

PROVISIONS BY OTHERS

- GENERAL**

CONSTRUCTION SITE: OWNER/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DRYWALL WORK AS REQUIRED. FLOORS SHALL BE IN FINISHED STATE PRIOR TO INSTALLATION OF UNIT.

DIMENSIONS: CONTRACTOR/CUSTOMER TO VERIFY ALL CLEARANCE DIMENSIONS PRIOR TO UNIT DELIVERY.

- STRUCTURAL**

FLOOR LOADS: STRUCTURAL ENGINEER TO ASSURE THAT BUILDING WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO TABLES ON THIS DRAWING FOR PIT/FLOOR LOADS IMPOSED BY THE EQUIPMENT.

NOTE: PER ASME A17.1-2007

THE CLEARANCE BETWEEN THE HOISTWAY DOORS OR GATES AND THE HOISTWAY EDGE OF THE LANDING SILL SHALL NOT EXCEED 3 in. THE DISTANCE BETWEEN THE HOISTWAY FACE OF THE LANDING DOOR OR GATE AND THE CAR DOOR OR GATE SHALL NOT EXCEED 5 in.

- ELECTRICAL**

POWER SUPPLY: (SEE SPECIFICATIONS BELOW) LOCKABLE FUSED DISCONNECTS INSTALLED IN COMPLIANCE WITH ELECTRICAL CODE TO BE PROVIDED PRIOR TO INSTALLATION. ROUGHED IN POWER TO LIFT UNIT MUST BE PROVIDED TO HEAD ASSEMBLY LOCATION PRIOR TO INSTALLATION.

PERMANENT POWER: BEFORE INSTALLATION CAN BEGIN, PERMANENT POWER MUST BE SUPPLIED.

- ENTRANCES**

HANDRAILS: ALL BALCONY LEVELS REQUIRE HANDRAILS TO BE INSTALLED PER LOCAL CODES AFTER INSTALLATION IS COMPLETED. HANDRAIL AND INSTALLATION TO BE PROVIDED BY CONTRACTOR/CUSTOMER. VISILIFT, LLC AND/OR LOCAL INSTALLER ARE NOT RESPONSIBLE FOR HANDRAIL INSTALLATION OR MATERIALS.

POWER SUPPLY SPECIFICATIONS	DISCONNECT SIZE	TIME DELAY FUSE SIZE	VOLTS	PHASE
MOTOR AND EQUIP.	30 AMPS	30 AMPS	230 VOLT	SINGLE
CAB LIGHTS	15 AMPS	15 AMPS	115 VOLT	SINGLE

SPECIFICATIONS

GENERAL

CLASSIFICATION: Residential - Single Family
APPLIED CODE: ASME A17.1-2007 SECTION 5.3
 NEC 2008
WALLS: Full Clear Acrylic - Complies with ANSI z97.1
NUMBER OF FLOORS: 2-5
MODEL: Visi-58 / Vision 830
CAPACITY: 839 lbs. [381 kg]
NOMINAL SPEED: 32 fpm. [0.1626 m/s]
CAB FLOOR AREA: 13.41 Square Feet [1.25 sq. meters]
CAB INT. HEIGHT: 84 Inches [2 133 mm]
CAB WEIGHT: 700 lbs. [318 kg]
TOTAL TRAVEL: 515.5 Inches Max. [13,094 mm]
PIT DEPTH (OPTION): 4 -12 Inches [102 - 305 mm]
POWER SUPPLY: 50/60 Hz Single Phase 230V
SAFETIES: 2 Type A Instantaneous Safeties in compliance with ASME A17.1 Sections 2.17.8.1 & 2.17.5.1
 Mfg: Visilift P/N: VL581001-01

SUSPENSION:

TYPE: Galvanized Aircraft Cable 2 X 3/8" dia.
CONSTRUCTION: IWRC 7 X 19 RHRL
NOMINAL STRENGTH: 14,400 lbs. [6 531 mm]
WT. OF ROPES: 0.243 lbs/ft [3.616 g/cm]
TRAVEL CABLE WT.: 0.228 lbs/ft [3.393 g/cm]

DRIVETRAIN:

TYPE: Winding Drum
MOTOR: 1.5 HP with Integrated Brake
TRANSMISSION: Ultra-Low Vibration 3-Stage Right Angle Helical-Bevel Drive
MOTOR CONTROL: Pre-Programmed Variable Freq. Drive
DOOR INTERLOCKS: Honeywell RDI-G-L5B certified in compliance with ASME A17.1 Section 2.12.4.3

PIT/FLOOR LOAD: (ft of Hoistway * 38) + (# of Floors * 60) + 2193 Dead Load (lbs); 3703 lbs Impact Load
 (m of Hoistway * 57) + (# of Floors * 27.22) + 995 Dead Load (kg); 1680 kg Impact Load

SCOPE OF WORK

Installation of a Visilift Visi-58/Vision 830 Elevator by a JOURNEY-LEVEL licensed conveyance mechanic, and meets or exceeds the applicable regulations of all governing agencies and is in conformance with the applicable sections of the most current edition of the following codes and standards:

ASME A17.1 Section 5.3 - 2007 - Safety Code for Elevators and Escalators; Private Residence Elevators

NFPA 70-2008 The National Electric Code

CSA B44.1/ASME A17.5 Elevator and Escalator Electrical Equipment

Local Codes and Regulations, as applicalbe.

After installation the unit will be inspected by an inspector as required by local laws.

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Visilift, LLC	
DIMENSIONS ARE IN INCHES		DRAWN		TITLE: Visi 58 / Vision 830 Specifications	
TOLERANCES:		CHECKED			
FRACTIONAL ±		ENG APPR.			
ANGULAR: MACH ± BEND ±		MFG APPR.			
TWO PLACE DECIMAL ±		Q.A.		SIZE DWG. NO. REV B v. 20111020.1	
THREE PLACE DECIMAL ±		COMMENTS:			
INTERPRET GEOMETRIC TOLERANCING PER:		Printed: 5/13/2010		SCALE: 1:10 WEIGHT: SHEET 1 OF 7	
MATERIAL		Last Saved: 10/21/2011			
FINISH					
APPLICATION	DO NOT SCALE DRAWING				