

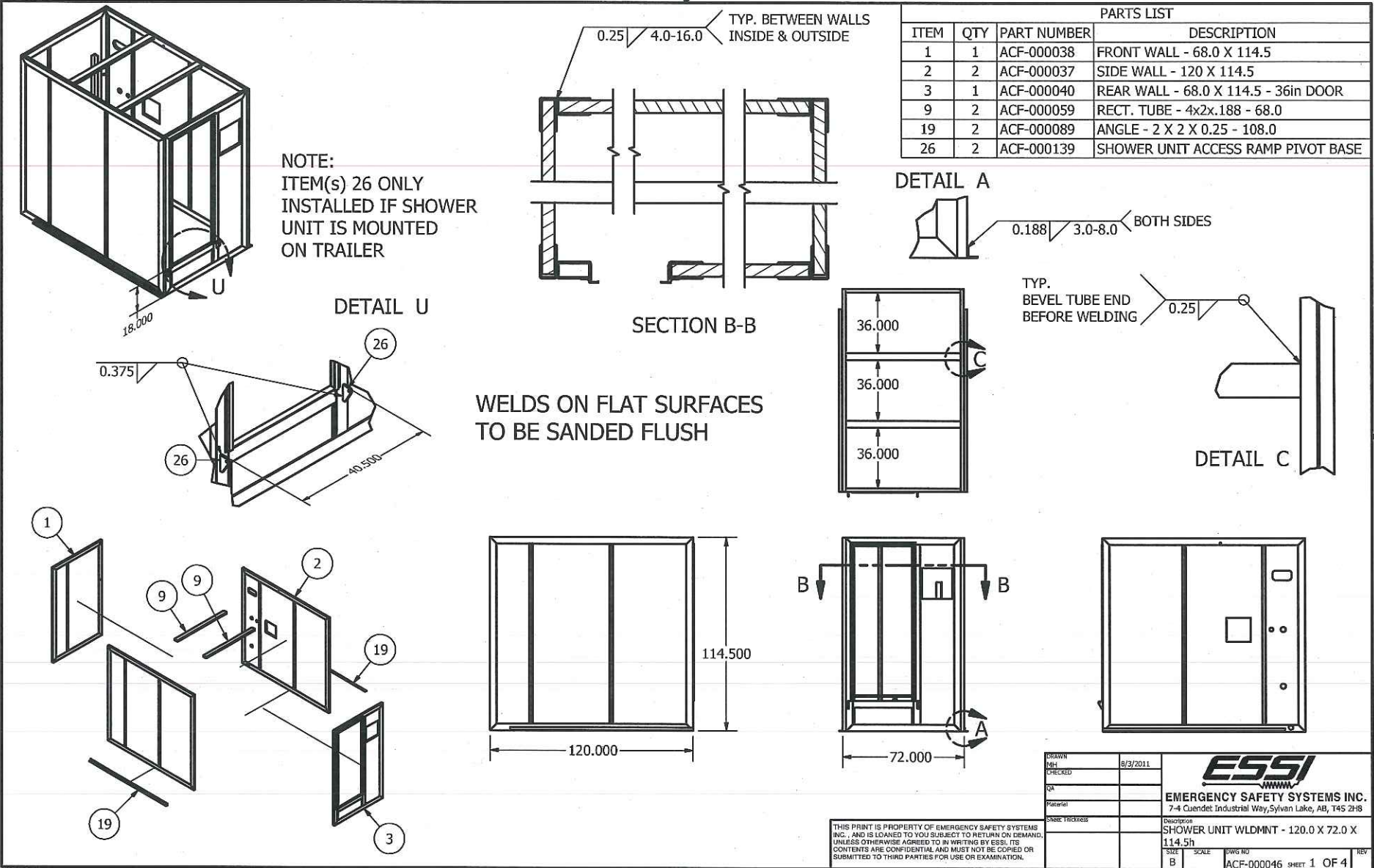
VISTA Projects Limited

VENDOR DRAWING/DOCUMENT SQUAD CHECK

A	Reviewed without exception. Proceed with fabrication. Issue final drawings/documents.
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C	Not accepted. Revise as marked and resubmit drawing/document for review. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.
D	Not required for review. Received for information.

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SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
DM 02	PHG-6005	DL	2012-04-05



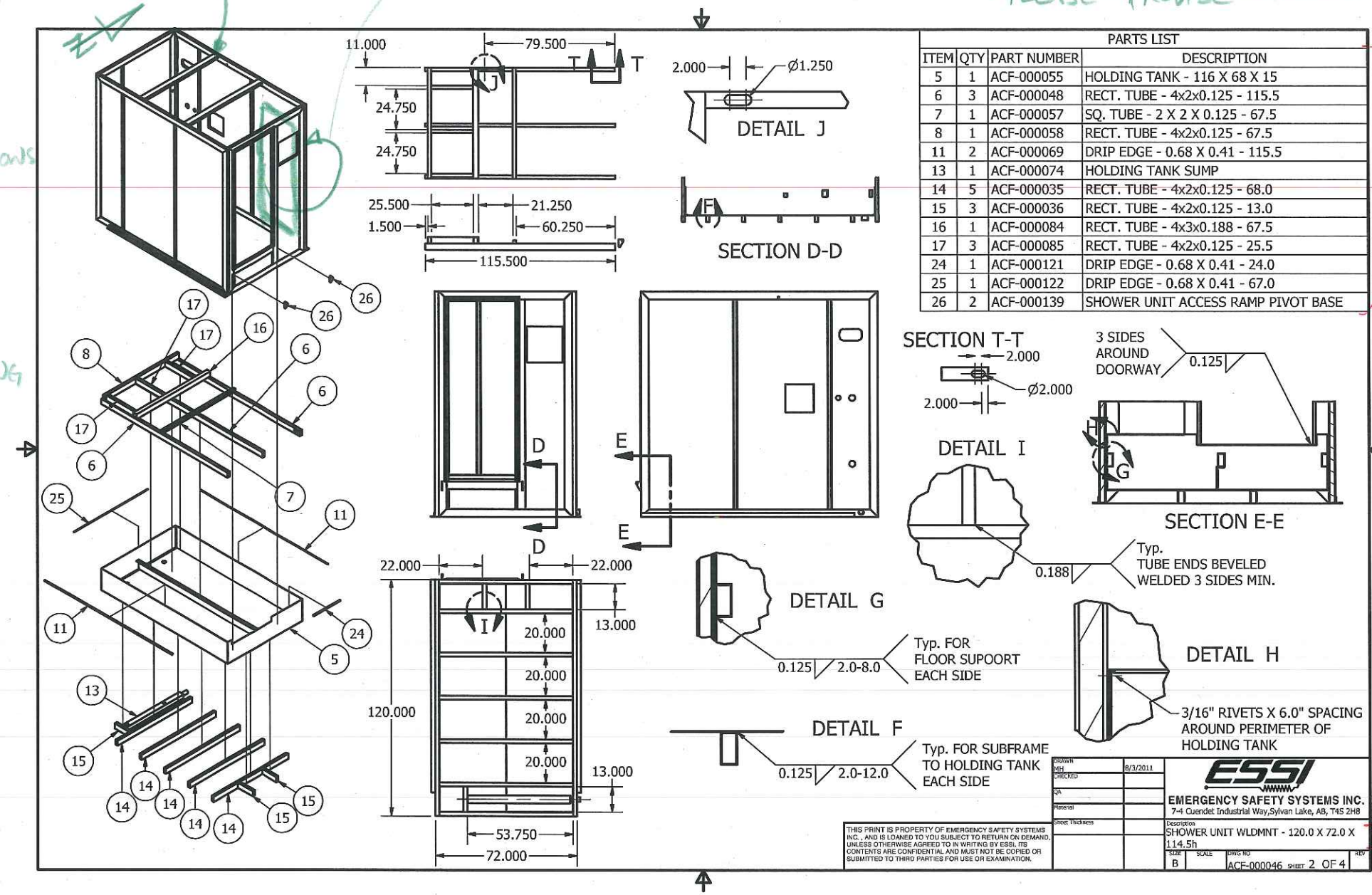
MOVE DOOR TO NORTH SIDE (TS)
TO CONNECT DIRECTLY TO WATER TREATMENT BUILDING

PLEASE PROVIDE OVERALL WIDTH & LENGTH (TS)

MOVE ALL OTHER CONNECTIONS
& CONTROLS FROM NORTH
SIDE TO SOUTH SIDE
(MIRROR IMAGE) SO
SHOWER CAN CONNECT
DIRECTLY TO BUILDING
(TS)

please confirm all dimensions
are in inches.

VISTA Projects Limited VENDOR DRAWING/DRAWING CHECK			
A	Reviewed without exception. Proceed with fabrication. Issue final drawings/documents.	DATE	2012-03-05
B	Reviewed except as marked and/or noted. Proceed with fabrication and resubmit drawing/document. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.	REVIEWED BY	DLA
C	Not accepted. Revise as marked and resubmit drawing/document for review. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.	EQUIPMENT TAG	PLG-6005
D	Not required for review. Received for information.	SDR CODE	DM02
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DATE	8/3/2011
DESCRIPTION	SHOWER UNIT WDMNT - 120.0 X 72.0 X 114.5h
SIZE	B
SCALE	1:1
DWG NO.	ACF-000046
SHEET	2 OF 4

— please provide METRIC UNITS.

VISTA Projects Limited

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SDR CODE

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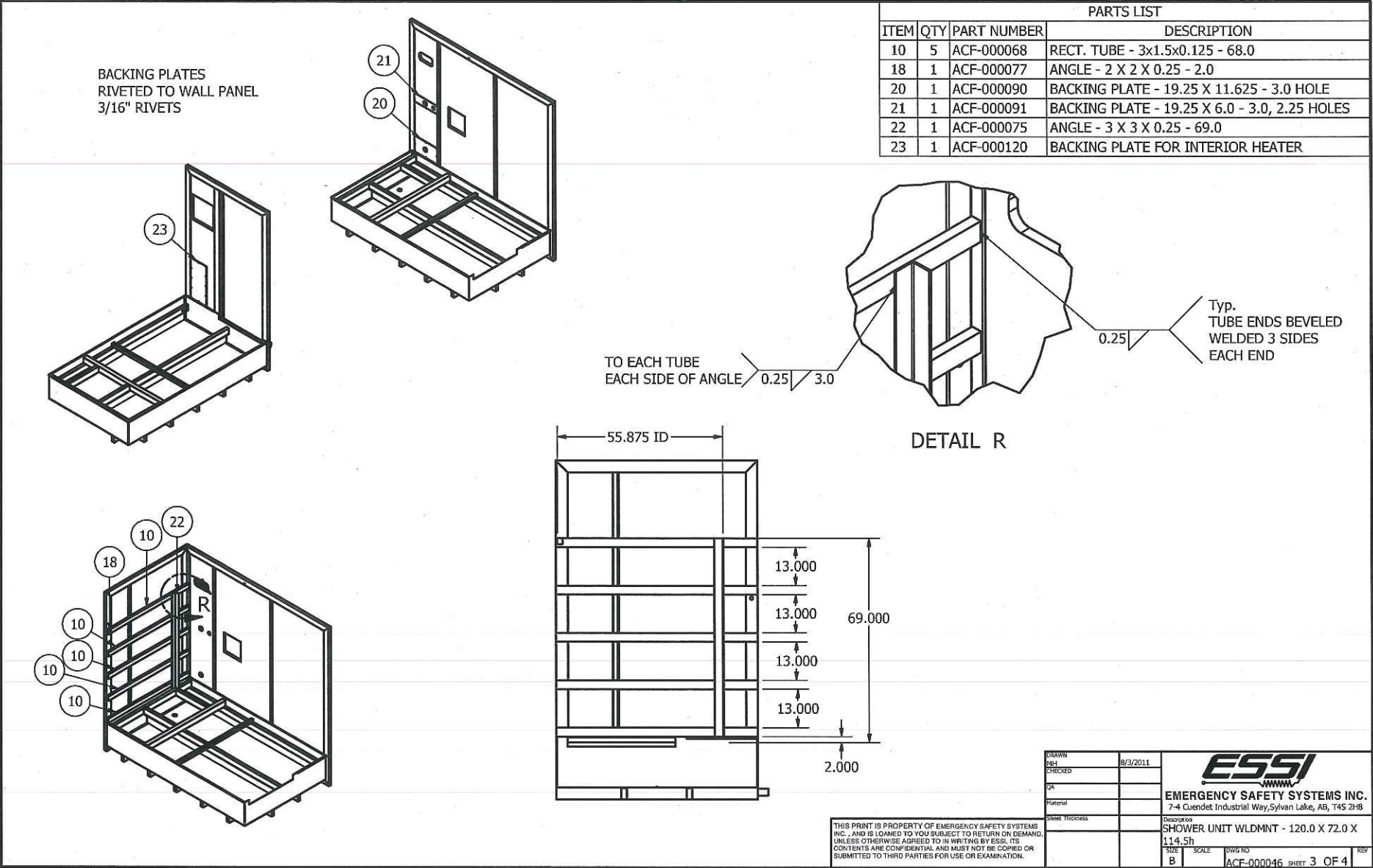
REVIEWED BY

DATE

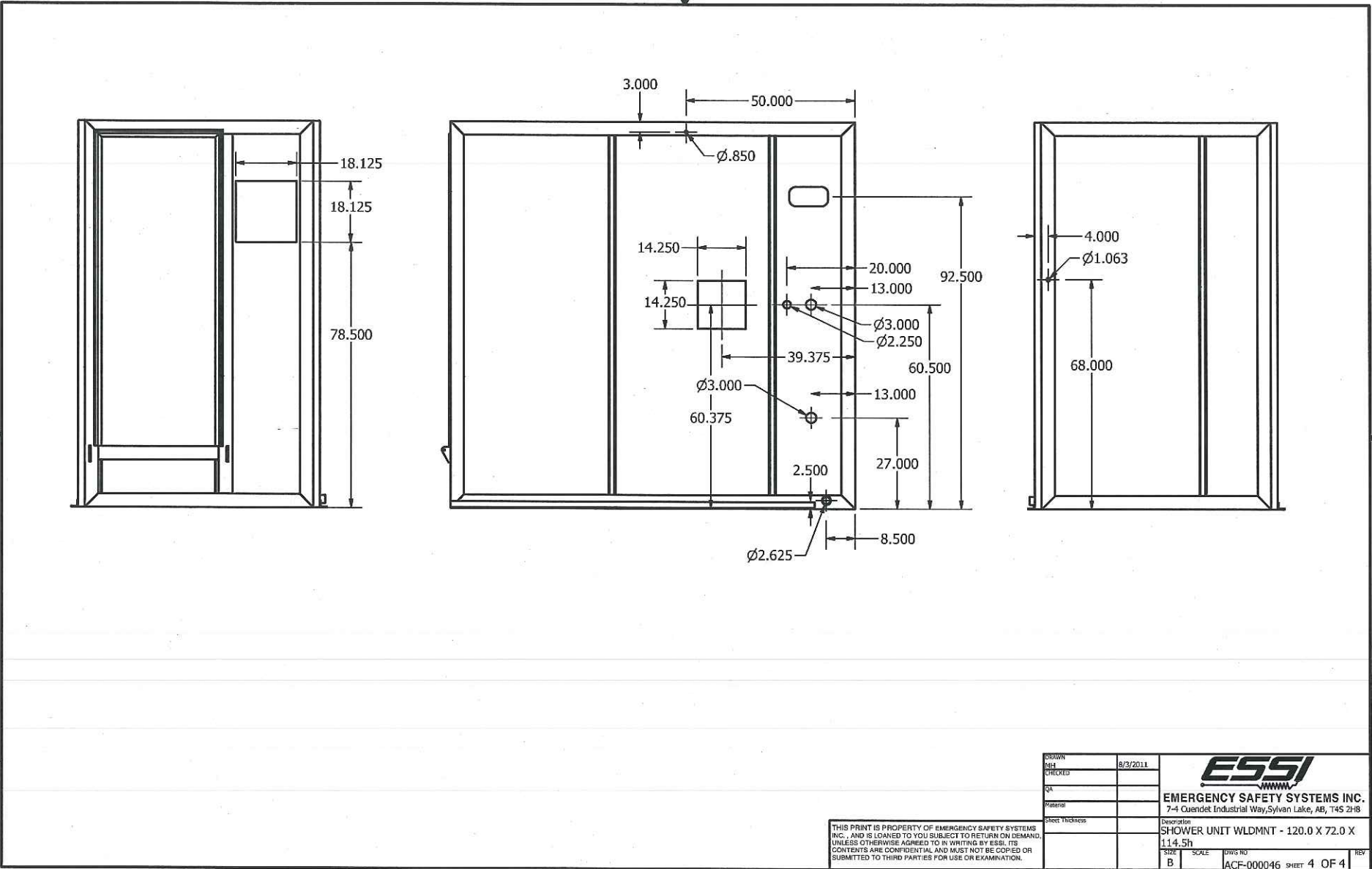
DM 02

PKG-6005

2012-04-05



VISTA Projects Limited			
VENDOR DRAWING/DOCUMENT SQUAD CHECK			
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D	Not required for review. Received for information.	DM02	2012-04-05
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SDR CODE

EQUIPMENT TAG

REVIEWED BY

DATE

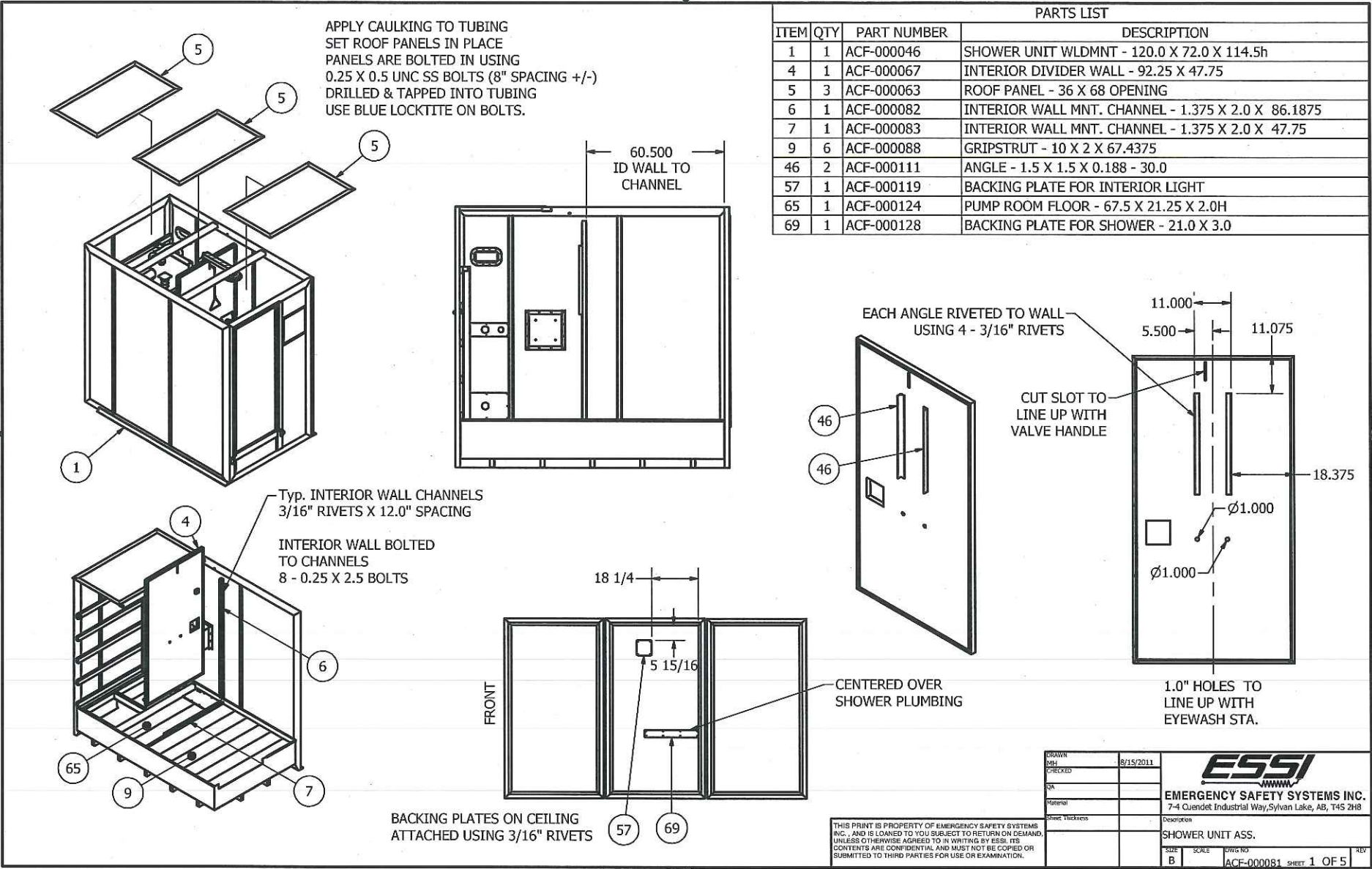
DW02

Plg-6005

DL

202-04-05

Update per comments on ACF-000046 SH1 1



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VENDOR DRAWING/DRAWING SQUAD CHECK

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SDR CODE

EQUIPMENT TAG

REVIEWED BY

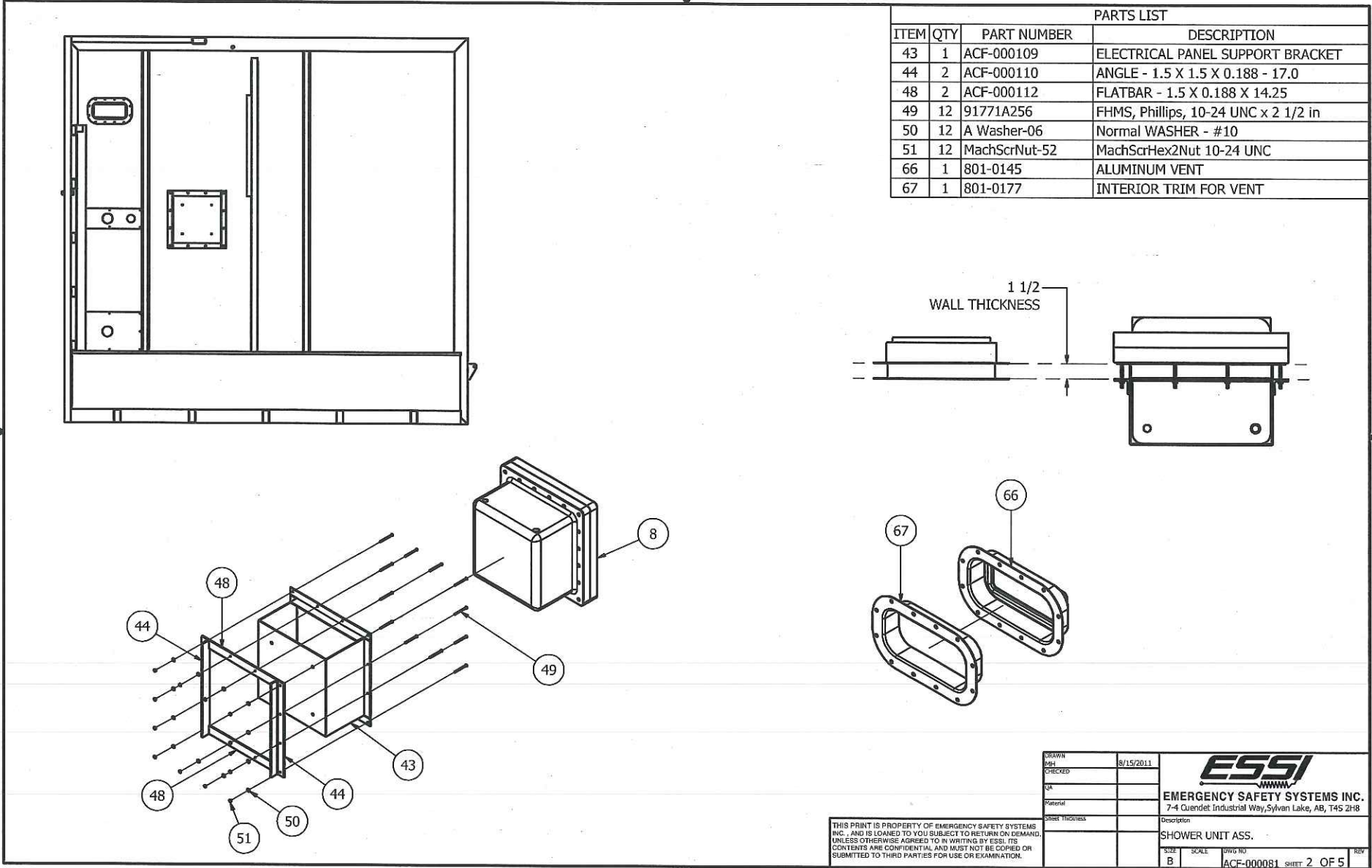
DATE

DWG 62

Pkg-6005

RA

2012-04-05



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VENDOR DRAWING/DOCUMENT SQUAD CHECK

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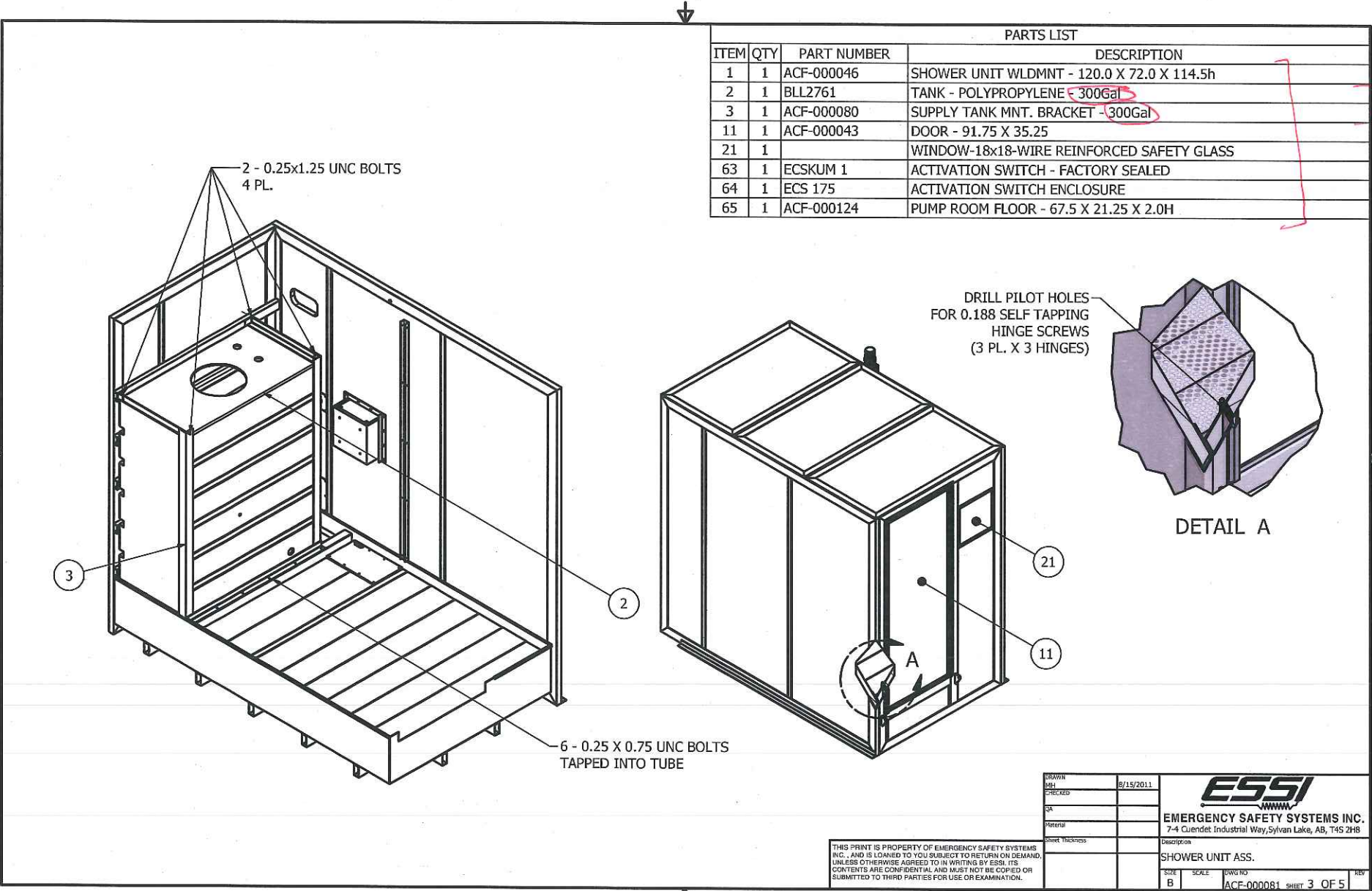
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SDR CODE
D4102

EQUIPMENT TAG
PK6-6005

REVIEWED BY
[Signature]

DATE
2012-04-05



tank to be 1.37 m³ as
per DATA SHEET.

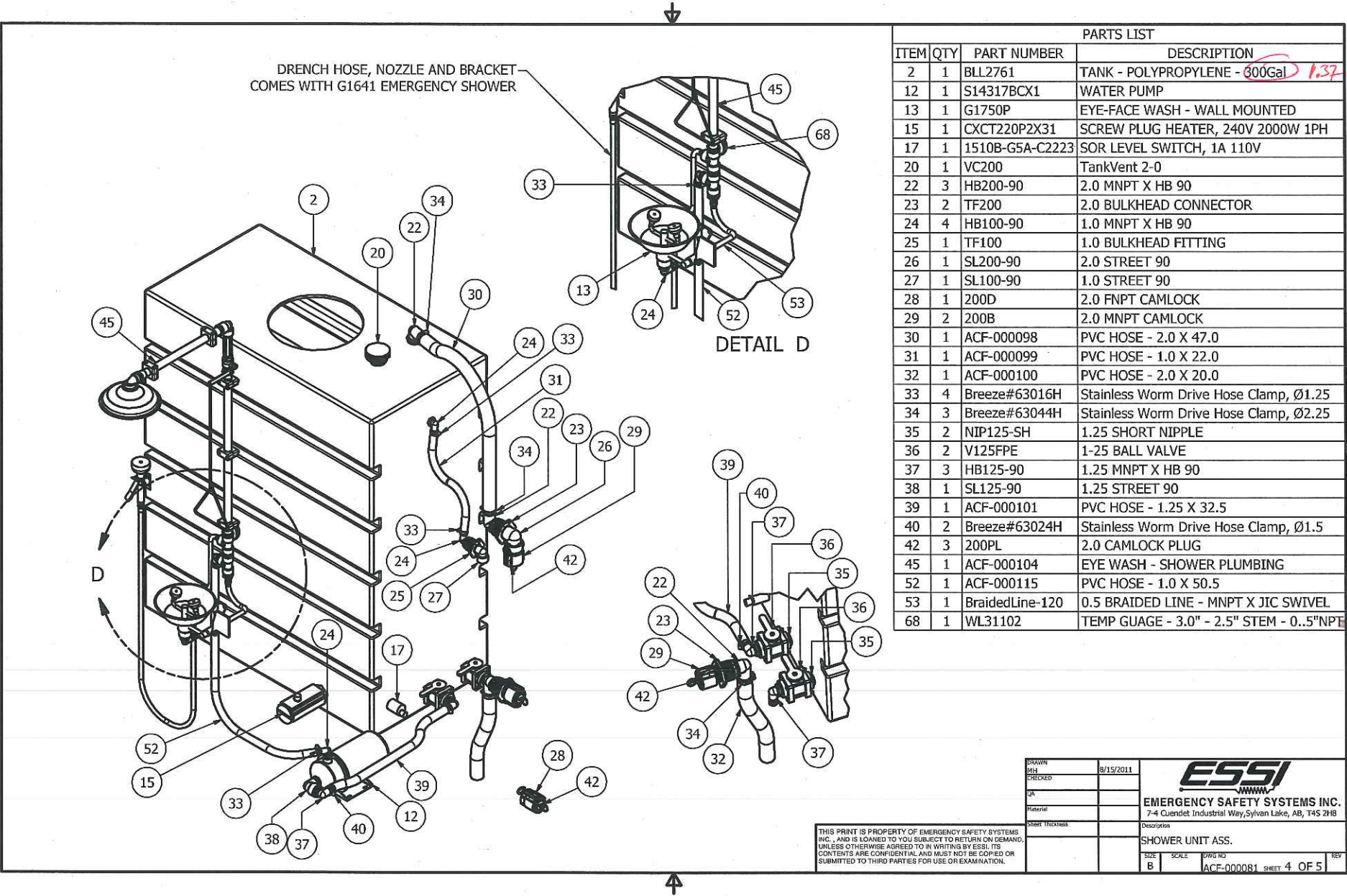
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SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
DM02	PKG-6005	Red	2012-04-05



Make & Model No.
GA

VISTA Projects Limited

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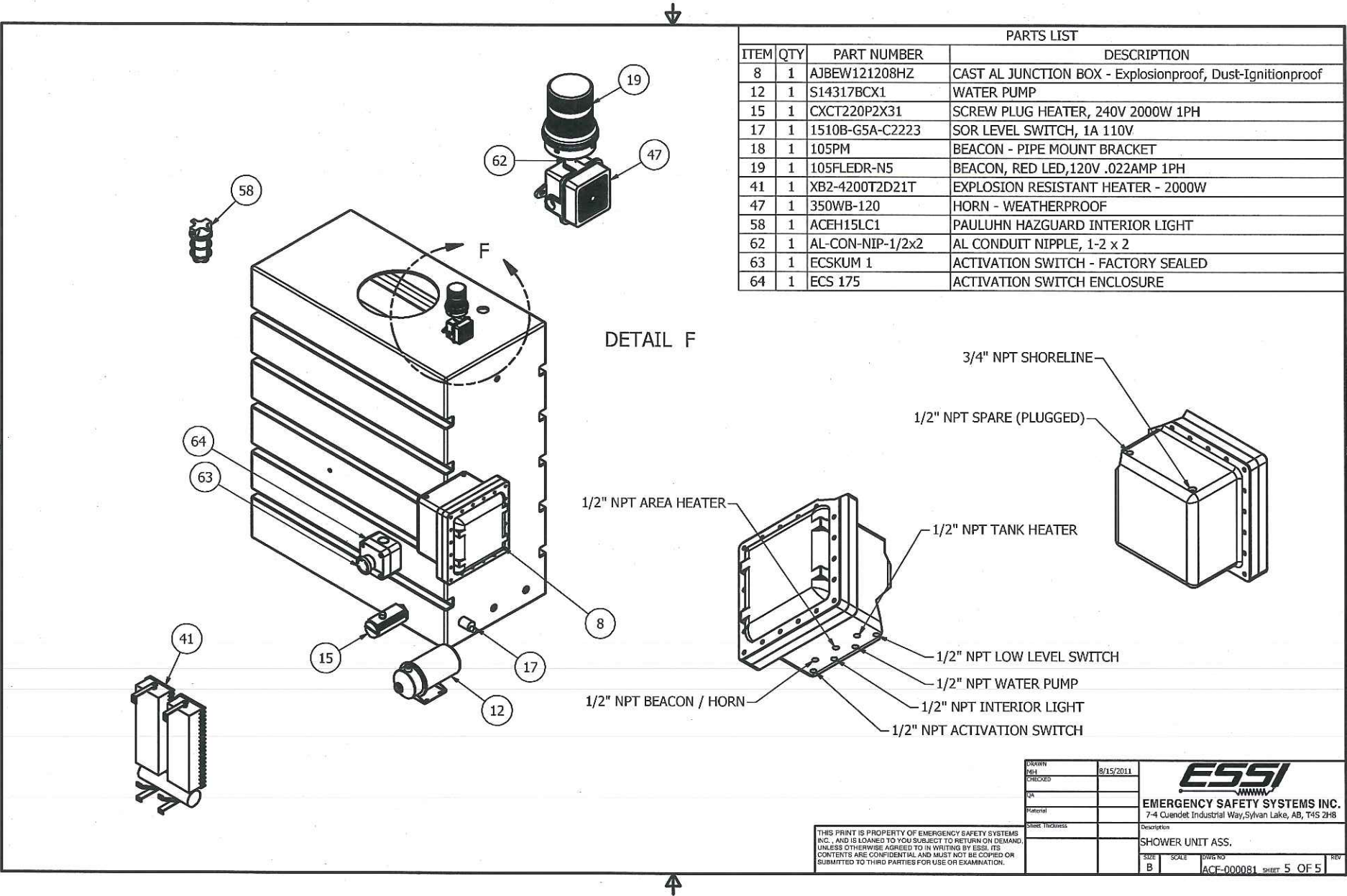
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SDR CODE
DM02

EQUIPMENT TAG
PLG-6005

REVIEWED BY
Dd

DATE
2012-04-05



VISTA Projects Limited			
VENDOR DRAWING/DOCUMENT SQUAD CHECK			
☒	A	Reviewed without exception. Proceed with fabrication. Issue final drawings/documents.	
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SDR CODE		EQUIPMENT TAG	REVIEWED BY
DM-02		PKG-6005	
			DATE
			2012-05-29

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	ACF-000038	FRONT WALL - 68.0 X 114.5
2	1	ACF-000037	SIDE WALL - 120 X 114.5
3	1	ACF-000161	SIDE WALL - 120 X 114.5 - 36in DOOR
4	1	ACF-000167	HOLDING TANK - 116 X 68 X 15
5	5	ACF-000035	RECT. TUBE - 4x2x0.125 - 68.0
6	2	ACF-000036	RECT. TUBE - 4x2x0.125 - 13.0
7	2	ACF-000059	RECT. TUBE - 4x2x.188 - 68.0
8	3	ACF-000048	RECT. TUBE - 4x2x0.125 - 115.5
9	1	ACF-000058	RECT. TUBE - 4x2x0.125 - 67.5
10	3	ACF-000085	RECT. TUBE - 4x2x0.125 - 25.5
11	1	ACF-000084	RECT. TUBE - 4x3x0.188 - 67.5
12	1	ACF-000075	ANGLE - 3 X 3 X 0.25 - 69.0
13	5	ACF-000068	RECT. TUBE - 3x1.5x0.125 - 68.0
14	1	ACF-000077	ANGLE - 2 X 2 X 0.25 - 2.0
15	1	ACF-000091	BACKING PLATE - 19.25 X 6.0 - 3.0, 2.25 HOLES
16	1	ACF-000090	BACKING PLATE - 19.25 X 11.625 - 3.0 HOLE
17	1	ACF-000057	SQ. TUBE - 2 X 2 X 0.125 - 67.5
18	1	ACF-000120	BACKING PLATE FOR INTERIOR HEATER
19	1	ACF-000069	DRIP EDGE - 0.68 X 0.41 - 115.5
20	2	ACF-000122	DRIP EDGE - 0.68 X 0.41 - 67.0
21	1	ACF-000169	DRIP EDGE - 0.68 X 0.41 - 73.75
22	1	ACF-000170	HOLDING TANK SUMP
23	2	ACF-000286	ANGLE - 3 x 3 x 0.25 - 117.0 - 45Deg

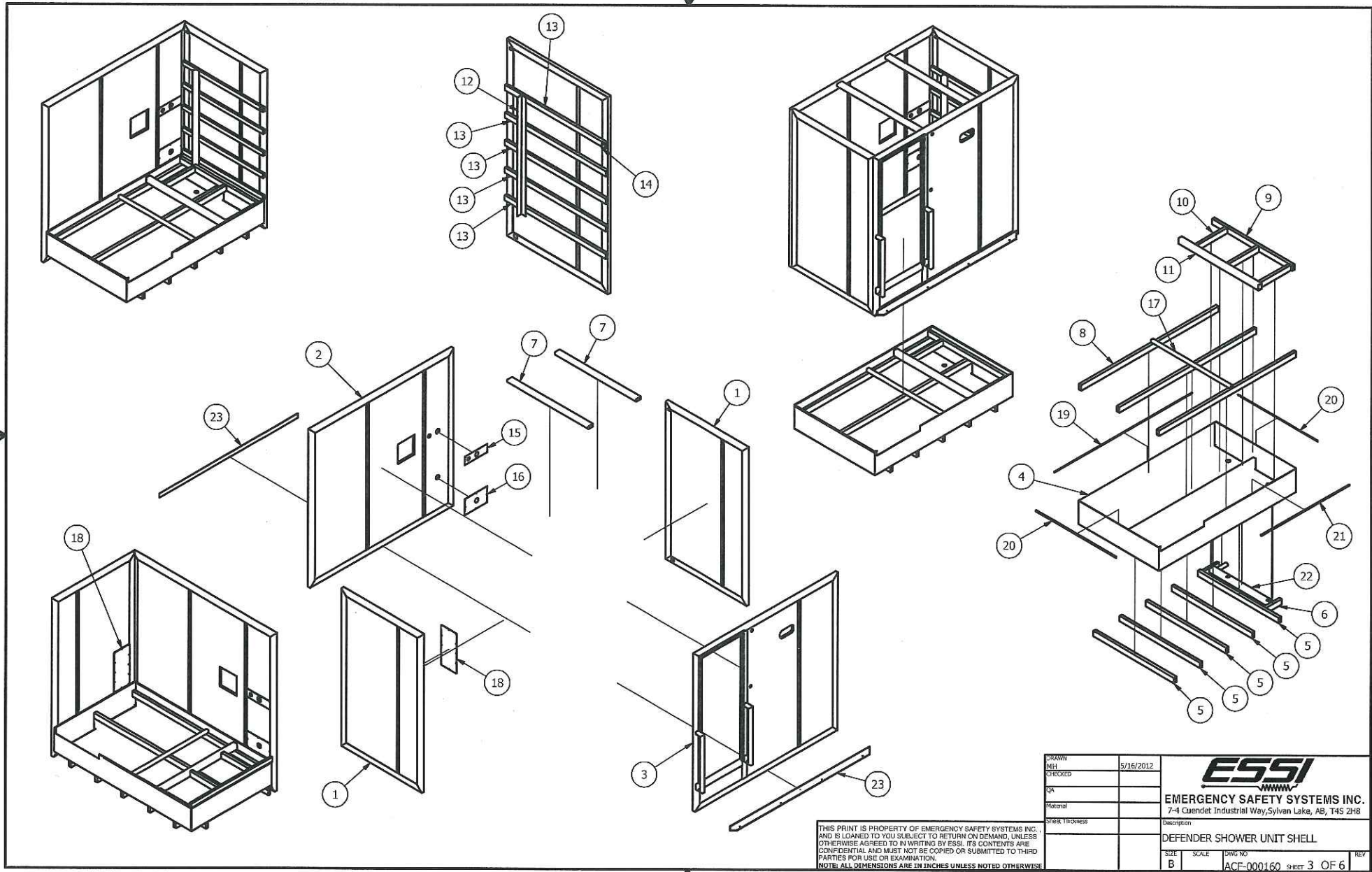
PROVIDE THE UPDATED
WIRING DIAGRAM DWS NO.
"ENC012".
REFER TO PREVIOUS VISTA
SUBMISSION OF ENC012
FOR COMMENTS.

PROVIDE THE SKID DRAWING
DETAILS

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Q/DRAWN	5/16/2012	 EMERGENCY SAFETY SYSTEMS INC. 7-4 Cuendet Industrial Way, Sylvan Lake, AB, T4S 2H6
M/H		
CHECKED		
QA		
Material		
Order / thickness		Description
		DEFENDER SHOWER UNIT SHELL
		SIZE: B SCALE: DWG NO: ACF-000160 SHEET 1 OF 6

VISTA Projects Limited			
VENDOR DRAWING/DOCUMENT SQUAD CHECK			
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SOR CODE		EQUIPMENT TAG	DATE
D4402		PK6-GW3	2012-05-29



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DRAWN	5/16/2012
CHECKED	
QA	
MATERIAL	
THICKNESS	

ESSSI	
EMERGENCY SAFETY SYSTEMS INC.	
7-4 Cuendet Industrial Way, Sylvan Lake, AB, T4S 2H8	
Description	
DEFENDER SHOWER UNIT SHELL	
SIZE	SCALE
B	ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE
DWG NO	REV
ACF-000160	3 OF 6

VISTA Projects Limited

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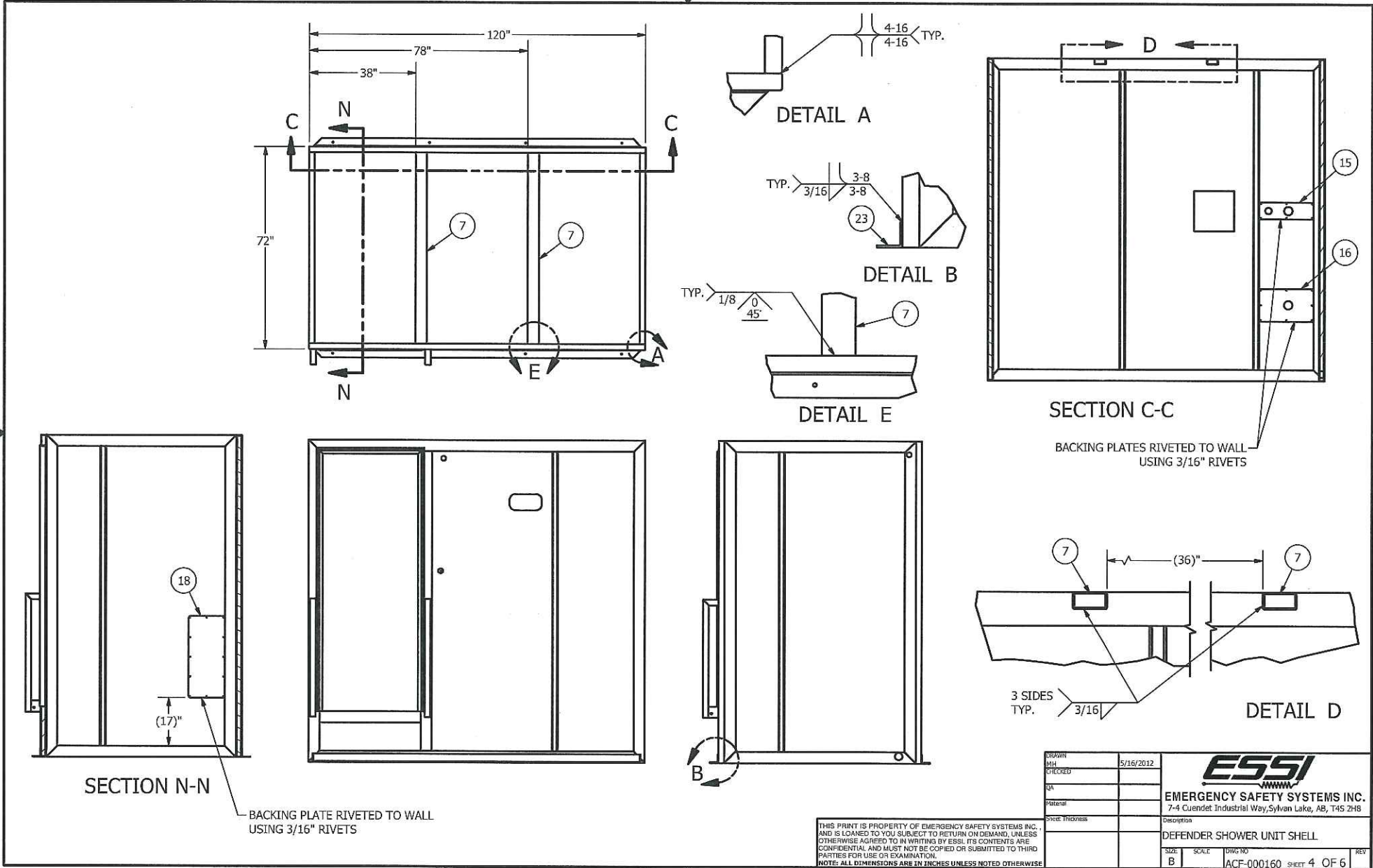
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SDR CODE
D4102

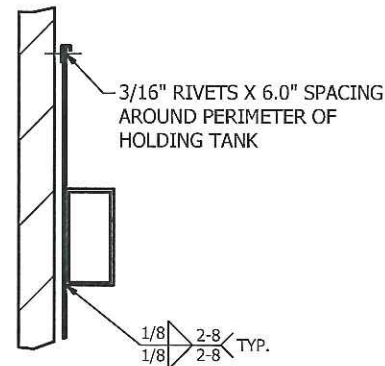
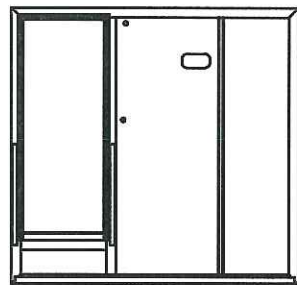
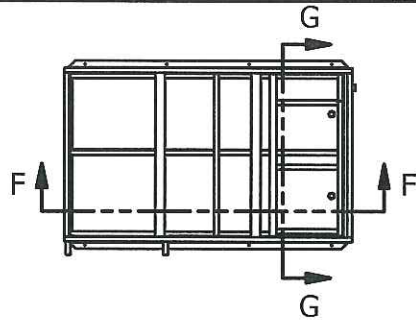
EQUIPMENT TAG
PLG-6005

REVIEWED BY
[Signature]

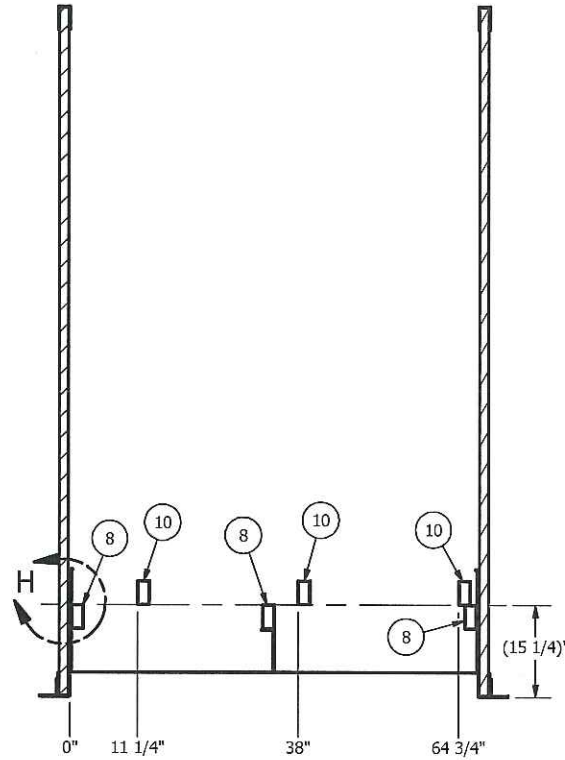
DATE
2022-05-29



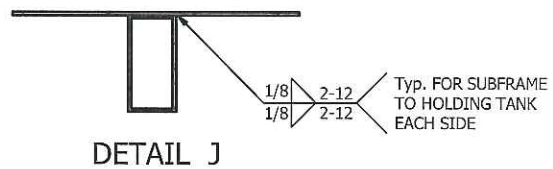
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SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
D462	PKG-6005	[Signature]	2012-05-29



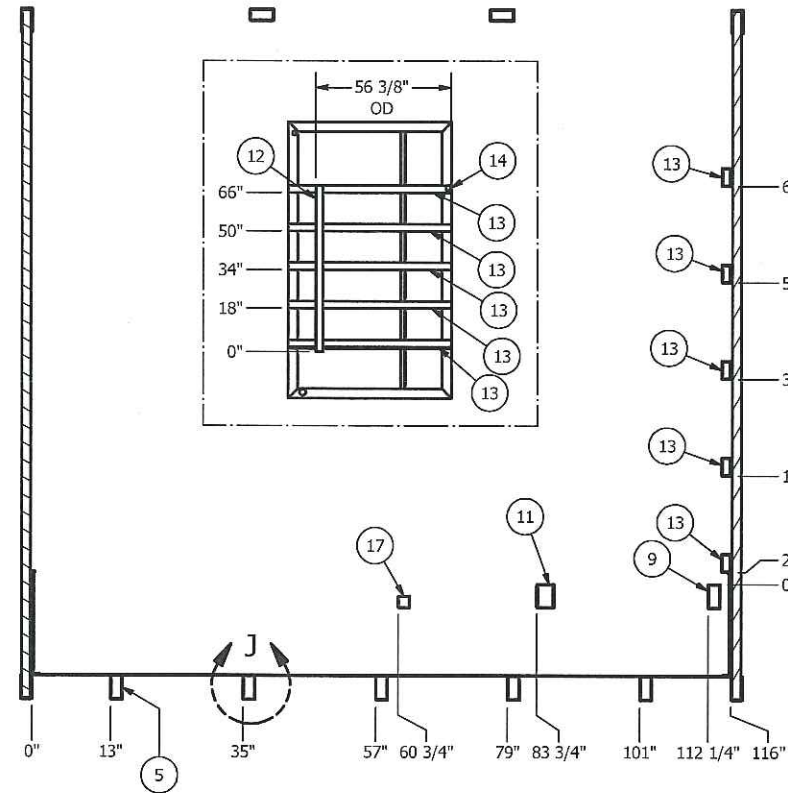
DETAIL H



SECTION G-G



DETAIL J



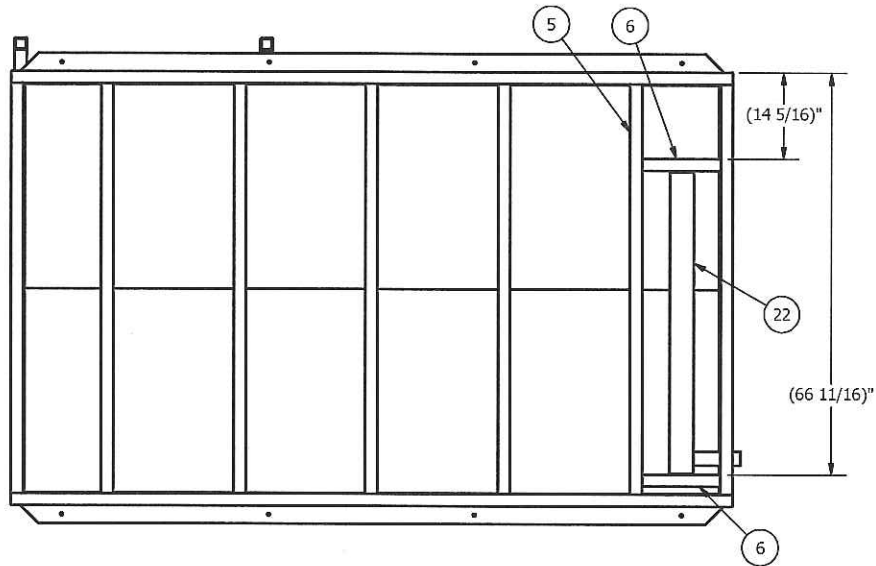
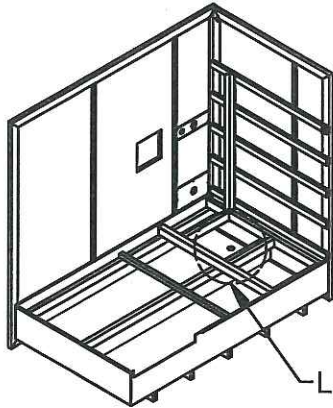
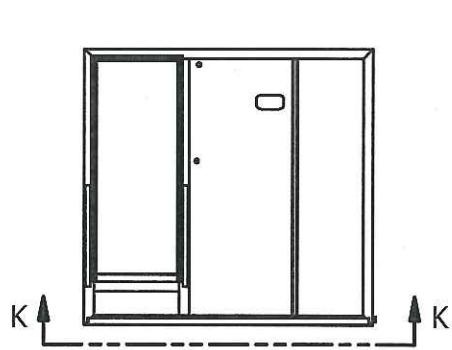
SECTION F-F

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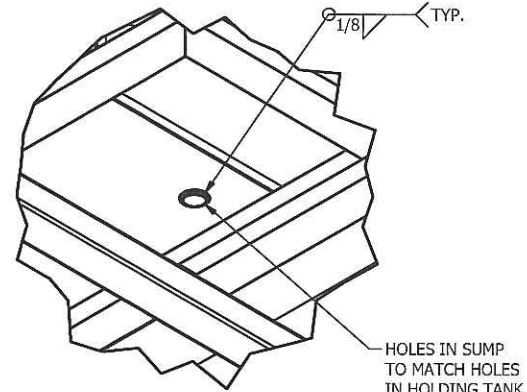
DRAWN	5/16/2012
CHECKED	
QA	
MATERIAL	
DATE TO ORDER	

ESSI	
EMERGENCY SAFETY SYSTEMS INC.	
7-4 Cuendet Industrial Way, Sylvan Lake, AB, T4S 2H8	
Description	
DEFENDER SHOWER UNIT SHELL	
SIZE	SCALE
B	
DWG NO	REV
ACF-000160	
SHEET 5 OF 6	

VISTA Projects Limited			
VENDOR DRAWING/DOCUMENT SQUAD CHECK			
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VIEW K-K



DETAIL L

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DRAWN	5/16/2012	ESSSI EMERGENCY SAFETY SYSTEMS INC. 7-4 Cuendet Industrial Way, Sylvan Lake, AB, T4S 2H8	
CHECKED			
QA			
MATERIAL			
DATE THICKNESS		Description	
		DEFENDER SHOWER UNIT SHELL	
SIZE	SCALE	DWG NO	REV
B		ACE-000160	SHEET 6 OF 6

VISTA Projects Limited

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SDR CODE

PM-02

EQUIPMENT TAG

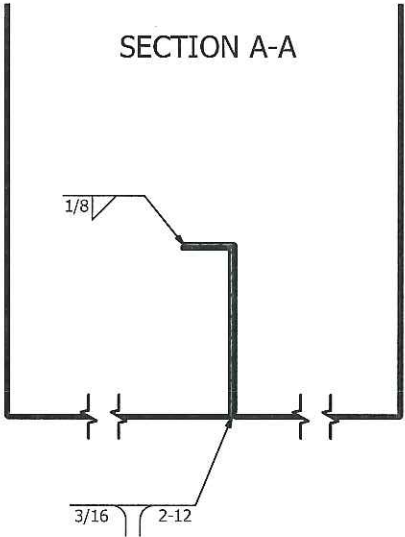
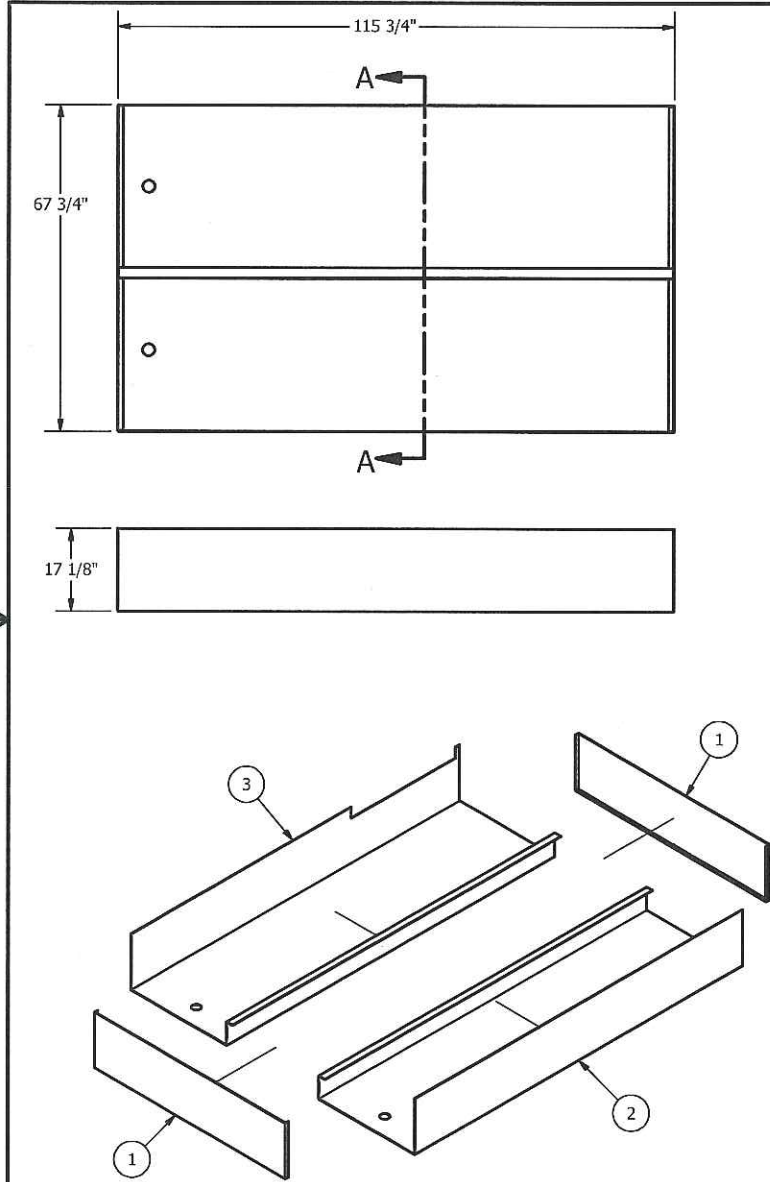
PLG-0005

REVIEWED BY

DL

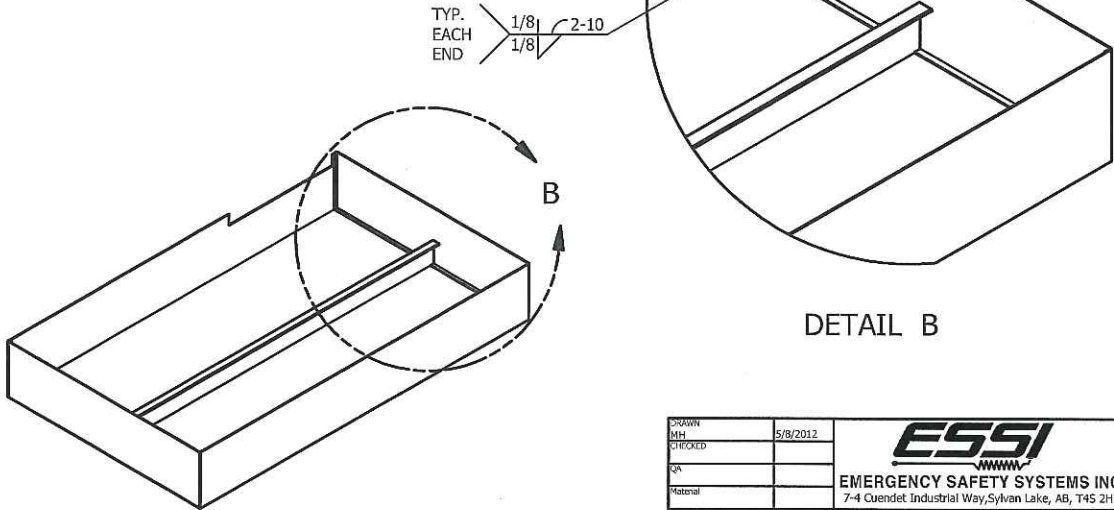
DATE

2012-05-29



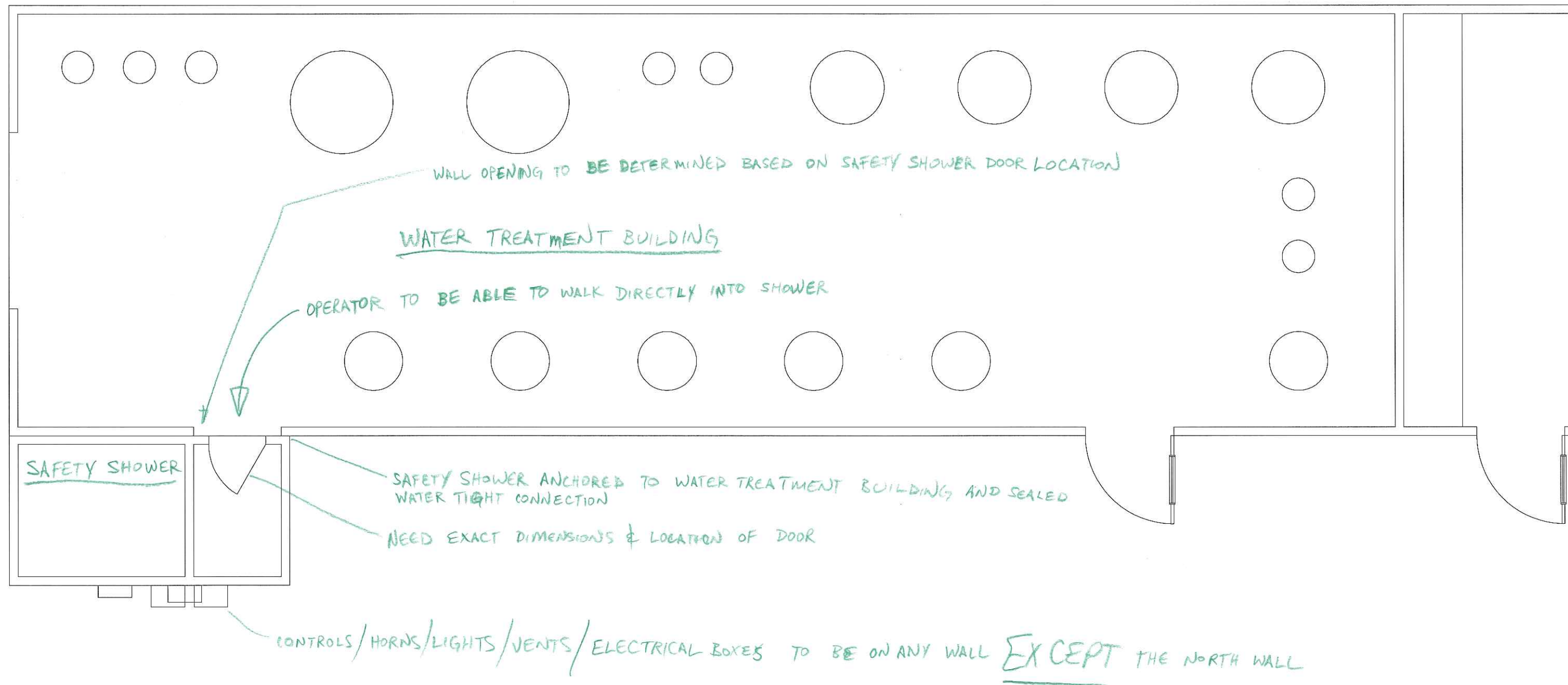
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	ACF-000052	HOLDING TANK FRONT WALL - 17H X 67.5W
2	1	ACF-000053	HOLDING TANK FLOOR - LT - 33.875x17.0x115.5
3	1	ACF-000168	HOLDING TANK FLOOR - RT - 33.875x17.0x115.5

ALL SEAMS WELDED SOLID
MUST BE WATER TIGHT

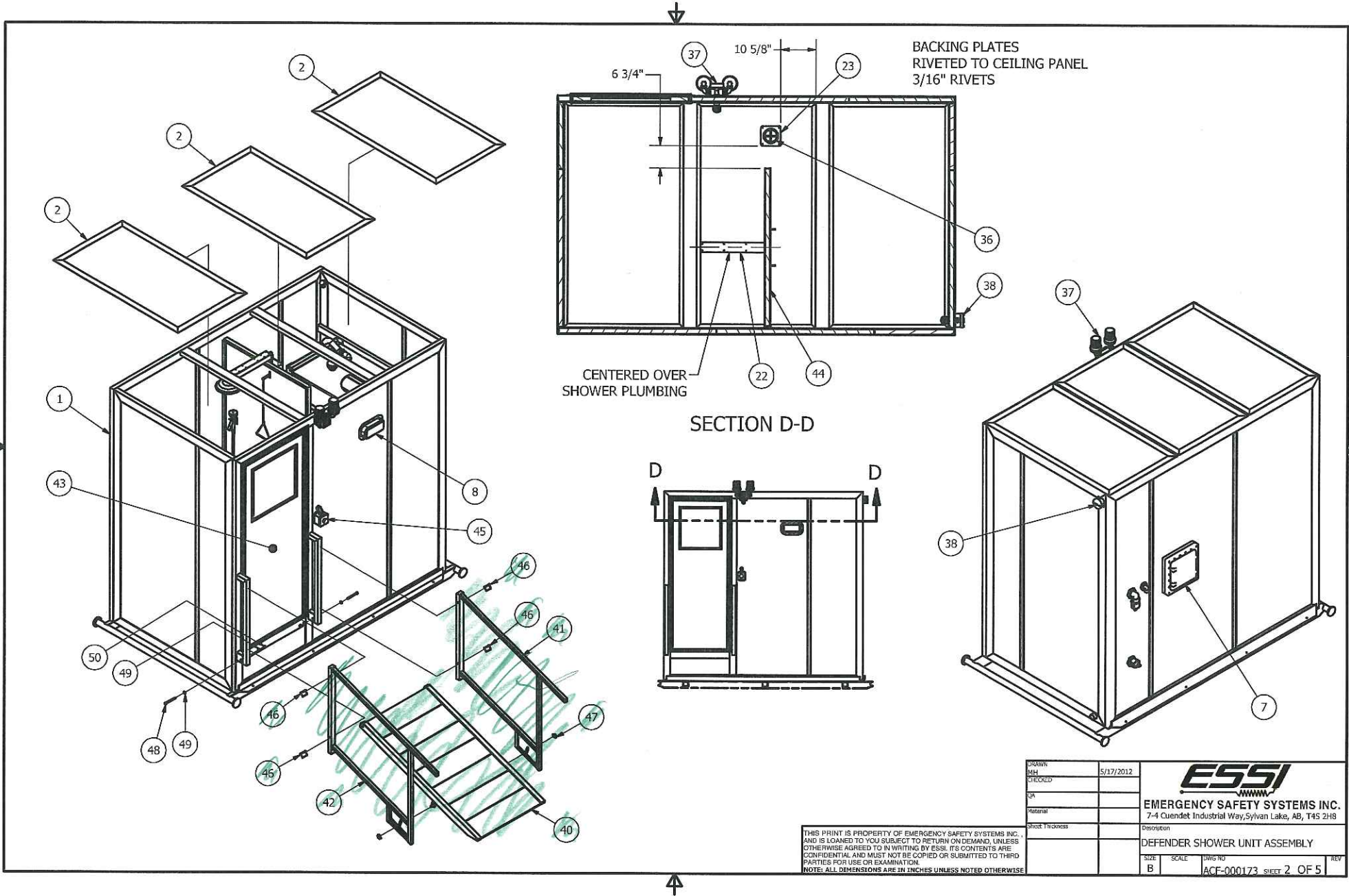


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NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE

DESIGN	5/8/2012	ESSI EMERGENCY SAFETY SYSTEMS INC. 7-4 Quendel Industrial Way, Sylvan Lake, AB, T4S 2H8	
CHECKED			
QA		Description HOLDING TANK - 116 X 68 X 15	
Material			
Sheet Thickness		SIZE	SCALE
		B	
		DRW NO	REV
		ACF-000167	SHEET 1 OF 1



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C	Not accepted. Revise as marked and resubmit drawing/document for review. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.	SDR CODE	
D	Not required for review. Received for information.		
Reviewed only as to general conformity with the design concept and specifications provided. The engineer does not warrant or represent that the information contained on this drawing/document is either accurate or complete. Sole responsibility for correct design, detail and dimensions shall remain with the party submitting the drawing/document.			
		PKG 6005	2012-05-31



VISTA Projects Limited

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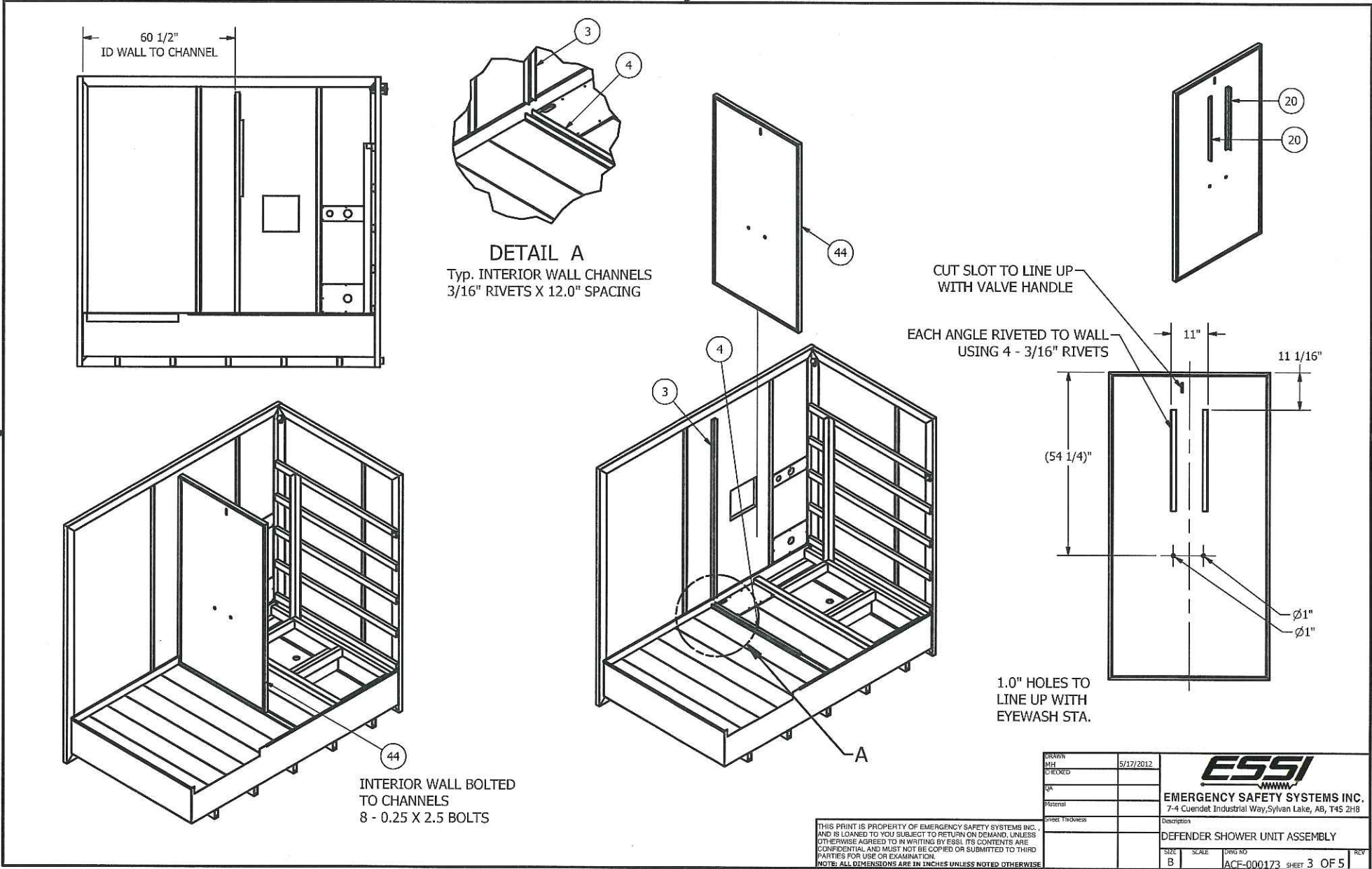
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SDR CODE
P402

EQUIPMENT TAG
PLG-6005

REVIEWED BY
[Signature]

DATE
2012-05-29



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NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE

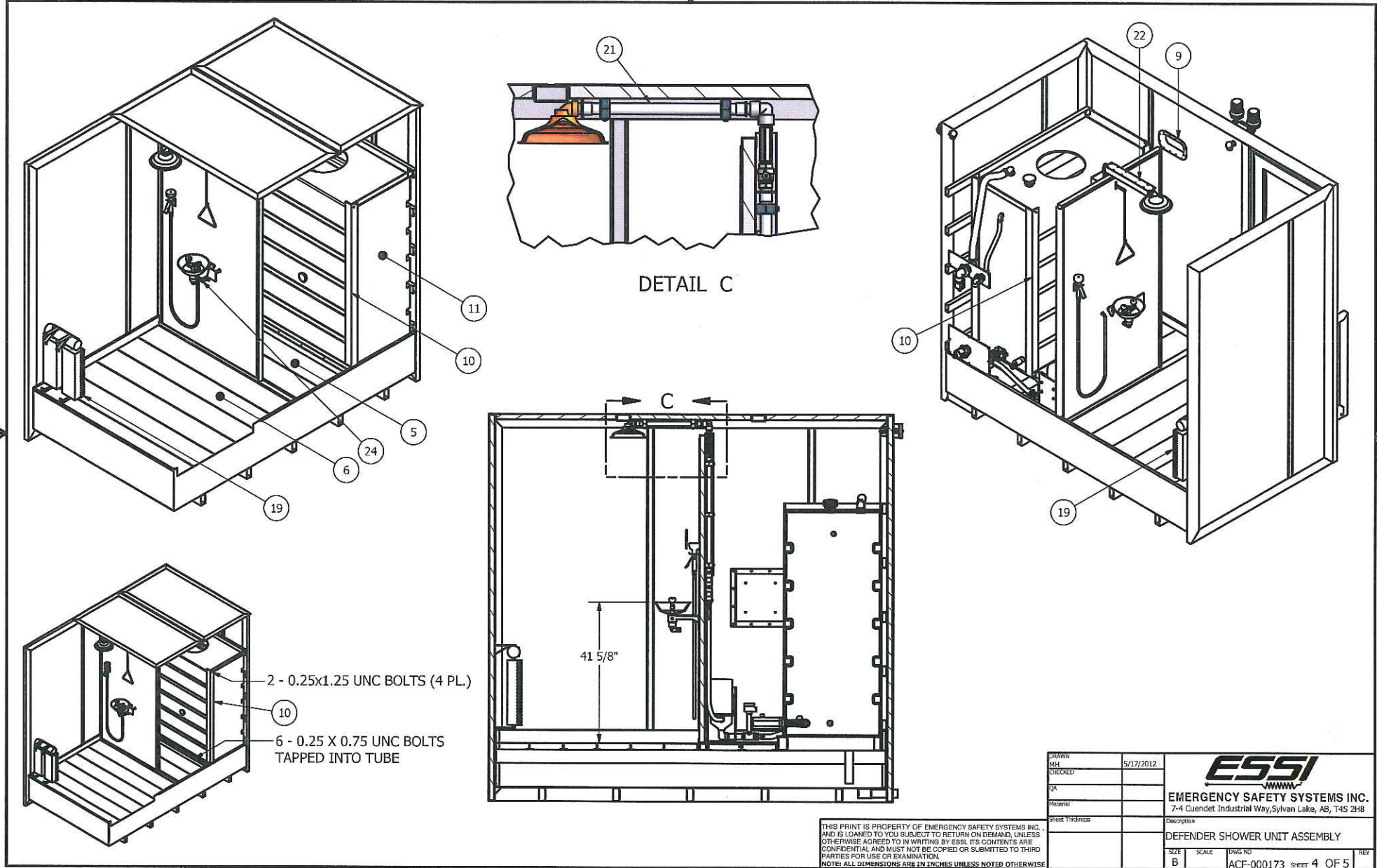
DRAWN	5/17/2012	ESSSI EMERGENCY SAFETY SYSTEMS INC. 7-4 Cuendet Industrial Way, Sylvan Lake, AB, T4S 2H6
CHECKED		
QA		
Material		
Part Thickness		Description
		DEFENDER SHOWER UNIT ASSEMBLY
SIZE	SCALE	WORK NO
B		ACF-000173 SHEET 3 OF 5

VISTA Projects Limited

VENDOR DRAWING/DOCUMENT SQUAD CHECK

A.	Reviewed without exception. Proceed with fabrication. Issue final drawing/documents.	SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
B.	Reviewed except as marked and/or noted. Proceed with fabrication and resubmit drawing/document. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.	PM02	PKG-605	OK	2012-05-29
C.	Not accepted. Revise as marked and resubmit drawing/document for review. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.				
D.	Not required for review. Received for information.				

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VISTA Projects Limited
VENDOR DRAWING/DRAWING SQUAD CHECK

A

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B

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C

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D

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SDR CODE

DATE

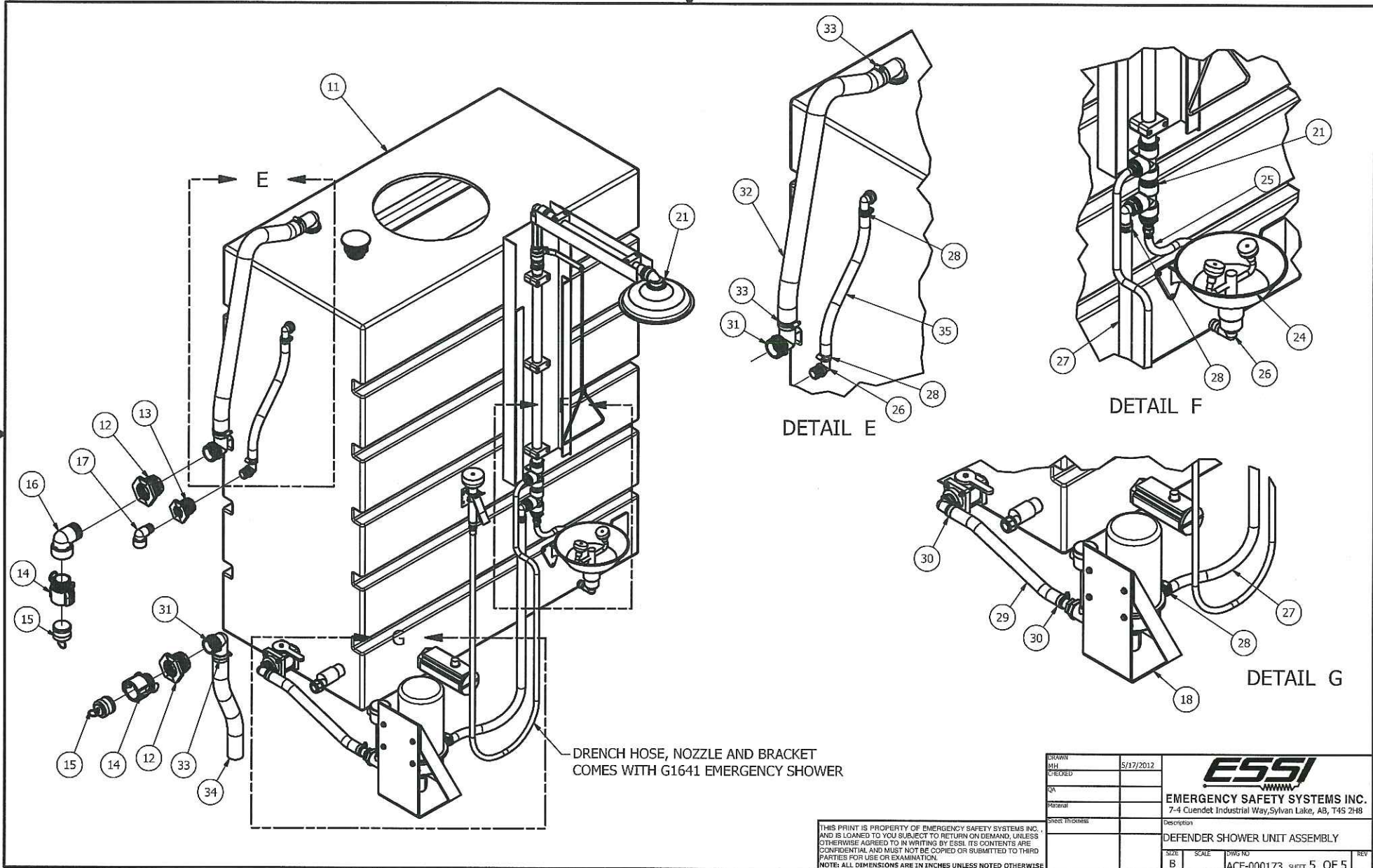
DM02

2012-05-23

EQUIPMENT TAG

REVIEWED BY

PKG-6005



VISTA Projects Limited

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SDR CODE

EQUIPMENT TAG

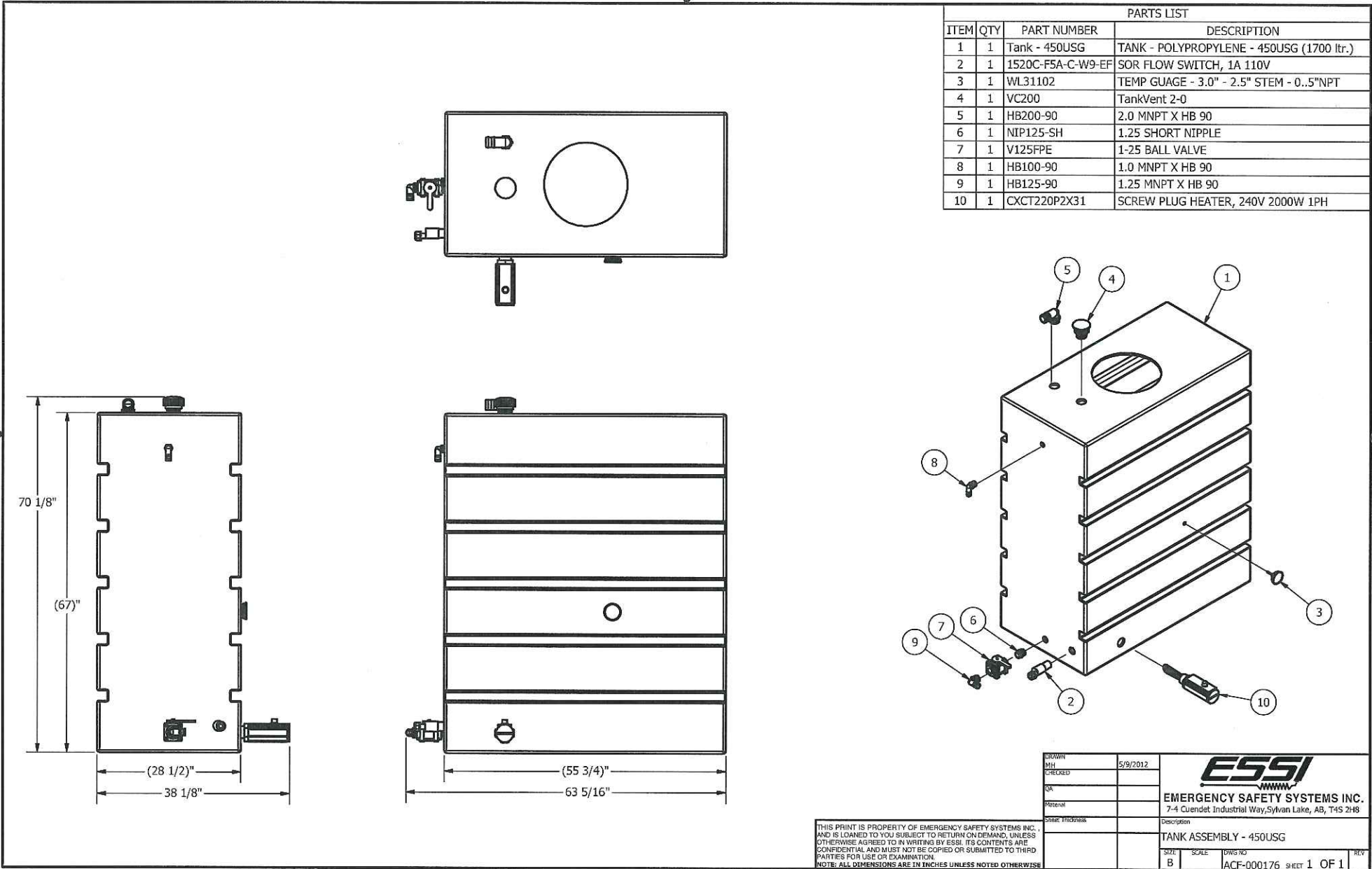
REVIEWED BY

DATE

DM02

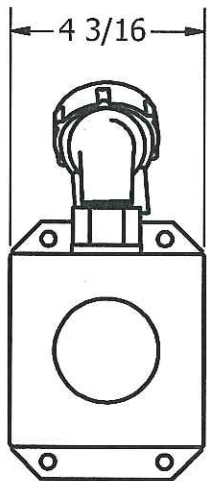
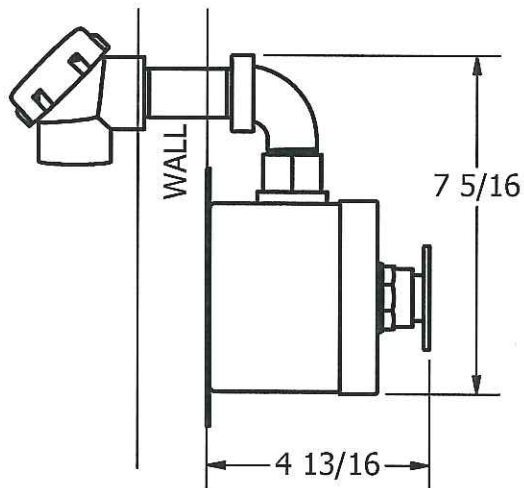
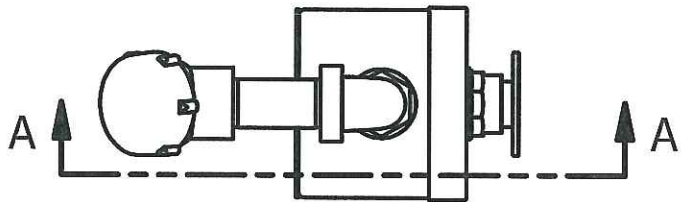
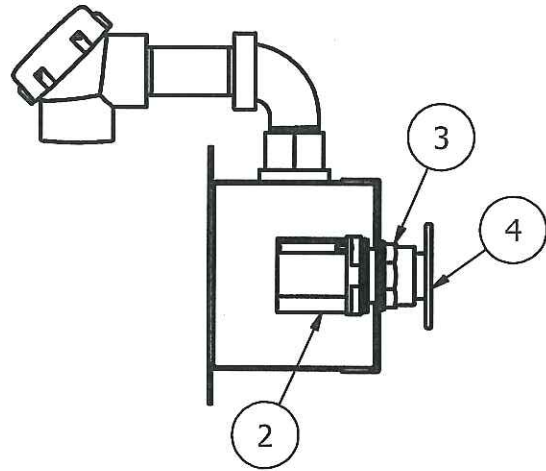
PK6-6005

2012-05-21



VISTA Projects Limited			
VENDOR DRAWING/DOCUMENT SQUAD CHECK			
A	Reviewed without exception. Proceed with fabrication. Issue final drawings/documents.	Reviewed BY	DATE
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C	Not accepted. Revise as marked and resubmit drawing/document for review. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.	EQUIPMENT TAG	PK4-6005
D	Not required for review. Received for information.	SDR CODE	DM-02
Reviewed only as to general conformity with the design concept and specifications provided. The engineer does not warrant or represent that the information contained on this drawing/document is either accurate or complete. Sole responsibility for correct design, detail and dimensions shall remain with the party submitting the drawing/document.			

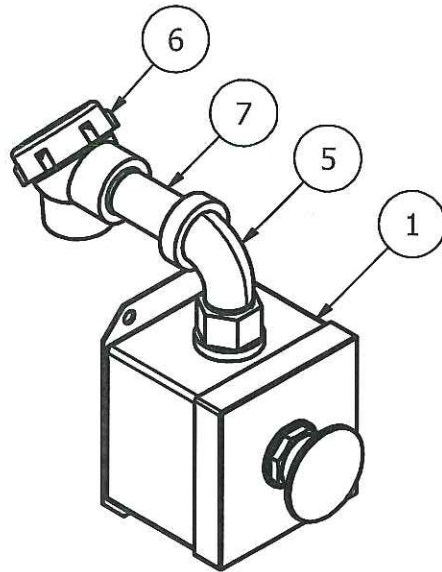
SECTION A-A



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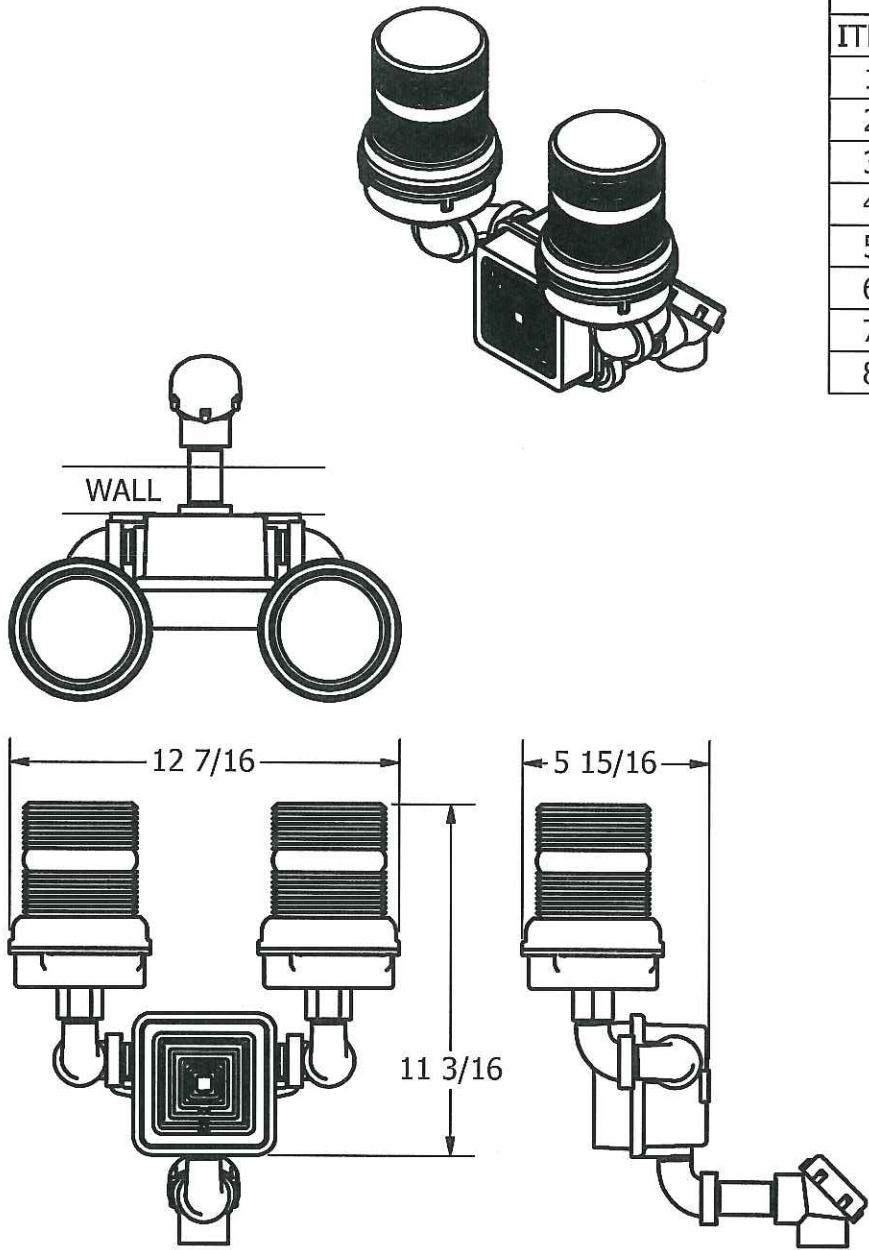
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	9001KYSS1	SINGLE BUTTON ENCLOSURE - SQUARE D
2	1	9001KA52	SWITCH - SQUARE D
3	1	9001KR9R	OPERATOR - SQUARE D
4	1	9001R21	PUSH BUTTON - RED - SQUARE D
5	1	44705K128	STREET ELBOW - 0.75 NPT
6	1	GYF-2	ELBOW, CAPPED, 0.75 NPT, AL
7	1	AL-CON-NIP-3/4x3	AL CONDUIT NIPPLE, 3-4 x 3

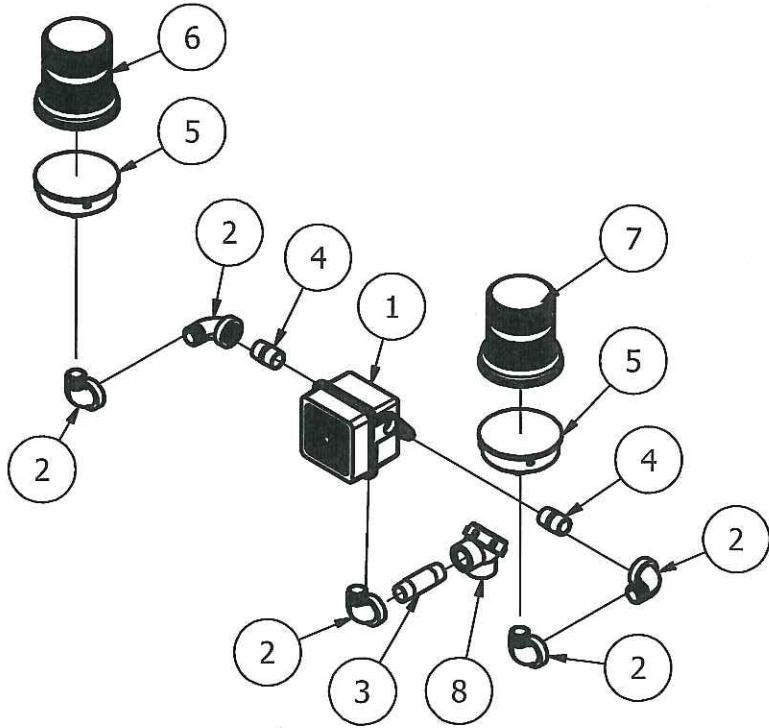


DRAWN	MH	4/14/2012	ESSI EMERGENCY SAFETY SYSTEMS INC. 7-4 Cuendet Industrial Way, Sylvan Lake, AB, T4S 2H8
CHECKED	QA		
Material	Sheet Thickness		
Description PUSH BUTTON ACTIVATION ASSEMBLY			
SIZE	SCALE	DWG NO	REV
A		ACF-000272	SHEET 1 OF 1

VISTA Projects Limited			
VENDOR DRAWING/DOCUMENT SQUAD CHECK			
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C	Not accepted. Revise as marked and resubmit drawing/document for review. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.	PM02	
D	Not required for review. Received for information.		
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PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	350WB-120	HORN - WEATHERPROOF
2	5	44705K128	STREET ELBOW - 0.75 NPT
3	1	AL-CON-NIP-3/4x3	AL CONDUIT NIPPLE, 3-4 x 3
4	2	AL-CON-NIP-3/4x1.5	AL CONDUIT NIPPLE, 3-4 x 1,5
5	2	105PM	BEACON - PIPE MOUNT BRACKET
6	1	105FLEDR-N5	BEACON, RED LED,120V .022AMP 1PH
7	1	105FLEDA-N5	BEACON, AMBER LED,120V .022AMP 1PH
8	1	GYF-2	ELBOW, CAPPED, 0.75 NPT, AL



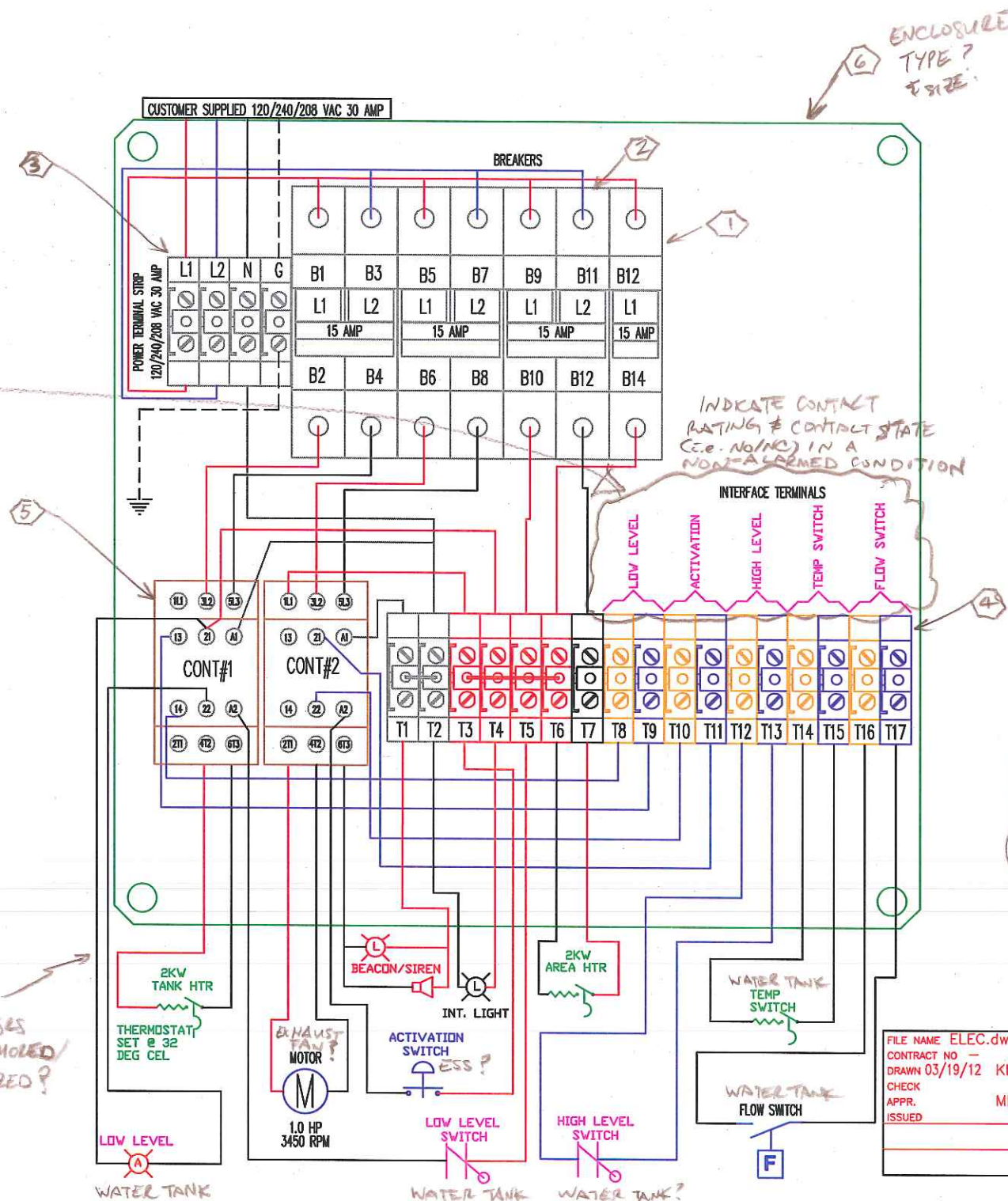
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DRAWN	4/14/2012	ESSI EMERGENCY SAFETY SYSTEMS INC. 7-4 Cuendet Industrial Way, Sylvan Lake, AB, T4S 2H8	
CHECKED			
QA			
Material			
Sheet Thickness		Description	
		VISUAL AND AUDIBLE ALARM ASSEMBLY	
SIZE	SCALE	DWG NO	REV
A		ACF-000277	SHEET 1 OF 1

PROVIDE BOM FOR ALL EQUIPMENT/INSTRUMENTS

Provide Make and Model No. for these instruments.
GIA

INDICATE WHETHER CONDUCTORS IN CONDUIT OR ARMORED/TELE CABLE UTILIZED?



ENCLOSURE TYPE? & SIZE?

BILL OF MATERIALS

ITEM NO.	DESCRIPTION	MANUFACTURER	CATALOGUE NO.	QUANTITY
1	SINGLE POLE BREAKERS	---	---	---
2	DUAL POLE BREAKERS	---	---	---
...	...	...	...	...
5	CONTACTOR (240V) COMES WITH XX NO/NC CONTACTS	---	---	---
	2KW TANK HEATER C/W THERMOSTAT	---	---	---
	IND. MOTOR, 1HP, 240V, 3450 RPM, SF. 1.0	---	---	---
	FLOW SWITCH	---	---	---
	TEMP SWITCH	---	---	---
	BEACON LIGHT	---	---	---
	SIREN	---	---	---
	...	---	---	---
	INT. LIGHT, XX W, MH OR HPS?	---	---	---
	ENCLOSURE, TYPE & SIZE?	---	---	---

NOTES:

#INSTRUMENT

1. ALL ELECTRICAL EQUIPMENT/DEVICES ARE SUITABLE FOR CLASS 1, ZONE 2, GROUP IIA, TEMP. T2B AREA CLASSIFICATION.

2.

FILE NAME: ELEC.dwg	CONTRACT NO.:	WIRING DIAGRAM
DRAWN 03/19/12 KL	CHECK APPR.:	GUARDIAN
ISSUED	ML	
SIZE: A	FSCM NO: -	DWG NO: ENC012
SCALE: 1"=1'-0"		SHEET: REV

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SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
DE 06	PLG-6005	DL	2012-04-05

ESS - EMERGENCY SAFETY SHOWER



CODE SHEET

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SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
DC03	PKG-6005		JUL 11 2012

PROJECT NAME: Murphy Cadette / 1780

VENDOR NAME: ESSI / 1780-054

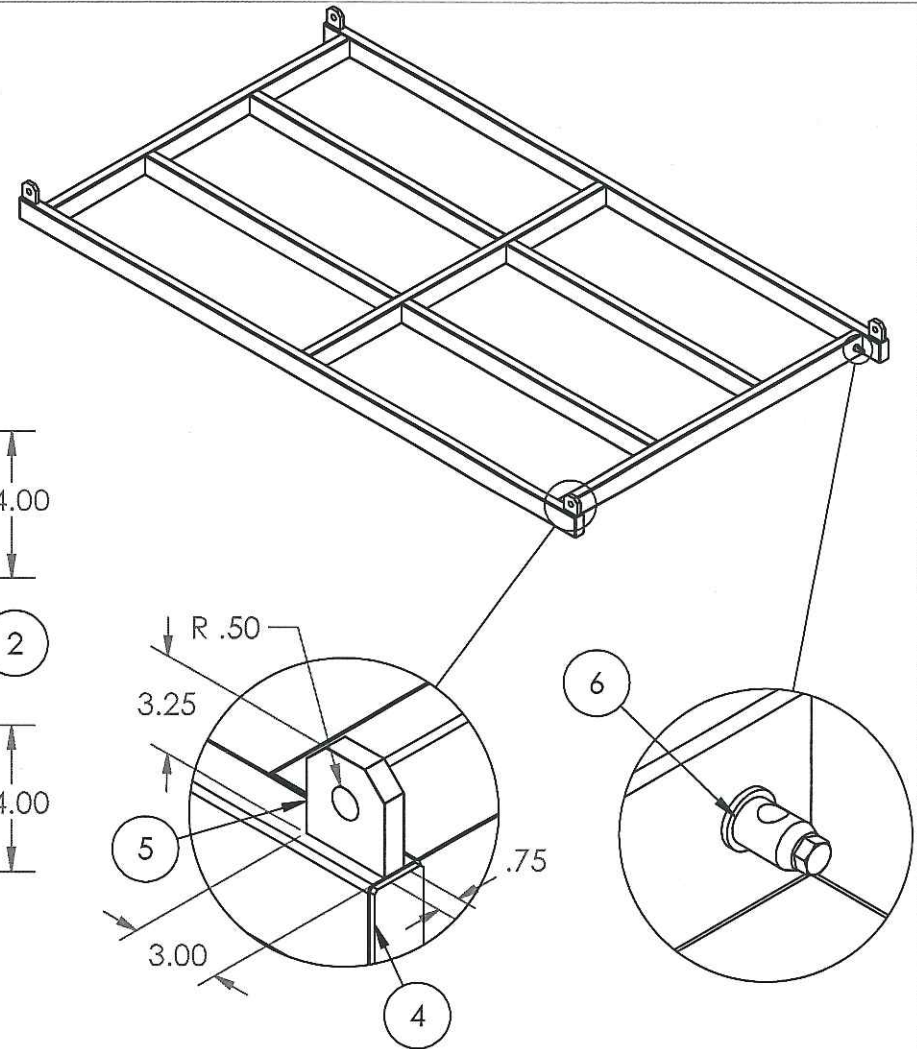
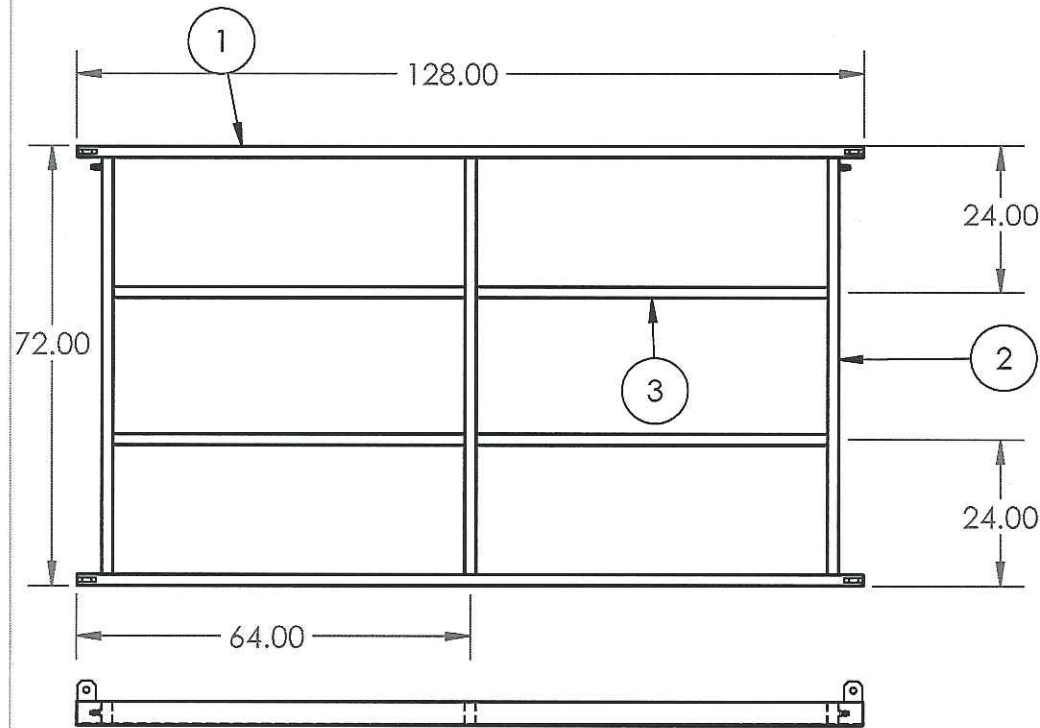
DOCUMENT
NUMBER: ESS03-0612

VENDOR
REVISION: 1

DOCUMENT
DESCRIPTION: Emergency Shower Skid

VENDOR
TRANSMITTAL
NUMBER: Revision #1 Update

ITEM NO.	DESCRIPTION	QTY.
1	TUBE, RECTANGULAR 4.00 X 2.00 X .19	2
2	TUBE, RECTANGULAR 4.00 X 2.00 X .19	3
3	TUBE, RECTANGULAR 4.00 X 2.00 X .19	4
4	CAP, 1.875 X 3.875 X 0.1875	4
5	LIFTING POINTS	4
6	GROUNDING LUGS BOTH ENDS 0.5IN OPENING	2



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

NAME

DATE

DRAWN

Laurence L.

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:



#7-4
Cuendet Ind Way
Sylvan Lake AB
T4S 2H8

Emergency Safety Systems Inc.

Emergency Shower Skid

SIZE

DWG. NO.

REV

A

ESS03-0612

1

SCALE: 1:30 WEIGHT:

SHEET 1 OF 1

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SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
DC03	PKG-6005	DL	JUL 11 2012

PROJECT NAME: Murphy Cadotte / 1780

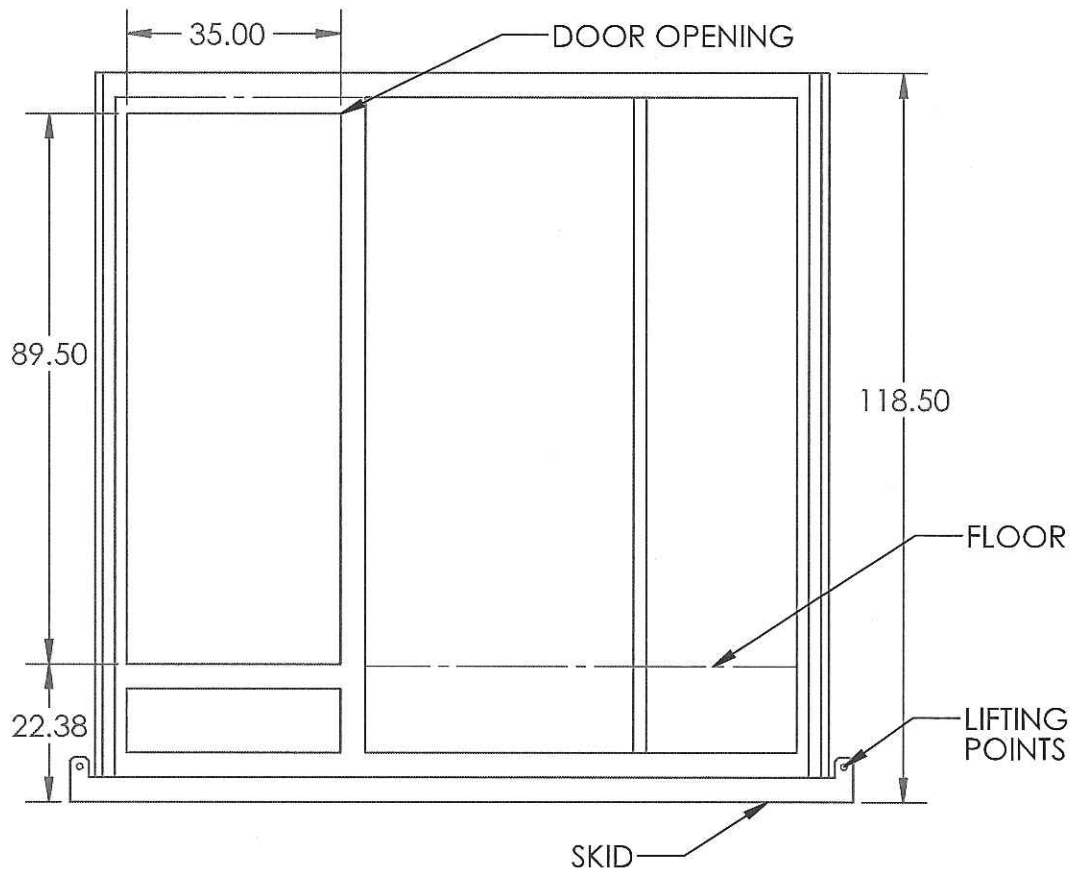
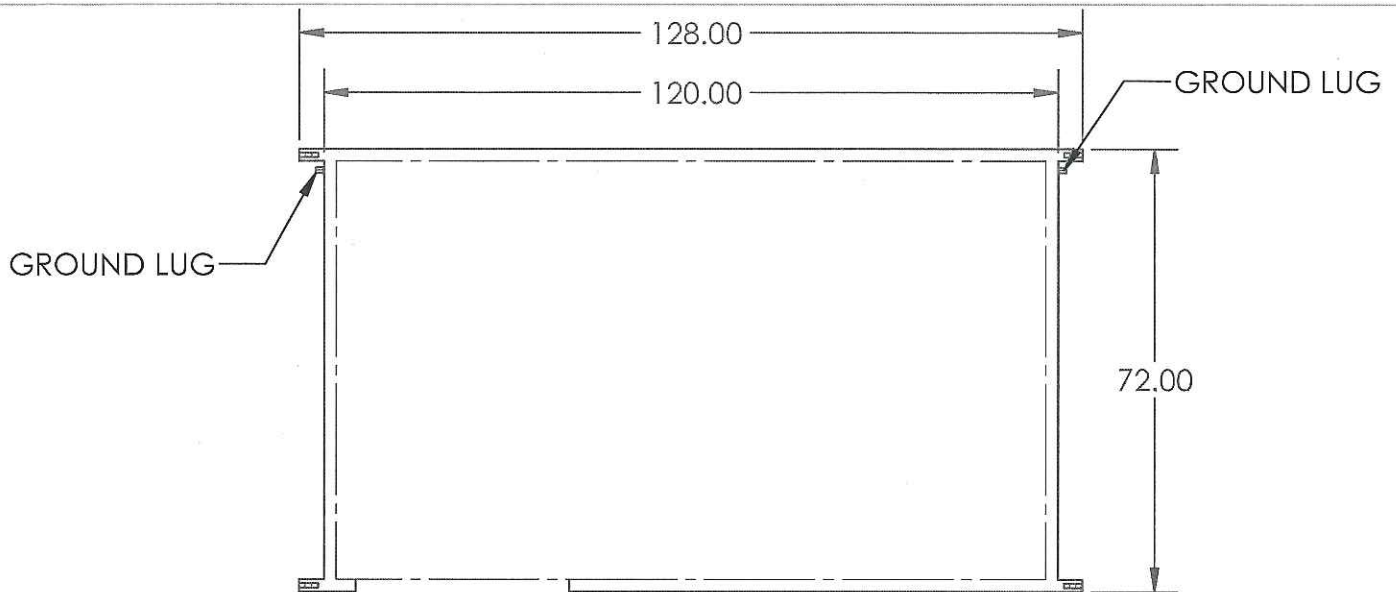
VENDOR NAME: ESSI / 1780 - 054

DOCUMENT
NUMBER: ESS08 - 0712

VENDOR
REVISION: 1

DOCUMENT
DESCRIPTION: Shower Skid Structure

VENDOR
TRANSMITTAL
NUMBER: Revision #1 Update



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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	
		MATERIAL	
		FINISH	
NEXT ASSY	USED ON		
APPLICATION		DO NOT SCALE DRAWING	

	NAME	DATE
DRAWN	Laurence L.	
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

ESSI #1-4
Cuendet Ind Way
Sylvan Lake AB
T4S 2H8
Emergency Safety Systems Inc.

**Guardian Emergency
Shower Skid Structure**

SIZE	DWG. NO.	REV.
A	ESS08-0712	1

SCALE: 1:48 WEIGHT: SHEET 1 OF 1



CODE SHEET

VISTA Projects Limited			
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SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
DE04	6005		2012-06-27

PROJECT NAME: Murphy Cadotte CSS/1780

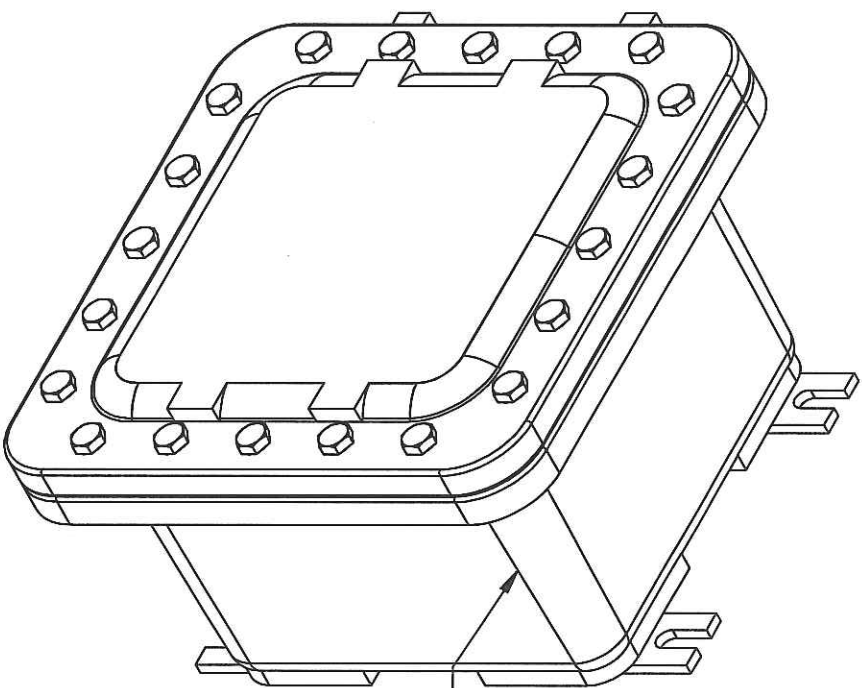
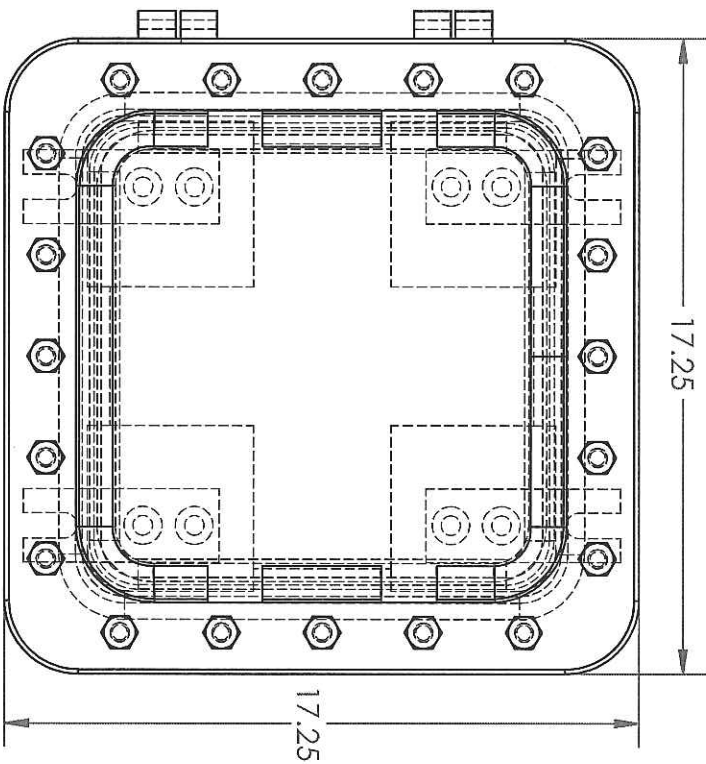
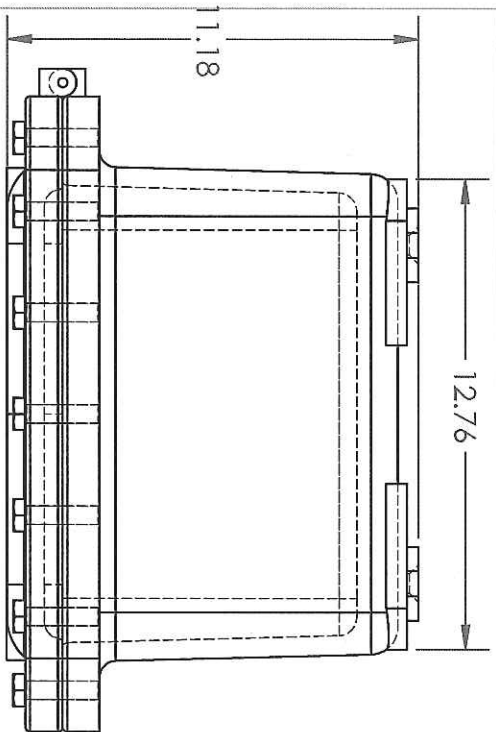
VENDOR NAME: ESSI/1780-054

DOCUMENT
NUMBER: ESS09-0612-1

VENDOR
REVISION: 01

DOCUMENT
DESCRIPTION: Electrical Enclosure Appleton ALBEW12108

VENDOR
TRANSMITTAL
NUMBER: VISTA-FRM-DC-09_Murphy Oil 1780_Vendor Transmittal



APPLETON EXPLOSION
PROOF
ENCLOSURE
P/N - JBEW12108
CLASS 1 GROUPS
A B C & D

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TOLERANCES:
FRACTIONAL: $\pm$
ANGULAR: MACH $\pm$ BEND $\pm$
TWO PLACE DECIMAL $\pm$
THREE PLACE DECIMAL $\pm$

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

NAME	DATE
DRAWN Lourence L.	
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	

COMMENTS:

ESSI #7-4
www.essi.com Clientel Inc May
Sylvan Lake AB
TAS 2H8
Emergency Safety Systems Inc.

ELECTRICAL ENCLOSURE
APPLETON AJBEW12108

SIZE DWG. NO.

A ESS09-0612

REV

SCALE: 1:5 WEIGHT:

SHEET 1 OF 3



CODE SHEET

VISTA Projects Limited			
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SDR CODE DE04	EQUIPMENT TAG 6005	REVIEWED BY 	DATE 2012-06-27

PROJECT NAME: Murphy Cadotte CSS/1780

VENDOR NAME: ESSI/1780-054

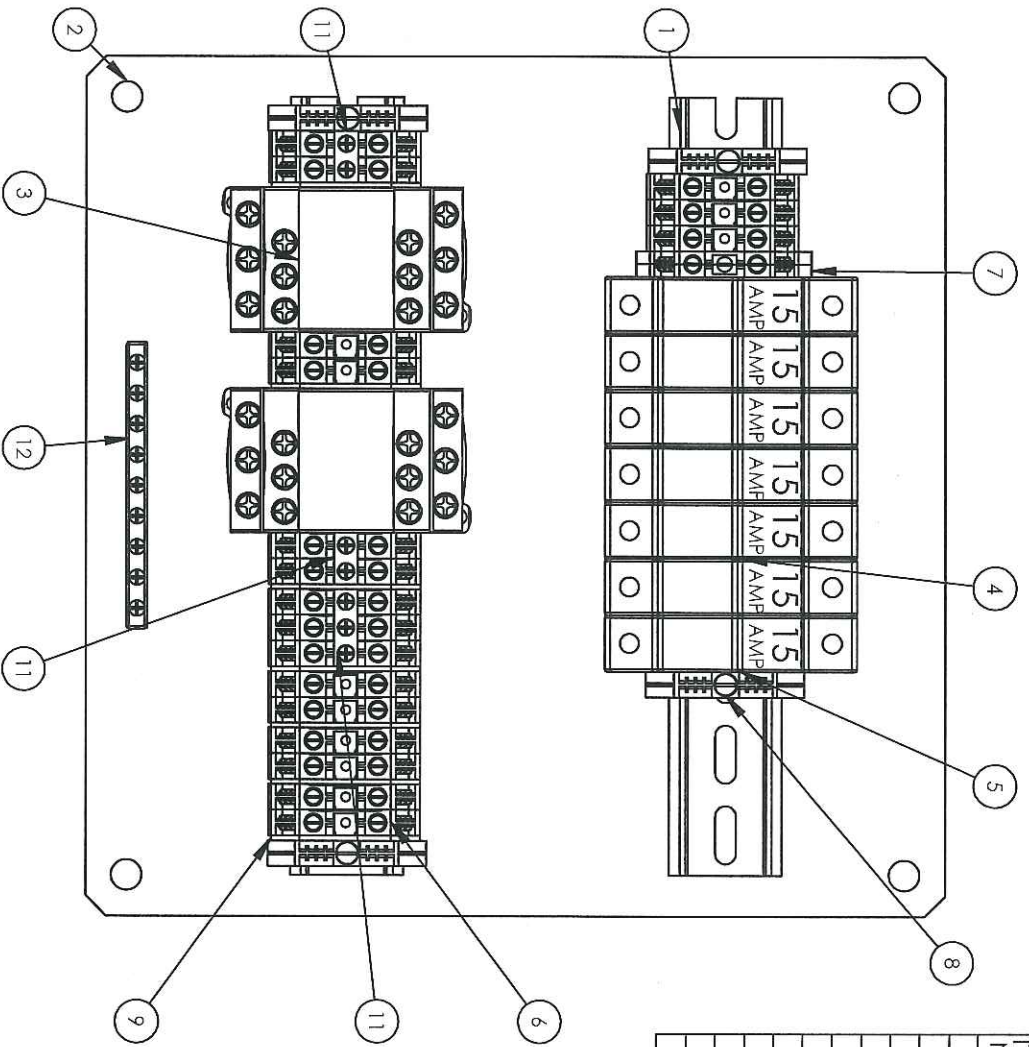
DOCUMENT
NUMBER: ESS09-0612-2

VENDOR
REVISION: 01

DOCUMENT
DESCRIPTION: Electrical Panel Layout and Components

VENDOR
TRANSMITTAL
NUMBER: VISTA-FRM-DC-09_Murphy Oil 1780_Vendor Transmittal

ITEM NO.	DESCRIPTION	Part Number	Vendor Name	QTY.
1	DIN RAIL	35MM DIN	GESCAN	2
2	MOUNTING PLATE			1
3	3 POLE CONTACTOR	LC1D12GD	Schneider Electric	2
4	2 POLE FUSE HOLDER	GOU-USM2	FERRAZ SHAWMUT	3
5	1 POLE FUSE HOLDER	GOU-USM1	FERRAZ SHAWMUT	1
6	TERMINAL BLOCK	WK4/U	WIELAND	18
7	GROUNDING TERMINAL BLOCK	WK4SL/U	WIELAND	1
8	TERMINAL END STOP	BAW2	WIELAND	4
9	TERMINAL DIVIDER	AP2.5-4	WIELAND	7
11	TERMINAL BRIDGE	CP30	WIELAND	3
12	GROUND	N/A	N/A	



UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	Lourence L.
TOLERANCES:		CHECKED	
FRACTIONAL: ±		ENG APPR.	
ANGULAR: MATCH ± BEND ±		MFG APPR.	
TWO PLACE DECIMAL ±		G.A.	
THREE PLACE DECIMAL ±		COMMENTS:	
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			

#1-4
Guenther Inc W/av
Sylvan Lake AB
TAS 2H8

Emergency Safety Systems Inc.

ELECTRICAL PANEL LAYOUT AND COMPONENTS

SIZE DWG. NO. **A ESS09-0612** REV

SCALE: 1:2.25 WEIGHT: SHEET 2 OF 3

PROPRIETARY AND CONFIDENTIAL
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PROHIBITED.



CODE SHEET

VISTA Projects Limited			
VENDOR DRAWING/DOCUMENT SQUAD CHECK			
A	Reviewed without exception. Proceed with fabrication. Issue final drawings/ documents.		
B	Reviewed except as marked and/or noted. Proceed with fabrication and resubmit drawing/document. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.		
C	Not accepted. Revise as marked and resubmit drawing/document for review. Shipment will not be released, if any drawings/documents requiring approval, as per purchase order conditions, are at this code.		
D	Not required for review. Received for information.		
Reviewed only as to general conformity with the design concept and specifications provided. The engineer does not warrant or represent that the information contained on this drawing/document is either accurate or complete. Sole responsibility for correct design, detail and dimensions shall remain with the party submitting the drawing/document.			
SDR CODE	EQUIPMENT TAG	REVIEWED BY	DATE
DE64	6005		2012-06-27

PROJECT NAME: Murphy Cadotte CSS/1780

VENDOR NAME: ESSI/1780-054

DOCUMENT
NUMBER: ESS09-0612-3

VENDOR
REVISION: 01

DOCUMENT
DESCRIPTION: Electrical Diagram

VENDOR
TRANSMITTAL
NUMBER: VISTA-FRM-DC-09_Murphy Oil 1780_Vendor Transmittal

CUSTOMER SUPPLIED
120/240/208VAC
30AMP SINGLE PHASE

L1
L2
N
G

SHOWER SUPPLY
PUMP MOTOR
CONTACTOR

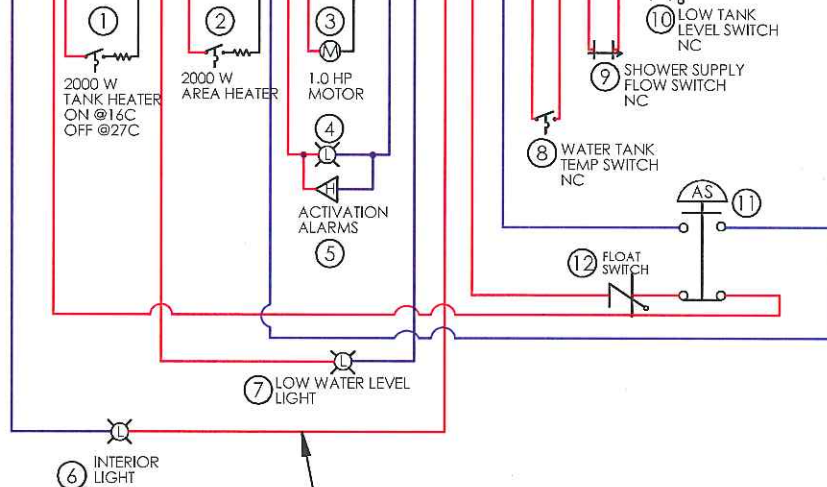
WATER TANK
IMMERSION HEATER
CONTACTOR

WATER TANK
TEMP SWITCH
NC

WATER TANK
FLOW SWITCH
NC

LOW WATER
LEVEL SWITCH
NC

ITEM #	DESCRIPTION	PART #	MFG.
1	IMMERSION HEATER 240V, 2KW 1PH	E1511W-158A-00	HOTSTART
2	RADIANT HEATER 240V, 2KW 1PH	XB16135T2D	NORSEMAN
3	WATER PUMP MOTOR 1HP, 3450RPM, 115/230V 1PH	JL5006A	BALDOR
4	BEACON, 120V, 0.022AMP, 1PH	105FLEDA-N5	EDWARDS SIGNALING
5	WARNING HORN 120V, 50/60 HZ, 360MA	350WBX	FEDERAL SIGNAL
6	INTERIOR LIGHT 120/240V, 0.83AMPS, 150W	ACEH-151-C1	NRL PRODUCTS
7	RED BEACON 120V, 0.022AMP, 1PH	105FLEDR-N5	EDWARDS SIGNALING
8	WATER TANK TEMPSWITCH 110V, 1.0AMP	LSU-8	HOTSTART
9	FLOW SWITCH 110V, 1.0AMP	V6EPB-B-S-2-B-MT	FLOWTECH
10	LOW TANK LEVEL SWITCH 110V, 1.0AMP	1510B-G5A-C2223	SOR
11	FACTORY SEALED CLASS 1, GROUP A, B, C & D	SQM9001KA53	SQUARE D
12	FLOAT SWITCH 110V, 1.0AMP	1510B-G5A-C2223	SOR



*ARMORED TECK CABLES UTILIZED FOR CLASS 1 DIV II COMPLIANCE

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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	NAME	DATE
		MATERIAL	DRAWN	Laurence L.
		FINISH	CHECKED	
			ENG APPR.	
			MFG APPR.	
			Q.A.	
			COMMENTS:	
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

ESSI #7-4
Cuendet Ind Way
Sylvan Lake AB
T4S 2H8
Emergency Safety Systems Inc.

ELECTRICAL DIAGRAM

SIZE	DWG. NO.	REV.
A	ESS09-0612	
SCALE: 1:8	WEIGHT:	SHEET 3 OF 3