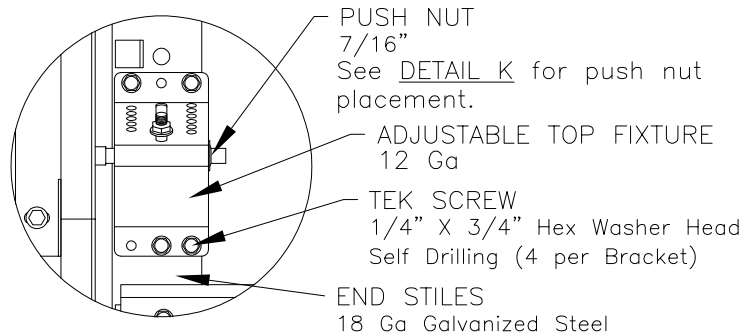
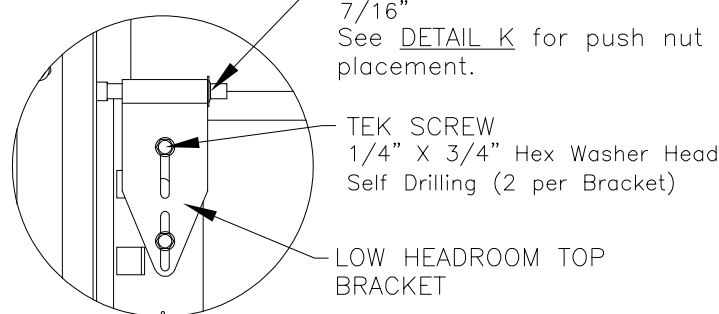


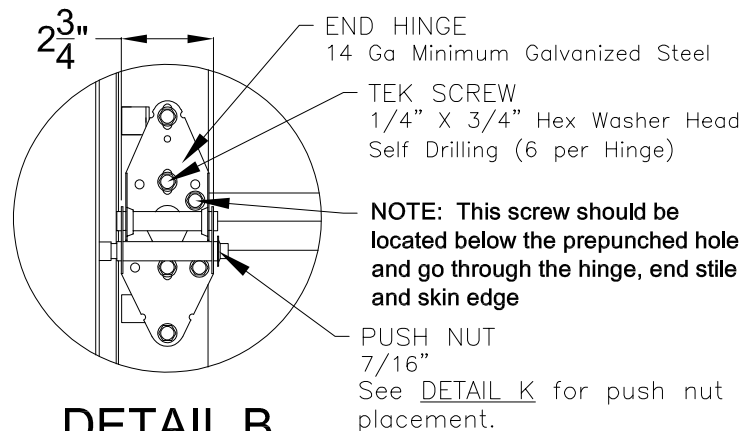




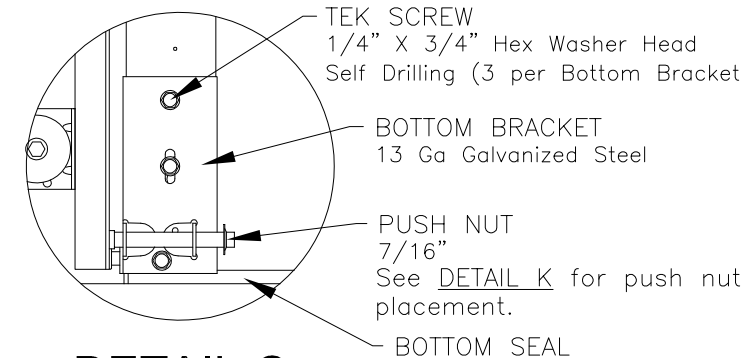
DETAIL A



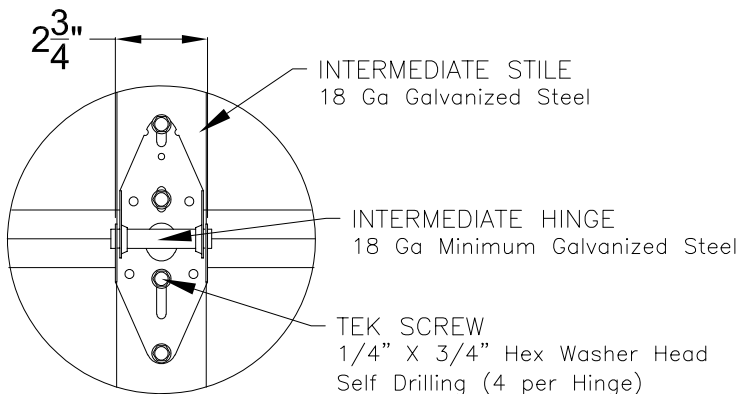
LOW HEADROOM  
TOP BRACKET



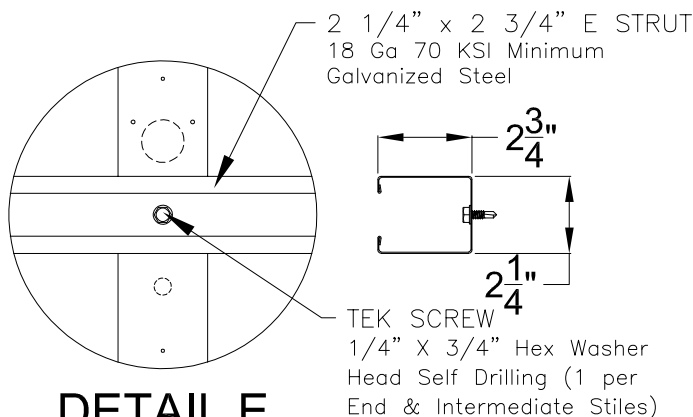
DETAIL B



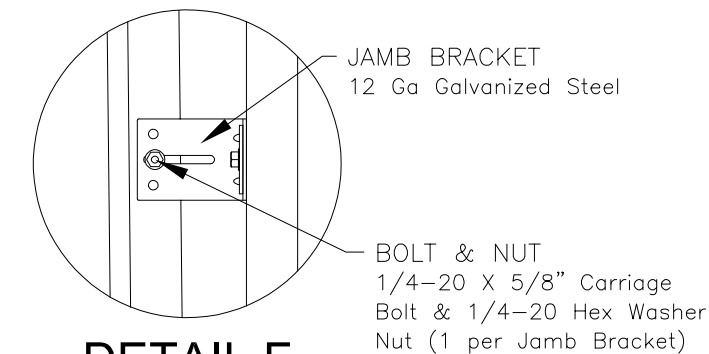
DETAIL C



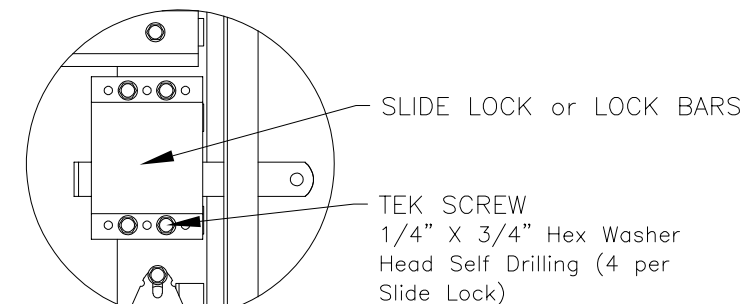
DETAIL D



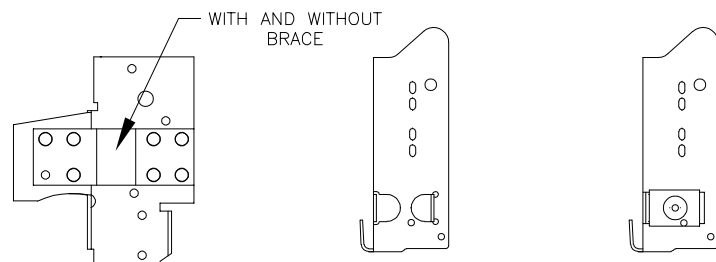
DETAIL E



DETAIL F



DETAIL G



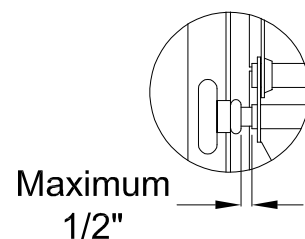
RESIDENTIAL & LIGHT  
COMMERCIAL  
For Low Headroom  
With 2" Track and  
Single End Stiles

COMMERCIAL  
For Standard, High  
& Vertical Lift  
With 2" Track and  
Single End Stiles

COMMERCIAL  
For Standard, High  
& Vertical Lift  
With 3" Track and  
Single End Stiles

## ALTERNATE BOTTOM BRACKETS

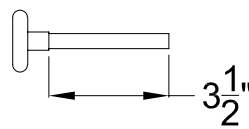
NOTE: The bottom bracket tested (shown in DETAIL C) is the lightest bracket available.



Maximum  
1/2"

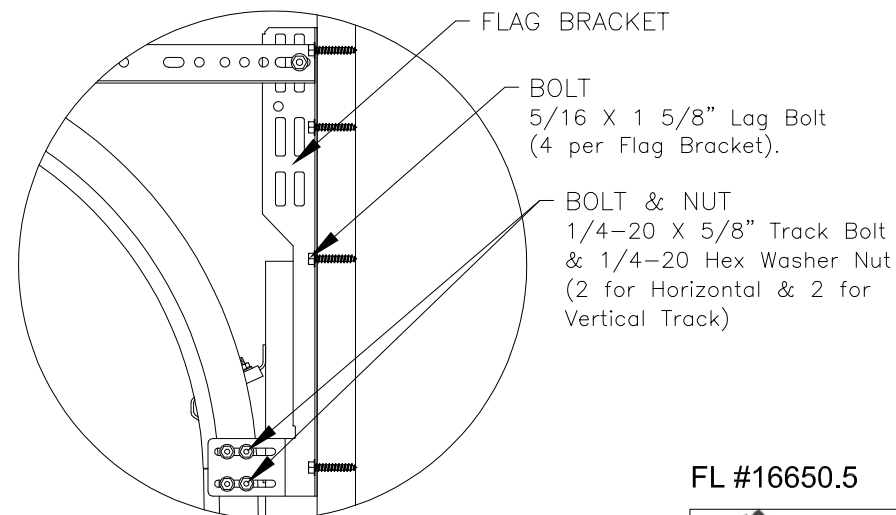
## DETAIL K

There should be a space of maximum 1/2" between the roller hub and the outside edge of the roller holder which is set by the push nut.



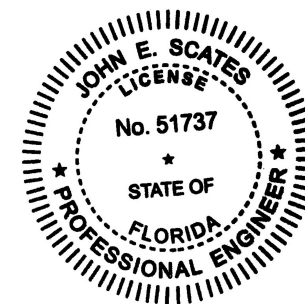
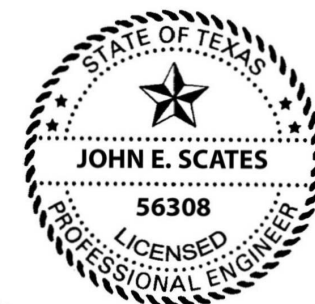
## ROLLER

2" Diameter Nominal  
Eleven Ball Nylon or  
Ten Ball Steel with  
a Minimum Workable  
Shaft Length Shown.



DETAIL H

NOTE: Details on some views omitted for clarity.  
Double end stiles and end hardware may be provided on wider or heavier doors.



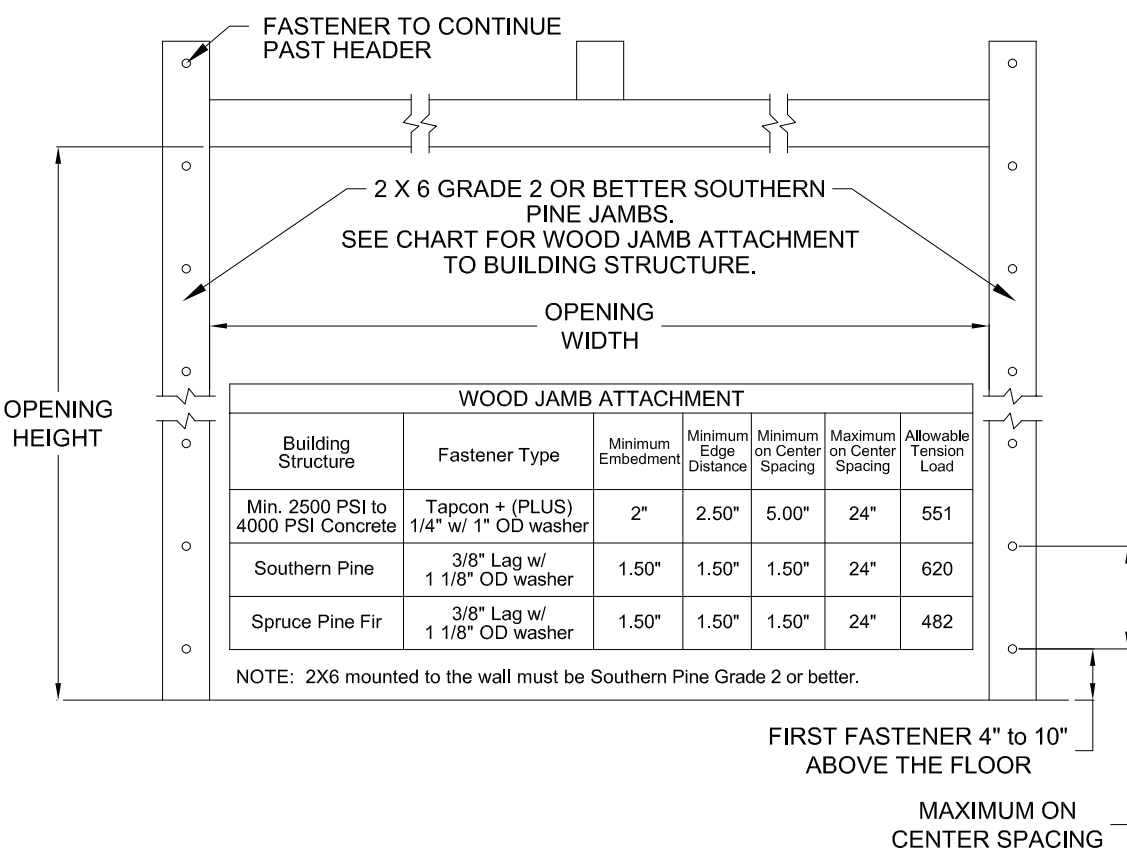
John E. Scates, P.E.  
8811 Teel Pkwy #100-5175  
Frisco, Texas 75036  
Florida P.E. 51737  
Texas P.E. 56308/F-2203

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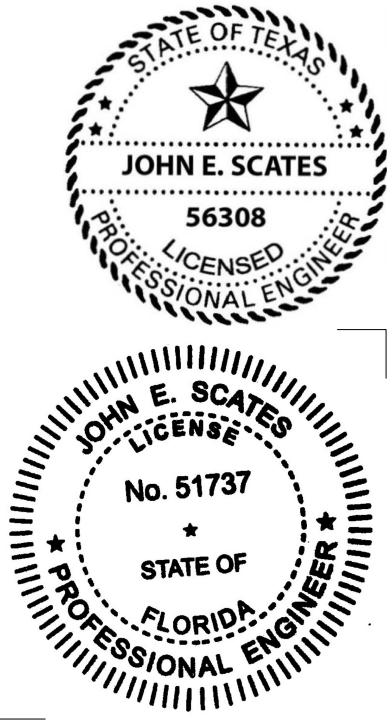


|                                                                                                             |                            |                           |                      |
|-------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|----------------------|
| <b>DESCRIPTION:</b><br>9' 2" PAN 2000 SERIES WIND LOAD<br>SECTIONAL DOOR<br>DESIGN PRESSURE +35.0/-39.0 PSF |                            |                           |                      |
| <b>DRAWING NO.:</b> WL-2000-0110-35-39                                                                      | <b>REV.</b> L              |                           |                      |
| <b>DRAWN BY:</b> MVS                                                                                        | <b>DATE DRAWN:</b> 4/23/14 | <b>REV. DATE:</b> 10/1/25 |                      |
| <b>MODEL(S):</b> See Sheet 3                                                                                |                            |                           | <b>SHEET: 2 OF 4</b> |



MODEL NUMBERS

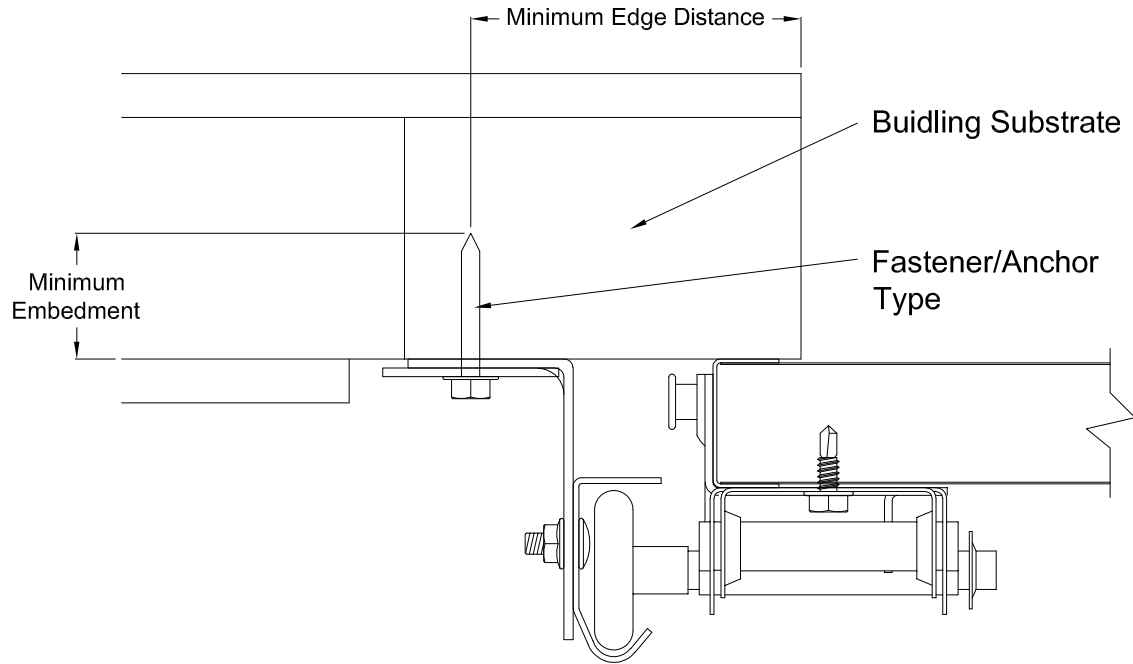
| MODEL NUMBERS AVAILABLE  |
|--------------------------|
| PAN C2011 SERIES         |
| PAN C2015 SERIES         |
| PAN C2411 SERIES         |
| PAN C2415 SERIES         |
| PAN C2511 SERIES         |
| PAN C2410 & R2410 SERIES |
| PAN C2460 & R2460 SERIES |
| PAN C2461 & R2461 SERIES |
| PAN C2471 & R2471 SERIES |
| PAN C2472 & R2472 SERIES |
| PAN C2480 & R2480 SERIES |
| PAN C2481 & R2481 SERIES |
| PAN C2482 & R2482 SERIES |
| PAN R2560 SERIES         |
| PAN R2561 SERIES         |
| PAN R2571 SERIES         |
| PAN R2572 SERIES         |
| PAN R2580 SERIES         |
| PAN R2581 SERIES         |
| PAN R2582 SERIES         |



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|  |                                                                                                          |                            |                           |
|--|----------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|
|  | <b>DESCRIPTION:</b><br>9' 2" PAN 2000 SERIES WIND LOAD SECTIONAL DOOR<br>DESIGN PRESSURE +35.0/-39.0 PSF |                            |                           |
|  | <b>DRAWING NO.:</b> WL-2000-0110-35-39                                                                   |                            | <b>REV.</b> L             |
|  | <b>DRAWN BY:</b> MVS                                                                                     | <b>DATE DRAWN:</b> 4/23/14 | <b>REV. DATE:</b> 10/1/25 |
|  | <b>MODEL(S):</b> See Sheet 3                                                                             |                            | <b>SHEET: 3 OF 4</b>      |

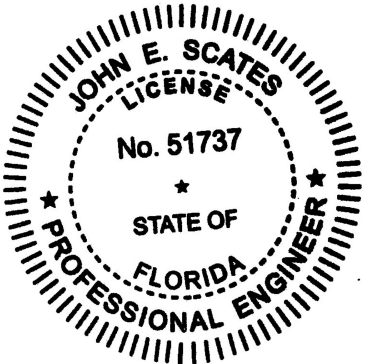
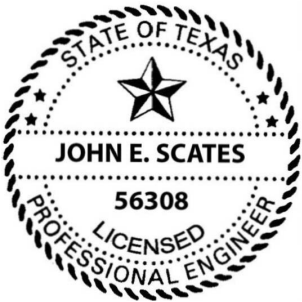


Direct Mounting Detail

Bracket Mount Shown, Reverse and Continuous Angle Mount, Reverse and Continuous Angle Clip Mount Also Approved As Alternate.

| DIRECT MOUNTING        |                                                                                            |                                                   |                         |                       |                           |
|------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------|-----------------------|---------------------------|
| Building Substrate     | Fastener Type                                                                              | Minimum Embedment                                 | Minimum Fastener Length | Minimum Edge Distance | Minimum on Center Spacing |
| Southern Pine (SYP)    | 5/16" Dia. Lag Screw w/1-1/8" OD Flat Washer (shall conform to ANSI/ASME standard B18.2.1) | -                                                 | 1-5/8"                  | 1/2"                  | -                         |
| Spruce-Pine-Fur (SPF)  | 5/16" Dia. Lag Screw w/1-1/8" OD Flat Washer (shall conform to ANSI/ASME standard B18.2.1) | -                                                 | 2-1/4"                  | 1/2"                  | -                         |
| Min. 2500 PSI Concrete | 3/8" Dia. Ankr-Tite CCAT w/1-1/8" OD Flat Washer (by Wej-It Fastening Systems)             | 2-3/8"                                            | -                       | 2-1/2"                | 6"                        |
| Min. 2500 PSI Concrete | 1/4" Dia. Tapcon+ by ITW w/1-1/8" OD Flat Washer                                           | 2"                                                | -                       | 2-1/2"                | 5"                        |
| Min. 2500 PSI Concrete | 1/4" Dia. Wedge-Bolt+ by Powers Fasteners w/1-1/8" OD Flat Washer                          | 1-3/4"                                            | -                       | 2-1/2"                | 5"                        |
| Min. 2500 PSI Concrete | 1/4" Dia. Red Head TruBolt wedge anchor by ITW w/1-1/8" OD Flat Washer                     | 1-3/4"                                            | -                       | 2-1/2"                | 5"                        |
| 1/8" GA Steel Minimum  | 5/16"-12 Tek Self-Drilling Screw w/1-1/8" OD Flat Washer                                   | -                                                 | 1"                      | -                     | -                         |
| 3/16" GA Steel         | Fillet Weld                                                                                | See DASMA Technical Data Sheet TDS-161, section G |                         |                       |                           |

NOTE: Doors are available with jamb brackets or commercial full angle. In either case the the maximum spacing noted on sheet 1 should be maintained for the brackets, clips and fasteners for direct mount.



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|                                                                                                                                   |                                                                                                             |                            |                           |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|
|  <b>Haas<br/>Door.</b><br>A Nofziger Company | <b>DESCRIPTION:</b><br>9' 2" PAN 2000 SERIES WIND LOAD<br>SECTIONAL DOOR<br>DESIGN PRESSURE +35.0/-39.0 PSF |                            |                           |
|                                                                                                                                   | <b>DRAWING NO.:</b> WL-2000-0110-35-39                                                                      |                            | <b>REV.</b> L             |
|                                                                                                                                   | <b>DRAWN BY:</b> MVS                                                                                        | <b>DATE DRAWN:</b> 4/23/14 | <b>REV. DATE:</b> 10/1/25 |
|                                                                                                                                   | <b>MODEL(S):</b> See Sheet 3                                                                                |                            | <b>SHEET: 4 OF 4</b>      |

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Wauseon, Ohio 43567  
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