NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH DOD-STD-100.
2. MATERIAL: FN1- PART NO. C2016A4 CAGEC: 93908

   FN2- STEEL CARBON SHEET, CQ, GALV, SPEC ASTM A526, .0747 (14GA).

   FN34- CHANNEL, SLOTTED, PART NO.: P1000 CAGEC: 96195 OR PART NO.: G-5812-5H CAGEC: 25117
3. WORKMANSHIP SHALL BE IN ACCORDANCE WITH MIL-STD-454, REQUIREMENT 9.

△4 WIRE PER WIRING DIAGRAM. STRIP WIRE .31±.06 FOR COMPRESSION ATTACHMENT.

△5 REMOVE PLASTIC INSULATING BUSHING, P/O FN5, BEFORE ASSEMBLY WITH FN7.

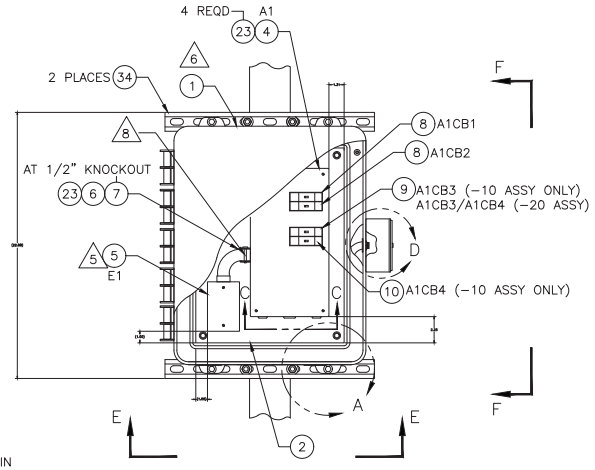
△6 ALTERNATIVE ENCLOSURE IS CALLED OUT IN THE ASSOCIATED PARTS LIST AS ITEM NO. 1A. THIS ITEM CONTAINS THE ENCLOSURE AND REQUIRED BACK PLATE TO COMPLETELY REPLACE ITEM NO.1, THE PRIMARY ENCLOSURE ASSEMBLY.

△7 CONTRACTOR SHALL MATCH THE DRILL HOLES ON THE BACK PLATE SUCH THAT ELECTRONIC COMPONENTS CAN BE MOUNTED IN THE SCHEMES SHOWN IN THE -10, -20, AND -30 AS SHOWN SHEET 2.

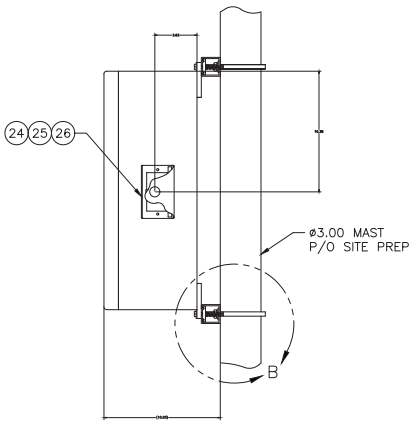
△8 1 CABLE CLAMP 62828-93026 CAN BE USED FOR CABLE ENTRY INSTEAD OF 6 & 7.

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

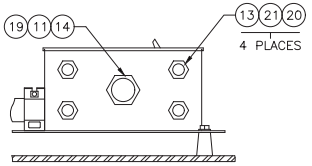
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	SEE ASOS-ECN-000075		
	B	SEE ASOS-ECN-000243	8/10/21	KED
	C	SEE ASOS-ECN-000245	12/2/21	KED
	D	SEE ASOS-ECN-000254	4/20/22	KED



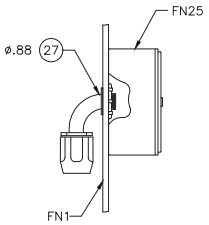
ASSY 62828-40492-10 SHOWN
ASSY 62828-40492-20 SIMILAR



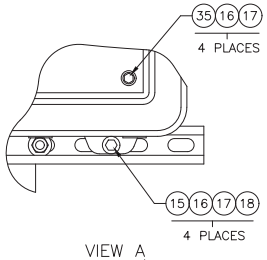
VIEW F-F



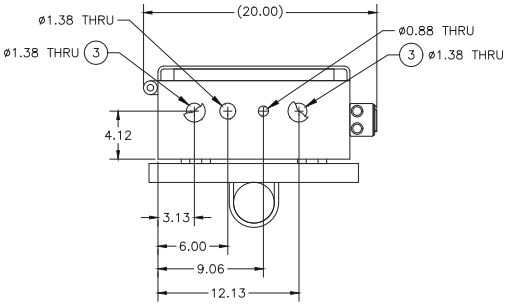
SECTION C-C
SCALE 1/2



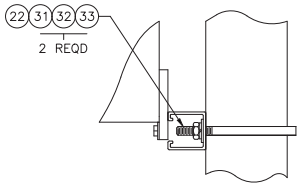
VIEW D
SCALE 1/2



VIEW A
SCALE 1/2

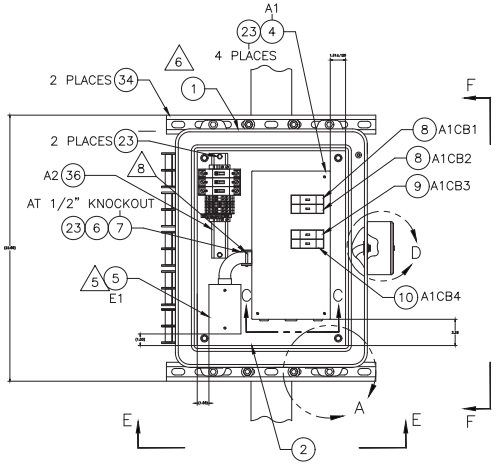


VIEW E-E

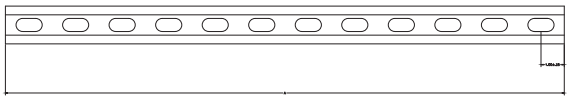


VIEW B
SCALE 1/2
2 PLACES

FN15-FN18
REMOVED FOR CLARITY

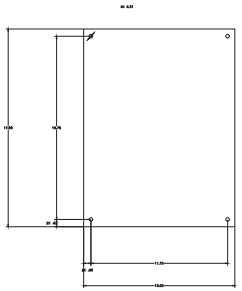


ASSY 62828-40492-30
COVER REMOVED FOR CLARITY



PART NO.	A
62828-40492-3	18.00

SCALE 1/2
2 PLACES



PART NO. 62828-40492-2

B	D	REV	REV STATUS OF SHEETS
2	1	SH	

SEE SEPARATE PARTS LIST PL62828-40492-10 THRU -30

20	62828-40425	ASOS
30	62828-40393	ASOS
10	62828-40448	ASOS
10	62828-40111	ASOS
10	62828-40110	ASOS
10	62828-40105	ASOS
SERIAL NO.	NEXT ASSY	USED ON
EFFECTIVITY	APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — .XX ± .03 .XXX ± .010 ± —

CONTR	50-SANW-1-00050	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE
DFTG	J.BHUWANJI 12-2-21	
CHECKING	T.NGUYEN 12-2-21	POWER DISTRIBUTION ASSEMBLY
APPROVED	B.INJETY 12-2-21	
PROJ	K.BOUTIN 12-2-21	
MFG		
ILS		
QA		

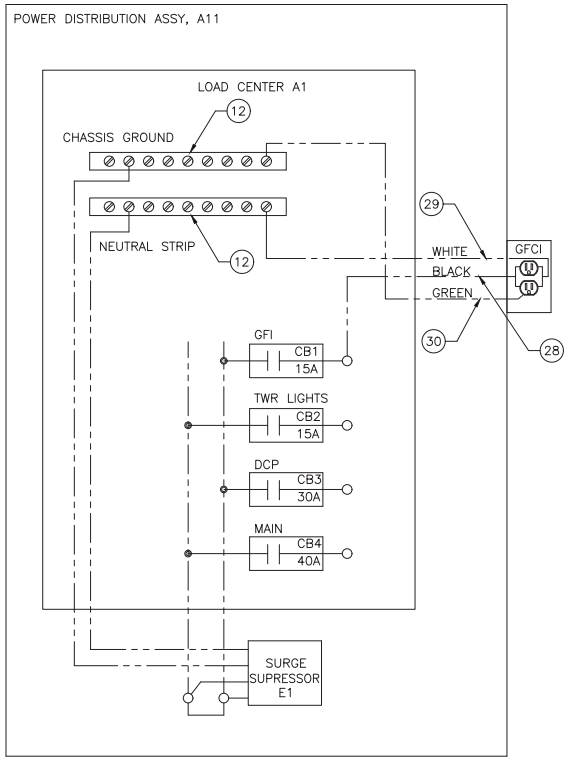
SIZE	CAGE CODE	DWG NO.	REVISION
E	82187	62828-40492	D
SCALE 1/4		SHEET 1 OF 2	

DWG NO. 62828-40492 SH 1

SME1AC-R12
REV -

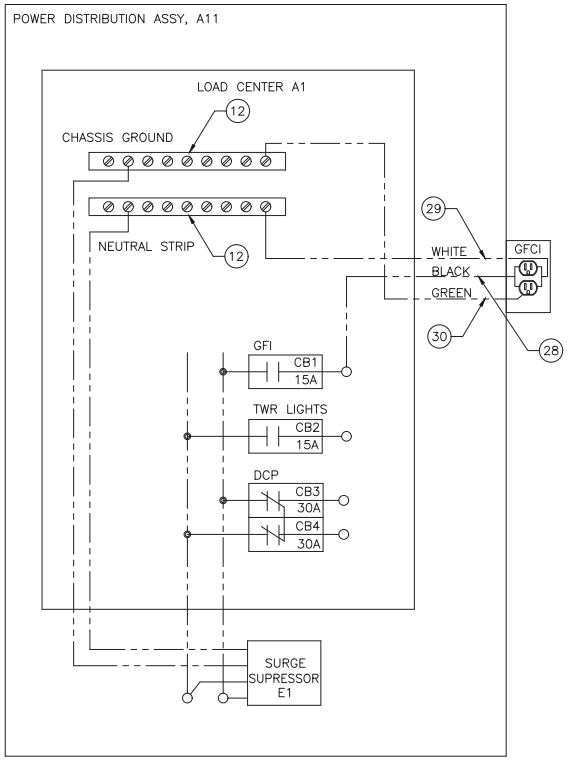
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



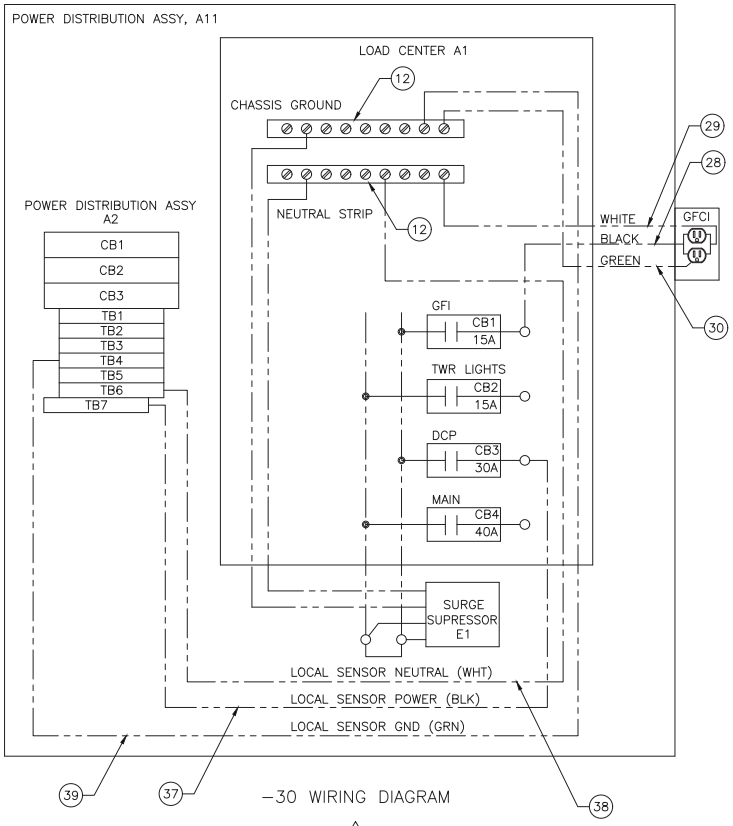
−10 WIRING DIAGRAM

4



−20 WIRING DIAGRAM

4



−30 WIRING DIAGRAM

4

SIZE	CAGE CODE	DWG NO		DWG NO
E	82187	62828−40492		B
SCALE 1/4			SHEET 2	

DWG NO 62828−40492 SH 2

SME2AC−R12
REV −

PARTS LIST

SYSTEMS MANAGEMENT, INC
P.O. BOX 238
HUNT VALLEY, MD 21030-0238

PL - 62828-40492-10
CAGE NO.: 0J8A4

REVISION: E
REV DATE: 04/20/22
LIST DATE: 04/27/98

LIST TITLE: POWER DISTR ASSY

CONTRACT ID: 50-SANW-1-00050

ITEM NO	REQ QTY	U/M	REFERENCE DESIGNATORS	CAGE NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
1	1.00	EA		0J8A4	62828-40492-1	ENCLOSURE,CONTROL PNL			Y
1A	1.00	EA			62828-43004-10	GENESIS ENCLOSURE WITH BACKPLATE			Y
2	1.00	EA		0J8A4	62828-40492-2	PANEL			Y
3	2.00	EA		84721	HP100	HOLE PLUG			N
4	1.00	EA	A1	60555	E0408ML1125S-2	LOAD CENTER			N
5	1.00	EA	E1	31117	IG1240RC3	SURGE SUPPRESSOR TRANSIET VOLTAGE			N
6	1.00	EA		57797	H75-SWB	HANGER,RIGID CONDUIT			N
7	1.00	EA		56501	460-TB 9-50	ELBOW,CONDUIT			N
8	2.00	EA	A1CB1,A1CB2	60555	Q115	CIRCUIT BREAKER,15A,SP			N
9	1.00	EA	A1CB3	60555	Q130	CIRCUIT BREAKER,30A,SP			N
10	1.00	EA	A1CB4	60555	Q140	CIRCUIT BREAKER,40A,SP			N
11	1.00	EA		56501	LN-103 403	LOCKNUT,CONDUIT 1"			N
12	2.00	EA		0RE84	GB10	GROUND BAR			N
13	4.00	EA		56501	HA-201 CN-50	NIPPLE,CONDUIT 1/2"			N
14	1.00	EA		56970	503 HA-203	NIPPLE CONDUIT			N
15	4.00	EA		0J8A4	62828-90452-6	SCREW,HEX HD,CAP			Y
16	8.00	EA			MS35338-44	WASHER,LOCK-SPR,HLCL			N
17	8.00	EA			MS51412-38	WASHER,FLAT			N
18	4.00	EA		25117	G-1032 P1006-1420-EG	NUT,CHANNEL W/SPRING			N
19	1.00	EA		56970	442 BBU100	BUSHING,PLASTIC INSULATIN G			N

ITEM NO	REQ QTY	U/M	REFERENCE DESIGNATORS	CAGE NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
20	4.00	EA		56970	440 BBU50	BUSHING,PLASTIC INSULATIN G			N
21	4.00	EA		56501	LN-101 1-50S	LOCKNUT,CONDUIT 1/2"			N
22	2.00	EA			NAS310628-24	BOLT-U			N
23	5.00	EA		9W319	1559 9613	SCREW,SELF-DRILL #10X1/2			N
24	1.00	EA		81091	2091-I GF8300V	OUTLET,GFCI			N
25	1.00	EA		07337	IH3-1-LM T11-L	BOX,OUTLET			N
26	1.00	EA		07337	CCG WGF100-C	COVER,OUTLET			N
27	1.00	EA		56501	6322 8426	CONDUIT,90 DEGREE			N
28	2.00	FT			M16878/1BLA0	WIRE,ELECTRICAL			N
29	2.00	FT			M16878/1BLA9	WIRE,ELECTRICAL			N
30	2.00	FT			M16878/1BLA5	WIRE,ELECTRICAL			N
31	4.00	EA			MS51412-39	WASHER,FLAT			N
32	4.00	EA			MS35338-46	WASHER,LOCK SPR,HLCL			N
33	4.00	EA		0J8A4	62828-90450-5	NUT,HEX,STL			Y
34	2.00	EA		0J8A4	62828-40492-3	CHANNEL			Y
35	4.00	EA		0J8A4	62828-90452-5	SCREW,HEX HD,CAP			Y
36	0	REF		74545	62828-93026-01	CABLE CLAMP			N
999	0.00	REF		0J8A4	62828-40492	POWER DISTR ASSY			N

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE
1325 EAST WEST HIGHWAY
SILVER SPRING, MD 20910

Date Printed: AUGUST 17,2021

Identifying Number: PL-62828-93023-01
Drawing Description: PANEL BACK 20X16-PS
Where Used:

Rev: -
Rev Date: AUGUST 10, 2021 14:29:11
Rev Authorization: CM
Gov Entity Code: 82187

Find No	Contractor Id	Part Number	Rev	RefDes	Part Description	Asn	Qty	Units	Cage Code	Notes
1		PNLB2016PS-104			PANEL BACK 20X16-PS		1	EA	0J8A4	

Notes:

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE
1325 EAST WEST HIGHWAY
SILVER SPRING, MD 20910

Date Printed:	AUGUST 10,2021	**Rev:**	-
		Rev Date:	AUGUST 10, 2021 13:15:33
Identifying Number:	PL-62828-43004-10	**Rev Authorization:**	CM
Drawing Description:	GENESIS ENCLOSURE WITH BACK PLATE	**Gov Entity Code:**	82187
Where Used:			

Find No	Contractor Id	Part Number	Rev	RefDes	Part Description	Asn	Qty	Units	Cage Code	Notes
1		62828-93022-10	-		GENESIS ENCLOSURE, DCP, LEGACY		1	EA	82187	
2		62828-93023	-		PANEL BACK 20X16-PS		1	EA	82187	

Notes:

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	ECN: ASOS-ECN-000004	06/03/14	JM

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH DOD-STD-100.

2. MATERIAL: CARBON STEEL, SAE GRADE 5
   MINIMUM TENSILE STRENGTH 120,000 PSI

3. FINISH: HEX NUT OVER ø.38 NOM THREAD SIZE –
   ZINC COATING, SPEC ASTM A153, CLASS C.
   HEX NUT ø.38 NOM THREAD SIZE AND UNDER –
   ZINC COATING, SPEC ASTM A153, CLASS D.

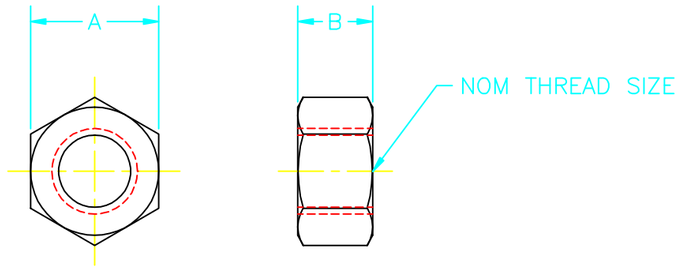
4. PART SHALL BE MANUFACTURED IN ACCORDANCE WITH ASME B18.2.2.

5. EACH PACKAGE CONTAINING THE PART SHALL BE MARKED WITH THE VENDOR'S CAGE CODE, NAME OR TRADEMARK AND THE COMPLETE VENDOR PART NUMBER.

6. DIMENSIONAL DATA:

CONTROL NUMBER	DIMENSIONS		
	THREAD SIZE	A	B
62828-90450-1	.500-13 UNC-2B	(.750)	(.438)
62828-90450-2	.750-10 UNC-2B	(1.125)	(.641)
62828-90450-3	1.000-08 UNC-2B	(1.500)	(.859)
62828-90450-4	.250-20 UNC-2B	(.437)	(.193)
62828-90450-5	.375-24 UNC-2B	(.625)	(.257)
62828-90450-6	.375-16 UNC-2B	(.625)	(.257)

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



CURRENT DESIGN ACTIVITY CAGE CODE 82187
U.S DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE
SILVER SPRING MD 20910

DWG NO 62828-90450 SH 1

THIS DRAWING IS INTENDED SOLELY FOR THE PURPOSE OF ASSIGNING A CONTROL NUMBER FOR PARTS WITH VENDOR PART NUMBERS EXCEEDING FIFTEEN CHARACTERS.

DASH NO.	NEXT ASSY	USED ON
6	62828-40490	ASOS
4	62828-40510	ASOS
5	62828-40492	ASOS
4,5	62828-40490	ASOS
2	62828-40332	ASOS
3	62828-40448	ASOS
1,3	62828-40111	ASOS
3,5	62828-40393	ASOS
3	62828-40105	ASOS
2,3	62828-40108	ASOS

EFFECTIVITY/APPLICATION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± –/–
DECIMALS ± –
ANGLES ± 1° 0′
ALL SURFACES 125
ALL RADII = –
DIMENSIONAL LIMITS APPLY (BEFORE) FINISH OR COATING

THIRD ANGLE PROJECTION

CONTR	50-SANW-1-00050	
DFTG	K.SABUR	97-09-25
CHKR	G.FEVERYEAR	97-09-26
ENGR	J.YOUNG	
PROJ	V.KING	
QA	W.McCONNELL	

SYSTEMS MANAGEMENT INCORPORATED
HUNT VALLEY, MD 21030

NUT, HEX, STEEL

SIZE	CAGE CODE	DWG NO
C	0J8A4	62828-90450

SCALE 2/1 SHEET 1 OF 1

SMIC1AC-R12
REV –

APPLICATION	
USED ON	NEXT ASSY
ASOS	62828-43004

REVISION HISTORY				
REV	ZONE	DESCRIPTION	DATE	APPROVED
–		INITIAL RELEASE	8/10/2021	KED

VENDOR ITEM CONTROL DRAWING

SEE SEPERATE PARTS LIST

PL-62828-93023-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY

NOTES:

1. ONLY ITEM(S) DESCRIBED IN THIS DRAWING ARE APPROVED FOR USE IN ONLY ITEM(S) DESCRIBED IN THIS DRAWING ARE APPROVED FOR USE IN THE APPLICATIONS SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT THE PRIOR APPROVAL BY THE COGNIZANT DESIGN ACTIVITY.

2. IDENTIFICATION OF THE APPROVED ITEM(S) HEREON IS NOT TO BE IDENTIFICATION OF THE APPROVED ITEM(S) HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY.

SUGGESTED SOURCE OF SUPPLY

NOAA PART NUMBER	VENDOR PART NUMBER	PART DESCRIPTION	CAGE CODE	VENDOR NAME AND ADDRESS
62828-93023	PNLB2016PS-104	PANEL BACK 20X16-PS	0J8A4	AWI SYSTEMS MANAGEMENT INC 144 LAKEFRONT DR, COCKEYSVILLE, MD, 21030 UNITED STATES

THIS DRAWING WAS PRODUCED USING
SOFTWARE: INVENTOR PRO VERSION: 2019
FILE NAME: 62828-93023 REV –.IDW

---	SHEET 1	SHEET 2
REV	–	–

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES
TOLERANCES:
.XX ±0.02
.XXX ±0.005
∠ ±1°

1325 EAST WEST HIGHWAY
SILVER SPRING, MD 20910

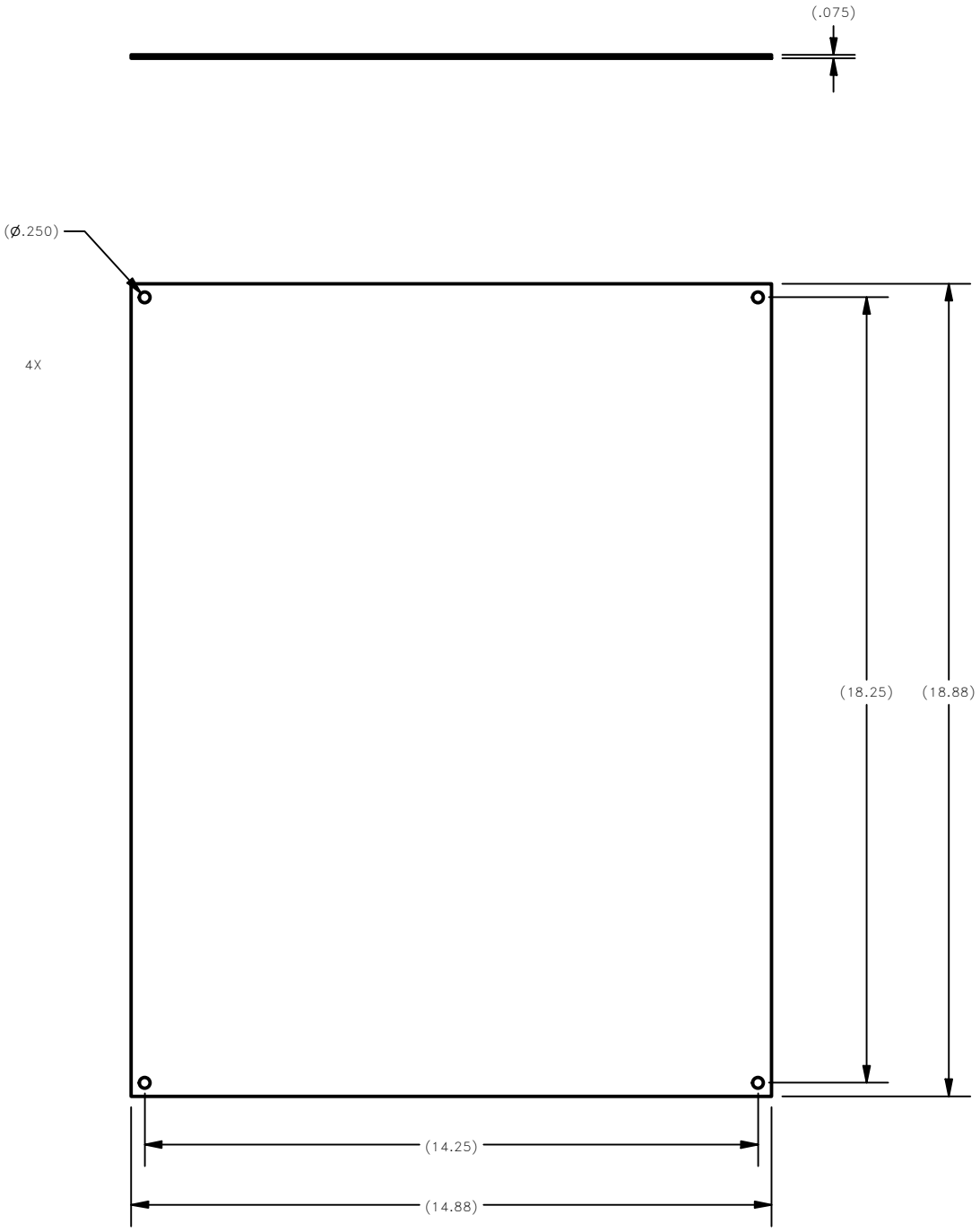
ROLE	NAME	DATE
PREPARED	J.BHUWANJI	8/10/2021
CHECKED	T.NGUYEN	8/10/2021
DESIGN		
APPROVED	B.INJETY	8/10/2021
APPROVED	K.BOUTIN	8/10/2021
APPROVED		

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINSTRATION
NATIONAL WEATHER SERVICE

PANEL BACK 20X16-PS ASOS

SIZE	CAGE CODE		REV
A	82187	62828-93023	—

CODE	SCALE	WT	SH
N/A	N/A	N/A	1 OF 2



CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

SIZE	CAGE CODE		REV
A	82187	62828-93023	—
CODE N/A	SCALE N/A	WT N/A	SH 2 OF 2

APPLICATION	
USED ON	NEXT ASSY
LEGACY	62828-40492

REVISION HISTORY				
REV	ZONE	DESCRIPTION	DATE	APPROVED
–		INITIAL RELEASE	2/27/2020	KED

VENDOR ITEM CONTROL DRAWING

SEE SEPARATE PARTS LIST

PL-62828-93022-01

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY

NOTES:

1. ONLY ITEM(S) DESCRIBED IN THIS DRAWING ARE APPROVED FOR USE IN ONLY ITEM(S) DESCRIBED IN THIS DRAWING ARE APPROVED FOR USE IN THE APPLICATIONS SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT THE PRIOR APPROVAL BY THE COGNIZANT DESIGN ACTIVITY.

2. IDENTIFICATION OF THE APPROVED ITEM(S) HEREON IS NOT TO BE IDENTIFICATION OF THE APPROVED ITEM(S) HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY.

SUGGESTED SOURCE OF SUPPLY				
NOAA PART NUMBER	VENDOR PART NUMBER	PART DESCRIPTION	CAGE CODE	VENDOR NAME AND ADDRESS
62828-93022	G201608E	GENESIS ENCLOSURE, DCP, LEGACY		8989 TYLER BLVD, MENTOR, OH 44060 UNITED STATES

THIS DRAWING WAS PRODUCED USING
SOFTWARE: INVENTOR PRO VERSION: 2019
FILE NAME: 62828-93022 REV –.IDW

---	SHEET 1	SHEET 2	SHEET 3
REV	–	–	–

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES
TOLERANCES:
.XX ±0.02
.XXX ±0.005
∠ ±1°

1325 EAST WEST HIGHWAY
SILVER SPRING, MD 20910

ROLE	NAME	DATE
PREPARED	J.BHUWANJI	6/2/2021
CHECKED	T.NGUYEN	6/2/2021
DESIGN		
APPROVED	B.INJETY	6/2/2021
APPROVED	K.BOUTIN	6/2/2021
APPROVED		

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINSTRATION
NATIONAL WEATHER SERVICE

GENESIS ENCLOSURE DCP, LEGACY

SIZE	CAGE CODE		REV
A	82187	62828-93022	—

CODE	SCALE	WT	SH
N/A	N/A	N/A	1 OF 3

GENESIS POLYCARBONATE ENCLOSURE

Features and Benefits

- Integra's largest series of polycarbonate enclosure offering
- Light gray in color with high gloss finish
- Featuring Integra's unique "Multi-Max Rail Mounting System®" (an extremely flexible interior mounting system)
- Sturdy, full length piano hinged door
- Extra rigid construction utilizing unique internal Multi-Max frame
- Brass inserts on rear wall of enclosure and on lid for more mounting options
- Integrated mounting flanges eliminate the need to affix to the enclosure
- Available in multiple closure options: non-metallic, quarter turn or three-point latch configurations
- UL/C-UL-50 listed (File # E207562)

The Integra Genesis series represents the beginning of best medium sized non-metallic enclosures available. The unmatched flexibility of the interior of this enclosure combined with off the shelf accessories make the first of the Genesis series enclosures ideal for almost any application.

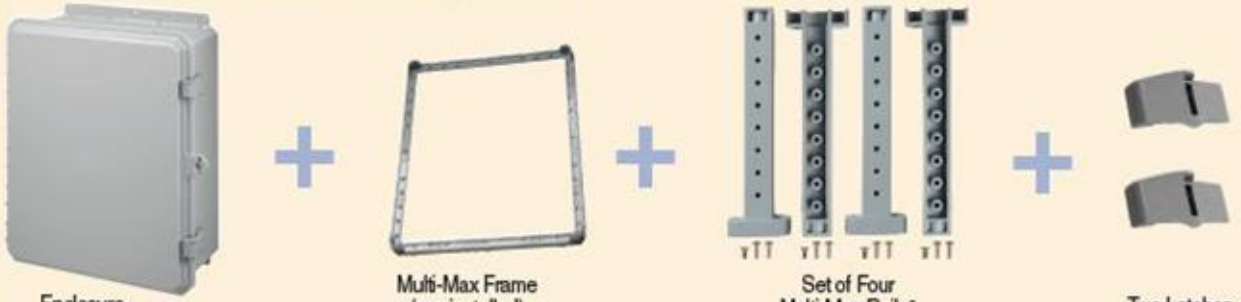
Mechanical and Thermal Test Spec.	Unit	Genesis Line
Instrumented Dart Impact @ 73° F	in/lb.	565
Falling Ball Impact @ 73° F UL-746	in/lb.	900
Deflection Temperature @ 264 psi ASTM D648	Deg. F	270
Modulus of Elasticity m ASTM D790	ksi	340
Temperature Range	Deg. F	-40 to 265
Flammable / UV Ratings Test Spec.	**Unit**	**Genesis Line**
Flame Rating - UL UL 94	-	5VA
Outdoor UV Exposure UL	-	F1

201608 P/N	4X IP66	6P IP68	Hinged Cover	Opaque Cover	Clear Cover	Integrated Mounting Flange	Non-Metallic Locking Latch	Multi-Max Rail System®	3-Point Latch	1/4 Turn Latch
G201608	✓	✓	✓	✓		✓	✓	✓		
G201608C	✓	✓	✓		✓	✓	✓	✓		
G201608TPL	✓		✓	✓		✓		✓	✓	
G201608CTPL	✓		✓		✓	✓		✓	✓	
G201608QTL	✓		✓	✓		✓		✓		✓
G201608CQTL	✓		✓		✓	✓		✓		✓
G201608E	✓	✓	✓	✓		✓	✓			
G201608CE	✓	✓	✓		✓	✓	✓			

Part numbers containing -E exclude Multi-Max Frame and Multi-Max Rail System®

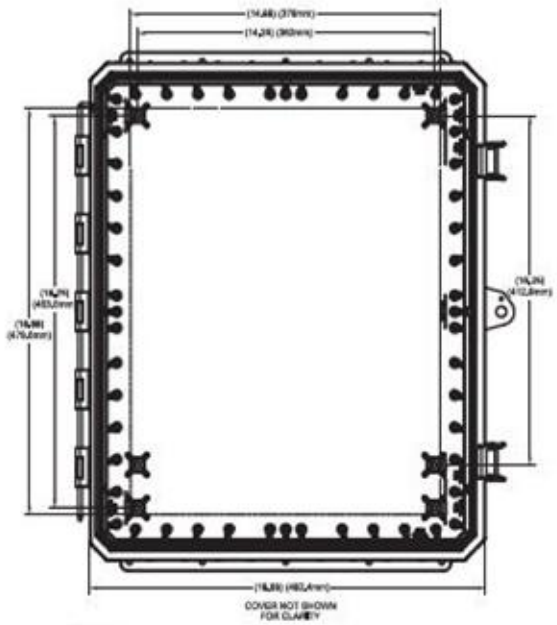
G201608 includes the following

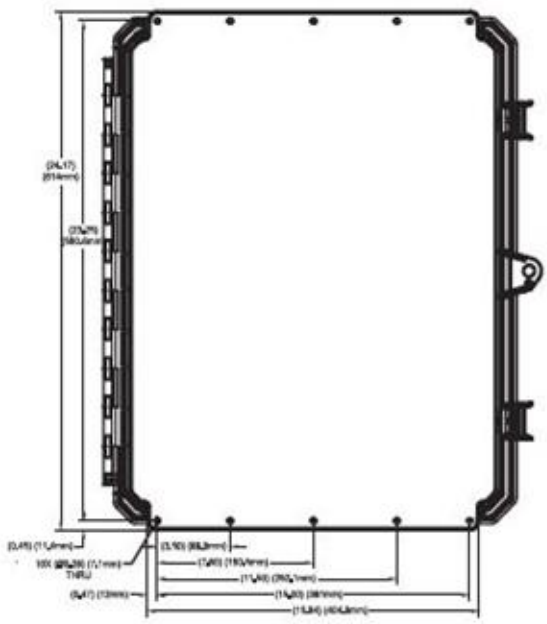
Enclosure, Multi-Max Frame, Set of Four Multi-Max Rails® (with Screws), and Two Latches

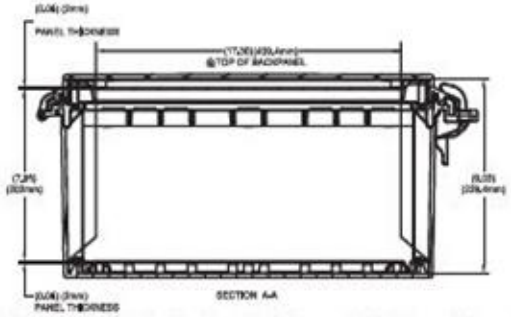


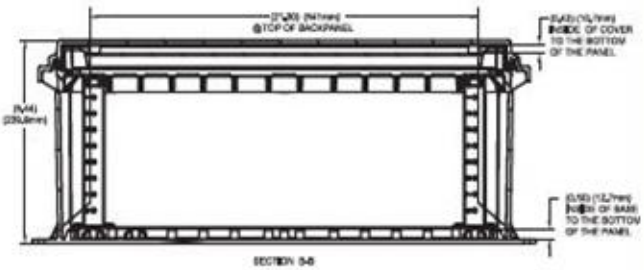
CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

SIZE	CAGE CODE		REV
A	82187	62828-93022	—
CODE N/A	SCALE N/A	WT N/A	SH 2 OF 3









Register online to download this drawing off the Integra website at www.integraenclosures.com | Your company's logo or other information on the lid. Consult factory for details.

Accessories for 20x16x08 Genesis (For complete accessories, see pages 82-83)

Multi-Max Rails®
KIT-GMMR8 - Four Multi-Max Rails® with screws included

Panel Pads
KIT-GPP-2016 Includes four panel pads and screws

Pole Mounting Kits
PMKG-216-GEN - 2" pole
PMKG-316-GEN - 3" pole
PMKG-416-GEN - 4" pole
PMKG-1216-GEN - 12" pole

Door Stop Kit
KIT-DOOR-STOP - Door Stop Kit for Genesis Enclosures

Self-Tapping Screws
GSP-10 - Self-tapping screws for bosses (10 per pack)

Swing Out Panel System
ABP2016-GSOPK - Aluminum swing panel includes ABP2016 and GSOPK20
SBP2016-GSOPK - Steel swing panel includes SBP2016 and GSOPK20
GSOPK20 - 20" hinge, panel pads and screws (panel not included)

Back and Swing Panels
ABP-2016 - Aluminum panel
SBP-2016 - Steel panel
PVCBP-2016 - PVC panel

Fan Shroud Kits
FS-KIT-1 - One shroud with gasket and screws
FS-KIT-2 - Two shrouds with gasket and screws

Multi-Max Frame
GSR2016 - Multi-Max frame support ring

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

SIZE	CAGE CODE		REV
A	82187	62828-93022	—
CODE N/A	SCALE N/A	WT N/A	SH 3 OF 3

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH DOD–STD–100.

2. MATERIAL: CARBON STEEL, SAE GRADE 5
   MINIMUM TENSILE STRENGTH 120,000 PSI

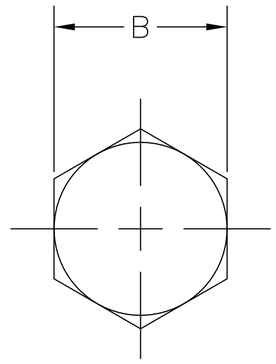
3. FINISH: FASTENERS OVER ø.38 – ZINC COATING,
   SPEC ASTM A153, CLASS C.
   FASTENERS ø.38 AND UNDER – ZINC COATING,
   SPEC ASTM A153, CLASS D.

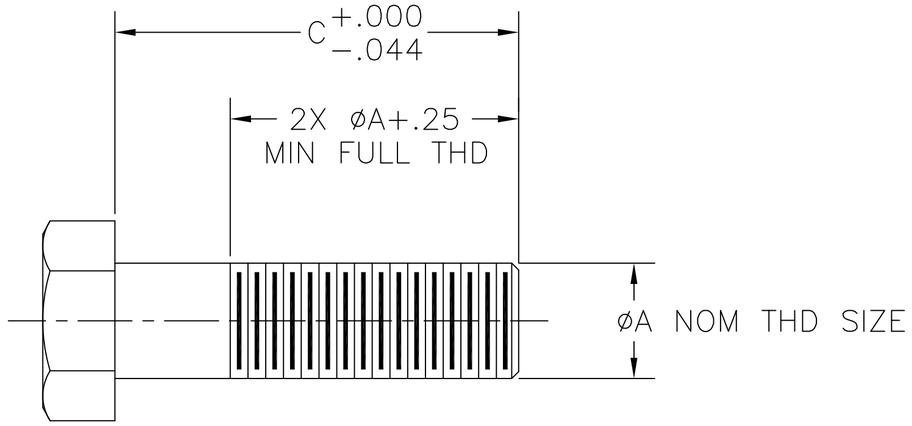
4. PART SHALL BE MANUFACTURED IN ACCORDANCE WITH ASME B18.2.1.

5. EACH PACKAGE CONTAINING THE PART SHALL BE MARKED WITH THE VENDOR'S CAGE CODE, NAME OR TRADEMARK AND THE COMPLETE VENDOR PART NUMBER.

6. DIMENSIONAL DATA:

CONTROL NUMBER	DIMENSIONS			
	THREAD SIZE	øA DIA	B FLAT	C LENGTH
62828–90452–1	.500–13 UNC–2A	(.500)	(.750)	(1.75)
62828–90452–2	.750–10 UNC–2A	(.750)	(1.12)	(2.00)
62828–90452–3	.750–10 UNC–2A	(.750)	(1.12)	(3.00)
62828–90452–4	.750–10 UNC–2A	(.750)	(1.12)	(3.50)
62828–90452–5	.250–20 UNC–2A	(.250)	(.438)	(.500)
62828–90452–6	.250–20 UNC–2A	(.250)	(.438)	(1.00)
62828–90452–7	.750–10 UNC–2A	(.750)	(1.12)	(4.00)





THIS DRAWING IS INTENDED SOLELY FOR THE PURPOSE OF ASSIGNING A CONTROL NUMBER FOR PARTS WITH VENDOR PART NUMBERS EXCEEDING FIFTEEN CHARACTERS.

DASH NO.	NEXT ASSY	USED ON
1,3,4,7	62828–40111	ASOS
6	62828–40510	ASOS
6	62828–40501	ASOS
6	62828–40490	ASOS
6	62828–40393	ASOS
5,6	62828–40492	ASOS
3	62828–40332	ASOS

EFFECTIVITY/APPLICATION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± 1° 0′
ALL SURFACES 125
ALL RADII = –
DIMENSIONAL LIMITS APPLY (BEFORE) FINISH OR COATING

THIRD ANGLE PROJECTION

CONTR	50–SANW–1–00050	
DFTG	K.SABUR	97–09–24
CHKR	G.FEVERYEAR	97–09–25
ENGR	J.YOUNG	
PROJ	V.KING	
QA	W.McCONNELL	

SYSTEMS MANAGEMENT INCORPORATED
HUNT VALLEY, MD 21030

SCREW, HEX HEAD CAP, STEEL

SIZE	CAGE CODE	DWG NO
C	0J8A4	62828–90452
SCALE 2/1		SHEET 1 OF 1

DWG NO 62828–90452 SH 1

SMIC1AC–R12
REV –