

Item	Part #	Rev.	Description	Qt'y
1	MP-8365-08	01	WALL BRACKET, 8'-T8 CS3-PERIMETER	1
2	EB-0410-04	00	EXTRUSION, CEILING EDGE, CS3-4'	1
3	SA-4951-04	01	PAN WELD SUB-ASSY 4'-T8-CS3	1
4	CS31-04-NW-401	01	FINAL ASSY. CS3-4-T8	1
5	ST-0800-05PZ		SELF TAP SCREW #8B x 5/16"	5

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkrug
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/06	SCALE: NTS
WEIGHT:	SHEET 1 OF 5

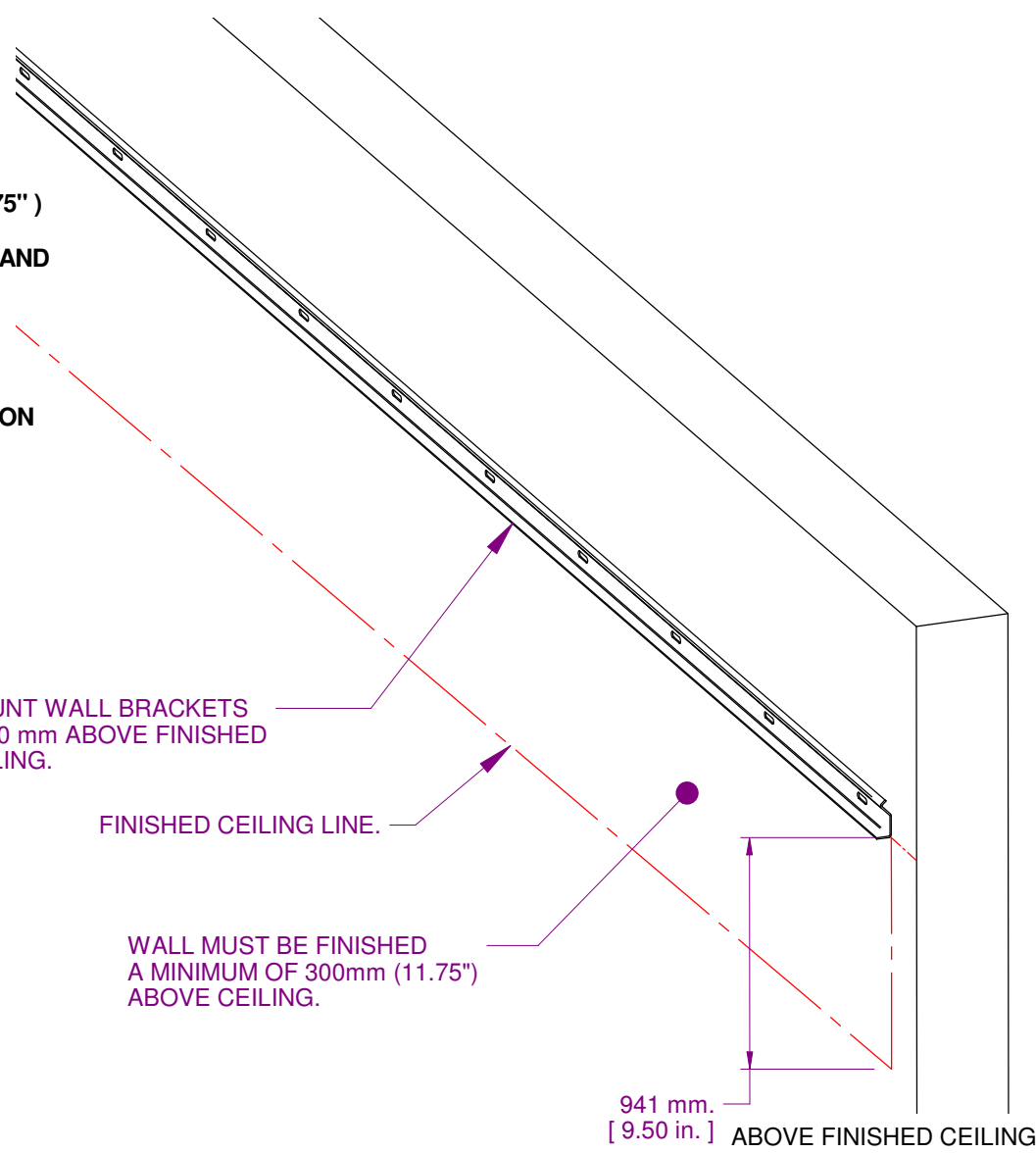
TITLE: CS31 INSTALATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-FIXTURE

NOTES: PRIOR TO STARTING

- A. THE WALL SURFACE SHOULD BE FINISHED A MINIMUM OF 300mm (11.75") ABOVE FINISHED CEILING HEIGHT.
- B. WALL MOUNTING BRACKETS ARE SHIPPED IN 2438mm (96") LENGTHS AND WILL NEED TO BE CUT TO SUIT FIELD CONDITIONS.

INSTRUCTIONS:

1. CHALK A LEVEL LINE 241mm (9.5") ABOVE FINISHED CEILING AND POSITION THE BOTTOM OF THE WALL BRACKET AND SECURE WITH SCREWS (BY OTHERS). SHIM AS REQUIRED TO MAINTAIN A FLAT AND STRAIGHT INSTALLATION. MAINTAIN WITHIN 3mm (1/8").

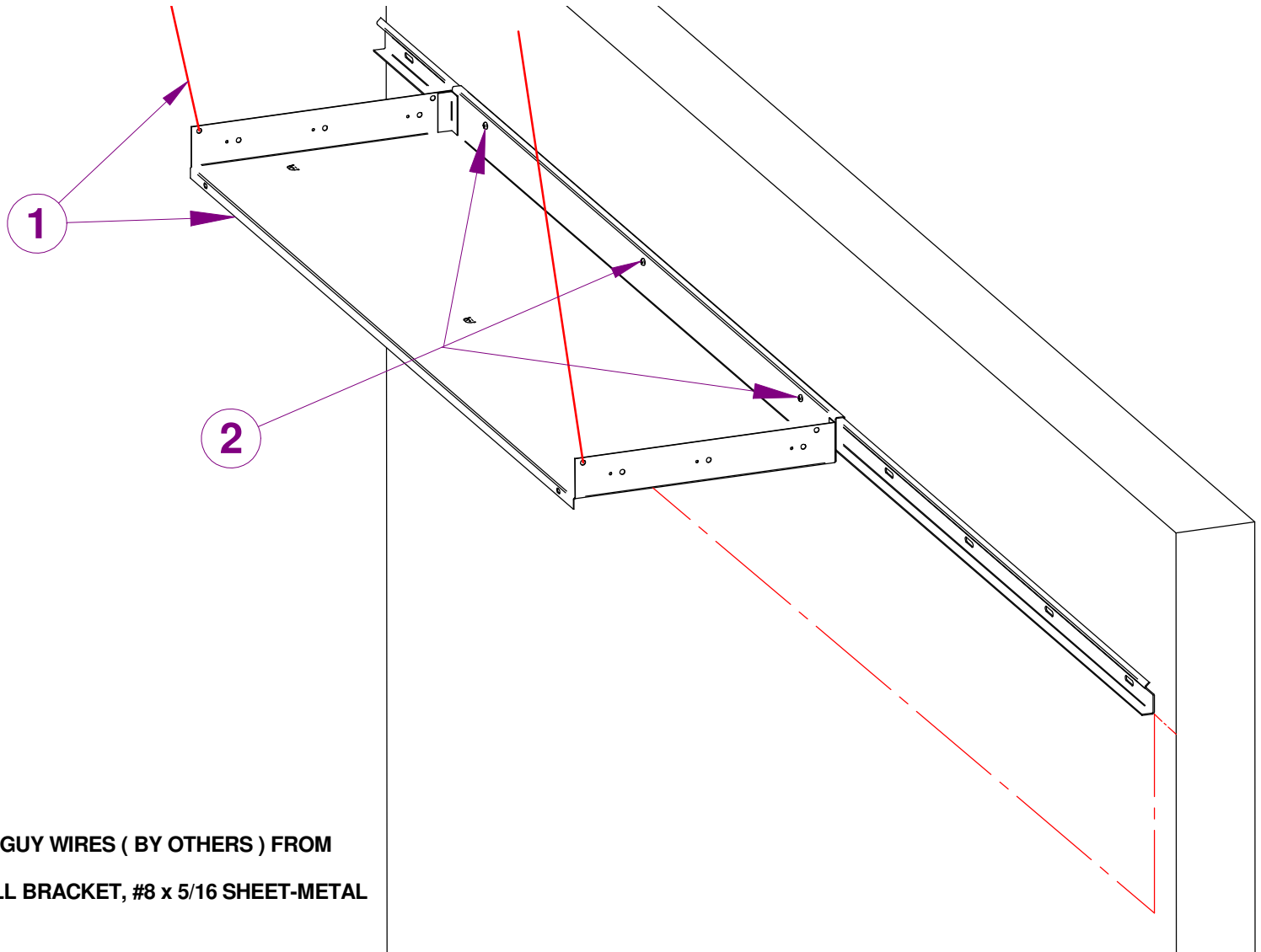


REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/06	SCALE: NTS
WEIGHT:	SHEET 2 OF 5

TITLE: CS31 INSTALATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-FIXTURE



INSTRUCTIONS:

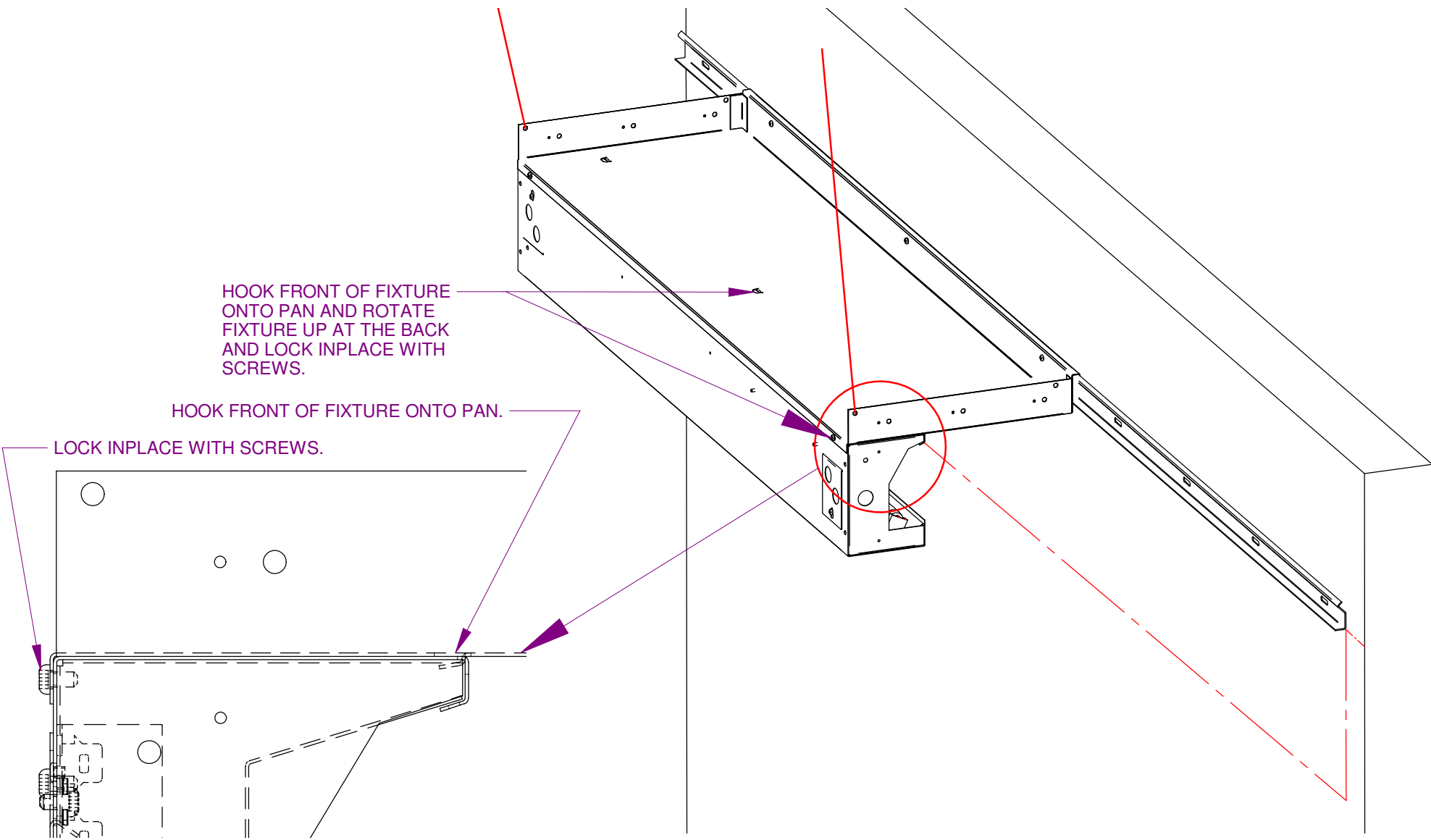
1. INSTALL FIXTURE PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE.
2. INSTALL LOCK-SCREWS ON PAN TO WALL BRACKET, #8 x 5/16 SHEET-METAL SCREWS SUPPLIED.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + .5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/06	SCALE: NTS
WEIGHT:	SHEET 3 OF 5

TITLE	CS31 INSTALATION INSTRUCTIONS
METALUMEN	DWG. NO. IS-CS31-FIXTURE



HOOK FRONT OF FIXTURE ONTO PAN AND ROTATE FIXTURE UP AT THE BACK AND LOCK INPLACE WITH SCREWS.

HOOK FRONT OF FIXTURE ONTO PAN.

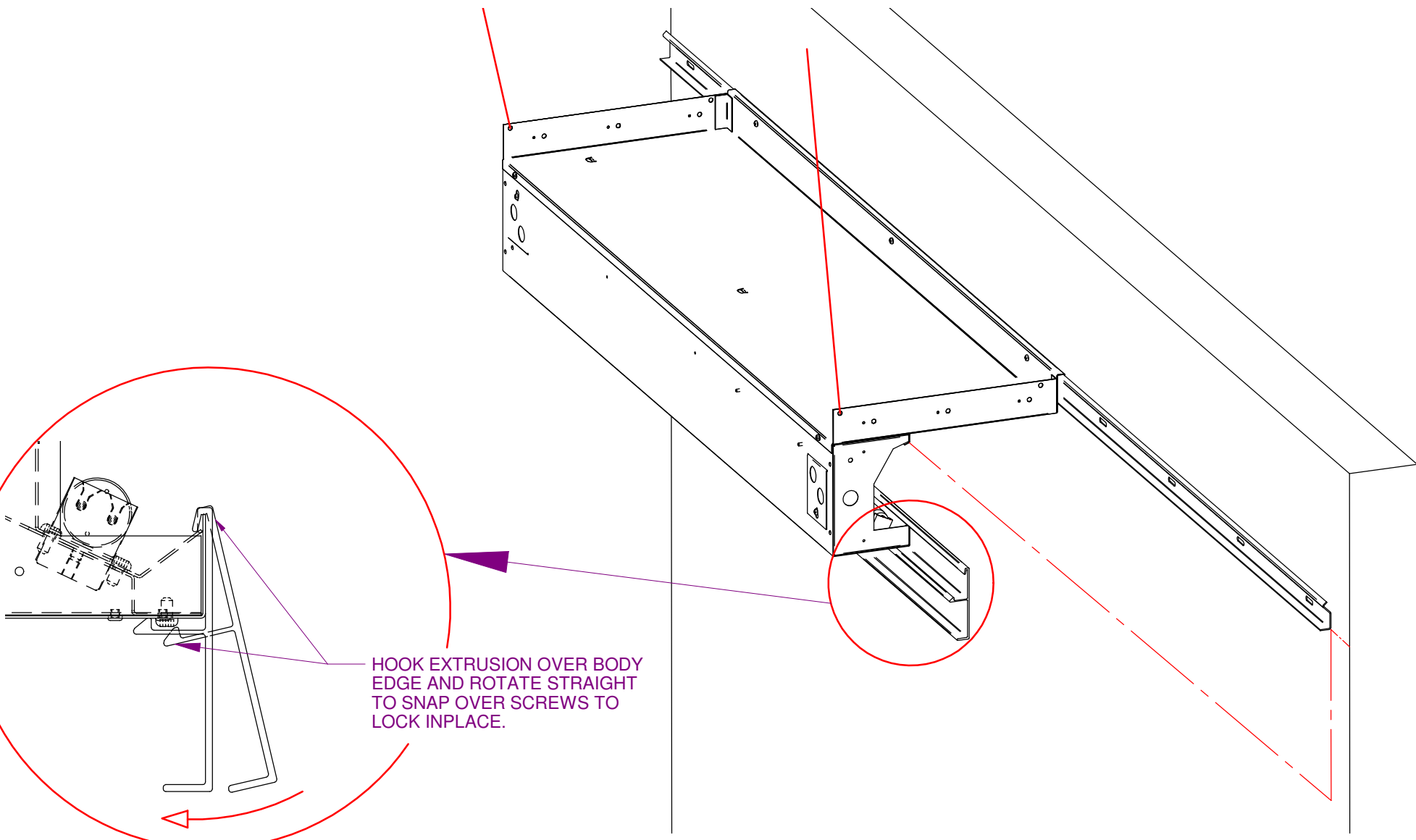
LOCK INPLACE WITH SCREWS.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + .5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/06	SCALE: NTS
WEIGHT:	SHEET 4 OF 5

TITLE: CS31 INSTALATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-FIXTURE



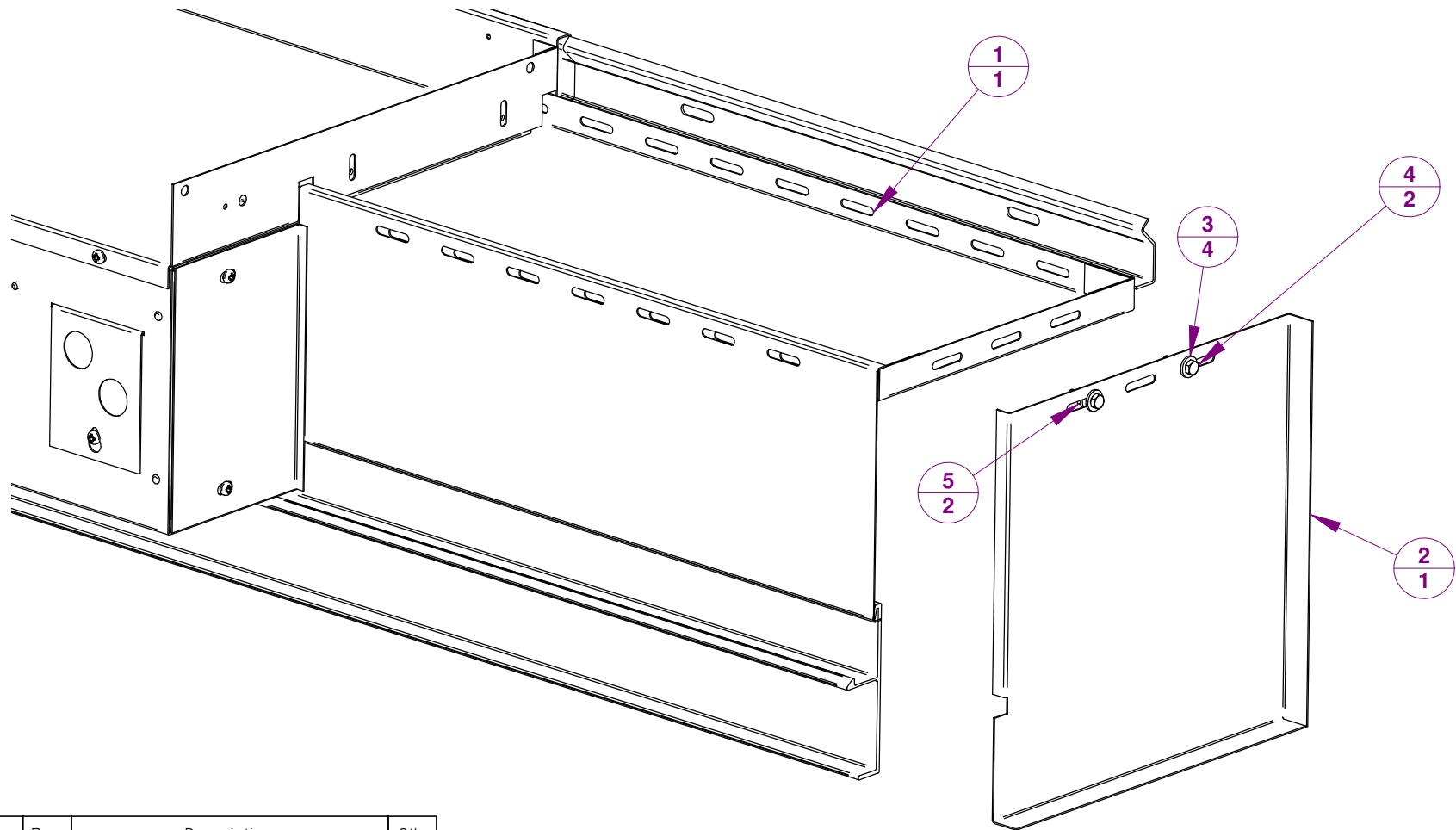
HOOK EXTRUSION OVER BODY
EDGE AND ROTATE STRAIGHT
TO SNAP OVER SCREWS TO
LOCK INPLACE.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE
SPECIFIED TOLERANCES
DIMENSIONS ARE IN METRIC
X ± .8
Y ± .25
ZXX ± .10
ALL ANGLES + .5°
REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/06	SCALE: NTS
WEIGHT:	SHEET 5 OF 5

TITLE	CS31 INSTALATION INSTRUCTIONS
METALUMEN	DWG. NO. IS-CS31-FIXTURE



Item	Part #	Rev.	Description	Qt'y
1	CS31-SF500	00	STRAIGHT FILLER ASSEMBLY 500mm	1
2	MP-8369-20R	00	CS3 FILLER RIGHT END COVER	1
3	WA-10ST-SDZ		WASHER FLAT #10 Zc Plt	4
4	SM-1032-12HNZ	00	HEX HEAD BOLT #10-32x3/4" LG	2
5	NU-1032-STLKZ		K-LOCK LOCK NUT #10-32 Stl Zc Plt	2

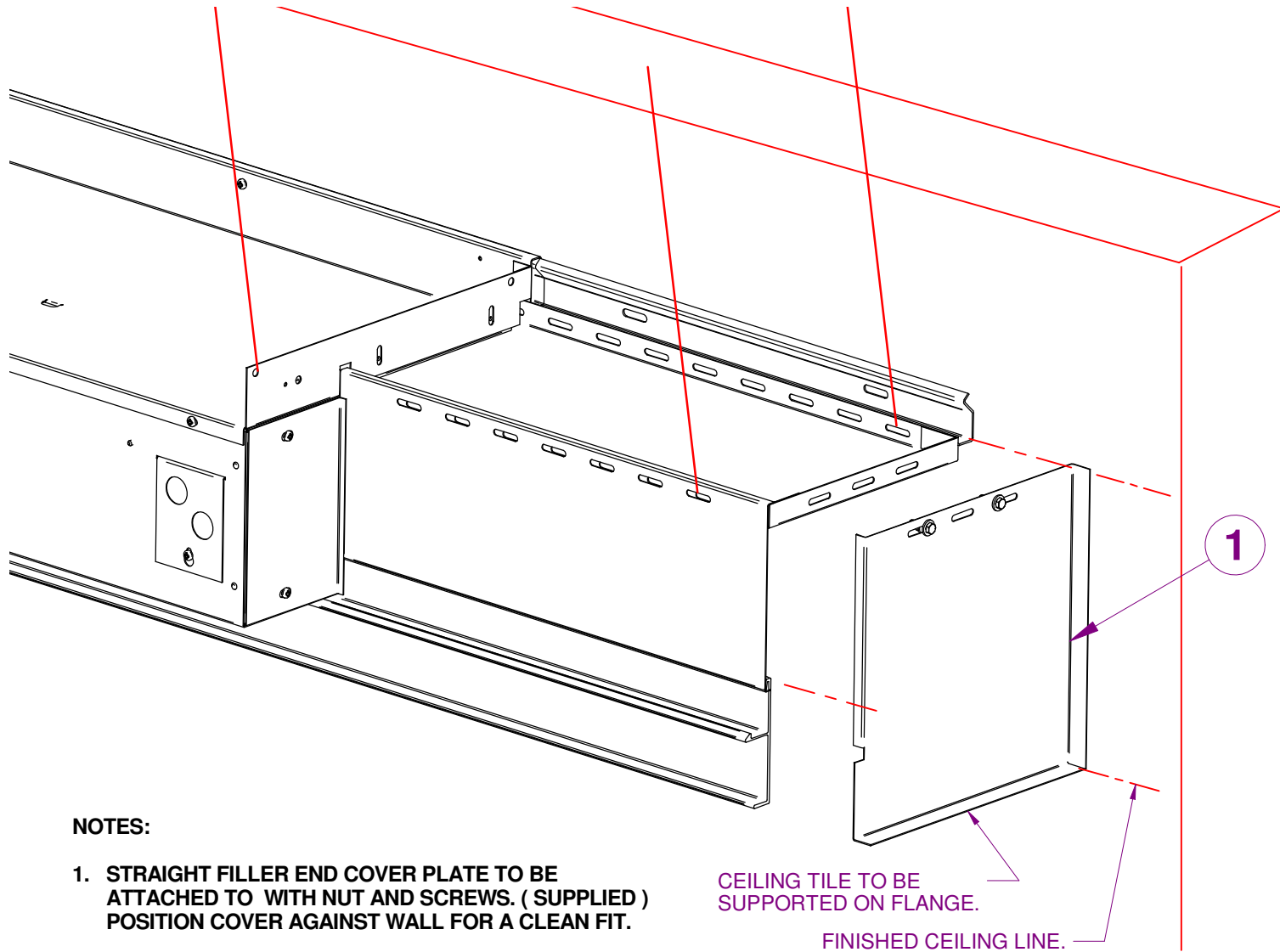
**STRAIGHT FILLER END COVER RIGHT ASSEMBLY
"CS31-RCSF500"**

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 XX ± .25
 .XX ± .10
 ALL ANGLES + .5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/04	SCALE: NTS
WEIGHT:	SHEET 1 OF 2

TITLE: CS31-RCSF500 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-RCSF500



NOTES:

1. STRAIGHT FILLER END COVER PLATE TO BE ATTACHED TO WITH NUT AND SCREWS. (SUPPLIED) POSITION COVER AGAINST WALL FOR A CLEAN FIT.

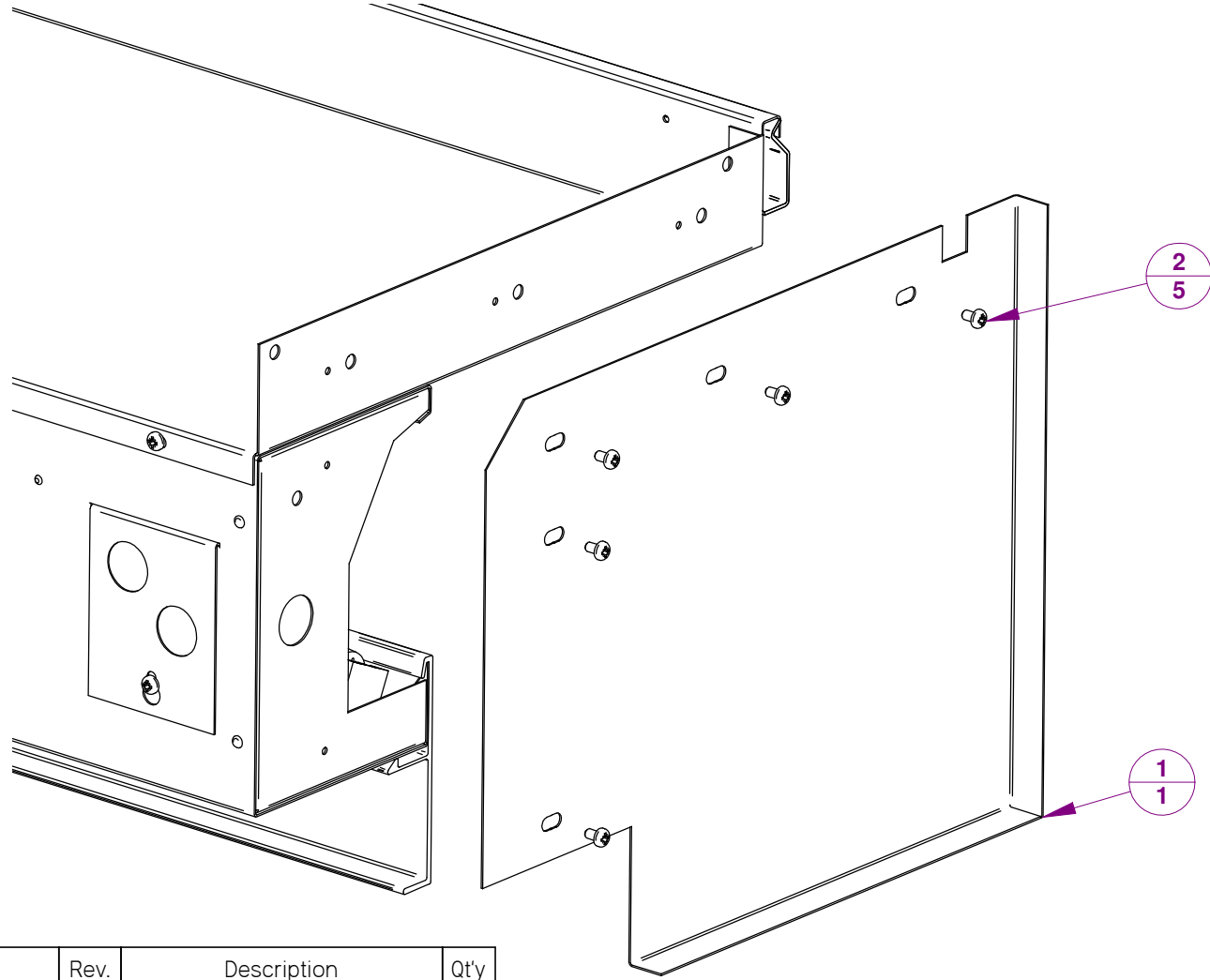
REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/04	SCALE: NTS
WEIGHT:	SHEET 2 OF 2

TITLE ES31-RCSF500 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-RCSF500



Item	Part #	Rev.	Description	Qt'y
1	MP-8360-REND	01	FULL END COVER, RIGHT	1
2	ST-0800-05PZ		SELF TAP SCREW #8B x 5/16"	5

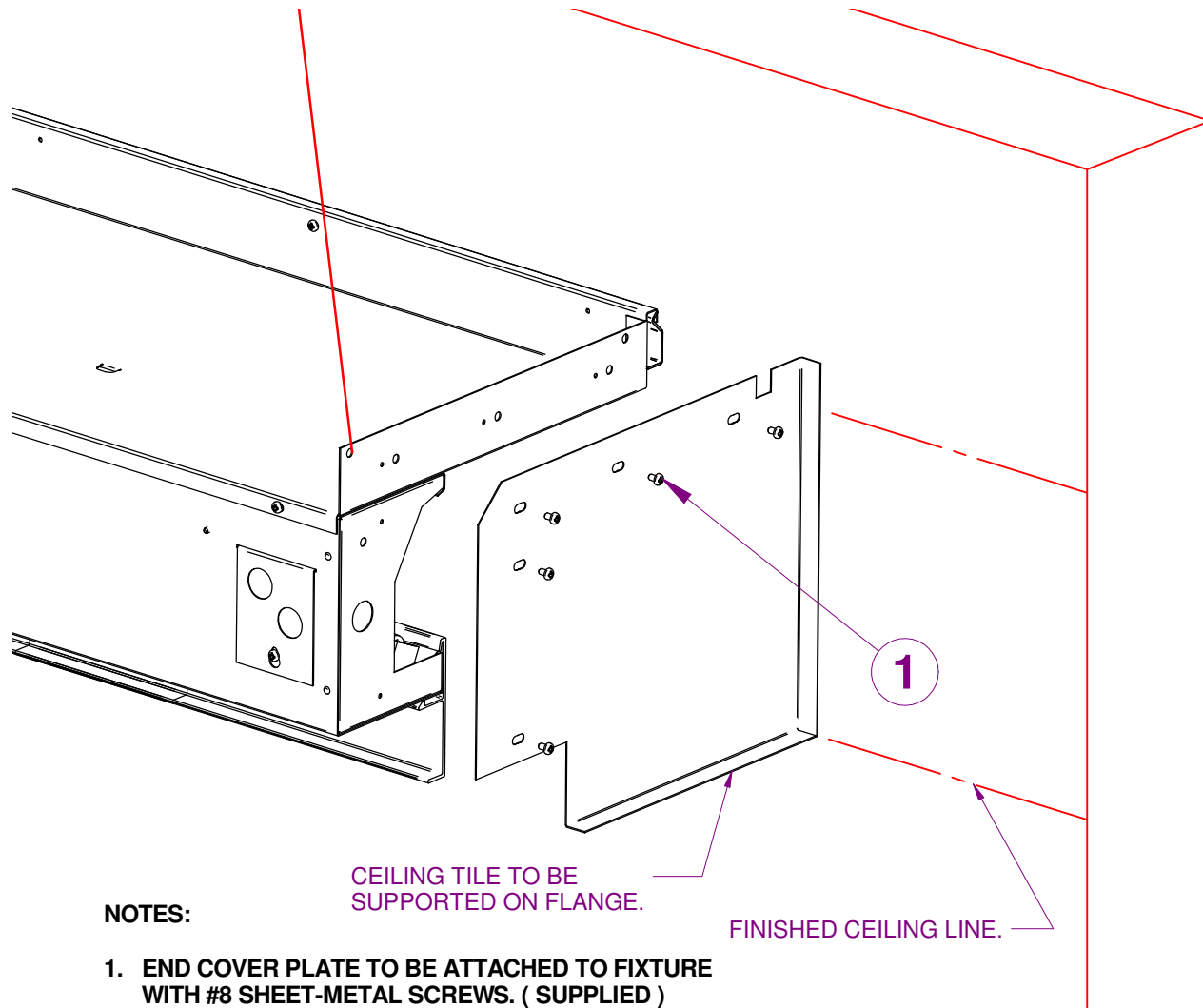
**FULL END COVER RIGHT ASSEMBLY
"CS31-RC"**

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + .5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 05/06/30	SCALE: NTS
WEIGHT:	SHEET 1 OF 2

TITLE	CS31 FULL END COVER, RIGHT
METALUMEN	DWG. NO. IS-CS31-RC



NOTES:

- 1. END COVER PLATE TO BE ATTACHED TO FIXTURE WITH #8 SHEET-METAL SCREWS. (SUPPLIED) POSITION COVER AGAINST WALL FOR A CLEAN FIT.**

CEILING TILE TO BE SUPPORTED ON FLANGE.

FINISHED CEILING LINE.

REV	ECN #	BY	DATE
00			

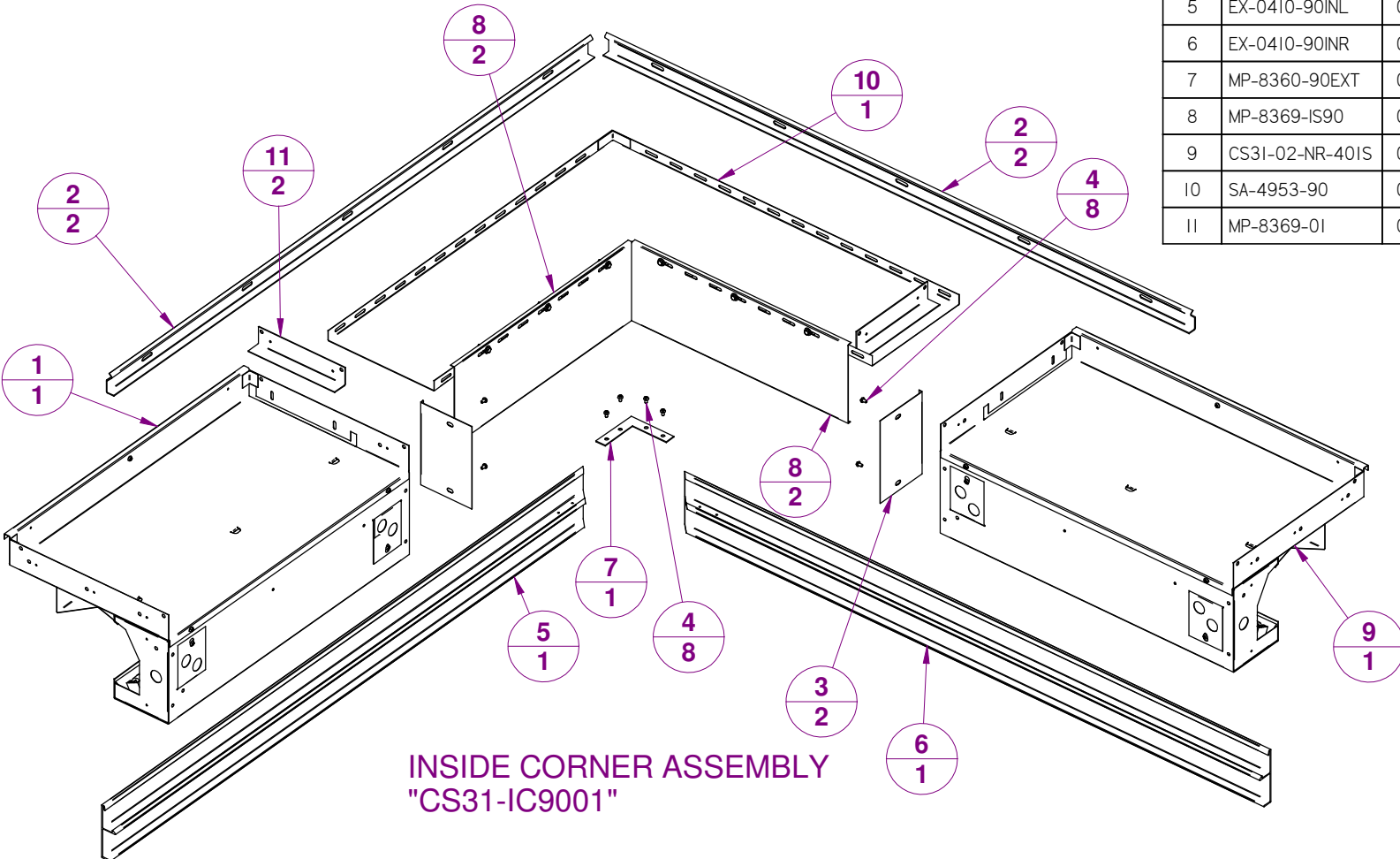
UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 05/06/30	SCALE: NTS
WEIGHT:	SHEET 2 OF 2

TITLE **CS31 FULL END COVER, RIGHT**

METALUMEN DWG. NO. **IS-CS31-RC**

Item	Part #	Rev.	Description	Qty
1	CS31-02-NR-40IE	00	FINAL ASSY. CS3-2-T8, SPEC. REFL.-END	1
2	MP-8365-04	01	WALL BRACKET, 4"-T8 CS3-PERIMETER	2
3	MP-8360-CVR	01	END COVER PLATE, CS3	2
4	ST-0800-05PZ		SELF TAP SCREW #8B x 5/16"	8
5	EX-0410-90INL	00	EXTRUSION, CS3 90° IN-CORNER-LEFT	1
6	EX-0410-90INR	00	EXTRUSION, CS3 90° IN-CORNER-RIGHT	1
7	MP-8360-90EXT	00	90 DEG EXT. CORNER SUPPORT BRKT.	1
8	MP-8369-IS90	00	SIDE PANEL, 90 DEG INSIDE CORNER	2
9	CS31-02-NR-40IS	00	FINAL ASSY. CS3-2-T8, SPEC. REFL.-START	1
10	SA-4953-90	00	S/A 90 DEG CORNER WELD	1
11	MP-8369-01	00	LOCKING BRACKET- CS31	2



INSIDE CORNER ASSEMBLY
"CS31-IC9001"

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + .5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/27	SCALE: NTS
WEIGHT:	SHEET 1 OF 5

TITLE CS31-IC9001 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-IC9001

MOUNT WALL BRACKETS
241.0 mm ABOVE FINISHED
CEILING.

2

WALL MUST BE FINISHED
A MINIMUM OF 300mm (11.75")
ABOVE CEILING.

SUPPORT AND LEVEL
FIXTURE TO SOLID
STRUCTURE ABOVE

1

FINISHED CEILING LINE.

3

WALL MUST BE FINISHED
A MINIMUM OF 300mm (11.75")
ABOVE CEILING.

FINISHED CEILING LINE.

241 mm.
[9.5 in.]

ABOVE FINISHED CEILING

NOTES: PRIOR TO STARTING

- A. THE WALL SURFACE SHOULD BE FINISHED A MINIMUM OF 300mm (11.75") ABOVE FINISHED CEILING HEIGHT.
- B. WALL MOUNTING BRACKETS ARE SHIPPED IN 2438mm (96") LENGTHS AND WILL NEED TO BE CUT TO SUIT FIELD CONDITIONS.

INSTRUCTIONS:

1. CHALK A LEVEL LINE 241mm (9.5") ABOVE FINISHED CEILING AND POSITION THE BOTTOM OF THE WALL BRACKET AND SECURE WITH SCREWS (BY OTHERS). SHIM AS REQUIRED TO MAINTAIN A FLAT AND STRAIGHT INSTALLATION. MAINTAIN WITHIN 3mm (1/8").
2. INSTALL FIXTURE PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE.
3. INSTALL LOCK-SCREWS ON PAN TO WALL BRACKET, #8 x 5/16 SHEET-METAL SCREWS SUPPLIED.

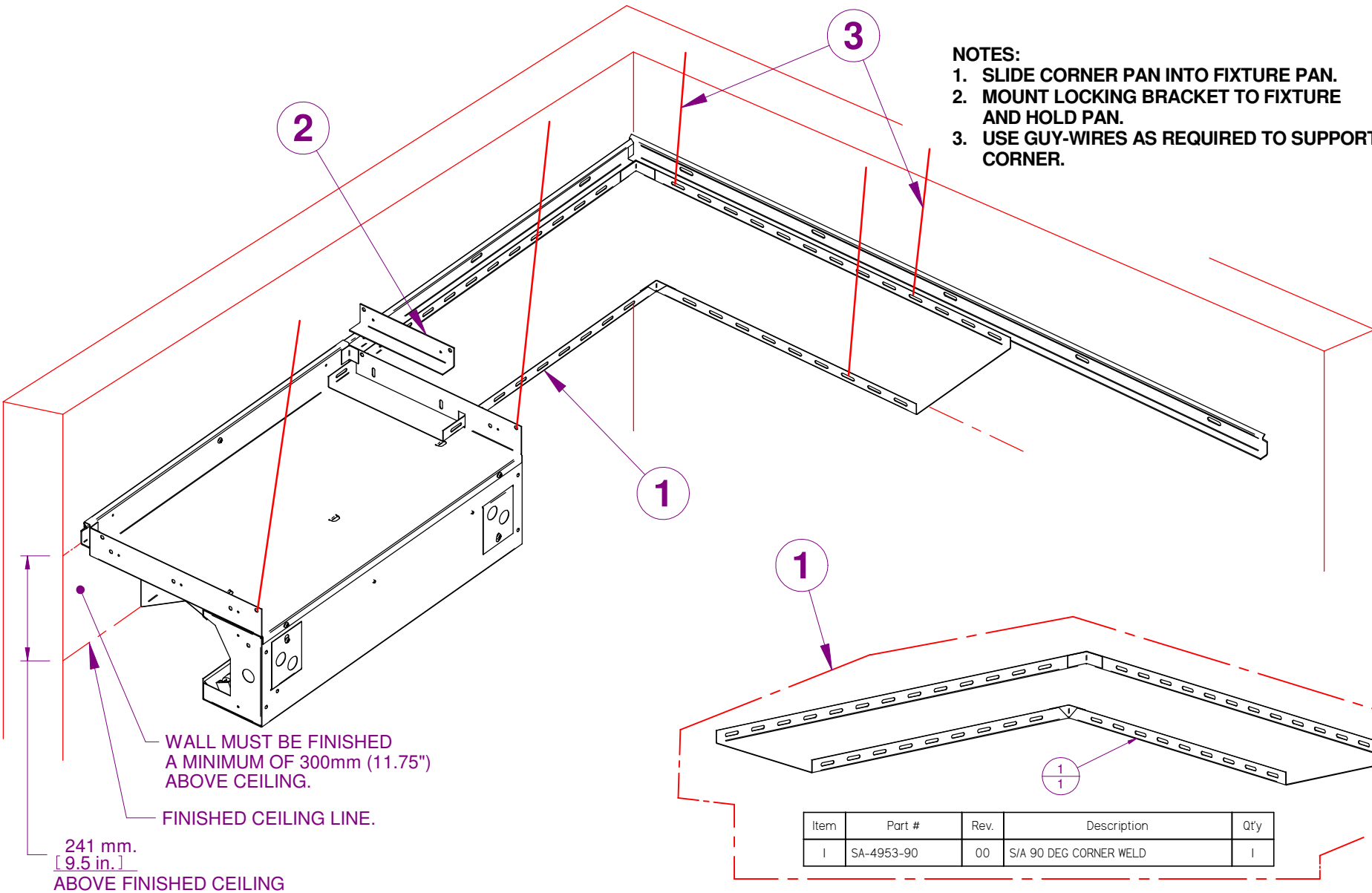
REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
X ± .8
Y ± .25
ZXX ± .10
ALL ANGLES + 5°
REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/27	SCALE: NTS
WEIGHT:	SHEET 2 OF 5

TITLE CS31-IC9001 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-IC9001



- NOTES:**
1. SLIDE CORNER PAN INTO FIXTURE PAN.
 2. MOUNT LOCKING BRACKET TO FIXTURE AND HOLD PAN.
 3. USE GUY-WIRES AS REQUIRED TO SUPPORT CORNER.

WALL MUST BE FINISHED
A MINIMUM OF 300mm (11.75")
ABOVE CEILING.

FINISHED CEILING LINE.

241 mm.
[9.5 in.]
ABOVE FINISHED CEILING

Item	Part #	Rev.	Description	Qt'y
1	SA-4953-90	00	S/A 90 DEG CORNER WELD	1

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
X ± .8
Y ± .25
Z ± .10
ALL ANGLES + 5°
REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkrug
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/27	SCALE: NTS
WEIGHT:	SHEET 3 OF 5

TITLE CS31-IC9001 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-IC9001

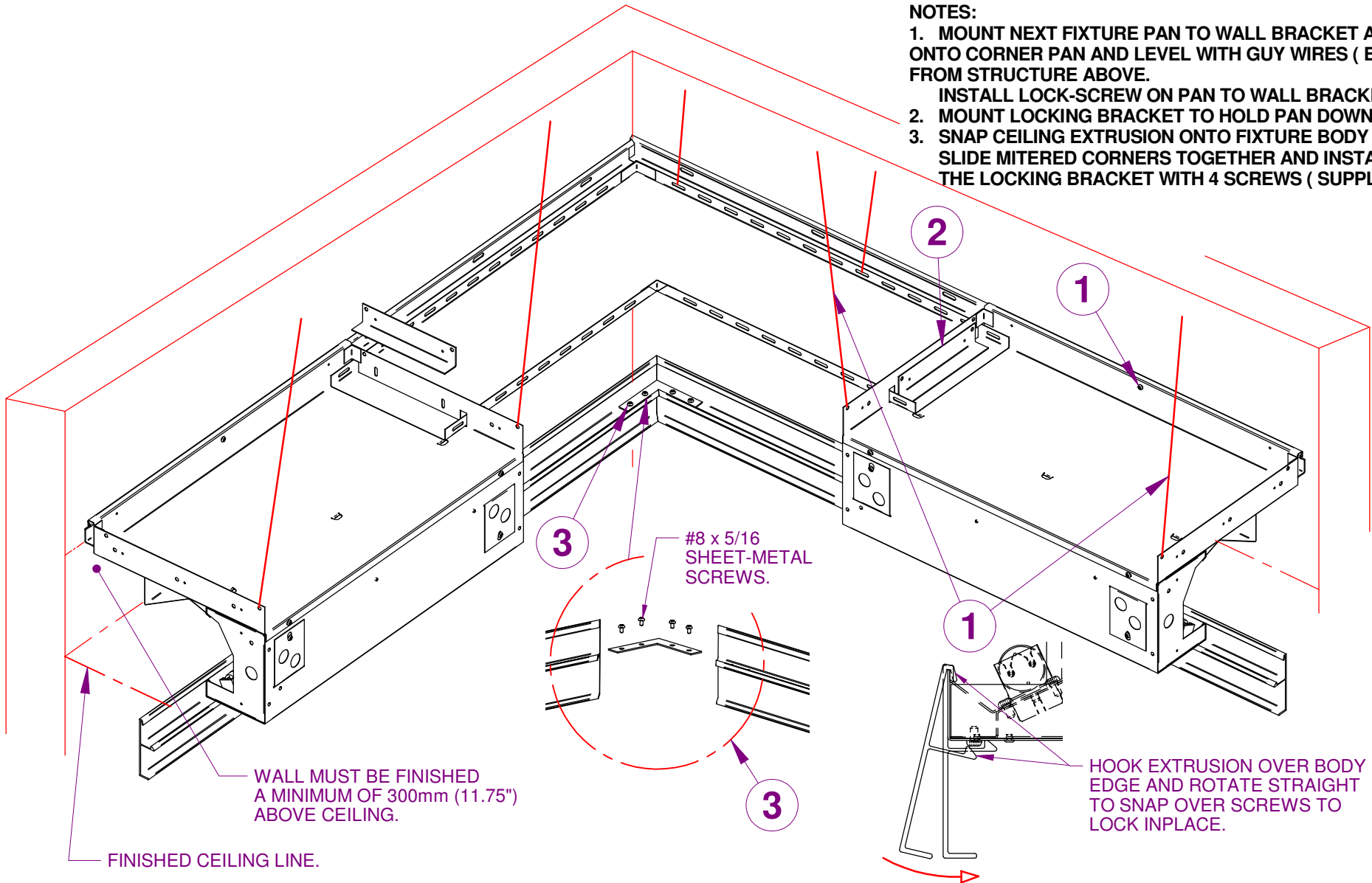
NOTES:

1. MOUNT NEXT FIXTURE PAN TO WALL BRACKET AND SLIDE ONTO CORNER PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE.

INSTALL LOCK-SCREW ON PAN TO WALL BRACKET.

2. MOUNT LOCKING BRACKET TO HOLD PAN DOWN.

3. SNAP CEILING EXTRUSION ONTO FIXTURE BODY AND SLIDE MITERED CORNERS TOGETHER AND INSTALL THE LOCKING BRACKET WITH 4 SCREWS (SUPPLIED).



WALL MUST BE FINISHED
A MINIMUM OF 300mm (11.75")
ABOVE CEILING.

FINISHED CEILING LINE.

#8 x 5/16
SHEET-METAL
SCREWS.

HOOK EXTRUSION OVER BODY
EDGE AND ROTATE STRAIGHT
TO SNAP OVER SCREWS TO
LOCK INPLACE.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE
SPECIFIED TOLERANCES
DIMENSIONS ARE IN METRIC
X ± .8
XX ± .25
XXX ± .10
ALL ANGLES + 5°
REMOVE SHARP CORNERS

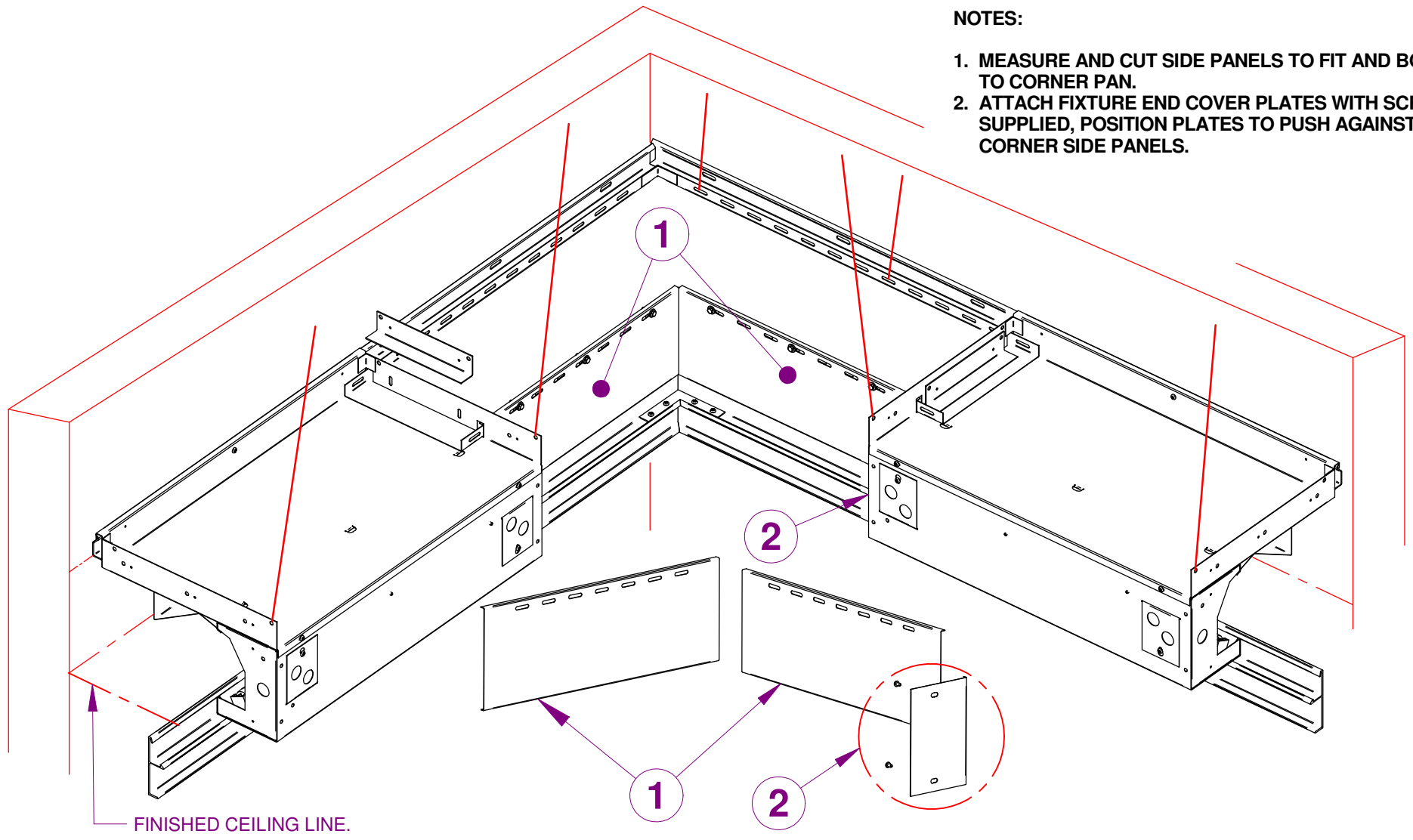
MATERIAL:	DRAWN BY: Mkrug
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/27	SCALE: NTS
WEIGHT:	SHEET 4 OF 5

TITLE CS31-IC9001 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-IC9001

NOTES:

1. MEASURE AND CUT SIDE PANELS TO FIT AND BOLT TO CORNER PAN.
2. ATTACH FIXTURE END COVER PLATES WITH SCREWS SUPPLIED, POSITION PLATES TO PUSH AGAINST CORNER SIDE PANELS.

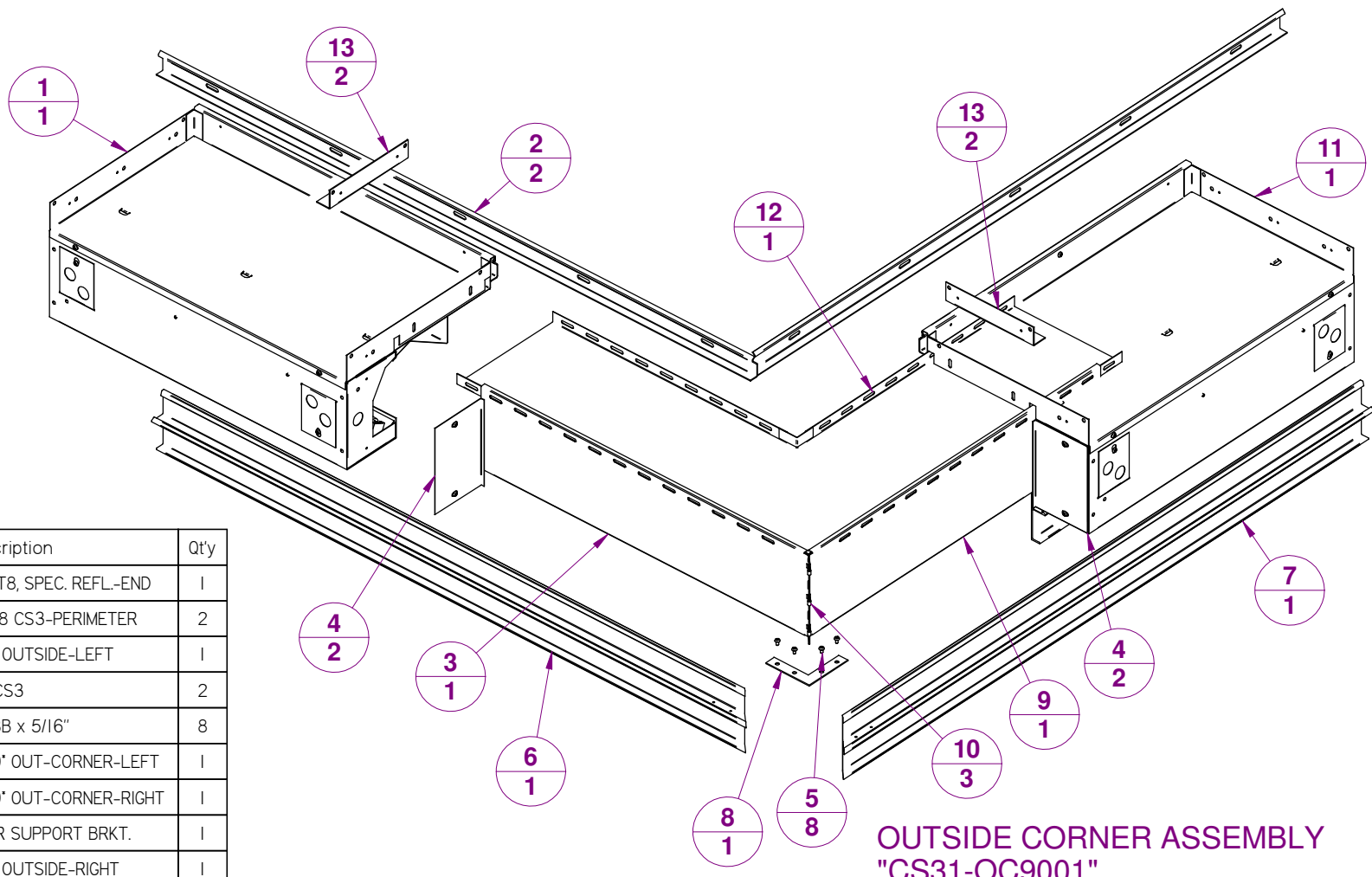


REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/27	SCALE: NTS
WEIGHT:	SHEET 5 OF 5

TITLE: CS31-IC9001 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-IC9001



**OUTSIDE CORNER ASSEMBLY
"CS31-OC9001"**

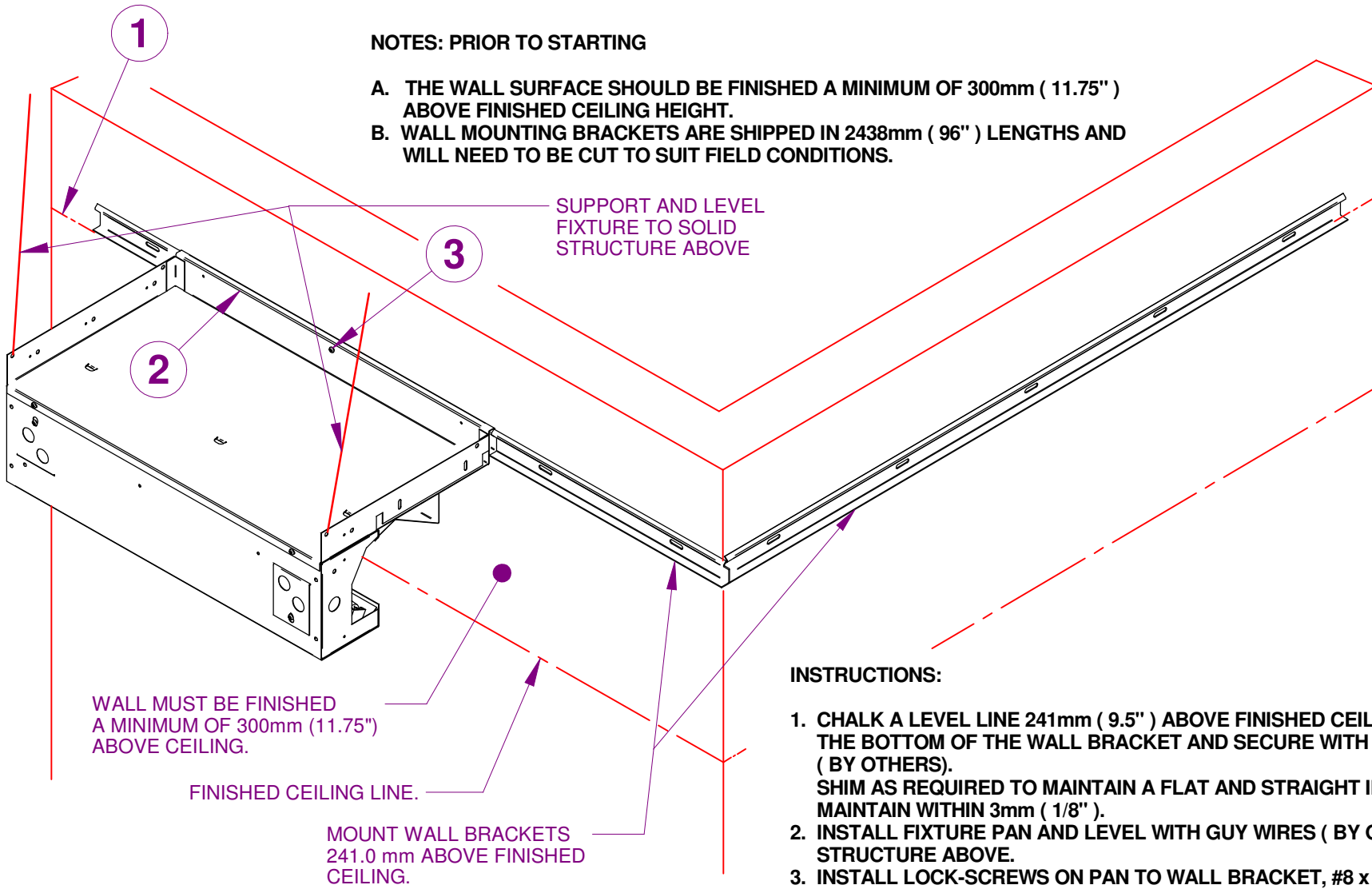
Item	Part #	Description	Qt'y
1	CS31-02-NR-40IE	FINAL ASSY. CS3-2-T8, SPEC. REFL.-END	1
2	MP-8365-04	WALL BRACKET, 4'-T8 CS3-PERIMETER	2
3	MP-8369-0S90L	SIDE PANEL, 90 DEG OUTSIDE-LEFT	1
4	MP-8360-CVR	END COVER PLATE, CS3	2
5	ST-0800-05PZ	SELF TAP SCREW #8B x 5/16"	8
6	EX-0410-90L	EXTRUSION, CS3 90° OUT-CORNER-LEFT	1
7	EX-0410-90R	EXTRUSION, CS3 90° OUT-CORNER-RIGHT	1
8	MP-8360-90EXT	90 DEG EXT. CORNER SUPPORT BRKT.	1
9	MP-8369-0S90R	SIDE PANEL, 90 DEG OUTSIDE-RIGHT	1
10	MH-0499	BARBED 'U' FASTENER	3
11	CS31-02-NR-40IS	FINAL ASSY. CS3-2-T8, SPEC. REFL.-START	1
12	SA-4953-90	S/A 90 DEG CORNER WELD	1
13	MP-8369-0I	LOCKING BRACKET- CS31	2

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/26	SCALE: NTS
WEIGHT:	SHEET 1 OF 5

TITLE: CS31-OC9001 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-OC9001



NOTES: PRIOR TO STARTING

- A. THE WALL SURFACE SHOULD BE FINISHED A MINIMUM OF 300mm (11.75") ABOVE FINISHED CEILING HEIGHT.
- B. WALL MOUNTING BRACKETS ARE SHIPPED IN 2438mm (96") LENGTHS AND WILL NEED TO BE CUT TO SUIT FIELD CONDITIONS.

INSTRUCTIONS:

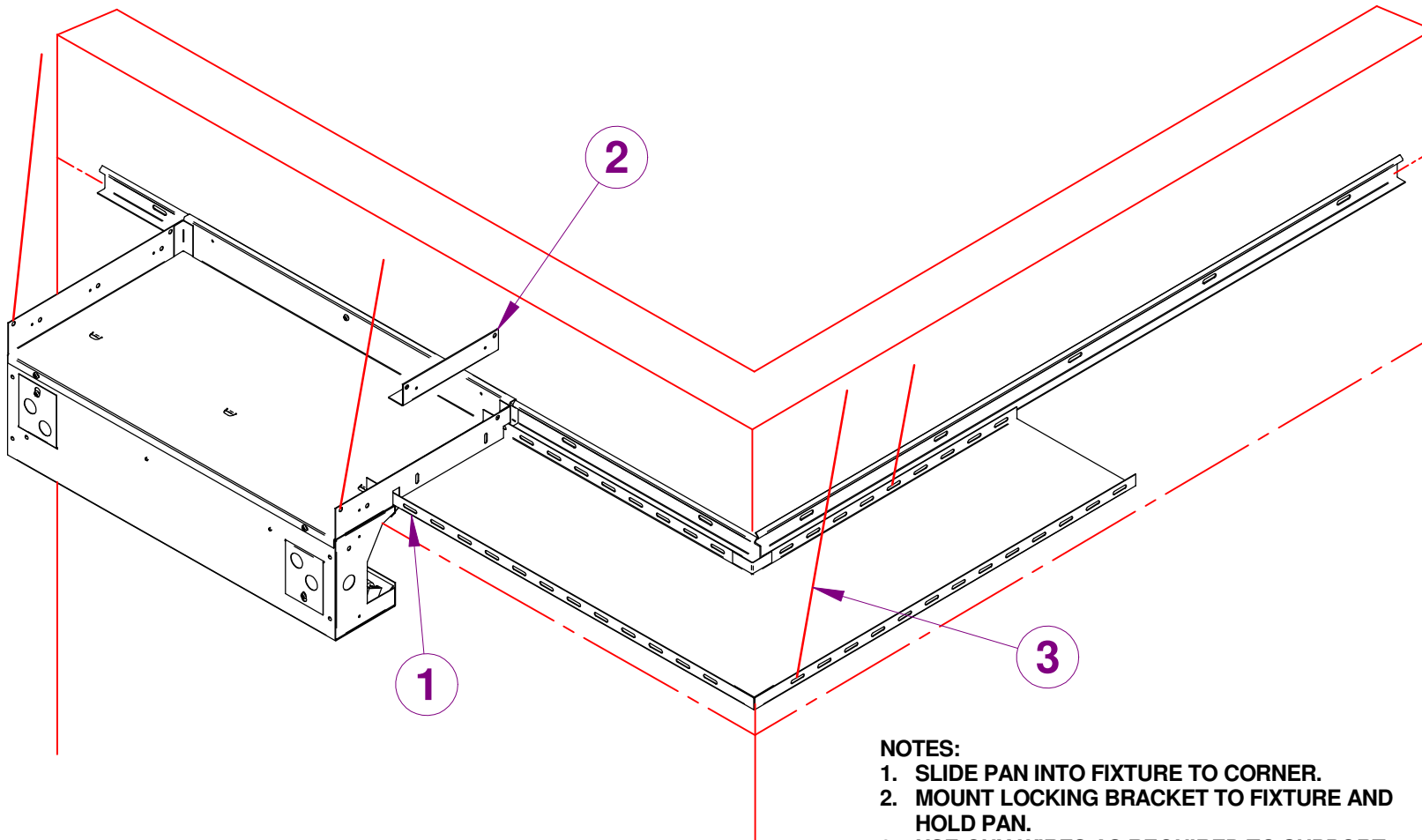
1. CHALK A LEVEL LINE 241mm (9.5") ABOVE FINISHED CEILING AND POSITION THE BOTTOM OF THE WALL BRACKET AND SECURE WITH SCREWS (BY OTHERS). SHIM AS REQUIRED TO MAINTAIN A FLAT AND STRAIGHT INSTALLATION. MAINTAIN WITHIN 3mm (1/8").
2. INSTALL FIXTURE PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE.
3. INSTALL LOCK-SCREWS ON PAN TO WALL BRACKET, #8 x 5/16 SHEET-METAL SCREWS SUPPLIED.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/26	SCALE: NTS
WEIGHT:	SHEET 2 OF 5

TITLE: CS31-0C9001 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-0C9001



- NOTES:**
1. SLIDE PAN INTO FIXTURE TO CORNER.
 2. MOUNT LOCKING BRACKET TO FIXTURE AND HOLD PAN.
 3. USE GUY-WIRES AS REQUIRED TO SUPPORT CORNER.

REV	ECN #	BY	DATE
00			

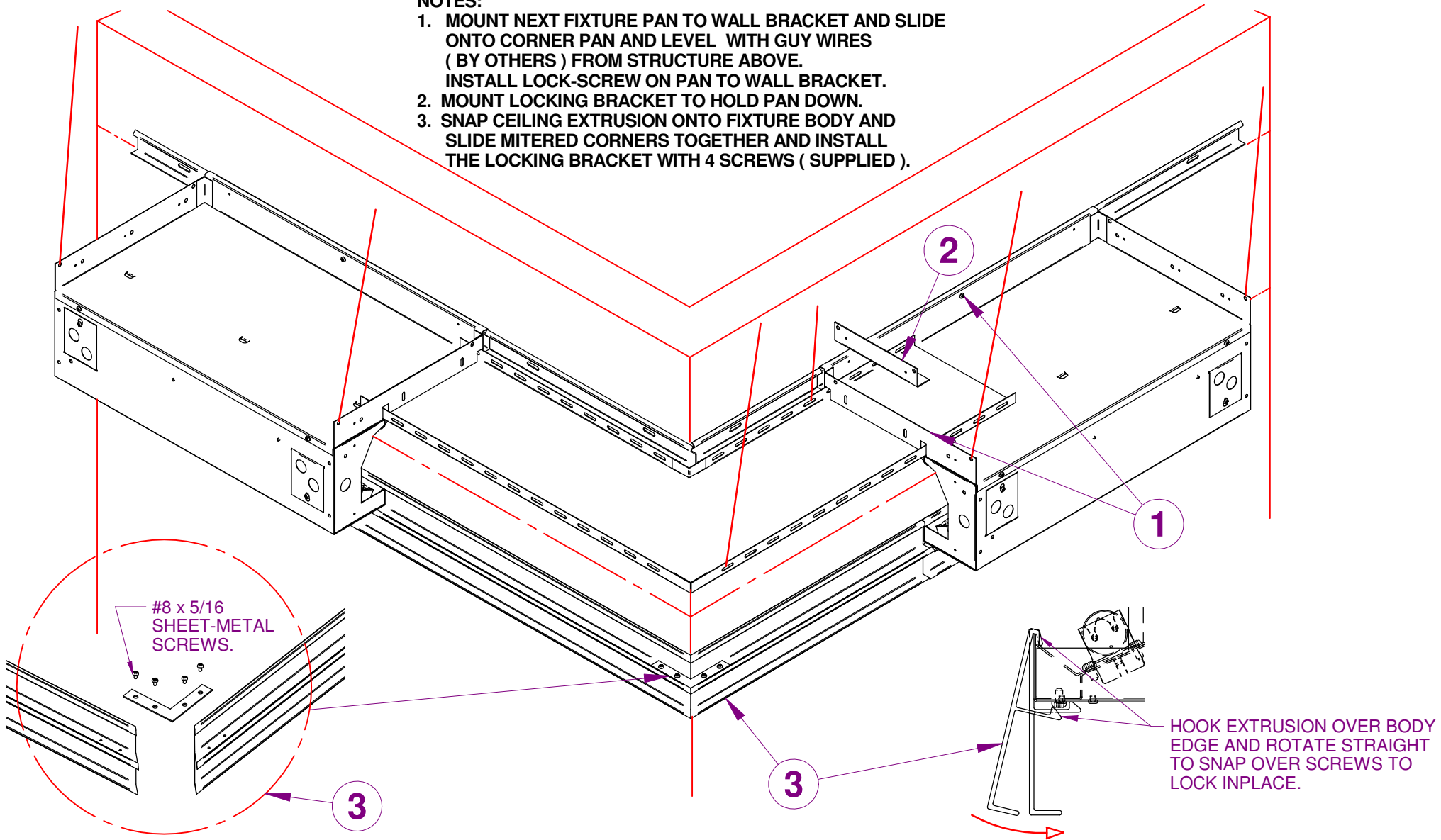
UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 .X ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/26	SCALE: NTS
WEIGHT:	SHEET 3 OF 5

TITLE: CS31-0C9001 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-0C9001

NOTES:

1. MOUNT NEXT FIXTURE PAN TO WALL BRACKET AND SLIDE ONTO CORNER PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE.
INSTALL LOCK-SCREW ON PAN TO WALL BRACKET.
2. MOUNT LOCKING BRACKET TO HOLD PAN DOWN.
3. SNAP CEILING EXTRUSION ONTO FIXTURE BODY AND SLIDE MITERED CORNERS TOGETHER AND INSTALL THE LOCKING BRACKET WITH 4 SCREWS (SUPPLIED).



#8 x 5/16
SHEET-METAL
SCREWS.

HOOK EXTRUSION OVER BODY
EDGE AND ROTATE STRAIGHT
TO SNAP OVER SCREWS TO
LOCK INPLACE.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE
SPECIFIED TOLERANCES
DIMENSIONS ARE IN METRIC
X ± .8
Y ± .25
ZXX ± .10
ALL ANGLES + 5°
REMOVE SHARP CORNERS

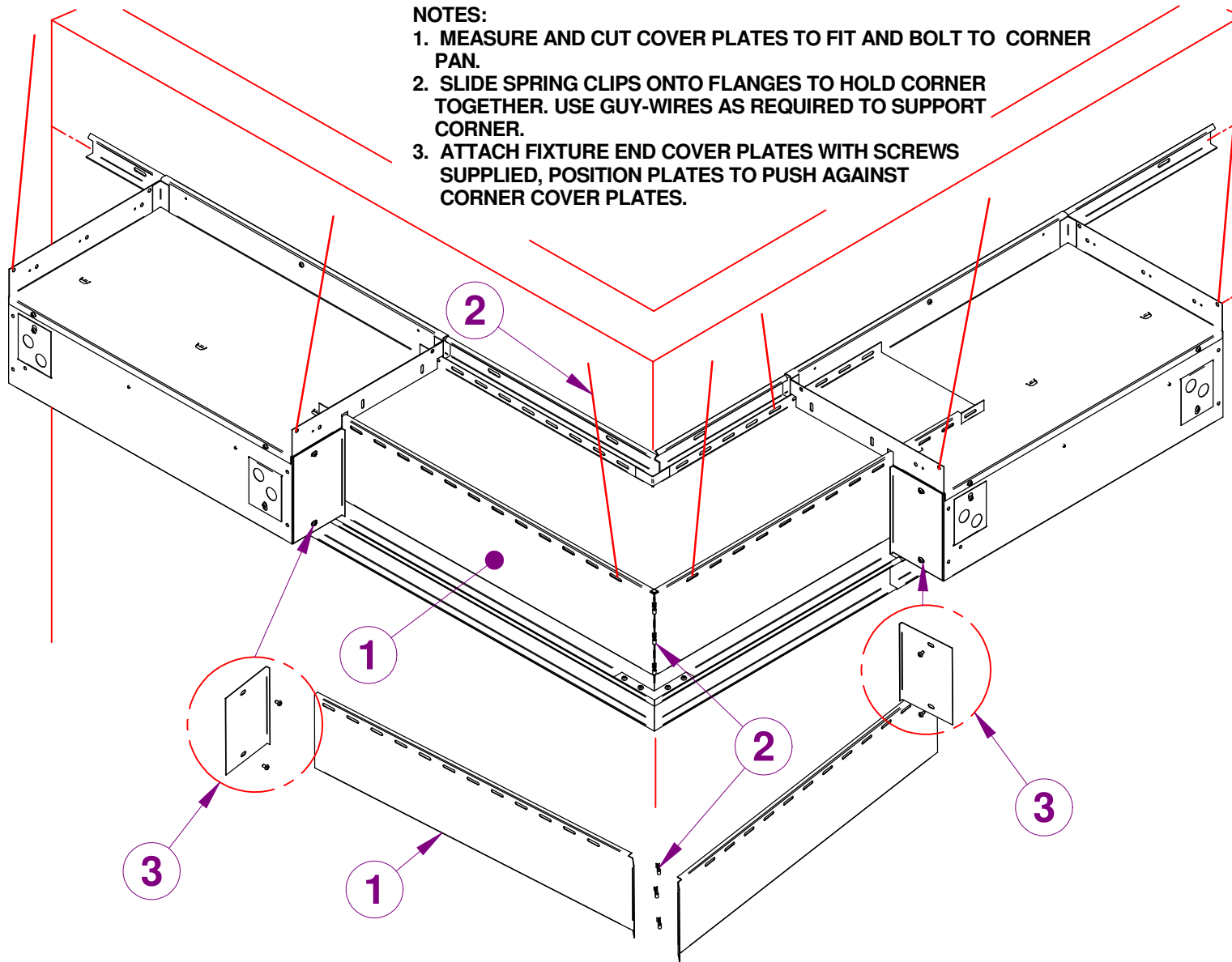
MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/26	SCALE: NTS
WEIGHT:	SHEET 4 OF 5

TITLE CS31-0C9001 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-0C9001

NOTES:

1. MEASURE AND CUT COVER PLATES TO FIT AND BOLT TO CORNER PAN.
2. SLIDE SPRING CLIPS ONTO FLANGES TO HOLD CORNER TOGETHER. USE GUY-WIRES AS REQUIRED TO SUPPORT CORNER.
3. ATTACH FIXTURE END COVER PLATES WITH SCREWS SUPPLIED, POSITION PLATES TO PUSH AGAINST CORNER COVER PLATES.



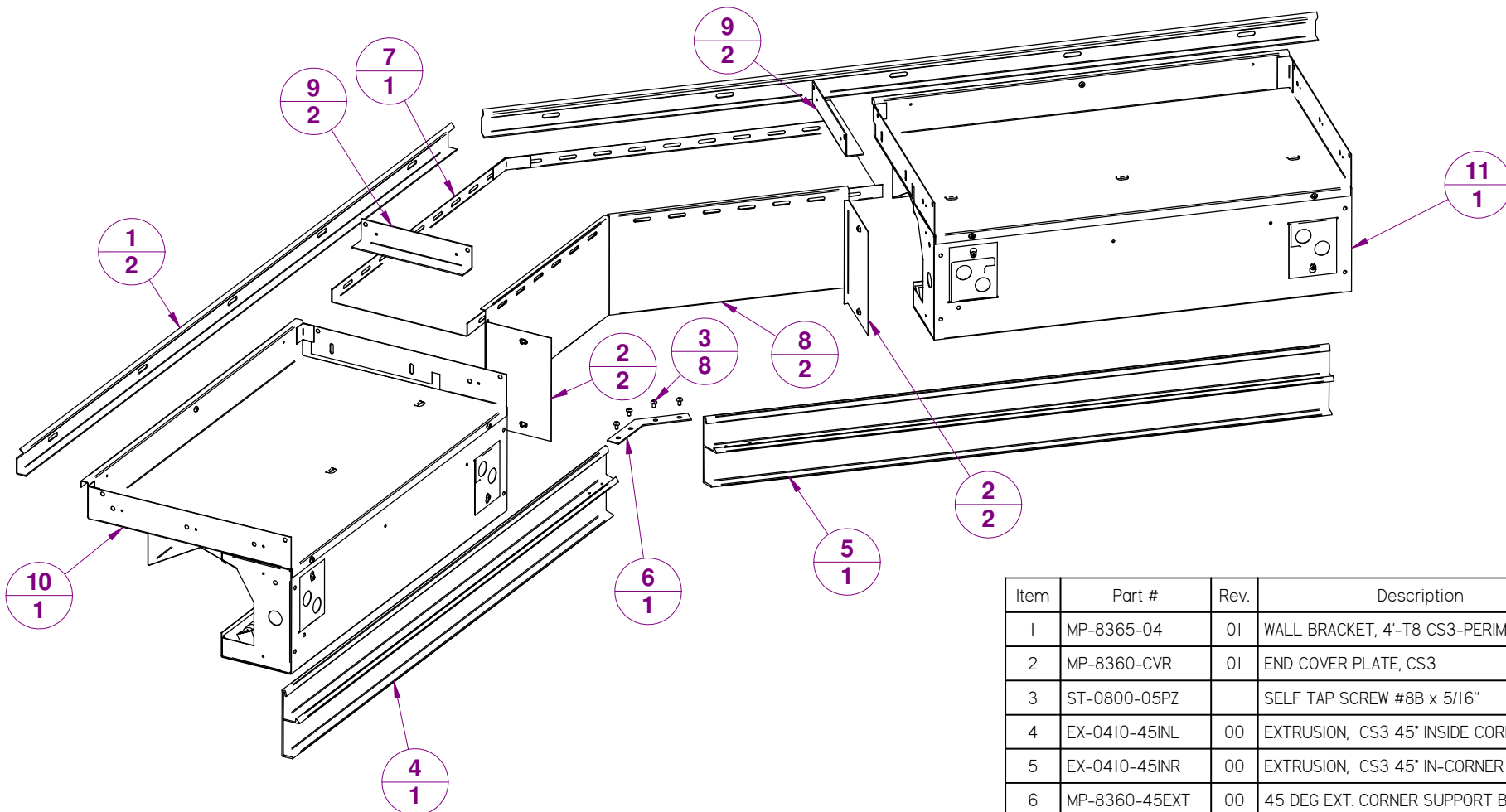
REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/26	SCALE: NTS
WEIGHT:	SHEET 5 OF 5

TITLE CS31-OC9001 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-OC9001



**45° INSIDE CORNER ASSEMBLY
"CS31-IC4501"**

Item	Part #	Rev.	Description	Qty
1	MP-8365-04	01	WALL BRACKET, 4'-T8 CS3-PERIMETER	2
2	MP-8360-CVR	01	END COVER PLATE, CS3	2
3	ST-0800-05PZ		SELF TAP SCREW #8B x 5/16"	8
4	EX-0410-45INL	00	EXTRUSION, CS3 45' INSIDE CORNER LEFT	1
5	EX-0410-45INR	00	EXTRUSION, CS3 45' IN-CORNER RIGHT	1
6	MP-8360-45EXT	00	45 DEG EXT. CORNER SUPPORT BRKT.	1
7	SA-4953-93	00	S/A 45 DEG CORNER WELD	1
8	MP-8369-IS45	00	SIDE PANEL, 45 DEG INSIDE CORNER	2
9	MP-8369-01	00	LOCKING BRACKET- CS31	2
10	CS31-02-NR-40IE	00	FINAL ASSY. CS3-2-T8, SPEC. REFL.-END	1
11	CS31-02-NR-40IS	00	FINAL ASSY. CS3-2-T8, SPEC. REFL.-START	1

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 .XX ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

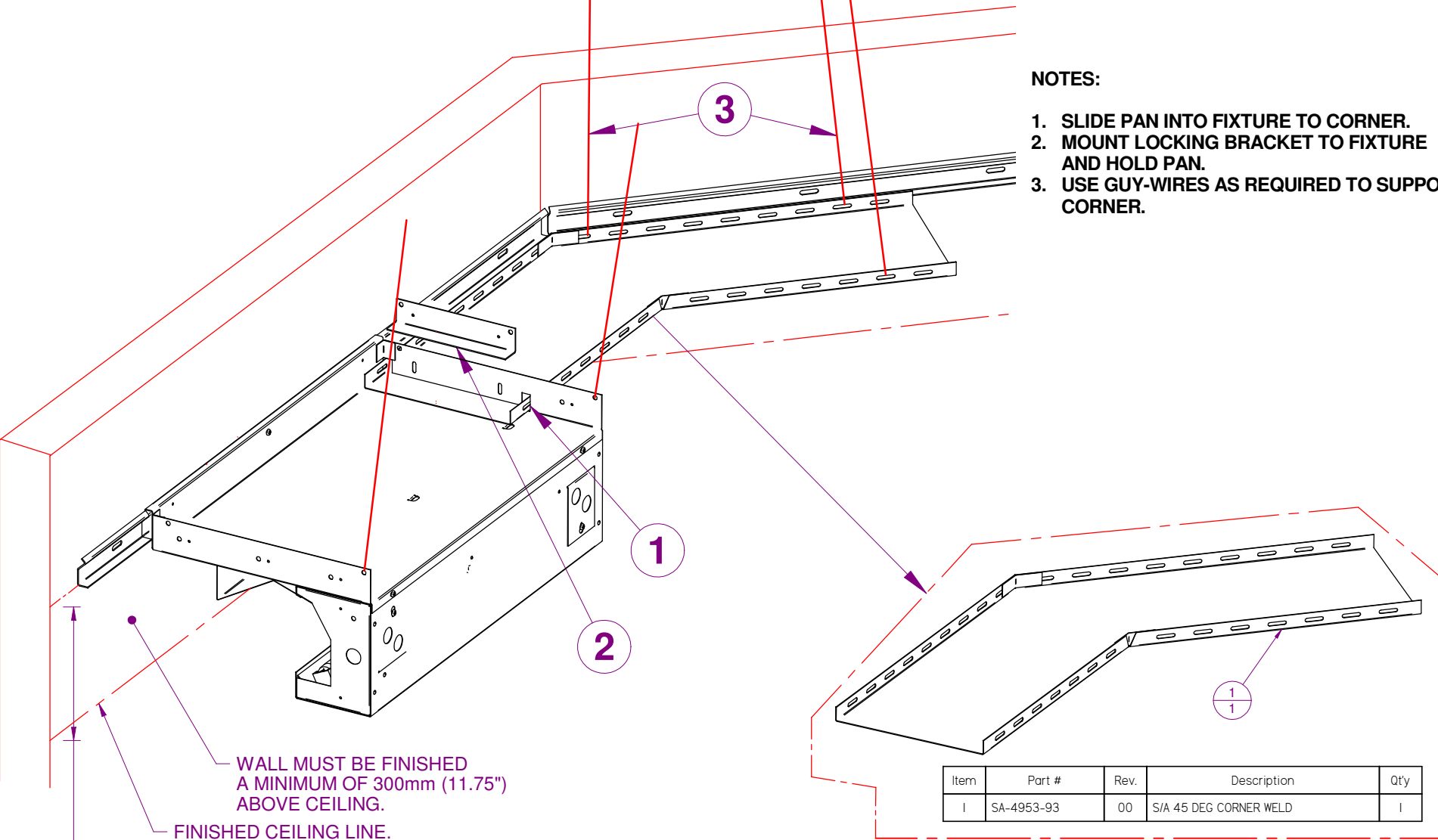
MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/29	SCALE: NTS
WEIGHT:	SHEET 1 OF 5

TITLE **CS31-IC4501 INSTALLATION INSTRUCTIONS**

METALUMEN DWG. NO. **IS-CS31-IC4501**

NOTES:

- 1. SLIDE PAN INTO FIXTURE TO CORNER.
- 2. MOUNT LOCKING BRACKET TO FIXTURE AND HOLD PAN.
- 3. USE GUY-WIRES AS REQUIRED TO SUPPORT CORNER.



WALL MUST BE FINISHED
A MINIMUM OF 300mm (11.75")
ABOVE CEILING.

FINISHED CEILING LINE.

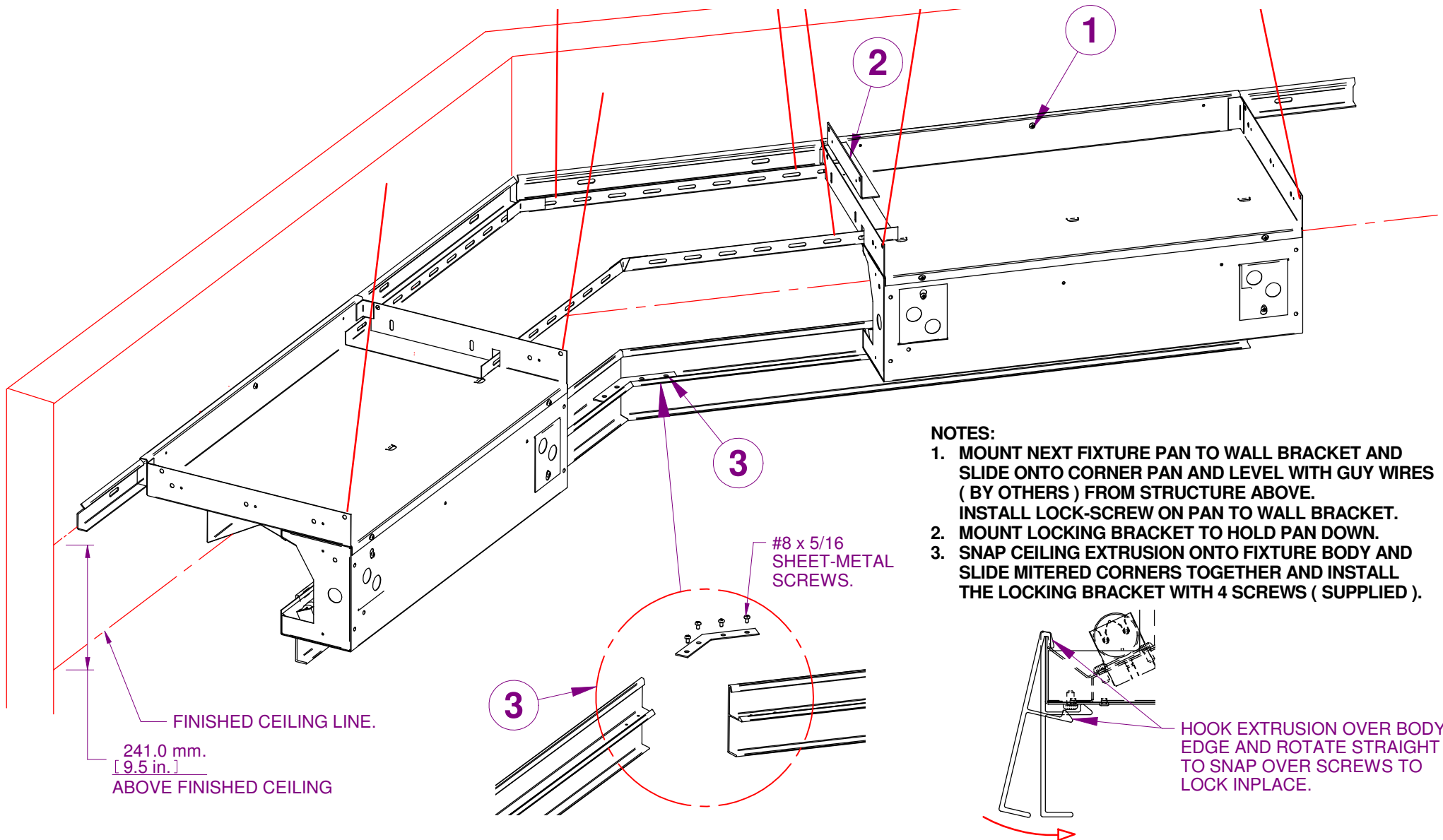
241.0 mm.
[9.5 in.]
ABOVE FINISHED CEILING

Item	Part #	Rev.	Description	Qty
1	SA-4953-93	00	S/A 45 DEG CORNER WELD	1

REV	ECN #	BY	DATE
00			

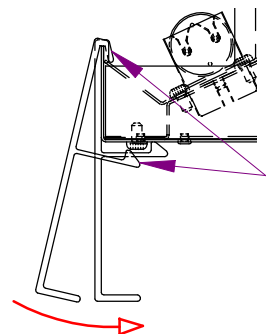
UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC X ± .8 XX ± .25 XXX ± .10 ALL ANGLES + 5° REMOVE SHARP CORNERS	MATERIAL:	DRAWN BY: Mkurg
	FINISH: Per Spec	CHECKED BY: XX
	DATE: 06/09/29	SCALE: NTS
	WEIGHT:	SHEET 3 OF 5

TITLE	CS31-IC4501 INSTALLATION INSTRUCTIONS
METALUMEN	DWG. NO. IS-CS31-IC4501



NOTES:

1. MOUNT NEXT FIXTURE PAN TO WALL BRACKET AND SLIDE ONTO CORNER PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE. INSTALL LOCK-SCREW ON PAN TO WALL BRACKET.
2. MOUNT LOCKING BRACKET TO HOLD PAN DOWN.
3. SNAP CEILING EXTRUSION ONTO FIXTURE BODY AND SLIDE MITERED CORNERS TOGETHER AND INSTALL THE LOCKING BRACKET WITH 4 SCREWS (SUPPLIED).



HOOK EXTRUSION OVER BODY EDGE AND ROTATE STRAIGHT TO SNAP OVER SCREWS TO LOCK INPLACE.

FINISHED CEILING LINE.
241.0 mm.
[9.5 in.]
ABOVE FINISHED CEILING

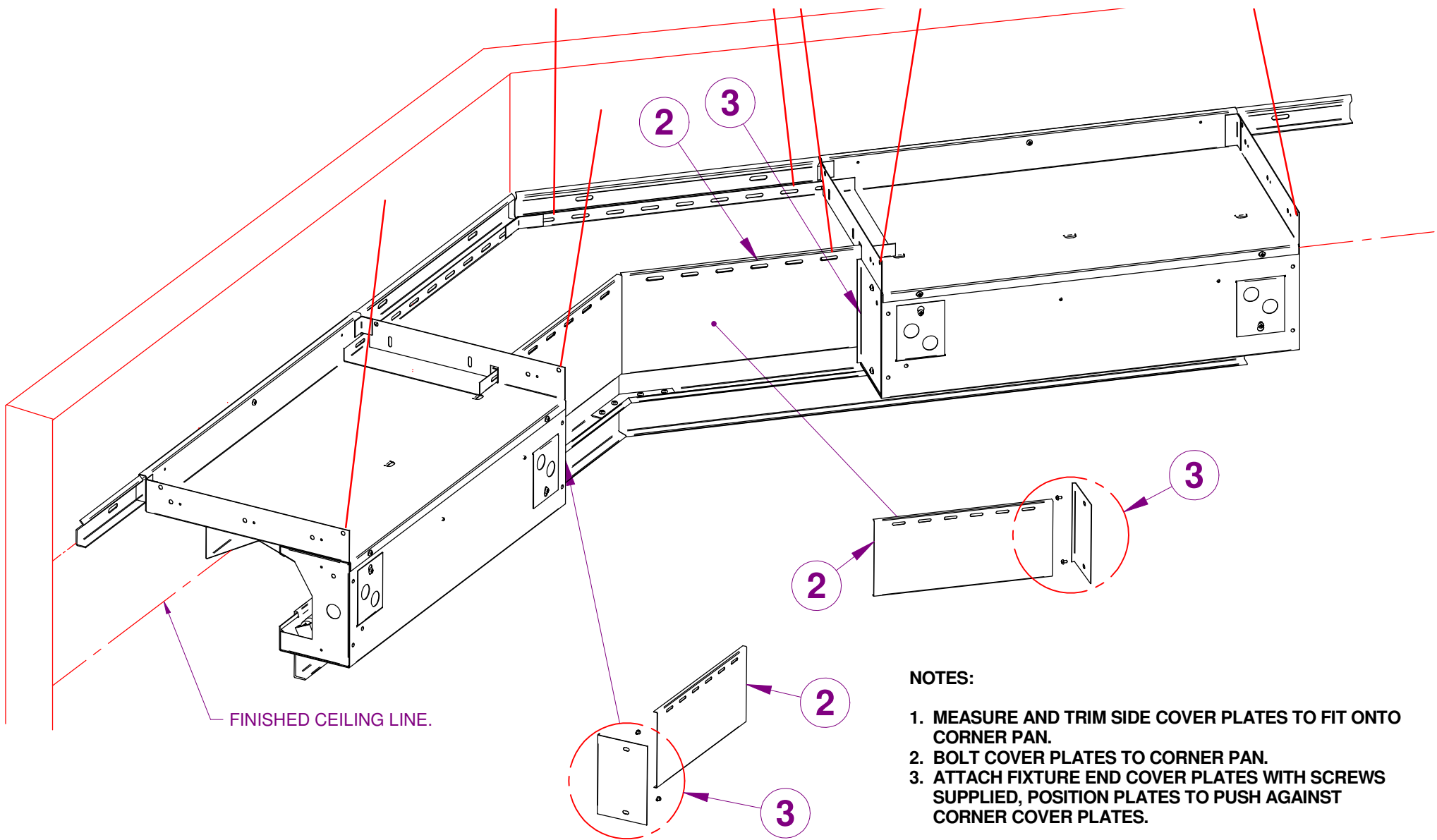
#8 x 5/16
SHEET-METAL
SCREWS.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
X ± .8
X ± .25
.XX ± .10
ALL ANGLES + 5°
REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkrug
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/29	SCALE: NTS
WEIGHT:	SHEET 4 OF 5

TITLE: CS31-IC4501 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-IC4501



NOTES:

1. MEASURE AND TRIM SIDE COVER PLATES TO FIT ONTO CORNER PAN.
2. BOLT COVER PLATES TO CORNER PAN.
3. ATTACH FIXTURE END COVER PLATES WITH SCREWS SUPPLIED, POSITION PLATES TO PUSH AGAINST CORNER COVER PLATES.

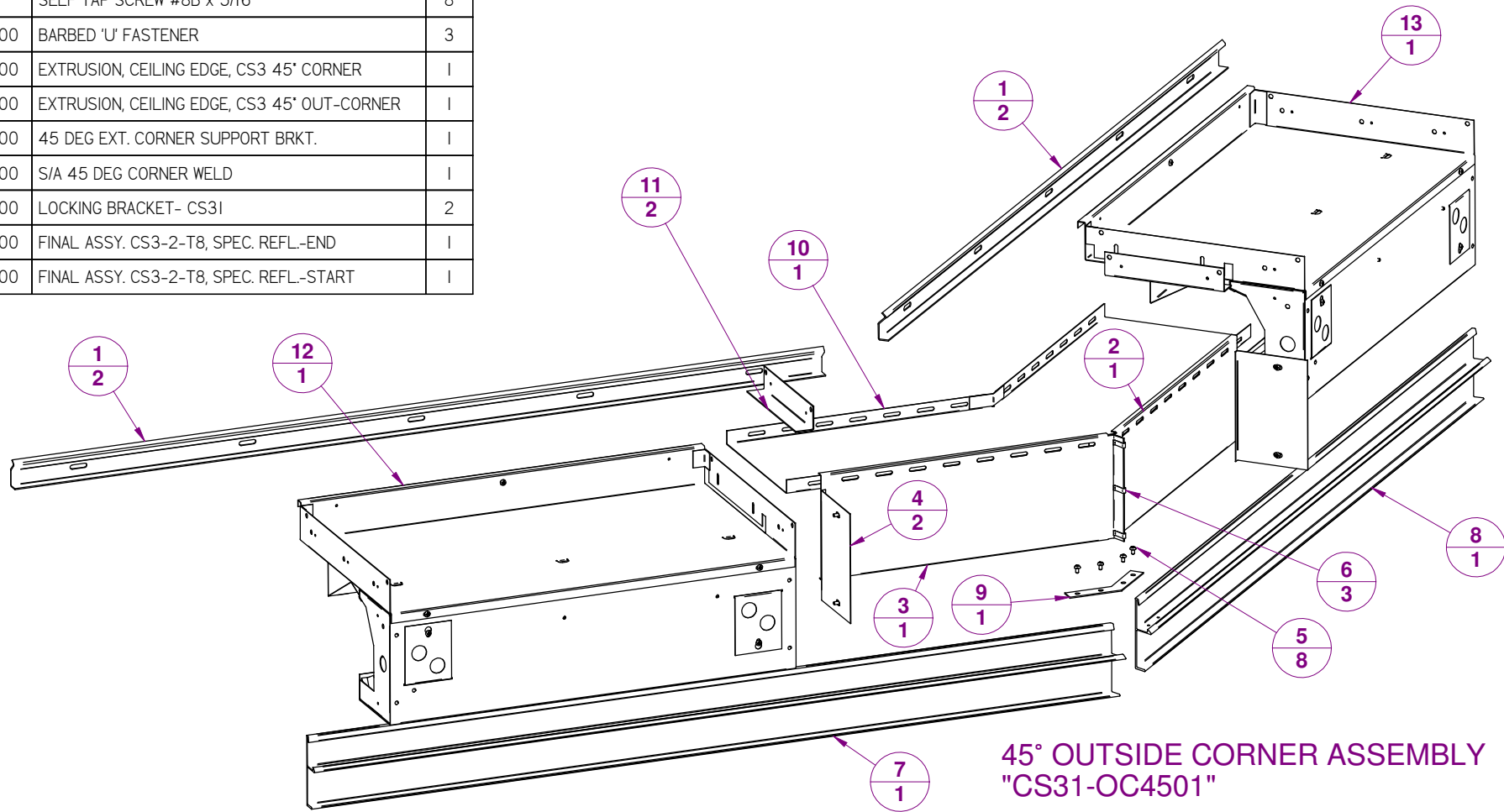
REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + .5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/29	SCALE: NTS
WEIGHT:	SHEET 5 OF 5

TITLE: CS31-IC4501 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-IC4501

Item	Part #	Rev.	Description	Qty
1	MP-8365-04	01	WALL BRACKET, 4'-T8 CS3-PERIMETER	2
2	MP-8369-0S45R	00	SIDE PANEL, 45 DEG OUTSIDE-RIGHT	1
3	MP-8369-0S45L	00	SIDE PANEL, 45 DEG OUTSIDE-LEFT	1
4	MP-8360-CVR	01	END COVER PLATE, CS3	2
5	ST-0800-05PZ		SELF TAP SCREW #8B x 5/16"	8
6	MH-0499	00	BARBED 'U' FASTENER	3
7	EX-0410-45L	00	EXTRUSION, CEILING EDGE, CS3 45' CORNER	1
8	EX-0410-45R	00	EXTRUSION, CEILING EDGE, CS3 45' OUT-CORNER	1
9	MP-8360-45EXT	00	45 DEG EXT. CORNER SUPPORT BRKT.	1
10	SA-4953-93	00	S/A 45 DEG CORNER WELD	1
11	MP-8369-01	00	LOCKING BRACKET- CS31	2
12	CS31-02-NR-401E	00	FINAL ASSY. CS3-2-T8, SPEC. REFL-END	1
13	CS31-02-NR-401S	00	FINAL ASSY. CS3-2-T8, SPEC. REFL-START	1



**45° OUTSIDE CORNER ASSEMBLY
"CS31-OC4501"**

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkrug
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/02	SCALE: NTS
WEIGHT:	SHEET 1 OF 5

TITLE CS31-OC4501 INSTALLATION INSTRUCTIONS

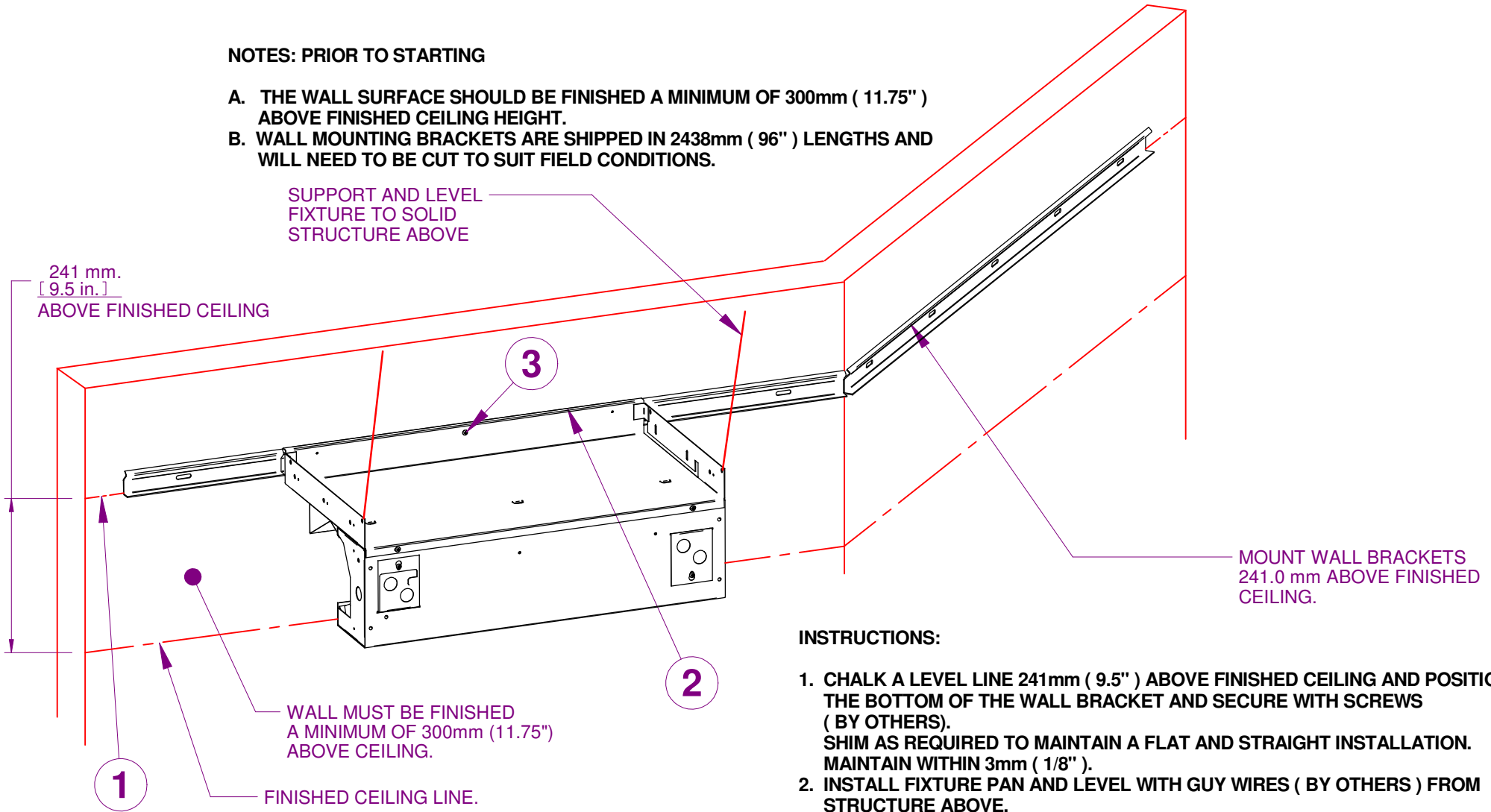
METALUMEN DWG. NO. IS-CS31-OC4501

NOTES: PRIOR TO STARTING

- A. THE WALL SURFACE SHOULD BE FINISHED A MINIMUM OF 300mm (11.75") ABOVE FINISHED CEILING HEIGHT.
- B. WALL MOUNTING BRACKETS ARE SHIPPED IN 2438mm (96") LENGTHS AND WILL NEED TO BE CUT TO SUIT FIELD CONDITIONS.

SUPPORT AND LEVEL
FIXTURE TO SOLID
STRUCTURE ABOVE

241 mm.
[9.5 in.]
ABOVE FINISHED CEILING



INSTRUCTIONS:

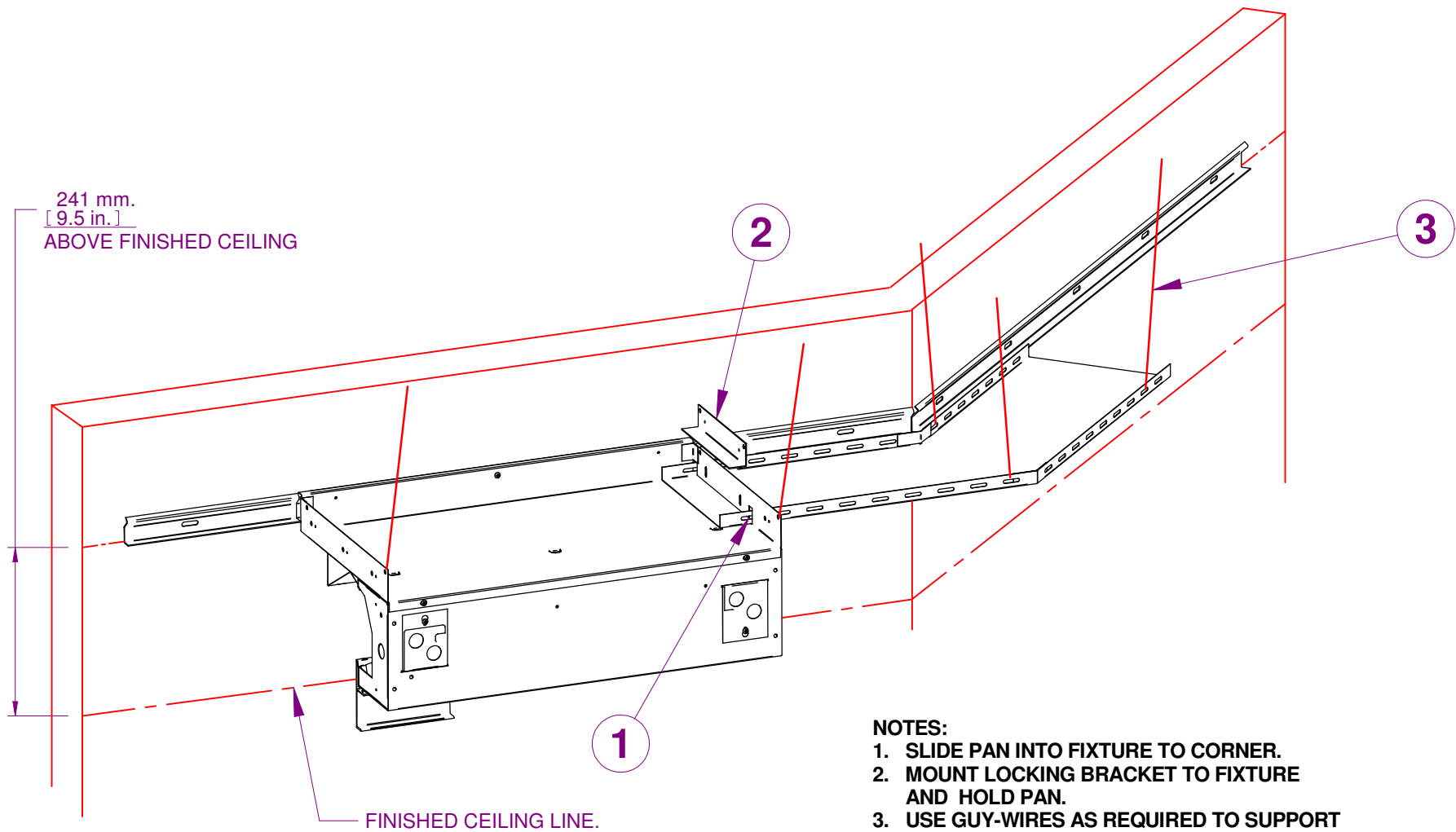
1. CHALK A LEVEL LINE 241mm (9.5") ABOVE FINISHED CEILING AND POSITION THE BOTTOM OF THE WALL BRACKET AND SECURE WITH SCREWS (BY OTHERS). SHIM AS REQUIRED TO MAINTAIN A FLAT AND STRAIGHT INSTALLATION. MAINTAIN WITHIN 3mm (1/8").
2. INSTALL FIXTURE PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE.
3. INSTALL LOCK-SCREWS ON PAN TO WALL BRACKET, #8 x 5/16 SHEET-METAL SCREWS SUPPLIED.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE
SPECIFIED TOLERANCES
DIMENSIONS ARE IN METRIC
X ± .8
Y ± .25
XX ± .30
ALL ANGLES + 5°
REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/02	SCALE: NTS
WEIGHT:	SHEET 2 OF 5

TITLE: CS31-0C4501 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-0C4501



- NOTES:**
1. SLIDE PAN INTO FIXTURE TO CORNER.
 2. MOUNT LOCKING BRACKET TO FIXTURE AND HOLD PAN.
 3. USE GUY-WIRES AS REQUIRED TO SUPPORT CORNER.

REV	ECN #	BY	DATE
00			

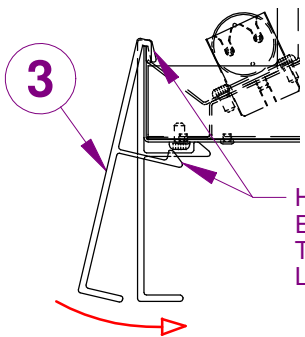
UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + .5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/02	SCALE: NTS
WEIGHT:	SHEET 3 OF 5

TITLE: CS31-0C4501 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-0C4501

NOTES:

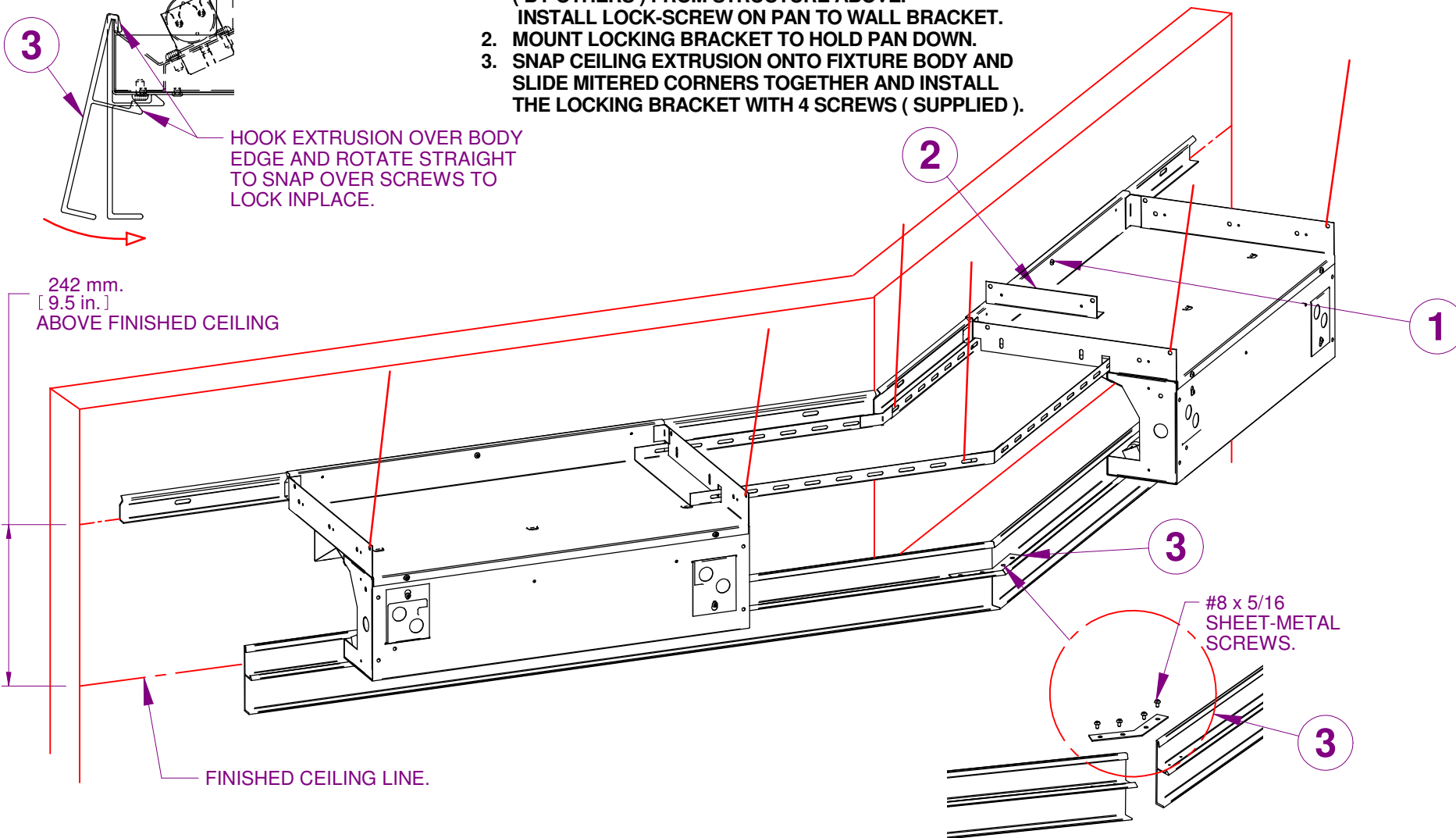
1. MOUNT NEXT FIXTURE PAN TO WALL BRACKET AND SLIDE ONTO CORNER PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE. INSTALL LOCK-SCREW ON PAN TO WALL BRACKET.
2. MOUNT LOCKING BRACKET TO HOLD PAN DOWN.
3. SNAP CEILING EXTRUSION ONTO FIXTURE BODY AND SLIDE MITERED CORNERS TOGETHER AND INSTALL THE LOCKING BRACKET WITH 4 SCREWS (SUPPLIED).



HOOK EXTRUSION OVER BODY EDGE AND ROTATE STRAIGHT TO SNAP OVER SCREWS TO LOCK INPLACE.

242 mm.
[9.5 in.]
ABOVE FINISHED CEILING

FINISHED CEILING LINE.



REV	ECN #	BY	DATE
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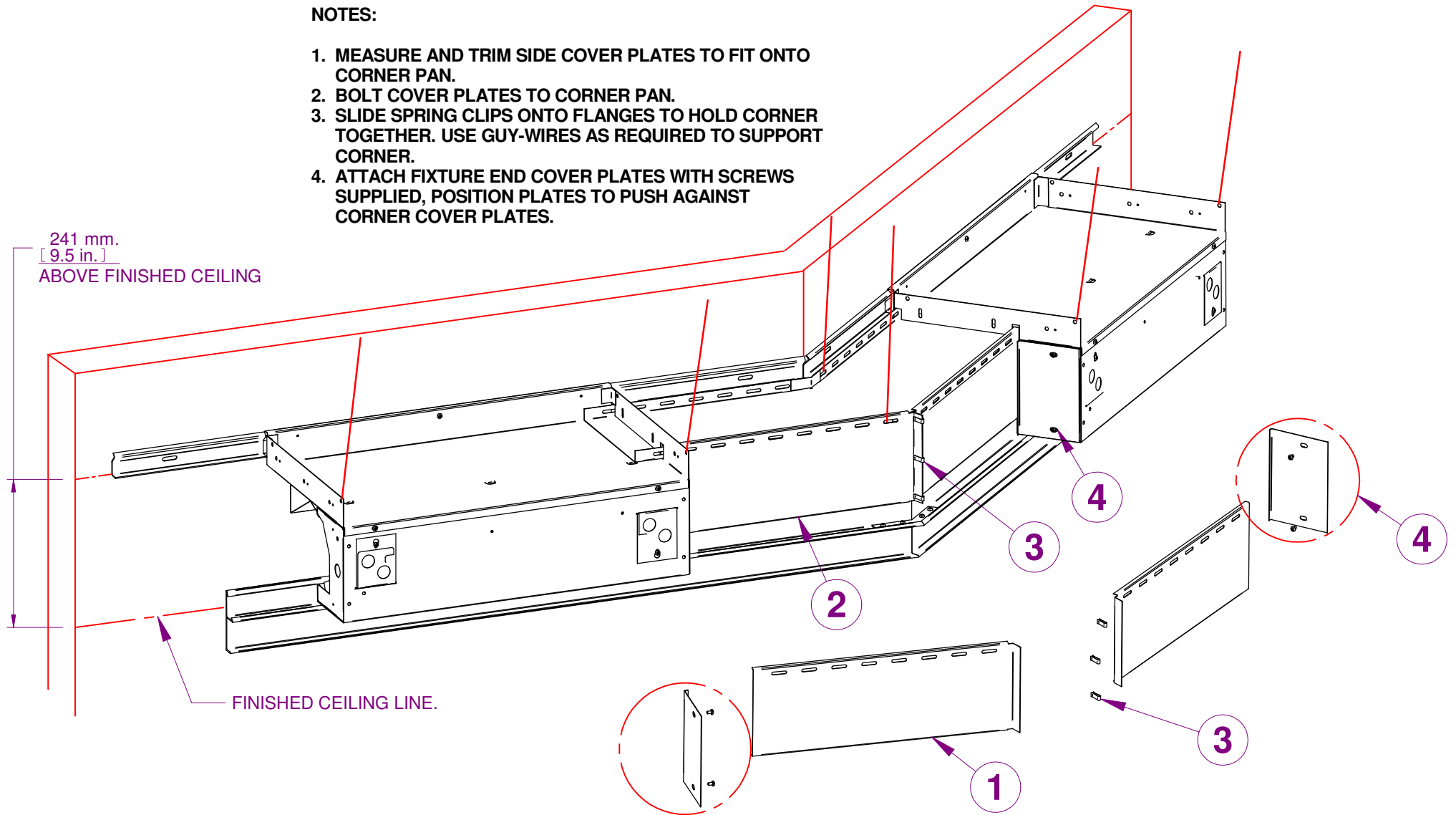
UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
X ± .8
XX ± .25
XXX ± .10
ALL ANGLES + 5°
REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkgurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/02	SCALE: NTS
WEIGHT:	SHEET 4 OF 5

TITLE: CS31-0C4501 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-0C4501

NOTES:

1. MEASURE AND TRIM SIDE COVER PLATES TO FIT ONTO CORNER PAN.
2. BOLT COVER PLATES TO CORNER PAN.
3. SLIDE SPRING CLIPS ONTO FLANGES TO HOLD CORNER TOGETHER. USE GUY-WIRES AS REQUIRED TO SUPPORT CORNER.
4. ATTACH FIXTURE END COVER PLATES WITH SCREWS SUPPLIED, POSITION PLATES TO PUSH AGAINST CORNER COVER PLATES.



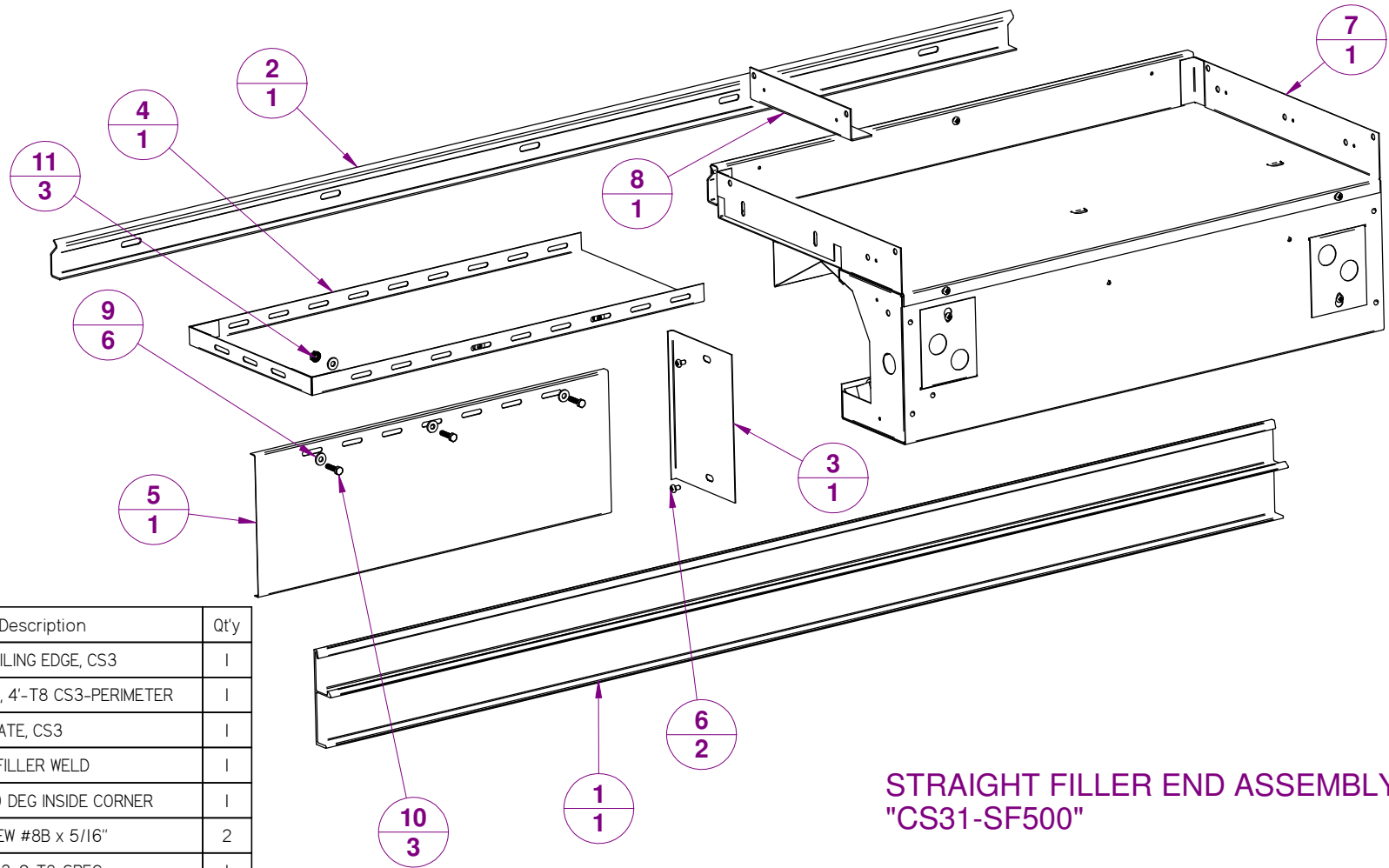
REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 Z ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/10/02	SCALE: NTS
WEIGHT:	SHEET 5 OF 5

TITLE CS31-0C4501 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-0C4501



**STRAIGHT FILLER END ASSEMBLY
"CS31-SF500"**

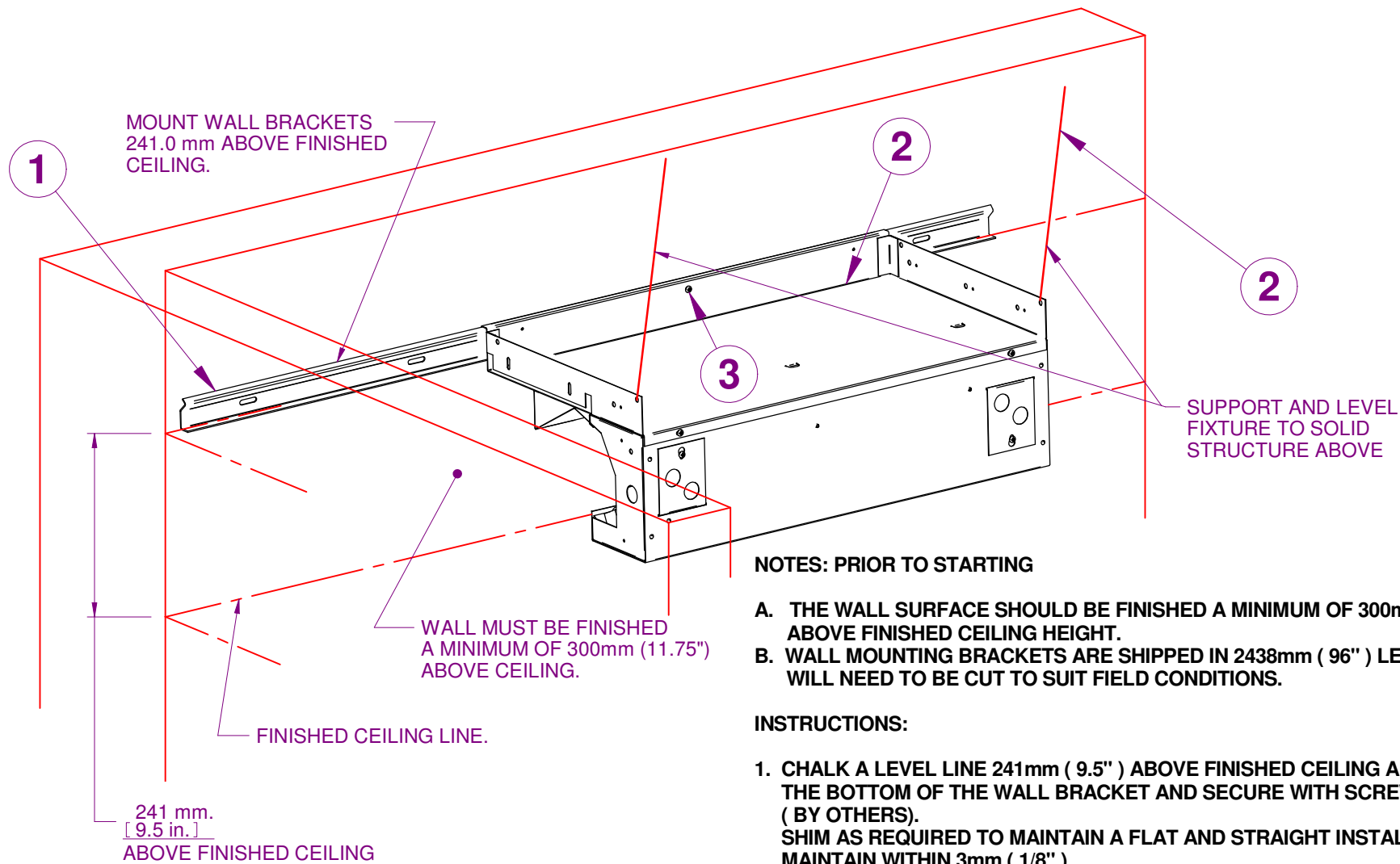
Item	Part #	Rev.	Description	Qty
1	EX-0410-04	00	EXTRUSION, CEILING EDGE, CS3	1
2	MP-8365-04	01	WALL BRACKET, 4'-T8 CS3-PERIMETER	1
3	MP-8360-CVR	01	END COVER PLATE, CS3	1
4	SA-4953-92	00	S/A STRAIGHT FILLER WELD	1
5	MP-8369-IS90	00	SIDE PANEL, 90 DEG INSIDE CORNER	1
6	ST-0800-05PZ		SELF TAP SCREW #8B x 5/16"	2
7	CS31-02-NR-40IS	00	FINAL ASSY. CS3-2-T8, SPEC. REFL-START	1
8	MP-8369-01	00	LOCKING BRACKET- CS31	1
9	WA-10ST-SDZ		WASHER FLAT #10 Zc Plt	6
10	SM-1032-12HNZ	00	HEX HEAD BOLT #10-32x3/4" LG	3
11	NU-1032-STLKZ		K-LOCK LOCK NUT #10-32 Stl Zc Plt	3

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkruga
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/28	SCALE: NTS
WEIGHT:	SHEET 1 OF 5

TITLE: CS31-SF500 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-SF500



NOTES: PRIOR TO STARTING

- A. THE WALL SURFACE SHOULD BE FINISHED A MINIMUM OF 300mm (11.75") ABOVE FINISHED CEILING HEIGHT.
- B. WALL MOUNTING BRACKETS ARE SHIPPED IN 2438mm (96") LENGTHS AND WILL NEED TO BE CUT TO SUIT FIELD CONDITIONS.

INSTRUCTIONS:

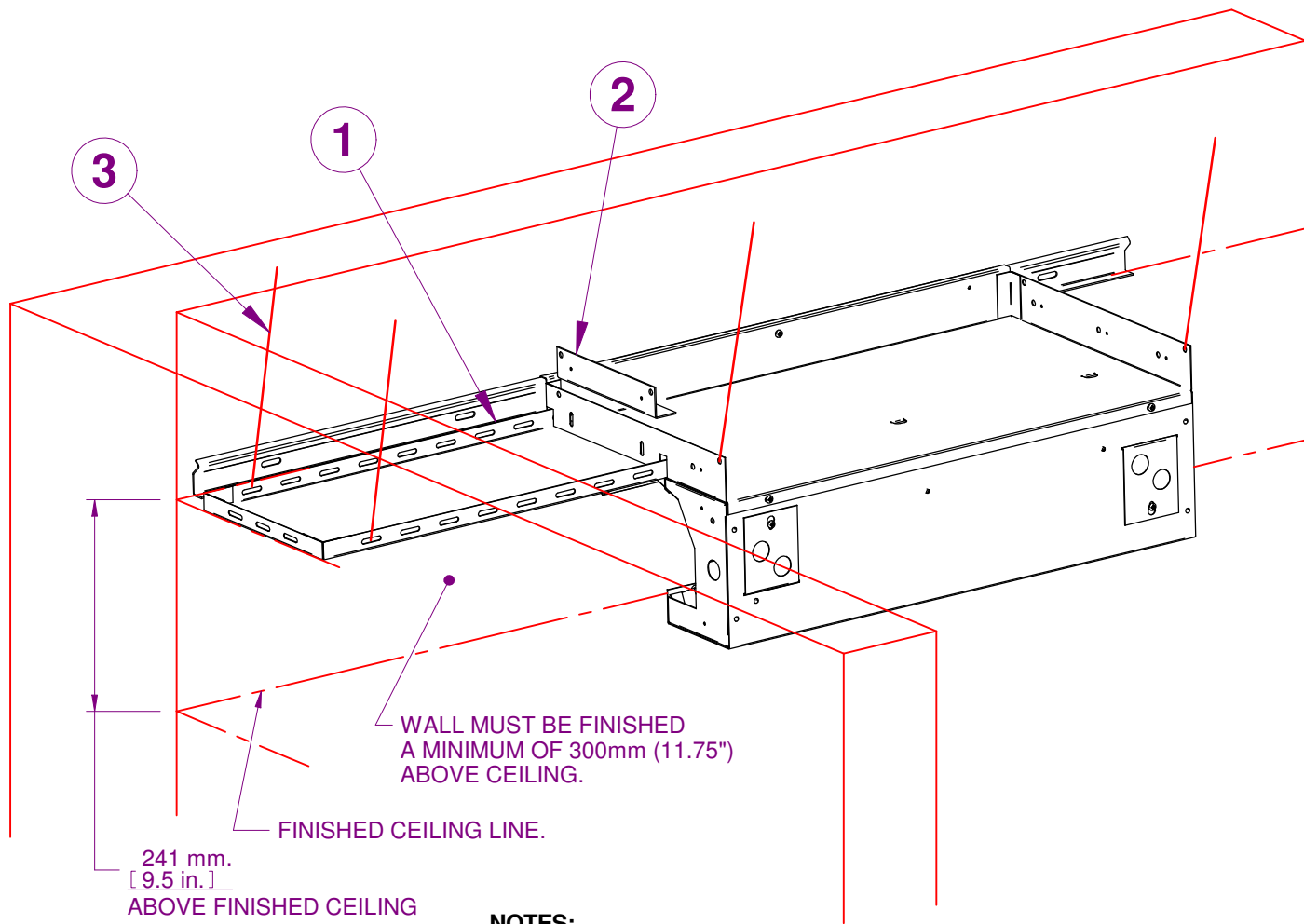
1. CHALK A LEVEL LINE 241mm (9.5") ABOVE FINISHED CEILING AND POSITION THE BOTTOM OF THE WALL BRACKET AND SECURE WITH SCREWS (BY OTHERS). SHIM AS REQUIRED TO MAINTAIN A FLAT AND STRAIGHT INSTALLATION. MAINTAIN WITHIN 3mm (1/8").
2. INSTALL FIXTURE PAN AND LEVEL WITH GUY WIRES (BY OTHERS) FROM STRUCTURE ABOVE.
3. INSTALL LOCK-SCREWS ON PAN TO WALL BRACKET, #8x5/16 SHEET-METAL SCREW SUPPLIED.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
X ± .8
Y ± .25
ZXX ± .10
ALL ANGLES + 5°
REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/28	SCALE: NTS
WEIGHT:	SHEET 2 OF 5

TITLE: CS31-SF500 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-SF500



NOTES:

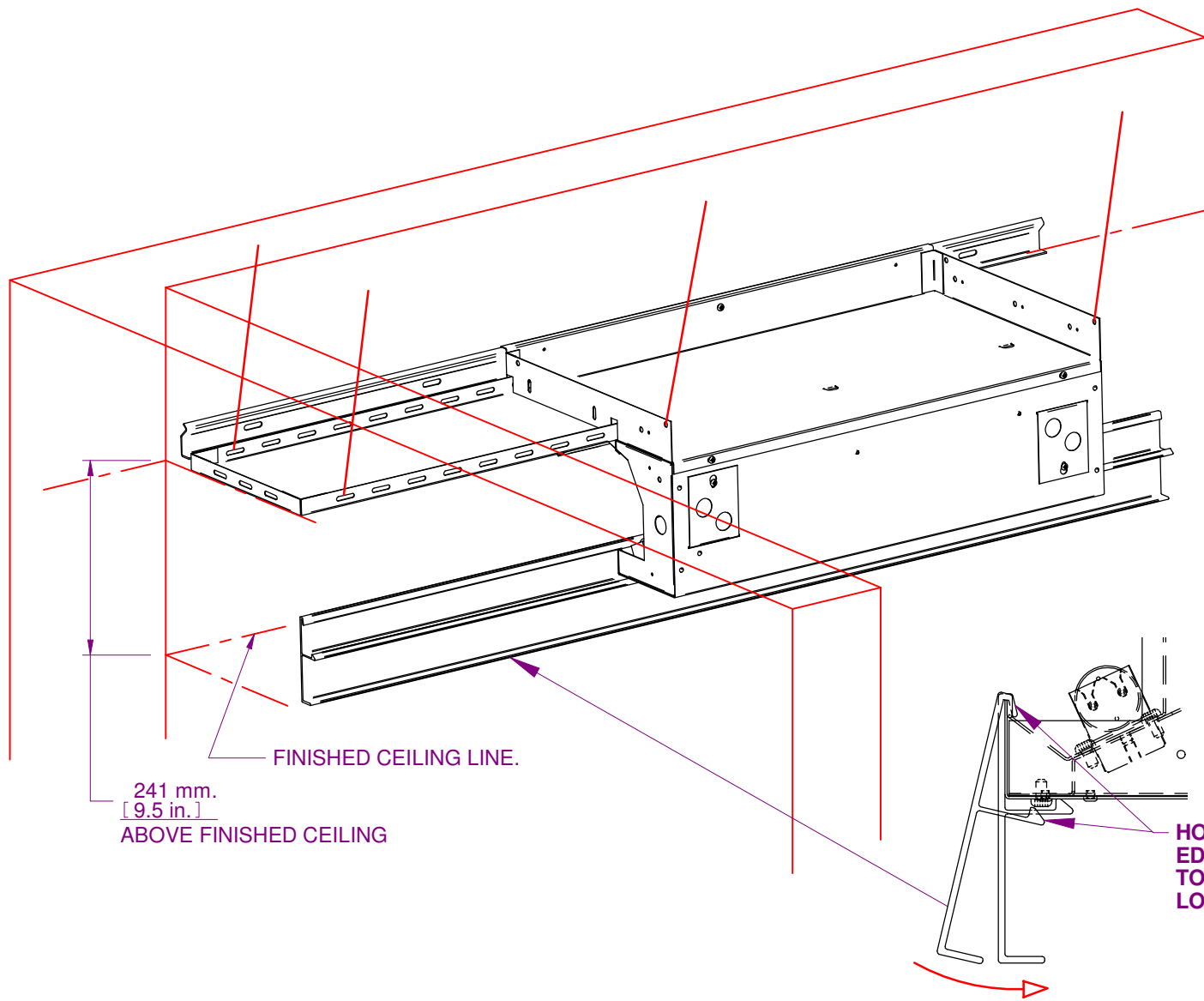
1. SLIDE PAN INTO FIXTURE.
2. MOUNT LOCKING BRACKET TO FIXTURE TO HOLD PAN .
3. USE GUY-WIRE AS REQUIRED TO SUPPORT FAR END.

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + .5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/28	SCALE: NTS
WEIGHT:	SHEET 3 OF 5

TITLE	CS31-SF500 INSTALLATION INSTRUCTIONS
METALUMEN	DWG. NO. IS-CS31-SF500



241 mm.
[9.5 in.]
ABOVE FINISHED CEILING

FINISHED CEILING LINE.

**HOOK EXTRUSION OVER BODY
EDGE AND ROTATE STRAIGHT
TO SNAP OVER SCREWS TO
LOCK INPLACE.**

REV	ECN #	BY	DATE
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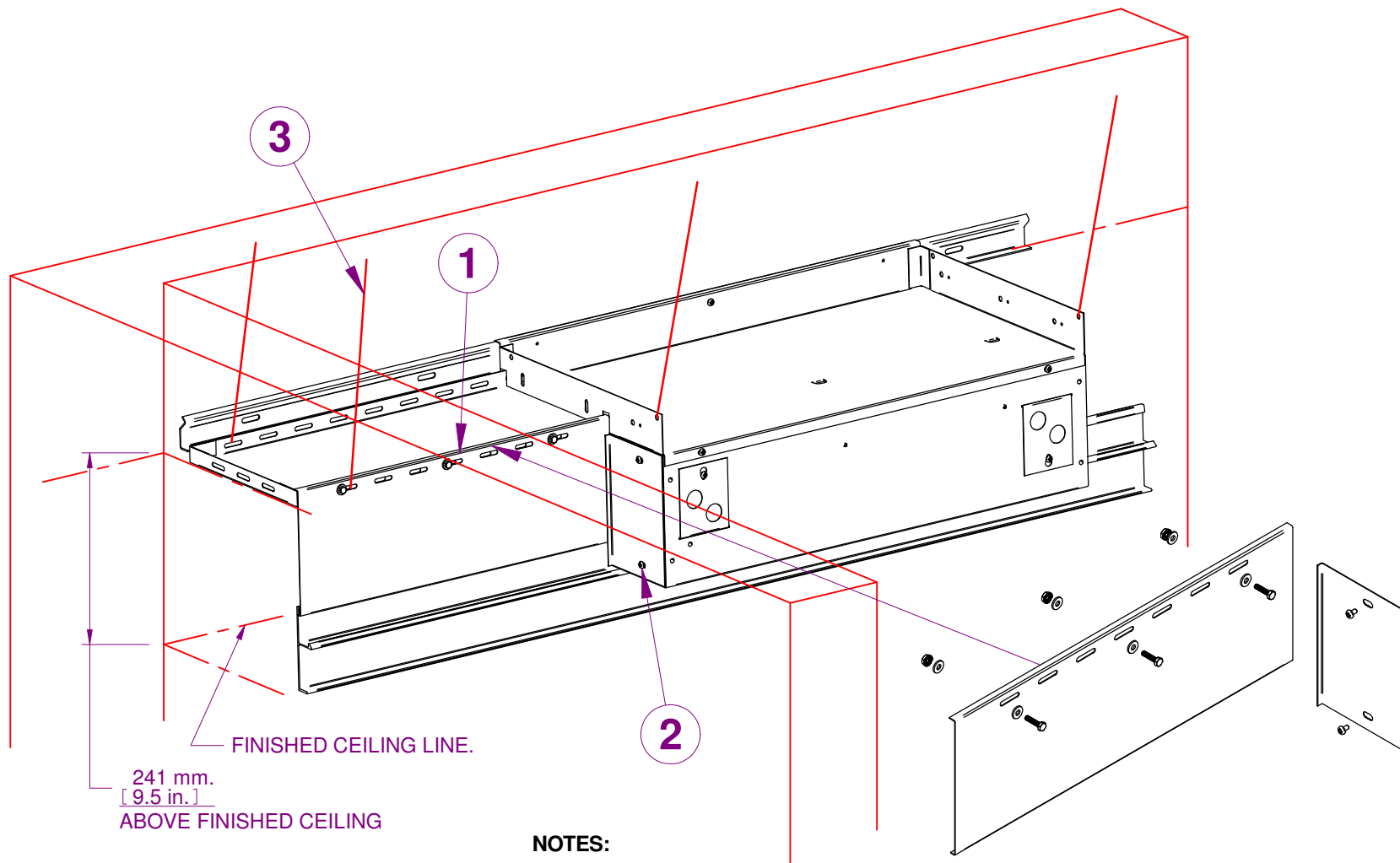
UNLESS OTHERWISE
SPECIFIED TOLERANCES
DIMENSIONS ARE IN METRIC
X ± .8
Y ± .25
XX ± .10
ALL ANGLES + .5°
REMOVE SHARP CORNERS

MATERIAL:
FINISH: Per Spec
DATE: 06/09/28
WEIGHT:

DRAWN BY: Mkgurg
CHECKED BY: XX
SCALE: NTS
SHEET 4 OF 5

TITLE CS31-SF500 INSTALLATION INSTRUCTIONS

METALUMEN DWG. NO. IS-CS31-SF500



NOTES:

- 1. MEASURE AND TRIM SIDE PANEL TO FIT AND BOLT TO PAN.**
- 2. ATTACH FIXTURE END COVER PLATES WITH SCREWS SUPPLIED, POSITION PLATES TO PUSH AGAINST SIDE PANELS.**
- 3. USE GUY-WIRES AS REQUIRED.**

REV	ECN #	BY	DATE
00			

UNLESS OTHERWISE SPECIFIED TOLERANCES DIMENSIONS ARE IN METRIC
 X ± .8
 Y ± .25
 .XX ± .10
 ALL ANGLES + 5°
 REMOVE SHARP CORNERS

MATERIAL:	DRAWN BY: Mkurg
FINISH: Per Spec	CHECKED BY: XX
DATE: 06/09/28	SCALE: NTS
WEIGHT:	SHEET 5 OF 5

TITLE: CS31-SF500 INSTALLATION INSTRUCTIONS
METALUMEN DWG. NO. IS-CS31-SF500