



YOUR **TRUSTED** CIVIL ENGINEERING SPECIALIST



Innovative Construction Development Co.,Ltd.

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CONSTRUCTION WITH
LOYALTY | QUALITY | RESPONSIBILITY

YOUR TRUSTED CIVIL ENGINEERING SPECIALIST

| ABOUT US

INNOCON was officially established as a main multi-disciplinary civil engineering construction company since 2008. Founded by Mr. Boontae Khuanpongsakul, a young engineer graduating in Master of Engineering Science, specialized in Project Management from University of New South Wales, Australia.

Prior to the establishment of Innocon, he worked as a structural and civil engineer in an international design company. He also experienced as a site engineer in Thailand's leading construction firms, including as a project manager in a renowned real estate developer for many years. With his passion and experience of all phases of construction project management, it drove him confidently to establish a construction company.

For the past several years, the company has provided a wide range of construction services to many blue-chip clients in various industries, including private sector and public sector. The company has expertise in immensely standardized working system and safety, also the complicated projects which need more concentration and well planning with critical thinking.



Mr. Boontae Khuanpongsakul
Managing Director and Construction Director

Innocon takes pride in being a good collaborative partner for its clients, providing exceptional service and building long-lasting relationships. As a trusted contractor, the company has gained the confidence of its clients, resulting in repeat appointments for its services. This includes awards and testimonial certifications, which are displayed at the back of this portfolio.

That's why our slogan is derived from
**"YOUR TRUSTED CIVIL
ENGINEERING SPECIALIST."**



| SCOPES OF SERVICE

Innocon provides a full range of construction including:



1. Building structure
2. Infrastructure (road and drainage system)
3. Architecture
4. Electrical and communication system

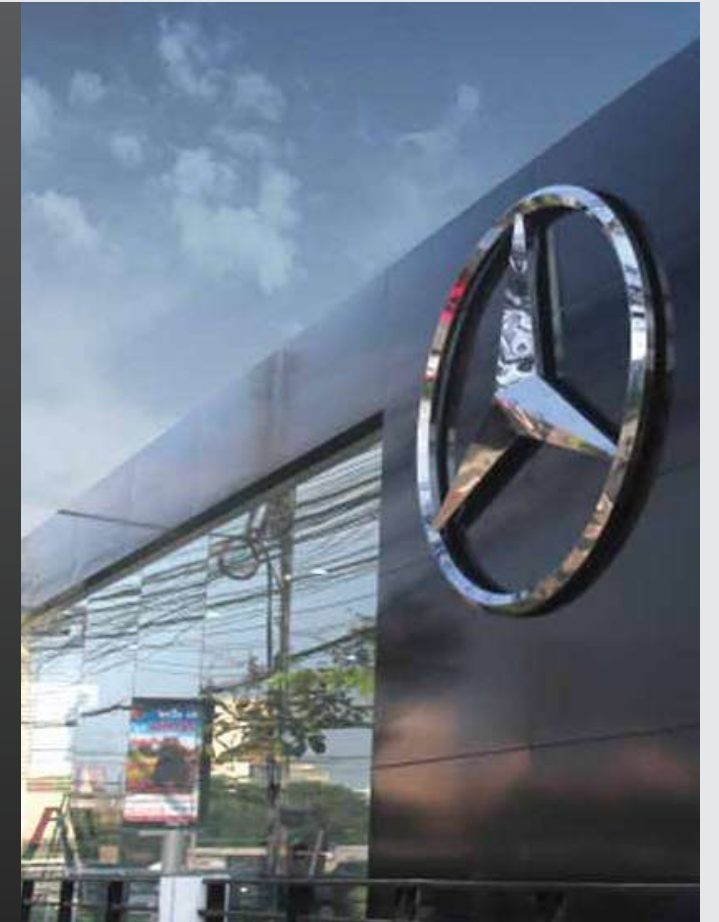
5. Lightning and grounding system
6. Sanitary and plumbing works
7. Fire protection works
8. Fire suppression works
9. HVAC works





| **REFINERY /
OIL & GAS
INDUSTRIES /
RENEWABLE
ENERGY**

| **COMMERCIAL &
OFFICE BUILDING**



INNOCON **PROJECT REFERENCES**

| **SPECIAL
BUILDING
(PURPOSE-BUILT
CONSTRUCTION)**



| **HEALTHCARE
AND HOTEL**



REFINERY / OIL & GAS INDUSTRIES / RENEWABLE ENERGY



Flagship Bangchak Petrol Service Station Srinakarin Phase 3, BCP

Description :

A flagship Bangchak petrol service station phase 3 which composes of four retail buildings and one public restroom with VRF system air conditioning. The project had been completed within 3 and a half months which is required a good management and procurement.

Project Name :

Flagship Bangchak Petrol Service
Station Srinakarin Phase 3, BCP

Client :

Bangchak Corporation Public
Company Limited

Location :

Srinakarin Road ,Bangkok



01

**FLAGSHIP
BANGCHAK
PETROL
SERVICE
STATION**





Petrol Loading Area with All Facilities and Petrol Truck Parking Area with Canopy of Petrol Pump Station, BCP

Description :

Approximate 10,000 sq.m. concrete pavement for petrol loading area and about 1,500 sq.m. for oil truck parking area with all facilities including oily drain, drainage gutter, chain link, retaining wall, fire hydrant platform, duct bank, folding gate and petrol pump station.

Project Name :

Petrol Loading Area with All Facilities and Petrol Truck Parking Area with Canopy of Petrol Pump Station , BCP

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok

Reinforcement to resist the earthquake force Phase 3 , BCP

Description :

Reinforcement of the Pipe Rack steel structure No.2 by bracing and put some stiffeners, also reinforce the structure 2E-301 and 2J-308 by using CFRP to resist the earthquake force.

Project Name :

Reinforcement to resist the
earthquake force Phase 3 , BCP

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok





04 REINFORCEMENT TO RESIST THE EARTHQUAKE

Reinforcement to resist the earthquake force Phase 2 , BCP

Description :

Reinforcement of the Airfin steel structure at Substation No.2 by bracing and put some stiffeners ,also reinforce the structure of piers under the control room , 3F-302 / 3F-304 and 3R-301 by using CFRP to resist the earthquake force.

Project Name :

Reinforcement to resist the earthquake force Phase 2 , BCP

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok

Drainage System, Road Pavement, and Footpath Improvement, BCP

Description :

Refinery access road infrastructure improvement including drainage system, road pavement, and footpath

Project Name :

Drainage System, Road Pavement,
and Footpath Improvement , BCP

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok



05 DRAINAGE SYSTEM

Petrol Drainage Point Structure and Checker Exit Area Concrete Pavement, BCP

Description :

Design and construction of petrol drainage point structure and checker exit area concrete pavement with removable flood protecting steel retaining wall.

Project Name :

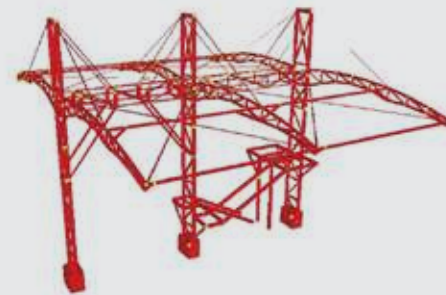
Petrol Drainage Point Structure and
Checker Exit Area Concrete Pavement, BCP

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok



07

NEW CONSTRUCTION OF POWER HOUSE

New Construction of Power House, Pump Station, Rest Rooms and Retaining Wall Boundary Fence, BCP

Description :

Renew construction of power house, pump station, rest room and retaining wall to be in place of the existing buildings, including modification of the existing canteen and also hard and soft scape around building areas.

Project Name :

New Construction of Power House ,
Pump Station ,Rest Rooms and
Retaining Wall Boundary Fence,
BCP

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Bang Pa-in Depot,
Ayutthaya





08
**EURO V QUALITY
IMPROVEMENT**

Euro V Quality improvement

Description :

This is a part of Euro V Quality improvement project in the Bangchak Refinery Plant which consists of the equipment structures, foundations and pipe supports. Also paving and drainage system, including underground piping.

Project Name :

Euro V Quality improvement

Client :

TTCL Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok

Concrete Road A and Street 12

Description :

The Project comprises the improvement of Road A and street 12 which are located in the inner Bangchak Refinery area, approximately 7,400 square metres, by removing the existing asphalt pavement and rectifying all the soft sub-base area to be 95% modified standard proctor compaction, and finishing with 15 centimetre reinforced concrete pavement, including leveling adjacent gutter to meet the top level of the new concrete pavement

Project Name :

Concrete Road A and Street 12

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok



Infrastructure for solar energy farm

Description :

Design, survey and construction of 130 metres earth-fill compaction road and 7 centimetres thick concrete lining d 260 metres approximately long, along the project boundary, including 400 metres U-ditch dredging.

Project Name :

Infrastructure for solar energy farm

Client :

BCPG Public Company Limited

Location :

Amphoe Bamnet Narong,
Chaiyaphum



SPECIAL BUILDING (PURPOSE-BUILT CONSTRUCTION)



| SPECIAL BUILDING (PURPOSE-BUILT CONSTRUCTION)

New Laboratory, BCP

Description :

New construction of a three-storey BCP Laboratory Building which is constructed with steel structure and metal desk floor ,also including electrical, HVAC, plumbing, and fire protection systems.

Project Name :

New Laboratory , BCP

Client :

Bangchak Corporation Public
Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok



01
NEW
LABORATORY
BCP



| SPECIAL BUILDING (PURPOSE-BUILT CONSTRUCTION)

True Boiling Point Laboratory, BCP

Description :

New construction of a one-storey BCP Laboratory Building which is connected to the main laboratory in operation. The building was constructed in reinforced concrete wall system in order to protect the explosion. Also, electrical, HVAC, plumbing, and fire protection systems have been integrated in this scope.

Project Name :

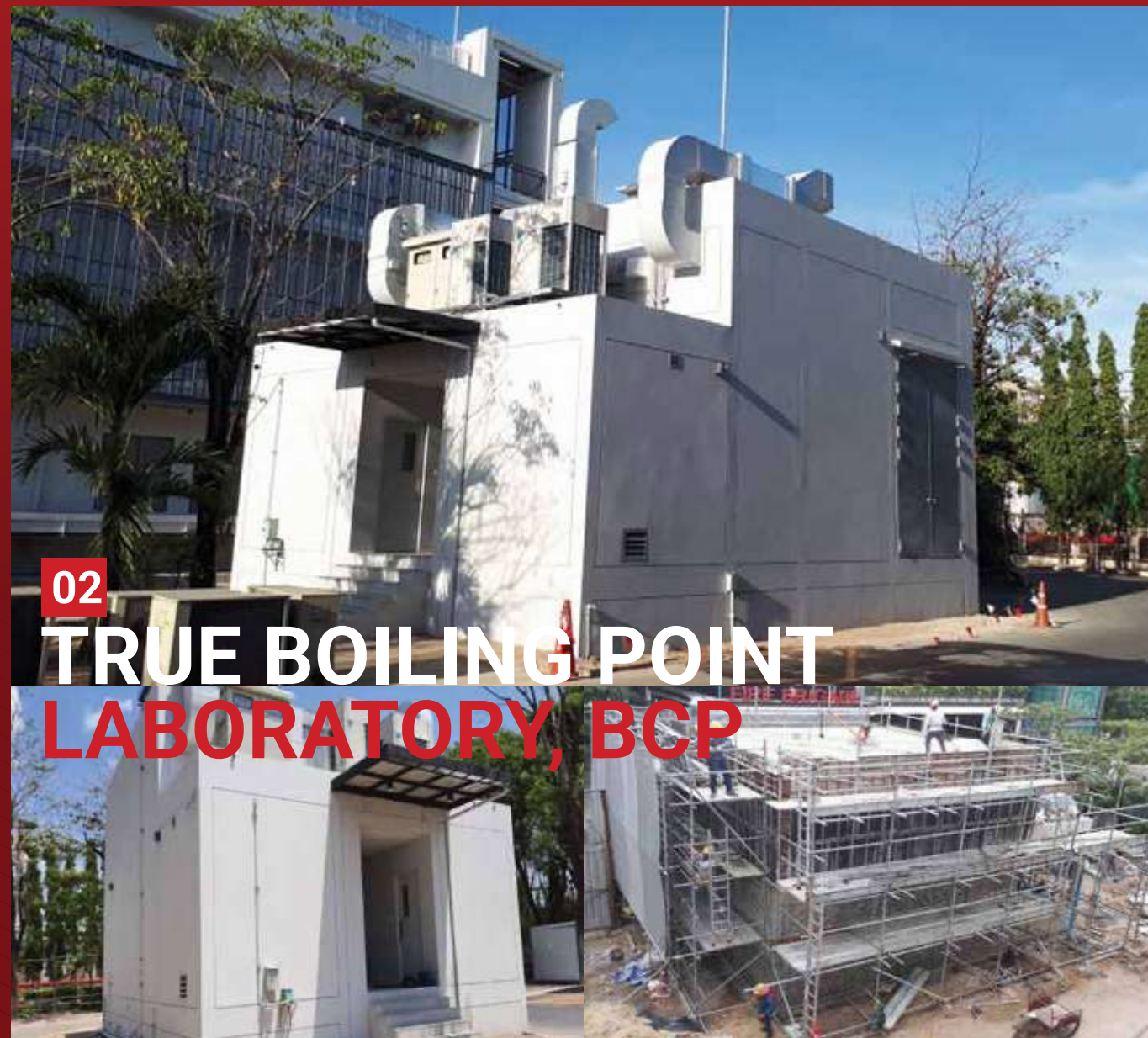
True Boiling Point Laboratory, BCP

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok



02

TRUE BOILING POINT LABORATORY, BCP

| SPECIAL BUILDING (PURPOSE-BUILT CONSTRUCTION)



03

SUB STATION BUILDING NO.7

New Substation No.7

Sub Station Building No.7

Description :

The new construction of a four-storey building, which is called Substation Building No.7 in Bangchak Refinery area, comprises of 1,324 square metres functional area with designed live load about 1,200 kilogrammes per square metre, 22.55 metres high and 150 square metres parking area. The project purpose is to provide electrical power to the Sustainable Aviation Fuel (SAF) Production Plant. The structure of the building is reinforced concrete and steel structure. The building has been equipped with electrical systems with main distribution board, lighting and grounding system, fire alarm and emergency light system, sanitary system, fire protection system, fire suppression (IG100), and HVAC system with intelligent control (I-touch manager).

Project Name :

Sub Station Building No. 7

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Refinery Sukhumvit 64,
Bangkok

COMMERCIAL & OFFICE BUILDING





Honda Cars Showroom (Ayutthaya)

Description :

Improvement of whole showroom, architectural / interior works and changing new facade including M&E works.

Project Name :

Honda Cars Showroom
(Ayutthaya)

Client :

Jor. Charoenchai Honda Cars
(Ayutthaya) Co., Ltd.

Location :

Asia Highway, Ayutthaya

Temporary Showroom Mercedes-Benz Lumpini

Description :

Construction of modern architectural and structural showroom design and construction including M&E works.

Project Name :

Temporary Showroom
Mercedes-Benz Lumpini

Client :

Thonburi Phanich Co., Ltd.

Location :

Rama IV Rd., Bangkok



02

TEMPORARY SHOWROOM



03

FACADE AND LANDSCAPE IMPROVEMENT, BLDG. 4



Facade and Landscape Improvement, Bldg. 4 Bangchak Petroleum PCL.

Description :

Changing old mosaic skin of building to be new aluminium composite facade with tree pattern and landscape improvement.

Project Name :

Facade and Landscape Improvement, Bldg. 4 Bangchak Petroleum PCL.

Client :

Bangchak Corporation
Public Company Limited

Location :

Soi Sukhumvit 64, Bangkok

Honda Used Cars Showroom and Rojana Honda Main Showroom

Description :

Construction of Honda used car new building and refurbishment of interior main showroom, customer lounge, service area, showing car area with improvement of MEP system and outside landscape.

Project Name :

Honda Used Cars Showroom and
Rojana Honda Main Showroom

Client :

Jor. Charoenchai Honda Cars
(Ayutthaya) Co., Ltd.

Location :

Rojana Road, Ayutthaya



04

HONDA USED CARS SHOWROOM



05

REFURBISHMENT OF CANTEEN

Refurbishment of Canteen and Dodecagon Contractor's Building, BCP

Description :

Refurbish the existing canteen with air-conditioning and interior decoration including seminar and meeting room with audio and video systems. Also, the renovation of dodecagon contractor's building with new faced and branded new interior decoration with air-condition rooms including meeting room at the middle of building.

Project Name :

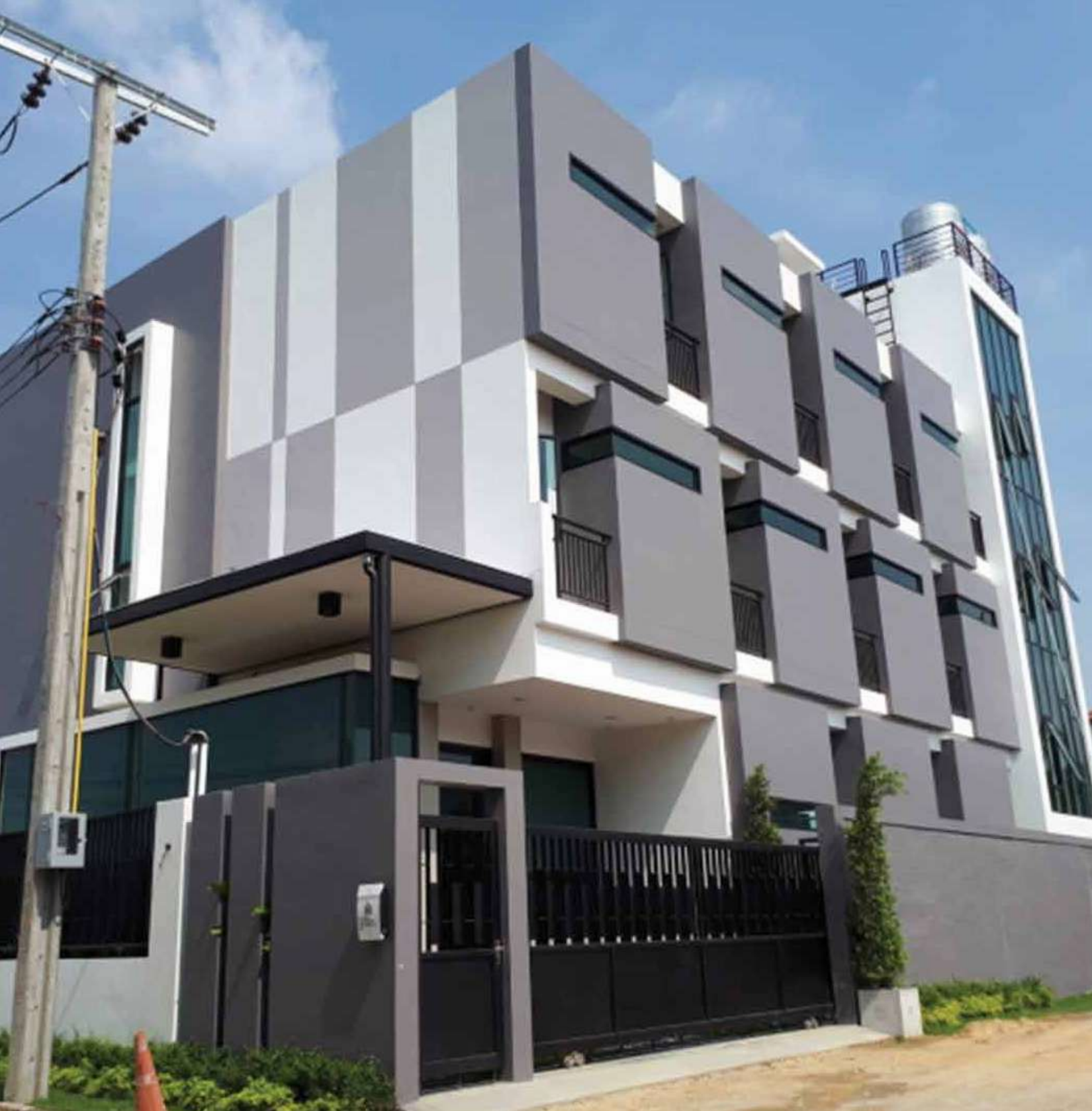
Refurbishment of Canteen and
Dodecagon Contractor's Building,
BCP

Client :

Bangchak Corporation
Public Company Limited

Location :

BCP Bang Pa-in Depot,
Ayutthaya



HEALTHCARE AND HOTEL



The B48 Hotel

Description :

Design and construction of architectural, structural, interior, mechanical and electrical works and landscape

Project Name :

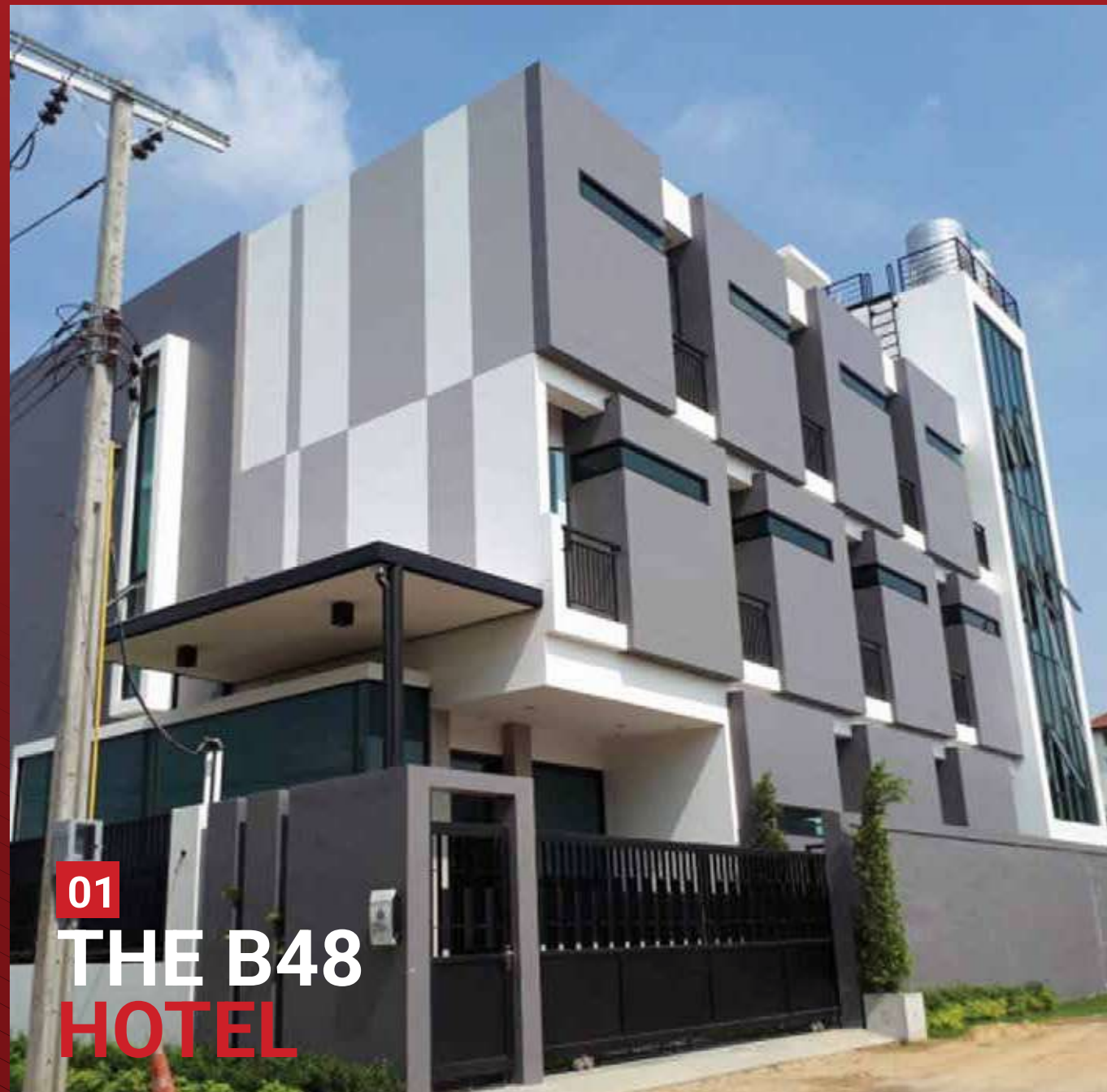
The B48 Hotel

Client :

Private investor

Location :

Chalermprakit Rama 9 Soi 48,
Bangkok



01

THE B48
HOTEL



02

TRAFFIC ROAD,
DROP-OFF AREA
AND FOOTPATH

Traffic Road, Drop-off Area and Footpath, King Chulalongkorn Memorial Hospital

Description :

An improvement of traffic structure in front of 3 main buildings including extension of road for drop-off, refinishing all the footpath area around the buildings, traffic signage, asphaltic pavement and thermoplastic traffic paint signs.

Project Name :

Traffic Road ,Drop-off Area and
Footpath, King Chulalongkorn
Memorial Hospital

Client :

King Chulalongkorn Memorial
Hospital

Location :

Rama IV Road, Bangkok



03

INFRASTRUCTURE IMPROVEMENT

Infrastructure Improvement for X-OPD Building

Description :

The project is to demolish and remove existing concrete pavement and pouring the new 25 centimetres thick concrete road with traffic signs 1,600 square metres approximately. Also, The u-shape gutter with manholes has been installed for drainage system, including relocating and rewiring CCTV, telecommunication , and fire alarm sytem along the boundary fence.

Project Name :

Infrastructure Improvement for X-OPD Building

Client :

King Chulalongkorn Memorial Hospital

Location :

Rama IV Road, Bangkok

Water front hardscape, Courtyard Marriotte Suvarnabhumi Hotel

Description :

The construction of SCG paving blocks with curbs and concrete pavement with drainage system underneath preparing for finishing of artificial grass

Project Name :

Water front hardscape, Courtyard Marriott Suvarnabhumi Hotel

Client :

MI Development Co., Ltd.

Location :

Ladkrabang Bangkok



04

WATER FRONT HARDSCAPE, COURTYARD

SKILL DEVELOPMENTS



WORKING IN CONFINED SPACES TRAINING



WORKING IN CONFINED SPACES TRAINING



FIRE WATCHMAN SAFETY COURSE



WORKING AT HEIGHTS
SAFETY TRAINING



FIRE EXTINGUISHER
SAFETY TRAINING



SCAFFOLDING INSTALLATION
TRAINING



TRAINING COURSES FOR
WORKING HOISTS AND CRANE



CERTIFICATES AND AWARDS

| Client :
**Bangchak Corporation
Public Company Limited**



| Client :
**Bangchak Corporation
Public Company Limited**



| Client :
**KING CHULALONGKORN
MEMORIAL HOSPITAL**



OUR VALUABLE CLIENTS

