

GENERAL NOTES:

1. DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT SHALL CONFORM TO LATEST EDITIONS OF THE FOLLOWING:
 - NATIONAL BUILDING CODE
 - ONTARIO BUILDING CODE
 - LOCAL REGULATIONS
 - OSHA REGULATIONS
2. DRAWINGS ARE NOT TO BE SCALED.
3. THE CONTRACTOR SHALL CHECK AND VERIFY ALL SITE CONDITIONS AND MEASUREMENTS AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
4. NO CHANGES SHALL BE MADE WITHOUT THE ENGINEER'S APPROVAL.
5. OWNER HEALTH AND SAFETY TO SET UP BEST PRACTICES/PROCEDURES FOR MOBILE PLATFORM USE.

STEEL NOTES:

1. ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE.
2. ALL HOLE SIZES ARE 13/16" DIAMETER UNLESS OTHERWISE NOTED.
3. ALL BOLTS SHALL BE 3/4" DIAMETER A325 STRUCTURAL BOLTS UNLESS OTHERWISE NOTED.
4. WHERE NO WELD SYMBOL IS SHOWN, ASSUME FILLET ALL AROUND, WITH SIZE EQUAL TO THE LESSER OF 3/16" OR THE MINIMUM THICKNESS OF ADJOINING FACES, UNLESS NOTED.
5. STRUCTURAL STEEL PLATES, ANGLES, AND CHANNELS SHALL CONFORM TO CSA G40.21-300W, G40.21-350W CLASS C FOR HSS AND W SECTIONS.
6. WELDING SHALL CONFORM TO THE REQUIREMENTS OF CSA STANDARDS W59 AND SHALL BE UNDERTAKEN BY A FABRICATOR AND ERECTOR FULLY APPROVED BY THE CANADIAN WELDING BUREAU TO THE REQUIREMENTS OF CSA STANDARDS W47, DIVISION 1 OR DIVISION 2.1.
7. FIELD VERIFY ALL DIMENSIONS PRIOR TO MANUFACTURING.
8. ALL STRUCTURAL STEEL TO BE FINISHED AS APPROVED BY THE CONTRACTOR/OWNER.
9. ALL HARDWARE TO BE TORQUED BY TURN-OF-NUT METHOD AS PER S16-19 23.7.2, AND TABLE 7.

DESIGN LOADS:

DESIGN LOADS ARE UNFACTOR UNLESS NOTED OTHERWISE:

MOBILE PLATFORM LOADS:

DEAD LOADS:

-SELF-WEIGHT OF STRUCTURE

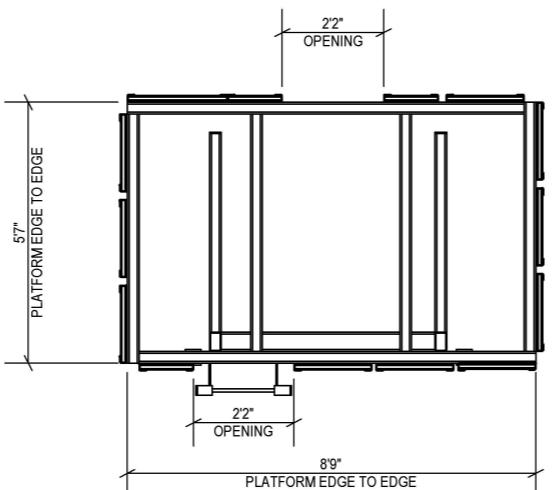
LIVE LOADS:

- OCCUPANCY LOAD = 800 LBS (MAX. 2 PEOPLE)

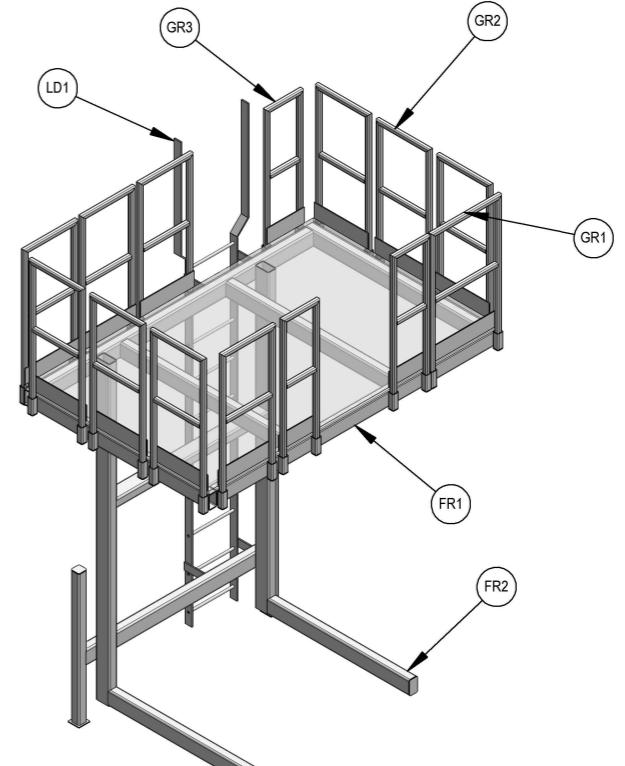
GUARD LOADS:

- HORIZONTAL POINT LOAD AT ANY LOCATION ON GUARD = 1 kN
- HORIZONTAL LOAD ON TOP RAIL = 0.75 kN/m (DISTRIBUTED)
- VERTICAL LOAD ON TOP RAIL = 1.5 kN/m (DISTRIBUTED)
- CONCENTRATED LOAD OF 0.5 kN OVER 100mm BY 100mm AREA AT ANY POINT ON THE ELEMENT OR ELEMENTS WITHIN THE GUARD.

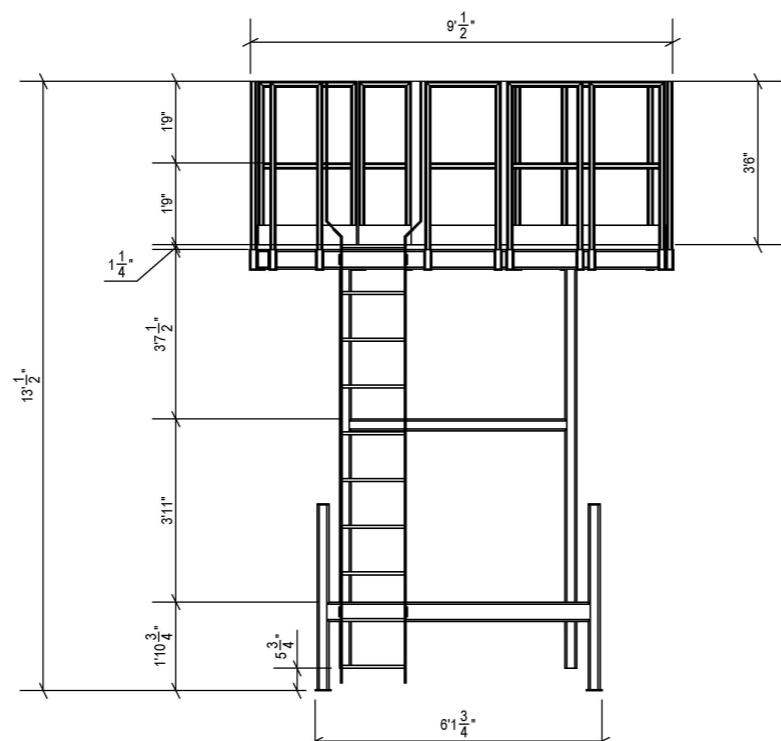
PART NO.	QTY.	DESCRIPTION	WEIGHT (LBS)
FR1	1	PLATFORM FRAME	462.11
FR2	1	VERTICAL FRAME	522.36
LD1	1	FIXED ACCESS LADDER	102.62
GR1	1	2'-0" GUARDRAIL	45.23
GR2	10	1'-6" GUARDRAIL	39.96
GR3	3	1'-0" GUARDRAIL	34.68



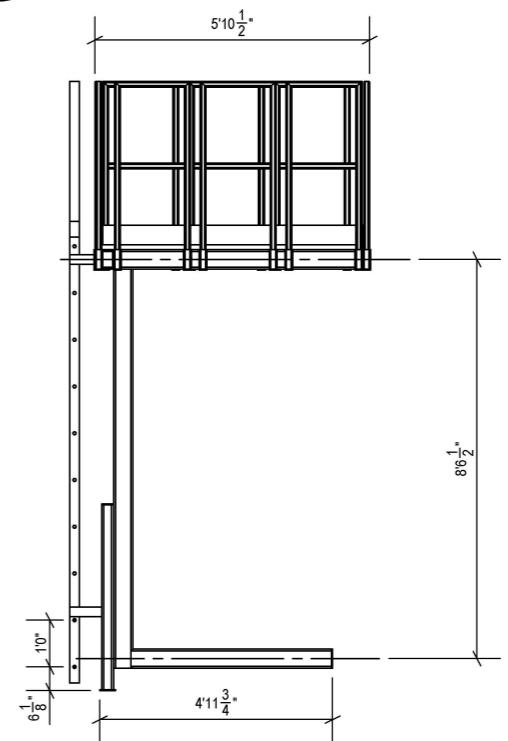
2
S1 MOBILE PLATFORM - TOP VIEW
SCALE: 1:48



1
S1 MOBILE PLATFORM - ISOMETRIC VIEW
SCALE: 1:48



3
S1 MOBILE PLATFORM - FRONT VIEW
SCALE: 1:48



4
S1 MOBILE PLATFORM - FRONT VIEW
SCALE: 1:48

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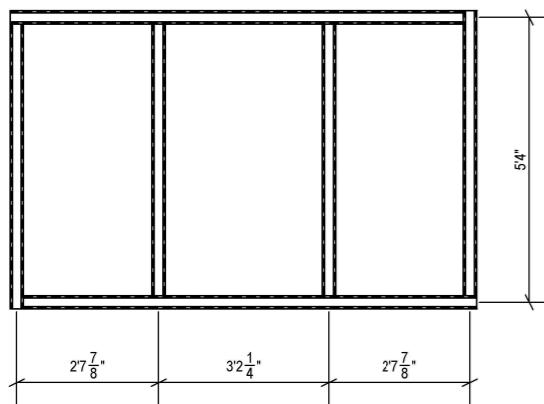
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CLIENT:
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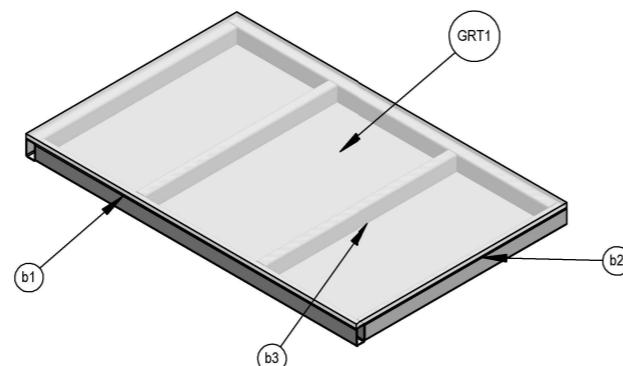
DRAWING TITLE:
Mobile Platform Assembly

PROJECT:
Posi-Plus Technologies Mobile Platform
150 SOUTHGATE DR, GUELPH
ONTARIO, N1G 4P5

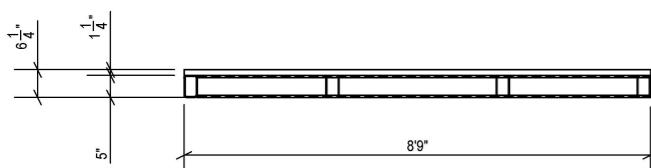
DRAWN BY: TC DATE: 2025-12-16
SCALE: As Noted SHEET NO:
PROJECT NO: 25-12-033 S1



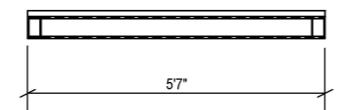
2
S2 FR1 - TOP VIEW
SCALE: 1:42



1
S2 FR1 - ISOMETRIC VIEW
SCALE: 1:42

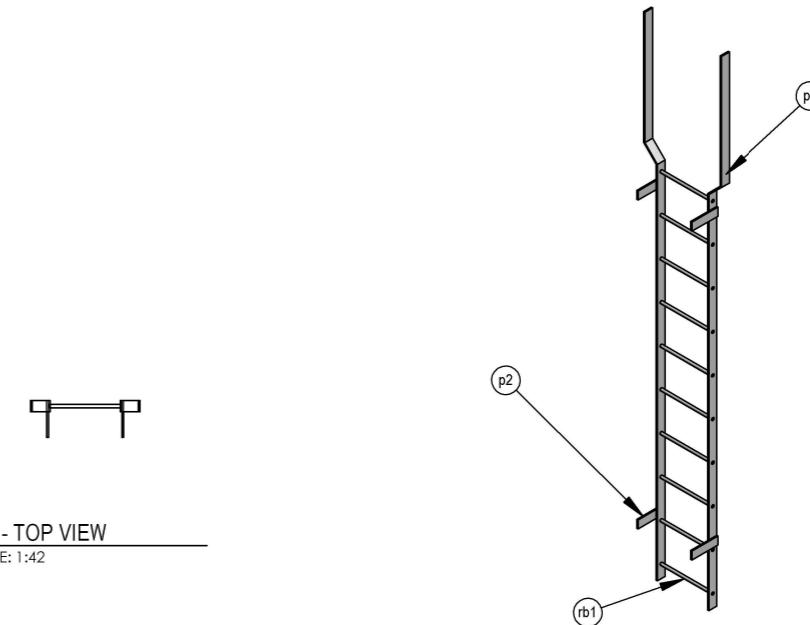


3
S2 FR1 - FRONT VIEW
SCALE: 1:42



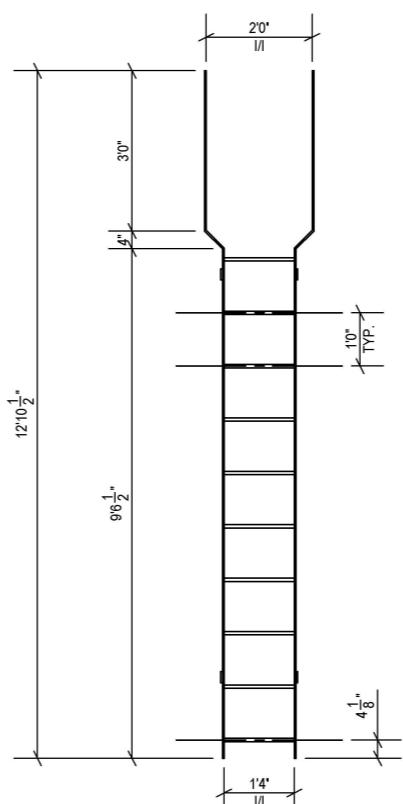
4
S2 FR1 - SIDE VIEW
SCALE: 1:42

PART NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT (LBS.)
b1	2	HSS5x3x0.25	8'6"	G40.21 350W	103.82
b2	2	HSS5x3x0.25	5'4"	G40.21 350W	65.14
b3	2	HSS5x3x0.25	5'1"	G40.21 350W	62.09
p1	2	2 1/2" x 3/8" FB LADDER STRINGER		G40.21 300W	41.52
p2	4	PLATE, 3/8" x 2 1/2" x 8 1/4"		G40.21 300W	2.19
rb1	10	3/4" RB LADDER RUNGS		G40.21 300W	2.05
GRT1	1	1"x1/8" 19-W-4 SERRATED BAR GRATING			



6
S2 LD1 - TOP VIEW
SCALE: 1:42

5
S2 LD1 - ISOMETRIC VIEW
SCALE: 1:42



7
S2 LD1 - FRONT VIEW
SCALE: 1:42

8
S2 LD1 - SIDE VIEW
SCALE: 1:42

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DRAWING TITLE:
FR1 & LD1 - Views & Cut Lists

PROJECT:
Posi-Plus Technologies Mobile Platform
150 SOUTHGATE DR, GUELPH
ONTARIO, N1G4P5

DRAWN BY: TC DATE: 2025-12-16
SCALE: As Noted SHEET NO:
PROJECT NO: 25-12-033 S2

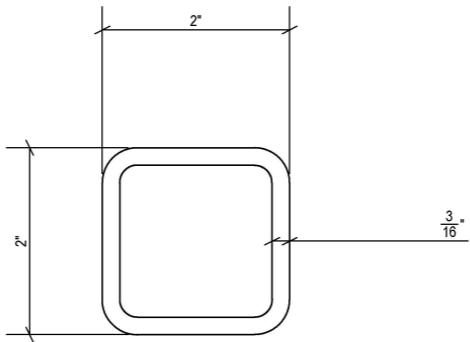
ISSUED FOR REVIEW & COMMENT

DESCRIPTION

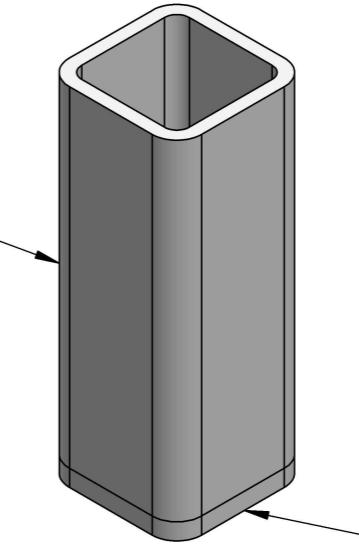
O TC 2025-12-17

REV BY DATE

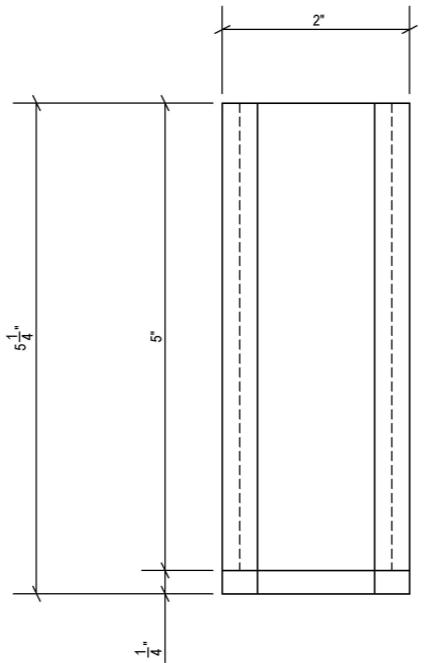
PART NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT (LBS.)
c4	1	HSS2x2x0.1875	5"	G40.21 350W	1.80
p6	1	PLATE, 1/4" x 2" x 2"		G40.21 300W	0.28



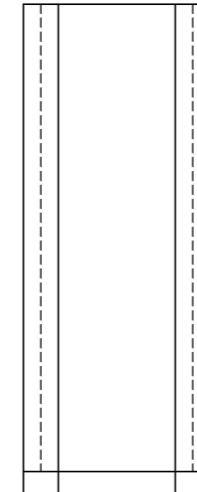
2 GP1 - TOP VIEW
S3 SCALE: 1:2



1 GP1 - ISOMETRIC VIEW
S3 SCALE: 1:2



3 GP1 - FRONT VIEW
S3 SCALE: 1:2



4 GP1 - SIDE VIEW
S3 SCALE: 1:2



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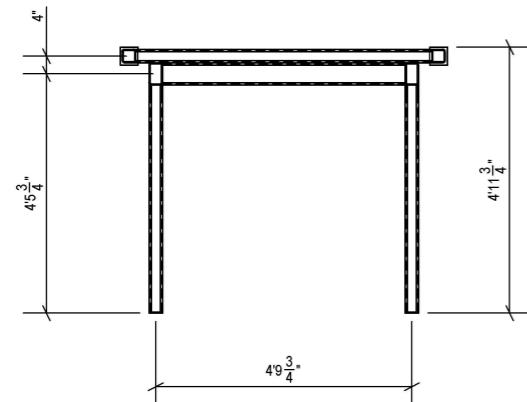
DRAWING TITLE:

GP1 (Guardrail Pocket) - Views & Cut List

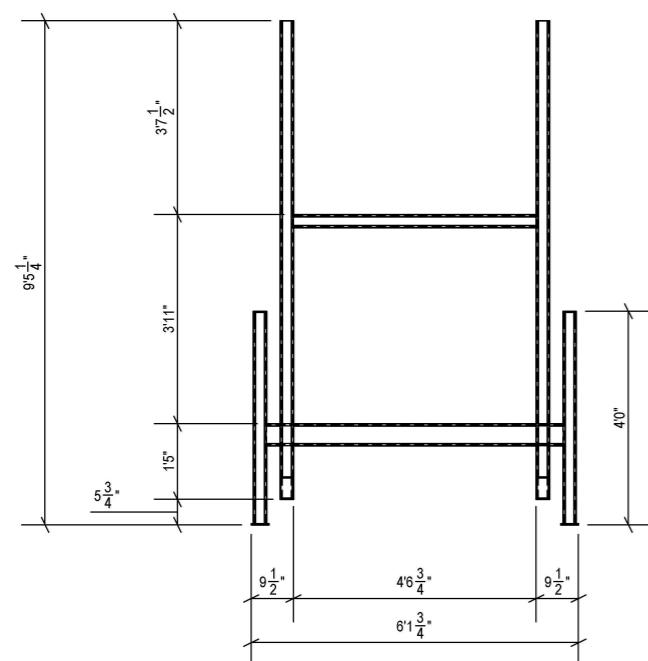
PROJECT:
Posi-Plus Technologies Mobile Platform
150 SOUTHGATE DR, GUELPH
ONTARIO, N1G 4P5

DRAWN BY:	TC	DATE:	2025-12-16
SCALE:	As Noted	SHEET NO:	S3
PROJECT NO:	25-12-033		

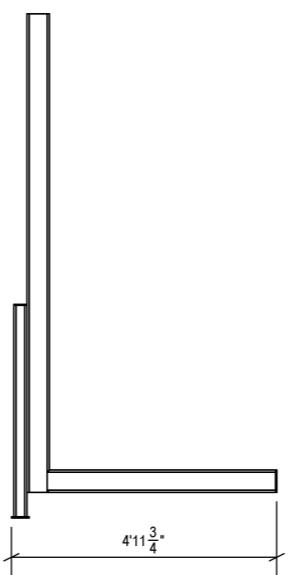
PART NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT (LBS.)
c1	2	HSS3x3x0.25	3'11 1/2"	G40.21 350W	34.88
c2	2	HSS5x3x0.25	8'11 1/2"	G40.21 350W	109.42
b4	2	HSS5x3x0.25	4'3 1/2"	G40.21 350W	52.04
b5	1	HSS5x3x0.25	5'7 3/4"	G40.21 350W	68.20
b6	1	HSS5x3x0.25	4'7 3/4"	G40.21 350W	55.87
p3	2	PLATE, 1/4" x 3" x 3"		G40.21 300W	0.62
p4	2	PLATE, 1/4" x 3" x 5"		G40.21 300W	1.05
p5	2	PLATE, 1/4" x 4" x 4"		G40.21 300W	1.13



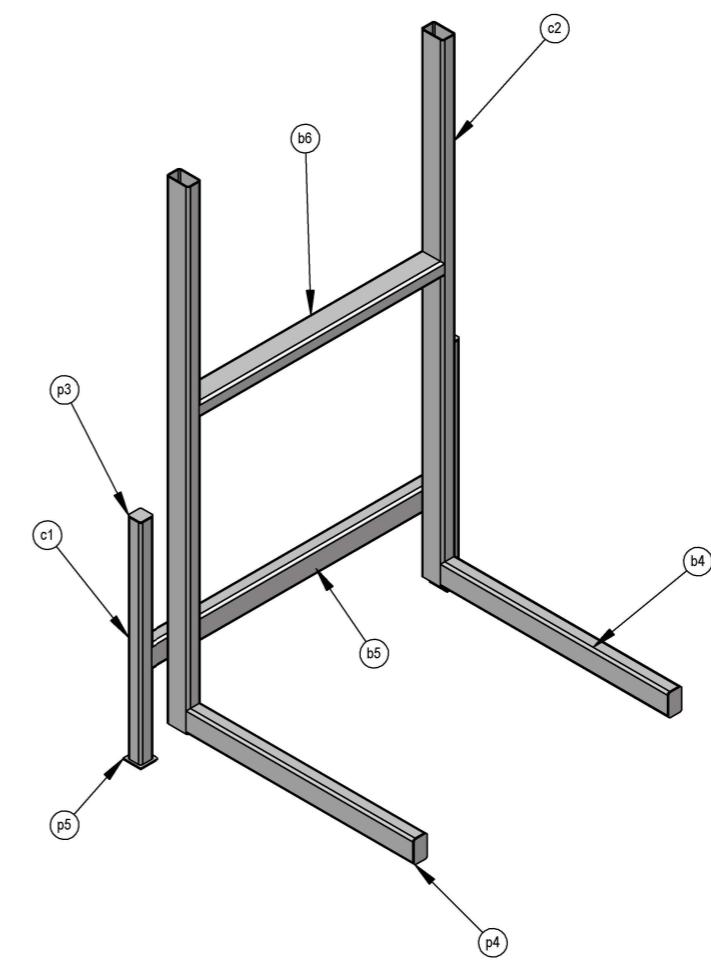
2
S4
FR2 - TOP VIEW
SCALE: 1:42



3
S4
FR2 - FRONT VIEW
SCALE: 1:42



4
S4
FR2 - SIDE VIEW
SCALE: 1:42



1
S4
FR2 - ISOMETRIC VIEW
SCALE: 1:30

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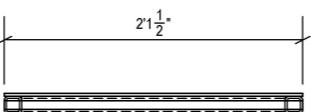
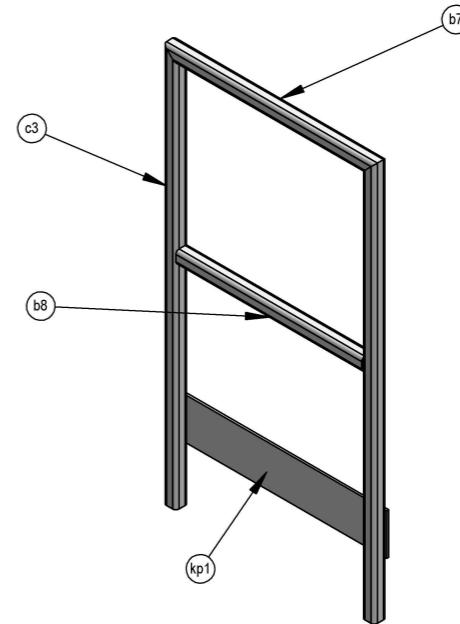
DRAWING TITLE:
FR1 - Views & Cutlist

PROJECT:
Posi-Plus Technologies Mobile Platform
150 SOUTHGATE DR, GUELPH
ONTARIO, N1G4P5

DRAWN BY: TC DATE: 2025-12-16
SCALE: As Noted SHEET NO:
PROJECT NO: 25-12-033 S4
25-12-033

PART NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT (LBS.)
c3	2	HSS2x2x0.1875	4' 1/4"	G40.21 350W	12.04
b7	1	HSS2x2x0.1875	2'1 1/2"	G40.21 350W	6.08
b8	1	HSS2x2x0.1875	1'10 1/2"	G40.21 350W	5.70
kp1	1	PLATE, 1/4" x 5" x 2'1 1/2"		G40.21 300W	9.04

REVIEW	DATE	DESCRIPTION
O	TC	2025-12-17
		ISSUED FOR REVIEW & COMMENT



2
S5 GR1 - TOP VIEW
SCALE: 1:16

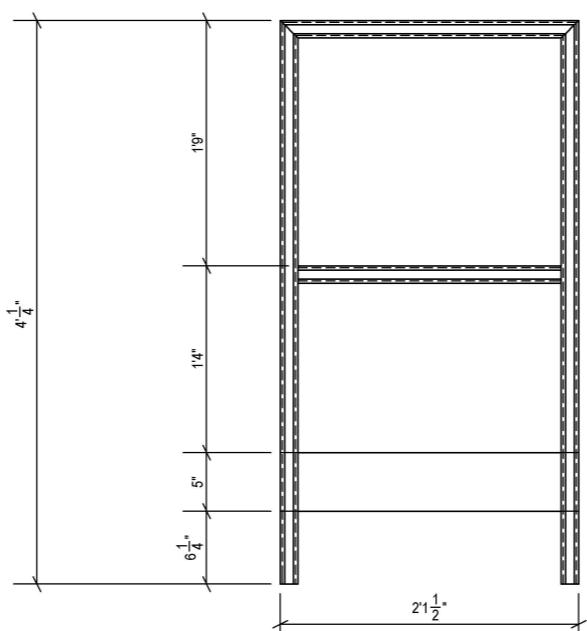
1
S5 GR1 - ISOMETRIC VIEW
SCALE: 1:16

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3
S5 GR1 - FRONT VIEW
SCALE: 1:16



4
S5 GR1 - SIDE VIEW
SCALE: 1:16

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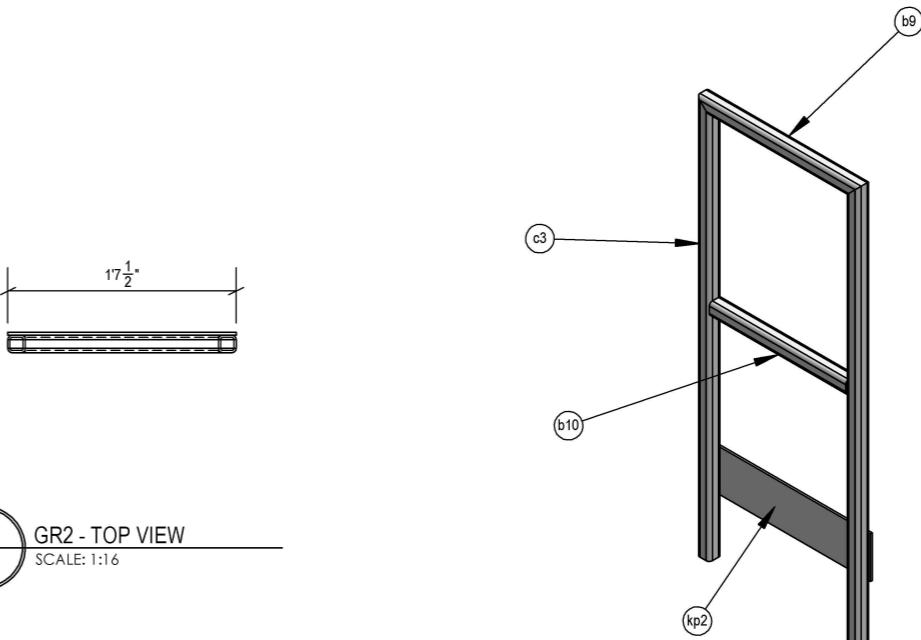
DRAWING TITLE:
GR1 (2'-0") - Views & Cut List

PROJECT:
Posi-Plus Technologies Mobile Platform
150 SOUTHGATE DR, GUELPH
ONTARIO, N1G4P5

DRAWN BY: TC DATE: 2025-12-16
SCALE: As Noted SHEET NO:
PROJECT NO: 25-12-033 S5

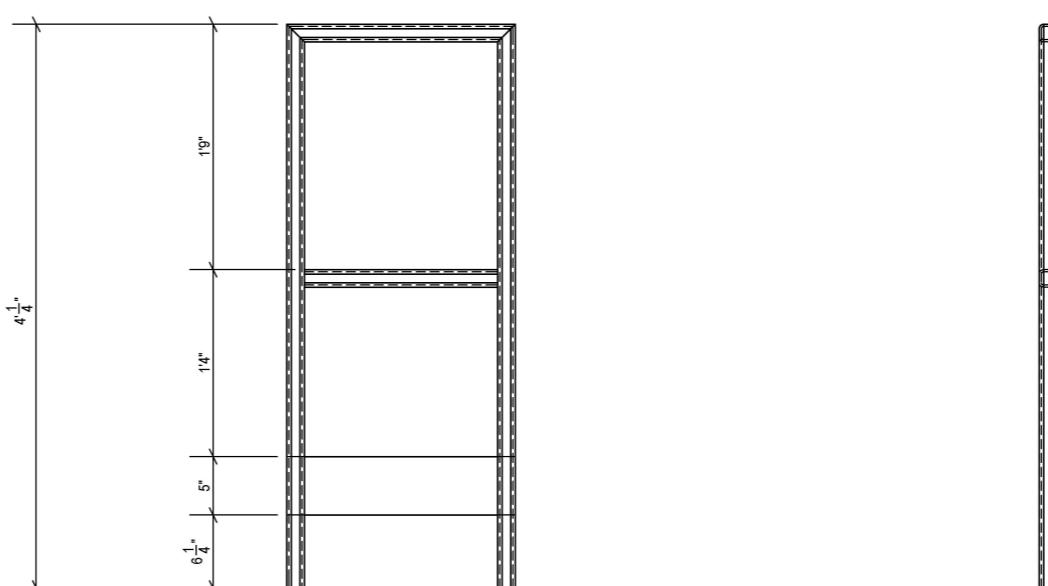
PART NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT (LBS.)
c3	2	HSS2x2x0.1875	4' 1/4"	G40.21 350W	12.04
b9	1	HSS2x2x0.1875	17 1/2"	G40.21 350W	4.56
b10	1	HSS2x2x0.1875	1'4 1/2"	G40.21 350W	4.18
kp2	1	PLATE, 1/4" x 5" x 1'7 1/2"		G40.21 300W	6.91

NOTE: QUANTITIES SHOWN ARE FOR CONSTRUCTION OF 1 GUARD RAIL SECTION. 10 REQUIRED



2 GR2 - TOP VIEW
S6 SCALE: 1:16

1 GR2 - ISOMETRIC VIEW
S6 SCALE: 1:16



3 GR2 - FRONT VIEW
S6 SCALE: 1:16

4 GR2 - SIDE VIEW
S6 SCALE: 1:16



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DRAWING TITLE:
GR2 (1'-6") - Views & Cut List

PROJECT:
Posi-Plus Technologies Mobile Platform
150 SOUTHGATE DR, GUELPH
ONTARIO, N1G 4P5

DRAWN BY: TC DATE: 2025-12-16
SCALE: As Noted SHEET NO:
PROJECT NO: 25-12-033 S6

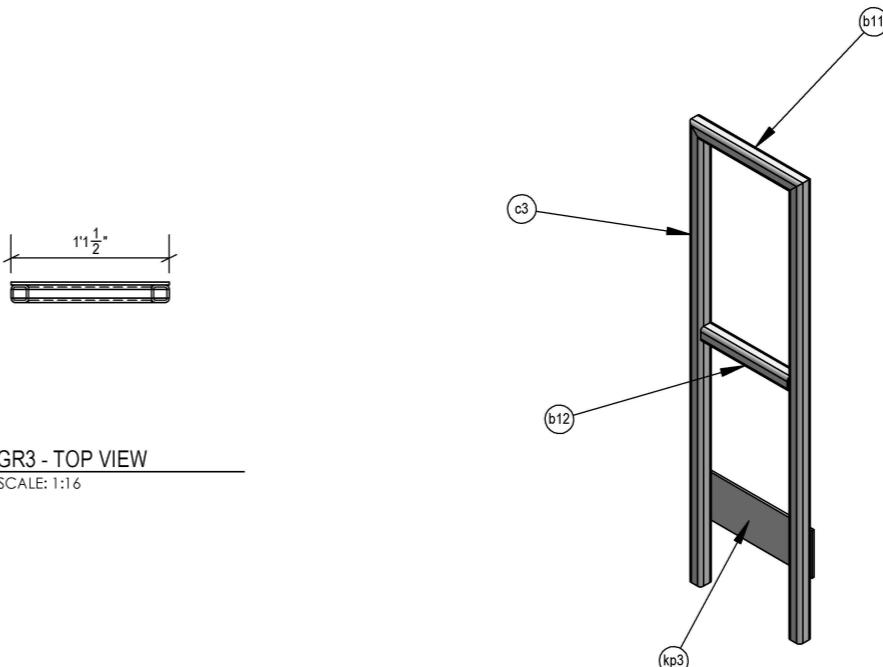
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DESCRIPTION

O TC 2025-12-17

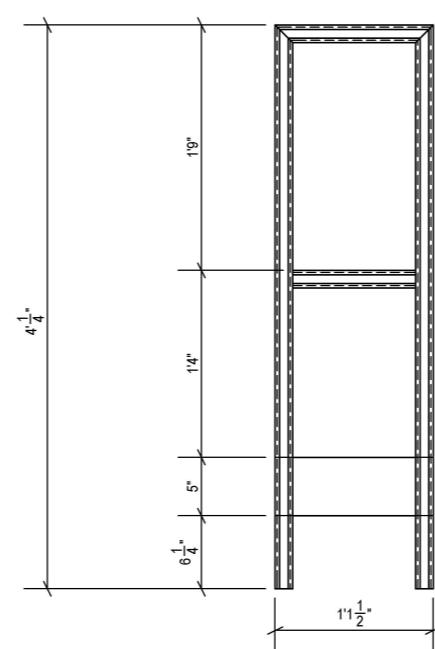
REV BY DATE

PART NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT (LBS.)
c3	2	HSS2x2x0.1875	4' 1/4"	G40.21 350W	12.04
b11	1	HSS2x2x0.1875	11 1/2"	G40.21 350W	3.04
b12	1	HSS2x2x0.1875	10 1/2"	G40.21 350W	2.66
kp3	1	PLATE, 1/4" x 5" x 1'1 1/2"		G40.21 300W	4.79

NOTE: QUANTITIES SHOWN ARE FOR CONSTRUCTION OF 1 GUARD RAIL SECTION. 3 REQUIRED

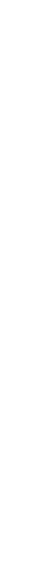


2
S7 GR3 - TOP VIEW
SCALE: 1:16



3
S7 GR3 - FRONT VIEW
SCALE: 1:16

1
S7 GR3 - ISOMETRIC VIEW
SCALE: 1:16



4
S7 GR3 - SIDE VIEW
SCALE: 1:16

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DRAWING TITLE:
GR3 (1'-0") - Views & Cut List

PROJECT:
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150 SOUTHGATE DR, GUELPH
ONTARIO, N1G4P5

DRAWN BY: TC DATE: 2025-12-16
SCALE: As Noted SHEET NO:
PROJECT NO: 25-12-033 S7