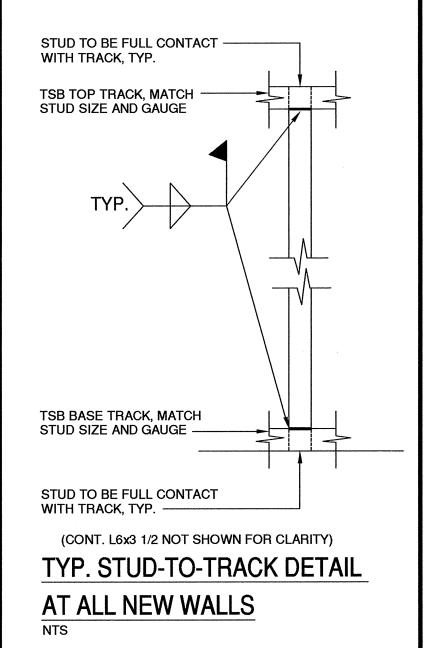


SCREW ATTACH TRACK,

STRAP AND POST USING

(4) #10-16 SCREWS.



12TSB18 BLOCKING EVERY OTHER SPACE AT CANTILEVER,

CONT. 12TSB18 CLOSURE

DOUBLE JACK STUD AND OF THE PROPERTY OF THE PR

HS\$10x6x3/8" LINTEL (6" TALL)

12C\$W12|@ 16"O.C.

(2) 12CSW12 + (2) 12TSB12: DOUBLE NESTED BEAM

12CSW12 @ 12"O.C.

4"x16 GAUGE X-BRACING

DIAGONAL BRACING IN OPPOSING DIRECTION MAY BE

PLACED ON EACH FACE OF STUD TO CREATE "X-SHAPE"

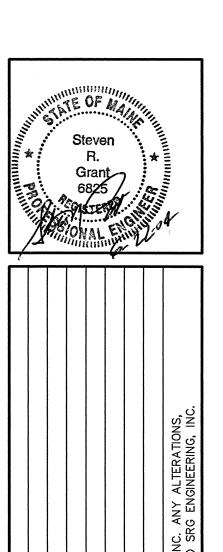
ROOF FRAMING PLAN

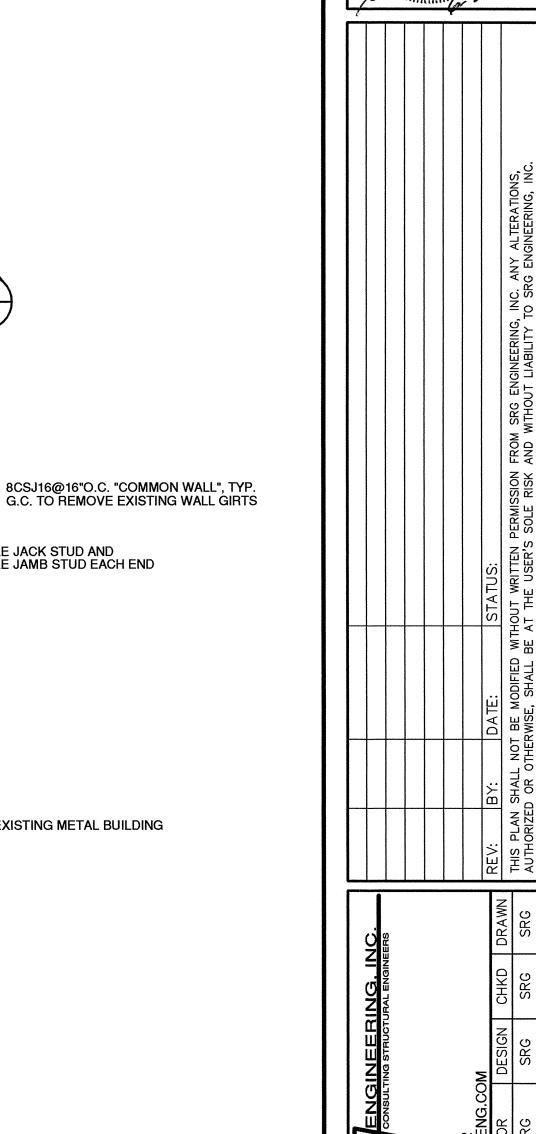
4"x16 GAUGE X-BRACING

DOUBLE JACK STUD AND DOUBLE JAMB STUD EACH END

EXISTING METAL BUILDING

FASTEN TO WALL BELOW WITH MIN. (2) #10 SCREWS





SCALE NONE

SHEET S2

LINTEL/HEADER, SEE PLAN DOUBLE JACK STUD BELOW LINTEL — WELD ALL STUDS TOGETHER 2 IN 12, TYP.

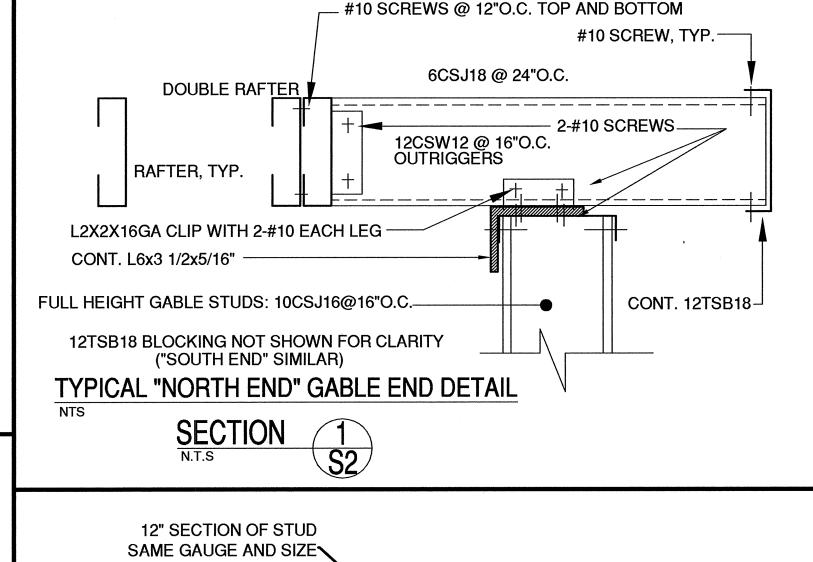
TYPICAL LINTEL SUPPORT DETAIL

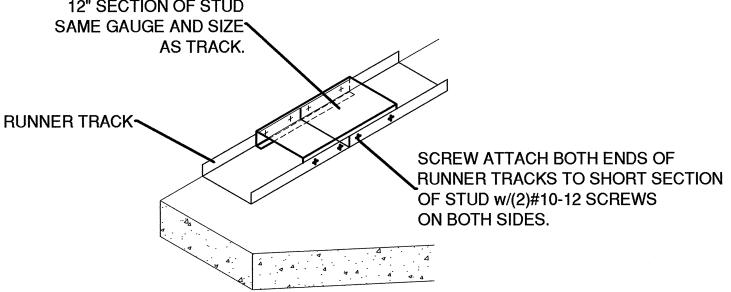
TYPICAL LIGHT GAGE STEEL FRAMING NOTES:

- 1. ALL LIGHT GAGE STUDS, TRACKS, AND COMPONENTS TO BE BY DIETRICH INDUSTRIES, INC.
- 2. THE EXTENT OF ALL WORK FOR LIGHT GAGE FRAMED WALL SYSTEMS IS DETAILED ON THE ARCHITECTURAL DRAWINGS. THESE NOTES ARE TO BE USED IN CONJUNCTION WITH THOSE DRAWINGS AND SPECIFICATIONS, INCLUDING ALL ADDENDUMS.
- 3. PROVIDE ALL NECCESSARY CHANNEL (STIFFENED FLANGE) STUDS, JOISTS, RUNNERS, TRACKS, BLOCKING, SHOES, CLIP ANGLES, REINFORCEMENTS, FASTENERS AND ALL OTHER ACCESSORIES REQUIRED FOR A COMPLETE FRAMING SYSTEM.
- 4. THE FOLLOWING SPECIFICATIONS AND PUBLICATIONS (LATEST EDITIONS WITH CURRENT AMENDMENTS) ARE TO BE FOLLOWED(U.N.O.): ASTM, AISI, AWS, INTERNATIONAL BUILDING CODE (IBC). 5. FABRICATION OF ALL LIGHT GAGE FRAMING IS TO CONFORM WITH THE FOLLOWING REQUIREMENTS OF
 - A. Fy = 50 KSI OR GREATER FOR ALL STUDS, TRACK AND SLIP TRACK 16 GAGE OR HEAVIER. B. Fy = 33 KSI OR GREATER FOR ALL STUDS, TRACK, AND SLIP TRACK 18 GAGE OR LIGHTER.
- C. Fy = 33 KSI OR GREATER FOR ALL COMPONENTS NOT OTHERWISE SPECIFIED. 6. FABRICATE METAL FRAMING COMPONENTS (STUDS, TRACK AND BRIDGING) FROM GALVANIZED STEEL-SHEET MEETING A MINIMUM G60 COATING. ACCESSORIES TO BE HOT-DIPPED GALVANIZED IN STRICT COMPLIANCE WITH ASTM A123, A143, A153, A384, A385 AND A386 AS APPLICABLE TO EACH ITEM. PROVIDE NUTS, BOLTS, WAHSERS, SCREWS, AND OTHER FASTENERS WITH CORROSION-RESISTANT
- PLATED FINISH EQUIVALENT TO CADMUIM PLATING, ASTMA165, TYPE NS. 7. AT ALL LOCATIONS WHERE STUD SYSTEM ABUTS STRUCTURAL COLUMNS OR WALLS, INSTALL COMPRESSIBLE FILLER AND ANCHOR STUDS TO SUPPORTING STRUCTURE, SEE ARCHITECTURAL PLANS.
- 8. AT ALL EXPANSION AND CONTROL JOINTS, FRAME BOTH SIDES WITH SEPARATE STUDS; DO NOT BRIDGE THE JOINT WITH COMPONENTS OF STUD SYSTEM.
- 9. ALL SCREWS SHOWN ARE TO BE "TEK" SCREWS, SIZE AS SHOWN.

ASTM A446 HAVING THE FOLLOWING MINIMUM YIELD STRESSES (Fy):

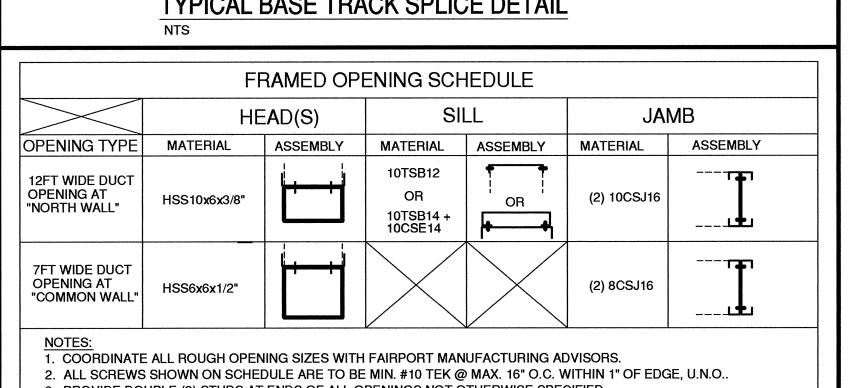
- 10. ALL STUDS TO BE SET IN FULL CONTACT WITH BASE AND TOP TRACKS.
- 11. SEE WALL SECTION(S) FOR STUD AND SLIP TRACK REQUIREMENTS.
- 12. SIZE, GAGE, & SPACING OF JACK AND CRIPPLE STUDS TO MATCH TYPICAL WALL STUDS, UNLESS NOTED OTHERWISE ON DETAILS.
- 13. ALL LIGHT GAGE FRAMING HAS BEEN DESIGNED FOR WIND LOADS AS REFERENCED IN ASCE 7-02 (WIND SPEED = 95MPH, EXP. B, I=1.15) WITH MAX. DEFLECTION = L/240 FOR METAL SIDING.
- 14. REFER TO CONSTRUCTION DOCUMENTS (PLANS AND SPECIFICATIONS) FOR ADDITIONAL REQUIREMENTS.
- 15. CONTRACTOR MAY SUBSTITUTE STUD SIZE SHOWN WITH STUD HAVING SAME Fy, DEPTH, AND GAGE, WHILE HAVING A WIDER FLANGE.
- 16. CONTRACTOR MAY SUBSTITUTE STUD SIZE SHOWN WITH STUD HAVING SAME Fy, DEPTH, AND FLANGE WIDTH, WHILE HAVING A THICKER GAGE.
- 17. FASTENER SIZE SHOWN IS MINIMUM. FASTENER SPACING SHOWN IS MAXIMUM. 18. DESIGN WIND LOAD = 16.1 PSF FOR ALL STUDS AT ALL FLOOR LEVELS AT WALL ZONE 4, 19.8 PSF AT
- ZONE 5; PER ASCE 7-02. 19. AT ALL CORNERS, PROVIDE MINIMUM 3 STUDS. WELD ALL STUDS TOGETHER 2 IN 12, SCREWING
- TOGETHER IS NOT ALLOWED. 20. ALL STUDS ARE TO BE WELDED TO TOP AND BOTTOM TRACKS. WELD ACROSS AT EACH FACE.





TYPICAL BASE TRACK SPLICE DETAIL

- 3. PROVIDE DOUBLE (2) STUDS AT ENDS OF ALL OPENINGS NOT OTHERWISE SPECIFIED.
- 4. WELD ALL MULTIPLE STUDS TOGETHER 2 IN12, FULL LENGTH OF MEMBER.
- 5. ALL MEMBERS TO BE ONE PIECE AND CONTINUOUS, NO SPLICES ALLOWED.



COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, TYPICAL

10CSJ16@16"O.C. EXTERIOR WALL, TYP.

ROOF FRAMING NOTES:

- 1. ALL NEW EXTERIOR WALLS TO BE CONSTRUCTED OF 10CSJ16 STUDS @ 16"O.C.
- 2. NEW COMMON WALL STUDS SUPPORTING RAFTERS AT "HI-END" TO BE 8CSJ16 STUDS @
- 3. DESIGN SNOW LOAD PER 2003 IBC (INTERNATIONAL BUILDING CODE): Pf=0.70*Ce*Ct*I*Pg;
- Pf=42PSF (Pg=60PSF, Ce=1.0, Ct=1.0, I=1.0) PLUS DRIFTING SNOW.
- 4. DESIGN ROOF DEAD LOAD = 8PSF.
- 5. ALL WALLS TO HAVE CONTINUOUS WALL BRIDGING @ 48"O.C. ON INSIDE FACE OF STUD. AND 1 DEEP x 20 GAUGE HAT CHANNELS @ 24"O.C. AT EXTERIOR FACE OF STUDS, FULL HEIGHT OF WALL. CONTRACTOR MAY USE EITHER 2"x20GAUGE FLAT STRAP OR "SPAZZER BAR" BY DIETRICH FOR INSIDE FACE BRIDGING. ALL BRIDGING TO BE POSITIVELY FASTENED TO TO EACH STUD CROSSED BY SCREWS AND CLIP ANGLES PER DIETRICH INDUSTRIES.
- 6. ALL WALL STUDS ARE BEARING AND THEREFORE, MUST BE SET SQUARE AND IN FULL CONTACT WITH BASE AND TOP TRACKS PRIOR TO FASTENING.
- 7. ALL METAL STUD WALL ASSEMBLIES TO BE WELDED, UNLESS NOTED OTHERWISE ON PLANS. WELD MULTIPLE STUDS TOGETHER EACH FACE 2 IN 12, U.N.O. ON PLANS.
- 8. ALL SIZES SHOWN ARE THOSE MANUFACTURED BY DIETRICH INDUSTRIES, INC. 9. ALL METAL FRAMING SHOWN IS TO BE GALVANIZED, PER LIGHT GAUGE METAL FRAMING
- NOTES, THIS SHEET. 10. ALL RAFTERS TO BE NON-PUNCHED SECTIONS.
- 11. CONTRACTOR IS TO PROVIDE TEMPORARY SHORING AND/OR BRACING FOR ALL FRAMING AND WALLS UNTIL ALL BRIDGING, DIAGONAL BRACING, AND SIDING/SHEETHING IS FULLY INSTALLED AT EACH FACE.
- INDICATES SPAN OF \(\frac{3}{4}\)" THICK (NOMINAL) APA RATED STRUCTURAL SHEATHING, FASTEN TO METAL RAFTERS WITH #10 SELF-DRILLING SCREWS @ 6"O.C. AT ALL EDGES AND 12"O.C. AT INTERIOR OF SHEET. PLACE SHEETS WITH LONG DIRECTION PERPENDICULAR TO METAL RAFTERS, STAGGER ALL JOINTS 4'-0".
- 13. ALL HSS (HOLLOW STRUCTURAL SECTIONS) TO MEET ASTM A500, GRADE B; Fy=46ksi.

ISSUED FOR CONSTRUCTION

06-22-04