

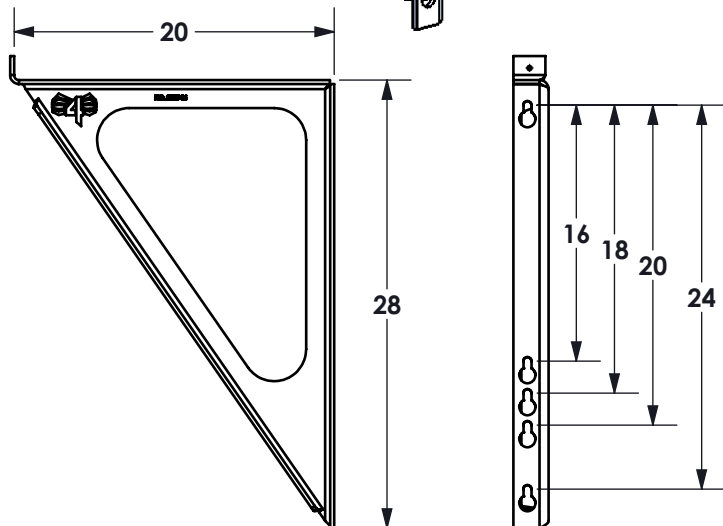
PIPE  
2" X 2"

PIPE  
2" X 4"

092-CMU020A

092-CMU220A

092-CMU420A



## STRUCTURE NOTES:

### GENERAL:

THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ELEVATIONS, AND REPORT ALL FAULTS TO THE ENGINEER BEFORE WORK BEGINS. HE/SHE MUST NOTIFY THE ENGINEER OF ANY DIFFERENCES, OMISSIONS, AMBIGUITIES AND ALL SITUATIONS THAT MAY AFFECT DESIGN AND COMPLIANCE OF THE STRUCTURE

### STRUCTURE

THE WORK IS TO BE PERFORMED FOLLOWING THE CODE OF CONSTRUCTION, SAFETY CANADA AND ALL OTHER REGULATIONS ESTABLISHED BY THE LOCAL AUTHORITIES. IN EVENT OF A CONFLICT OR DISCREPANCY, THE MOST RIGOROUS REGULATIONS APPLY. SAVE AND PROTECT ALL STRUCTURES, EXISTING UTILITIES AND OTHER SERVITUDES THAT MAY BE AFFECTED. THE STRUCTURAL INTEGRITY OF THE SUPPORTS, RELATED STRUCTURES AND RELATED EQUIPMENT TO WHICH THE STRUCTURE IS ATTACHED MUST BE CONFIRMED BY A COMPETENT AUTHORITY BEFORE INSTALLATION.

### CONSTRUCTION MATERIALS:

ALL WORK MUST COMPLY WITH THE NATIONAL BUILDING CODE AND LATEST REVISIONS. STEEL AND STRUCTURE WORK MUST BE CONFORM TO CAN / CSA Z256 and S157. BASE MATERIALS MUST MEET FOLLOWING REQUIREMENTS: 5052H-32 AND UNDER THE APPROVED WPDS.

### MANUFACTURING:

MANUFACTURING AND WELDING MUST CONFORM TO CSA W59.2 AND FABRICATED BY A COMPANY MEETING CSA W47.2. WELDING PROCEDURES MUST BE APPROVED BY A WELDING ENGINEER, RETAINED AND ACCEPTED BY THE ENTERPRISE FOR EACH POST AND WELDING PROCEDURE UTILISED. WELDERS MUST BE CERTIFIED BY THE ENTERPRISE TO CSA W47.2 ACCORDING TO THE POSITIONS AND WELDING PROCESS USED. THE MINIMUM WELD ANGLE WILL BE 3/16 "(5mm) OR OTHERWISE INDICATED ON THE DRAWING AND ALL SPLICES WILL BE WITH COMPLETE PENETRATION OR OTHERWISE INDICATED.

## REVISIONS

REV.	DESCRIPTION	DATE	APP.
A	CORRECTION	01-06-2015	LL



CAPACITY: 2 MEN OR 500 LBS

INCH DIMENSION

DESCRIPTION MONOPIECE ALUMINUM SCAFFOLDING BRACKET 20 "

PROJECT ACCESSORIES - BRACKET

APP. BY  
LL

PRODUIT #

092-CMU020A

DRAWING NUMBER

TI-AAB-9200UA-EN

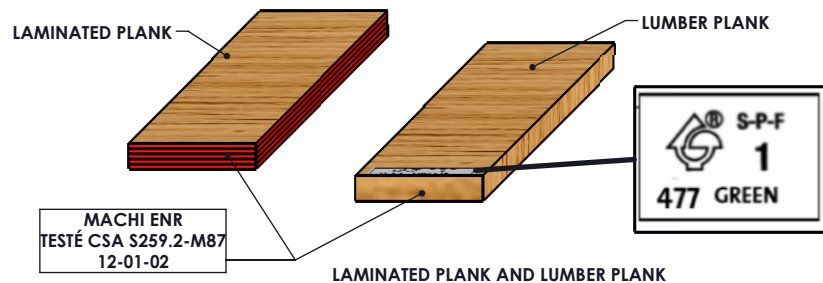
DRW BY  
SD

SCALE 1:8

FORMAT:  
8.5" X 11"

PAGE  
1:2

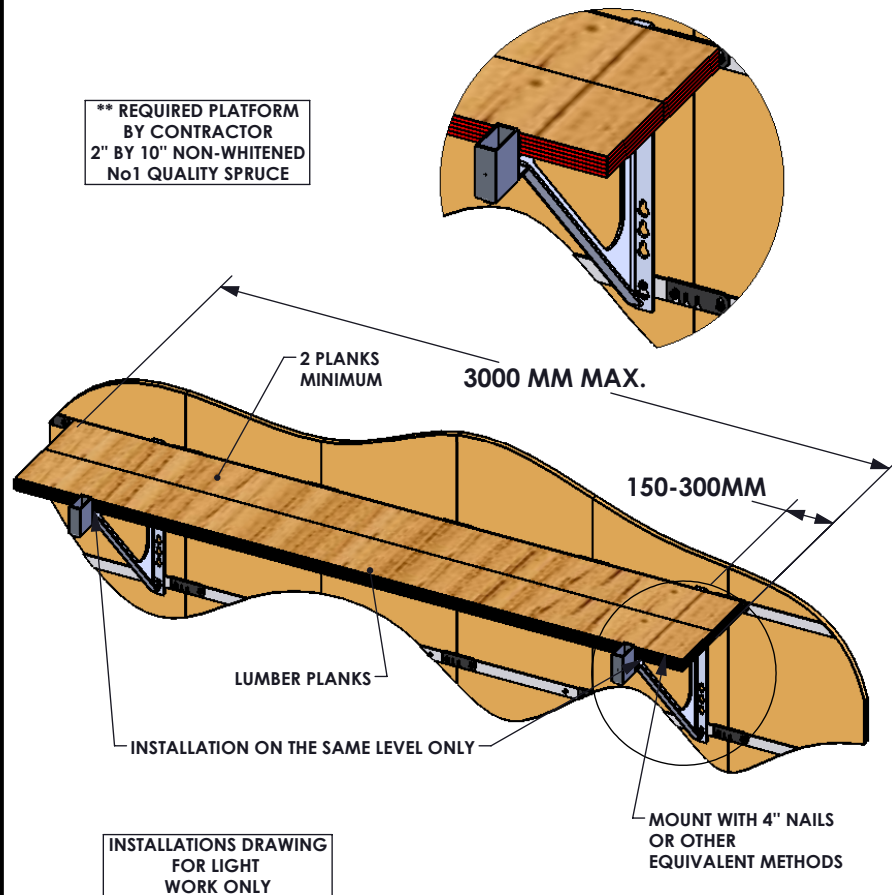
DATE  
26-05-2015



**NOTE:**

AS OF JANUARY 1, 2002:

- 1- THE WOODEN PLANKS MUST BE CLASSIFIED AND STAMPED ACCORDING TO NLGA STANDARDS
- 2- PLANKS EXCEEDING 2.1 METERS BETWEEN SUPPORT POINTS MUST BE TESTED USING CSA STANDARDS



**Mounting and dismounting**

A qualified and experienced person responsible for the assemblage must establish that the foundations, and/or other external support scaffolding, ensure an appropriate support to guarantee the stability and integrity of the structure. Before installation of the scaffolding, check:

- The bearing capacity of the ground or other external supports;
- The location of power lines;
- The slope of the land;
- Where the anchor point will be made.

The scaffolding should be anchored progressively while being assembled according to the instructions of the attached drawing. Dismantling of scaffolding must be done in the reverse order. The floor supports must not be thrown to the ground for risk of deformation or damage. During assembly and disassembly, all security measures must be taken to prevent the fall of persons. Also, when a worker is exposed to a fall of more than 3 meters, he/she must use a means of protection against falls such as a guardrail or a harness. The harness should be provided with an energy absorber and connected to a cable lifeline or a retractor attached to the upper part of the structure. In the case where attachment to the upper structure is impossible, use a system with equivalent safety.

**Guardrails**

Workers must use personal protective equipment against falls connected to sufficiently Resistant anchors when a guardrail is removed around the structure or if there is a risk of falling from a height greater than 3 m.

Guardrails consistent with criteria below must be installed on all open sides and around any uncovered opening in the surface of the scaffold. Guardrail criteria:

- a) A superior rail installed at 1m + -75mm in height above the platform and supported by posts;
  - b) An inferior rail firmly secured to the inner face of the studs at least 100 mm from the surface of the platform; and
  - c) A rail secured to the inner face of the posts located approximately midway between the top rail and the baseboard.
- The railings must withstand a horizontal concentrated load of 900 N (200 lb) and a vertical concentrated load of 450 N (100 lb) applied at any point along their upper rail. These loads are applied simultaneously.

**Inspection - General**

The use and inspection of scaffolds should be conducted under the control and supervision of a qualified person experienced in this area. The inspection must include the following:

- When the scaffold is over 18 m, submit this document as well as the installation plans of the contractor in charge to CSST and a copy available on the workplace;
- The Components and accessories are in good condition: no deformations, rust, or damage;
- The planks that make up the floor are in good condition, identify defects that could require their replacement;
- The scaffolding must be examined by an experienced person:
- Every three months;
- After any abnormal stress and/or as a result of any failure of equipment;
- Before returning to service after a prolonged interruption of work.

**Inspection - Fall of materials or objects**

Check:

- If Protection is provided below the work area during installation and use of the scaffolding;
- No Load is transported above those working on the scaffolding;
- That no one is simultaneously working at different levels, unless protection has been provided between the levels.

**Inspection - Accessibility**

Check:

- The means of accessing the platform is safe;
- The means of access which can be used:
  - a) Building;
  - b) Ladder with platforms every 6 m;
  - c) Ladder to scaffold platform;
- exceeds the upper floor of at least 900 mm;
- includes rungs spaced of 305 mm;
- has a clearance of 150 mm behind every level.
- d) Metal staircase (This means of access is required when the scaffold is over 18 m and it is not accessible by the building)



CAPACITY: 2 MEN OR 500 LBS	DESCRIPTION MONOPIECE ALUMINUM SCAFFOLDING BRACKET 20 "			PRODUIT #	SD	SCALE 1:16	PAGE 2:2
	PROJECT ACCESSORIES - BRACKET			092-CMU020A			
DIMENSION INCH	APP. BY LL			DRAWING NUMBER	TI-AAB-9400A-EN	FORMAT: 8.5" X 11"	DATE 26-05-2015