

**GENERAL**

1. THESE DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS. SEE THOSE DRAWINGS FOR EXACT DIMENSIONAL INFORMATION.
2. DETAILS WHICH DEPICT A SPECIFIC SITUATION SHALL BE INTERPRETED AS BEING TYPICAL FOR SIMILAR SITUATIONS.
3. ALL DIMENSIONS SHOWN ON THESE PLANS ARE FOR GUIDELINE ONLY. LIGHT GAGE FRAMING SHALL BE CUT TO FIT FIELD CONDITIONS AS NECESSARY.
4. LIGHT GAGE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE FABRICATION AND CONSTRUCTION.
5. ALL STUDS MUST BE Laterally BRACED ON BOTH SIDES BY WALL SHEATHING. WHERE WALL SHEATHING IS NOT PROVIDED, STUDS SHALL BE BRACED USING FLAT STRAPS SPACED AT 4'-0" ON CENTER MAXIMUM.

**DESIGN LOADS**

NOTE: WIND DESIGN LOADS ARE PER IBC 2003

BASIC WIND SPEED	100 MPH
IMPORTANCE FACTOR	1.0
EXPOSURE CATEGORY	C

DEFLECTION CRITERIA AT MASONRY/PRECAST VENEER	L/600
AT ALL OTHER LOCATIONS	L/240

**LIGHT GAGE STEEL FRAMING**

1. ALL STUDS AND/OR JOISTS AND ACCESSORIES SHALL BE THE TYPE, SIZE, GAGE, AND SPACING AS SHOWN ON THE DRAWINGS. REFER TO 'STEEL STUD MANUFACTURER'S ASSOCIATION' FOR PROPERTIES AND SPECIFICATIONS OF LIGHT GAGE MEMBERS. LIGHT GAGE SHALL BE SUPPLIED BY A MANUFACTURER THAT IS A MEMBER OF THE STEEL STUD MANUFACTURER'S ASSOCIATION OR APPROVED EQUAL.
2. ALL STRUCTURAL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) 'SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS', 2001 EDITION INCLUDING 2004 SUPPLEMENT.
3. ALL STEEL USED SHALL CONFORM TO ASTM A446 WITH THE FOLLOWING MINIMUMS:  
 Fy = 33 KSI FOR 18 AND 20 GAGE  
 Fy = 50 KSI FOR 12, 14, AND 16 GAGE
4. ALL STRUCTURAL MEMBERS SHALL BE ZINC COATED MEETING ASTM G-60 OR EQUIVALENT.
5. REFER TO SSMA PUBLICATION 'PRODUCT TECHNICAL INFORMATION, ICBO ER-4943P' FOR ADDITIONAL TECHNICAL INFORMATION, AND ERECTION AND BRACING PROCEDURES.
6. POWDER ACTUATED FASTENERS (PAFS) SHALL BE INSTALLED WITH A MINIMUM 2-3/4" DISTANCE TO THE EDGE OF CONCRETE.
7. ALL STUDS 6" AND LESS CAN BE BRACED WITH 5400-SPAZZER BARS PER MANUFACTURER'S RECOMMENDATIONS ALL LARGER STUDS SHALL BE BRACED WITH 18-GAGE TRACK AND FLAT STRAPS PER DETAILS.
8. FIREPROOFING SHALL BE DONE PRIOR TO LIGHT GAGE INSTALLATION UNLESS APPROVED OTHERWISE BY THE BUILDING DEPARTMENT.

**STEEL STUD MANUFACTURER'S ASSOCIATION LIGHT GAGE STEEL COMPONENTS**

6005162-43	18-GAGE STUD, 6" DEEP, 1-5/8" FLANGE, 1/2" LIP RETURN
6005162-33	20-GAGE STUD, 6" DEEP, 1-5/8" FLANGE, 1/2" LIP RETURN
8005162-43	18-GAGE STUD, 8" DEEP, 1-5/8" FLANGE, 1/2" LIP RETURN
8005200-43	18-GAGE STUD, 8" DEEP, 2" FLANGE, 5/8" LIP RETURN
600T125-43	18-GAGE TRACK, 6" DEEP, 1-1/4" FLANGE
600T125-33	20-GAGE TRACK, 6" DEEP, 1-1/4" FLANGE
800T125-43	20-GAGE TRACK, 8" DEEP, 1-1/4" FLANGE
800T200-43	18-GAGE TRACK, 8" DEEP, 2" FLANGE
600T200-68	14-GAGE DEFLECTION TRACK, 6" DEEP, 2" FLANGE
800T200-68	14-GAGE DEFLECTION TRACK, 8" DEEP, 2" FLANGE

**EQUIVALENT COMPONENT NOTATIONS**

STEEL STUD MANUFACTURER'S ASSOCIATION	DIETRICH	MARINOWARE
6005162-43	6CSJ18	6SH18
6005162-33	6CSJ20	6SW20
8005162-43	8CSJ18	8SH18
8005200-43	8CSH18	8J18
600T125-43	6TSB18	6T18
600T125-33	6TSB20	6T20
800T125-43	8TSB18	8T18
800T200-43	8TSC18	8DT18
600T200-68	6TSC14	6DT14
800T200-68	8TSC14	8DT14

**LIGHT GAGE STEEL MATERIAL THICKNESS**

20-GAGE	0.0346"
18-GAGE	0.0451"
16-GAGE	0.0566"
14-GAGE	0.0713"
12-GAGE	0.1017"

**NOTE: STEEL SHALL BE 50 KSI FOR ALL DEFLECTION TRACKS (ALL TRACKS WITH 2 INCH FLANGES) - 33 KSI IS NOT SUFFICIENT.**

One Autumn Street  
 Portsmouth, NH 03801  
 (603) 433-8639  
 Fax: (603) 431-2811

**LGO Associates, Inc.**

REVISION	SCHEDULE	BY	DATE

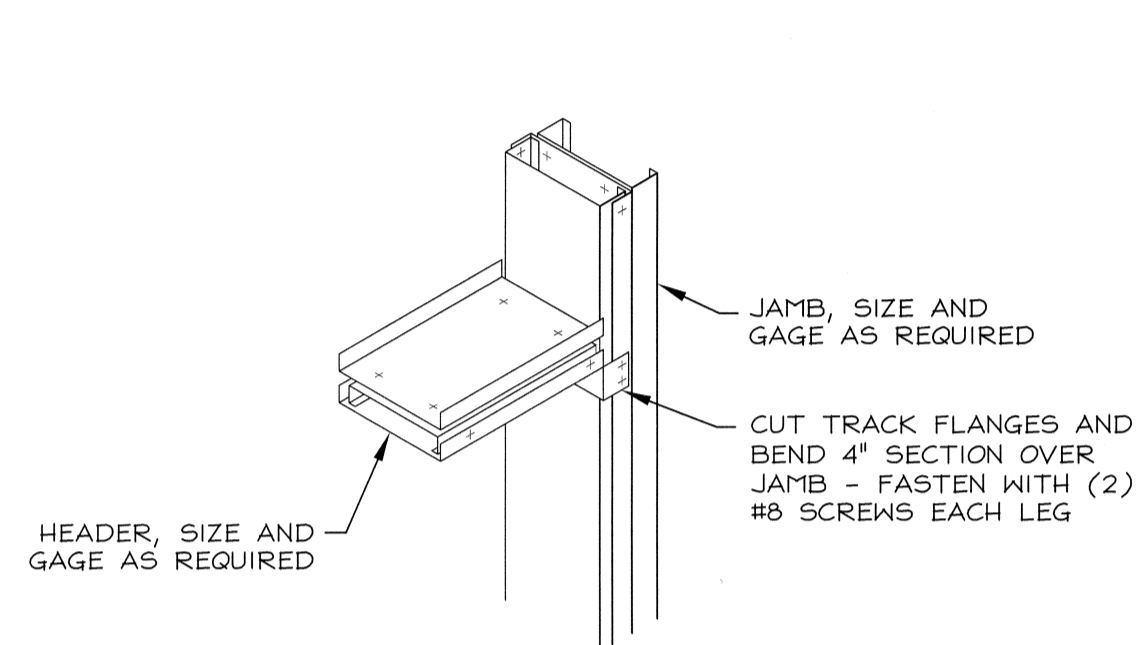
**LOPECHEE**  
 CONSTRUCTION CORPORATION  
 11 CORPORATE DRIVE, BELMONT, NH 03220  
 PHONE: (603) 532-9090 FAX: (603) 522-9191

**LIGHT GAGE GENERAL NOTES AND DETAILS**

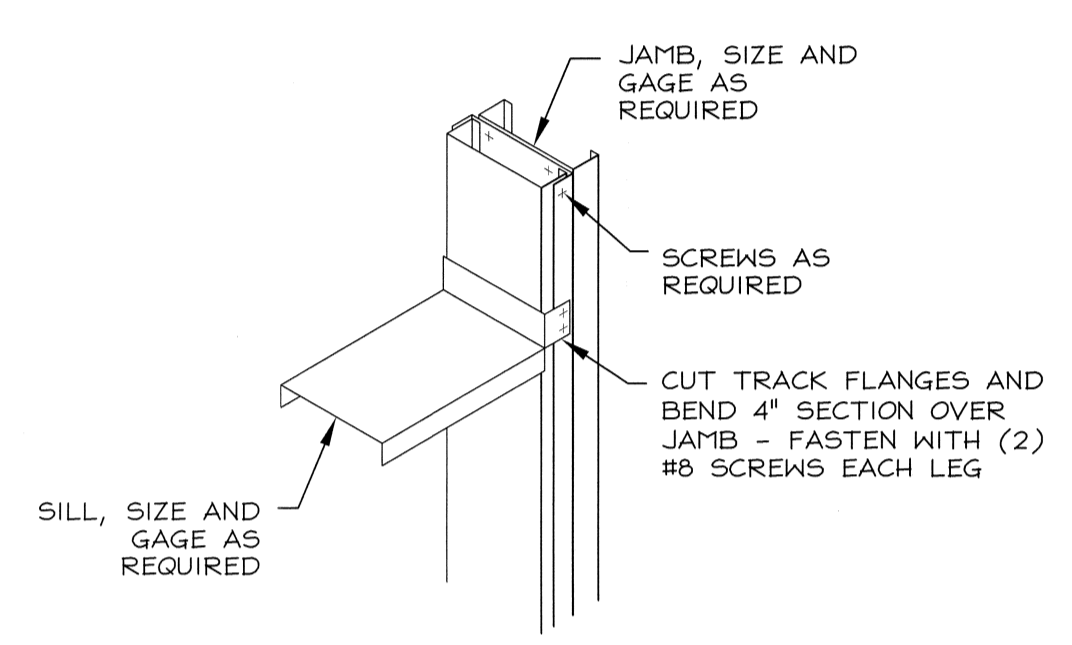
**Hotel, Restaurant, Portside Residences**  
 PORTLAND, MAINE

PROJECT: **LGO**  
 DATE: 06-25-10  
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 DRAWN BY: MJA

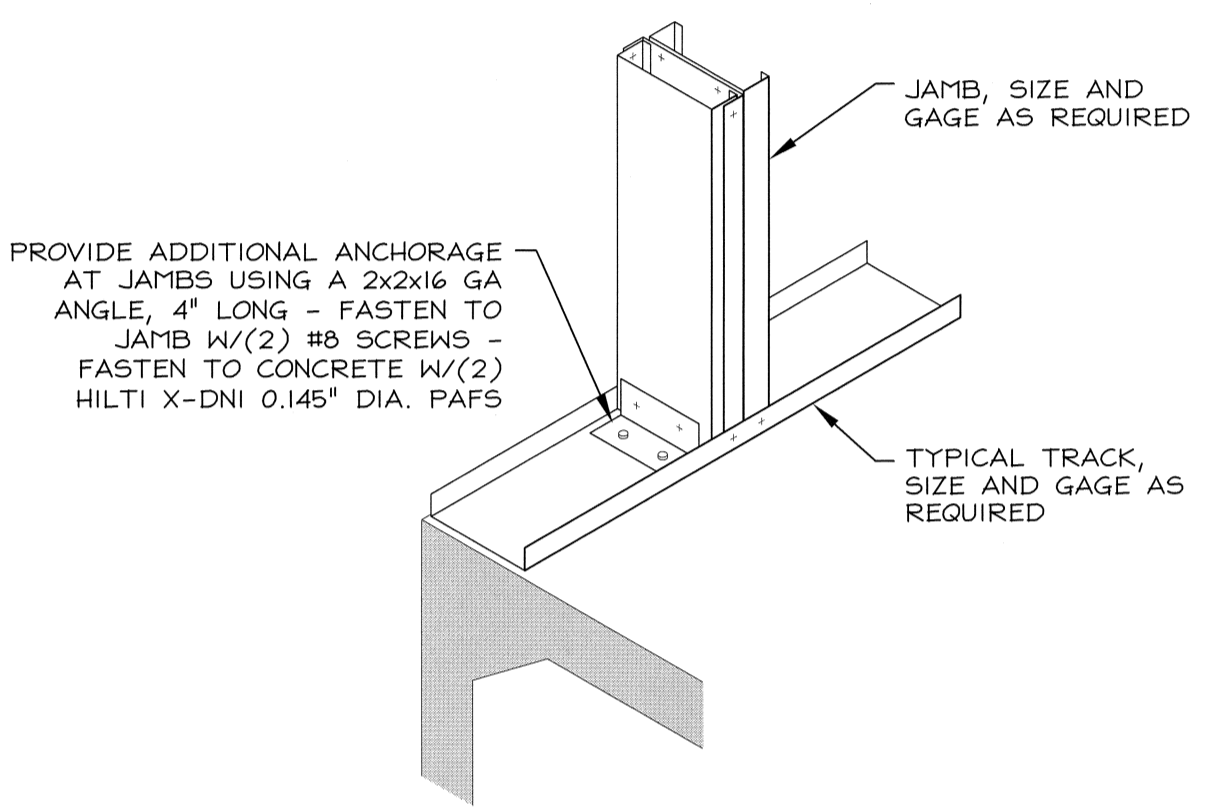
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 SHEET: **LGO**  
 JSN PROJECT NO 091012.1



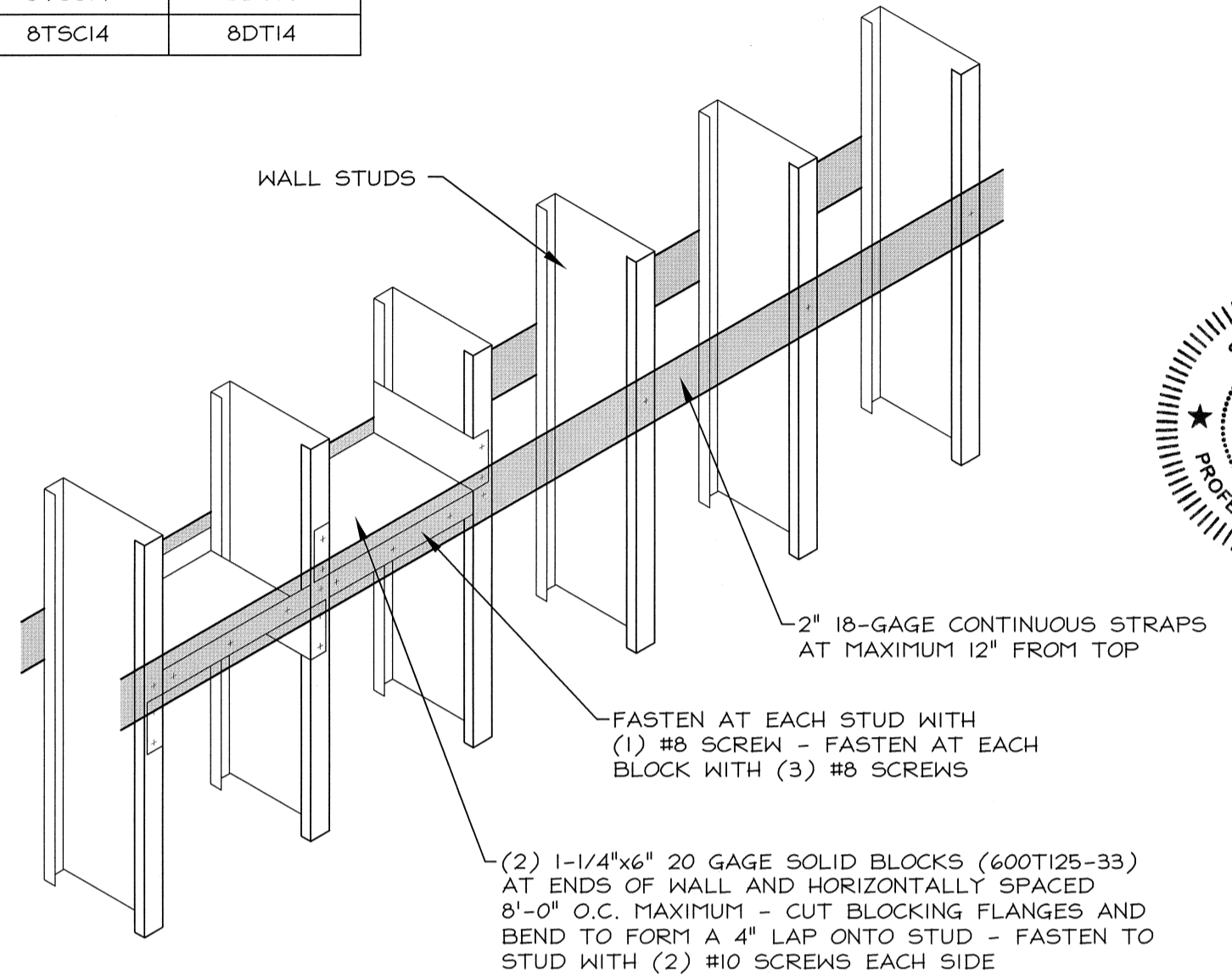
1 DOOR/WINDOW HEADER DETAIL  
 LGO NOT TO SCALE



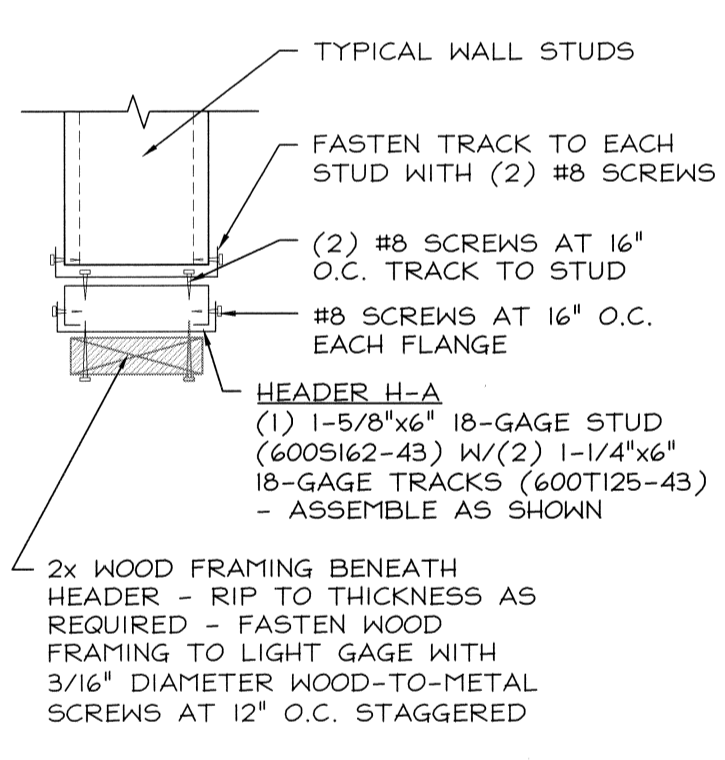
2 WINDOW SILL DETAIL  
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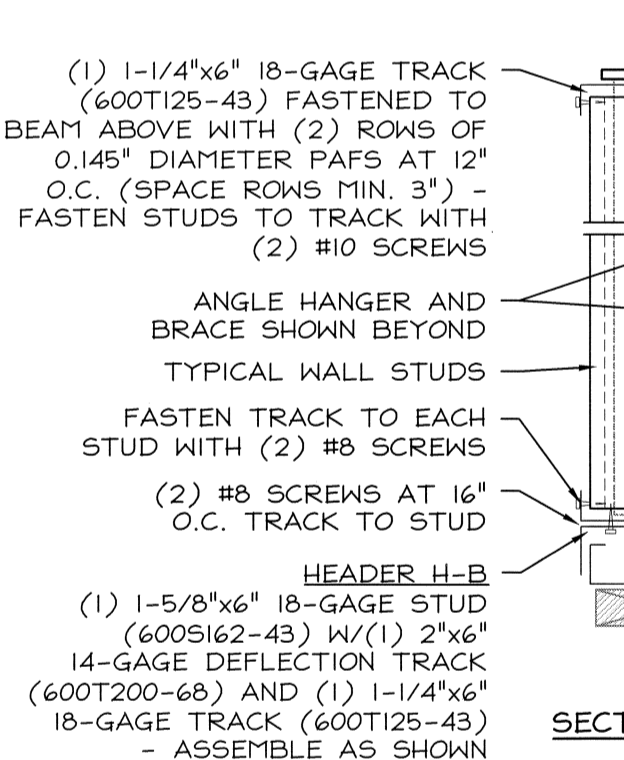
3 JAMB BASE DETAIL  
 LGO NOT TO SCALE



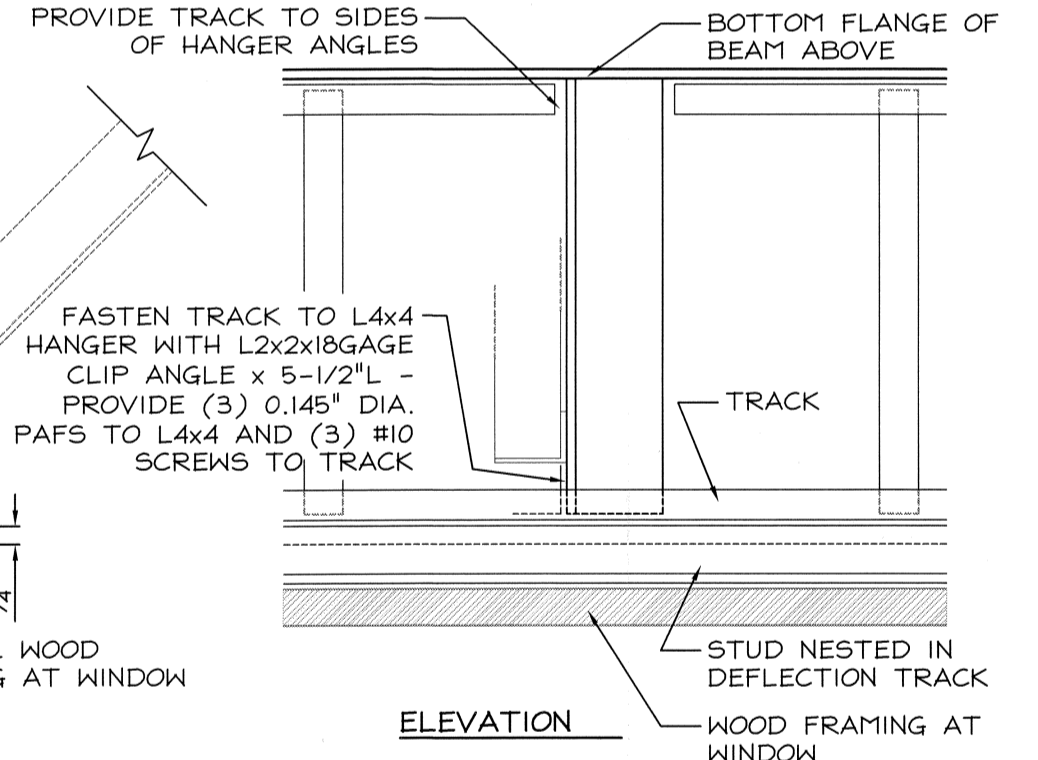
4 TYPICAL TOP OF WALL BRACING  
 LGO NOT TO SCALE



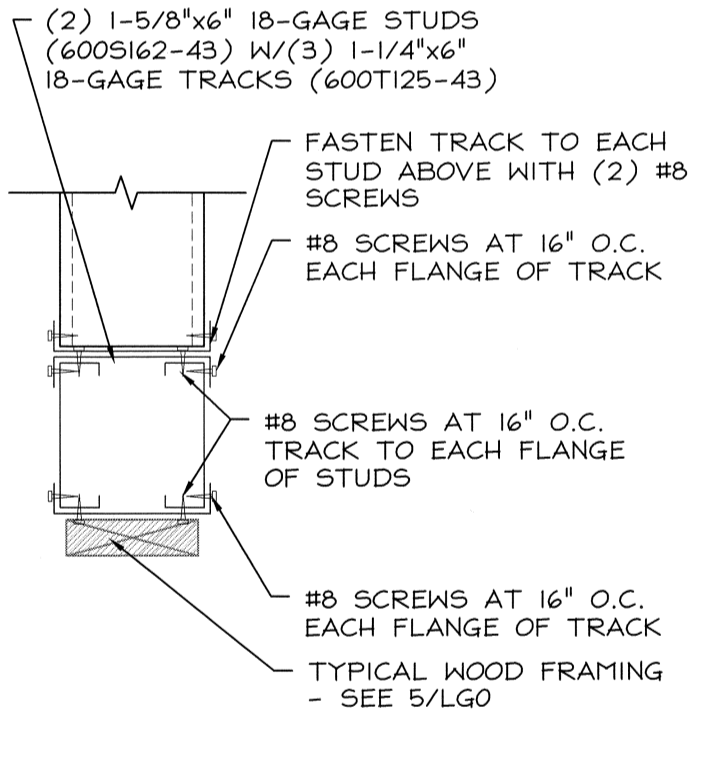
5 HEADER ASSEMBLY "H-A"  
 LGO Scale: 1-1/2" = 1'-0"



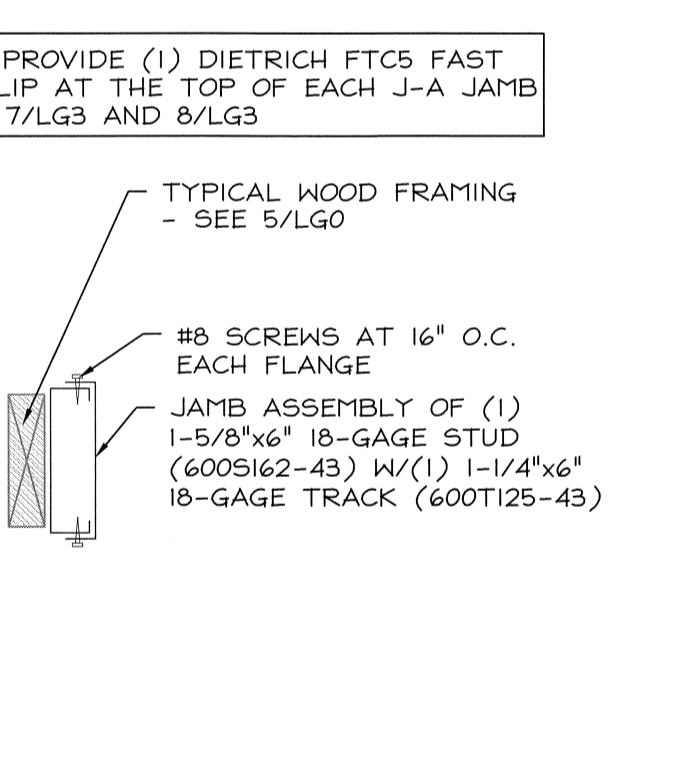
6 HEADER ASSEMBLY "H-B"  
 LGO Scale: 1-1/2" = 1'-0"



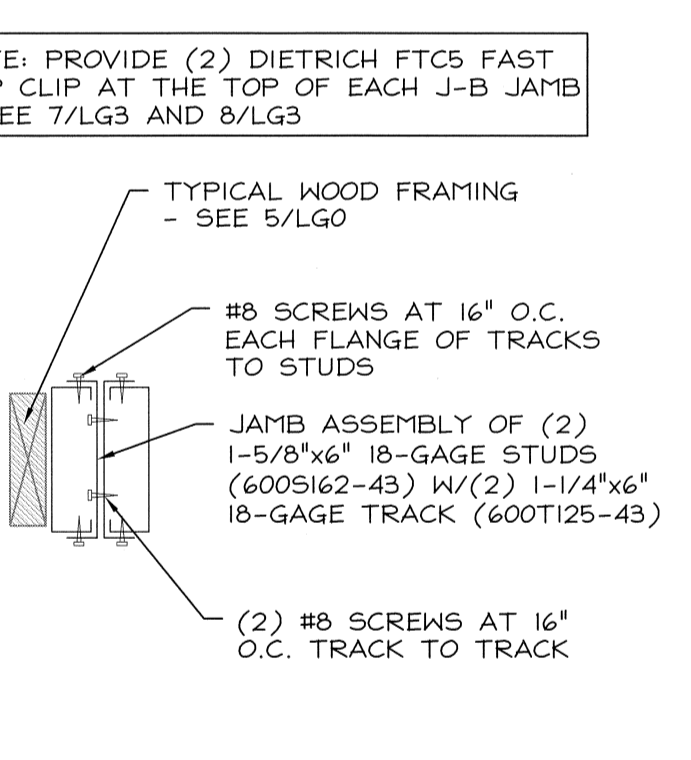
7 HEADER ASSEMBLY "H-C"  
 LGO Scale: 1-1/2" = 1'-0"



8 JAMB "J-A" DETAIL  
 LGO Scale: 1-1/2" = 1'-0"

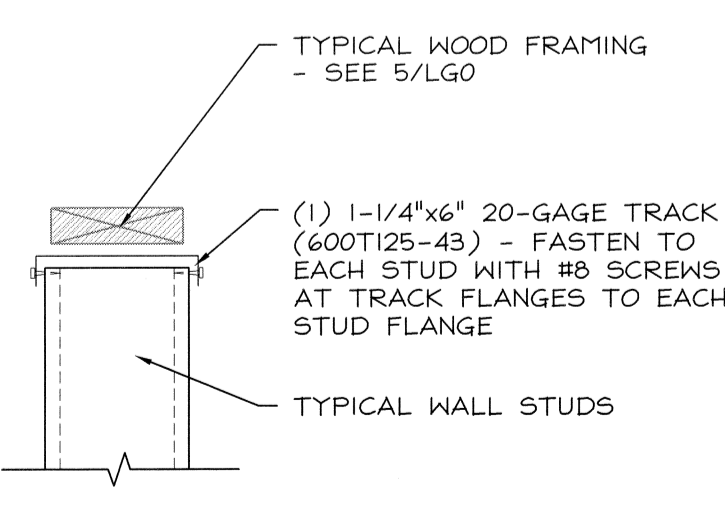


9 JAMB "J-B" DETAIL  
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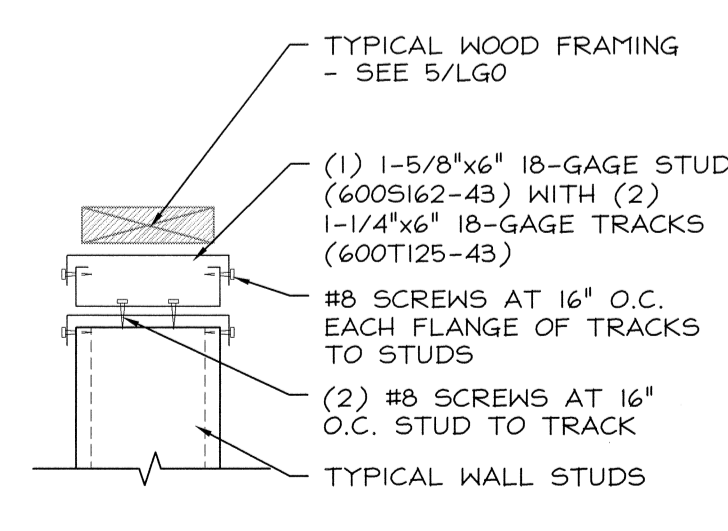


10 JAMB "J-C" DETAIL  
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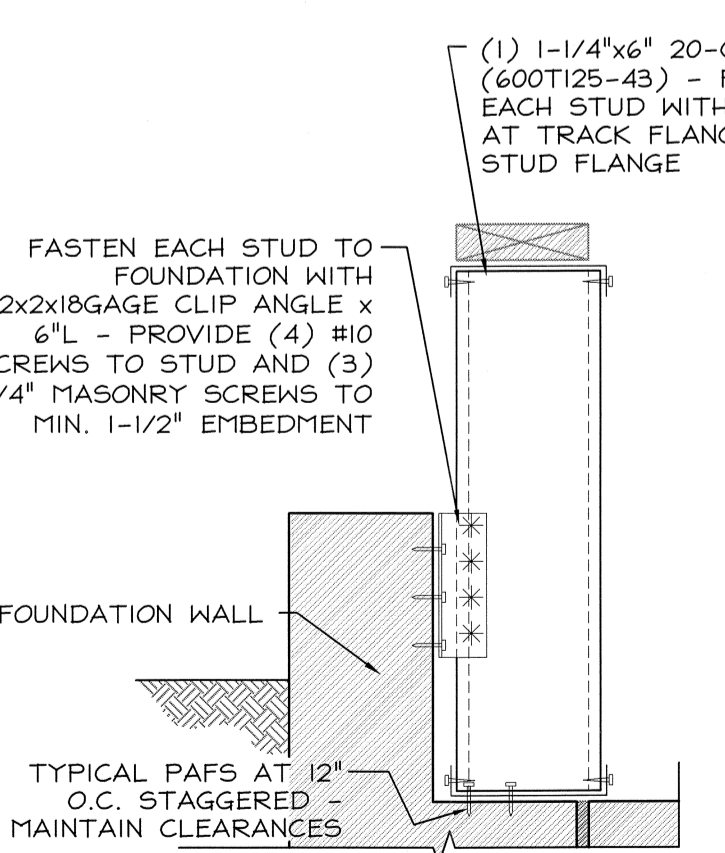
**LIGHT GAGE CONTRACTOR PLEASE NOTE: ALL LIGHT GAGE MEMBERS SHALL BE SINGLE PIECES (CONTINUOUS) FOR THE FULL LENGTH OF ALL HEADERS, SILLS, AND JAMBS - DO NOT SPLICE MEMBERS FOR HEADERS, SILLS, OR JAMBS - TRACK MEMBERS ARE INCLUDED IN THE DESIGN OF THE MEMBERS AND MUST BE PROVIDED AS SHOWN ON THESE DETAILS - DO NOT MODIFY ASSEMBLIES**



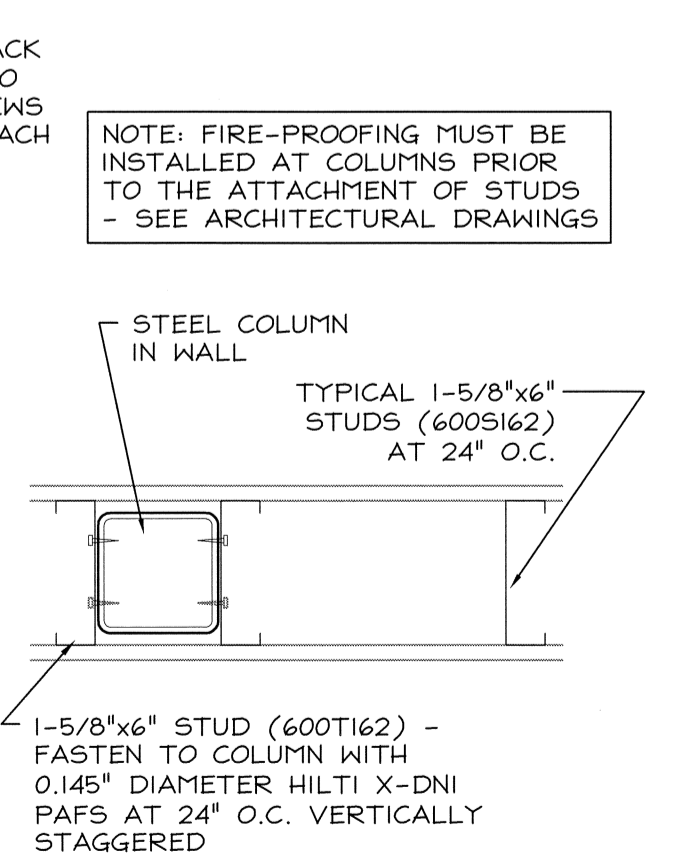
11 SILL ASSEMBLY "S-A"  
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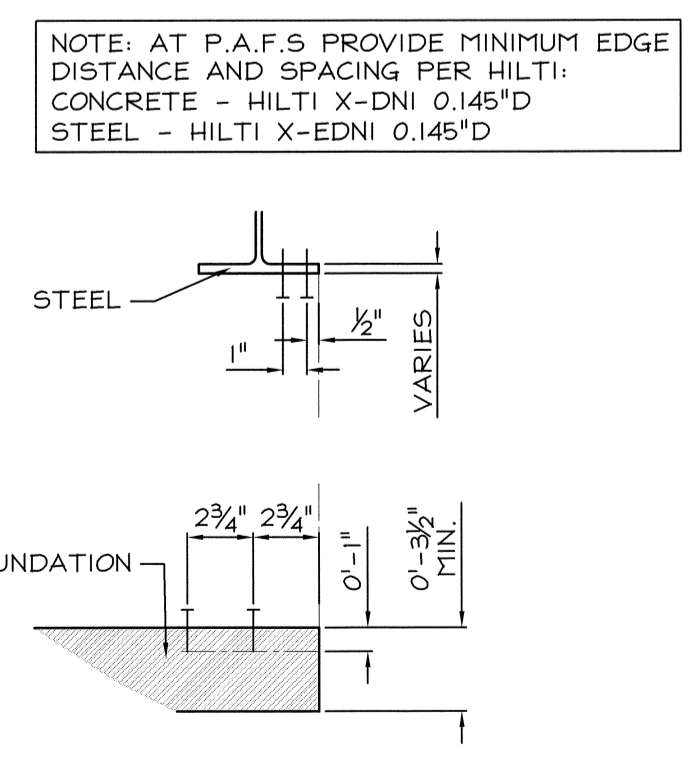
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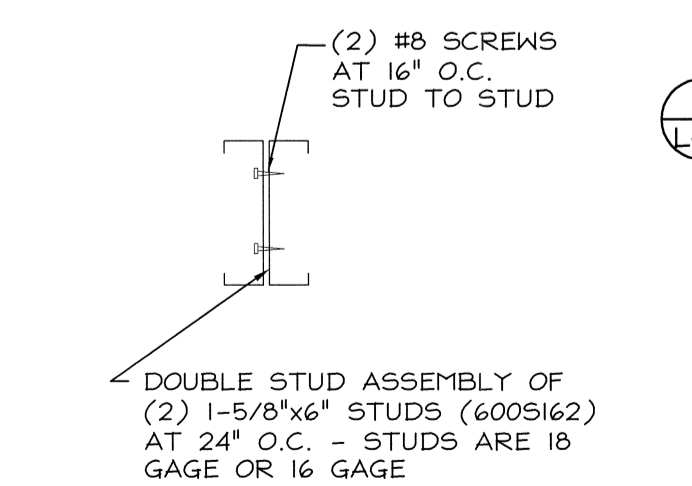
13 SILL ASSEMBLY "S-C"  
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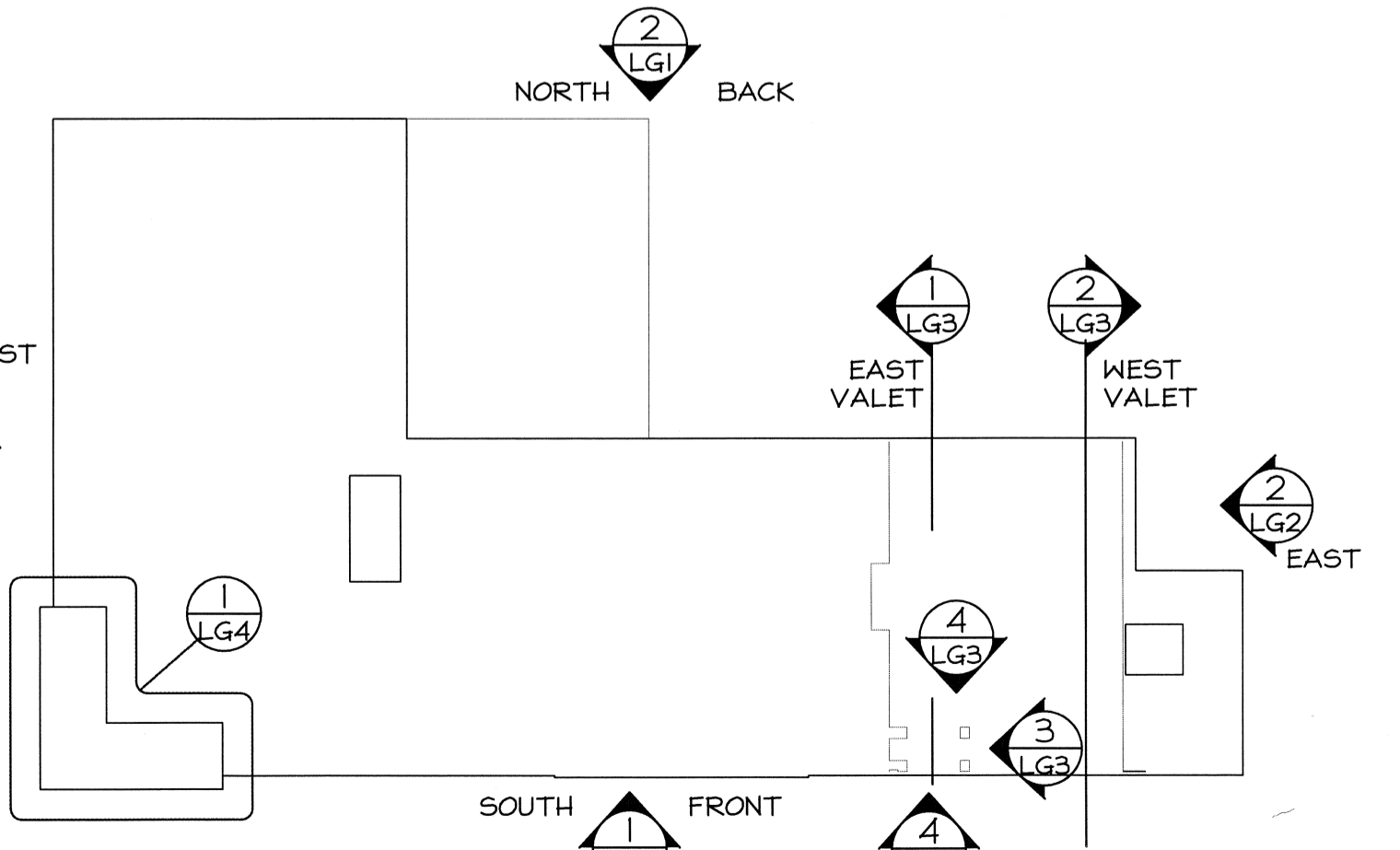
14 STUD AT COLUMN  
 LGO Scale: 1-1/2" = 1'-0"



15 FASTENER CLEARANCES  
 LGO Scale: 1-1/2" = 1'-0"



16 STUD FASTENING  
 LGO Scale: 1-1/2" = 1'-0"



17 KEY PLAN  
 LGO Scale: NOT TO SCALE