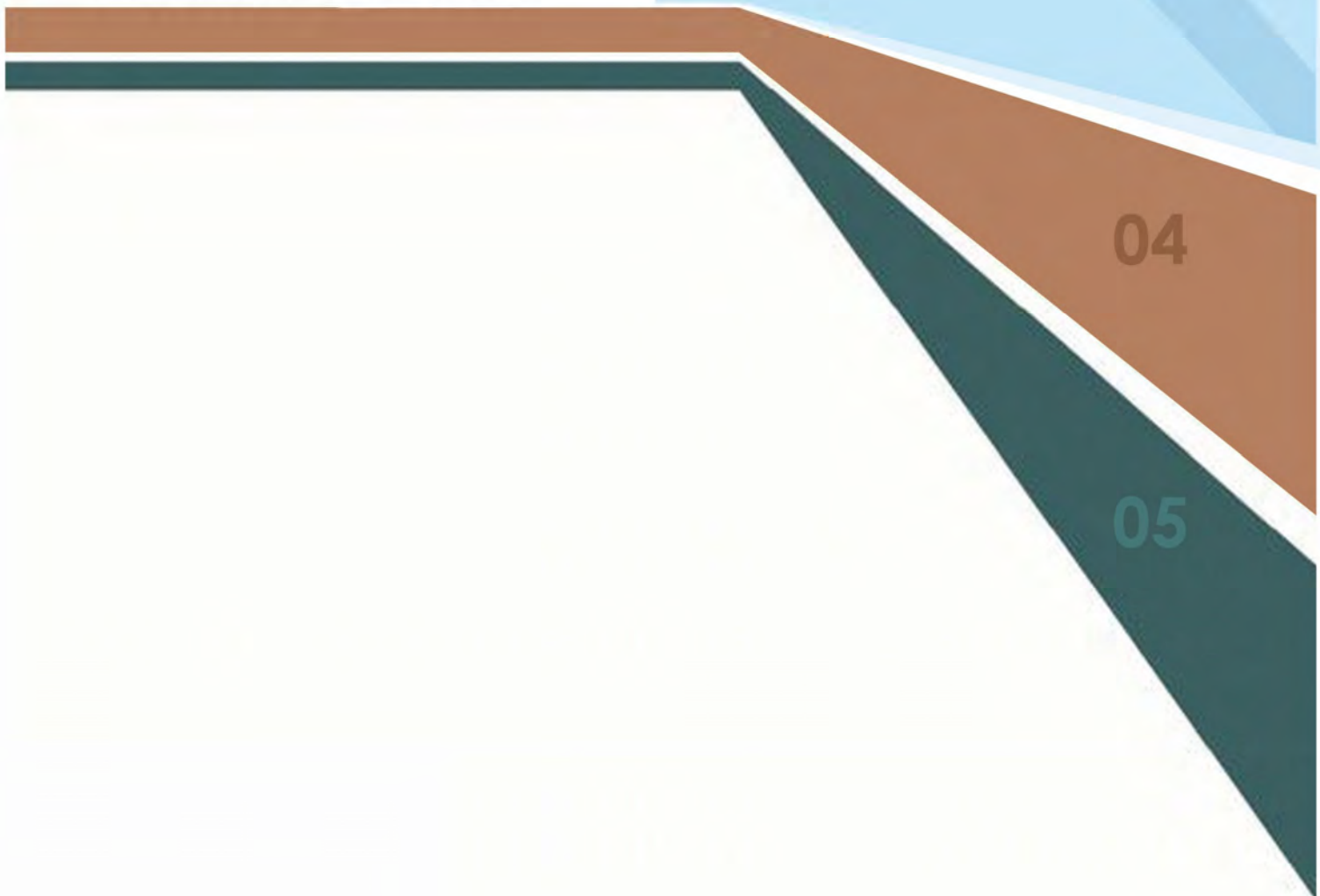
This precast concrete traffic pole foundation system features a free-standing design, eliminating the need for subsurface mounting.

H-MSE WALLS

MSE walls are relatively rigid walls used for supporting soil laterally so that they can be retained at different levels on the two sides. Retaining walls are structures designed to restrain soil to a slope that it would not naturally keep to.



03 DRY NETWORKS (ELEC ,CCTV & FIBER OPTIC NET WORK)



3. DRY NETWORKS (ELE, CCTV & FIBER OPTIC NETWORKS)

A- ELEC MANHOLE AND HAND MANHOLE

-Precast concrete electrical manholes are used to protect vital connections and controls for modern electricity distribution. Our precast concrete manholes are produced in a controlled environment and provide superior performance for a long-term solution. We produce an array range of electrical manholes that come in different sizes and dimensions.

B- TELECOM AND TRAFIC LIGHT MANHOLE

C- CCTV MANHOLE

-Precast concrete communications manholes install quickly and easily, strengthen over time, can be made watertight, and provide excellent durability during backfill and use. Options for your precast concrete communications manhole include but are not limited to duct terminators, pull irons, cable racks, and ladders.





D- LIGHTING POLE FOUNDATION

- Precast light pole bases, RCB manufactures numerous styles of precast light pole bases - square, tapered, or pyramid. Precast concrete light pole bases are Manufactured in a controlled environment. Pole bases can be manufactured with customized sizes, bolt patterns, and conduit placements without a problem. Using precast bases eliminates the need to pour on-site and avoid any problem with bolt alignment, saving valuable time.

E- CABLE PROTECTION TILE (ENGRAVED WARNING ELEC DANGER /FIBER OPTIC)

- Concrete cable protection cover tiles, also known as cable route markers, are used frequently by utility companies to provide a clear indication to site staff who may be working close to underground electrical cables.
- Covers act as a protective barrier against damage to buried electricity.
- Cables eliminate the risk of accidents and costly repairs. They can also be used to locate and identify other underground services.
- Protection covers are reinforced precast concrete units manufactured and imprinted, as standard with the words "DANGER ELECTRICITY" in English and Arabic.
- Covers can be manufactured to order on the request for other services, such as telephone, gas, oil, chemicals, and fiber optics.





F- EARTH PIT

- The concrete inspection pit is suitable for most types of earthing and lightning protection installations.
- It is Used to allow access to the connection between the earth rod and the conductor
- Earth Pits provide a secure and user-friendly access point for maintenance purposes and the periodical measuring of electrical resistance of a buried earthing system.
- To complete routine measurements of electrical resistance simply remove the lid from the installed earth pit and connect a lead from the resistance meter to the earthing conductor.
- Standard size ; outer dimension 320 x 320x 192 mm with removable cover size 230 x 230x60 mm.





G- RENEWABLE ENERGY _ PRECAST PRODUCTS

RCB renewable energy precast concrete bases are used as a base for different renewable energy systems and different utilities.

- Rooftop PV solar panel bases.
- Ground-mounted PV bases.
- Cable tray support.



- RCB products of precast concrete support can be used as a base for different utilities such as solar systems with different sizes, weights, and shapes.
- Roof sleepers for pipe support and cable ladder support at insulated roofs or terrain.
- Cable tray and ladder support where nonpenetrating concrete base.
- Carvan base support.



04 ARCHITECTURE WORKS (PUBLIC SPACES & URBAN FURNITURE)

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4. ARCHITECTURE WORKS (WALL CLADDING ,PUBLIC SPACES & URBAN FURNITURE)

A- PRECAST CLADDING

- Architectural precast cladding from RCB offers solutions for your construction project. Whether you are looking for traditional architectural precast cladding or Screen we can produce a product to match your needs.
- We work closely with our customers to design and engineer customized, architectural precast cladding that fulfills their design ideas and meets their technical requirements. Our cladding products offer an aesthetic solution with limitless choices of textures, (Fair Face, Acid wash, sandblasted, exposed aggregate chemical retarder or any required finish).
- Shapes and integral colors.



B- CONCRETE SIGNAGE:

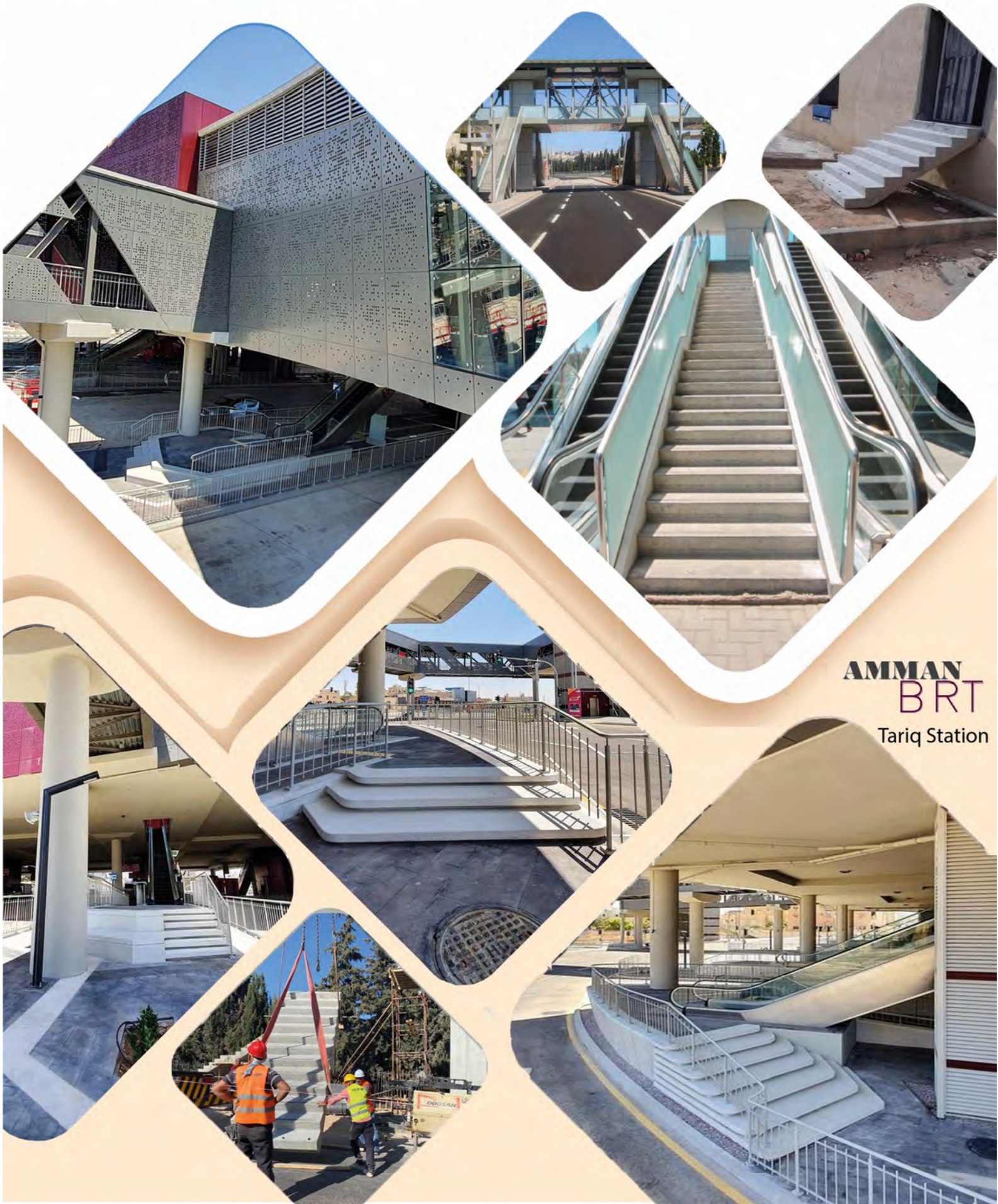
- RCB supplies all types of custom signage made of concrete and Alum.
- Different shapes, colors, and surfaces finish.



Location :Dubai_Hatta

C- PRECAST CONCRETE STAIRCASE

- Precast concrete stair, made up of reinforced concrete is one of the best options to eliminate the trouble of adjusting the number of steps, rise, run, and width of each stair flight.



AMMAN
BRT
Tariq Station





D- BENCH

RCB concrete benches are the ultimate solution for unsupervised areas as its durable, low-maintenance, and cost-effective seating. Manufactured from High compressive strength concrete with reinforcement for maximum fortitude. It's the Perfect selection for indoor or outdoor applications; ideal for Street furniture, parks, schools, commercial, and residential properties as it's available with options of surface textures and finishes with a variety of colors to fit your design needs.

- D.1. Street bench
- D.2. School bench
- D.3. Sun bath/ Sea bench



E- PLANTER

-Available in a wide variety of geometry, sizes, finishes, and colors so you can get the right planter for your project. All concrete planters come with drain holes for proper drainage.

-They can easily be used as an aesthetically pleasing form of barrier protection.

1. decorative 2. circular 3. square

- PLANTER FRAME

-A precast concrete frame is used as an upstand above the planter box to reach the required level and as a very suitable solution to prevent soil volatilization.





F- TREE GRATING

A tree grate is a sort of metal cage that is designed to protect the roots and trunks of trees growing in urban areas, particularly in settings dominated by concrete. Grates keep tree bases out of sight and help to plant plots stay level with sidewalks, roads, and any surrounding terrain.

1. 60*60cm 2. 80*80cm 3. 100*100cm

G- CAR AND TRUCK WHEEL STOPPER

Safe design the RCB concrete parking curbs/bumpers are designed to maximize durability and safety. The sides of the parking curbs have a graduated taper to relieve impact pressure on both the vehicular tires, the anchor pins, and the pavement surface when struck by vehicle tires. The slope design also helps relieve impact pressure and protect vehicle tires and rims from punctures, tears, and dents.



H- CONCRETE LITTER BINS

-It is part of the RCB product catalog. Concrete litter bins combine classic lines and stability. These bins are resistant to harsh weather conditions, and corrosion.

-Concrete litter bins set the standard for designing outdoor spaces and other urban areas.

-Solid, elegant, different sizes and shapes.

I- WHEEL STOPPER

- Installing tire bumpers not only increases the safety within a parking facility, but it also adds to the aesthetics and offers a great first impression because concrete parking lot blocks make such a visual impact, but visitors and clients will also take notice. It will be obvious that every detail is important, even down to the spaces in the parking lot. Customers will feel comforted to know that their safety was a consideration even before they became a customer. By providing a physical barrier, vehicles are prevented from bumping in front of them.

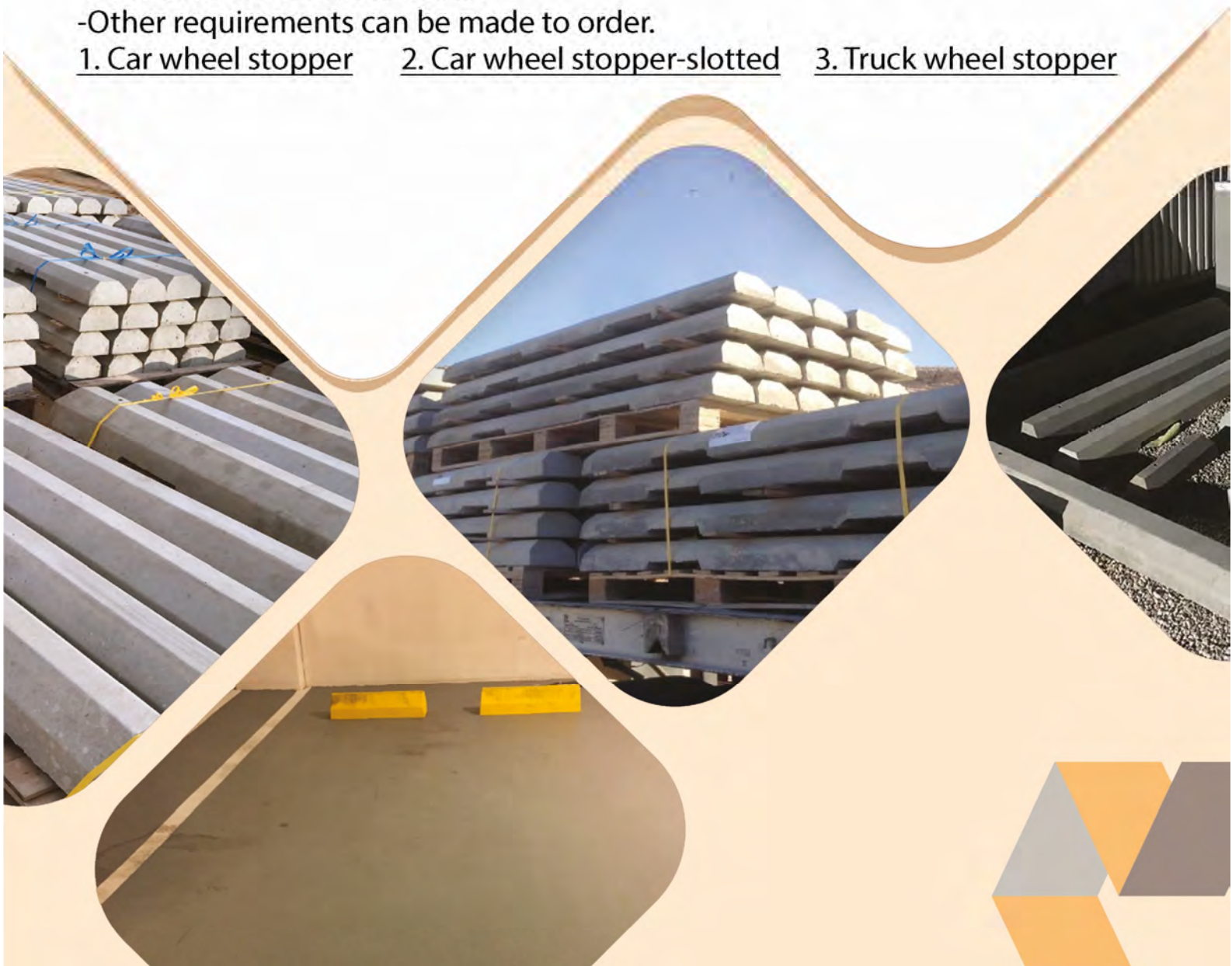
-RCB standard parking curbs are vibrated as they are cast to provide good consolidation of the concrete with rebar reinforcement which increases durability and improves their appearance.

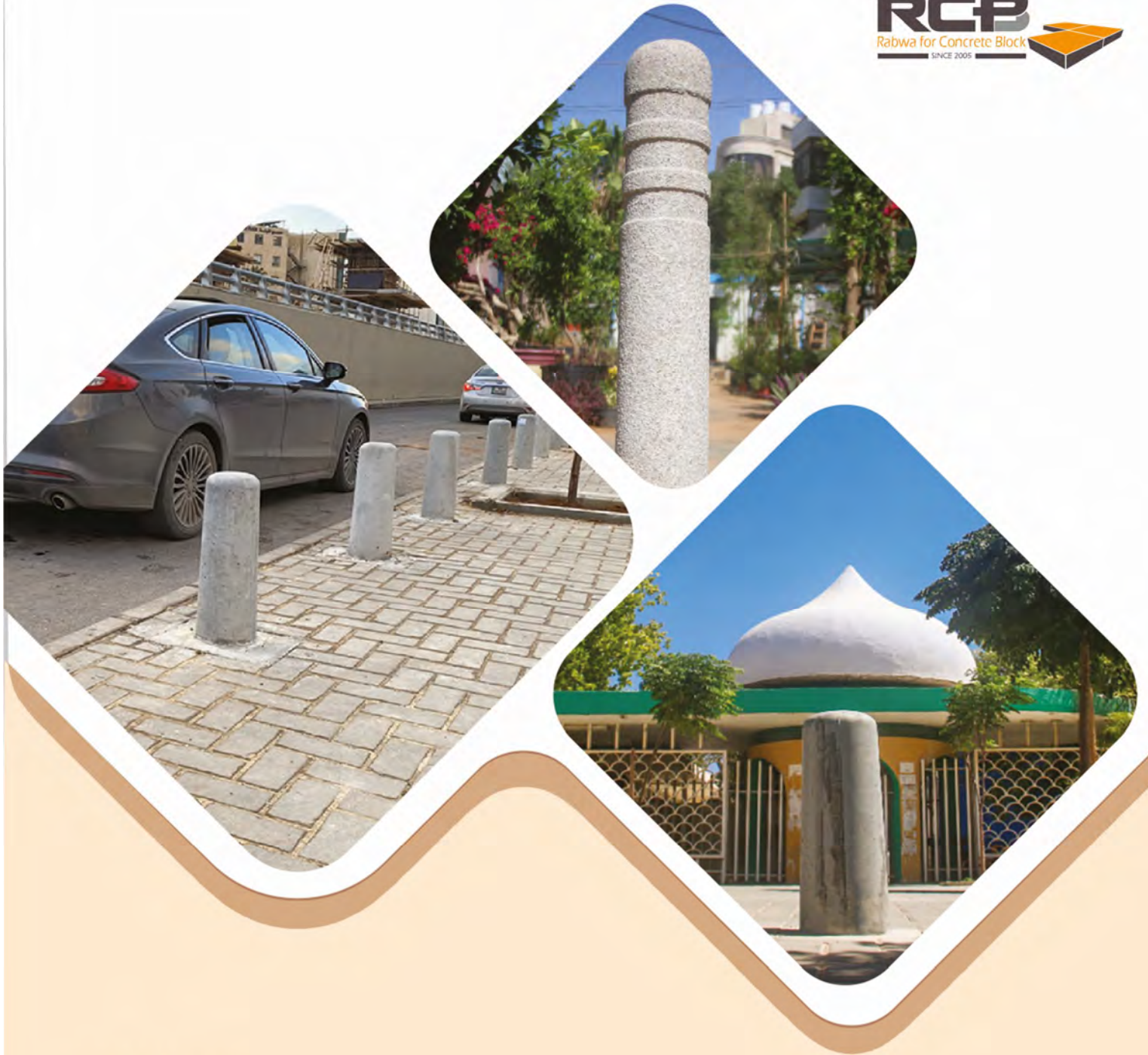
-Dimension:

1. 500 mm x 150 mm x 120 mm
2. 1800 mm x 200 mm x 120 mm
3. 2000 mm x 200 mm x 120 mm
4. 2400mm x 250mmx 200mm

-Other requirements can be made to order.

1. Car wheel stopper 2. Car wheel stopper-slotted 3. Truck wheel stopper





J- BOLLARDS

-Our concrete parking-bollards are an effective means of protecting structures on your property, the perimeter, and/or building entrances. Our bollards serve as an attractive security barrier for schools, banks, military bases, shopping malls, and apartment complexes, as well as any other commercial and retail locations. We offer several installation methods including in-ground, surface mounted, and movable.

1. Cylinder.
2. Spherical.
3. Decorative.

K- CURBSTONE

- Road curb serves several purposes:

K.1. Retaining the carriageway edge to prevent spreading and loss of structural integrity.

K.2. Acting as a barrier or demarcation between road traffic and pedestrians or verges.

K.3. Providing physical checks to prevent vehicles from leaving the carriageway.

K.4. Forming a channel along which surface water can be drained, there are many different types of road curbs.

1. 15*30*50cm

2. 15*30*60cm

3. 15*25*50cm

4. 20*25*50cm

5. 15*17*50cm





L- DECORATIVE JERSY BARRIER

- Pre-cast concrete short decorative barriers combine maximum protection with a decorative geometric style. These security barriers can be standalone units with finished ends spaced accordingly for perimeter security.



M- RCB SLOPE PROTECTION BLOCK

-A slope protection block is a precast concrete unique element used as a retaining wall at two soil different levels to protect the soil from decline, it can be used up to 4m at different levels.

N- POTS

-RCB precast concrete Pots have a way of adding great a statement look to any outdoor space. Combined with the right floral arrangement and they can be a defining feature in transforming a space into our client's vision.

-RCB offers these decorative pots in a variety of colors, sizes, and finishes.







O- ACCESSORIES

- The policy of RCB aims to support the creative aspect in the use of concrete through the production of the elements of value and symbolism to the public.
- The main objective of this aspect is; to show the company's capabilities to employ concrete in various fields, which the work team was able to develop a mixture of concrete through reaching the thickness of four millimeters.



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