

LOADS RESISTED:

- VERTICAL.
- OUT-OF-PLANE LATERAL.

DESIGN CONSIDERATIONS:

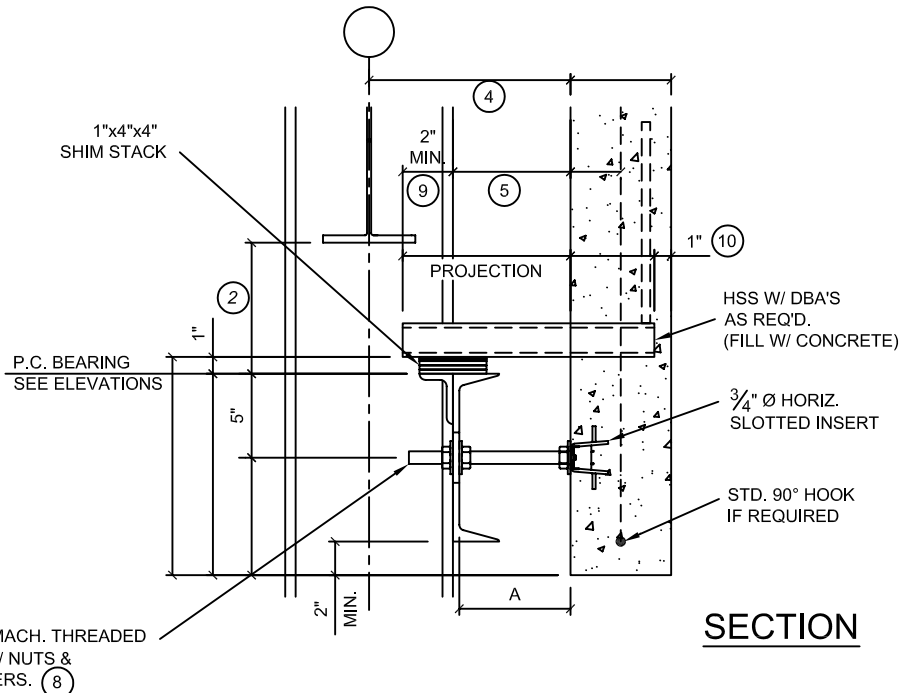
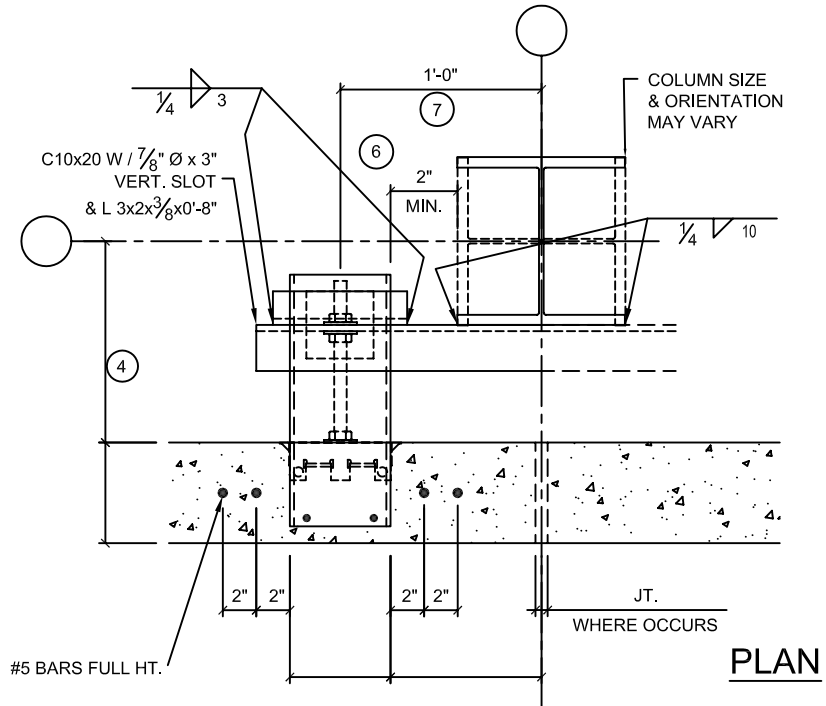
- CONN. TYPICALLY LOCATED BETWEEN SUSPENDED CEILING AND FLOOR ABOVE.
- STUB BEAM MOMENT ARM SHOULD BE LIMITED TO 1'-0".
- PANEL REINFORCING MUST BE DESIGNED TO RESIST INDUCED BENDING MOMENT AND SHOULD EXTEND FULL HEIGHT OF PANEL. ENSURE DEVELOPMENT OF REINFORCING ABOVE AND BELOW STUB BEAM; PROVIDE HOOKED BARS IF REQUIRED. LOCAL FLEXURAL SERVICE STRESSES IN PANEL MUST ALSO BE CHECKED.

ERECTION CONSIDERATIONS:

- PROVIDES SIGNIFICANT OUT-OF-PLANE ADJUSTMENT CAPABILITY.
- SHIMS MUST BE LOCATED AS SHOWN TO MINIMIZE TORSION ON BRG. CHANNEL.

DETAILING NOTES:

1. MAINTAIN 2" MIN. CLR. BETWEEN BRG. CHANNEL AND CEILING LINE.
2. KEEP BEARING POINT BELOW DEEPEST PERIMETER FRAMING MEMBER FOR EASY ACCESS WHERE POSSIBLE. CHECK FOR CLR. BETWEEN FRAMING MEMBER AND STUB BEAM.
3. IF CONN. IS LOCATED ABOVE FINISHED FLOOR, MAKE SURE IT IS CONCEALED BY INTERIOR FINISH.
4. THE DIMENSION FROM BACK OF PANEL TO COL. CENTERLINE TYPICALLY RANGES FROM 10" TO 1'-6".
5. MAINTAIN 4" MIN. CLR. BETWEEN PANEL AND STRUCTURE TO ALLOW ROOM FOR CHANNEL.
6. MAINTAIN 2" MIN. CLEARANCE BETWEEN WIDEST COLUMN FLANGE AND STUB BEAM.
7. THE DIMENSION FROM COL. CENTERLINE TO CENTERLINE OF STUB BEAM & INSERT SHOULD BE KEPT CONSTANT FOR A GIVEN PROJECT. 1'-0" IS TYP. TO MAINTAIN CLR. IN NOTE 6.
8. THREADED ROD LENGTH = $A+4"$ (ROUNDED UP TO NEAREST 2").
9. STUB BEAM SHOULD EXTEND A MINIMUM OF 2" BEYOND BACK OF BRG. CHANNEL.
10. MAINTAIN 1" MIN. CLR. AT EMBEDDED END OF STUB BEAM. CHECK REVEAL LOCATIONS ON PANEL FACE.



SCALE 1" = 1'-0"

BEARING CONNECTION W / TIE-BACK

ARCHITECTURAL

LOAD TO STEEL COLUMN

10-25-05

AD-11