

19mm THREADED ROD (GRADE B7)  
INSTALL W/HILTI HIT HY 200 EPOXY SYSTEM

50mm

50mm

500mm EMBED.

20mm

50mm

50mm

20mm

1A

T/O CONC. DECK

HOT DIP GALVANIZED

CRAB WINCH TIE-DOWN ANCHOR  
SCALE 1:5

R25 mm (TYP.)

114

19 121 22 76

8153

HSS 152x152x9.5

TYP. SPLICE (IF NEEDED)

60 GRIND

C

22

6.4

12 mm  $\varnothing$  ROD  
115 mm LONG

10/10

TYP

STOPLOG WINCH RAILS  
 ASCE-40 LB/YD  
 SEE SECTION B FOR DETAILS

TO BE FIELD VERIFIED TO MATCH EXISTING

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STOPLOG SLIDERAIL

425

388

Ø GAIN

425

100

400

388

400

GAIN OPENING

Detailed description: This technical drawing shows a cross-section of a stoplog winch rail assembly. The assembly consists of a central horizontal rail (ASCE-40 LB/YD) supported by two vertical stoplog sliderails. The rail is secured with bolts and nuts. The drawing includes several dimension lines: a horizontal dimension of 425 units from the centerline to the edge of the rail; a horizontal dimension of 388 units for the gain opening; a horizontal dimension of 400 units for the total width of the assembly; and a horizontal dimension of 100 units for the distance from the rail to the stoplog sliderail. The text 'TO BE FIELD VERIFIED TO MATCH EXISTING' is repeated twice, indicating that the dimensions and details should be verified against the existing structure. The drawing also shows the rail's connection to the stoplog sliderail and the rail's position relative to the gain opening.

Technical drawing showing a detail of a 102mm diameter hole in a plate. The drawing includes dimensions and labels:

- Overall width: 815.3
- Distance from left edge to hole center: 133
- Distance from top edge to hole center: 102
- Distance from hole center to right edge: 171 MAX
- Radius of the hole: R32 (TYP.)
- Label: STOP LOG
- Overall height: 355
- Distance from bottom edge to hole center: 102
- Distance from left edge to hole center: 38 (TYP.)
- Label: DETAIL

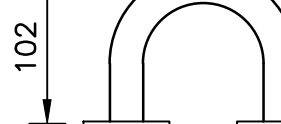


Diagram illustrating the 22# U-Bolt Assembly. The assembly consists of a 22# "U" BOLT GALVANIZED, a GALVANIZED NUT (#22) INSTALL WITH LOCTITE 271 (RED) THREADLOCKER, a WASHER, and a FIXED WASHER. The dimensions shown are 295 (total height), 102 (height from top of nut to top of fixed washer), 51 (height of coarse threads), and 102 (height from bottom of nut to top of fixed washer).

355

102

FIXED WASHER

STOPLOG

22# "U" BOLT  
DTL. 101, DWG. S6

COUNTERSINK

2400

40 LB ASCE RAIL

CLAMP PLATE

PLAN  
LOS QUIN

HOLES TO SUIT M12 ANCHOR RODS

59

25

40

80

40

6mm PL

25

24

HOLES TO SUIT M12 ANCHOR RODS

25

51

160

40

80

40

6mm

51

13.00

40 LB ASCE RAIL

HILTI HIT-Z-R 1/2" x 6 1/2" ANCHOR USING HIT-HY 200 ADHESIVE OR APPROVED EQUAL.

SELF LOCKING NUT

PROVIDE SHIM PLATES AS REQUIRED

SECTION  
RAIL  
SCALE 1:5