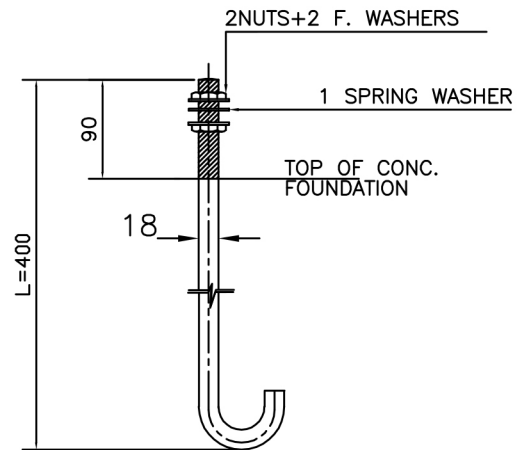
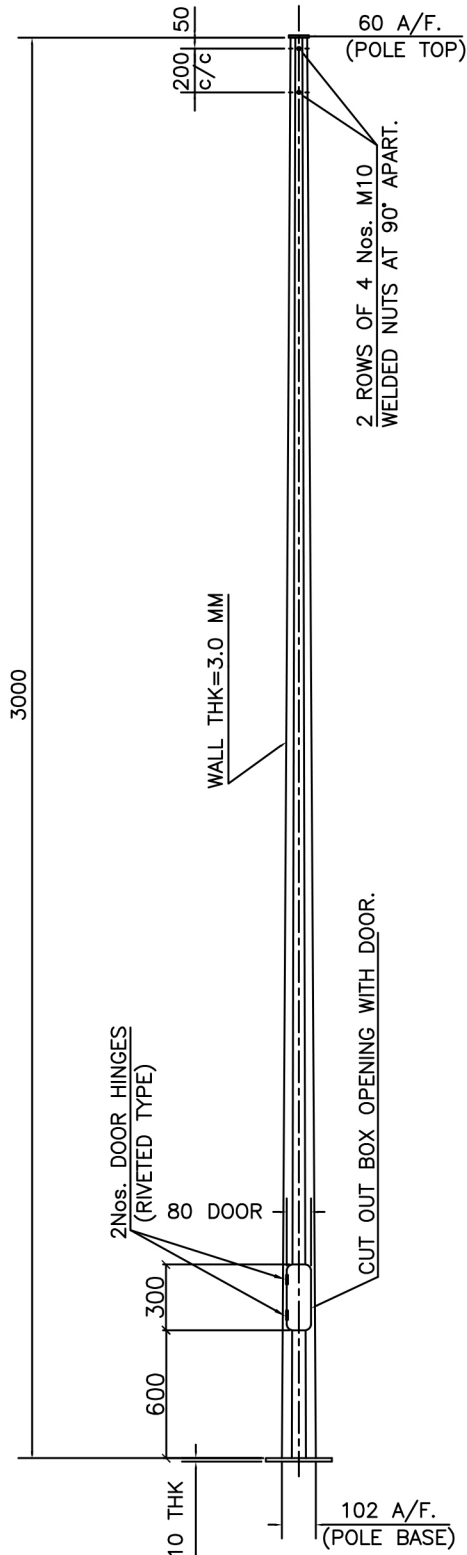
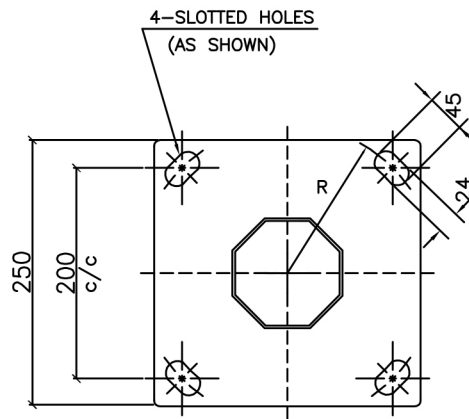




J-18x400
ANCHOR BOLT J-TYPE



BASE PLATE DETAIL
SIZE: 250x250x10 THK.

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON

TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W



CLIENT:

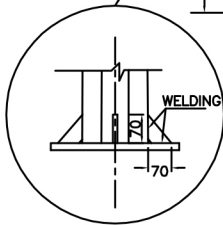
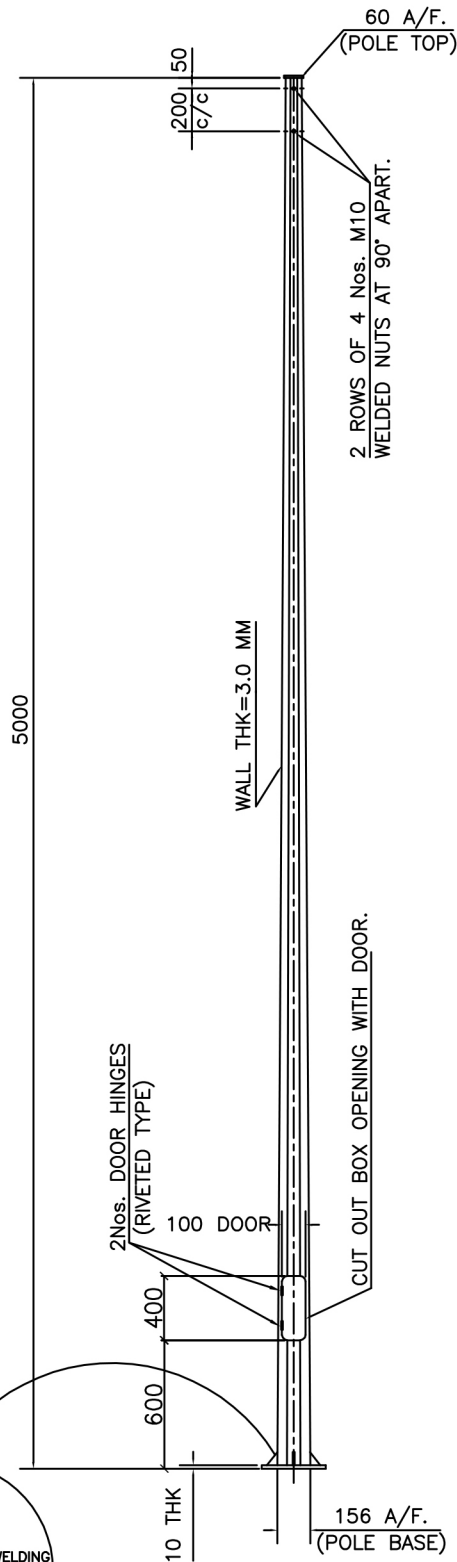
SPECIFICATION:

TITLE: H.D.G. 3.0 M OCTAGONAL STEEL LIGHTING POLE

CADD: WASEEM DATE: 25/10/2021
CHD: A.DARWISH APPRD.

DWG. No.: LP3M008
PRODUCT CODE: 250000000000 REV.- 00

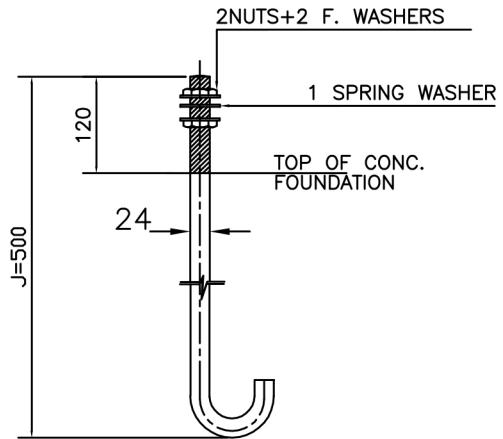
DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W



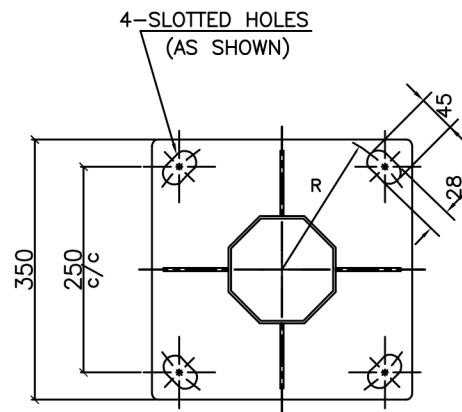
STIFFNER'S DETAILS

TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W



J-24x500
ANCHOR BOLT L-TYPE



BASE PLATE DETAIL
SIZE: 350x350x10 THK.
4 STIFFNER; SIZE: 70x70x10 THK.

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON



CLIENT:

SPECIFICATION:

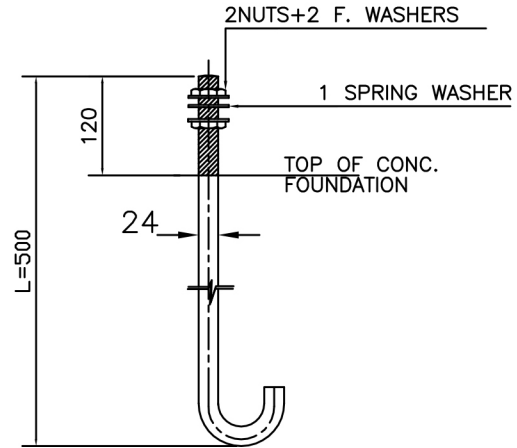
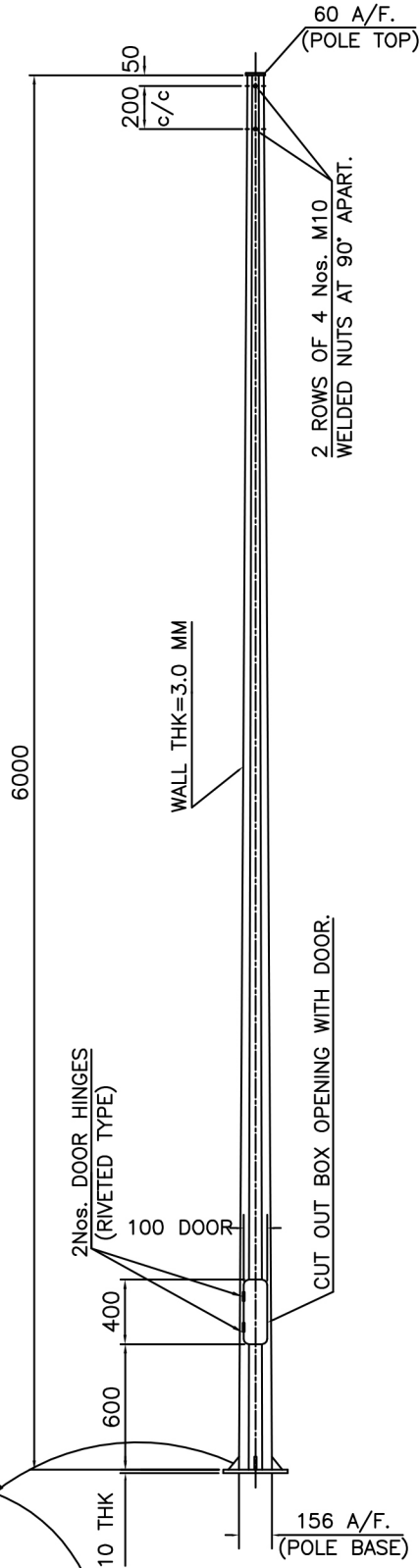
TITLE: H.D.G. 5.0 M OCTAGONAL
STEEL LIGHTING POLE

CADD: WASEEM DATE: 25/10/2021

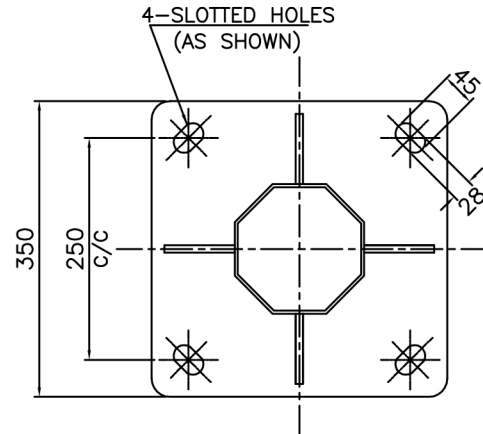
CHD: A. DARWISH APRD:

DWG. No.: LP5M007
PRODUCT CODE: 250000000002

REV: 00



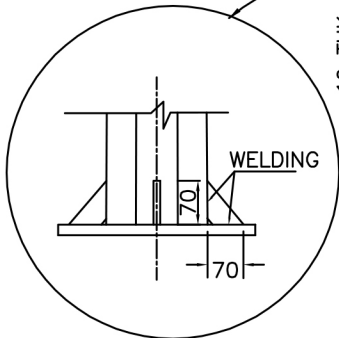
M24x500
ANCHOR BOLT J-TYPE



BASE PLATE DETAIL
SIZE: 350x350x10 THK.
4 STIFFNER; SIZE: 70x70x10 THK.

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	85 MICRON AVRG. COATING

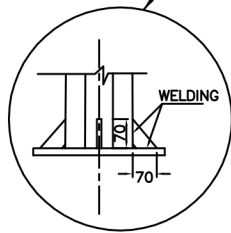
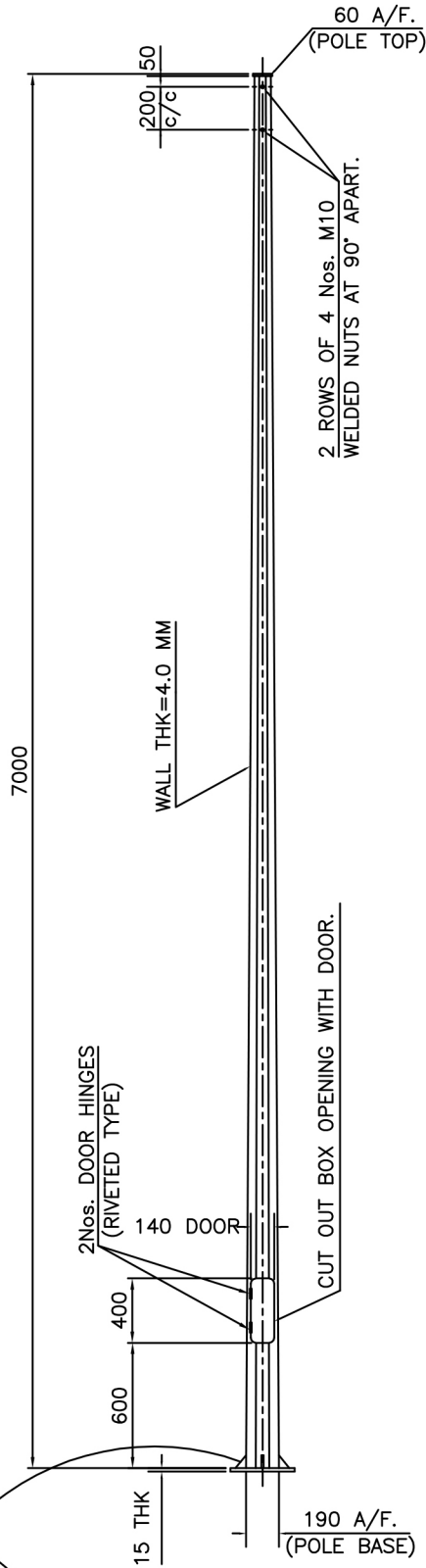


STIFFNER'S DETAILS

TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W

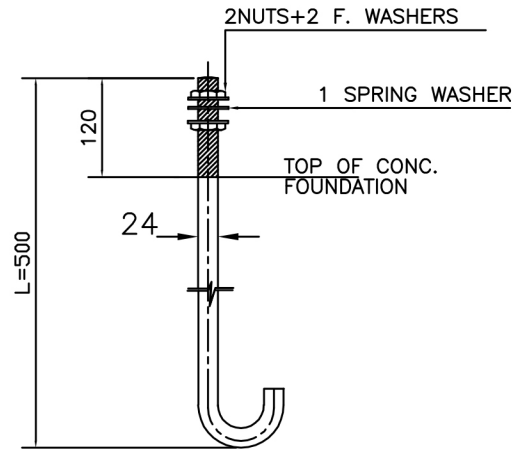
 Tel : 009 66 501 336 818 Head Office: Jeddah, Aziz 2985 22554 - Baitouya street Office Number 200	
CLIENT:	
SPECIFICATION:	
TITLE: H.D.G. 6.0 M OCTAGONAL STEEL LIGHTING POLE	
CADD: WASEEM	DATE: 25/10/2021
CHD: A. DARWISH	APPRD:
DWG. No.: LP6M004	REV: 00
PRODUCT CODE: 2500000003	



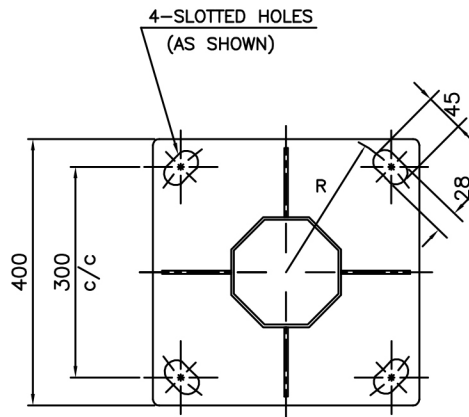
STIFFNER'S DETAILS

TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W



J-24x500
ANCHOR BOLT J-TYPE



BASE PLATE DETAIL
SIZE: 400x400x15 THK.
4 STIFFNER; SIZE: 70x70x10 THK.

MATERIALS:

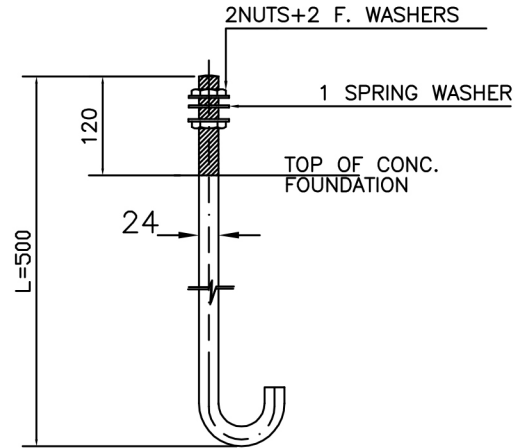
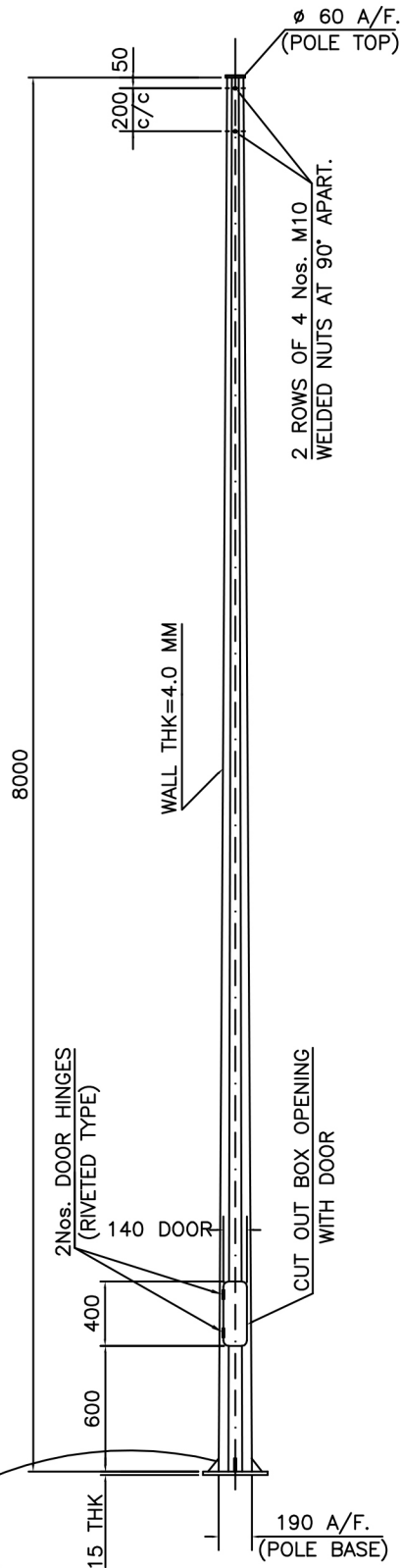
ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HGD TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON



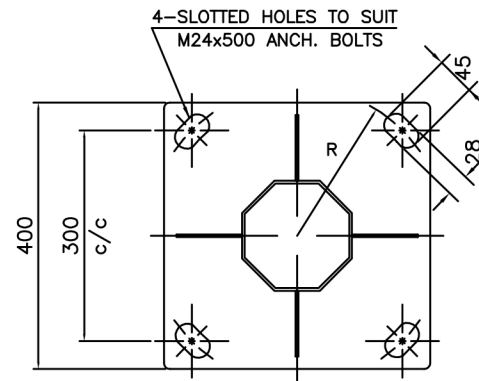
Tel : 009 66 501 336 818

Head Office: Jeddah, P.O. Box 228 22333, Salimiyah street
(Opp. Al-Farooq Hotel) Jeddah Building
Office Number 208

CLIENT:	
SPECIFICATION:	
TITLE: H.D.G. 7.0 M OCTAGONAL STEEL LIGHTING POLE	
CADD: WASEEM	DATE: 25/10/2021
CHKD: A. DARWISH	APPRD.
DWG. No.: LP7M005	REV: -00
PRODUCT CODE: 250000000004	



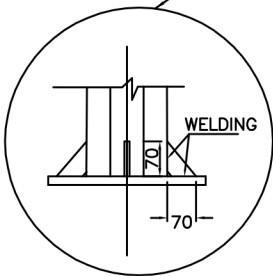
J-24x500
ANCHOR BOLT J-TYPE



BASE PLATE DETAIL
SIZE: 400x400x15 THK.
4 STIFFNER; SIZE: 70x70x10 THK.

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON

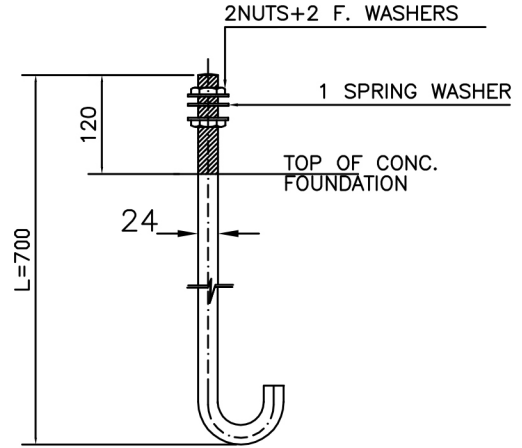
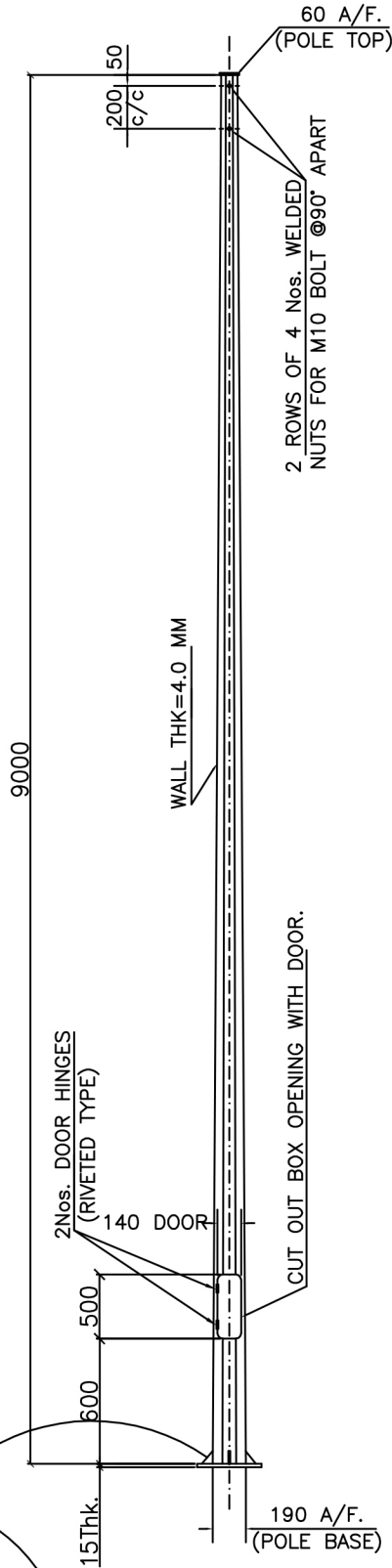


STIFFNER'S DETAILS

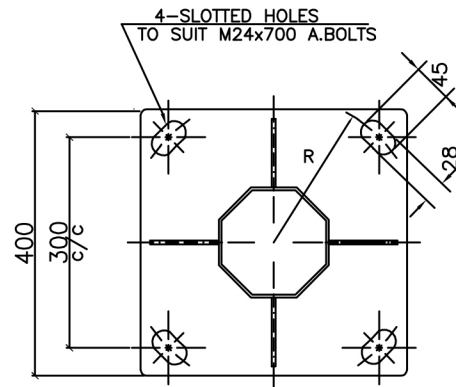
TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W

 Tel : 009 66 501 336 818 Head-Office: Jeddah, Ar-Raila 2008 20334 - Safatya Street Ghorab, Ar-Raila 2008 20334 - Safatya Street Office Number 208	
CLIENT:	
SPECIFICATION:	
TITLE: H.D.G. 8.0 M OCTAGONAL STEEL LIGHTING POLE	
CADD: WASEEM	DATE: 25/10/2021
CHD: A. DARWISH	APRD:
DWG. No.: LP8M006	REV: -00
PRODUCT CODE: 250000000005	



J-24x700
ANCHOR BOLT J-TYPE



BASE PLATE DETAIL

SIZE: 400x400x15 THK.
4STIFFNER, SIZE: 70x70x10 THK.

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON



CLIENT:

SPECIFICATION:

TITLE: H.D.G. 9.0 M OCTAGONAL STEEL LIGHTING POLE

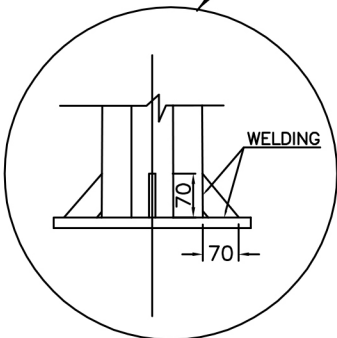
CADD: WASEEM DATE: 25/10/2021
CHD: A. DARWISH APPR.

DWG. No.: LP9M010
PRODUCT CODE: REV-00

TOLERANCES: LIGHTING POLES

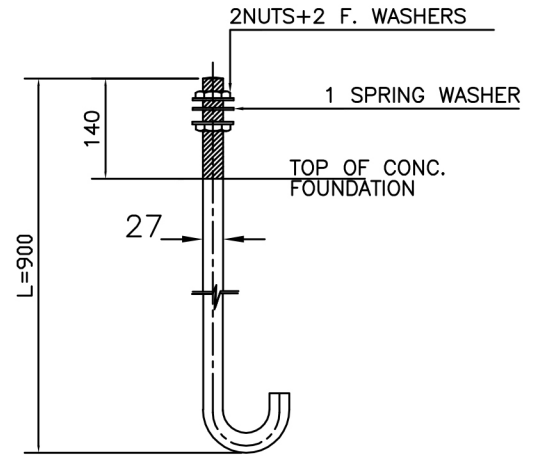
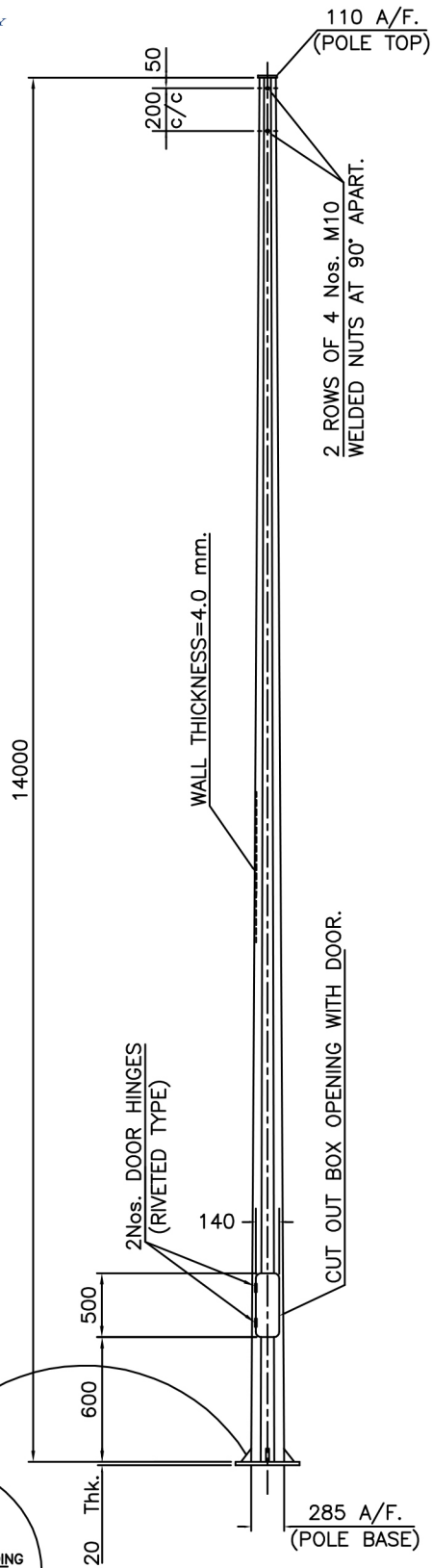
DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W

STIFFNER'S DETAILS

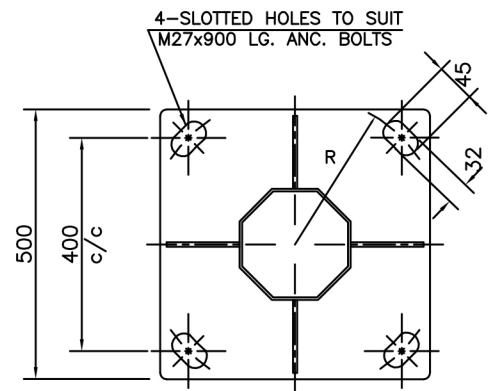


 M GROUP INDUSTRY	
	Tel : 009 66 501 336 818
Head-Office: Jeddah, Aljiza 2386 2338 - Baladya street (Gharb Saudi Arabia) Aved building Office number 208	
PROJ./CLIENT	
SPECIFICATION:	
TITLE: H.D.G. 10.0 M OCTAGONAL STEEL LIGHTING POLE	
CADD: WASEEM	DATE: 25/10/2021
CHD: A. DARWISH	APRD:
DWG. No.: LP10M001	REV. - 00
PRODUCT CODE: 250000000007	

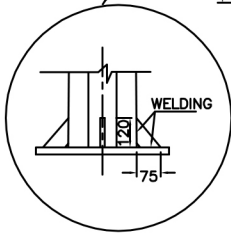
 M GROUP INDUSTRY		
 Tel : 009 66 501 336 818 Head-Office: Jeddah, Arabia 2222, 2333, Mahedyeh street (Gulfair electric market) Across Building Office number 206		
CLIENT / PROJ:		
SPEC.:		
TITLE: H.D.G.12.0 M OCTAGONAL STEEL LIGHTING POLE		
CADD: WASEEM	DATE: 25/10/2021	
CHKD: A. DARWISH	APRD:	
DWG. No.: LP12M002	PRODUCT CODE: 250000000008	REV. -00



J-27x900
ANCHOR BOLT J-TYPE



BASE PLATE DETAIL
SIZE: 500x500x20 THK.
4STIFFNER, SIZE: 120x75x10 THK.



STIFFNER'S DETAILS

TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON



Tel : 009 66 501 336 818

Head-Office: Jeddah, Azila 2359, 2334, Baladya street

Office: Jeddah, Azila 2359, 2334, Baladya street

Office number 200

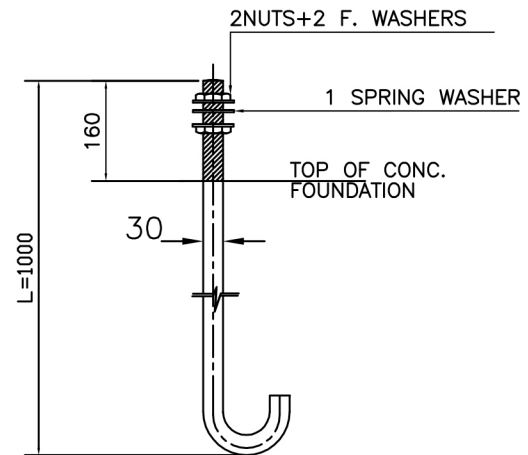
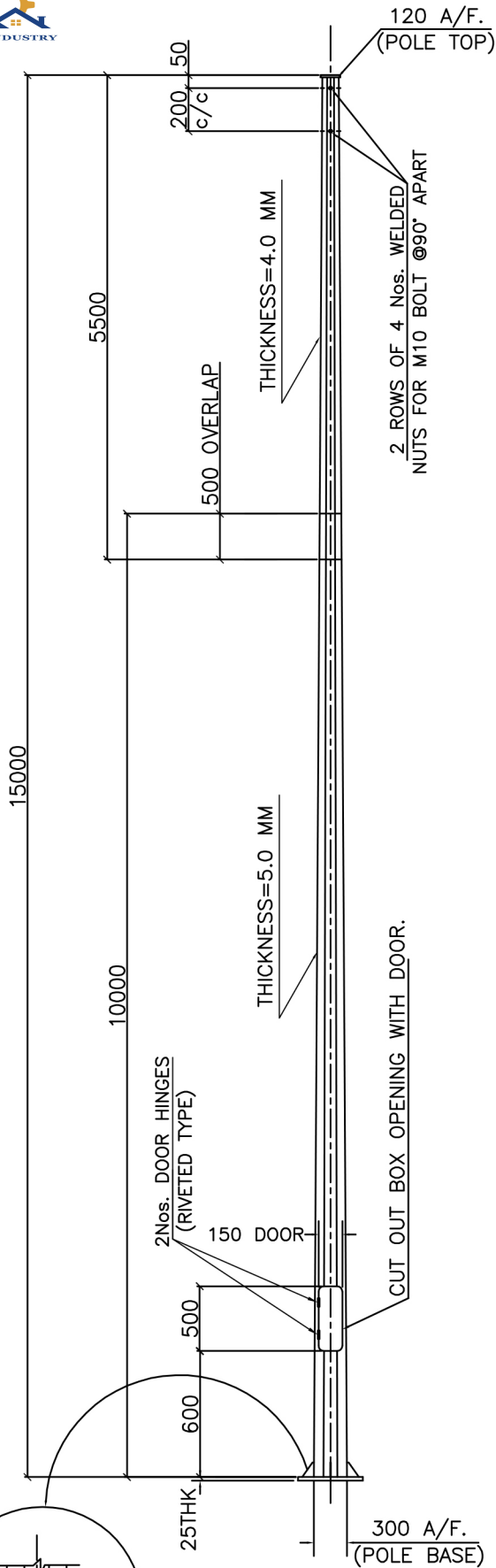
CLIENT:

SPECIFICATION:

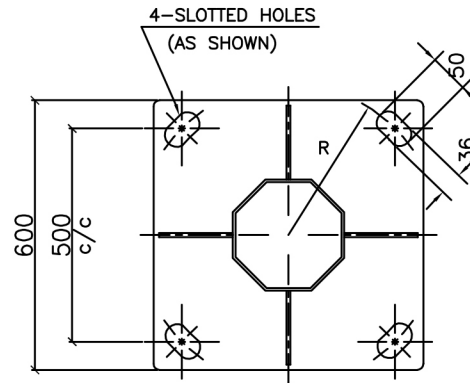
TITLE:
H.D.G.14.0 M OCTAGONAL
STEEL LIGHTING POLE

CADD: WASEEM DATE: 25/10/2021
CHD: A. DARWISH APRD:

DWG. No.: LP14M011
PRODUCT CODE: 25000000009 REV: -00



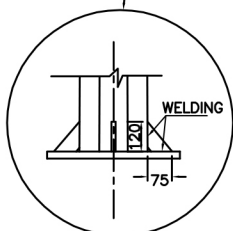
J-30x1000
ANCHOR BOLT J-TYPE



BASE PLATE DETAIL
SIZE: 600x600x25 THK.
4STIFFNERS, SIZE: 120x75x10 THK.

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON

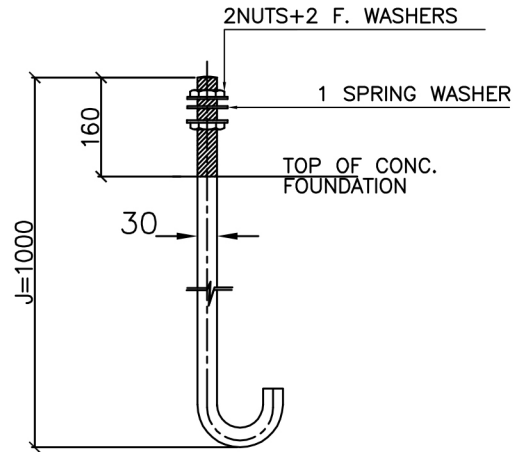
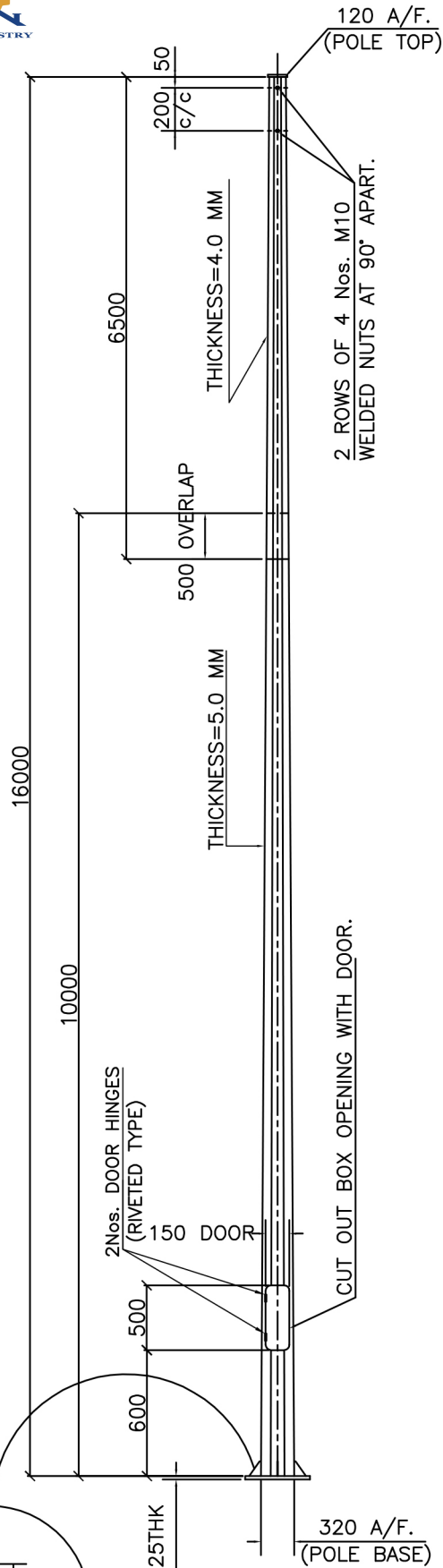


STIFFNER'S DETAILS

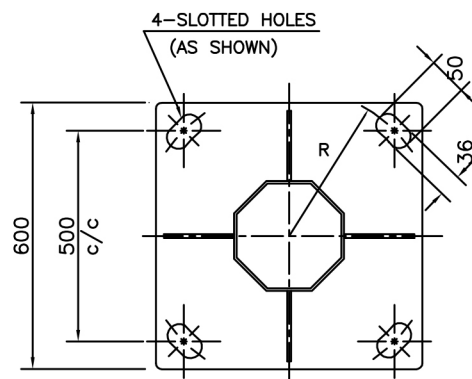
TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W

 Tel : 009 66 501 336 818 Head-Office: Jeddah, Aziza 2389 23334 - Baladya street (Opposite Al-Farooq Market) Aired building Office number 504	
CLIENT:	
SPECIFICATION:	
TITLE: H.D.G. 15.0 M OCTAGONAL STEEL LIGHTING POLE	
CADD: WASEEM	DATE: 25/10/2021
CHD: A.DARWISH	APRD.
DWG. No.: LP15M012	
PRODUCT CODE: 2500000000202	
REV. -00	



ANCHOR BOLT- J TYPE



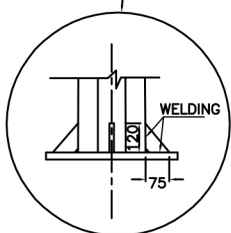
BASE PLATE DETAIL

SIZE: 600x600x25 THK.

4STIFFNERS, SIZE: 120x75x10 THK.

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON

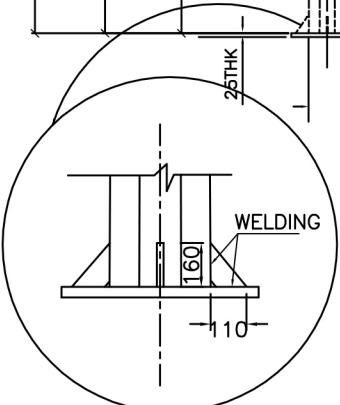
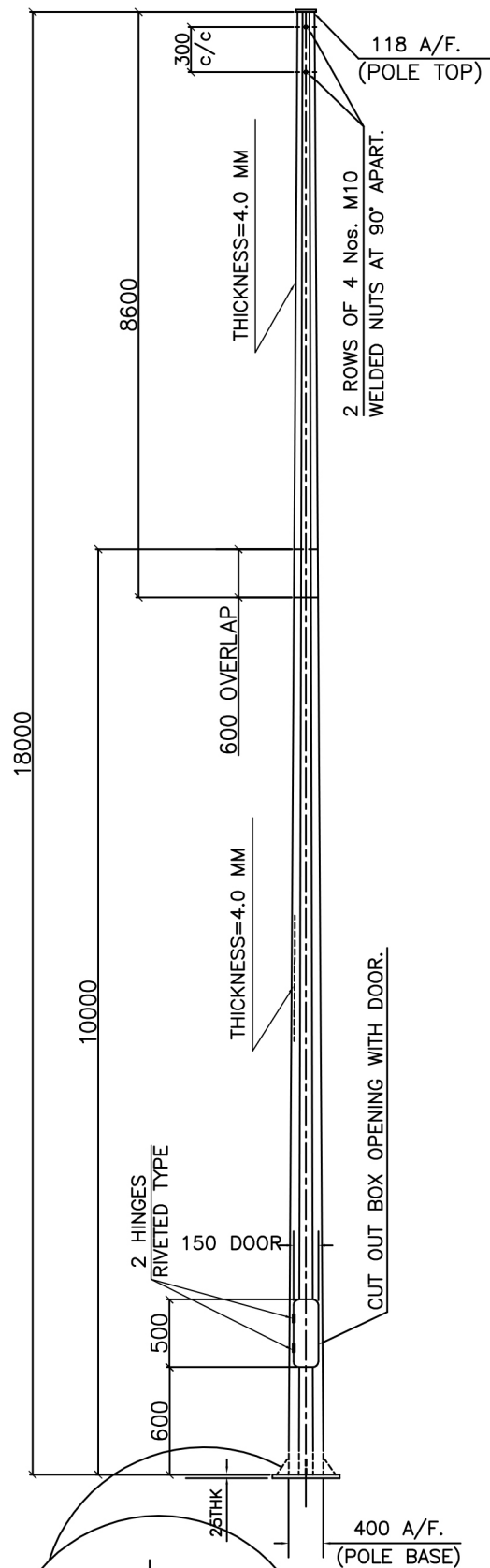


STIFFNER'S DETAILS

TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+ ±2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W

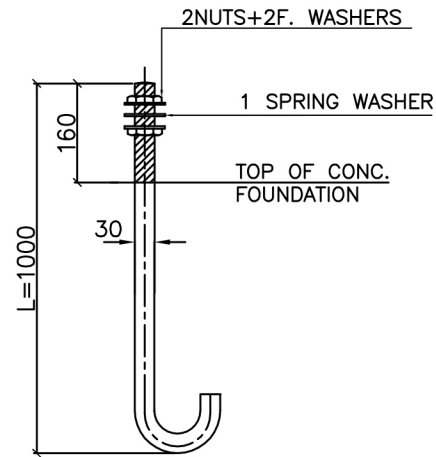
 Tel : 009 66 501 336 818 Head Office: Jeddah, P.O. Box 2332, Sarafat Street, Jeddah, Saudi Arabia. Branch Office: Riyadh, Saudi Arabia.	
CLIENT/PROJ:	
SPECIFICATION:	
TITLE: H.D.G.16.0 M OCTAGONAL STEEL LIGHTING POLE	
CADD: WASEEM	DATE: 25/10/2021
CHD: A.DARWISH	APRD.BY:
DWG. No.: LP16M003	REV-00
PRODUCT CODE: 25000000203	



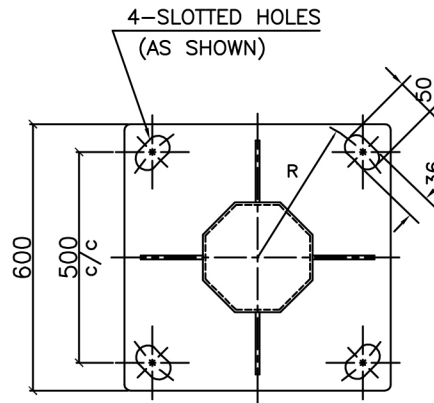
STIFFNER'S DETAILS

TOLERANCES: LIGHTING POLES

DIMENSIONS	ALL DIMENSIONS ARE IN MM.
LENGTH (SHAFT)	±0.5%
THICKNESS	+2.0%, - 1.0%
T. LENGTH C/W ARM BRKT.	±1%
DEFLECTION	≤ 0.04(H+W)
A/F DIA.	±1.5%
WEIGHT	±5% OF CALCULATED WEIGHT, W



ANCHOR BOLT- J 30X1000



BASE PLATE DETAIL

SIZE: 600x600x25 THK.

4STIFFNERS, SIZE: 160x110x10 THK.

MATERIALS:

ITEMS	STEEL GRADE / STANDARDS
1. POLE SHAFT	ST-44 EN10027-1-S275JR
2. BASE PLATE	ASTM A36 OR EQUIV.
3. ANCHOR BOLTS	SS400 TO JIS G3101 OR EQUIV.
4. GALVANIZING	HDG TO ASTM A123 OR ISO1461
5. GALV. COATING	EQUAL OR MORE THAN 85 MICRON



CLIENT:	
SPEC:	
TITLE: H.D.G.18.0 M OCTAGONAL STEEL LIGHTING POLE	
CADD: WASEEM	DATE: 15/10/2021
CHKD: A.DARWISH	APPRD.
DWG. No.: LP18M001-A	REV. - 00