LEAN SAFETY BEST KNOWN METHODS

Abstract

The Safe Build Alliance is working to gather Best Known Methods in Lean that benefit the construction project. The benefit could enhance safety, efficiency, or quality. Please consider those activities that are conducted by multiple trades, ergonomic innovations, housekeeping best practices or anything that eliminates waste. We are looking for lean tools and actual activities that can be shared throughout the Safe Build Alliance Construction Community.

Remember, ***Waste*** is:
Defects – anything that created re-work
Overproduction – building more than is ready to be installed resulting in storage and/or housekeeping issues
Waiting – wasted time waiting for the next trade, waiting for late deliveries, etc.
Non-Utilized Talent – Underutilizing peoples' skills; light duty work due to an injury
Transportation – moving anything more than once before it becomes work in place
Inventory – extra storage of anything, storing concrete formwork or similar materials after completion
Motion – unnecessary movement of people, taking too many steps to distribute something that can be distributed via use of material handling equipment, etc.
Extra-processing – Higher quality than required

Please submit your Lean BKM's to

aclements@andersen-const.com
dtoy@andersen-const.com

BKM: Drawings Organization & Layout

How does it work?

The details in the drawings are laid out in an order that makes it very easy to find detail you are looking for when you go to the page. Also, the wall callouts are detailed in a manner that it is very user friendly to remember.

How does this benefit the project?

Makes working in the construction documents very streamlined and you're not wasting time searching for details.

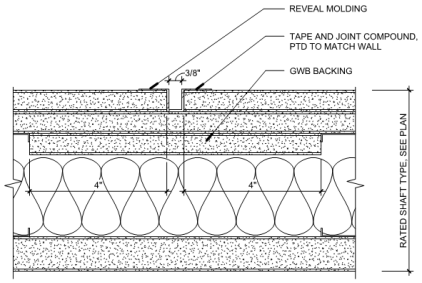
Why is this a Lean Method?

Reduces time learning & searching the drawings.

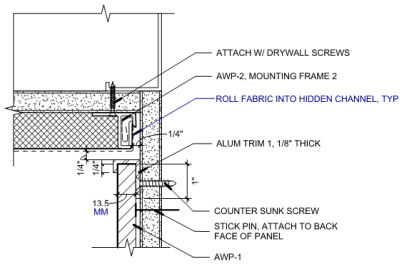
Please attach or include photos of the before & after

See next page for snap shots.

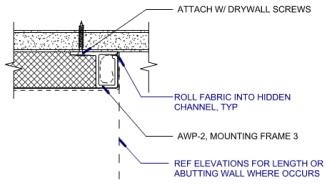
F



F1 A577.3 PLAN - REVEAL JOINT AT RATED SHAFT 6" = 1'-0"

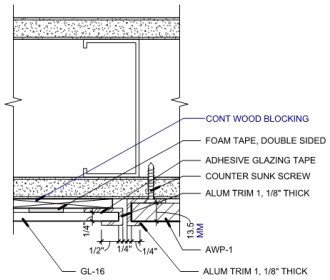


F2 A577.3 PLAN - AWP-1 TO AWP-2 INSIDE CORNER 6" = 1'-0"

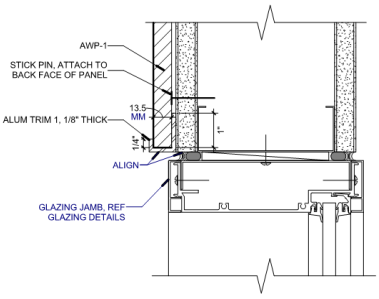


F3 A577.3 PLAN - AWP-2 VERTICAL EDGE CONCEALED 6" = 1'-0"

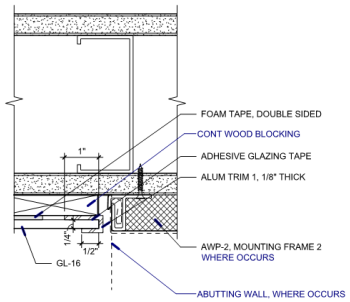
E



E1 A577.3 PLAN - AWP-1 @ GL-16 6" = 1'-0"



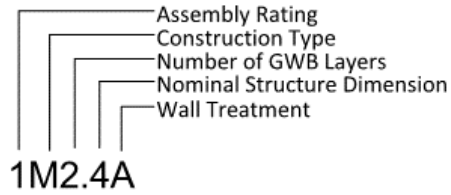
E2 A577.3 PLAN - AWP-1 @ GLAZING JAMB 6" = 1'-0"



E3 A577.3 PLAN - AWP-2 @ GL-16 6" = 1'-0"

D

INTERIOR PARTITION TYPE TAG LEGEND



Assembly Rating

1=	1 Hour
2=	2 Hour
3=	3 Hour
4=	4 Hour

Construction Type Designations

C=	CMU
F=	Metal Furring
M=	Metal Studs
S=	Shaft Wall (C-H Studs)

Nominal Sturcture Dimensions

0=	7/8" Hat Channel
1=	1 5/8" Metal Stud
2=	2 1/2" Metal Stud
4=	4" Metal Stud
6=	6" Metal Stud/ 5 5/8" CMU
8=	8" Metal Stud/ 7 5/8" CMU
10=	9 5/8" CMU
12=	11 5/8" CMU

Wall Type Designations

A=	Acoustical
B=	Bio-Containment
T=	Thermal
S=	Smoke Partition
G=	Solid Grouted
P=	PL over MDF
V=	Vapor Barrier
H=	Horizontal (Rated) Assembly