

Sym-Ply[®] Safety Applications

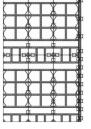
BUILKHEAD SYM-HOOK

6,000 Lb WORKING LOAD @ 2:1 SAFETY FACTOR

OUTER CORNER CLAMPING REQUIREMENTS

Caution: Additional clamps are required at corners!

Concrete pressure forces at corners require the installation of additional clamps at and near the formed corners.
Please refer to the Sym-Ply Application Guide for stack configurations and clamp placement.



SYM-PLY LIFT BRACKETS DETAILS





LIFT BRACKET AT

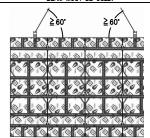
LIFT BRACKET AT TIE BOX

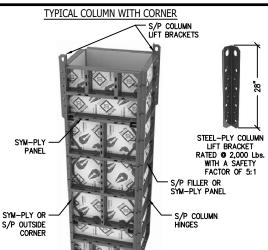
SYM-PLY LIFT BRACKET SAFE WORKING LOAD = 2,000 lbs.

© 5:1 SAFETY FACTOR (MINIMUM 60° LIFT FROM HORIZONTAL)

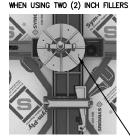
LIFTING AND BRACKET PLACEMENT OF GANG FORM

THE ANGLE FOR THE ATTACHED LIFTING LINES MUST BE GREATER THAN OR EQUAL TO 60 DEGREES FROM HORIZONTAL. WHEN MORE THAN TWO BRACKETS ARE INSTALLED, A SPREADER BEAM MUST BE USED.



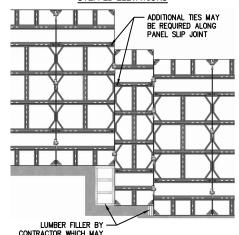


FRAME TIE PLATE USED AT DOUBLE 2 INCH FILLER FRAME TIE PLATE MUST BE USED AS SHOWN



7" X 7" FRAME TIE PLATE INSURES ALL PANELS AND FILLERS ARE ADEQUATELY

ATTACHING WALERS ON NOTE: — SAFE WORKING LOAD OF THE TOP TIE BRACKET CLIP IS 7,000 lbs. BULKHEADS TOP TIE BRACKET CONFIGURATION -BULKHEAD, BY PASSING TIE ROD TIE BRACKE



STEPPED ELEVATIONS

REQUIRE ADDITIONAL TYING FALL FORWARD BRACKET MAXIMUM SPACING OF FALL FORWARD



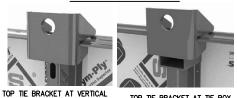
INSTALLATION AND REMOVAL OF FALL FORWARD BRACKETS AND REMOVAL INSTRUCTION

VERTICAL FORM ALIGNMENT (MAXIMUM SPACING 8 FEET) WITH GUARD RAIL POST (IF REQUIRED) ALIGNER BRACKET SYM-PLY WALKWAY ALIGNER BRACKET BRACKET WITH GUARD INSTALLS SIMILAR TO RAII POST THE WALKWAY BRACKET PIPE FORM ALIGNER ADJUSTMENT RANGE 13'-9" TO 19'-9" IN 12" INCREMENTS WHEN TURNBUCKLE IS IN NEUTRAL POSITION PLUS OR MINUS 6" OF ADJUSTMENT IS AVAILABLE ALIGNERS MUST BE ANCHORED. HOLES ARE PROVIDED IN
BASE PLATE FOR ANCHORING SLAB, DEADMAN (SHOWN).

TOP TIE BRACKET DETAILS

PIER CAP BRACE ADJUSTMENT RANCE

4'-11½" to 13'-6" USING COMBINATIONS OF BRACES AND EXTENSIONS



TOP TIE BRACKET AT TIE BOX

TOP TIE BRACKET SAFE WORKING LOAD = 7,000 lbs. @ 2:1 SAFETY FACTOR

TYPICAL TIE PLATE

ORIENTATION AT

PANEL JOINTS







- SAFETY TIE OFF LOCATIONS

SAFETY TIE OFF LOCATIONS

(DO NOT ATTACH TO CRANE)

TIE OFF BRACKET RATED @ 5,000 Lbs (DO NOT ATTACH TO CRANE)

REAR VIEW OF BRACKET

SYM-PLY TURNBUCKLE BRACKET

SECURING WALKWAY BRACKETS MAXIMUM SPACING OF WALKWAY BRACKET IS 8'-0" AT A PERMISSIBLE LOAD OF 500 Lbs.



WALKWAY BRACKET ON VERTICAL PANEL

WALKWAY BRACKET ON

INSTALLATION AND REMOVAL OF WALKWAY BRACKETS

WITH THE BRACKET AT A SLIGHT ANGLE, INSERT THE TOP HOOK INTO AND AGAINST THE TOP OF A SLOT.

WITH THE TOP OF THE BRACKET HELD AGAINST THE VERT./HORIZ, MEMBER, ROTATE THE BOTTOM HOOK INTO THE LOWER SLOT AND SLIDE THE ENTIRE BRACKET DOWN UNTIL THE HOOKS

NOTE: BE SURE SPRING PIN SNAPS INTO SLOT AS THIS PREVENTS AND/OR ACCIDENTAL REMOVAL.

PULL THE SPRING HANDLE BACK AND SLIDE THE BRACKET UP AND PULL THE BRACKET AWAY FROM THE VERTICAL/HORIZONTAL MEMBER.

> THE CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ANY ADDITIONAL COMPONENTS (PLANKING, GUARDRAILS, ETC.) REQUIRED TO CREATE A WORK PLATFORM WHICH MEETS OR EXCEEDS ALL APPLICABLE INDUSTRY STANDARDS.



FALL OVER CAUSING SEVERE

1.) BRACING MUST BE IN PLACE WHILE SETTING FORMWORK AND REMAIN IN PLACE UNTIL FORMS

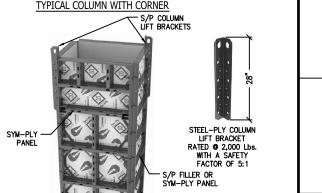
2.) CONTRACTOR IS TO INSURE THAT FORMWORK IS PROPERLY BRACED AND STABILIZED AGAINST WIND AND OTHER EXTERNAL FORCES.

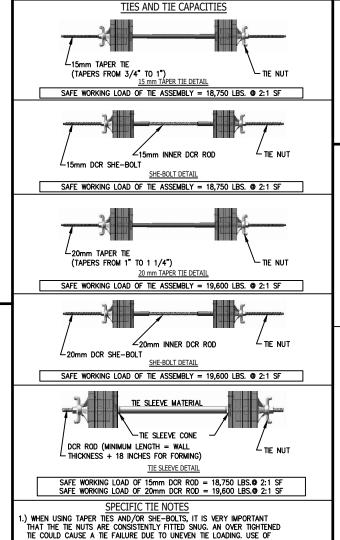
STRIPPING AND REMOVAL OF GANG FORMS

- 1.) ATTACH THE CRANE RIGGING TO THE LIFTING BRACKETS AND SLOWLY TAKE UP THE SLACK
- SECURE BACKSIDE GANG TO PREVENT ITS FALLING, PROIR TO STEP 3.
- 3.) SAFELY REMOVE ALL TIES, BRACES, AND ALIGNERS.
 4.) BREAK THE BOND BETWEEN THE CONCRETE AND
- THE FORMS. DO NOT USE THE CRANE TO BREAK THE BOND. 5.) MOVE THE GANG FORM TO THE NEXT LOCATION.
- 6.) FULLY BRACE AND SECURE THE FORM BEFORE REMOVING CRANE RIGGING.



SYMONS RECOMMENDS GLOVES, HARDHATS, SAFETY SHOES, AND SAFETY CLASSES BE WORN DURING ALL FORMING AND POURING OPERATIONS.

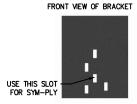




WALL SPREADERS IS RECOMMENDED TO AID IN MAINTAINING FORM SPACING

2.) TAPER TIES AND SHE-BOLTS MUST BE ADEQUATLEY LUBRICATED TO AID





TOP VIEW OF BRACKET