

**X3 INCLINED PLATFORM LIFT:**

**Code Reference:** ASME A18.1–2020 "Safety Standard for Platforms Lifts and Stairway Chairlifts"  
(For use in private residences by the mobility impaired.)

**Emergency Devices:** Emergency stop switch on a control panel, under platform sensing, ramp sensing and grab rail.

**Safeties:** Overspeed governor on upper carriage drive, containing mechanical overspeed sensor and lock, with electrical drive cut–out protection.

**Drive:** Power Transmission: Worm gear reduction to a pinion moving on a fixedgear rack.

**Motor:** 374W (0.5 HP) – 24VDC.

**Power Supply:** 120 VAC / 1 PHASE – 50/60 Hz. Charges 2 x 12VDC, 7.2 Ah batteries behind conveyance.

**Travel Speed:** 4 m/min [13 ft/min] traveling up; 5 m/min [16 ft/min] traveling down.

**Location:** Indoor Lift – Residential

**Attachment:** Tower Mount Unit – Freestanding

**Platform:** Automatic 800mm x 1220mm [31 1/2" x 48"] (Keyless)  
The 16 ga. galvanized platform deck is finished with an electrostatically applied Non–Slip Black Sandex powder coat. The platform is equipped with a grab rail, hour counter and retractable passenger restraining arms.

**Capacity:** Maximum 250 kg [550 lb] operating load.



**Color:** Upper and lower rails and loading ramps are made of aluminum extrusions.  
The aluminim and steel components of the lift are finished with an electrostatically applied and baked powder 'Silver Moon' finish.

**Ramps:** Lower Ramp – Standard 200mm [7 7/8"]  
Upper Ramp – Standard 200mm [7 7/8"]  
Sideload Ramp – Required 200mm [7 7/8"]

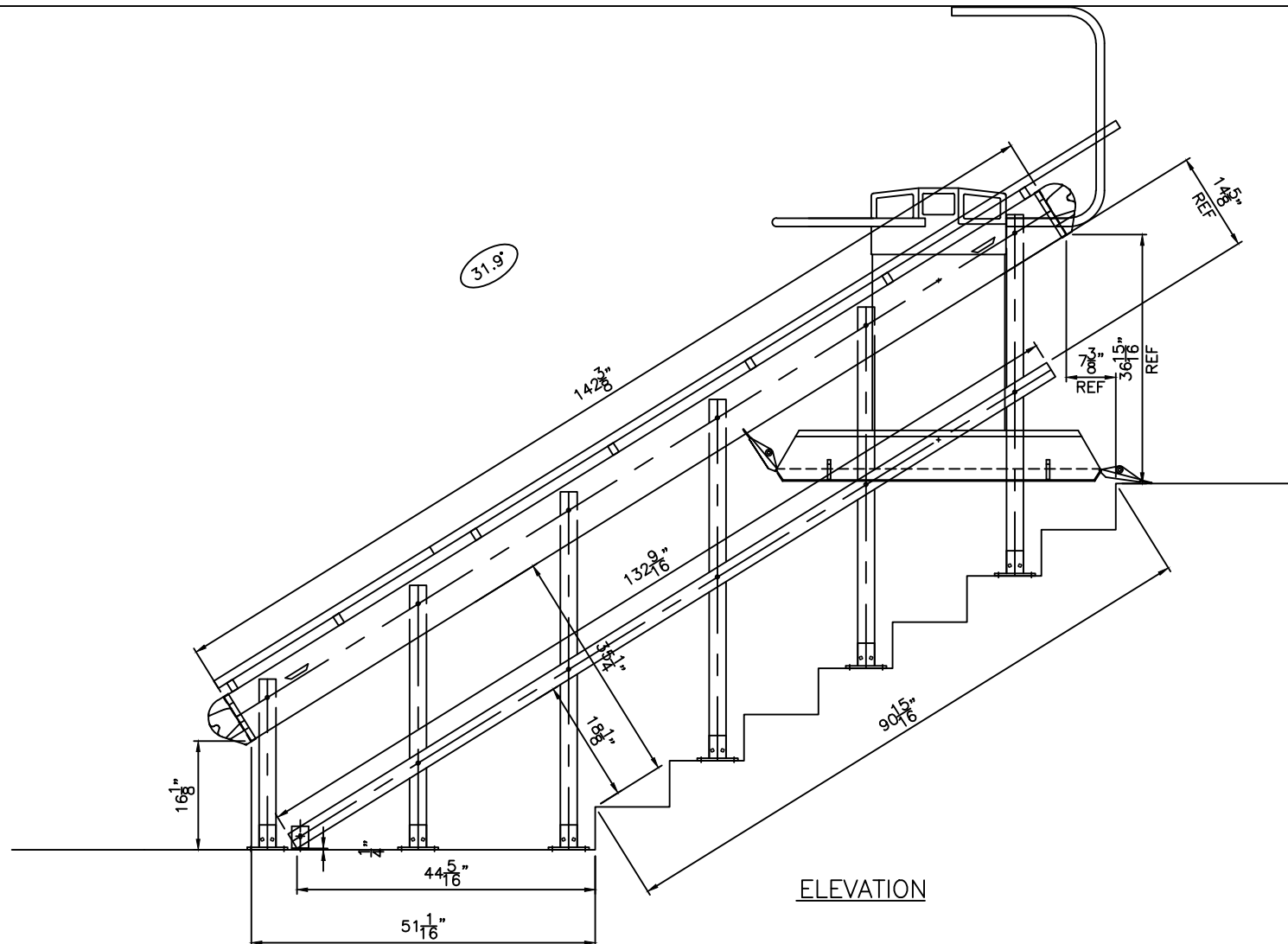
**Call Stations:** Lower Landing – Wireless Surface Mount c/w flush adapter (Keyed)  
Upper Landing – Wireless Surface Mount c/w flush adapter (Keyed)

**Custom Work:** None.

**Optional Items:** Handrail, Fold Down Seat Kit, In–Hanger Alarm with Battery Back–up, Attendant Remote Control Kit, Towers (Mild Steel).

A	INITIAL RELEASE		UNITS: INCHES	01/31/23	AU	
REV.	SCALE: NTS	TOLERANCES: DIMENSIONAL $\pm 1/16"$ ANGULAR $\pm 0.5^\circ$	PROJECTION: 	DATE	DRN.BY	CHK.BY
			<b>X3 – iGOLDD DRAWING</b> FEMA SUPPORT BRANCH 124 E MAIN ST PRATTVILLE AL 30600			PAGE 1 OF 4 GUSA ALABAMA



81993-IG-A

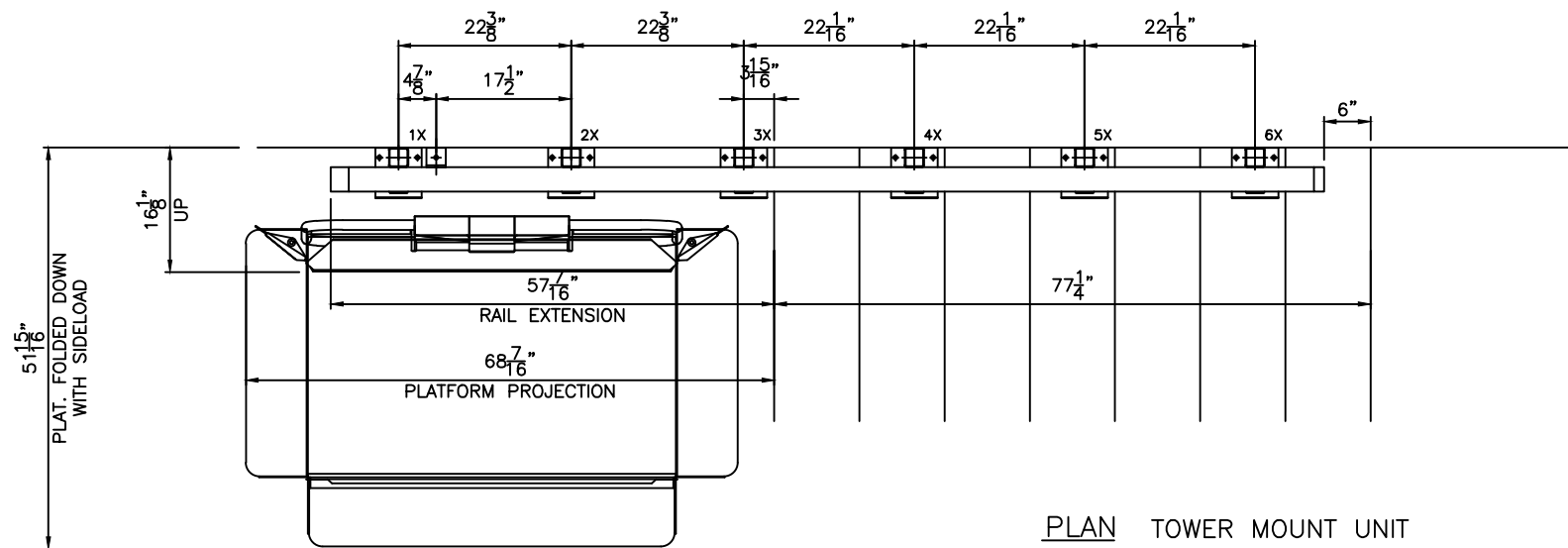


ELEVATION

STAIR INFORMATION:



HORIZONTAL: 77 1/4"  
 VERTICAL: 48"  
 SLOPE: 91"  
 FIRST RISER: 6 3/8"  
 UNIT SIDE: LEFT  
 # OF RISERS: 8  
 STAIR ANGLE: 31.9°

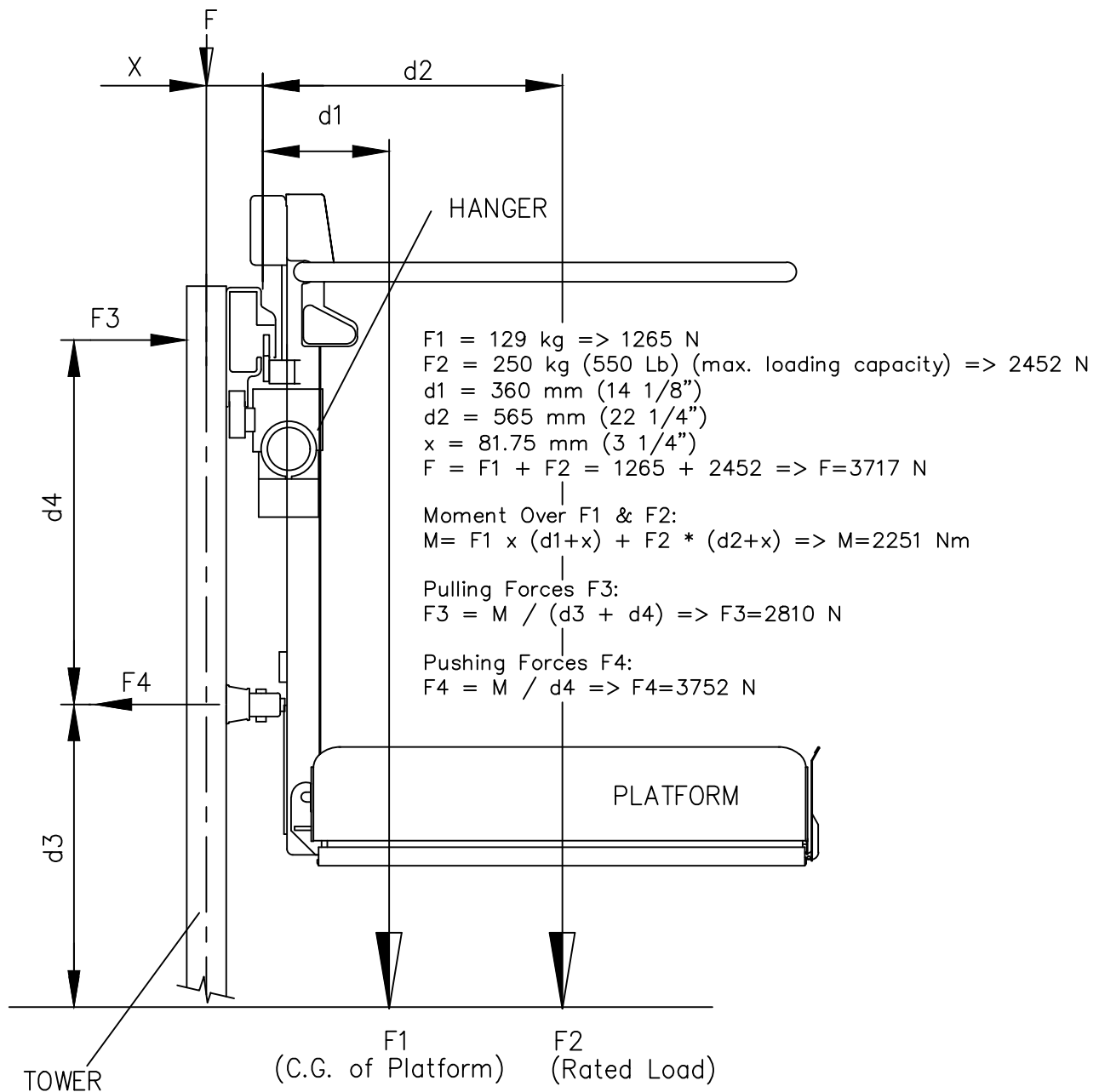
A	INITIAL RELEASE			UNITS: INCHES	01/31/23	AU		
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PLAN TOWER MOUNT UNIT



**⚡ DEDICATED CIRCUIT SUPPLIED BY OTHERS:**  
 120 VAC / 1 PHASE – 50/60 Hz.  
 Conduit and devices to suit local codes and  
 a recommended 1 amp. dedicated circuit.

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### X3 LOADING DIAGRAM N.T.S.

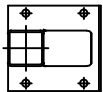
(Loads are based on a 800 x 1220 [31 1/2" x 48"] platform)

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Tower 'X' Information [mm]				
#	Location	Length	Spacing	To R1
1	Floor	644	0	1236
2	Floor	997	568	668
3	Floor	1350	568	100
4	Tread	1362	561	-461
5	Tread	1362	561	-1021
6	Tread	1362	561	-1582
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Upper Rail Section Holes [mm]			
#	Sect. 1	Sect. 2	Sect. 3
1	138	0	0
2	807	0	0
3	1476	0	0
4	2136	0	0
5	2796	0	0
6	3456	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Lower Rail Section Holes [mm]			
#	Sect. 1	Sect. 2	Sect. 3
0	0	0	0
1	558	0	0
2	1226	0	0
3	1886	0	0
4	2546	0	0
5	3206	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	35	Lwr. Rail Brkt. Hole	

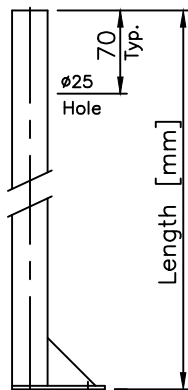


#### HANDRAIL BRKT

Bracket	Spacing
Upper	305
Typical	609
Lower	50

#### HANDRAIL

Section
3045
958
-
4003





X-TOWER

Extra Items / Options		
Description	Qty.	Material
Color	-	STANDARD
Custom Form	-	N/A
Ext. Lwr. Ramp	-	N/A
Ext. Upp. Ramp	-	N/A
Sideload Ramp	1	N/A
Shims	-	N/A
Spacers	-	N/A
Spacers	-	N/A
Stringer 'M' Plate	-	N/A
Tower	6	MS
Tower Clamp	-	N/A

#### X3 COMPONENT LENGTHS:

Upper Rail (overall) = 3617  
 Section 1 (lwr) = 3617  
 Section 2 (mid) = 0  
 Section 3 (upp) = 0  
 Lower Rail (overall) = 3367  
 Section 1 (lwr) = 3367  
 Section 2 (mid) = 0  
 Section 3 (upp) = 0  
 Slot Cover (overall) = 3617

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