ALLIED CONCRETE PRODUCTS, INC.
STRENGTH FOR LIFETIME USE

COMMONWEALTH
EDSA
LAGUNA
BULACAN

CONTACT US

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www.alliedconcreteph.net

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COMPANY PROFILE

ALLIED CONCRETE PRODUCTS, INC.

Established in 1960, Allied Concrete is a major concrete block, pipe, and manhole manufacturer in the Philippines with its production plants conveniently located in Metro Manila, Laguna, and Bulacan.

The company's years of experience in the construction industry always pride itself on it's personnel's technical knowledge and expertise in providing competitive design and product quality. To cater for the growing market demand, a network of transport vehicles are maintained to ensure prompt delivery at all times.

With its flexible production facilities, it manages to meet the requirements of the industry for various concrete products. Updated equipment and machines are installed to keep abreast with the dynamic requirements of our clients

For over 60 years, Allied Concrete Products Inc., stands for maturity, know-how, continuity and the ability to assert itself in the industry

VISION STATEMENT

To be the leader, and preffered supplier of concrete products, in the Philippines.

MISSION STATEMENT

1 To give superior service in design, manufacture, and quality of concrete products, providing total customer satisfaction at a very competitive price using the highest quality standards.

2 To conduct ourselves so that our business produces a profit which creates the opportunity for growth.

3 To provide our employees the necessary information, training and tools to continuously improve and be effective on their efforts.

4 To establish and maintain long-term partnerships with our employees, customers, and suppliers by promoting a culture of cooperation and fair dealing.

VALUE STATEMENT

We recognize and value our customers and employee by emphasizing:

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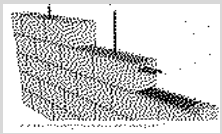
Updated as of 12/20/2025

Concrete Hollow Block CHB

Thickness [in]	Thickness [mm]	Compressive Strength [psi]	Length [mm]	Height [mm]	Area [m2]
4	90	400	390	190	0.0741
5	115	400			
6	140	400			
8	190	400			
3	68	700	390	190	0.0741
4	90	700, 1000, 1900			
5	115	700, 1000, 1900			
6	140	700, 1000, 1900			
8	190	700, 1000, 1900			
10	245	700, 1000, 1900			

Special Application Hollow Block

Type	Thickness [in]	Thickness [mm]	Compressive Strength [psi]	Length [mm]	Height [mm]
Corner Block	6	140	700	390	190
Beam Block 	6	140	700	390	190
Keystone Block	12	300	3000	450	205

NOTE: Keystone block to be referred to contractor

Updated as of 12/20/2025

ALLIED CONCRETE PRODUCTS, INC.
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VALUE STATEMENT

We recognize and value our customers and employee by emphasizing:

- Customer – Driven attitude
- Trust, Integrity and Honesty
- Empowering the workforce
- Achievements of plans and objectives
- Teamwork
- Pride in product and company
- Pro-activity
- Employee recognition and development
- Safe and Positive work environment

ACPI Concrete Pipes

Nominal Size Inches	Nominal Size mm	Length [m]	Type	Ordinary	Class II	Class III	Class IV	Class V
6	150	1	Non-Reinforced	✔				
8	200			✔				
10	250			✔				
12	300			✔				
15	375			✔				
18	450			✔				
12	300	1	Reinforced	✔	✔	✔	✔	✔
15	375			✔	✔	✔	✔	✔
18	450			✔	✔	✔	✔	✔
21	525			✔	✔	✔	✔	✔
24	600			✔	✔	✔	✔	✔
30	750			✔	✔	✔	✔	✔
36	900			✔	✔	✔	✔	✔
42	1050			✔	✔	✔	✔	✔
48	1200			✔	✔	✔	✔	✔
54	1350			✔	✔	✔	✔	✔
60	1500			✔	✔	✔	✔	✔
66	1650			✔	✔	✔	✔	✔
72	1800			✔	✔	✔	✔	✔
80	2000			✔	✔	✔	✔	
84	2100			✔	✔	✔	✔	
100	2500				✔	✔	✔	
112	2800						✔	

Note: Available in longer lengths up to 2.5m if required

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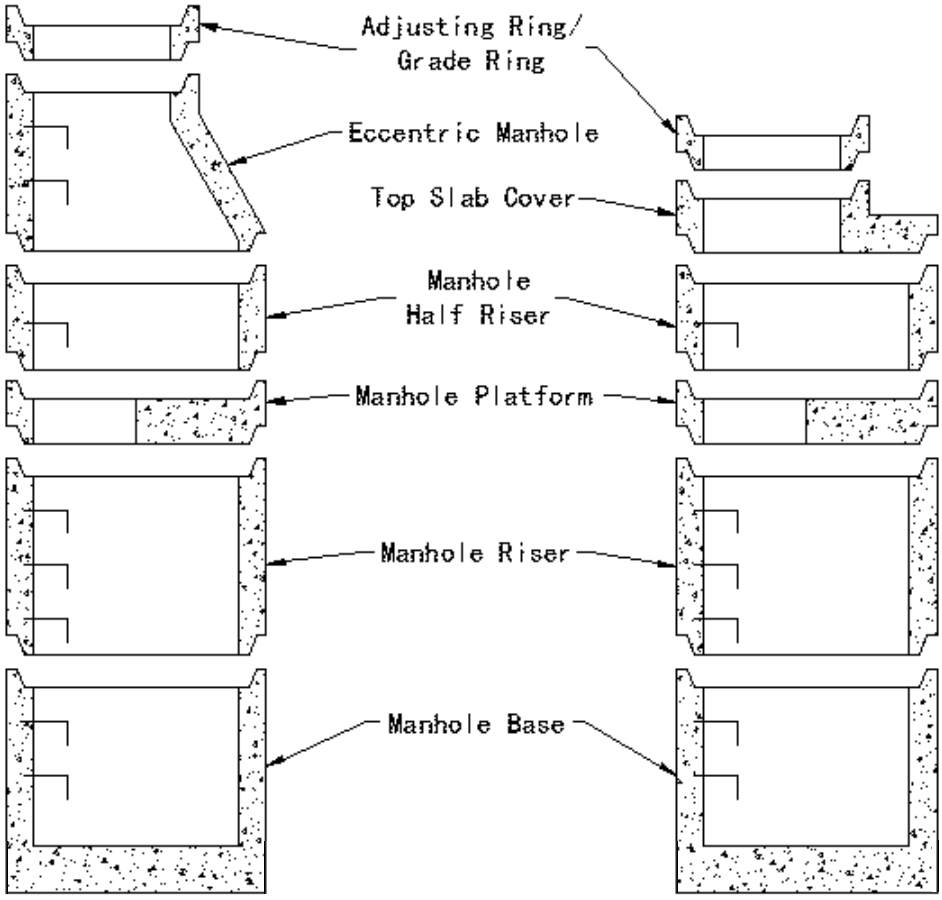
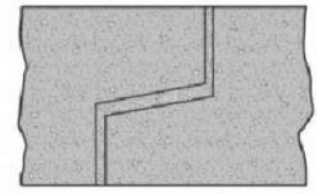
ACPI Manhole System

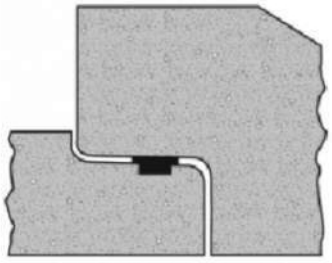


Tongue and Groove
w/ Mortar Packing



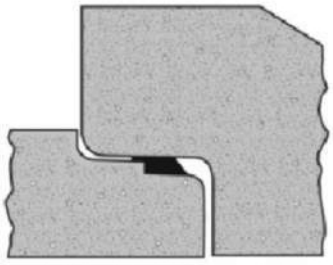
Typical cross-section of tongue and groove joint with mortar packing

Rubber Gasket Joint
w/ O-Ring Gasket



Typical cross-section opposing shoulder type bell and spigot joint with a confined o-ring rubber gasket

Rubber Gasket Joint
w/ Single Offset Gasket



Typical cross-section opposing shoulder type bell and spigot joint with a single offset rubber gasket

Source: American Concrete Pipe Association, 2009

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Updated as of 12/20/2025

ACPI Manhole System

Type Class IV	Size Inches	 mm	Height [m]
Eccentric Manhole w/ Ladder Rung	36 x 24	900 x 600	0.7 and 1.0
	42 x 24	1050 x 600	0.7
	48 x 24	1200 x 600	0.7 and 1.0
	54 x 24	1350 x 600	0.9
	60 x 24	1500 x 600	
	72 x 24	1800 x 600	
	80 x 24	2000 x 600	
	84 x 24	2100 x 600	
	48 x 36	1200 x 900	1.0
	60 x 48	1500 x 1200	
	72 x 60	1800 x 1500	
	112 x 60	1200 x 1500	
Manhole Riser w/ Ladder Rung	36	900	1.0 and 0.5
	42	1050	
	48	1200	
	54	1350	
	60	1500	
	66	1650	
	72	1800	
	80	2000	
	84	2100	1.0
	100	2500	
	112	2800	
Manhole Base	36	900	Up to 1.2
	42	1050	
	48	1200	
	54	1350	
	60	1500	
	72	1800	
	100	2500	

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ACPI Manhole System

Type Class IV	Size Inches	 mm	Height [m]
Manhole Platform 	36	900	0.2
	48	1200	
	60	1500	
	72	1800	
	100	2500	
	112	2800	
Manhole Adjusting Ring / Grade Ring 	24	600	0.2
Flat Slab Manhole Cover 	36 x 24	900 x 600	0.25
	48 x 24	1200 x 600	
	42 x 24	1050 x 600	
	60 x 24	1500 x 600	

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ACPI Precast Open Canal

Type	Size		
	Width [mm]	Height [mm]	Length [m]
U-Type Gutter	240	240	0.6
	300	300	1
	300	300	2
	450	450	2

ALLIED CONCRETE PRODUCTS
TIGER PAVERS

NOTE: Pavers available in grey and red

KB TURF GRASS
80mm x 240mm x 180mm
(12.5 pcs / sqm | 8.0kg)

ZIGZAG
50mm x 112.5mm x 225mm
(40 pcs / sqm | 2.3kg)

HALFMOON
50mm x 250mm x 180mm
(36 pcs / sqm | 3.0kg)

HEXAGON TILE
50mm
(24 pcs / sqm | 4.0kg)

NON-SKID DIAMOND
30mm x 200mm x 200mm
(25 pcs / sqm | 1.7kg)

NON-SKID CHOCOLATE
30mm x 200mm x 200mm
(25 pcs / sqm | 1.7kg)

NON-SKID ROUND
30mm x 200mm x 200mm
(25 pcs / sqm | 1.7kg)

STRAIGHT PAVING BLOCK
50mm-150mm x 4" x 8"
(50 pcs / sqm | 2.0kg)

EDGE ZIGZAG
2 1/4" x 4" x 9"

SUN FLOWER
8.5" x 8.5"
(22 pcs / sqm)

TRI-WED/SPACE SHUTTLE
50mm
(25 pcs / sqm | 4.0kg)

KEYSTONE
6" x 9"
(38 pcs / sqm | 2.5kg)

TRI-KB TURF GRASS
80mm x 250mm x 400mm
(10 pcs / sqm)

HALF ZIGZAG
60mm x 112.5mm x 112.5mm
(80 pcs / sqm)

TURF ZIGZAG GRASS
4" x 9.5" x 14"
(12 pcs / sqm)

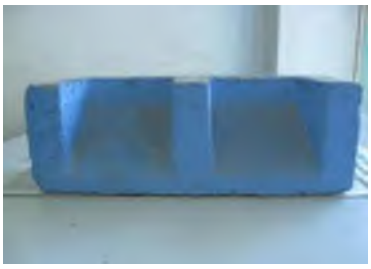
DOGBONE
50mm x 250mm x 150mm
(32 pcs / sqm | 3.5kg)

Calamba, Laguna: 049-545-1998 / 049-508-0357 / 02 8788-1514
Edsa Q.C.: 8374-1398/8374-1397 Fax: 8332-4700
Commonwealth Q.C.: 8931-0040/8932-3732/8932-7418
Email: alliedconcreteph@yahoo.com website: www.alliedconcreteph.net

ALLIED CONCRETE PRODUCTS

VENTILATION BLOCKS / DECORATIVE BLOCKS

NOTE: Ventilation and decorative blocks sold in grey color. Select blocks below are painted for reference only.



DOUBLE LOUVER

size: Width: 5"
Height: 5.5"
Length: 15"

GIANT LOUVER

size: Width: 5.5"
Height: 7.5"
Length: 15.5"

SUPER LOUVER

size: Width: 5.5"
Height: 7"
Length: 10"

ORDINARY LOUVER
5.5"x5.5"x12"

MOJON - BIG
6"x16"

Calamba, Laguna: 049-545-1998 / 049-508-0357 / 02 8788-1514
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ALLIED CONCRETE PRODUCTS

VENTILATION BLOCKS / DECORATIVE BLOCK

NOTE: Ventilation and decorative blocks sold in grey color. Select blocks below are painted for reference only.

CASIANA (B)

MALAGUENIA (B)

RIZAL (C)

RHAMA (B)

LOPEZ (B)

AGUINALDO (C)

MABINI (B)

CHECKER (B)

VALENCIA (A)

PALMA (A)

MIRANDA (C)

OSMENA (C)

Decorative Block Dimensions: (A) 3.5" x 12" x 12" (11pcs / sqm)
(B) 3.5" x 10" x 10" (16pcs / sqm)
(C) 3.5" x 8" x 8" (25pcs / sqm)

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ALLIED CONCRETE PRODUCTS

VENTILATION BLOCKS / DECORATIVE BLOCKS

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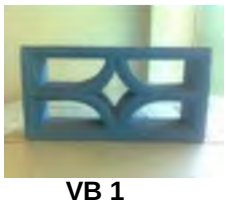

VB 1

VB 2

VB 3

VB 4

VB 5

VB 6

VB 7

VB 8

VB 9

VB 10

VB 11

VB 12

VB 14

VB 15

VB 16

VB 17

VB 18

VB 19

VB 20

VB 21

VB 22

VB 23

VB 24

Typical Ventilation Block Dimensions: 90mm x 190mm x 390mm (14pcs / sqm)

Calamba, Laguna: 049-545-1998 / 049-508-0357 / 02 8788-1514
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Commonwealth Q.C.: 8931-0040/8932-3732/8932-7418
Email: alliedconcreteph@yahoo.com website: www.alliedconcreteph.net

ALLIED SINCE 1960
CONCRETE PRODUCTS INC.

COMMONWEALTH
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Rev 1 06/30/2023

Precast Concrete Post

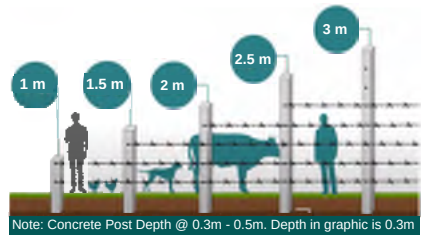
PRE-STRESSED STEEL | FAST & EASY TO INSTALL | LIGHTWEIGHT

Our PRECAST CONCRETE POST is a pre-stressed fencing product with pre-installed attachment holes which allows land owners, contractors, and developers to:

- **Fence** using **barbed wire / wire mesh / tarpauline / corrugated steel sheets / etc.**
- **Reduce** overall **material and labor cost**
- **Shorten** project **duration**
- **Install** and **dismantle easily** and conveniently

Ideal for:

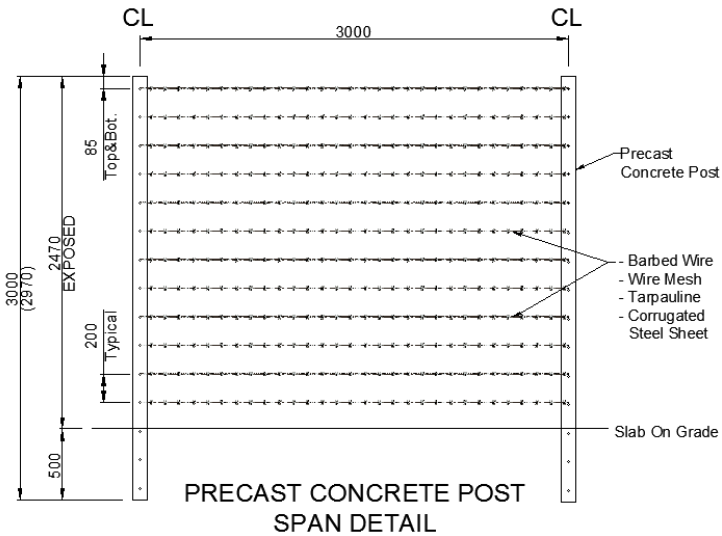
- Agricultural Land
- Construction & Industrial Sites
- Commercial & Residential Properties



Note: Concrete Post Depth @ 0.3m - 0.5m. Depth in graphic is 0.3m

SPECIFICATIONS			
Concrete Properties		**Reinforcing Properties**	
Concrete Strength @ 28 Days	3000 psi	Type	Pre-stressing Wire
Concrete Density	2400 kg/m3	Size	4mm Diameter
Dimensions		Ultimate Tensile Strength	1760 MPa
Configuration (3m maximum (increments of 0.5m)	4"x4" (23 kg/m) 4 Wires 3"x3" (14 kg/m) 2 Wires	Area of Wire	12.56 mm2

Note: Actual product includes 2.5mm drafts for stripping



PRECAST CONCRETE POST
SPAN DETAIL

Installation Procedure:

Step 1: Install Concrete Post 0.5m into excavated hole/formwork/rebar cage prior to pouring. Orient the Concrete Post such that the holes are facing the the side that will be fenced. Ensure that the Concrete Posts are aligned and level.

Step 2: Install (1) Concrete Post diagonally against the first Concrete Post to act as permanent support during and after the barbed wire/wire mesh has been installed.

Step 3: Pour foundation with the Concrete Posts installed

Step 4: Prepare hammer and hair pin-shaped wires for barbed wire / wire mesh installation

Step 5: Attach the barbed wire/wire mesh to the Concrete Post using the hair pin-shaped wires by driving the hair pins through the barbed wire/wire mesh and into the holes. Lock the in place by opening the ends of the hairpin in the opposite side of the hole.

Installation procedure and product photos taken from: https://www.youtube.com/watch?v=dhTw9RCLVew

ALLIED SINCE 1960
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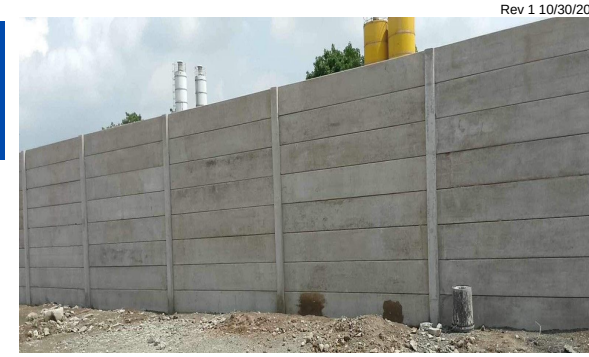
Rev 1 10/30/2025

Precast S-Fence System

PRE-STRESSED STEEL | FAST & EASY TO INSTALL | REUSABLE/EASY RELOCATION



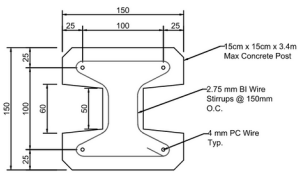
Our PRECAST FENCE system is a pre-stressed wall system with a smooth and high quality architectural finish which allows contractors and developers to:

- **Reduce** overall **material and labor cost**
- **Shorten** project **duration**
- **Install** and **dismantle easily** and conveniently
- **Control** project **costs** more effectively

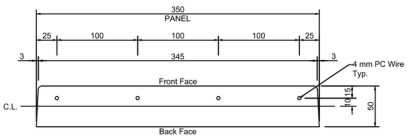
Ideal for:

- Subdivisions
- Commercial & Residential Properties
- Industrial Sites / Agricultural Land
- Highways & Roads

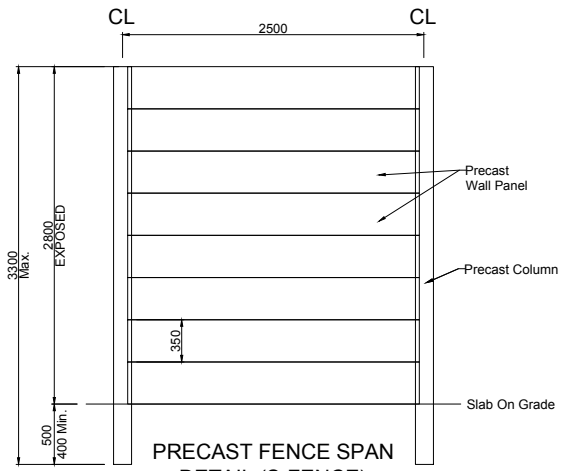
SPECIFICATIONS			
Concrete Properties		**Reinforcing Properties**	
Concrete Strength @ 28 Days	3000 psi	Type	Pre-stressing Wire
Concrete Density	2350 kg/m3	Size	4mm Diameter
System Components		Ultimate Tensile Strength	1760 MPa
Components	Wall Panel = 105 kg (42 kg/m) Column = 115 (35 kg/m)	Area of Wire	12.56 mm2



Precast Column



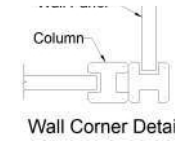
Precast Wall Panel



PRECAST FENCE SPAN DETAIL (S-FENCE)

Installation Procedure:

Step 1: Install Columns at 0.5m depth with isolated footing formwork prior to pouring. Footing details in Appendix A. Ensure that the columns are aligned and level. Note: Column spacing = panel length + 90mm. Install (2) Columns next to each other at wall corners if the wall changes orientation.

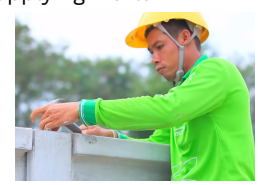


Wall Corner Detail

Step 2: Pour the isolated footing with the Column installed. Option to use precast base.

Step 3: Insert Precast Wall Panel between Columns. Ensure that each Wall Panel installed is level using a level bar. Add shims/spacer under each wall panel as required.

Step 4: Install spacers in the Column-Wall joint at the top most panel to prevent wall movement when applying mortar



Step 5: Apply mortar at the Column-Wall joint to seal off erection tolerances.

Installation procedure and product photos taken from: https://www.youtube.com/watch?v=dhTw9RCLVew