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LUMINAIRES

SINCE 1993

2026-2027
INTELLIGENT POLE

Smart Poles & Masts for Urban Transformation

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STREET LIGHTING POLE

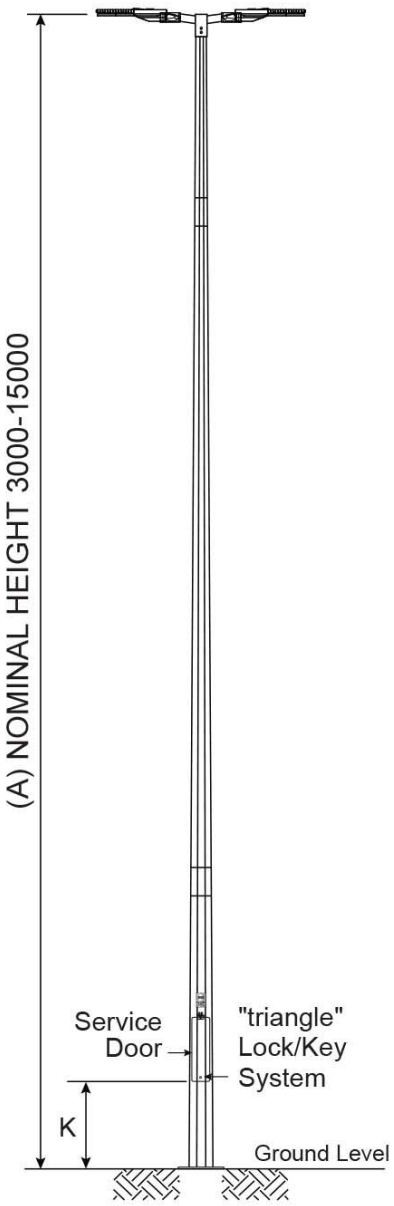
Octagonal Pole I Spigot Arm



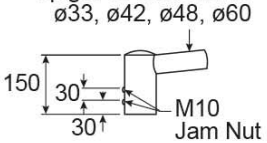
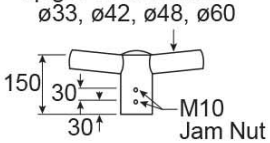
➤ DUKE 3 Setiawangsa-Pantai Expressway.

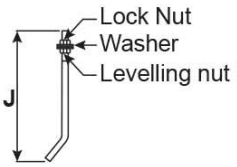
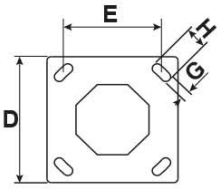
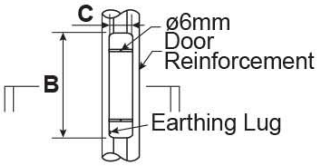
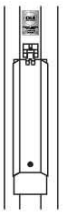
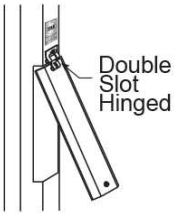
Application

Main roads, residential areas, commercial zones, parking lots, pathways, and other public spaces.



2 or 3 Section Column based on Height

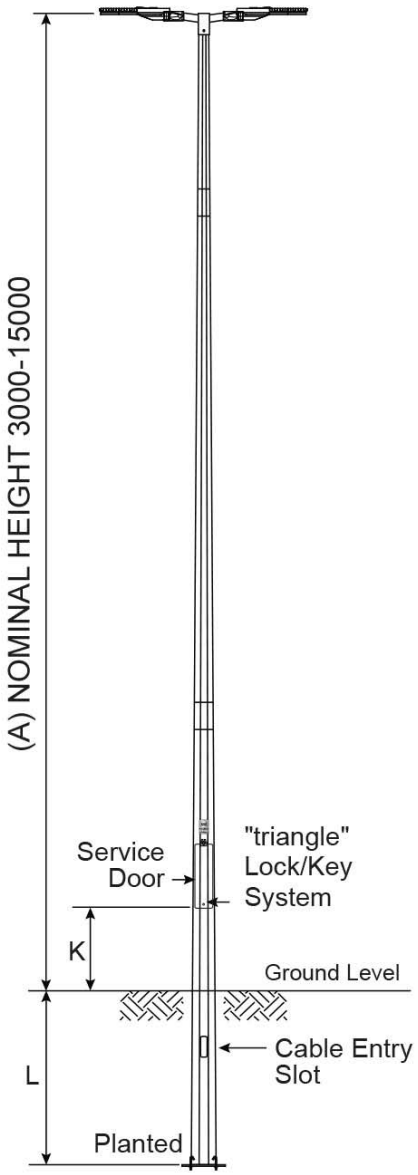
Single (Short Arm)	Double (Short Arm)
Spigot Size Available ø33, ø42, ø48, ø60 	Spigot Size Available ø33, ø42, ø48, ø60 

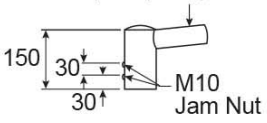
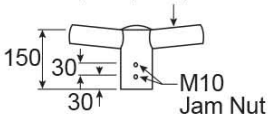
J-Bolt	Flange Plate x (F) Thk.
	
OLE 'Triangle' Lock/Key System	**Service Door** (Detail)
	
Service Door	**Service Door** (Side view)
	

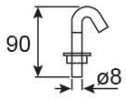
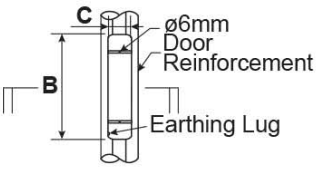
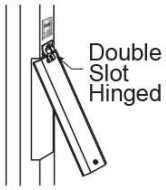
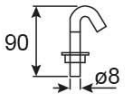
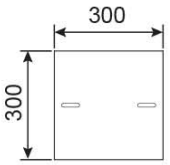
Height	Service Door		Flange Plate		I/J-Bolt	Grd. Lvl. to Service Door
A	B	C	D x E x (F) THK.	G x H	J	K
Meter	MM	MM	MM	MM	MM	MM
3/4	350	90	250x195x9	20x45	ø16x280 (L)	305
5	450	90	250x195x9	20x45	ø16x280 (L)	305
6	450	90	300x220x9	25x50	ø20x450 (L)	305
7	450	90	300x220x9	25x50	ø20x450 (L)	305
8	450	90	300x220x12	25x50	ø20x450 (L)	305
9	450	100	300x220x12	25x50	ø20x450 (L)	500 (1800 Optional)
10	450	100	350x260x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
11	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
12	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
15	450	130	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)

STREET LIGHTING POLE

Octagonal Pole / Spigot Arm / Planted Type



Single (Short Arm)	Double (Short Arm)
Spigot Size Available ø33, ø42, ø48, ø60 	Spigot Size Available ø33, ø42, ø48, ø60 

OLE 'Triangle' Lock/Key System	Hook Bolt
	
Service Door (Detail)	**Service Door** (Side view)
	
Hook Bolt	**Anti Sinking Plate**
	

2 or 3 Section Column based on Height

Height	Service Door		Grd. Lvl. to Service Door	Planting Depth
A	B	C	K	L
Meter	MM	MM	MM	MM
3/4	350	90	305	600
5	450	90	305	600
6	450	90	305	1100
7	450	90	305	1200
8	450	90	305	1300
9	450	100	500 (1800 Optional)	1400
10	450	100	500 (1800/2000 Optional)	1500
11	450	120	500 (1800/2000 Optional)	1600
12	450	120	500 (1800/2000 Optional)	1700
15	450	130	500 (1800/2000 Optional)	2000

STREET LIGHTING POLE

Octagonal Pole I Curve Arm



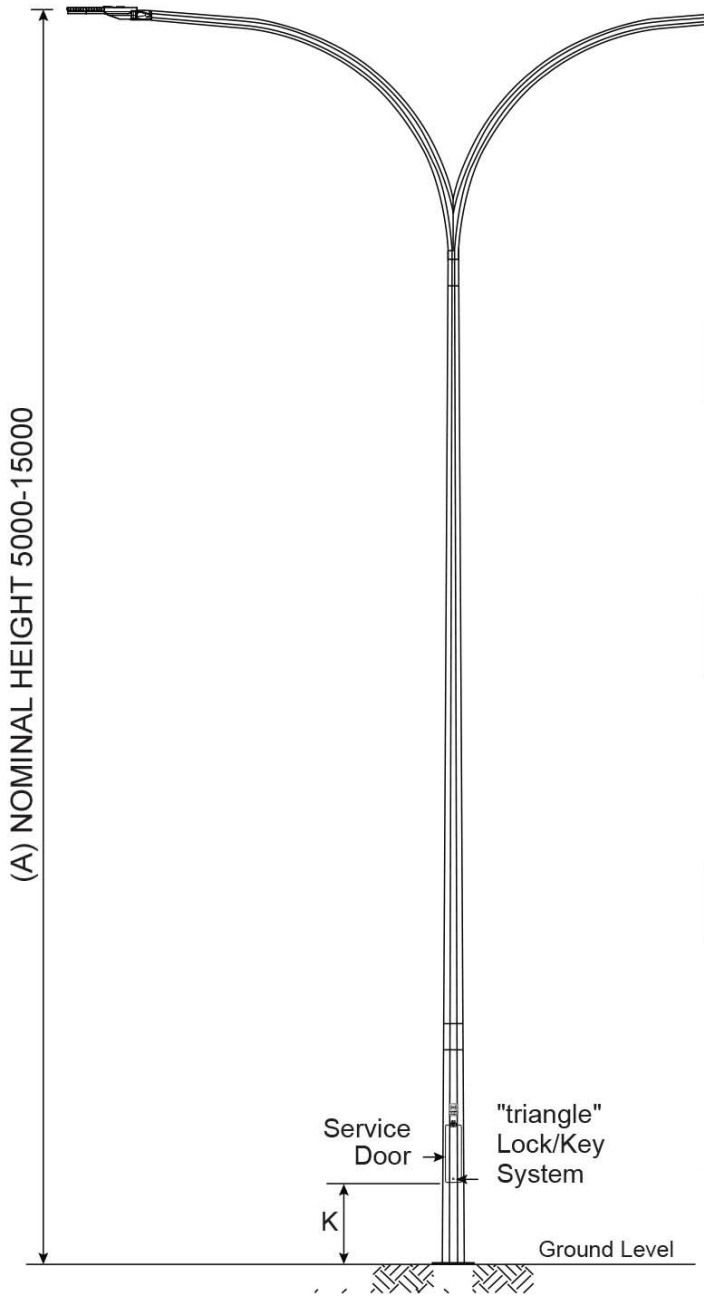
➤ Pengerang, Johor.

Application

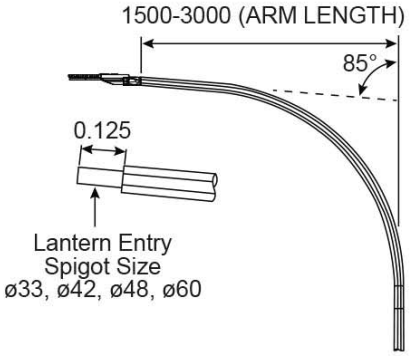
Main roads, residential areas, commercial zones, parking lots, pathways, and other public spaces.

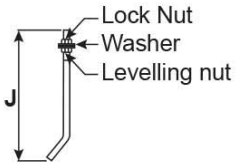
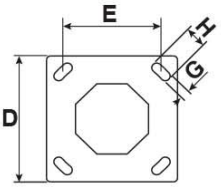
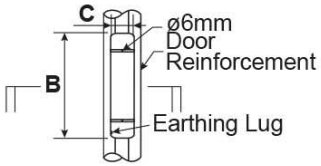
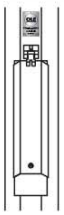
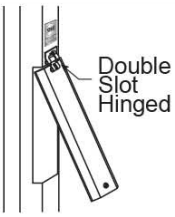
STREET LIGHTING POLE

Octagonal Pole / Curve Arm / Flange Mounted Type



2 or 3 Section Column based on Height

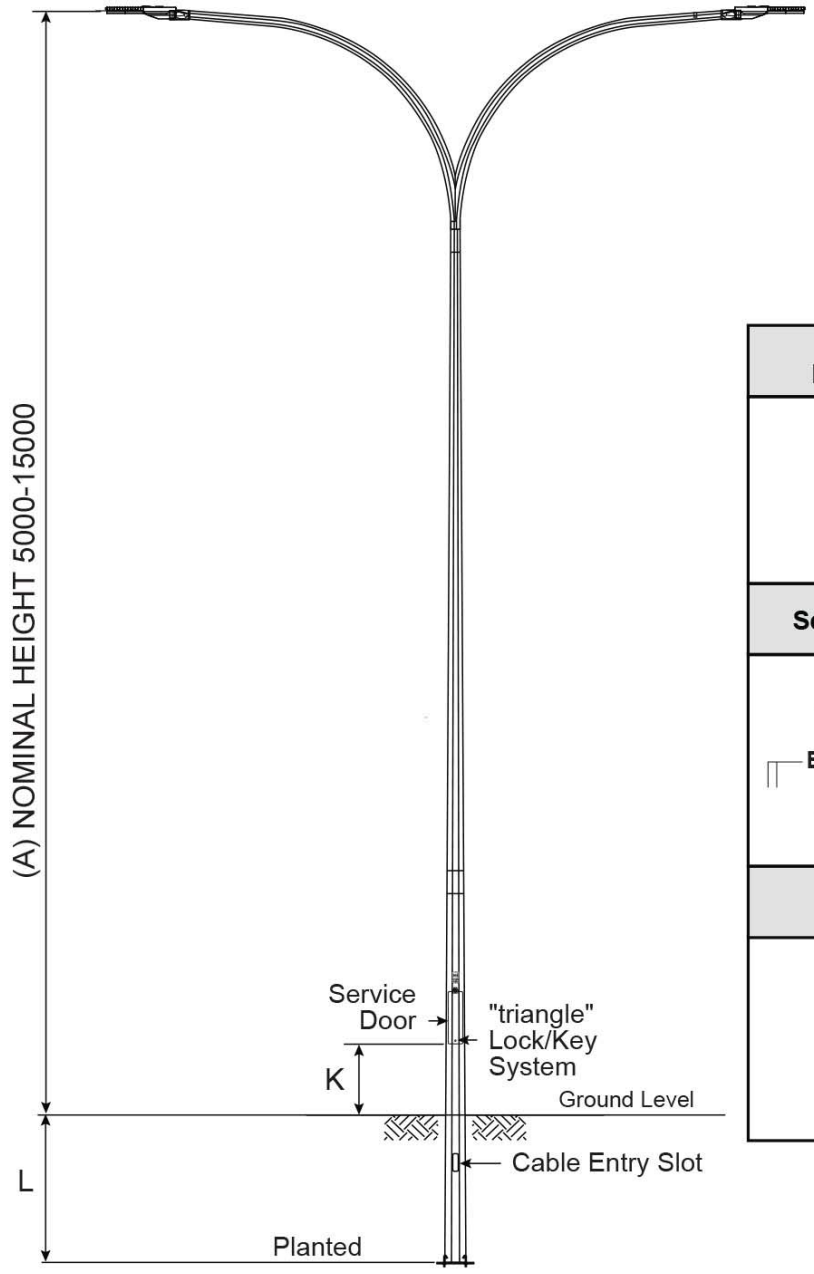


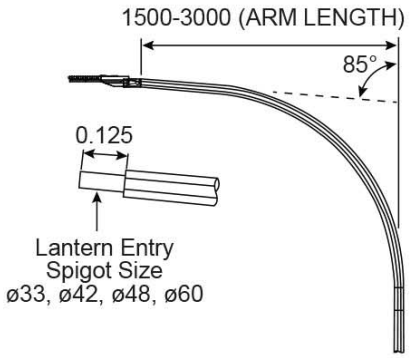
J-Bolt	Flange Plate x (F) Thk.
	
OLE 'Triangle' Lock/Key System	**Service Door** (Detail)
	
Service Door	**Service Door** (Side view)
	

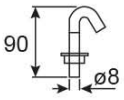
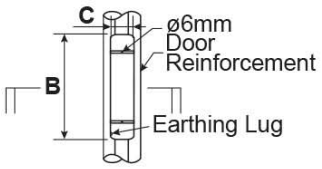
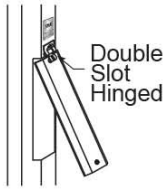
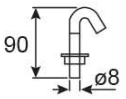
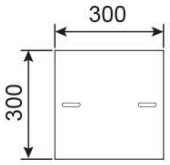
Height	Service Door		Flange Plate		I/J-Bolt	Grd. Lvl. to Service Door
A	B	C	D x E x (F) THK.	G x H	J	K
Meter	MM	MM	MM	MM	MM	MM
6	450	90	300x220x9	25x50	ø20x450 (L)	305
7	450	90	300x220x9	25x50	ø20x450 (L)	305
8	450	90	300x220x12	25x50	ø20x450 (L)	305
9	450	100	300x220x12	25x50	ø20x450 (L)	500 (1800 Optional)
10	450	100	350x260x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
11	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
12	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
15	450	130	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)

STREET LIGHTING POLE

Octagonal Pole / Curve Arm / Planted Type





OLE 'Triangle' Lock/Key System	Hook Bolt
	
Service Door (Detail)	**Service Door** (Side view)
	
Hook Bolt	**Anti Sinking Plate**
	

2 or 3 Section Column based on Height

Height	Service Door		Grd. Lvl. to Service Door	Planting Depth
A	B	C	K	L
Meter	MM	MM	MM	MM
6	450	90	305	1100
7	450	90	305	1200
8	450	90	305	1300
9	450	100	500 (1800 Optional)	1400
10	450	100	500 (1800/2000 Optional)	1500
11	450	120	500 (1800/2000 Optional)	1600
12	450	120	500 (1800/2000 Optional)	1700
15	450	130	500 (1800/2000 Optional)	2000



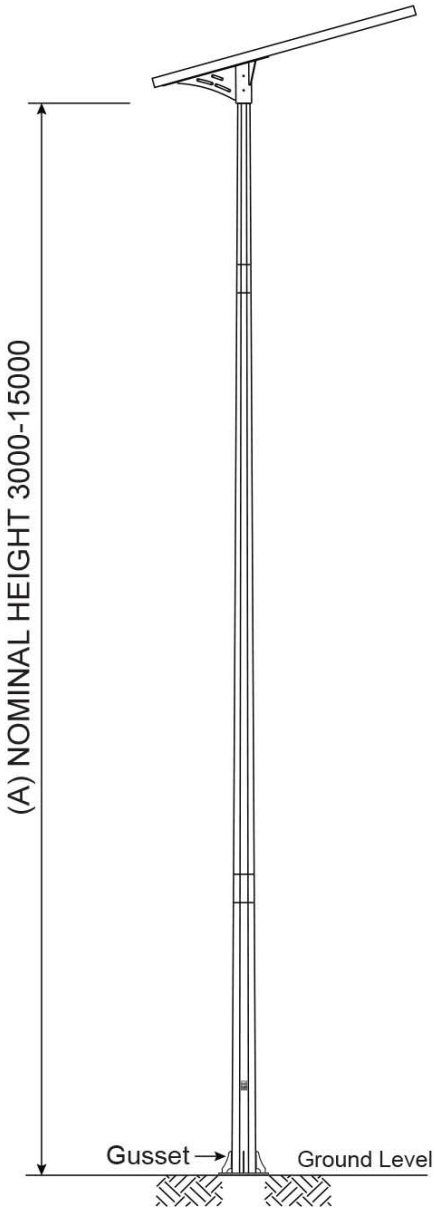
➤ Kota Emerald, Rawang, Selangor.

Application

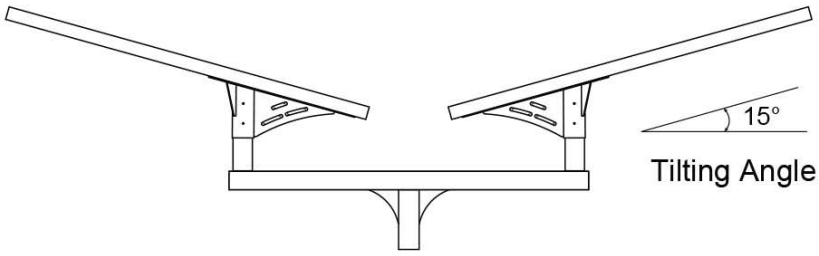
Main roads, residential areas, commercial zones, parking lots, pathways, and other public spaces.

SOLAR STREET LIGHTING POLE

Solar Octagonal Pole I Post Top I Flange Type



2 or 3 Section Column based on Height



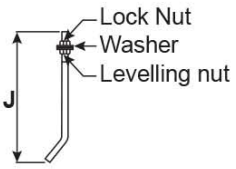
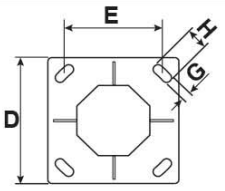
DOUBLE POST TOP

Structural Design Statement

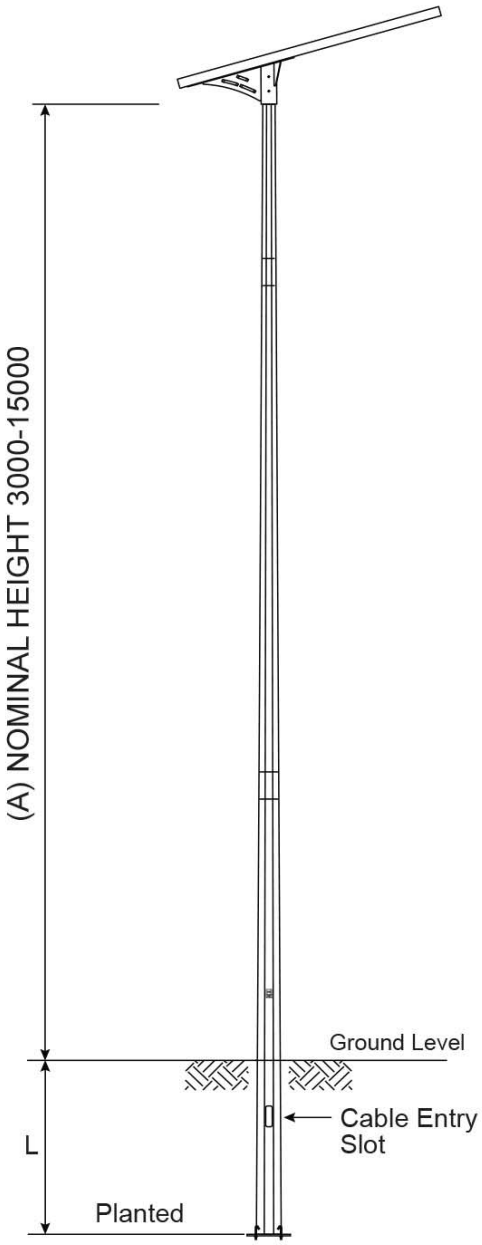
Our poles are specially engineered to withstand the additional weight and increased wind sail area caused by integrated solar lantern systems. To ensure structural integrity, we utilize 2.5mm and 3.0mm thick steel plates for the pole body, with heights ranging from 7m to 12m (double arm).

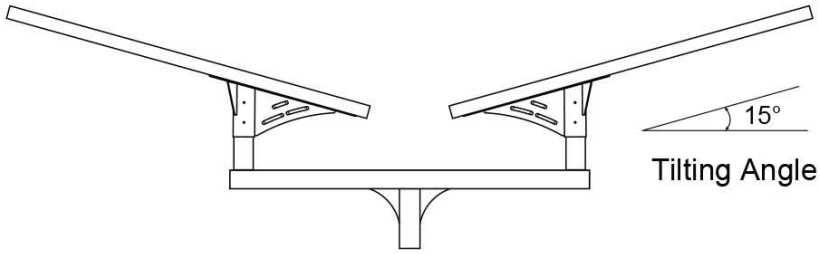
The flange base and anti-sinking plate are customized in size and thickness based on the pole height and project requirements.

For detailed specifications or custom configurations, please contact our team of specialists.

J-Bolt	Flange Plate x (F) Thk.
	

Height	Service Door		Flange Plate		I/J-Bolt	Grd. Lvl. to Service Door
A	B	C	D x E x (F) THK.	G x H	J	K
Meter	MM	MM	MM	MM	MM	MM
3/4	350	90	250x195x9	20x45	ø16x280 (L)	305
5	450	90	300x220x9	20x45	ø16x280 (L)	305
6	450	90	300x220x9	25x50	ø20x450 (L)	305
7	450	90	300x220x9	25x50	ø20x450 (L)	305
8	450	90	300x220x12	25x50	ø20x450 (L)	305
9	450	100	300x220x12	25x50	ø20x450 (L)	500 (1800 Optional)
10	450	100	350x260x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
11	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
12	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
15	450	130	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)





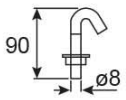
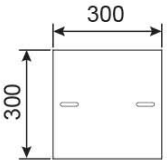
DOUBLE POST TOP

Structural Design Statement

Our poles are specially engineered to withstand the additional weight and increased wind sail area caused by integrated solar lantern systems. To ensure structural integrity, we utilize 2.5mm and 3.0mm thick steel plates for the pole body, with heights ranging from 7m to 12m (double arm).

The flange base and anti-sinking plate are customized in size and thickness based on the pole height and project requirements.

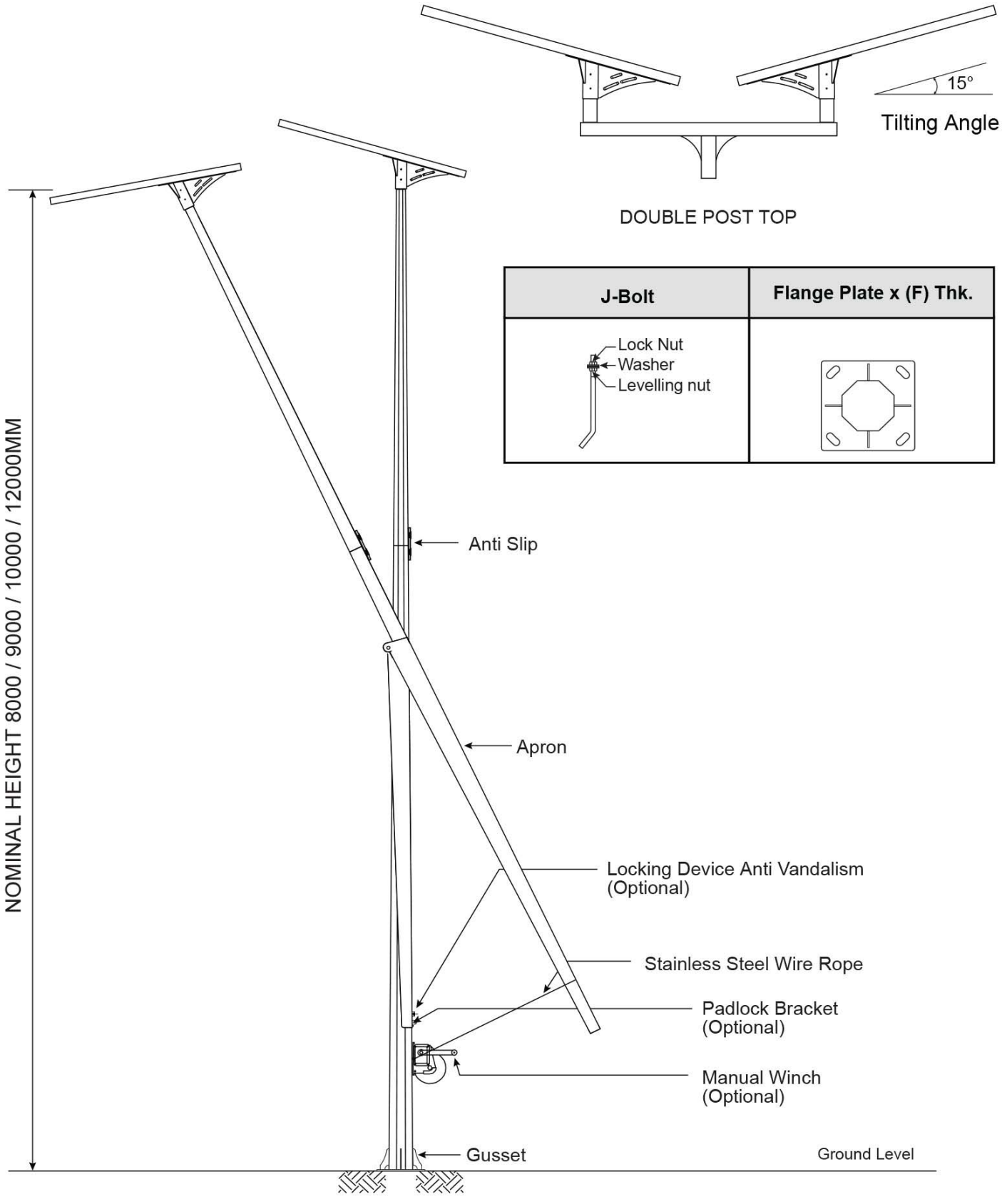
For detailed specifications or custom configurations, please contact our team of specialists.

Hook Bolt	Anti Sinking Plate
	

2 or 3 Section Column based on Height

Height	Service Door		Grd. Lvl. to Service Door	Planting Depth
A	B	C	K	L
Meter	MM	MM	MM	MM
3/4	350	90	305	600
5	450	90	305	600
6	450	90	305	1100
7	450	90	305	1200
8	450	90	305	1300
9	450	100	500 (1800 Optional)	1400
10	450	100	500 (1800/2000 Optional)	1500
11	450	120	500 (1800/2000 Optional)	1600
12	450	120	500 (1800/2000 Optional)	1700
15	450	130	500 (1800/2000 Optional)	2000

Max Top Load Weight Option: 20-30kg / 30-40kg / 40-60kg / 60-80kg



Note: Load capacity depends on pole height, arm configuration, and wind load considerations.
Please consult our engineering team for project-specific recommendations.

FLOODLIGHT POLE

Octagonal Pole I Floodlight Mounting



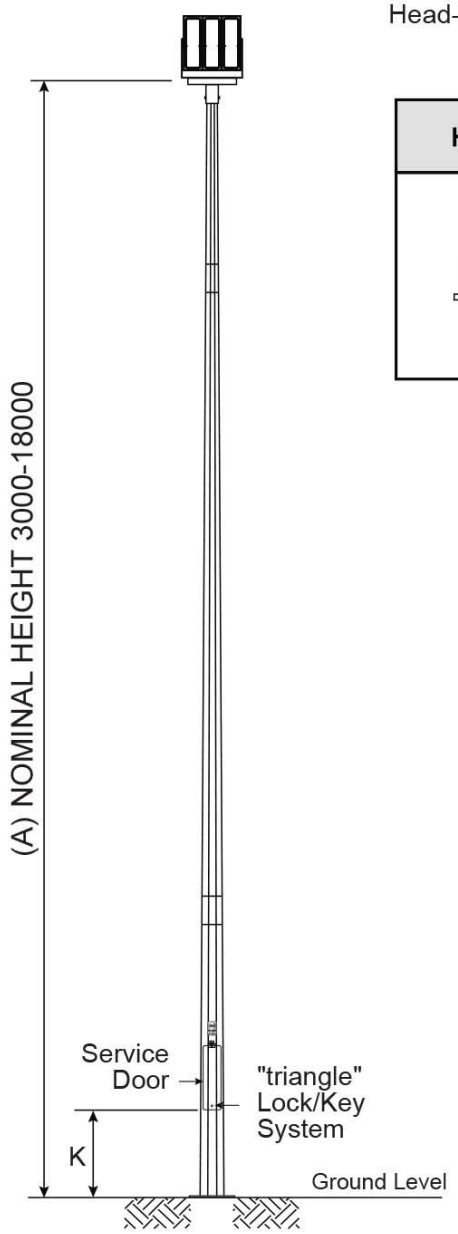
➤ Jalan Sri Pelangi, Johor.

Application

Main roads, residential and subsidiary areas, commercial developments, parking lots, pathways, and various other urban and open-space environments.

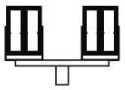
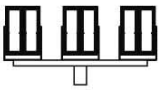
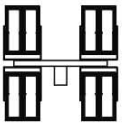
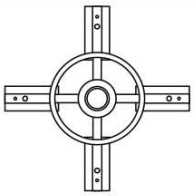
FLOODLIGHT POLE

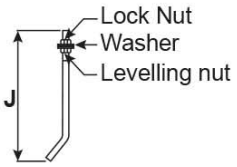
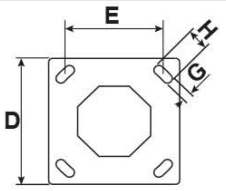
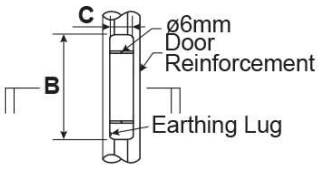
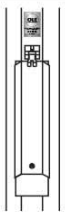
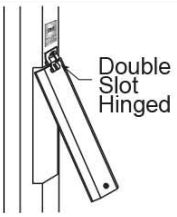
Octagonal Pole I Floodlight Mounting I Flange Type



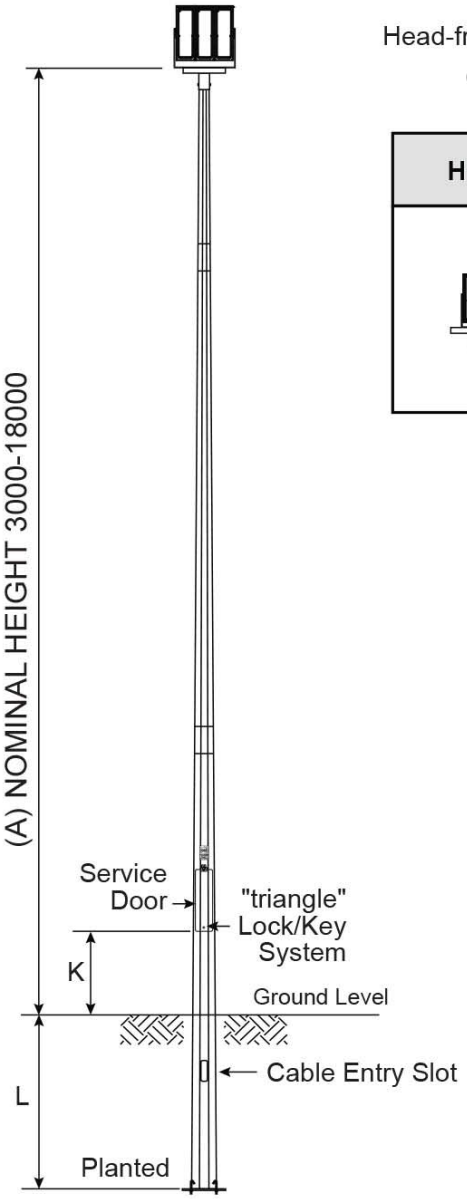
2 or 3 Section Column based on Height

Head-frame brackets can be customized to suit different functional requirements, ensuring flexibility for multiple lighting or equipment configurations.

HF - 1	HF - 2	HF - 3	HF4	Round HF
				

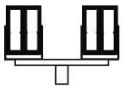
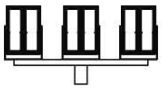
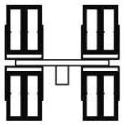
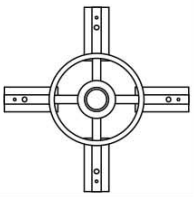
J-Bolt	Flange Plate x (F) Thk.
	
OLE 'Triangle' Lock/Key System	**Service Door** (Detail)
	
Service Door	**Service Door** (Side view)
	

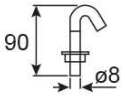
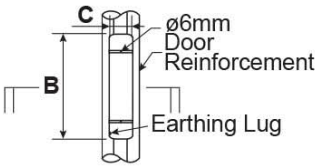
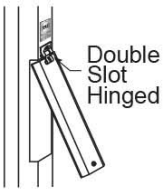
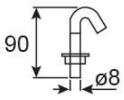
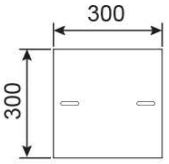
Height	Service Door		Flange Plate		I/J-Bolt	Grd. Lvl. to Service Door
A	B	C	D x E x (F) THK.	G x H	J	K
Meter	MM	MM	MM	MM	MM	MM
3/4	350	90	250x195x9	20x45	ø16x280 (L)	305
5	450	90	300x220x9	20x45	ø16x280 (L)	305
6	450	90	300x220x9	25x50	ø20x450 (L)	305
7	450	90	300x220x9	25x50	ø20x450 (L)	305
8	450	90	300x220x12	25x50	ø20x450 (L)	305
9	450	100	300x220x12	25x50	ø20x450 (L)	500 (1800 Optional)
10	450	100	350x260x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
12	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)



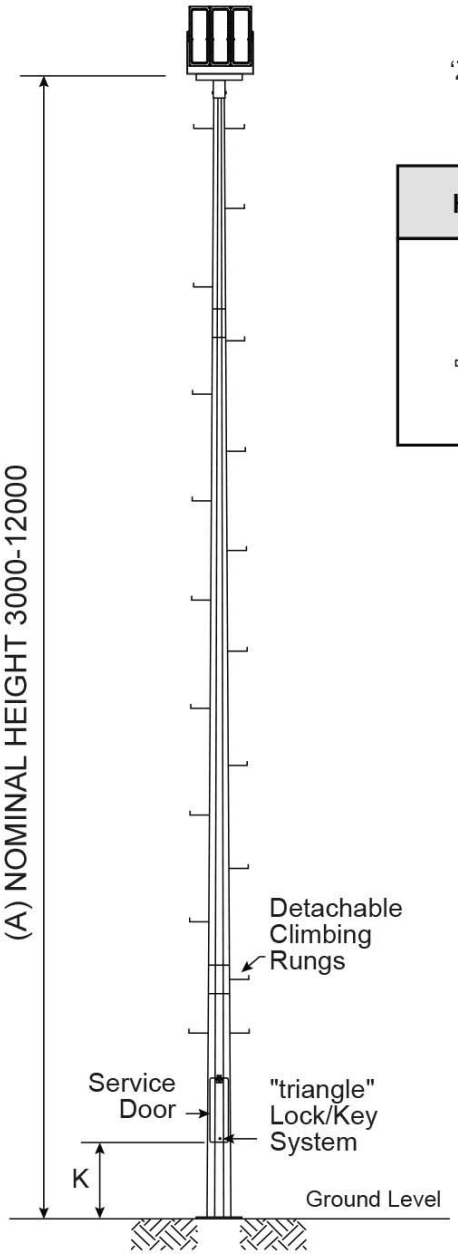
2 or 3 Section Column based on Height

Head-frame brackets can be customized to suit different functional requirements, ensuring flexibility for multiple lighting or equipment configurations.

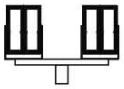
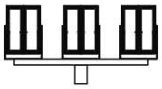
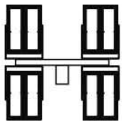
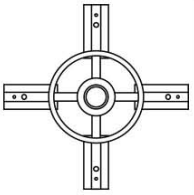
HF - 1	HF - 2	HF - 3	HF4	Round HF
				

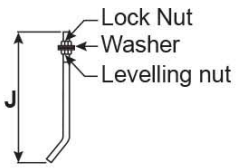
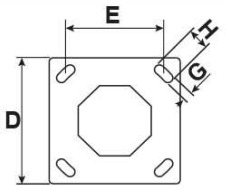
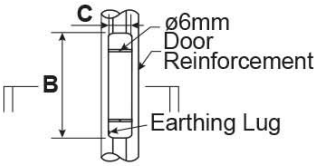
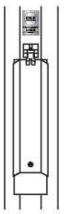
OLE 'Triangle' Lock/Key System	Hook Bolt
	
Service Door (Detail)	**Service Door** (Side view)
	
Hook Bolt	**Anti Sinking Plate**
	

Height	Service Door		Grd. Lvl. to Service Door	Planting Depth
A	B	C	K	L
Meter	MM	MM	MM	MM
3/4	350	90	305	600
5	450	90	305	600
6	450	90	305	1100
7	450	90	305	1200
8	450	90	305	1300
9	450	100	500 (1800 Optional)	1400
10	450	100	500 (1800/2000 Optional)	1500
12	450	120	500 (1800/2000 Optional)	1700

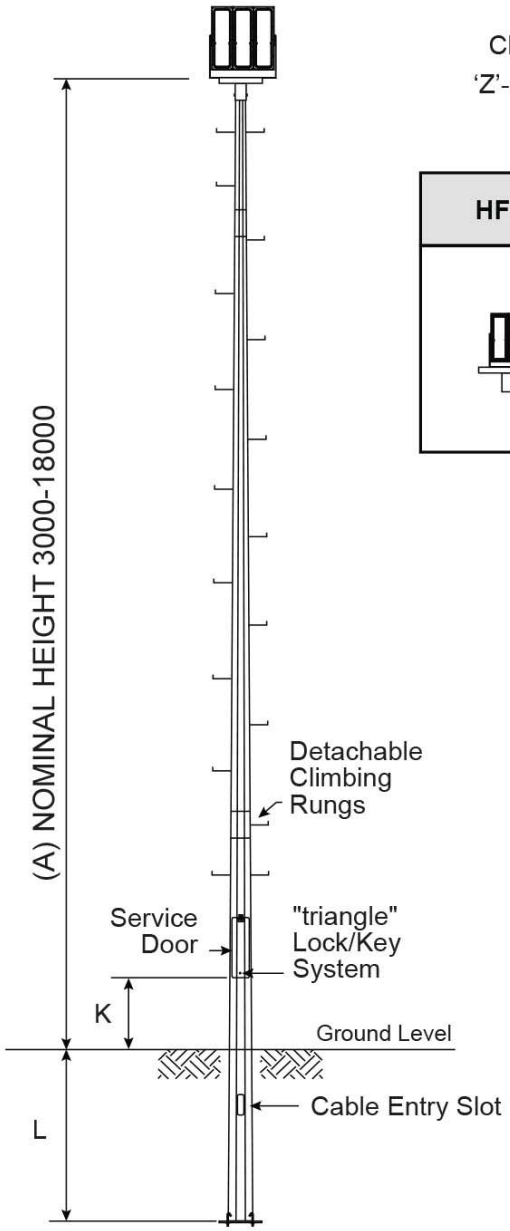


Climbing rungs column is equipped with either detachable or welded 'Z'-shaped climbing brackets, allowing maintenance access without the need for lifting equipment.

HF - 1	HF - 2	HF - 3	HF4	Round HF
				

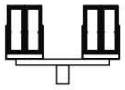
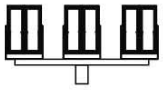
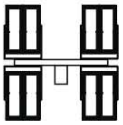
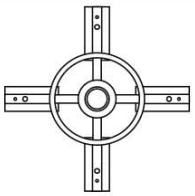
J-Bolt	Flange Plate x (F) Thk.
	
OLE 'Triangle' Lock/Key System	**Service Door** (Detail)
	
Service Door	**Service Door** (Side view)
	

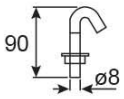
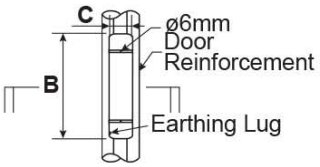
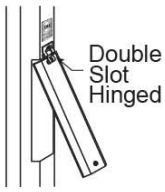
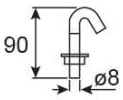
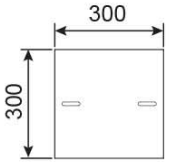
Height	Service Door		Flange Plate		I/J-Bolt	Grd. Lvl. to Service Door
A	B	C	D x E x (F) THK.	G x H	J	K
Meter	MM	MM	MM	MM	MM	MM
3/4	450	90	300x220x9	20x45	ø16x280 (L)	305
5	450	90	300x220x9	25x50	ø20x450 (L)	305
6	450	90	300x220x9	25x50	ø20x450 (L)	305
7	450	90	300x220x12	25x50	ø20x450 (L)	305
8	450	100	300x220x12	25x50	ø20x450 (L)	500 (1800 Optional)
9	450	100	350x260x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
10	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)
12	450	120	400x300x16	30x55	ø24x570 (L)	500 (1800/2000 Optional)



2 or 3 Section Column based on Height

Climbing rungs column is equipped with either detachable or welded 'Z'-shaped climbing brackets, allowing maintenance access without the need for lifting equipment.

HF - 1	HF - 2	HF - 3	HF4	Round HF
				

OLE 'Triangle' Lock/Key System	Hook Bolt
	
Service Door (Detail)	**Service Door** (Side view)
	
Hook Bolt	**Anti Sinking Plate**
	

Height	Service Door		Grd. Lvl. to Service Door	Planting Depth
A	B	C	K	L
Meter	MM	MM	MM	MM
3/4	450	90	305	1000
5	450	90	305	1100
6	450	90	305	1200
7	450	90	305	1300
8	450	100	500 (1800 Optional)	1400
9	450	100	500 (1800/2000 Optional)	1500
10	450	120	500 (1800/2000 Optional)	1700
12	450	120	500 (1800/2000 Optional)	1700

FLOODLIGHT POLE

Mid-Hinged Pole I Floodlight Mounting



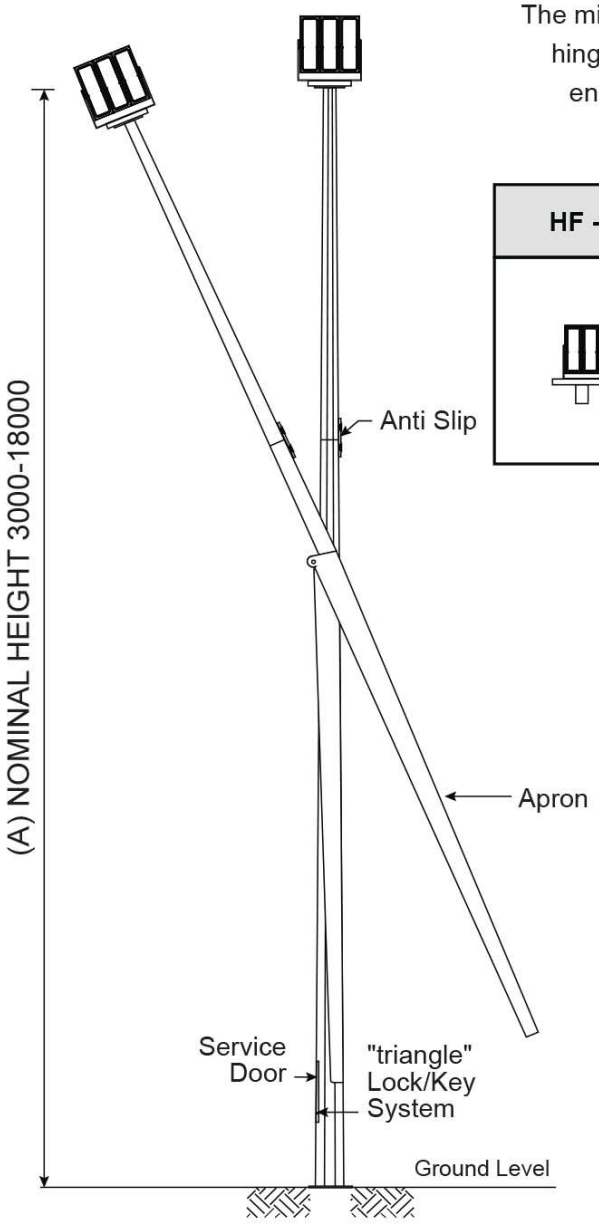
➤ Shah Alam, Selangor.

Application

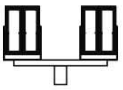
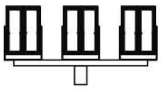
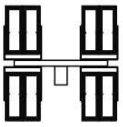
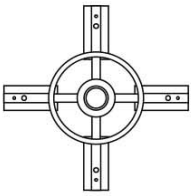
Sports courts, residential areas, commercial developments, pathways, and other outdoor environments.

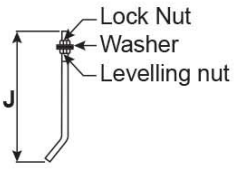
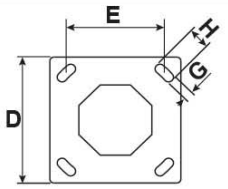
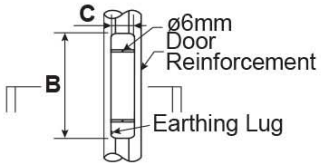
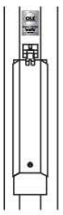
FLOODLIGHT POLE

Mid-Hinged Pole I Floodlight Mounting I Flange Type



The mid-hinged column, also known as a see-saw pole, is equipped with a hinged mechanism that allows the pole to be lowered to ground level, enabling safe and efficient maintenance without the need for lifting equipment.

HF - 1	HF - 2	HF - 3	HF4	Round HF
				

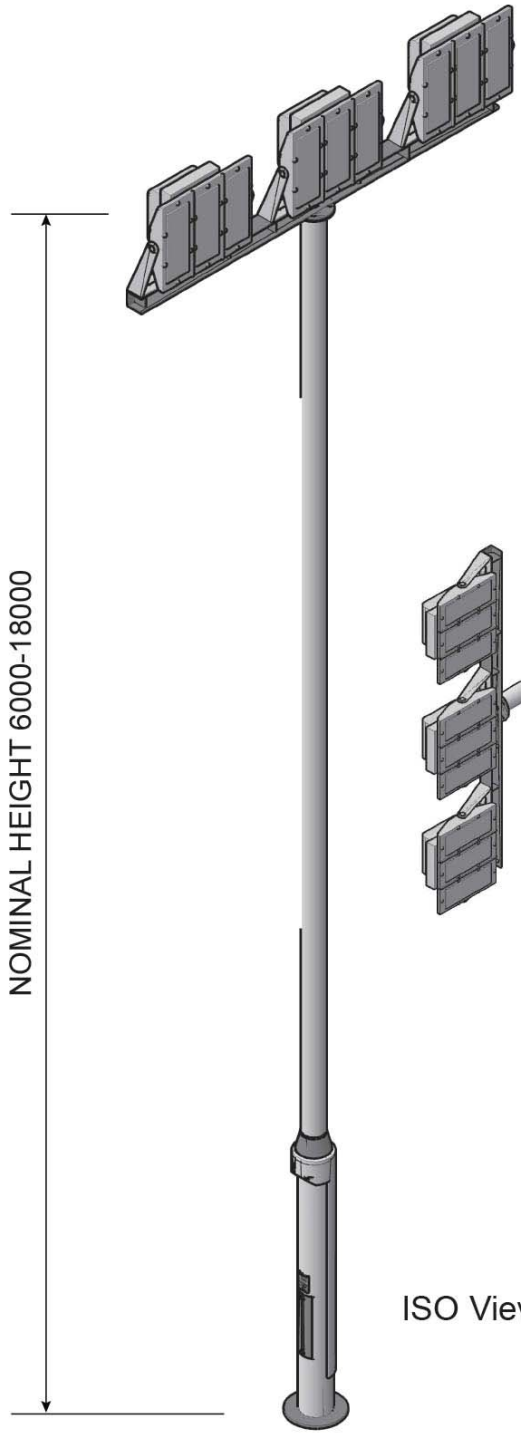
J-Bolt	Flange Plate x (F) Thk.
	
OLE 'Triangle' Lock/Key System	**Service Door** (Detail)
	
Service Door	**Service Door** (Side view)
	

Height	Flange Plate		J-Bolt
A	D x E x (F) THK.	G x H	J
Meter	MM	MM	MM
3/4	250x195x9	20x45	ø16x280 (L)
5	300x220x9	20x45	ø16x280 (L)
6	300x220x9	25x50	ø20x450 (L)
7	300x220x9	25x50	ø20x450 (L)
8	300x220x12	25x50	ø20x450 (L)
9	300x220x12	25x50	ø20x450 (L)
10	350x260x16	30x55	ø24x570 (L)
12	400x300x16	30x55	ø24x570 (L)

FLOODLIGHT POLE

Circular Hollow Hinged Column Pole I Floodlight Mounting

A circular mid-hinged column designed for easy maintenance access, allowing the pole to be lowered safely without the use of lifting equipment. Suitable for floodlight or area lighting applications in various outdoor environments.



ISO View Assy.



ISO View
Collapse Mode



ISO View
Service Door



➤ Tropicana Grande, Selangor.

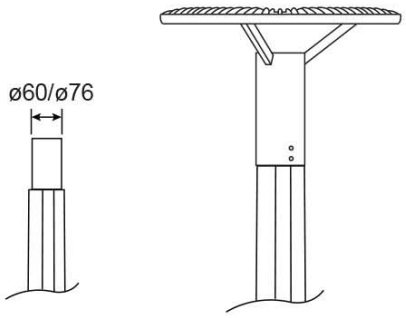
Application

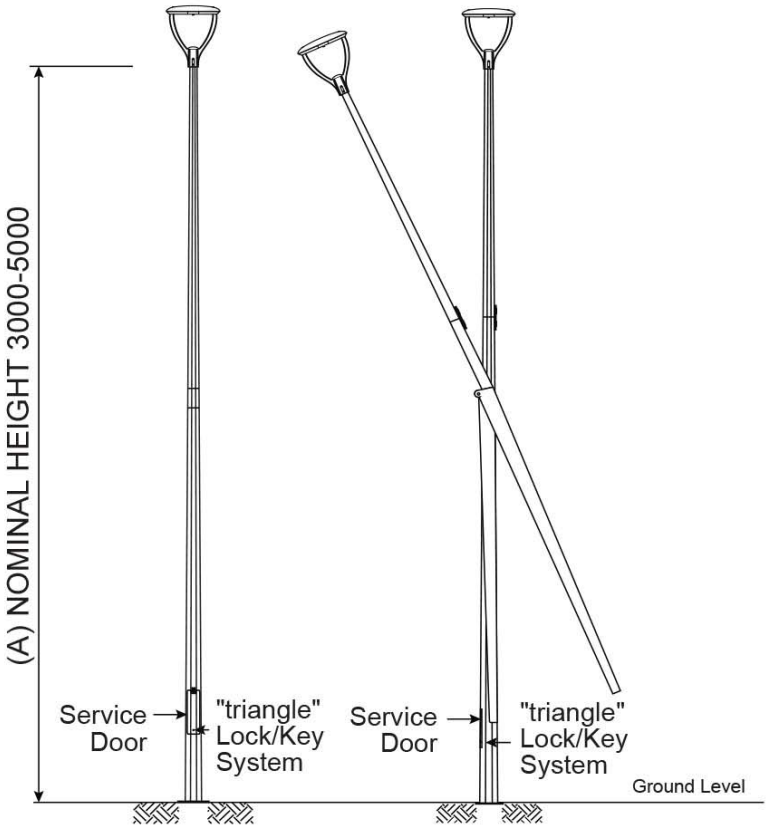
Residential subsidiary areas, pedestrian walkways, car parks, and other low-traffic or decorative environments.

COMPOUND LIGHTING POLE

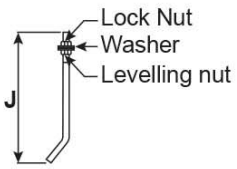
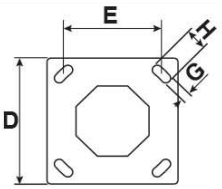
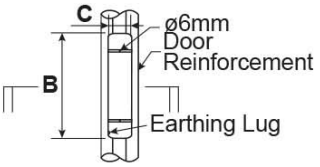
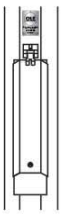
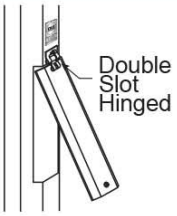
Octagonal Pole I Mid-Hinged Pole I Flange Type

The pole supports post-top mounted fittings, including compound lights and decorative lanterns, making it suitable for both functional and aesthetic installations.





Octagonal Pole **Mid-Hinged Pole**

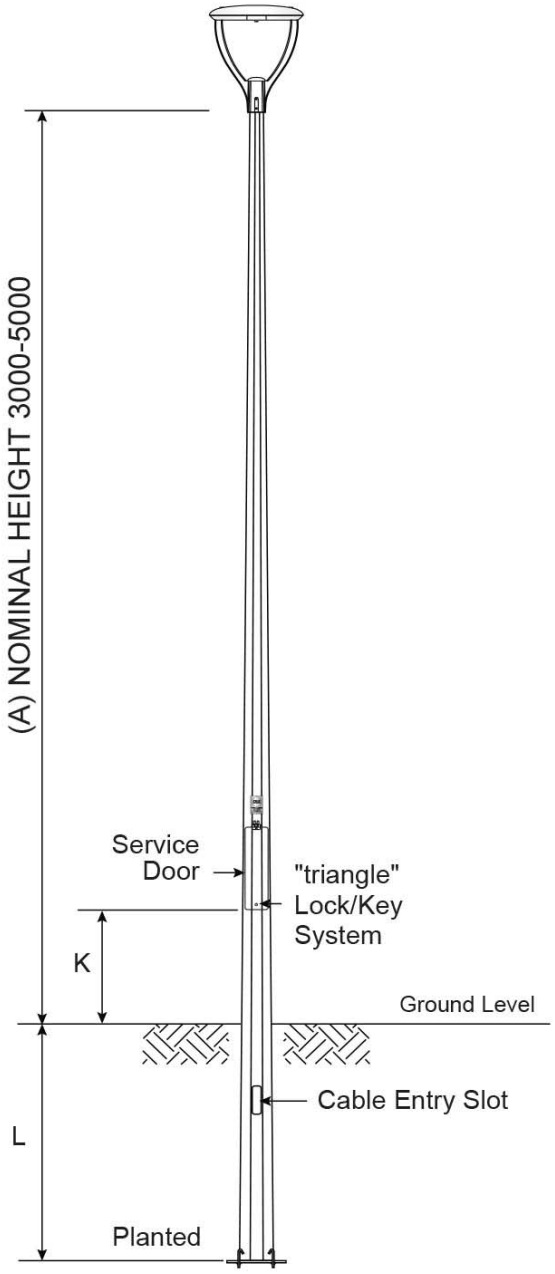
J-Bolt	Flange Plate x (F) Thk.
	
OLE 'Triangle' Lock/Key System	**Service Door** (Detail)
	
Service Door	**Service Door** (Side view)
	

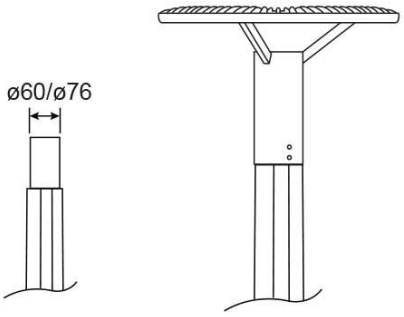
Height	Service Door		Flange Plate	Bolt x Bolt Lgth	Grd. Lvl. to Service Door
A	B	C	D x E x (F) THK.	GxJ	K
Meter	MM	MM	MM	MM	MM
3	350	90	250x195x9	16x280	305
3.5	350	90	250x195x9	16x280	305
4	350	90	250x195x9	16x280	305
4.5	350	90	300x220x9	16x280	305
5	350	90	300x220x9	16x280	305

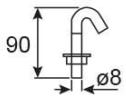
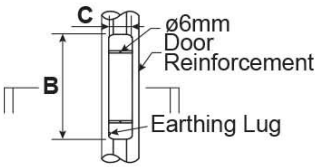
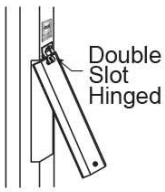
COMPOUND LIGHTING POLE

Octagonal Pole I Planted Type

The pole supports post-top mounted fittings, including compound lights and decorative lanterns, making it suitable for both functional and aesthetic installations.



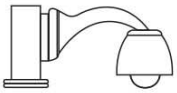


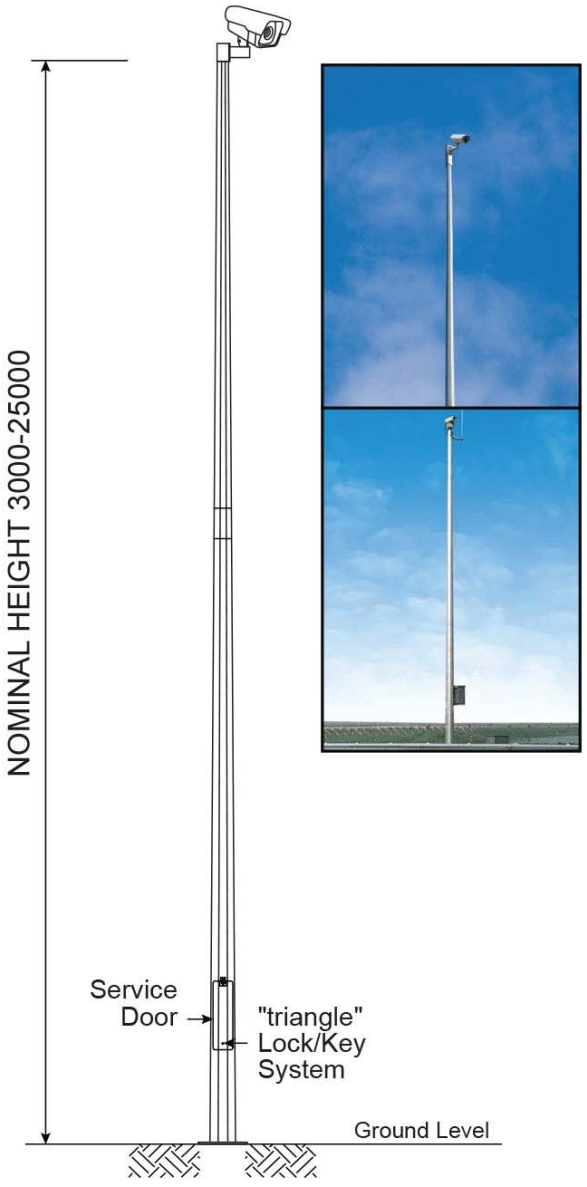
OLE 'Triangle' Lock/Key System	Hook Bolt
	
Service Door (Detail)	**Service Door** (Side view)
	

Height	Service Door		Grd. Lvl. to Service Door	Planting Depth
A	B	C	K	L
Meter	MM	MM	MM	MM
3	350	90	305	600
3.5	350	90	305	600
4	350	90	305	600
4.5	350	90	305	600
5	350	90	305	600

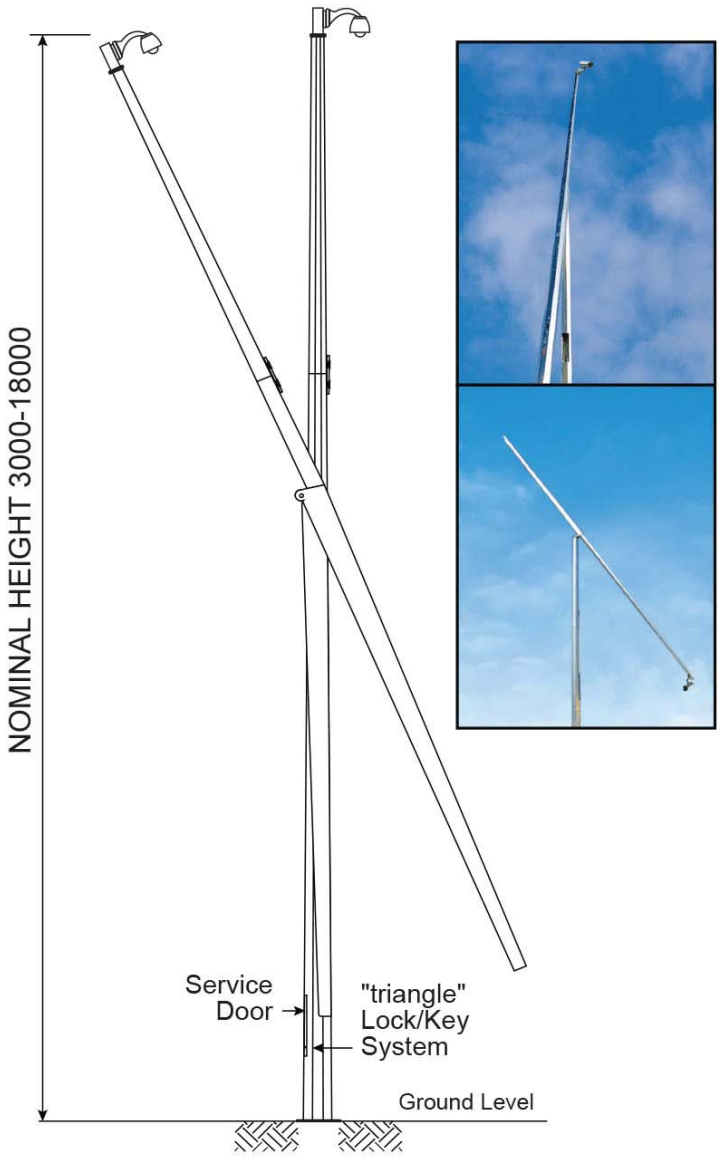
Engineered for security and surveillance applications, this pole is suitable for mounting CCTV cameras, surveillance systems, and smart monitoring devices.
The mid-hinged option allows for safe, ground-level maintenance without lifting equipment, while the flange base ensures a secure and stable installation.
Suitable for deployment in residential zones, commercial areas, car parks, and public infrastructure projects.

CCTV	
	

Camera	
	



Octagonal Pole



Mid-Hinged Pole

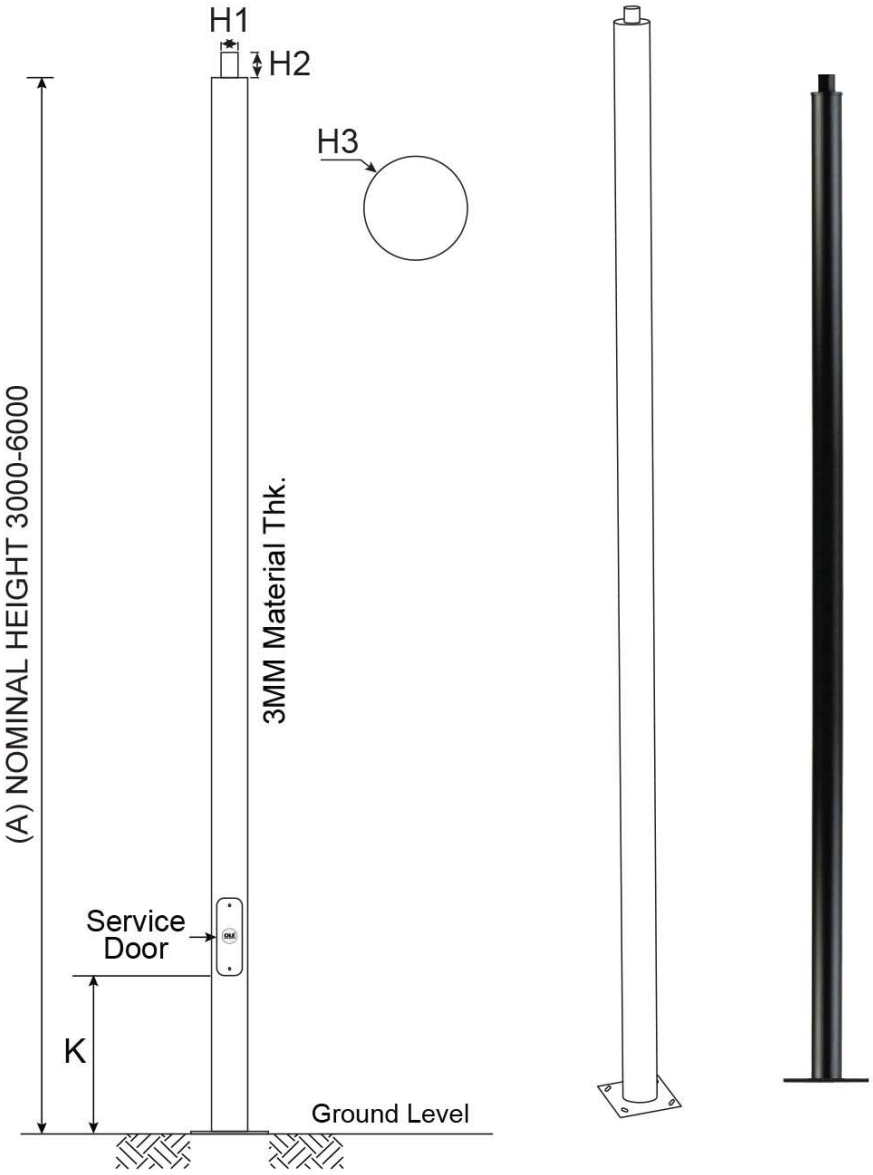
COMPOUND LIGHTING POLE

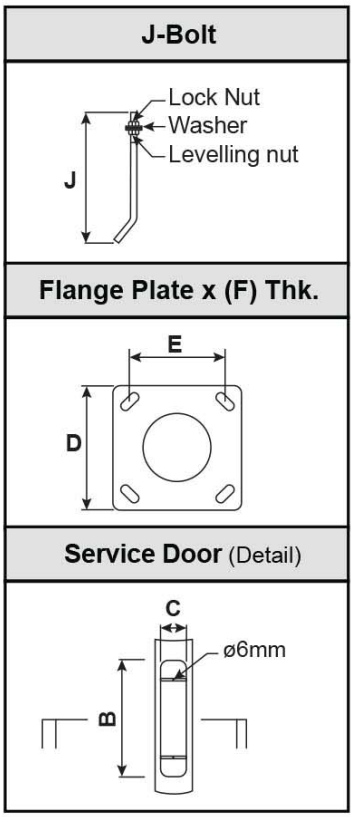
Round Aluminium Pole I Flange Type

Housing Material:

Constructed from extruded aluminium alloy AA 6063-T5, known for its excellent strength, corrosion resistance, and durability.

The surface is finished with a durable outdoor-grade powder coating, providing long-lasting protection against harsh weather conditions and ensuring a high-quality aesthetic appearance.





Height	Service Door		Flange Plate	J-Bolt	Grd. Lvl. to Service Door	Diameter		
A	B	C	D x E x (F) THK.	J	K	H1	H2	H3
Meter	MM	MM	MM	MM	MM	MM	MM	MM
3	300	100	275x195x8	ø16x280 (L)	600	ø60/ø76	89	ø127
4	300	100	275x195x8	ø16x280 (L)	600	ø60/ø76	89	ø127
5	300	100	275x195x10	ø16x280 (L)	600	ø60/ø76	89	ø127
6	300	100	300x220x10	ø20x450 (L)	600	ø60/ø76	89	ø127

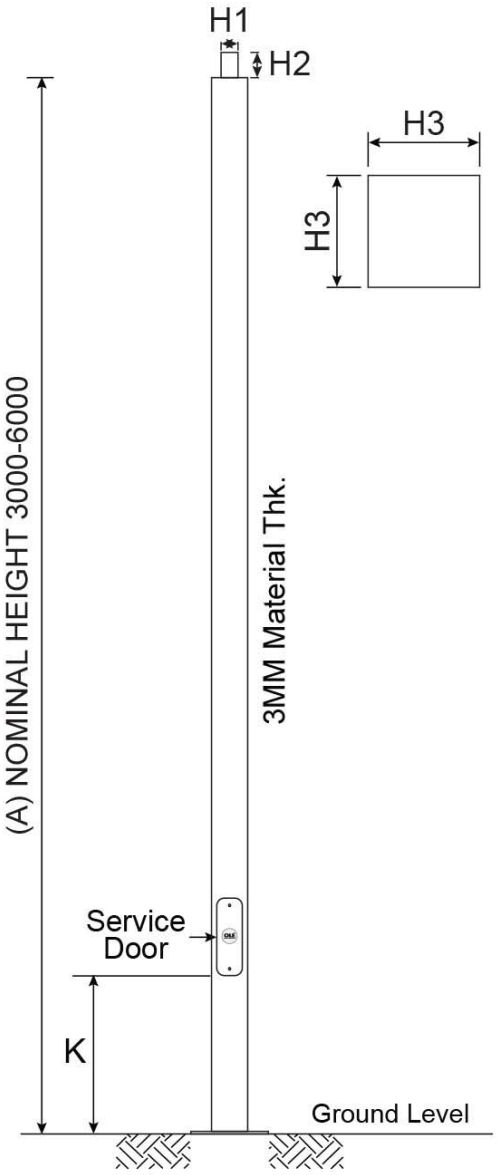
COMPOUND LIGHTING POLE

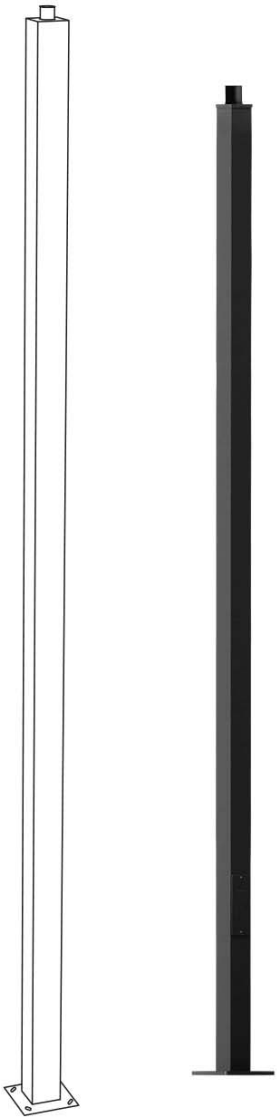
Square Aluminium Pole I Flange Type

Housing Material:

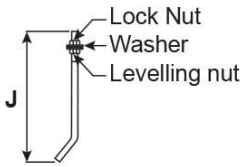
Constructed from extruded aluminium alloy AA 6063-T5, known for its excellent strength, corrosion resistance, and durability.

The surface is finished with a durable outdoor-grade powder coating, providing long-lasting protection against harsh weather conditions and ensuring a high-quality aesthetic appearance.

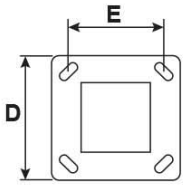




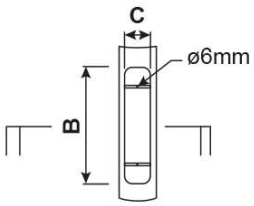
J-Bolt



Flange Plate x (F) Thk.



Service Door (Detail)



Height	Service Door		Flange Plate	J-Bolt	Grd. Lvl. to Service Door	Diameter		
A	B	C	D x E x (F) THK.	J	K	H1	H2	H3
Meter	MM	MM	MM	MM	MM	MM	MM	MM
3	300	100	275x195x8	ø16x280 (L)	600	ø60/ø76	89	127x127
4	300	100	275x195x8	ø16x280 (L)	600	ø60/ø76	89	127x127
5	300	100	275x195x10	ø16x280 (L)	600	ø60/ø76	89	127x127
6	300	100	300x220x10	ø20x450 (L)	600	ø60/ø76	89	127x127

COMPOUND LIGHTING POLE

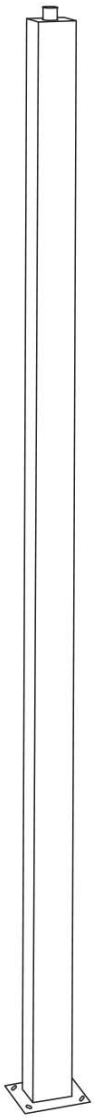
Rectangular Aluminium Pole I Flange Type

Housing Material:

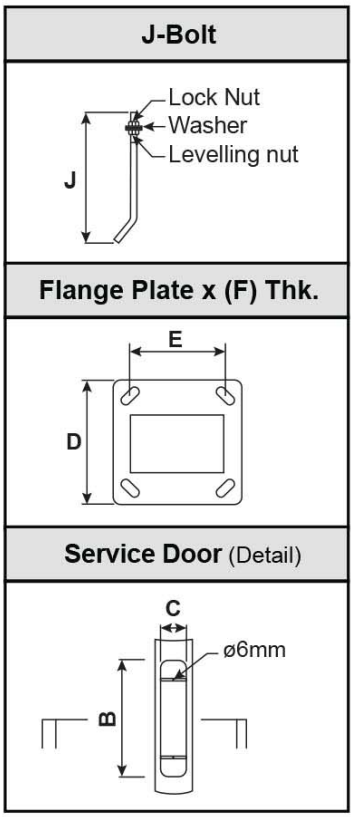
Constructed from extruded aluminium alloy AA 6063-T5, known for its excellent strength, corrosion resistance, and durability.

The surface is finished with a durable outdoor-grade powder coating, providing long-lasting protection against harsh weather conditions and ensuring a high-quality aesthetic appearance.









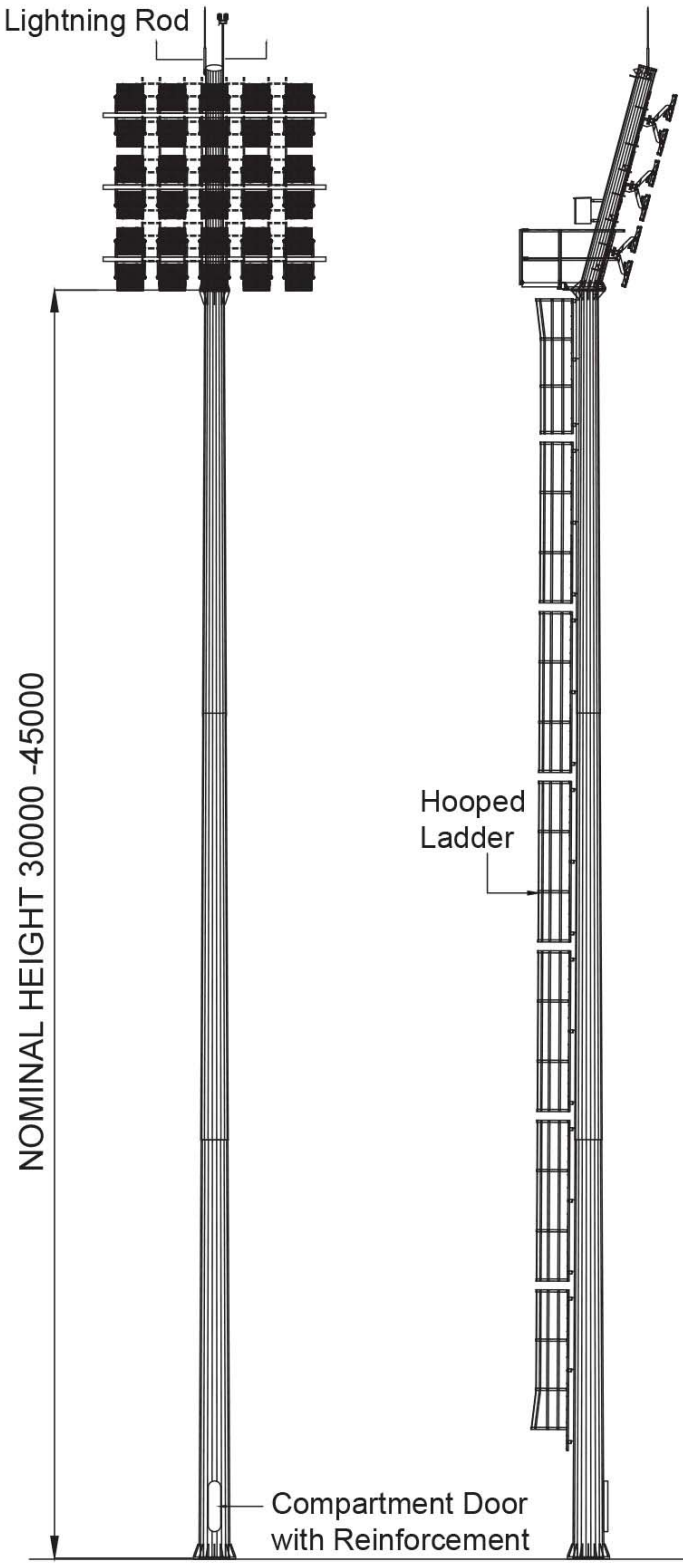
Height	Service Door		Flange Plate	J-Bolt	Grd. Lvl. to Service Door	Diameter		
A	B	C	D x E x (F) THK.	J	K	H1	H2	H3
Meter	MM	MM	MM	MM	MM	MM	MM	MM
3	250	104	300x220x8	ø16x280 (L)	600	ø60/ø76	89	90x150
4	250	104	300x220x8	ø16x280 (L)	600	ø60/ø76	89	90x150
5	250	104	300x220x10	ø16x280 (L)	600	ø60/ø76	89	90x150
6	250	104	300x220x10	ø20x450 (L)	600	ø60/ø76	89	90x150

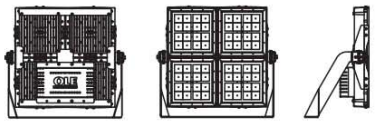


➤ Stadium Hoki MBPJ, Selangor

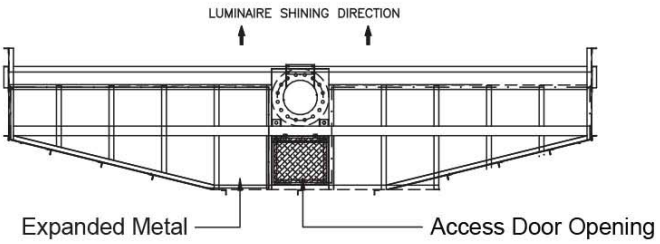
Application

Suitable for large-scale, high-mount lighting installations in stadiums, sports complexes and fields, car park areas, open public spaces. Designed to provide uniform, high-intensity illumination for wide coverage areas, ideal for both recreational and safety-critical environments.

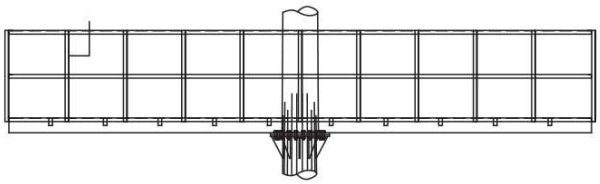




Floodlight Details
OLE CHAMPION



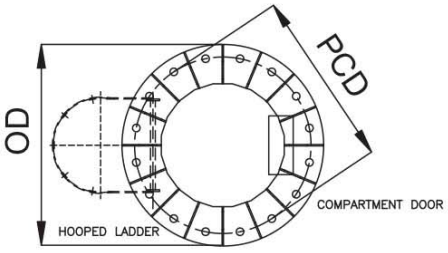
Platform Plan



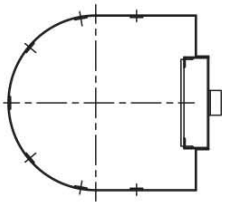
Platform Elevation



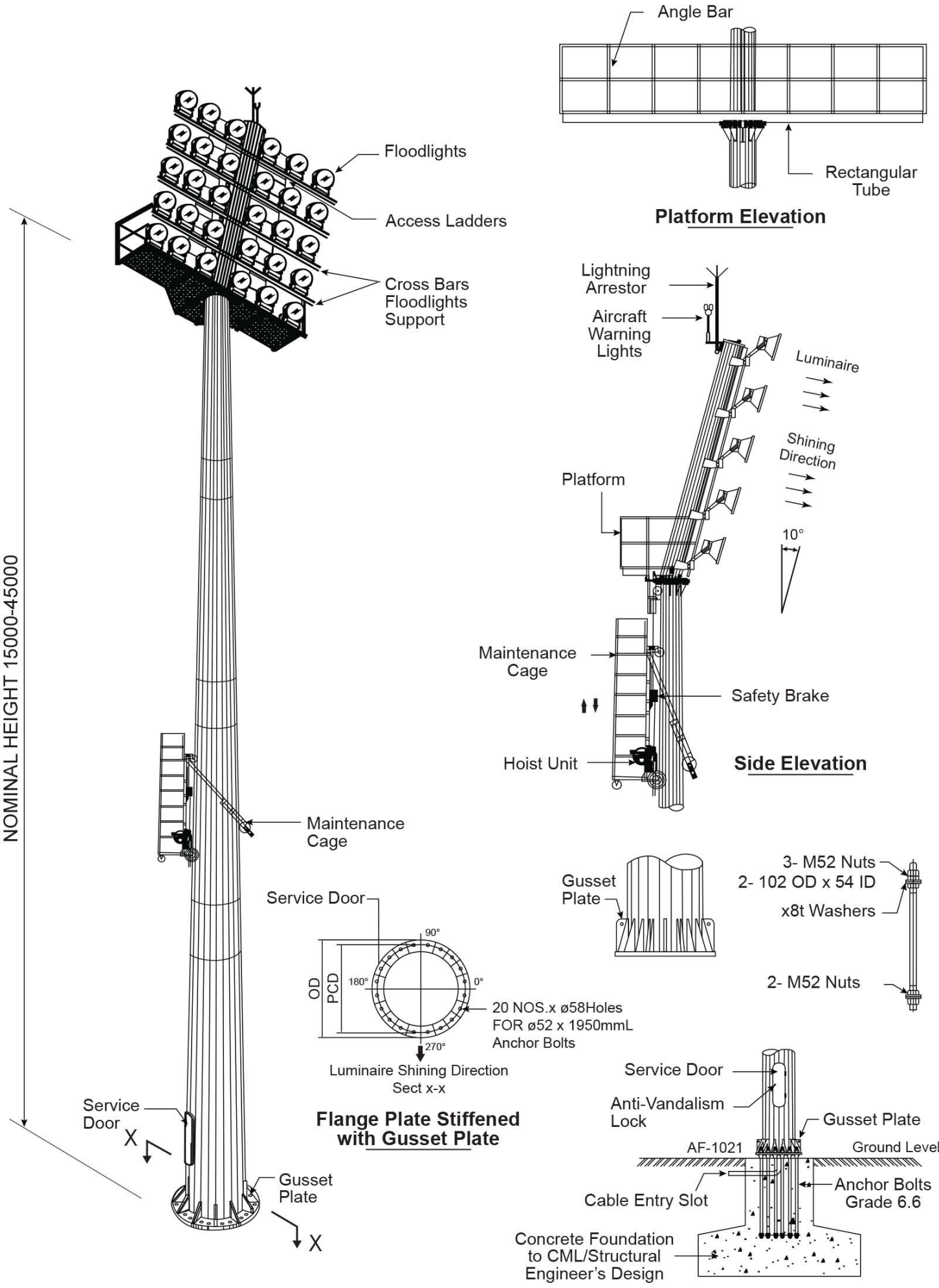
Anchor Bolt
GRADE 6.6

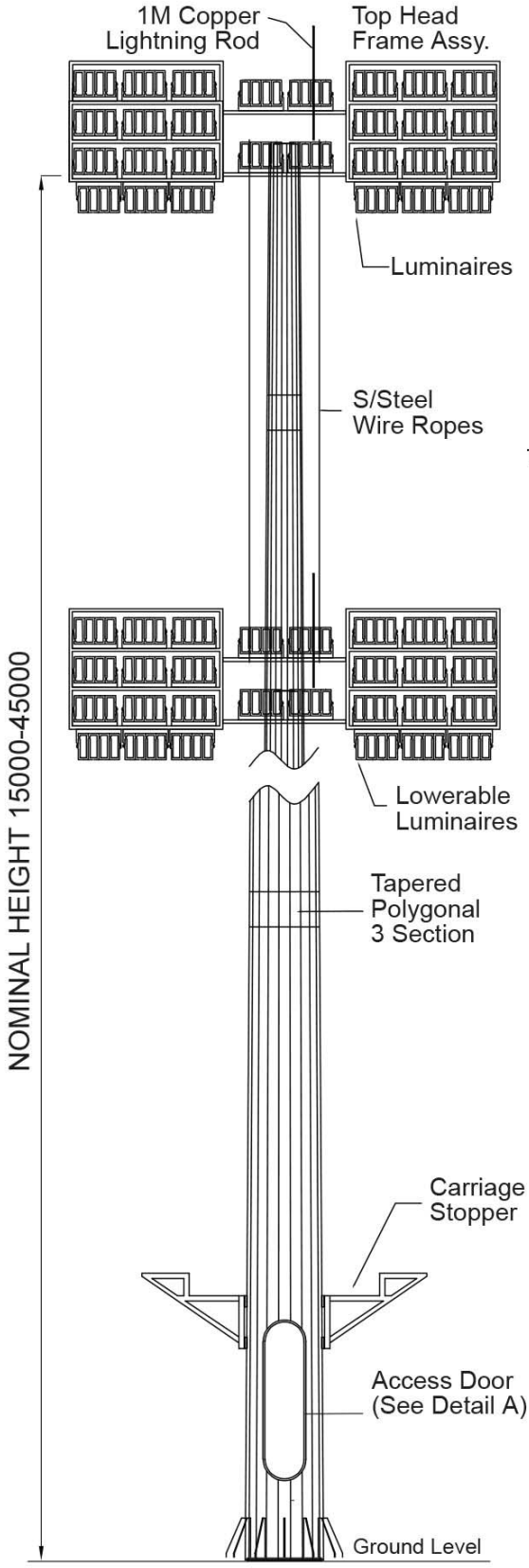


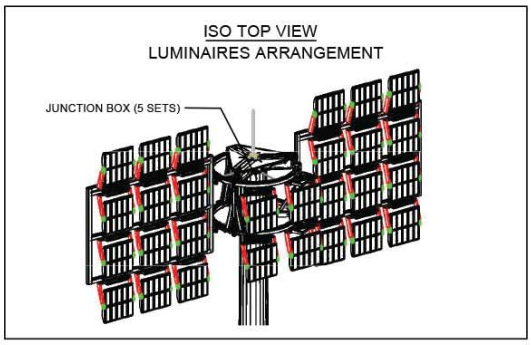
Base Flange
Stiffened with Gusset

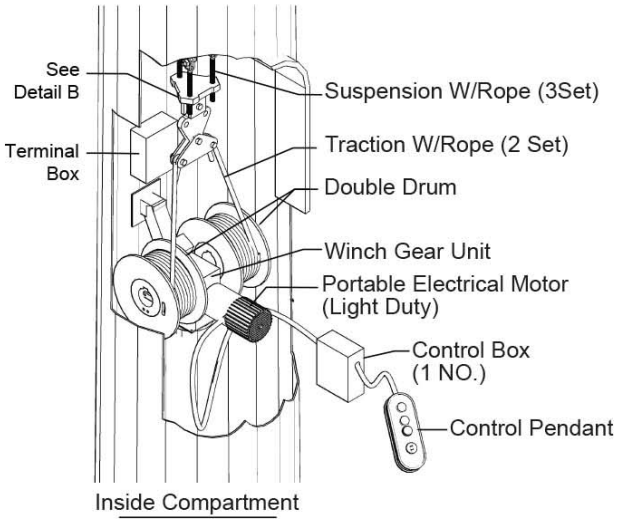


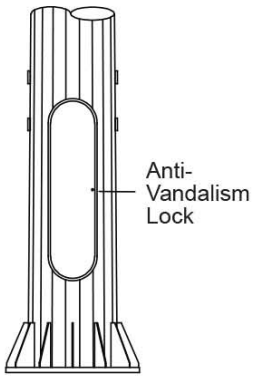
Hooped Ladder
With Steel Ladder


Angle Bar
Rectangular Tube
Platform Elevation
Floodlights
Access Ladders
Cross Bars Floodlights Support
NOMINAL HEIGHT 15000-45000
Lightning Arrestor
Aircraft Warning Lights
Luminaire
Shining Direction
Platform
10°
Maintenance Cage
Safety Brake
Hoist Unit
Side Elevation
Maintenance Cage
Gusset Plate
3- M52 Nuts
2- 102 OD x 54 ID
x8t Washers
2- M52 Nuts
Service Door
90°
180°
0°
270°
OD
PCD
20 NOS.x ø58Holes FOR ø52 x 1950mmL Anchor Bolts
Luminaire Shining Direction
Sect x-x
Flange Plate Stiffened with Gusset Plate
Service Door
X
Gusset Plate
X
Service Door
Anti-Vandalism Lock
Gusset Plate
AF-1021
Ground Level
Cable Entry Slot
Anchor Bolts Grade 6.6
Concrete Foundation to CML/Structural Engineer's Design

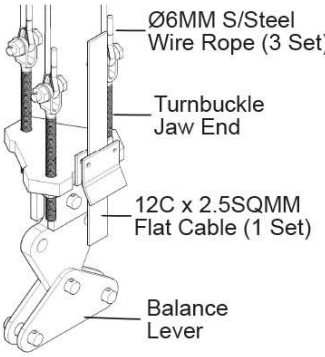

1M Copper Lightning Rod
Top Head Frame Assy.
Luminaires
S/Steel Wire Ropes
Lowerable Luminaires
Tapered Polygonal 3 Section
Carriage Ring Stopper
Access Door (See Detail A)
Ground Level
NOMINAL HEIGHT 15000-45000

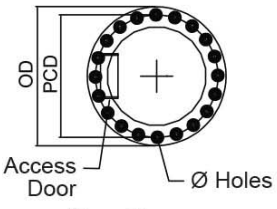

ISO TOP VIEW
LUMINAIRES ARRANGEMENT
JUNCTION BOX (5 SETS)

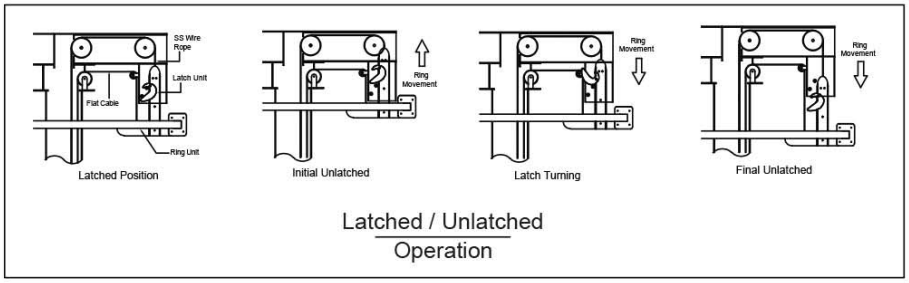

See Detail B
Terminal Box
Suspension W/Rope (3Set)
Traction W/Rope (2 Set)
Double Drum
Winch Gear Unit
Portable Electrical Motor (Light Duty)
Control Box (1 NO.)
Control Pendant
Inside Compartment

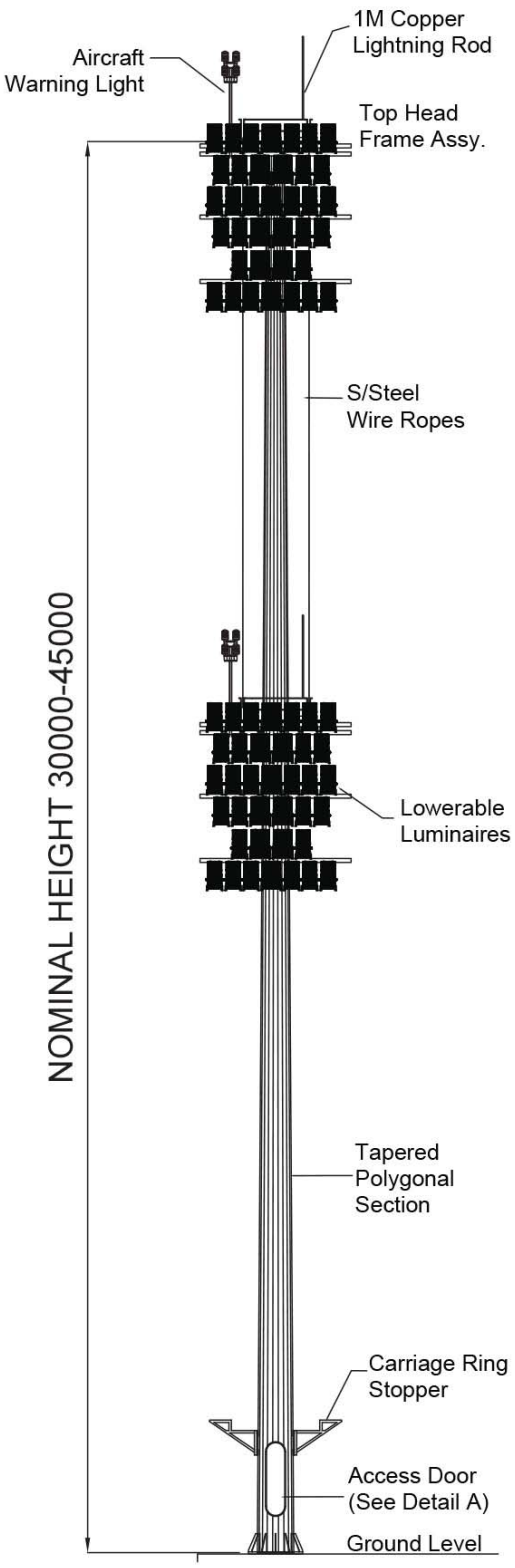

Anti-Vandalism Lock
Detail -A
Access Door


Anchor Bolt
Grade 6.6

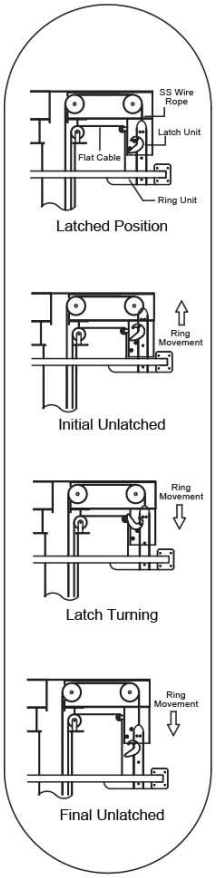

Ø6MM S/Steel Wire Rope (3 Set)
Turnbuckle Jaw End
12C x 2.5SQMM Flat Cable (1 Set)
Balance Lever
Detail-B
Balance Lever Unit


OD
PCD
Access Door
Ø Holes
Base Flange
With Stiffeners

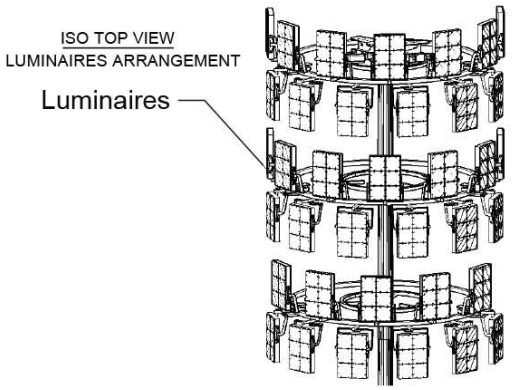

SS Wire Rope
Latch Unit
Flat Cable
Ring Unit
Latched Position
Ring Movement
Initial Unlatched
Ring Movement
Latch Turning
Ring Movement
Final Unlatched
Latched / Unlatched
Operation

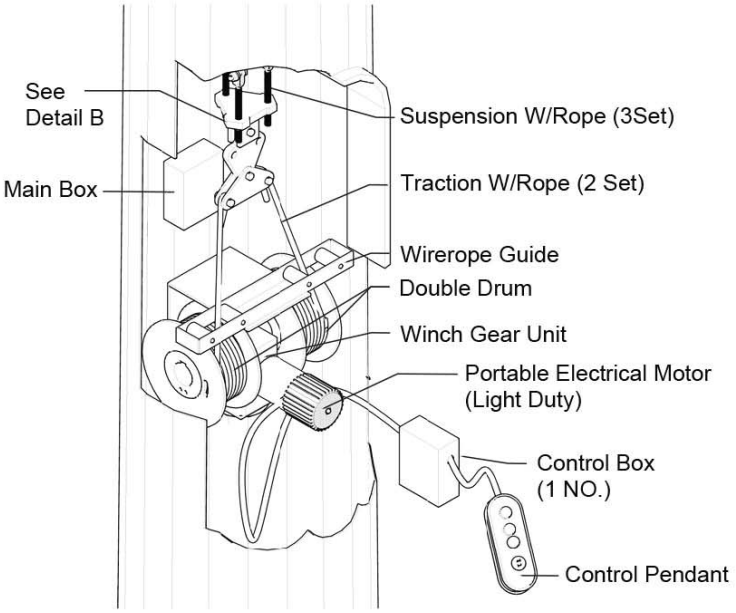


NOTE
CONCRETE FOUNDATION IS UNDER RESPECTIVE C&S ENGINEER
DESIGN BASED ON GIVEN UNFACTORED REACTIONS

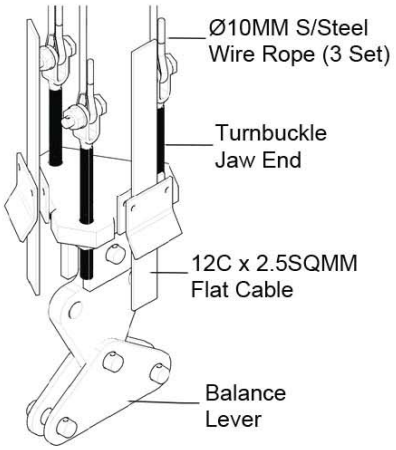


Latched / Unlatched Operation

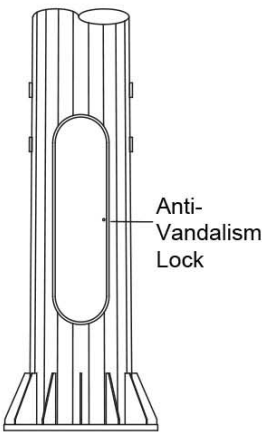




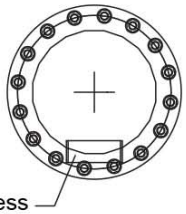
Inside Compartment



Detail-B
Typical Balance Lever Unit



Detail -A
Access Door



Base Flange
With Stiffeners



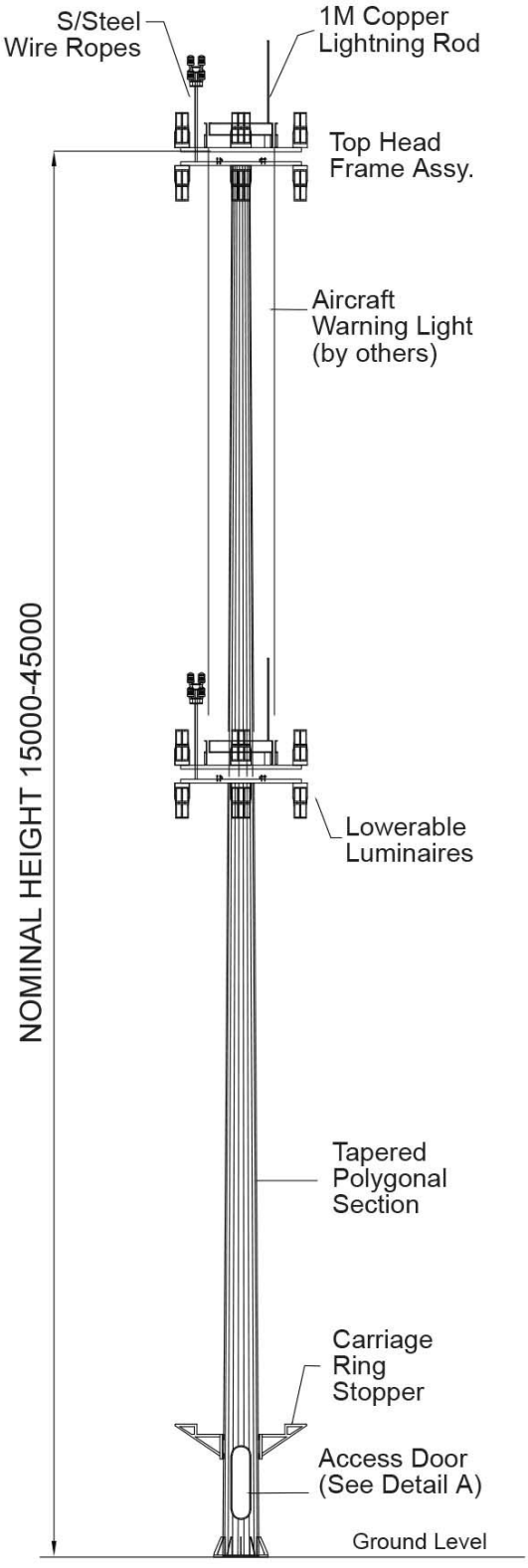
Anchor Bolt
Grade 6.6

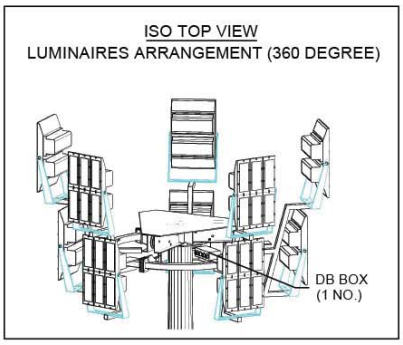


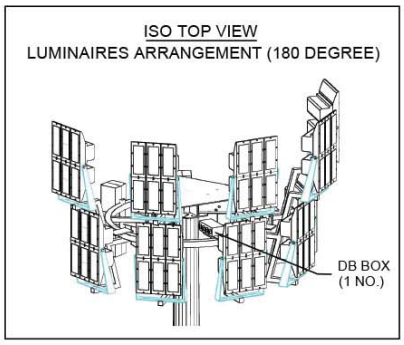
➤ Bukit Kayu Hitam, Kedah

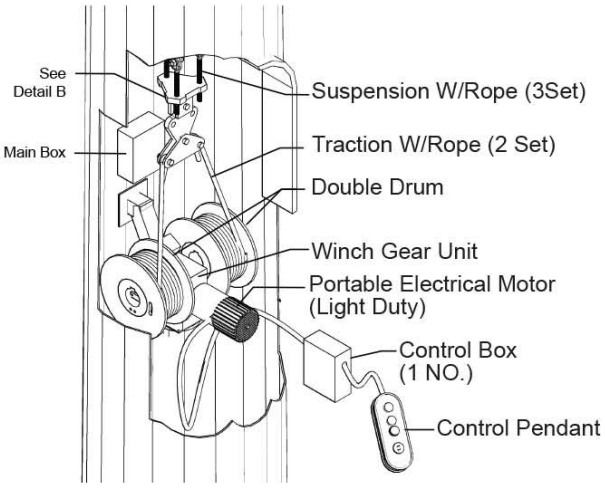
Application

Suitable for large-scale, high-mount lighting installations in stadiums, sports complexes and fields, car park areas, open public spaces. Designed to provide uniform, high-intensity illumination for wide coverage areas, ideal for both recreational and safety-critical environments.

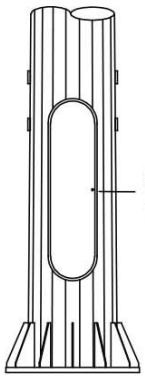








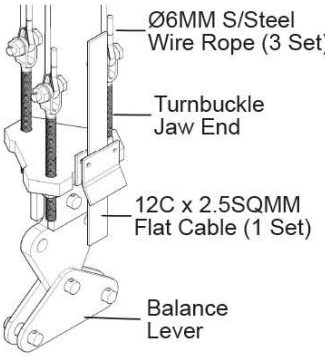
Inside Compartment



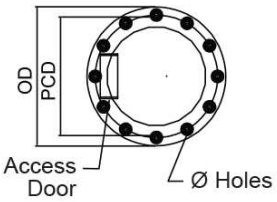
Detail -A
Access Door



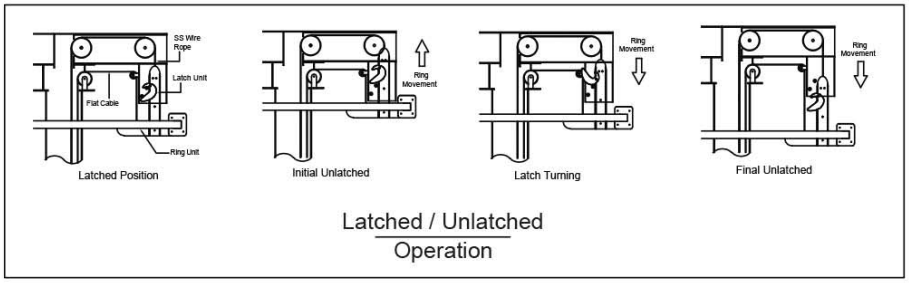
Anchor Bolt
Grade 6.6



Detail-B
Balance Lever Unit



Base Flange
With Stiffeners



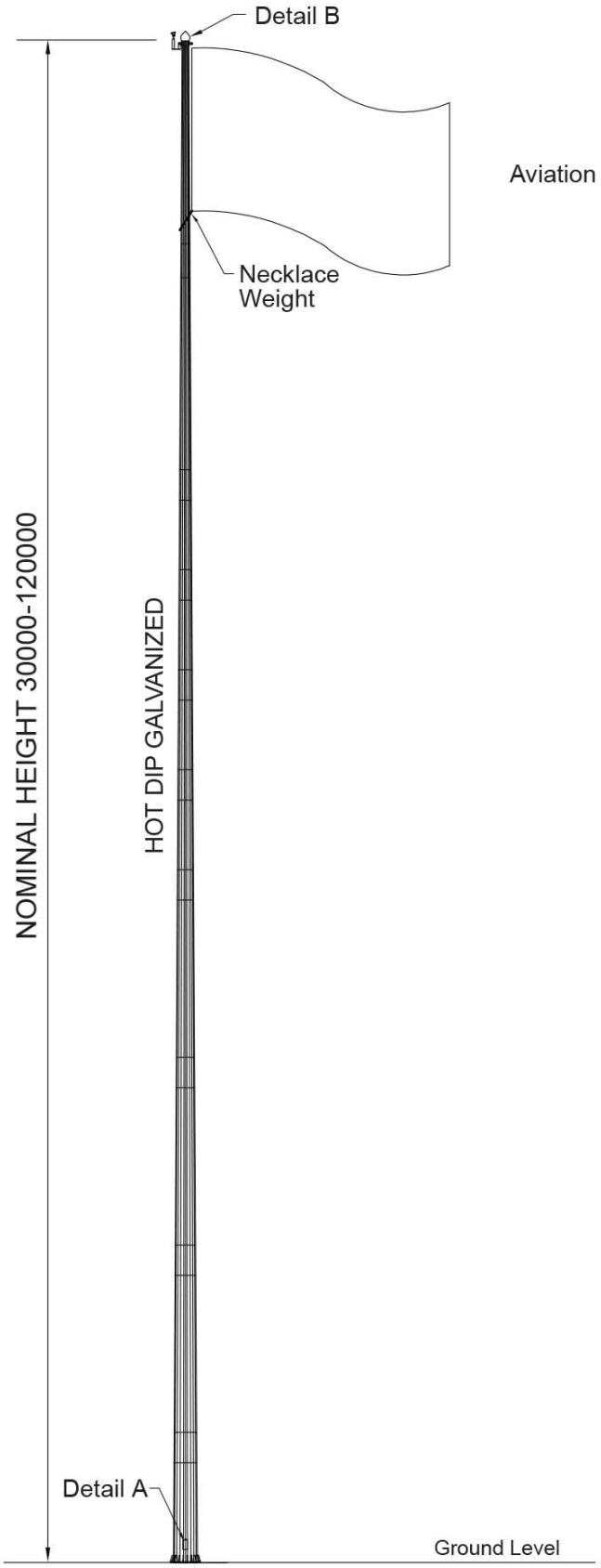
Latched / Unlatched
Operation

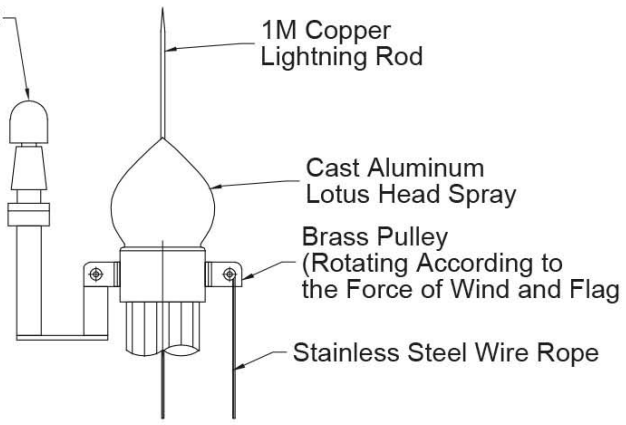


➤ Klang, Selangor

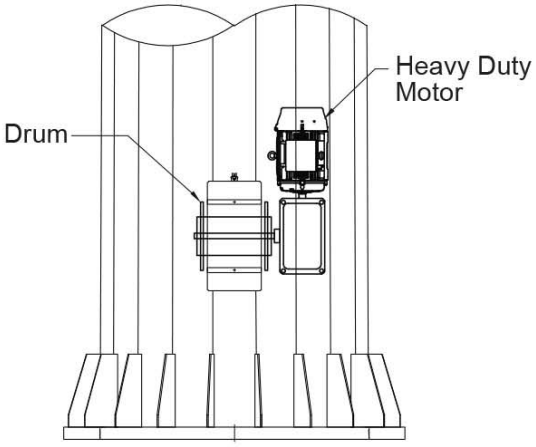
Application

High-quality flagpole designed for outdoor and ceremonial use in a wide range of environments such as government buildings, schools, corporate facilities, public parks, and commercial premises.





Detail B

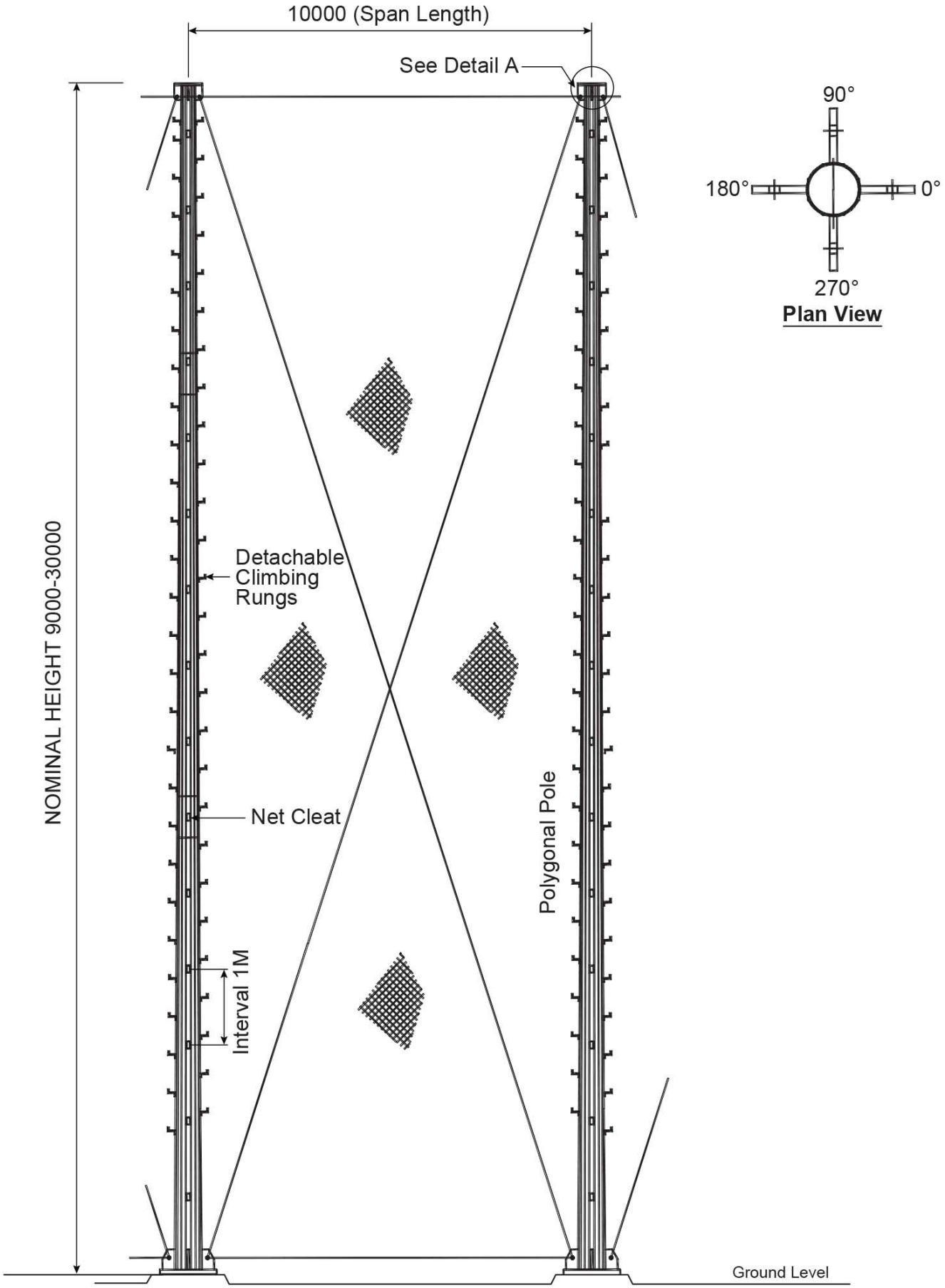


Detail A

Service Door for Motor

Application:

Suitable for installation in sports field courts such as football, futsal, tennis, basketball, or multi-purpose courts where perimeter netting is required for ball containment, spectator safety, or area separation.





➤ Kota Emerald, Rawang, Selangor

Application

Main roads, residential areas, commercial zones, parking lots, pathways, and other public spaces.



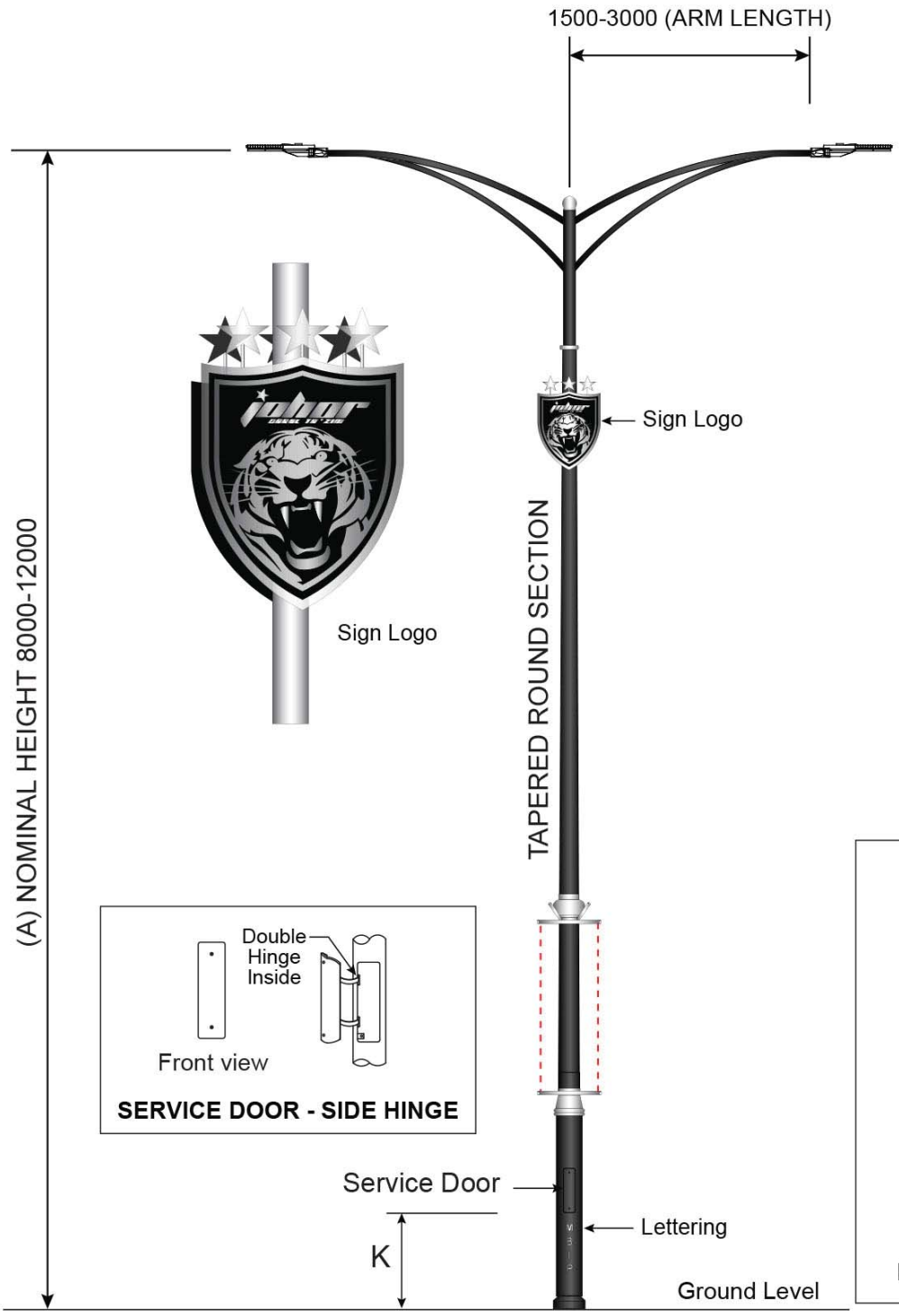
➤ Gelang Patah, Johor

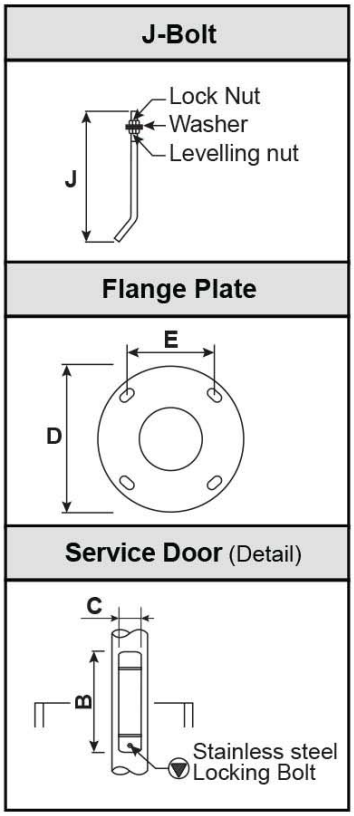
Application

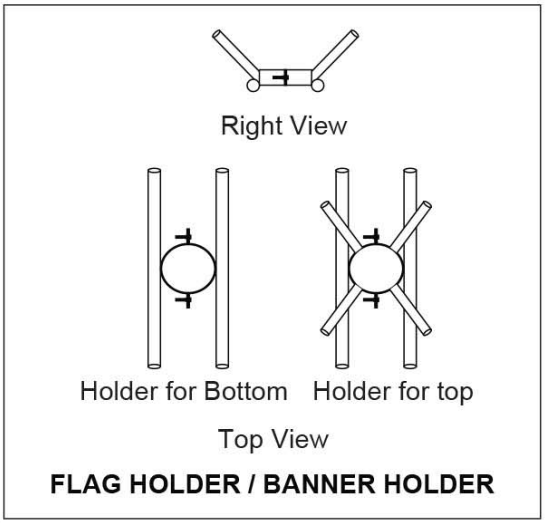
Main roads, residential areas, commercial zones, parking lots, pathways, and other public spaces.

DECORATIVE POLE

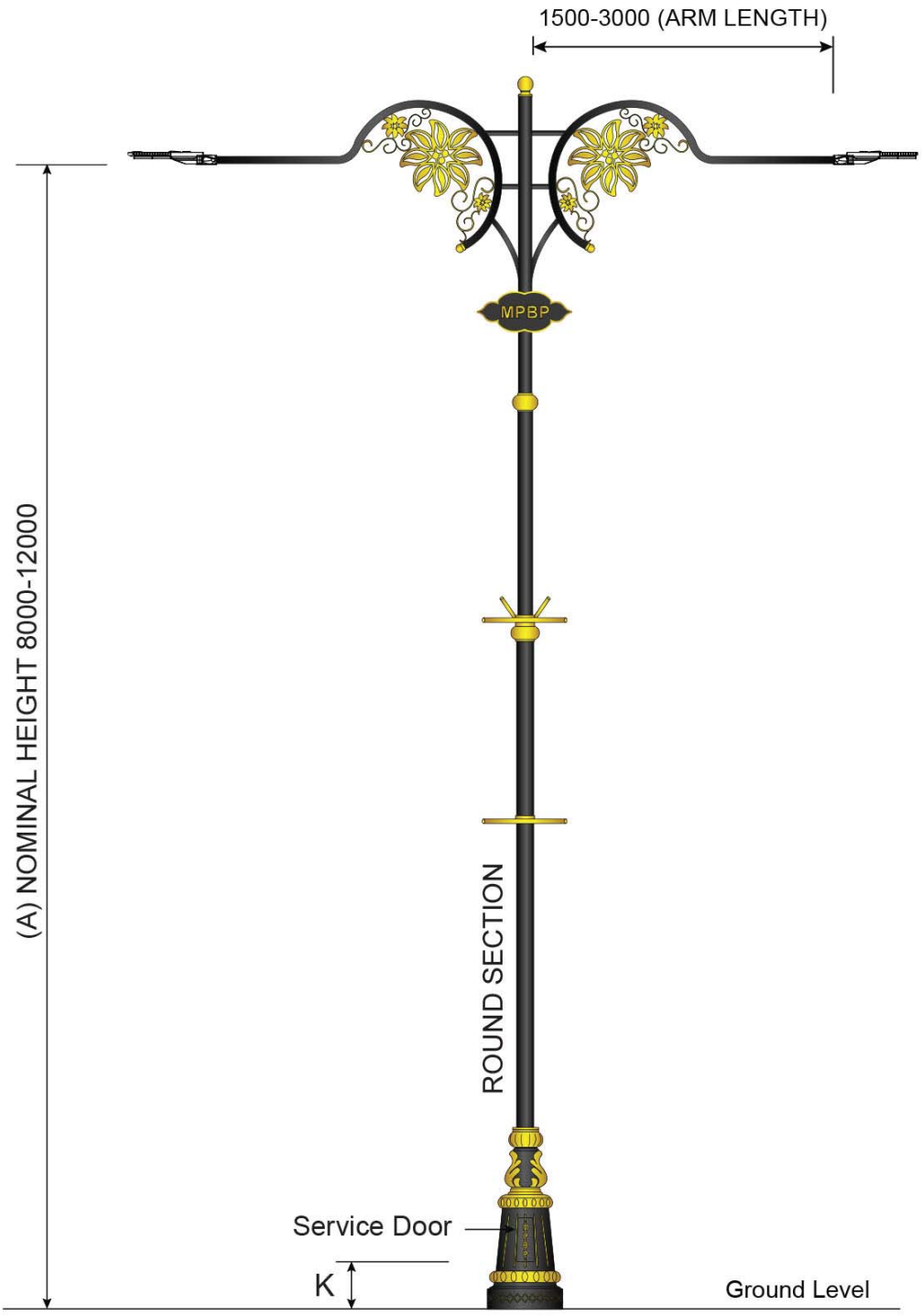
Tapered Round Pole



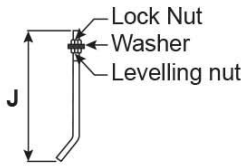




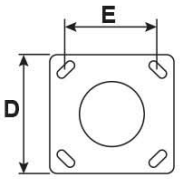
Height	Service Door		Flange Plate	J-Bolt	Grd. Lvl. to Service Door
A	B	C	D x E	J	K
Meter	MM	MM	MM	MM	MM
8	450	120	500x300	ø20x450 (L)	610
9	450	120	500x300	ø20x500 (L)	610
10	450	120	500x300	ø24x570 (L)	610 (1800/2000 Optional)
12	450	120	500x300	ø24x570 (L)	610 (1800/2000 Optional)



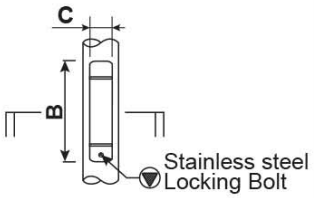
J-Bolt



Flange Plate



Service Door (Detail)



Height	Service Door		Flange Plate	J-Bolt	Grd. Lvl. to Service Door
A	B	C	D x E	J	K
Meter	MM	MM	MM	MM	MM
8	450	120	300x220	ø20x450 (L)	610
9	450	120	300x220	ø20x500 (L)	610
10	450	120	350x260	ø24x570 (L)	610 (1800/2000 Optional)
12	450	120	400x300	ø24x570 (L)	610 (1800/2000 Optional)



Jalan Mersing, Kluang, Johor



Pengerang, Johor



Pusat Pentadbiran Negeri Sabah (PPNS) Sabah



Dataran Muhamadi, Kelantan



Jalan Tan Hiok Nee, Johor



Persiaran 1 Batu Caves, Selangor



Jalan Dato Abdullah Tahir, Johor



Eco Palladium, Johor



Essex Garden, Selangor



Kemaman, Terengganu



Dungun, Terengganu



Marang, Terengganu



Jalan Banting, Klang, Selangor



Jalan Istana, Klang, Selangor



Medini, Johor



Marina Puteri Harbour, Johor



Jalan Kluang, Batu Pahat, Johor



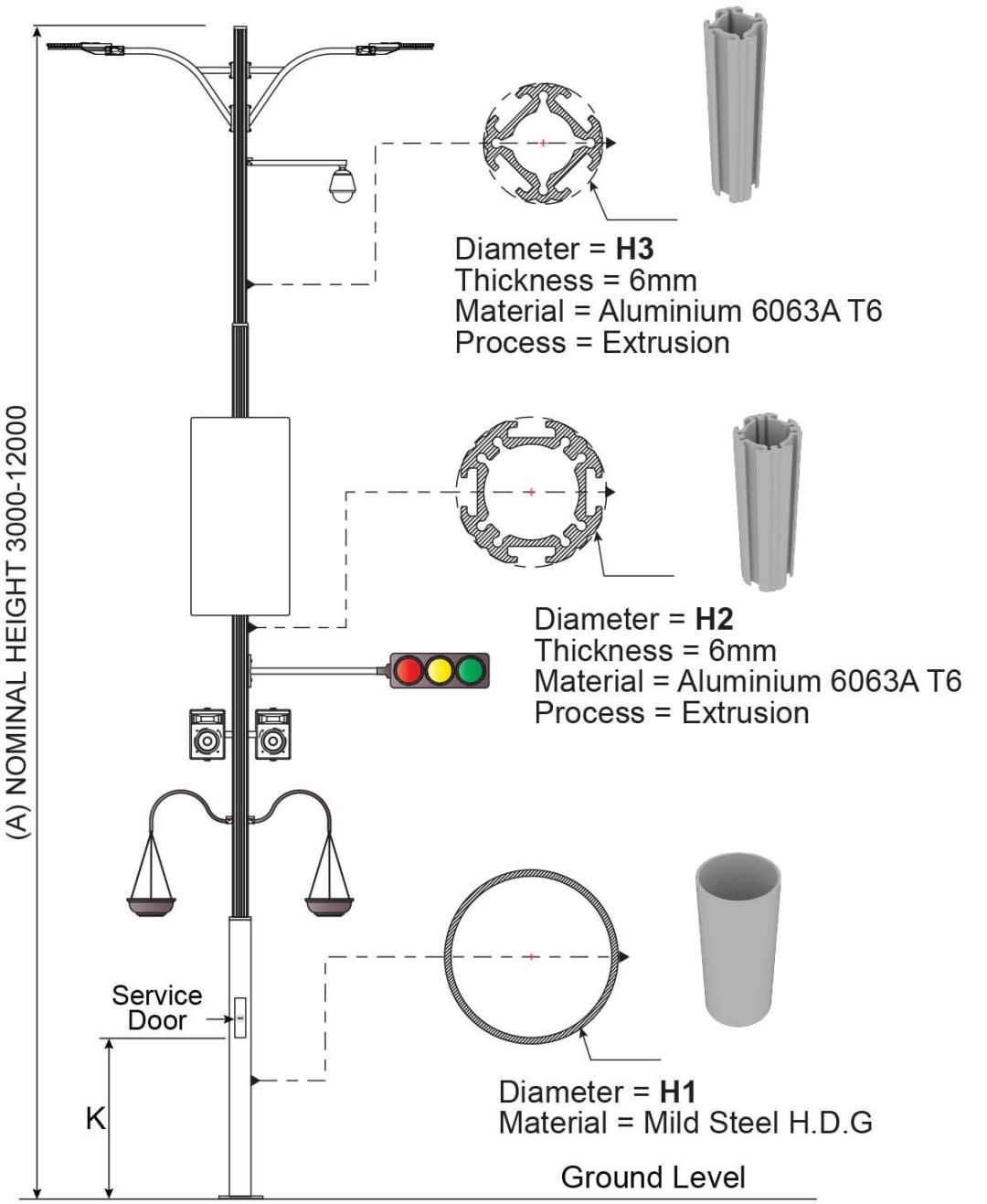
Johor

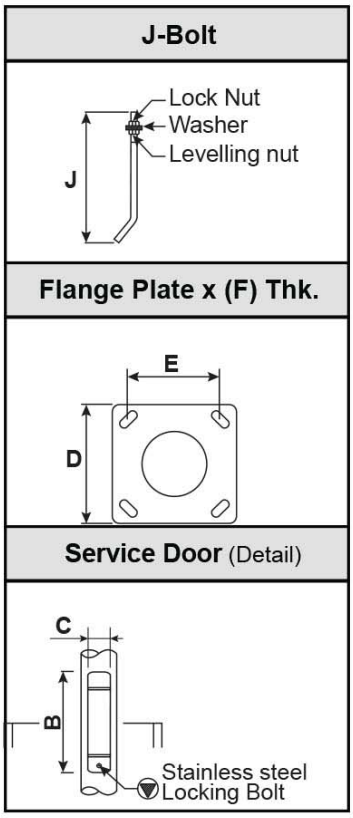


➤ Jalan Ampang, Kuala Lumpur

Application

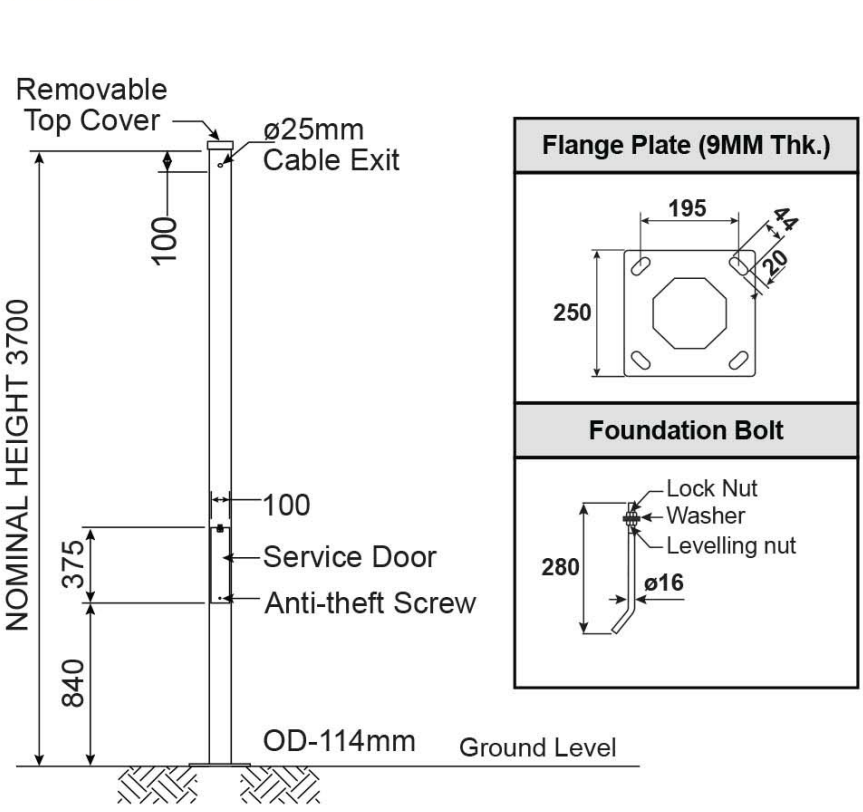
A lightweight, corrosion-resistant pole designed for various indoor and outdoor applications, including signage, lighting, CCTV mounting, traffic sensors, and smart city devices.
Manufactured from high-grade aluminium, it offers long-term durability with minimal maintenance, making it ideal for urban, commercial, and landscaped environments.



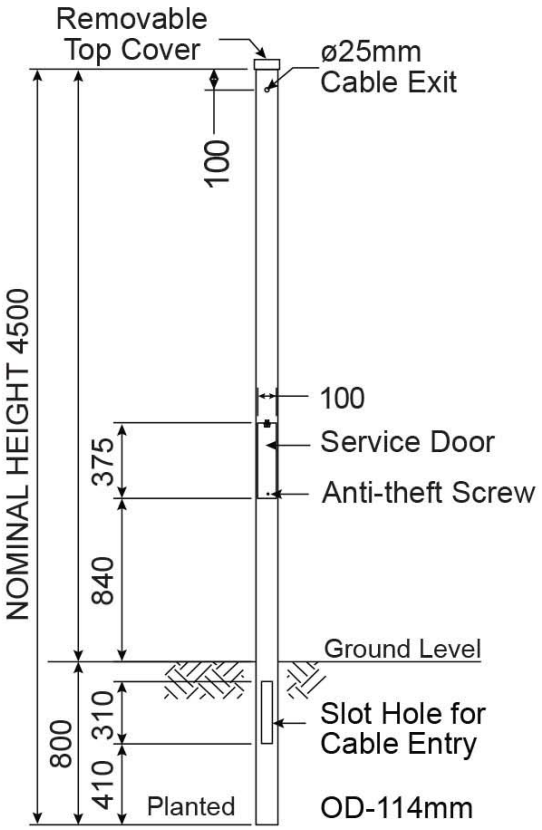


Height	Service Door		Flange Plate	I/J-Bolt	Grd. Lvl. to Service Door	Diameter		
A	B	C	D x E x (F) THK.	J	K	H1	H2	H3
Meter	MM	MM	MM	MM	MM	MM	MM	MM
4	350	100	250x195x8	ø16x280 (L)	305	ø140	ø114	-
5	350	100	250x195x10	ø16x280 (L)	305	ø140	ø114	-
6	450	120	300x220x15	ø20x450 (L)	610 / 1780	ø165	ø147	-
7	450	120	300x220x15	ø20x450 (L)	610 / 1780	ø165	ø147	ø114
8	450	120	300x220x15	ø20x450 (L)	610 / 1780	ø165	ø147	ø114
9	450	120	300x220x20	ø20x450 (L)	610 / 1780	ø165	ø147	ø114
10	450	120	350x260x20	ø24x570 (L)	610 / 1780	ø220	ø147	ø114
12	450	120	445x300x25	ø24x570 (L)	610 / 1780	ø220	ø147	ø114

Tubular

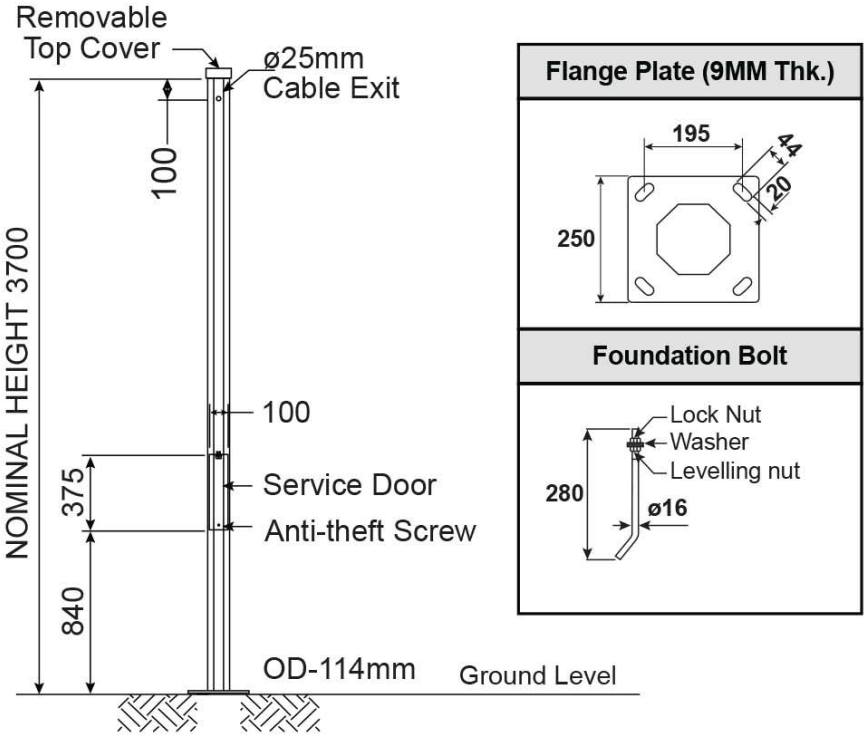


Flange Type

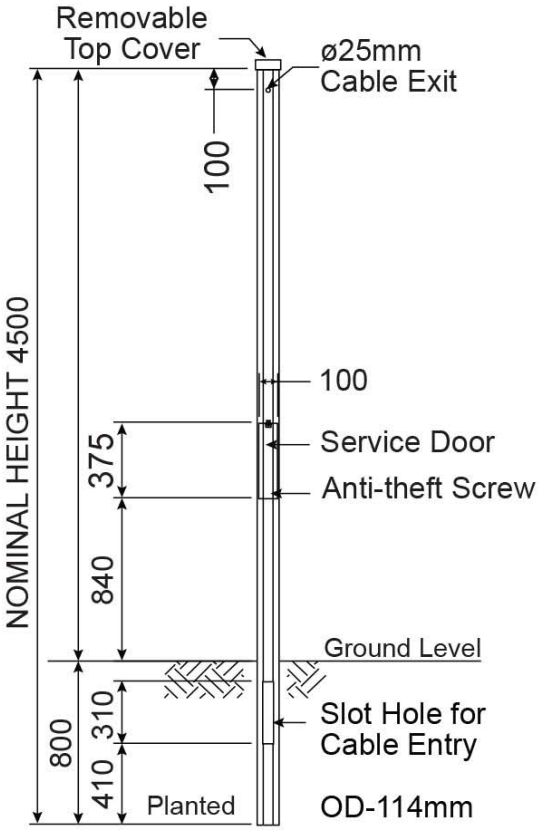


Planted Type

Octagonal Parallel



Flange Type

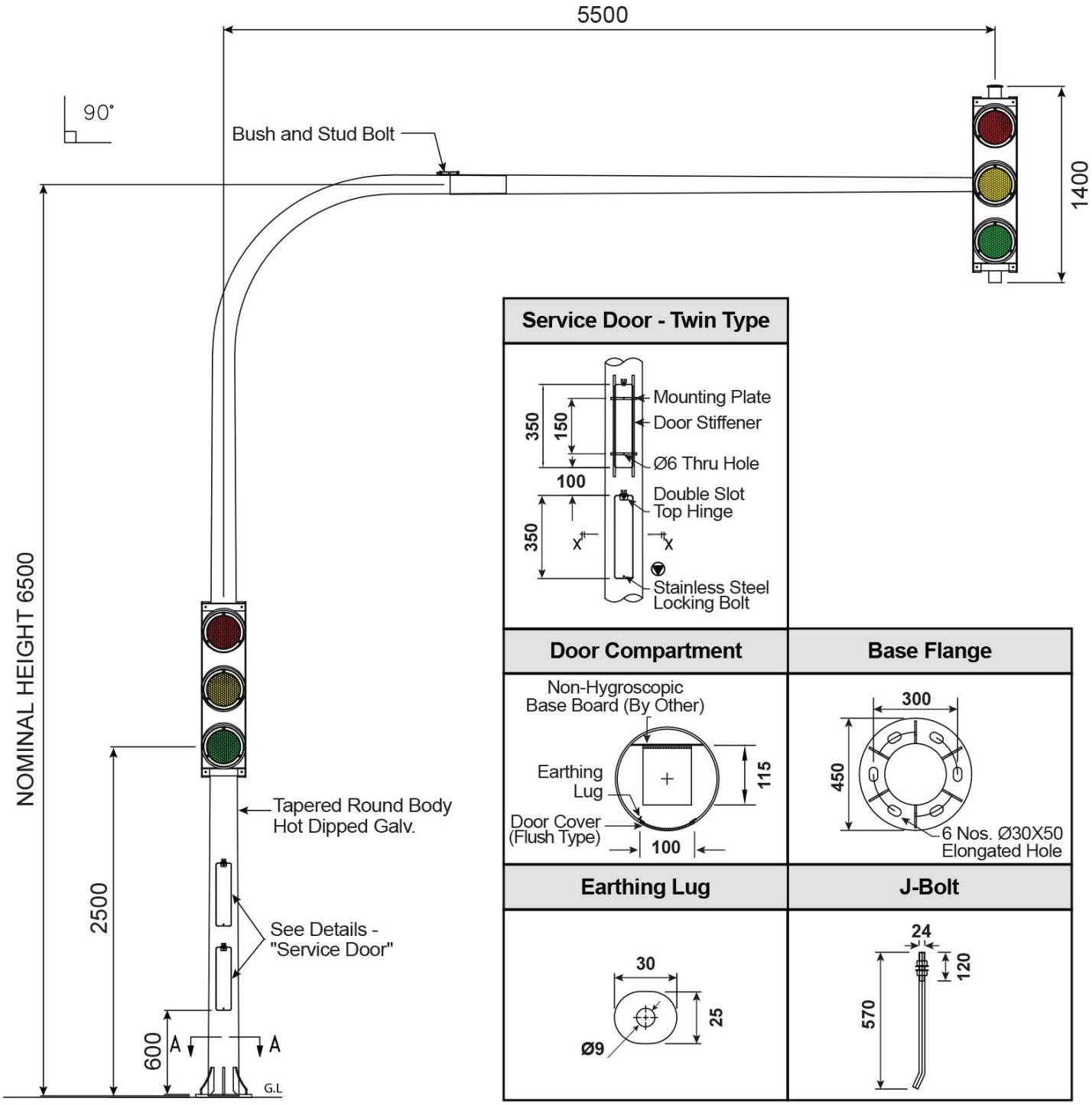


Planted Type

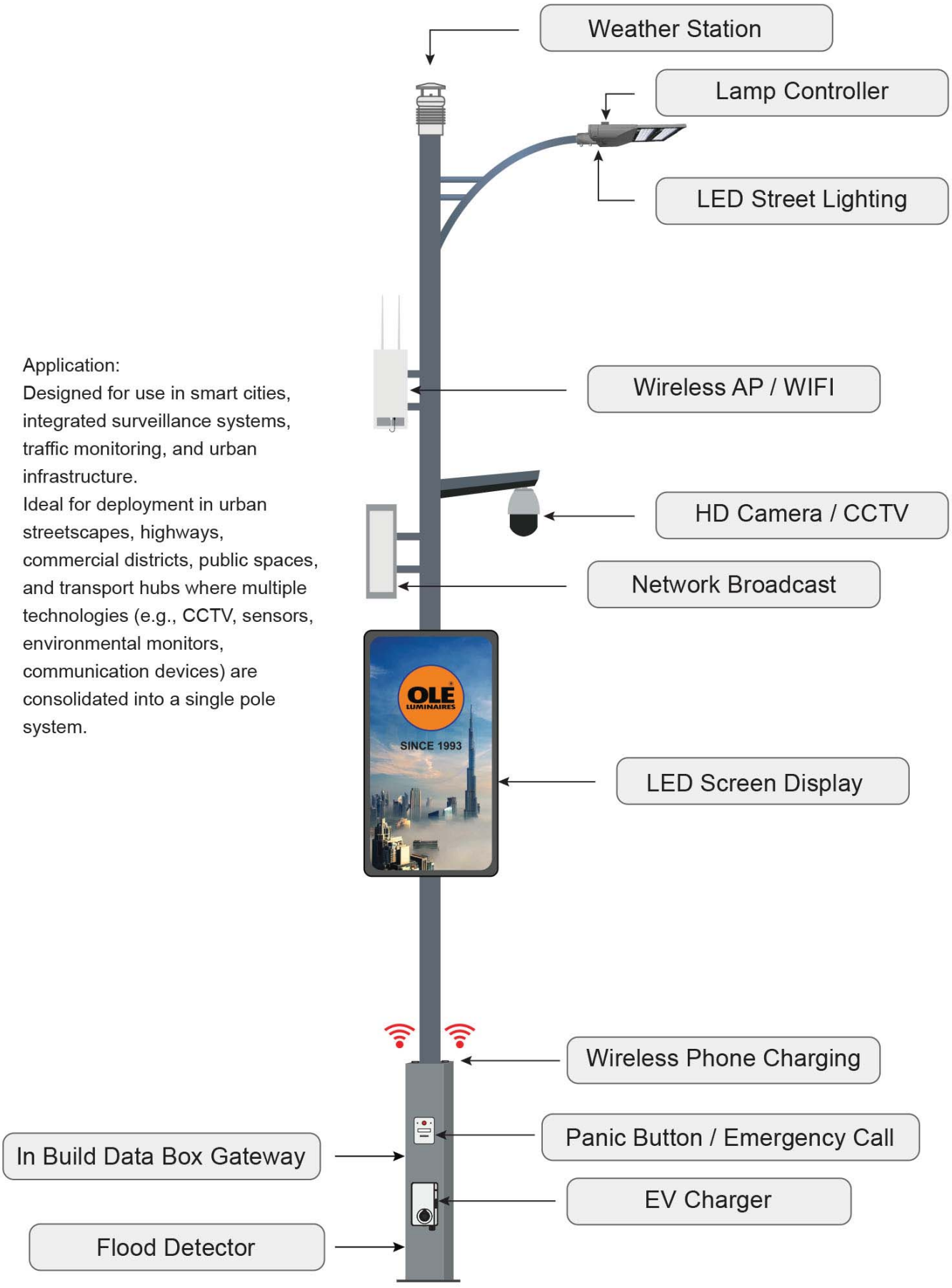
TRAFFIC LIGHT POLE

Overhead I Tubular

Designed to provide stable and reliable support for traffic signal systems in various road and intersection settings. Available in multiple configurations, these poles can be customized to suit specific urban and highway traffic management requirements. They can also serve a dual purpose, integrating both traffic signals and street lighting on a single structure—maximizing functionality and minimizing street clutter.

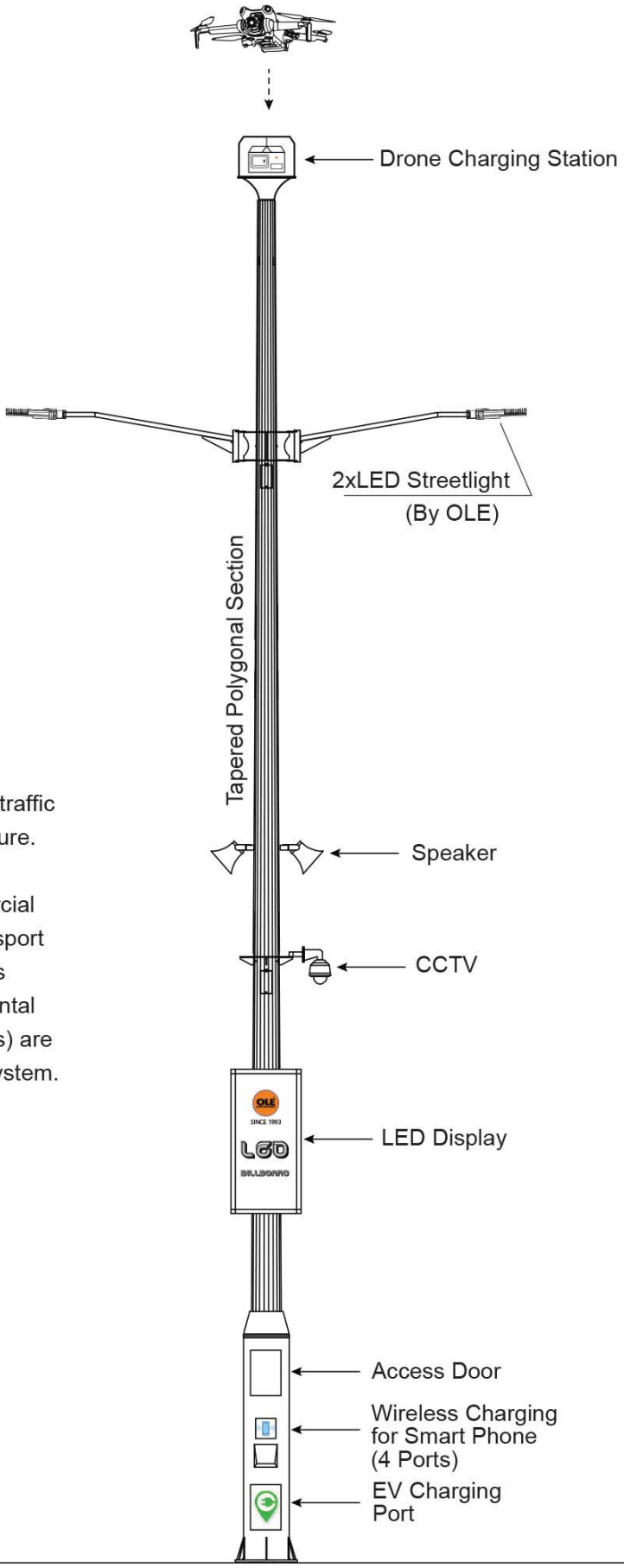


Application:
Designed for use in smart cities, integrated surveillance systems, traffic monitoring, and urban infrastructure.
Ideal for deployment in urban streetscapes, highways, commercial districts, public spaces, and transport hubs where multiple technologies (e.g., CCTV, sensors, environmental monitors, communication devices) are consolidated into a single pole system.





Drone



Application:
Designed for use in smart cities, integrated surveillance systems, traffic monitoring, and urban infrastructure. Ideal for deployment in urban streetscapes, highways, commercial districts, public spaces, and transport hubs where multiple technologies (e.g., CCTV, sensors, environmental monitors, communication devices) are consolidated into a single pole system.

CAMOUFLAGED SIGNAGE MAST POLE

Application:
Suitable for installation in high-visibility locations such as petrol stations, fast food outlets, commercial zones, residential areas, and other urban environments where aesthetics and functional integration are required.

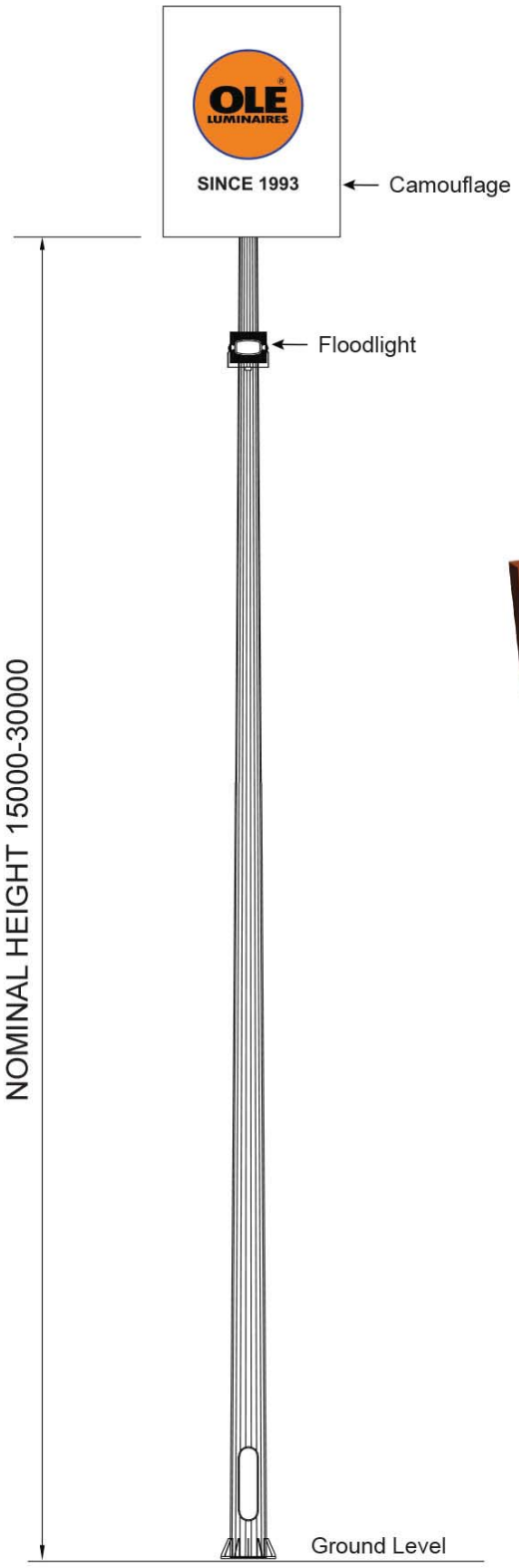
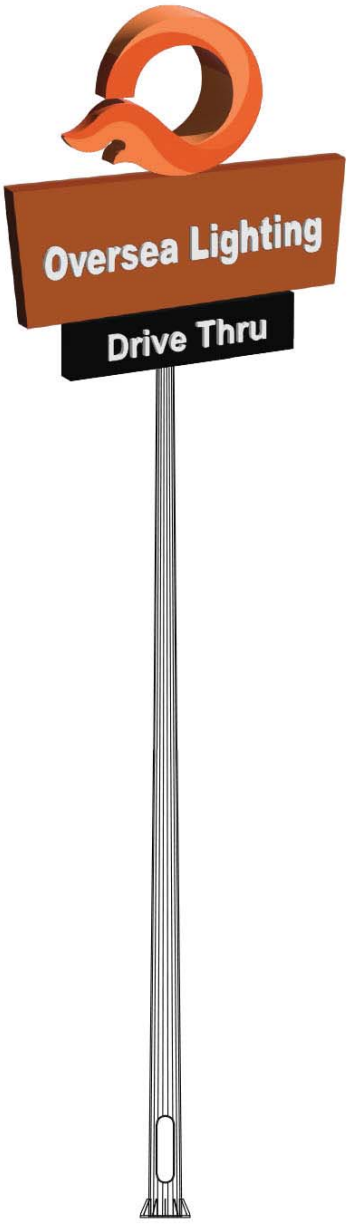
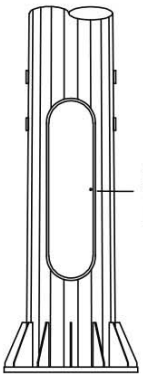




Image shown is for illustration purposes only

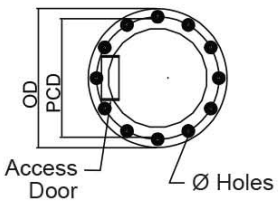




Detail -A
Access Door



Anchor Bolt
Grade 6.6



Base Flange
With Stiffeners

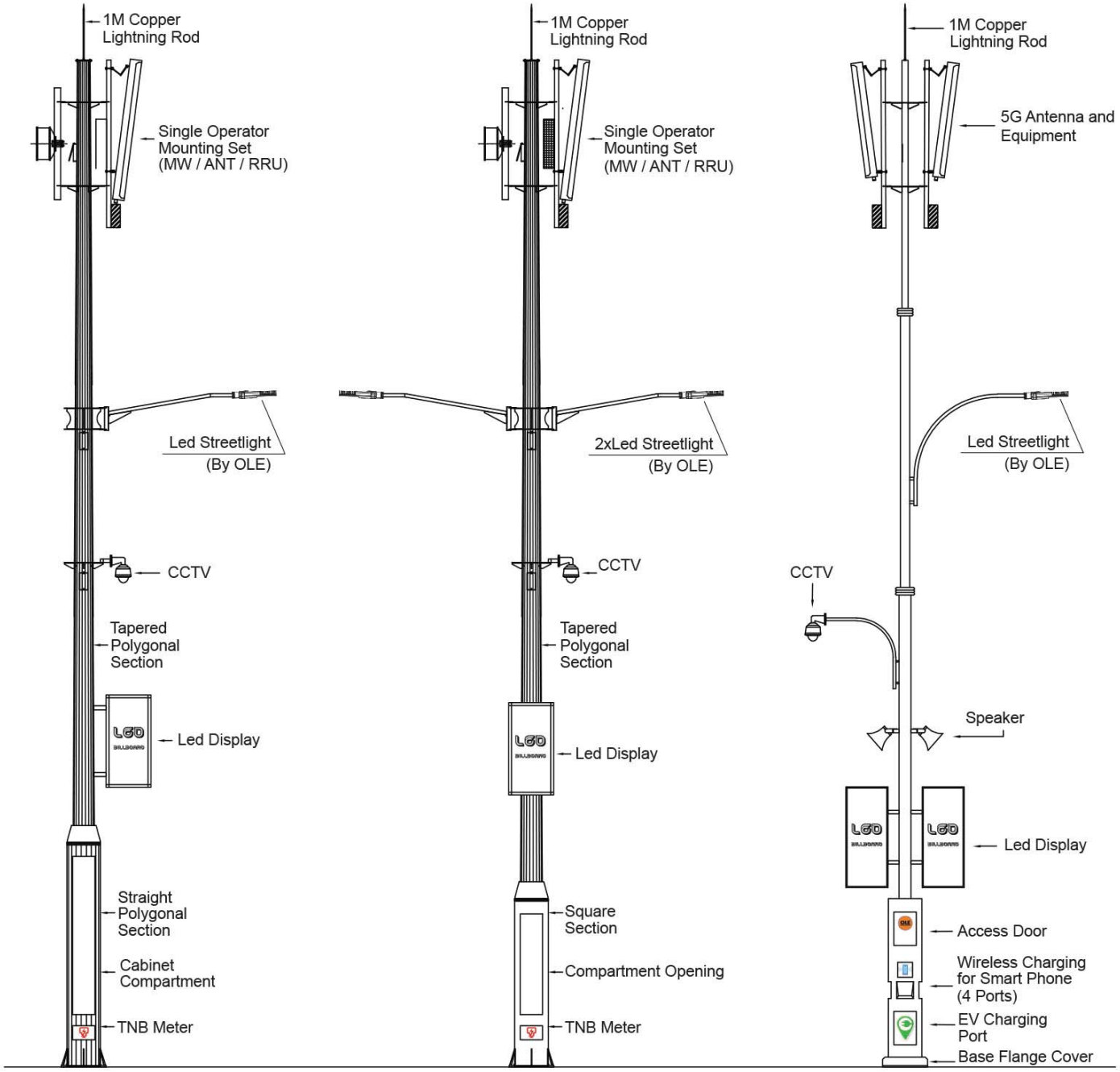


➤ Pasar Payang, Terengganu

Application

A high-strength monopole antenna pole designed for telecommunication and broadcasting applications, featuring climbing rungs with a rest platform to support safe and efficient maintenance access. Suitable for deployment in urban zones, rural areas, and remote sites, this structure is ideal for mounting 4G/5G antennas, microwave dishes, and other telecom equipment, where secure vertical access is essential.

An integrated solution for smart urban infrastructure, the Smart Pole is engineered to support a range of digital technologies within a single, sleek structure. It combines lighting, surveillance, connectivity, and environmental monitoring to enhance safety, efficiency, and sustainability in modern cities.
Ideal for deployment in smart cities, urban centers, commercial zones, highways, transit hubs, and public spaces requiring advanced monitoring and communication features.



Meranti Smart Monopole

Gaharu Smart Monopole

Cendana Smart Monopole

TELECOMMUNICATION POLE

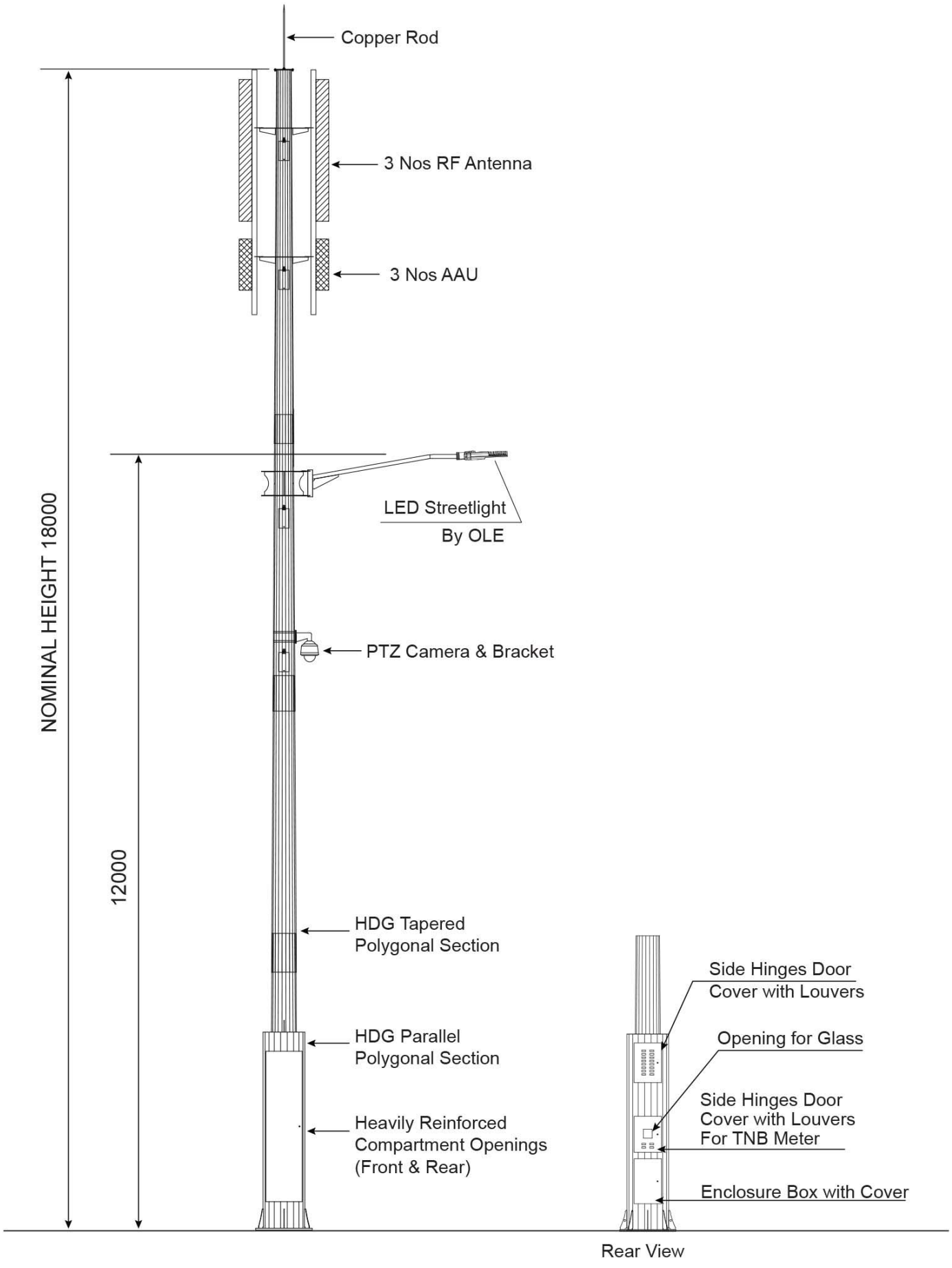
Smart Pole I 4G & 5G Monopole

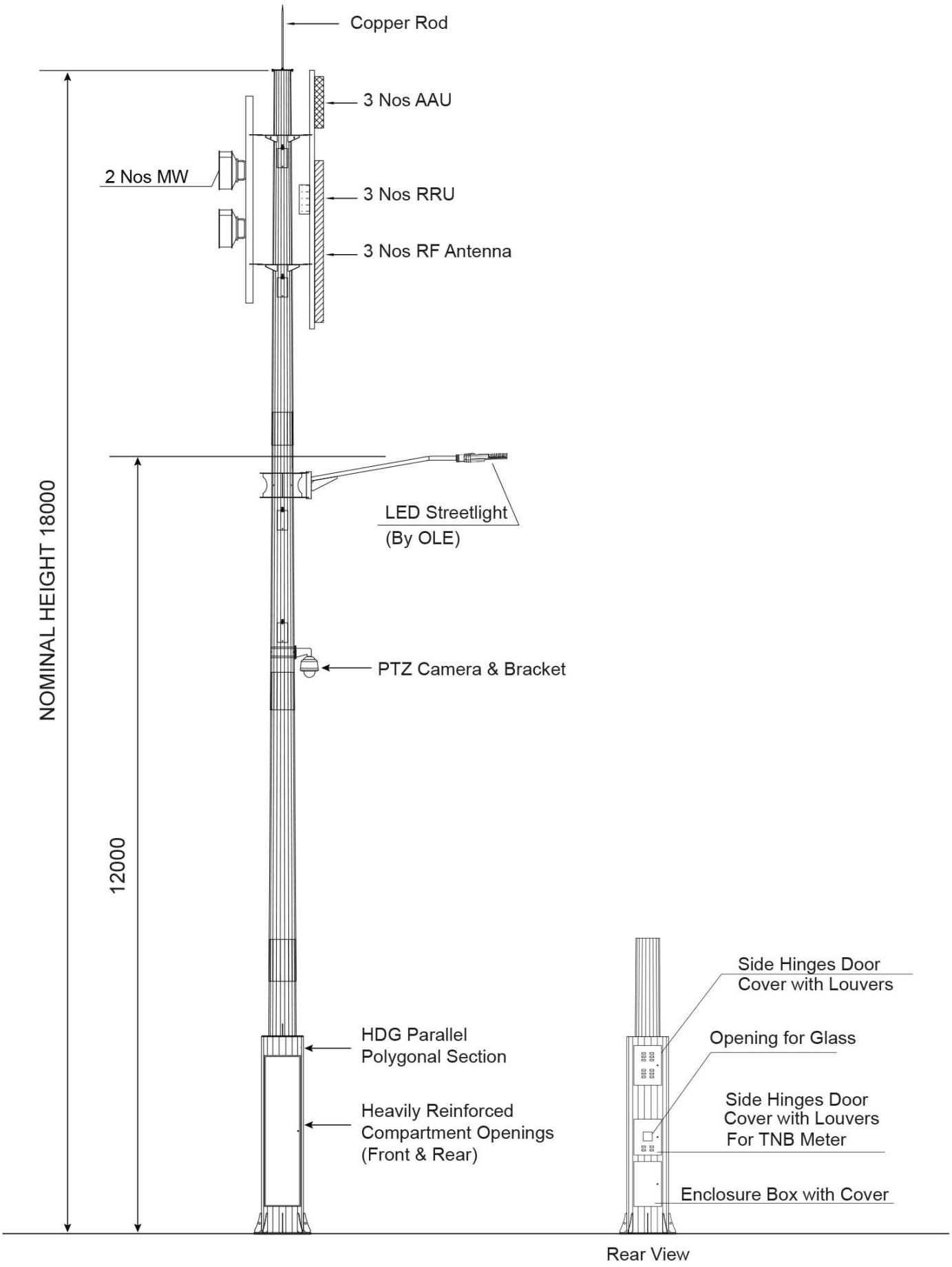


➤ Cyberjaya, Selangor

Application

A space-efficient vertical structure designed for mounting telecommunication equipment such as 4G/5G antennas, microwave dishes, and IoT devices.
Ideal for deployment in urban areas, industrial zones, highways, and remote locations, offering high structural integrity with minimal land footprint.


Copper Rod
3 Nos RF Antenna
3 Nos AAU
LED Streetlight
By OLE
PTZ Camera & Bracket
NOMINAL HEIGHT 18000
12000
HDG Tapered
Polygonal Section
HDG Parallel
Polygonal Section
Heavily Reinforced
Compartment Openings
(Front & Rear)
Side Hinges Door
Cover with Louvers
Opening for Glass
Side Hinges Door
Cover with Louvers
For TNB Meter
Enclosure Box with Cover
Rear View

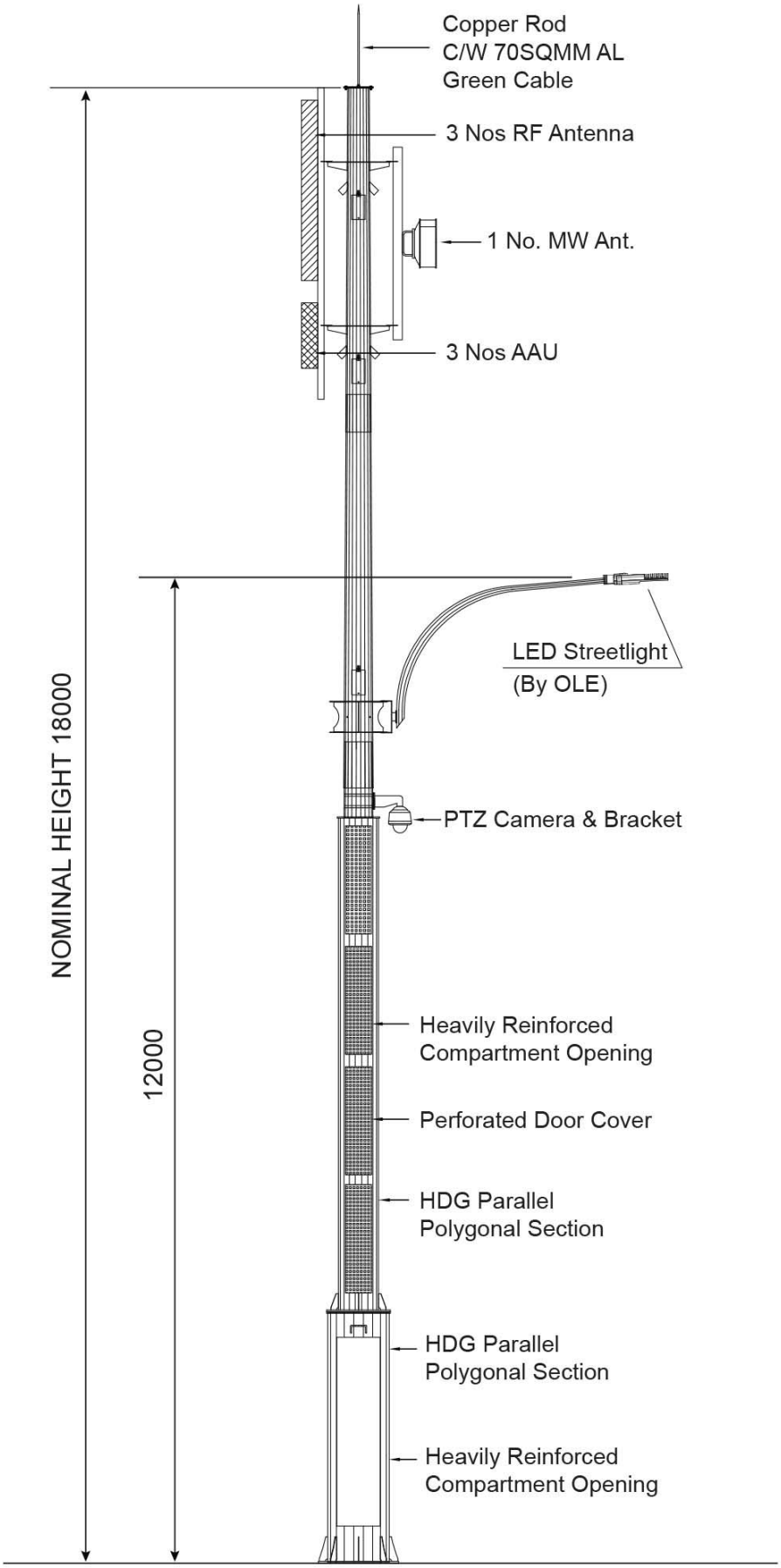

Copper Rod
3 Nos AAU
2 Nos MW
3 Nos RRU
3 Nos RF Antenna
LED Streetlight
(By OLE)
PTZ Camera & Bracket
NOMINAL HEIGHT 18000
12000
HDG Parallel
Polygonal Section
Heavily Reinforced
Compartment Openings
(Front & Rear)
Side Hinges Door
Cover with Louvers
Opening for Glass
Side Hinges Door
Cover with Louvers
For TNB Meter
Enclosure Box with Cover
Rear View

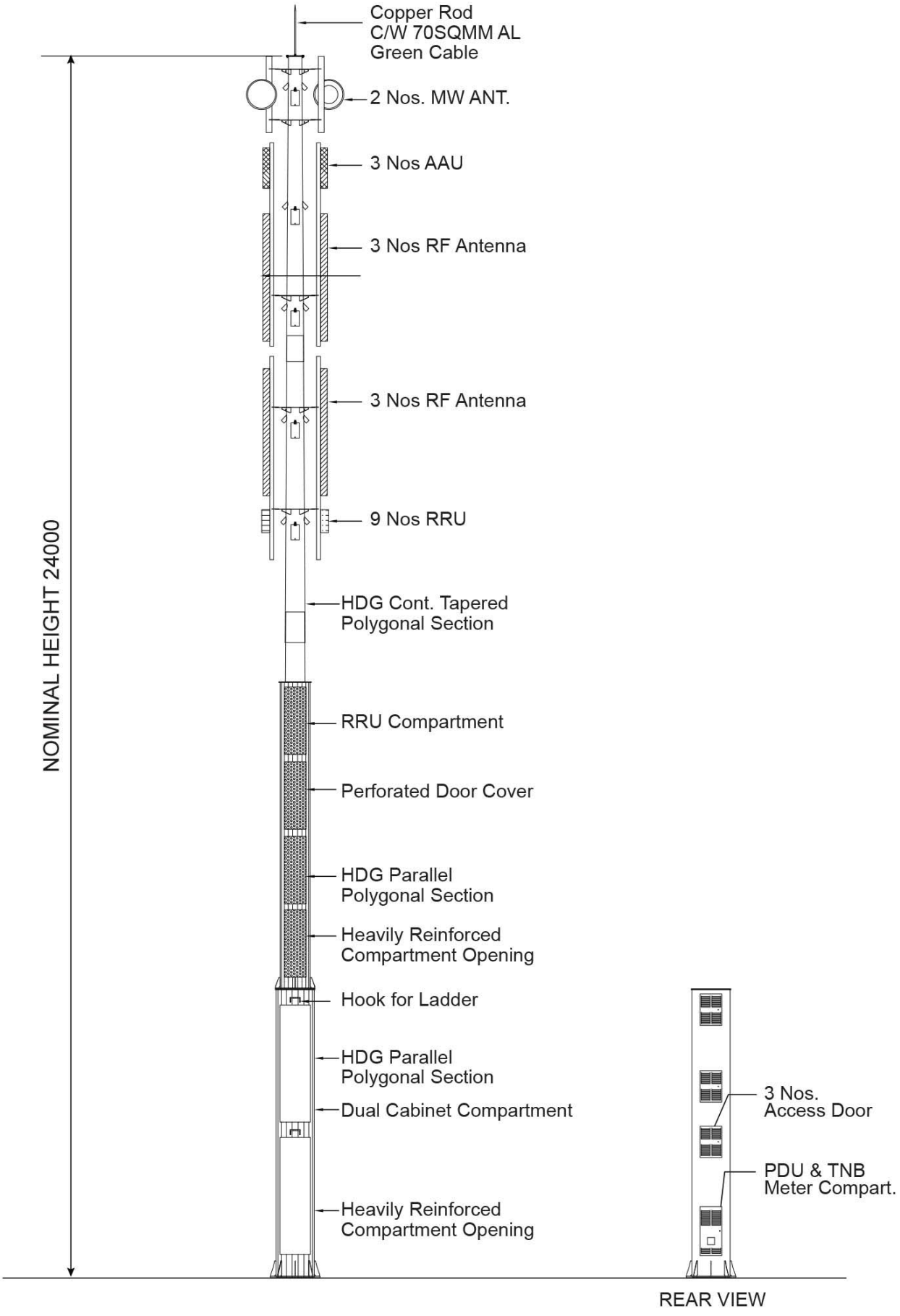


➤ Jalan Cassia Selatan, Pulau Pinang

Application

A space-efficient vertical structure designed for mounting telecommunication equipment such as 4G/5G antennas, microwave dishes, and IoT devices.
Ideal for deployment in urban areas, industrial zones, highways, and remote locations, offering high structural integrity with minimal land footprint.


Copper Rod
C/W 70SQMM AL
Green Cable
3 Nos RF Antenna
1 No. MW Ant.
3 Nos AAU
LED Streetlight
(By OLE)
PTZ Camera & Bracket
NOMINAL HEIGHT 18000
12000
Heavily Reinforced
Compartment Opening
Perforated Door Cover
HDG Parallel
Polygonal Section
HDG Parallel
Polygonal Section
Heavily Reinforced
Compartment Opening


Copper Rod
C/W 70SQMM AL
Green Cable
2 Nos. MW ANT.
3 Nos AAU
3 Nos RF Antenna
3 Nos RF Antenna
9 Nos RRU
HDG Cont. Tapered
Polygonal Section
RRU Compartment
Perforated Door Cover
HDG Parallel
Polygonal Section
Heavily Reinforced
Compartment Opening
Hook for Ladder
HDG Parallel
Polygonal Section
Dual Cabinet Compartment
Heavily Reinforced
Compartment Opening
NOMINAL HEIGHT 24000
3 Nos.
Access Door
PDU & TNB
Meter Compart.
REAR VIEW

TELECOMMUNICATION POLE

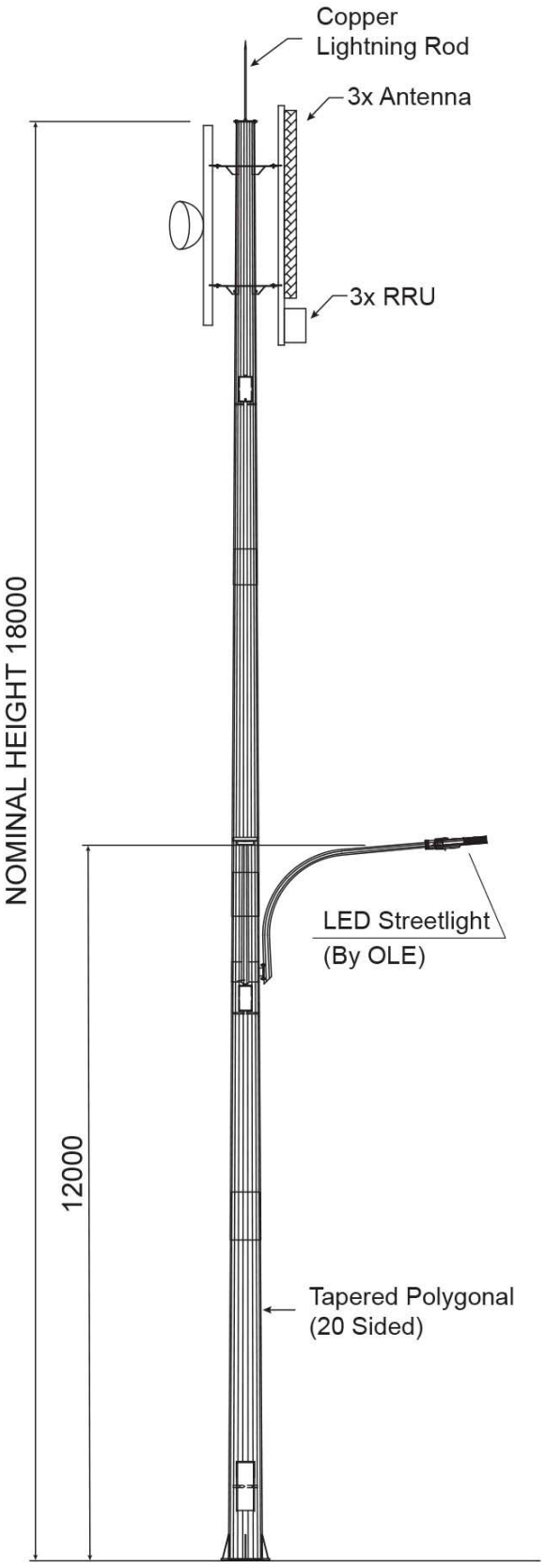
Monopole I Antenna Pole



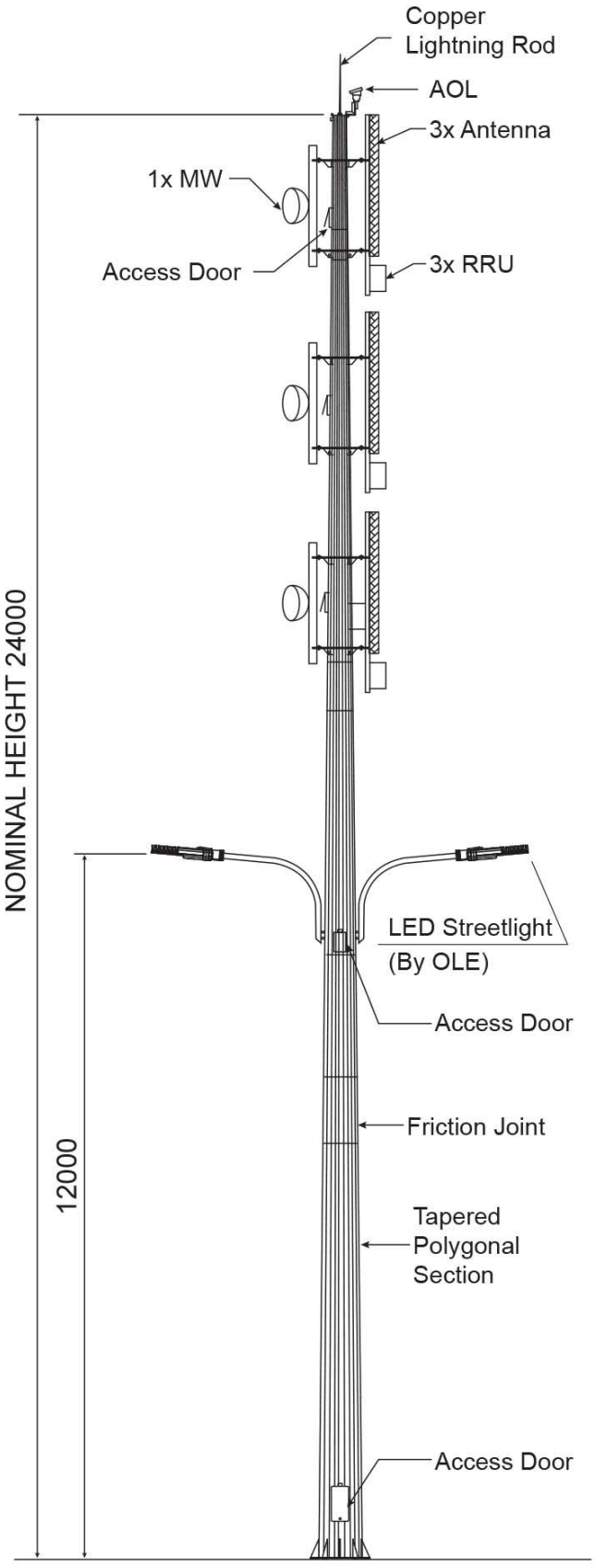
➤ Jalan Damai Budi, Kuala Lumpur

Application

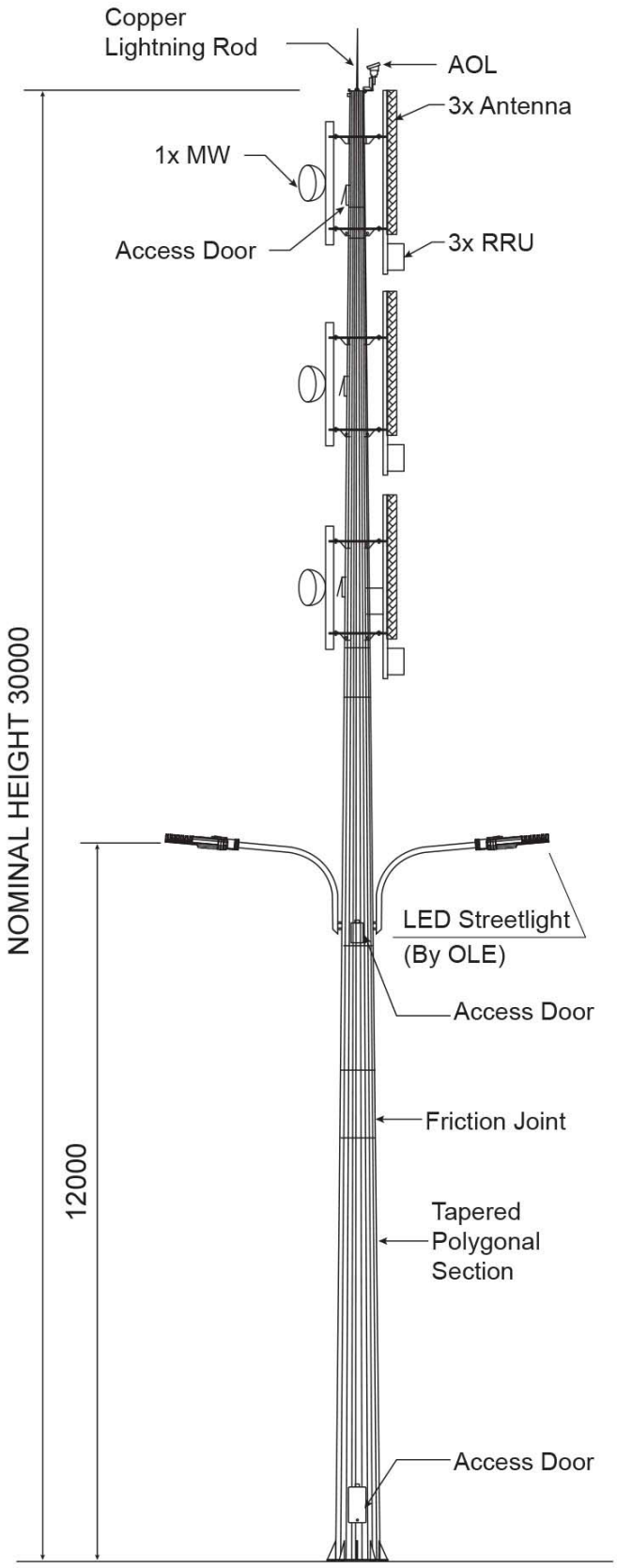
A space-efficient vertical structure designed for mounting telecommunication equipment such as 4G/5G antennas, microwave dishes, and IoT devices.
Ideal for deployment in urban areas, industrial zones, highways, and remote locations, offering high structural integrity with minimal land footprint.



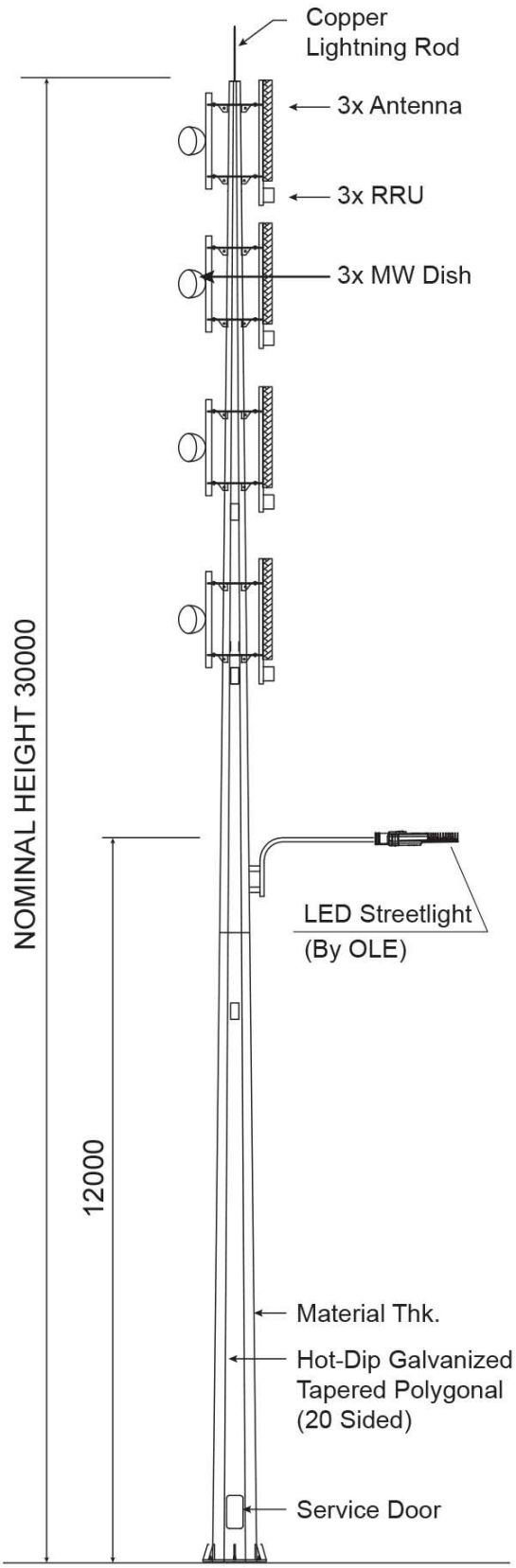
18M Monopole 1 Station



24M Monopole 3 Station



30M Monopole 3 Station



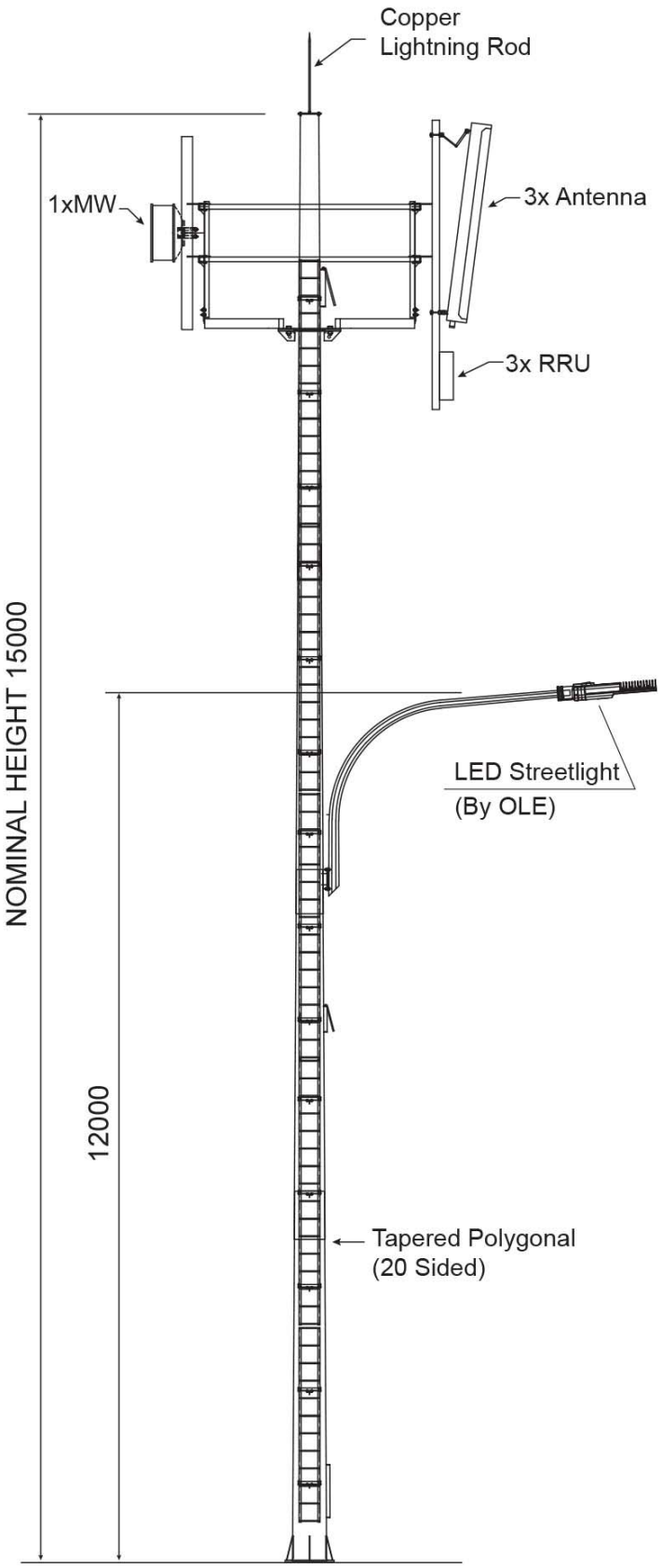
30M Monopole 4 Station



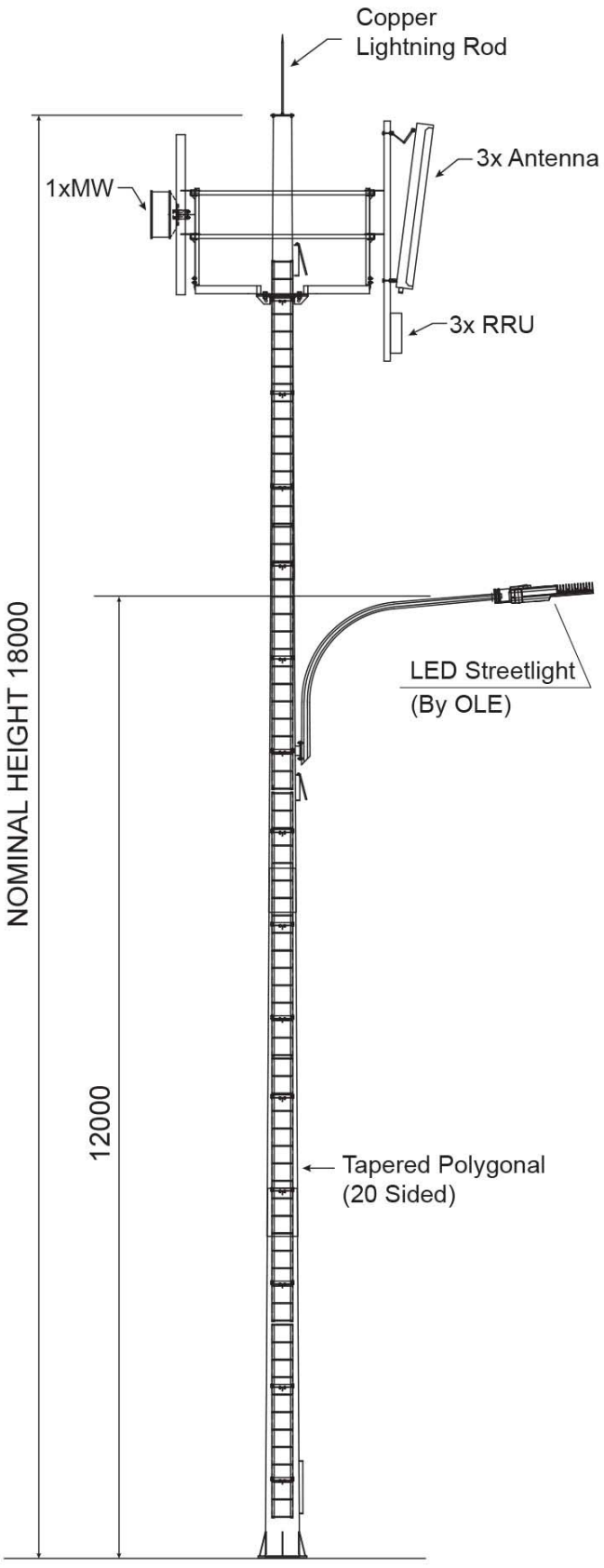
➤ Kepala Batas, Pulau Pinang, Malaysia

Application

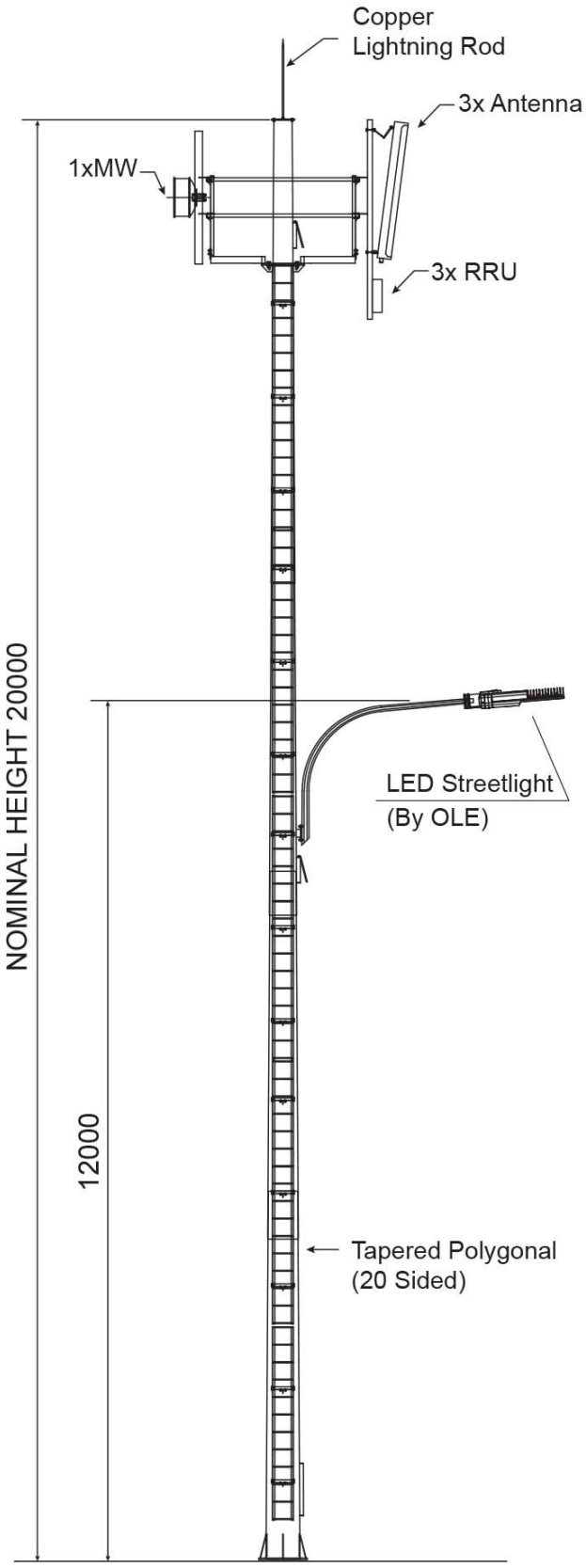
A space-efficient vertical structure designed for mounting telecommunication equipment such as 4G/5G antennas, microwave dishes, and IoT devices.
Ideal for deployment in urban areas, industrial zones, highways, and remote locations, offering high structural integrity with minimal land footprint.



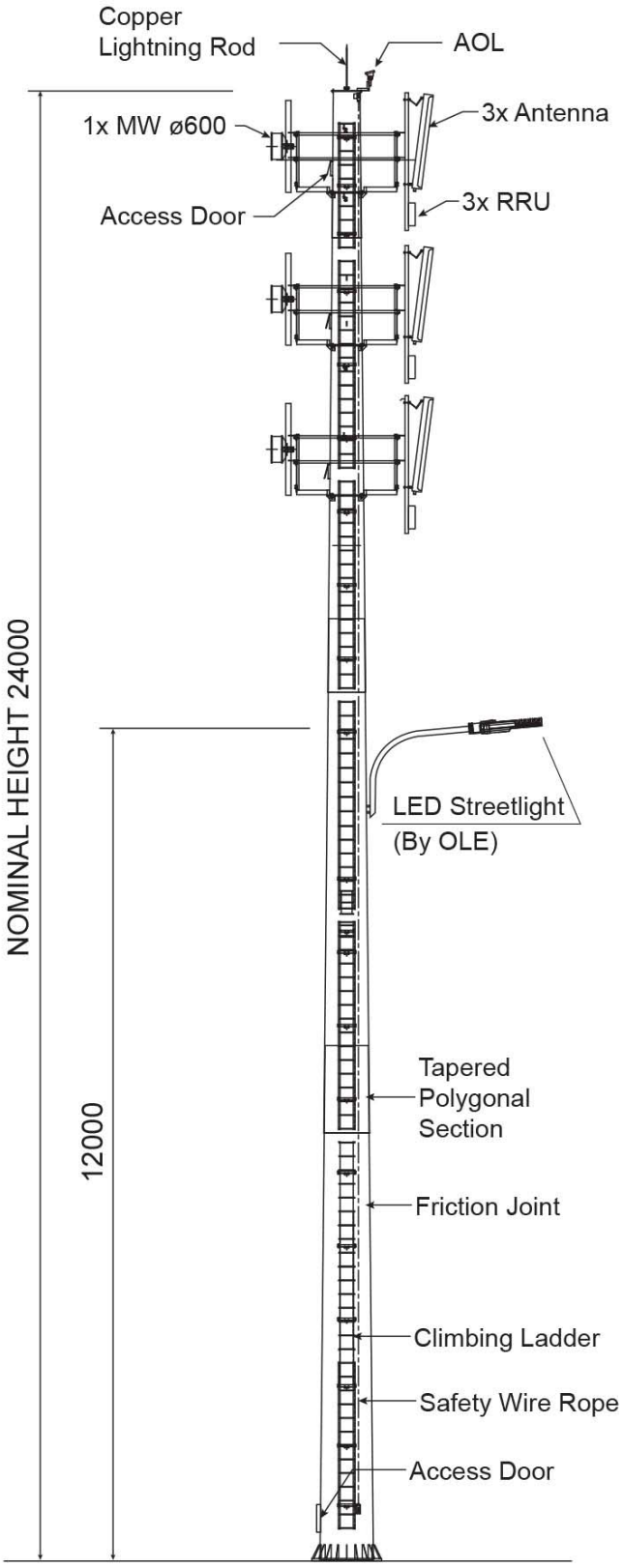
15M Monopole 1 Station



18M Monopole 1 Station



20M Monopole 1 Station



24M Monopole 3 Station

TELECOMMUNICATION POLE

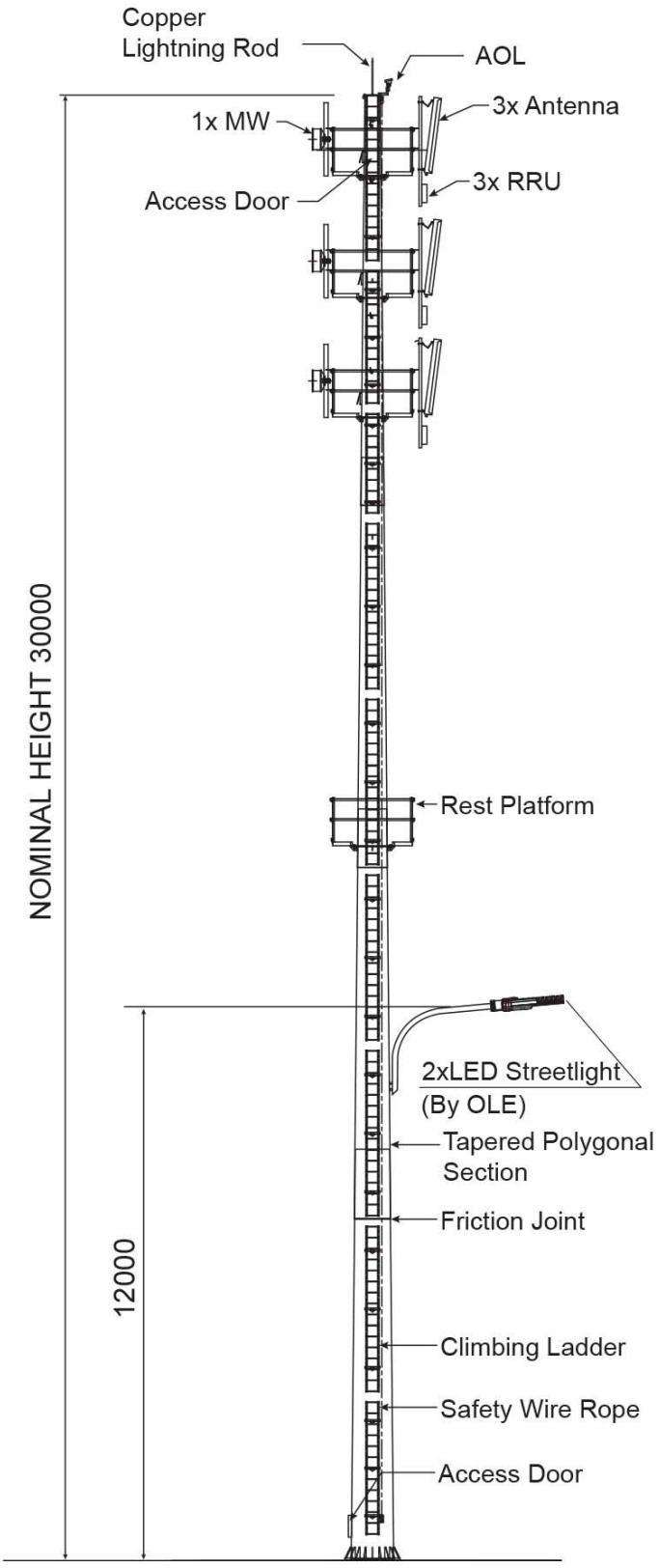
Monopole I Antenna Pole I Climbing Rung with Rest Platform



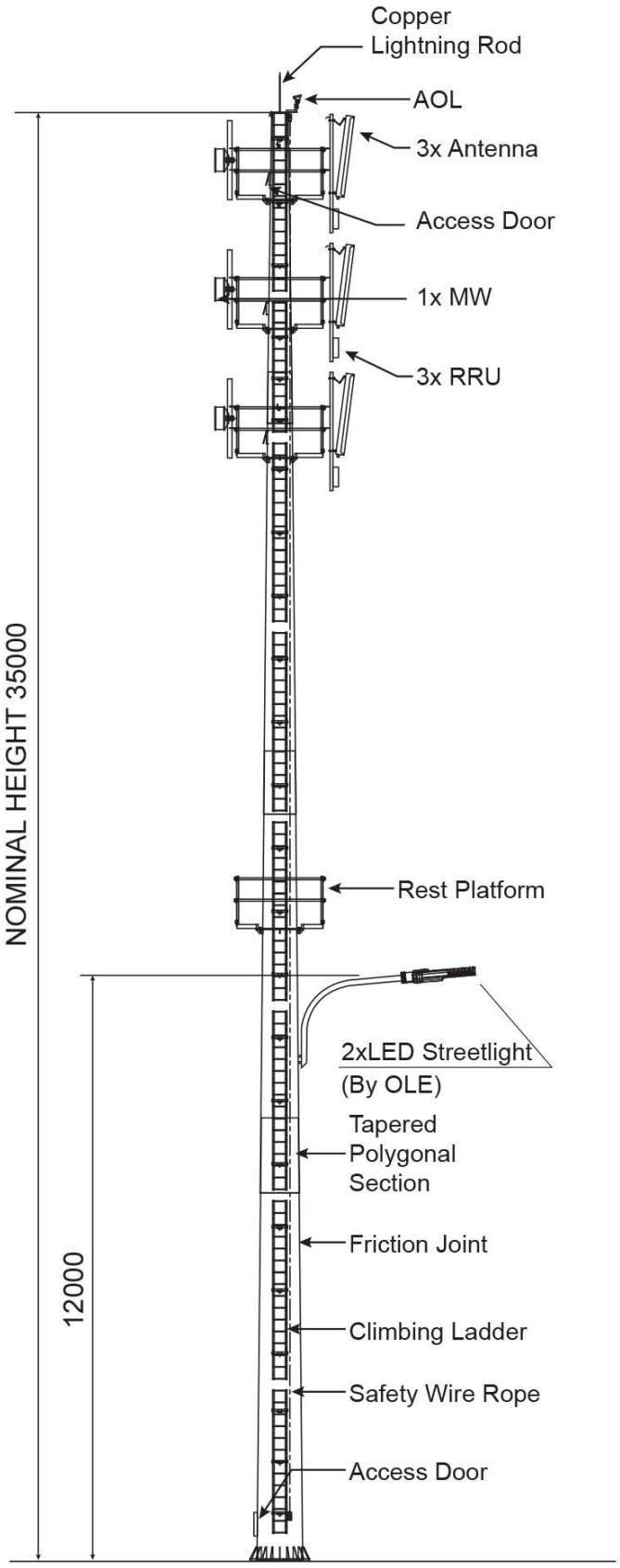
➤ Bukit Jana, Taiping, Perak

Application

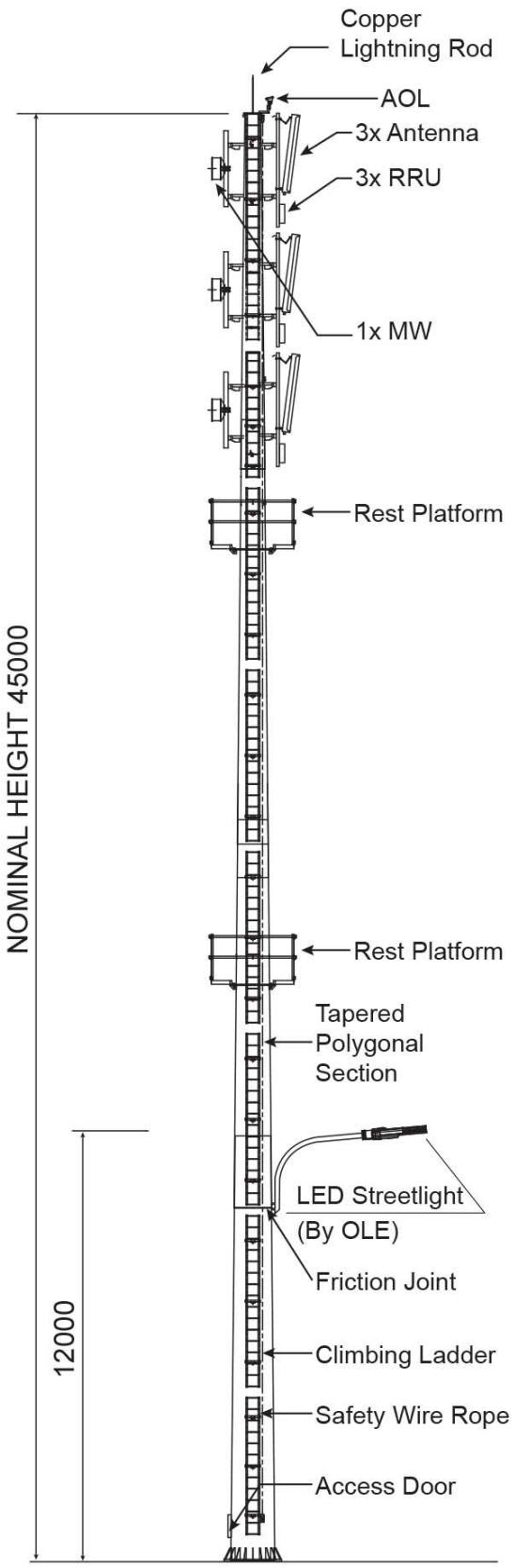
A high-strength monopole antenna pole designed for telecommunication and broadcasting applications, featuring climbing rungs with a rest platform to support safe and efficient maintenance access. Suitable for deployment in urban zones, rural areas, and remote sites, this structure is ideal for mounting 4G/5G antennas, microwave dishes, and other telecom equipment, where secure vertical access is essential.



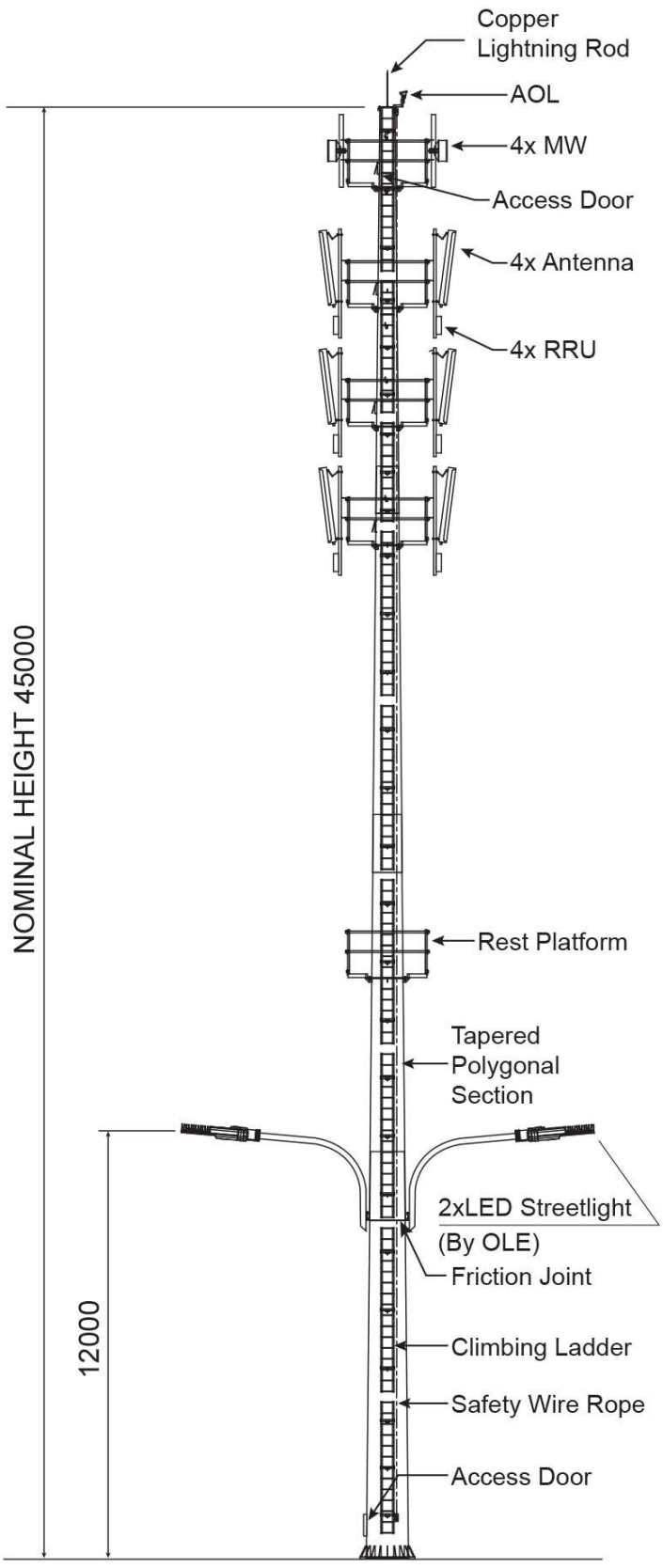
30M Monopole 3 Station



35M Monopole 3 Station



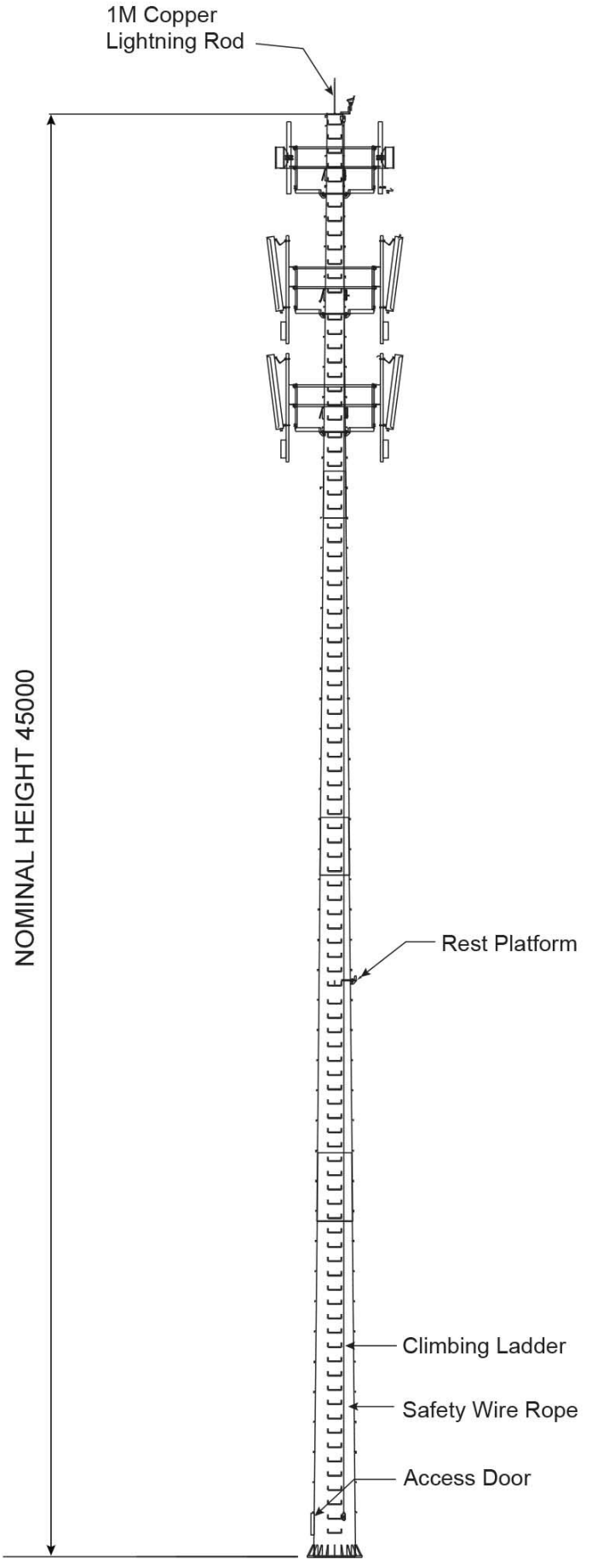
45M Monopole 3 Station

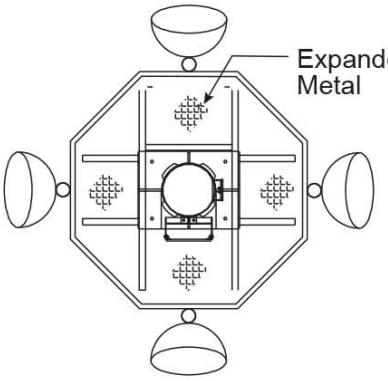


45M Monopole 4 Station

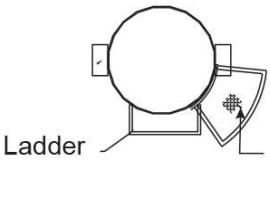
TELECOMMUNICATION POLE

Monopole I Antenna Pole I Climbing Rung with Rest Platform





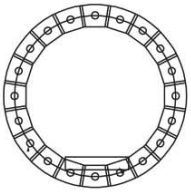
TYP Mounting Orientation
M.W



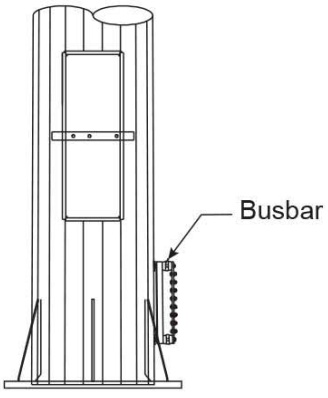
Rest Platform



Anchor Bolt



Base Flange Stiffened
with Gussets



Access Door

TELECOMMUNICATION POLE

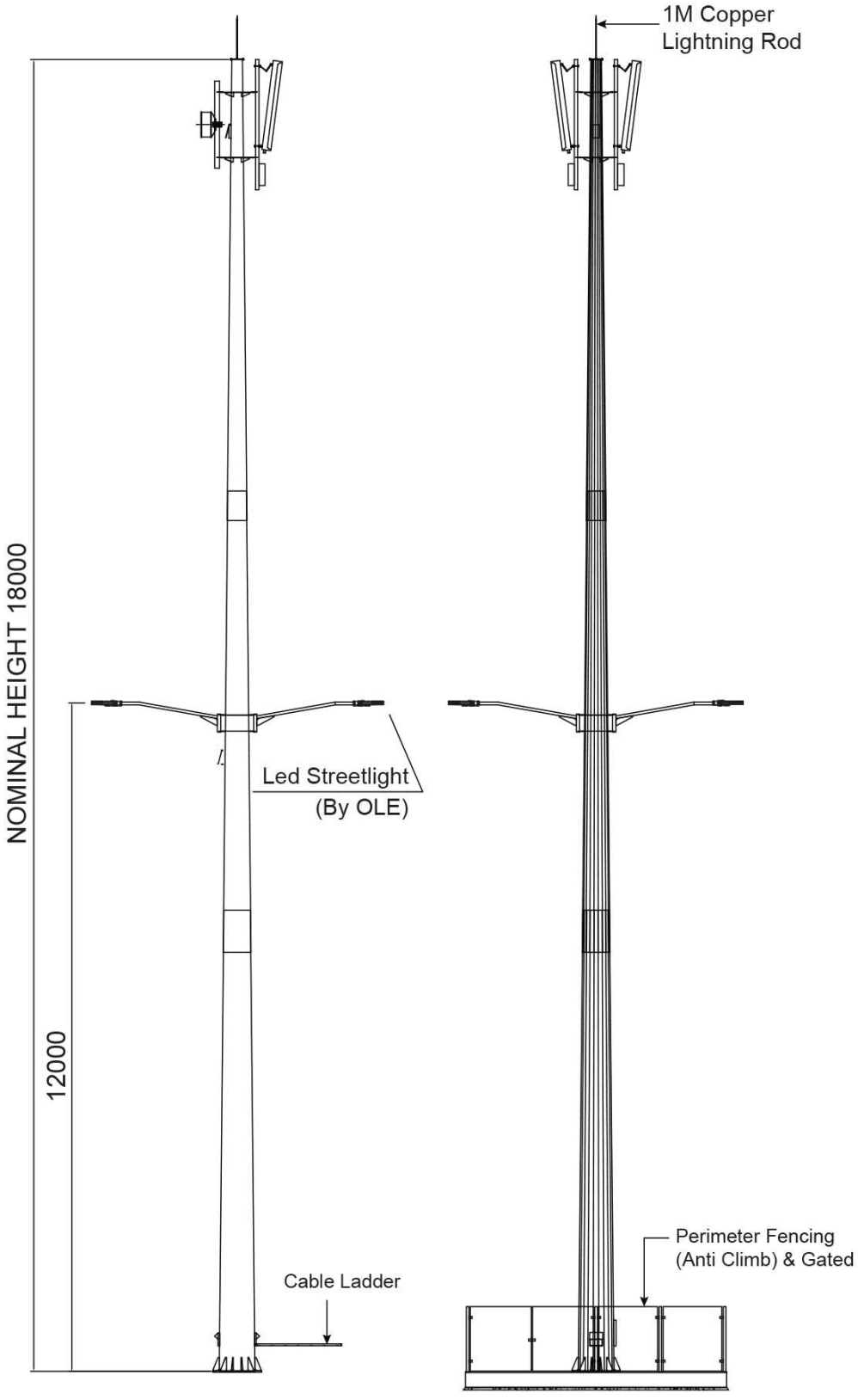
Monopole I Rapid Deployment Structure (RDS)



➤ Taman Desa, Kuala Lumpur

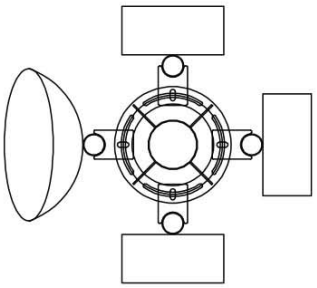
Application

Supports 4G/5G antennas, microwave equipment, Wi-Fi/IoT devices, and smart surveillance systems. Ideal for urban, rural, rooftop, highway, and temporary deployment sites.

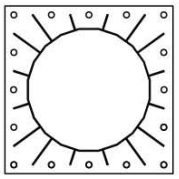


Front View

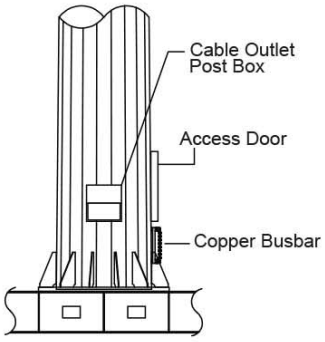
Side View



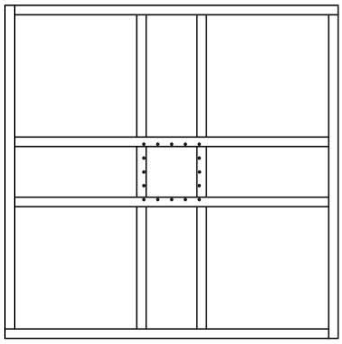
Antenna MW.Dish Arrangement



Base Flange Stiffened
with Gussets

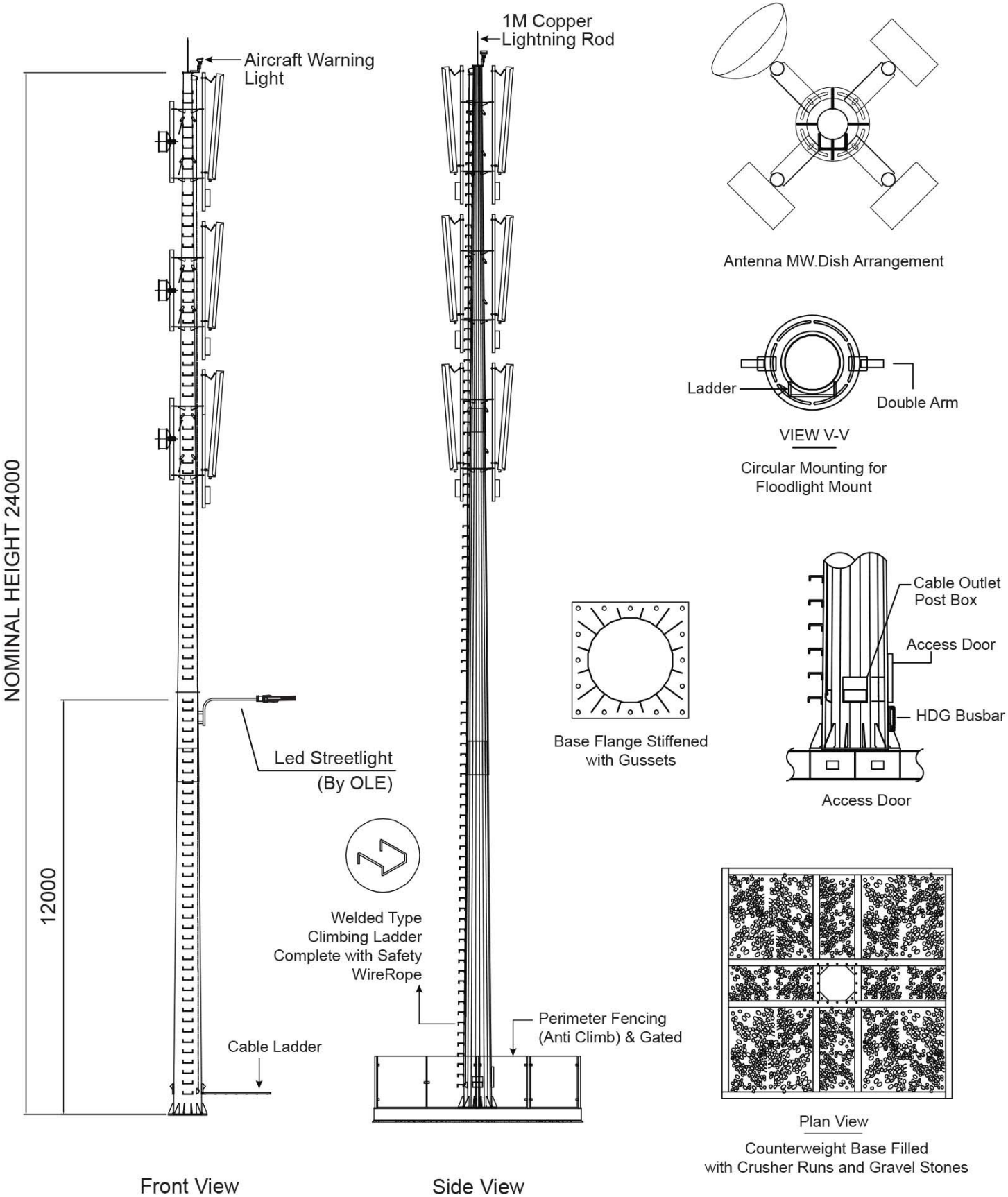


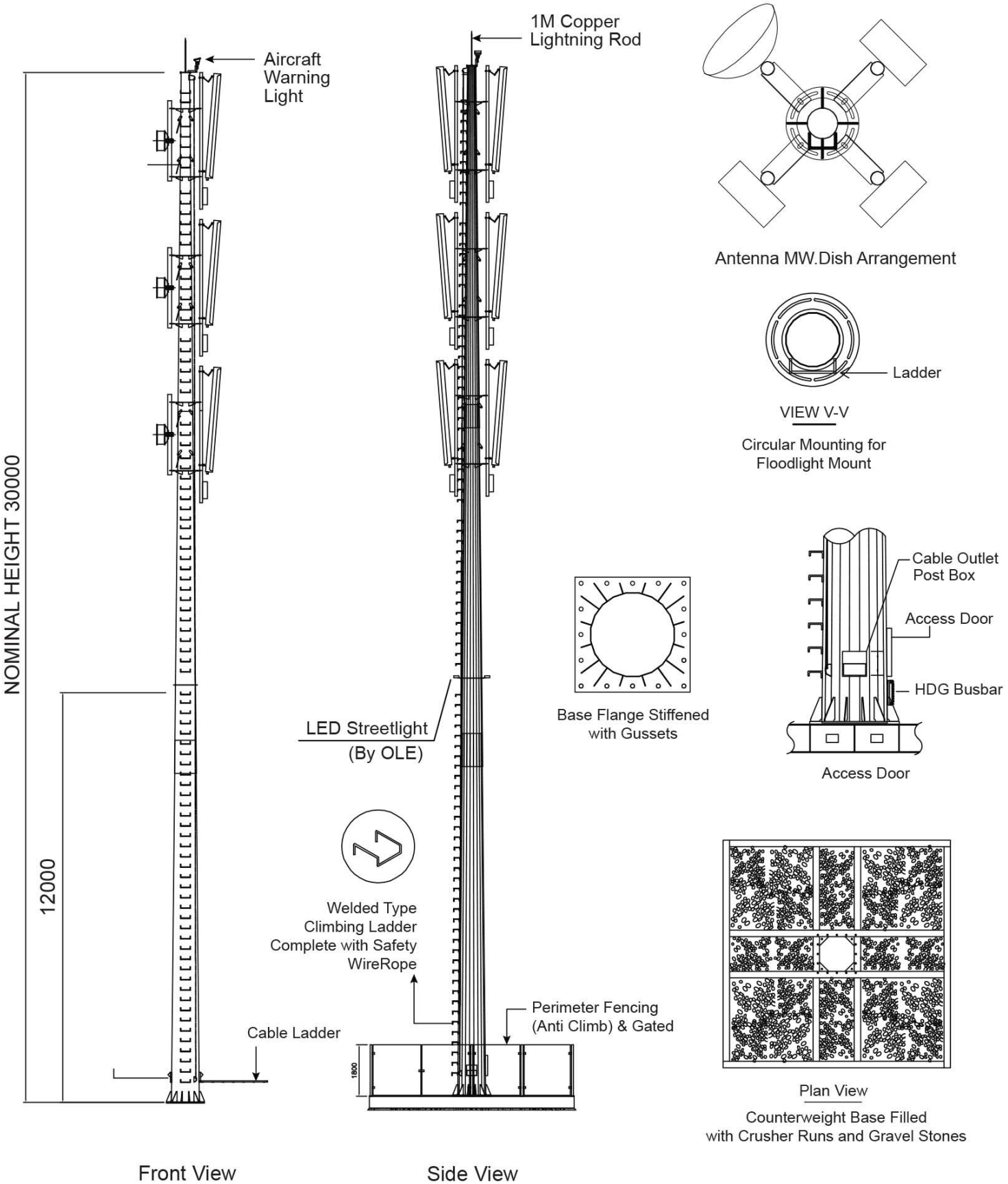
Access Door



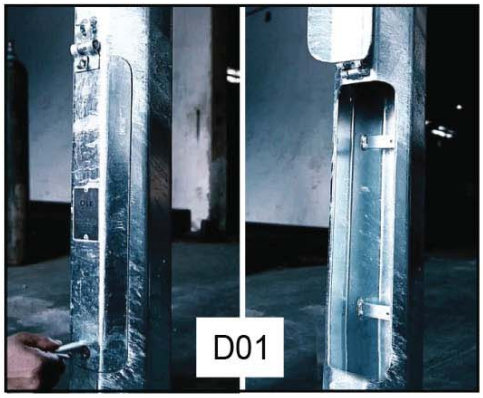
Counterweight Base Filled
with Crusher Runs and Gravel Stones

Plan View

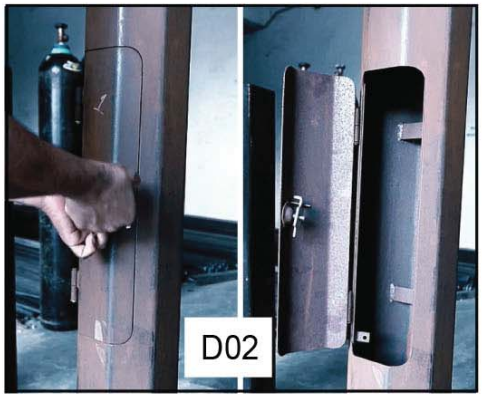

NOMINAL HEIGHT 24000
12000
Aircraft Warning Light
1M Copper Lightning Rod
Led Streetlight (By OLE)
Welded Type Climbing Ladder Complete with Safety WireRope
Cable Ladder
Perimeter Fencing (Anti Climb) & Gated
Front View
Side View
Antenna MW.Dish Arrangement
Ladder
Double Arm
VIEW V-V
Circular Mounting for Floodlight Mount
Base Flange Stiffened with Gussets
Cable Outlet Post Box
Access Door
HDG Busbar
Access Door
Plan View
Counterweight Base Filled with Crusher Runs and Gravel Stones


NOMINAL HEIGHT 30000
12000
Aircraft Warning Light
1M Copper Lightning Rod
LED Streetlight (By OLE)
Welded Type Climbing Ladder Complete with Safety WireRope
Cable Ladder
Perimeter Fencing (Anti Climb) & Gated
1800
Front View
Side View
Antenna MW.Dish Arrangement
Ladder
VIEW V-V
Circular Mounting for Floodlight Mount
Base Flange Stiffened with Gussets
Cable Outlet Post Box
Access Door
HDG Busbar
Access Door
Plan View
Counterweight Base Filled with Crusher Runs and Gravel Stones

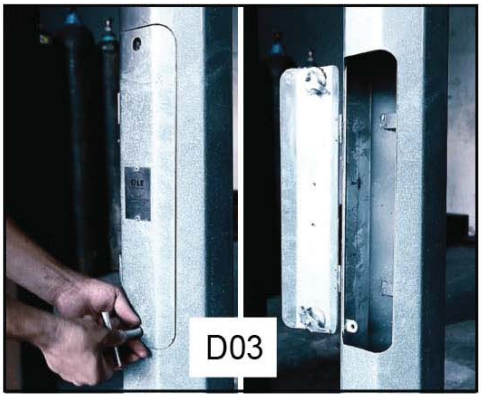
Single Service Door



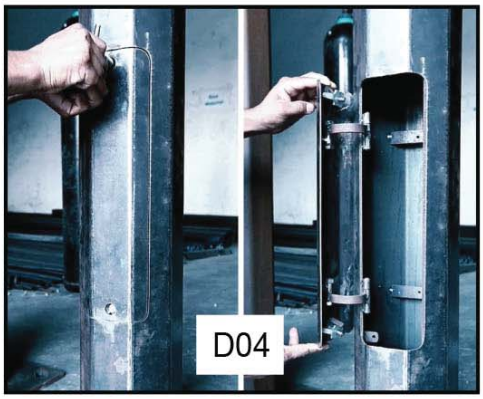
Top Pivot Hinge c/w
Single Locking System



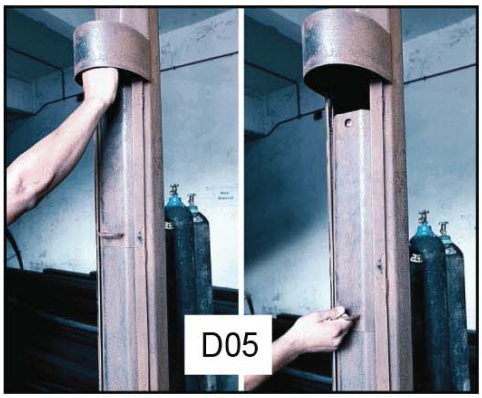
Mid Barrel Hinge c/w
Single Locking System



Mid Barrel Hinge c/w
Double Locking System



Mid Flush Hinge c/w
Double Locking System

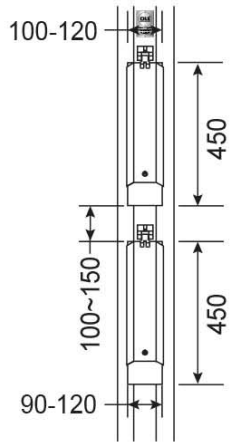
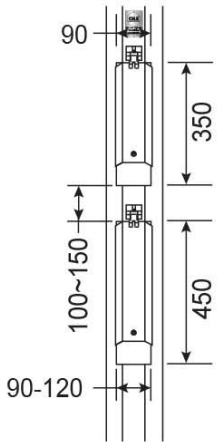
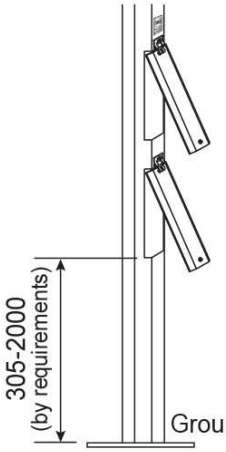


Sliding Service Door
c/w Locking Guard
& Handle



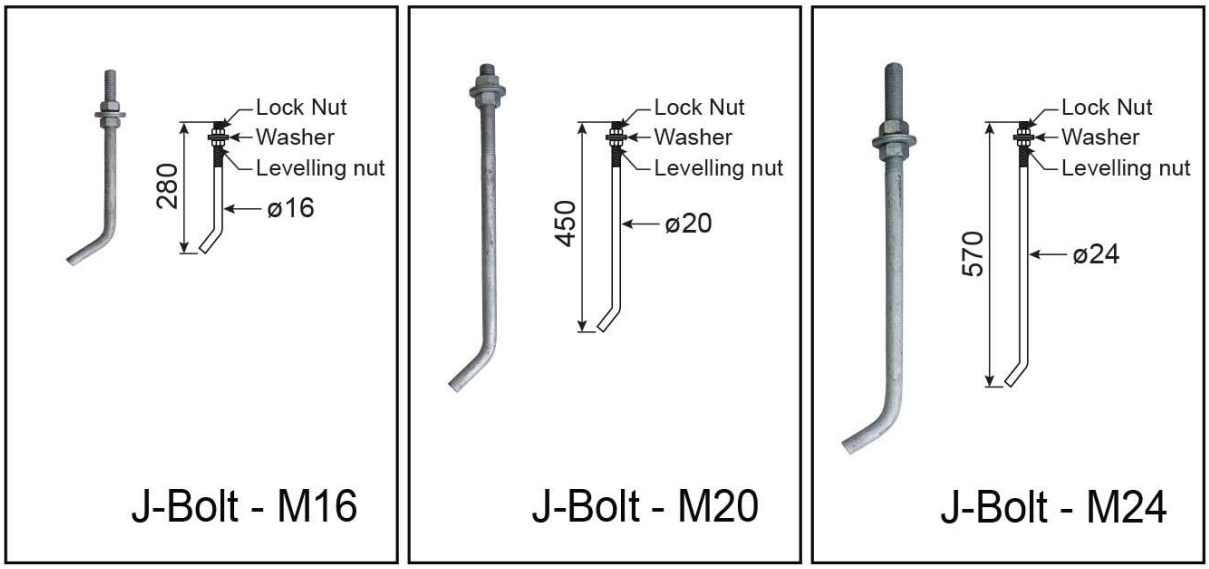
Sliding Service Door
c/w Special Locking
System

Twins Service Doors

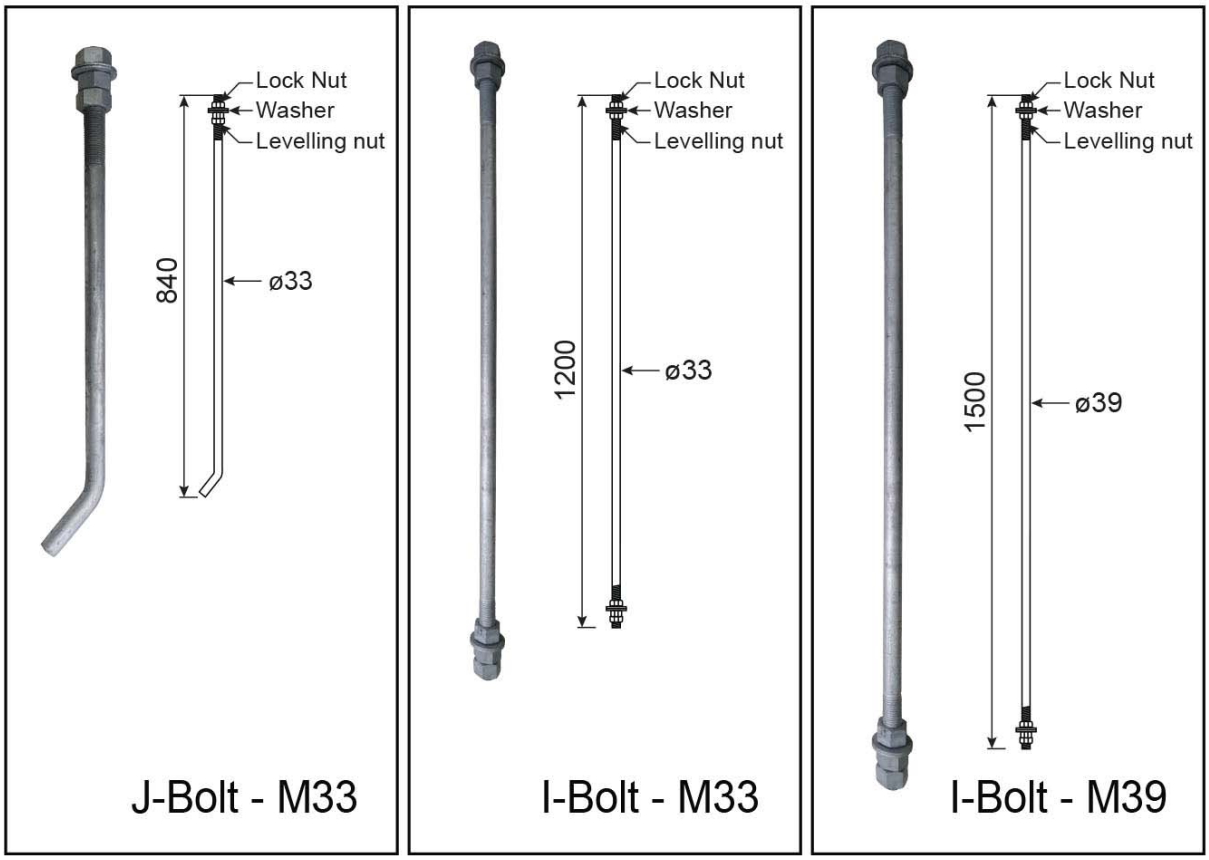
Service Door Type 1	Service Door Type 2	Service Door (Side view)
		

The dimension and height of service doors vary based on the specific design and overall pole height requirements. Custom configurations can be provided upon request.

A foundation anchoring system suitable for amenity lighting poles, octagonal poles, decorative poles, and other flange-mounted structures.
Provides secure and stable installation to concrete foundations. Dimensions and specifications are determined based on the pole design and load requirements.



Applicable for heavy-duty poles such as highmast, monopoles/telecommunication poles, and other large flange-mounted structures.
Designed to provide secure anchoring to concrete foundations, with specifications tailored to pole design and load requirements.



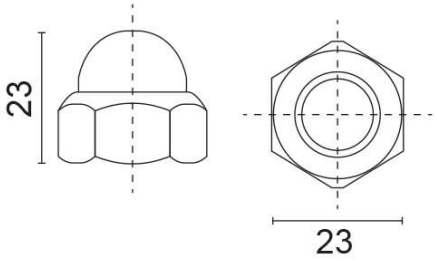
A protective fastener used to cover exposed bolt threads, enhancing safety, durability, and visual appearance in pole installations. The cap nut helps prevent thread damage, reduces the risk of injury, and offers a neat, finished look to exposed joints.

Application

Applicable for amenity lighting poles, octagonal poles, decorative poles, and other structures requiring secure and finished bolt connections.

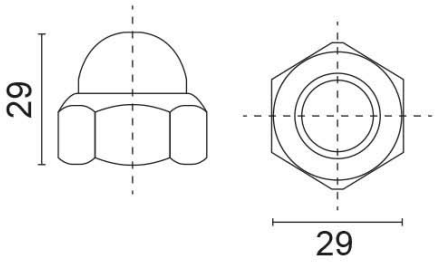
OLE Domed Cap Nuts - M16





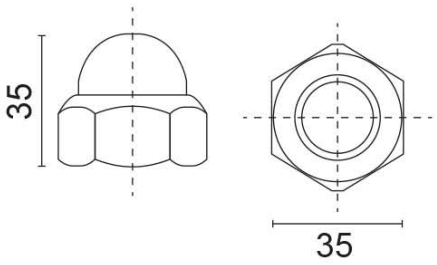
OLE Domed Cap Nuts - M20

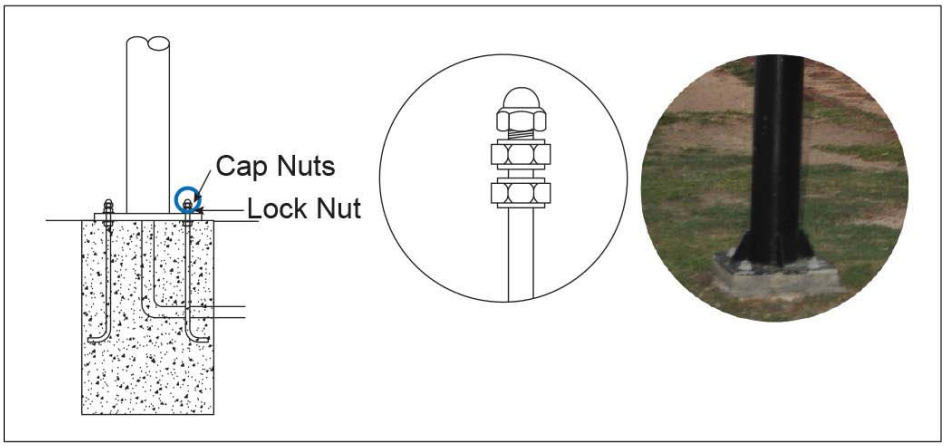




OLE Domed Cap Nuts - M24









Highmast Pole Stadium
Sultan Sulaiman, Klang, Selangor



Highmast Pole
Tanjung Sepat, Selangor



FlagPole
Klang, Selangor



Floodlight Octagonal Pole
Parking Padang Astaka, Selangor



Floodlight Octagonal Pole
Tennis Court, Kuala Lumpur



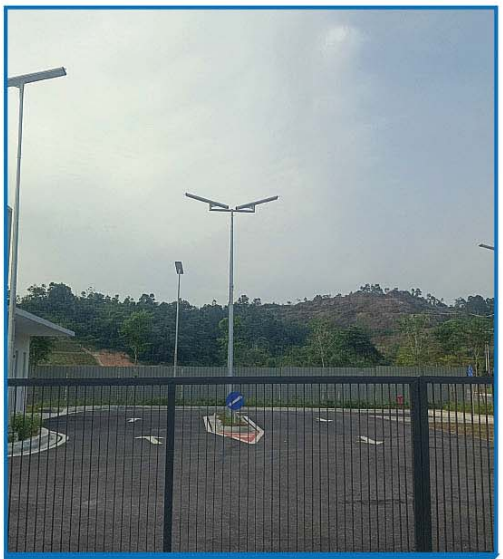
Floodlight Mid-Hinged Pole
Stadium MPKJ, Bandar Baru Bangi, Selangor



Street Lighting Mid-Hinged
Shah Alam, Selangor



Solar Street Lighting Mid-Hinged
Johor



Solar Street Lighting Mid-Hinged
Kota Emerald, Selangor



Solar Octagonal Pole
Banting, Selangor



Solar Octagonal Pole
Kota Emerald, Selangor



Solar Octagonal Pole
Masjid Tanah, Melaka



Solar Octagonal Pole
Jalan Parit Raja Darat, Johor



Solar Octagonal Pole
Sg. Karas, Labis, Johor



Solar Octagonal Pole
Cheras, Selangor



Octagonal Pole
WP27 - Pan Borneo Highway, Sabah



Octagonal Pole
The Henge, Kepong, Kuala Lumpur



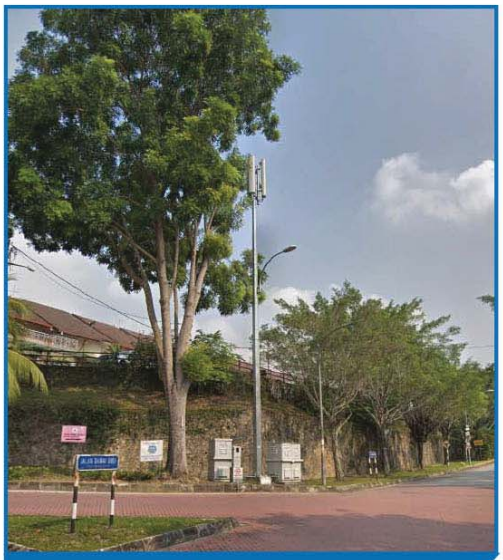
Octagonal Pole
Majestic Sanctuary, Rawang, Selangor



Monopole
Taman Melati, Taiping, Perak



Monopole
Pengkalan Hulu, Perak



Monopole
Jalan Damai Budi, Kuala Lumpur



Monopole
Seri Kembangan, Selangor



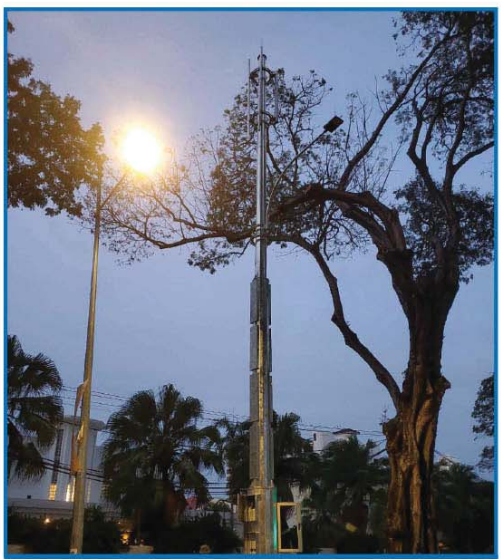
Smart Pole I Monopole
Taman Kepong, Kuala Lumpur



Smart Pole I Monopole
Kuchai Entrepreneurs Park, Kuala Lumpur



Smart Pole I Monopole
Persiaran Gurney, Pulau Pinang



Smart Pole I Monopole
Jalan Kelawai, George Town, Pulau Pinang



Smart Pole I Monopole
Cyberjaya, Selangor

SINCE 1993

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