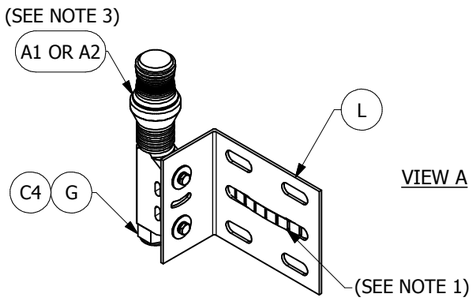
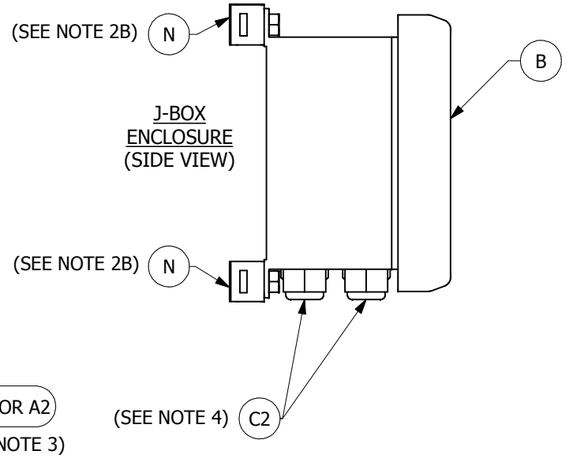
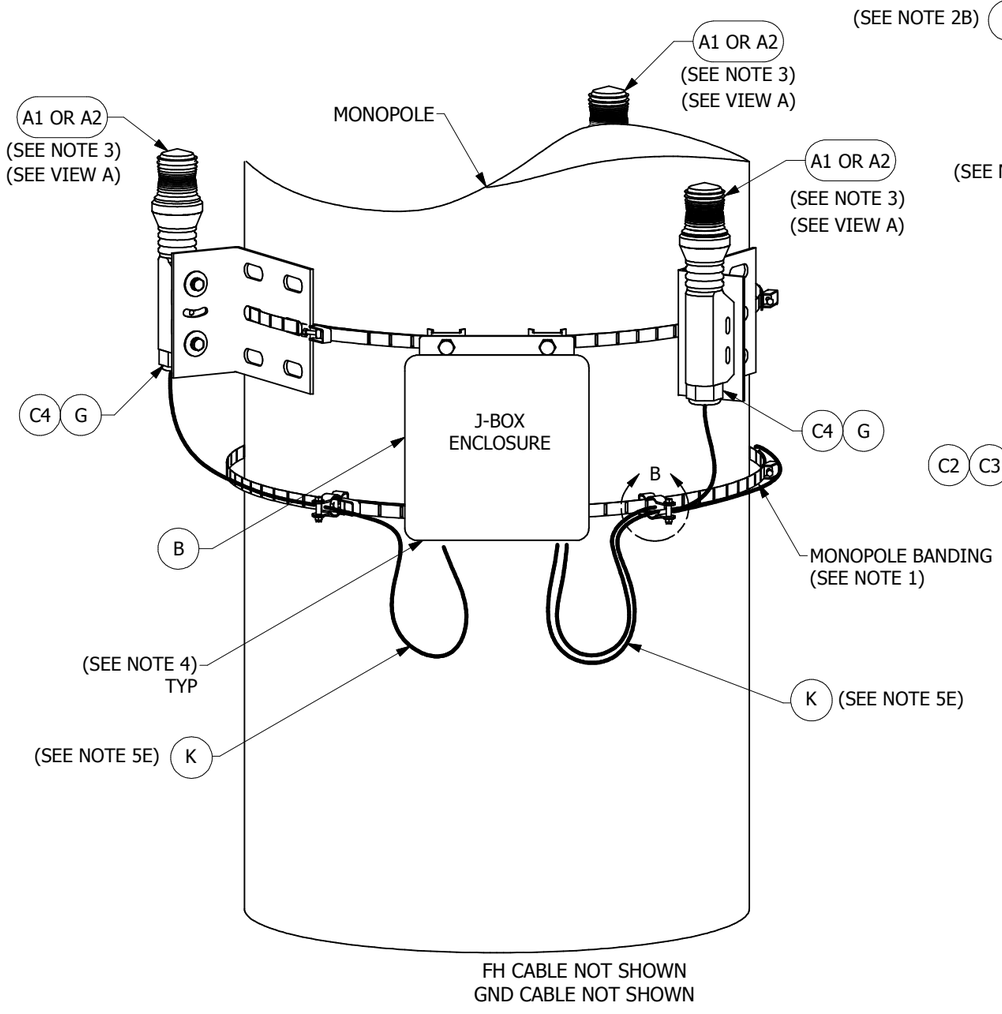
REVISIONS						
ZONE	REV	ECO	DESCRIPTION	REV	DATE	APPR B
	A	5814	PRODUCTION RELEASE	SPS	03/06/14	HK
	B	5861	ADDED ITEM A2 MKR 370 AC IR	SPS	5/20/14	HK



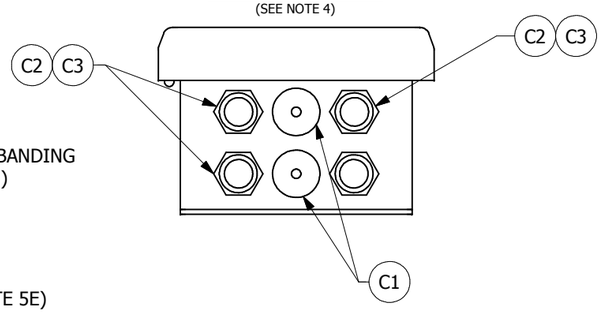
VIEW A

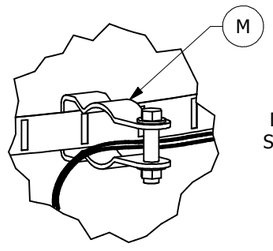


J-BOX ENCLOSURE (SIDE VIEW)



JUNCTION BOX BOTTOM VIEW
(SEE NOTE 4)





DETAIL B
SCALE 1 : 1

BILL OF MATERIAL				COMPONENT QTY		
ITEM	P/N	DESCRIPTION		2 MKR	3 MKR	UNITS
A1	F1119001	MARKER L810 LED 2.7W MRK 370 AC		2	3	EA
A2	F1119003	MARKER L810 LED 4.6W MRK 370 AC IR		2	3	EA
B	F3136105	JUNCTION BOX ENCLOSURE (SEE NOTE 2)		1	1	EA
C1	F5902390	HOLE PLUG/CORD GRIP - 0.50"		3	2	EA
C2	F5903170	CORD CONNECTOR 1/2" BLACK PLASTIC		3	4	EA
C3	F5991690	LOCKNUT, 1/2" CONDUIT		3	4	EA
C4	F4900156	CORD CONNECTOR 3/4" BLACK PLASTIC		2	3	EA
G	F4902571	CONN WIRE NUT BLUE		6	9	EA
J1	F5991728	TAPE, 0.75" BLACK ELECTRIC		1	1	EA
J2	F5900905	TAPE, ELECTRIC, 2"		1	1	EA
J3	F5900906	TAPE, FILAMENT, 1"		1	1	EA
K	F4318000	CABLE, TRAY RATED 18AWG/3C		60	60	FT
L	F1903130	MARKER ANGLE MOUNTING KIT		2	3	EA
	INCLUDED IN ASSEMBLLY HARDWARE	F3991370	BRACKET MARKER 370	2	3	EA
		F5900759	SCREW HEX HEAD, 1/4-20 X 1" SS	4	6	EA
		F5990011	LOCKWASHER, 1/4 SS	4	6	EA
		F5901101	FLATWASHER, 1/4"	4	6	EA
M	F5991774	CONDUIT HANGER WITH BOLT 1/2 - 4 IN		4	6	EA
N	F5991776	BRACKET BAND FLARED LEG WITH BOLT 1/2 IN		4	4	EA

INSTALLATION NOTES

1. BANDING MOUNT INSTALLATION :
CUSTOMER TO PROVIDE MONOPOLE BANDING AND HARDWARE.

2. MARKER ENCLOSURE INSTALLATION :
A) LOCATE AND INSTALL MARKER JUNCTION BOX (B) TO BRACKET BAND FLARED LEG (N) APPROPRIATELY.
B) LOCATE AND INSTALL MONOPOLE BANDING (NOT PROVIDED BY FLASH TECHNOLOGY) THROUGH CENTER SLOTS ON BRACKET BAND FLARED LEG (N).

3. INSTALLING MARKER FIXTURE:
A) EVERY EFFORT SHOULD BE MADE TO INSTALL MARKER (A) VERTICAL HOWEVER PERMISSIBLE MARKER ANGLE IS UP TO 5°.
B) LOCATE AND INSTALL MARKER BRACKET (L) AT CENTER SLOT LOCATION ONTO MONOPOLE BANDING (NOT PROVIDED BY FLASH TECHNOLOGY).

4. INSTALLING THROUGH CORD GRIPS:
A) INSERTING CABLE (K) THROUGH CORD GRIP (C2 & C3), LEAVING ENOUGH CABLE LENGTH TO MAKE ELECTRICAL CONNECTIONS.
B) FROM THE OUTSIDE OF THE MARKER JUNCTION BOX, TIGHTEN CORD GRIP (C2) TO SECURE CABLE (K),

5. INSTALLING CABLE (K) AND ELECTRICAL CONNECTIONS :
A) DIRECT ALL CONNECTING CABLES DOWN AND AWAY FROM MARKER INTERFACE ENCLOSURE, TO PREVENT MOISTURE FROM ENTERING THE BOX.
B) SECURE ALL CABLES USING THE STANDARD 2-3-4 TAPING METHOD (J2 & J3) AS DIRECTED IN EQUIPMENT MANUAL.
C) USE WIRE NUTS (E) FOR ELECTRICAL CONNECTIONS.
D) WRAP WIRE NUTS (E) TIGHTLY WITH AT LEAST (6) LAYERS OF ELECTRICAL TAPE (J1).
E) INSTALL A DRIP LOOP, FOR CABLE, NEAR THE MARKER JUNCTION BOX AND AT EACH MARKER FIXTURE.
F) FLASHHEAD AND GROUND CABLES TO BE INSTALLED PER MANUAL.

6. TECHNICAL SUPPORT:
FOR TECHNICAL SUPPORT CALL "NOC" (1-800-821-5825).

AC MARKER INSTALLATION MONOPOLE BANDING (3 MARKERS SHOWN)

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NEXT ASSEMBLY: USED ON: **APPLICATION**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES:
.XX DECIMAL ± 0.02 .XXX DECIMAL ± 0.010
ANGLES ±1° SURFACE QUALITY √MAX
MATERIAL: SEE BOM
FINISH: NA

ENGINEERING - PROPRIETARY

DRAWN BY:	SPS	DATE: 03/06/14
CHECKED BY:	HK	DATE: 03/06/14
ENGINEER:	HK	DATE: 03/06/14

THIRD ANGLE PROJECTION

Flash Technology
332 NICHOL MILL LANE
FRANKLIN, TN 37067
UNITED STATES OF AMERICA
PHN: (615) 503-2000
FAX: (615) 261-2600

TITLE: MRK 370 AC MONOPOLE BANDING INSTALLATION DRAWING

SIZE: D | DWG NO: 7790114 | REV: B
SCALE: NTS | SHEET: 1 OF 1