

-3/4" FITTED STIFF PL E.S. AT EXPOSED COL LOCATIONS

STD NUT (PROVIDE ACORN NUT AT EXPOSED LOCATIONS ON EXIST SLAB

_/ AT PLATE

ON NEW FDN PIER TO SIT FLUSH ON FINISH SLAB

5/16 WASHERS

—PL WASHER PER AISC MINIMUMS

ANCHOR RODS. SEE BASE

NUMBER

TYP COL BASE DETAIL U.N.O.

PLATE DETAILS FOR SIZE &

COL (SEE PLAN)

1"(1/4" SETTING PL +

PROJ SEE BASE PLATE _ _ _ _

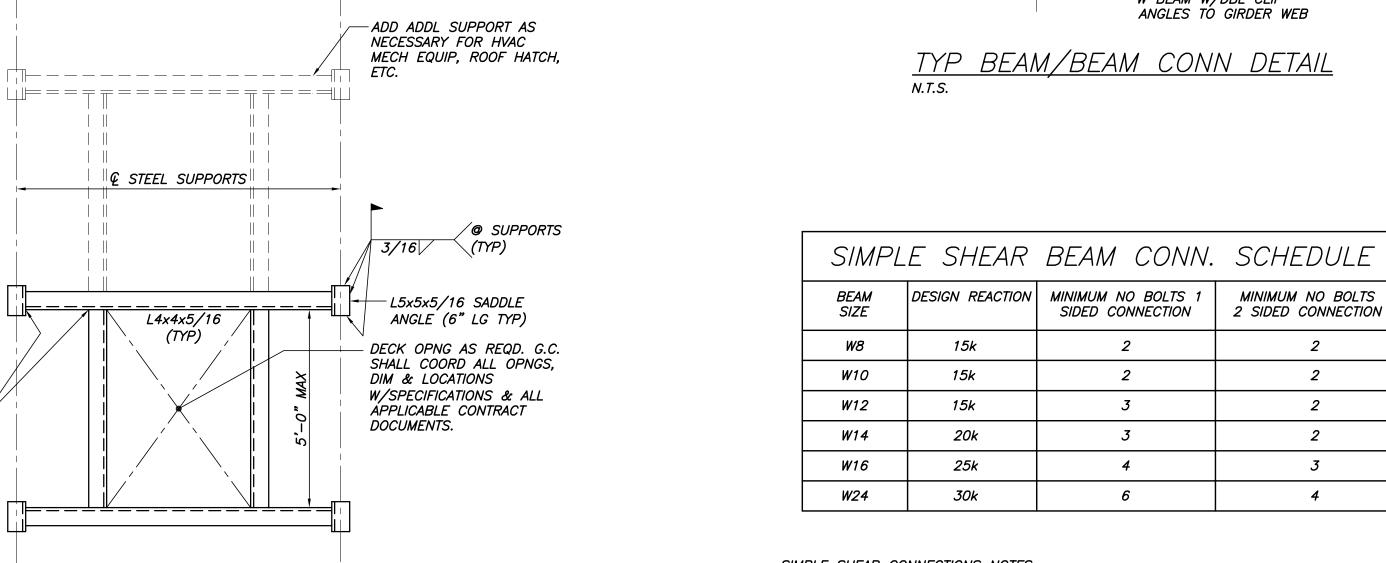
T/NEW CONC PIER OR EXIST CONC SLAB

DETAILS, THIS DWG) -

EMBED LENGTH (SEE BASE

PLATE DETAILS, THIS DWG)

3/4" NON-SHRINK GROUT)—



PLAN OF TYP OPENING IN ROOF DECK N.T.S. TYPICAL @ FANS & OTHER

DETAIL TYPICAL AT ROOF DRAINS, EXHAUST FANS AND OTHER

CUTS MORE THAN (2) DECK RIBS. FOR OPENINGS LESS THAN

'D"+4". EXTEND AS REQD FOR 2" MIN BRG ON DECK RIB.

12"Ø, REINF OPNG W/16GA MIN PL. MIN PL LENGTH SHALL BE

MECH AND HVAC EQUIP IF OPENING IS LARGER THAN 12" OR

MECH & HVAC EQUIP U.N.O.

SIMPLE SHEAR CONNECTIONS NOTES:

1. SIMPLE SHEAR CONNECTIONS SHALL BE SELECTED FROM THE AISC "MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION" USING THE ABOVE REFERENCED REACTIONS AND CRITERIA. REACTIONS INDICATED ARE UNFACTORED (SERVICE LEVEL LOADS). MORE BOLTS THAN REFERENCED IN THE "MINIMUM" SECTIONS ABOVE MAY BE REQUIRED FOR LOAD REQUIREMENTS.

2. CONNECTIONS ARE SUBJECT TO REVIEW ON THE STEEL SHOP DRAWINGS.

— "2x" WOOD NAILER (MATCH FLANGE WIDTH)

-1/2"ø CARRIAGE BOLTS

@ 16" O.C. STAGGERED

<u>PRE-PUNCH FLANGE</u> <u>+ WEB HOLES</u>

COORDINATE DETAIL

LOCATIONS W.ARCH.

- PL 1 1/4x12x1'-10" W/(4)-1 1/16"ø HOLES

HSS (SEE PLAN)

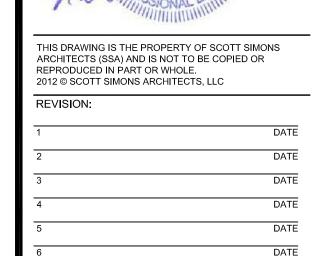
FOR (4)-1"ø A490 S.C.

BOLT BEYOND

(TOP FLANGE)

3. ALL BOLTS SHALL BE A325 OR A490 FOR SIMPLE SHEAR CONNECTIONS, MIN 3/4"ø. MINIMUM WELD SIZE SHALL BE 5/16". MINIMUM MATERIAL SIZE FOR PLATES OR ANGLES SHALL BE 3/8" 4. ONE SIDED CONNECTIONS INCLUDE SINGLE PLATES AND SINGLE ANGLE CONNECTIONS.

5. TWO SIDED CONNECTIONS INCLUDE DOUBLE ANGLE AND END PLATE CONNECTIONS.



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ISSUED FOR BIDDING

TYPICAL FRAMING SECTIONS AND **DETAILS**

S301

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