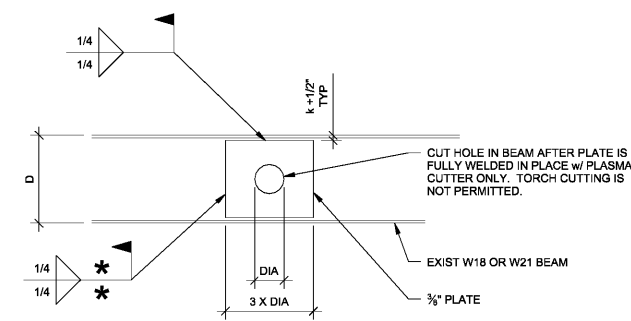


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* NOTE: PERFORMING ENTIRE LENGTH OF VERTICAL WELDS CONTINUOUSLY WILL WEAKEN BEAM. PERFORM VERTICAL WELDS INTERMITTANTLY WITH 3 INCH MAXIMUM LENGTH. ALTERNATE SIDES OF PLATE AND ALLOW EA WELD SEGMENT TO COOL.

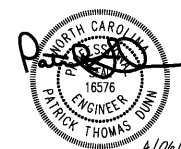
NOTE: WEB REINFORCING DESIGNED ONLY FOR (2) - 4 INCH SANITARY SEWER LINES RUNNING EAST-WEST BELOW THE EXIST SECOND FLOOR BETWEEN GRIDS E AND F AND PENETRATING WEBS OF W18 OR LARGER BEAMS. LOCATE PENETRATIONS IN ACCORDANCE WITH THE PLUMBING DRAWINGS. NOTIFY ENGINEER IF OTHER BEAM PENETRATIONS ARE REQ'D.

HOLE DIA SHALL BE A MINIMUM AS REQ'D, BUT NO MORE THAN THE BEAM DEPTH DIVIDED BY 3

WEB REINFORCING DETAIL AT PIPE PENETRATION

1"=1'-0"

Dunn Structural Engineering
125 S Lexington Ave
Suite 308
Asheville, NC 28801
828.775.5110



A/06/18

KEN NISCH, AIA

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248 355 0895 Fax

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Certification:

Consultants:
RETAIL DESIGN CONSULTANT

JGA INC
29355 Northwestern Hwy
Suite 300
Southfield, MI 48034 USA
248 355 0890
248 355 0895 Fax
www.jga.com

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4,740 SQUARE FEET

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 bidding
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 construction

REVISIONS:

Prj. no. 8-218-030
Drawn PD
Checked PD
Approved KN

Do not scale this print. Use figured dimensions only.

Drawing title:
EXIST'G STL. BEAM PENETRATION DTL.

Sheet no.
S-1.0