

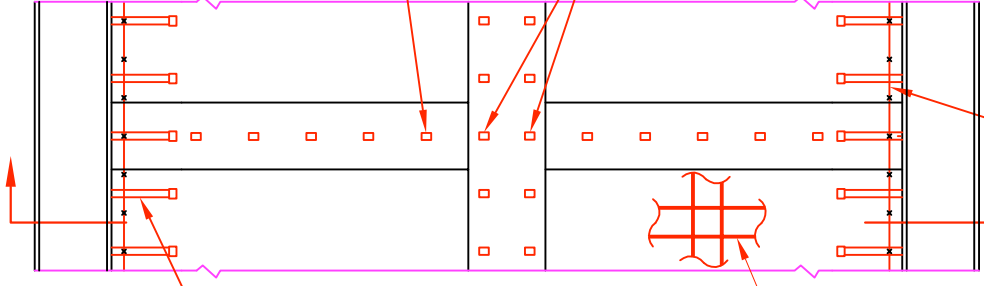
SINGLE ROW SHEAR STUDS  
19mm $\phi$ @150mm, L=150mm

DOUBLE ROW SHEAR STUDS  
19mm $\phi$ @150mm, L=150mm

VERTICAL LAYER  
OF WIRE MESH  
AT EDGE

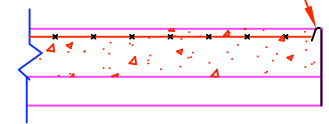
POUR STOP  
AT SLAB EDGE

B  
SK-5



SHEAR STUD  
19mm $\phi$ @150mm, L=150mm

7 $\phi$ x7 $\phi$ x100x100  
WIRE MESH



A  
SK-5

TYPICAL SLAB DETAIL  
SCALE: 1mm = 20mm

H200x200x8x12

COMPOSITE SLAB. CONCRETE TO INCLUDE  
0.5% GLASS FIBER REINFORCING (OR HIGH  
STRENGTH CONCRETE ACCEPTABLE)

NOTES:

- ALL PLATE STEEL TO BE A572 OR EQUIVALENT
- ALL ROLLED SHAPES TO BE A992 OR EQUIVALENT
- BRACE TO BE A500 B/C OR EQUIVALENT.
- ALL WELDS TO SATISFY AISC DEMANDS CRITICAL AWS E71T8 OR EQUIVALENT
- ALL BOLTS TO BE A490 OR EQUIVALENT WITH THREADS EXCLUDED FROM THE SHEAR PLANE

A  
SK-6

SHEAR STUD  
19mm $\phi$ @150mm  
L=150mm

DOUBLE ROW SHEAR STUDS  
19mm $\phi$ @150mm, L=150mm

7 $\phi$ x7 $\phi$ x100x100  
WIRE MESH

VERTICAL LAYER  
OF WIRE MESH @  
SLAB EDGE

100  
200

7  
TYP

W14x26

3/3 SIDES  
TYP.

75mm METAL DECK

19mm $\phi$   
A490

10mm plate  
2 ERECTION  
BOLTS, TYP.

12mm STIFFENER  
PLATE

W24x94

2460

B  
SK-5

TYPICAL SLAB SECTION  
SCALE: 1mm = 20mm

TCBF4 - TOMORROW'S CONCENTRIC BRACED FRAME 4	
NEES/SG NCEE BRACED FRAME TEST	
DRAWN BY: EIL,KAC DESIGNED BY: EIL CHECKED BY: CWR DATE: October 22, 2008 CONTACT: CROEDER@U.WASHINGTON.EDU	DWG: <b>SK-5</b>