

**GENERAL NOTES**

**1. GENERAL**

- 1.1. BEFORE PROCEEDING WITH THE WORK, VERIFY ALL DIMENSIONS WITH THE ACTUAL CONDITIONS AND REPORT DISCREPANCIES TO THE CONSULTANT.
- 1.2. PROVIDE LABOUR, MATERIALS, PLANT AND EQUIPMENT TO COMPLETE ALL STRUCTURAL WORK INDICATED ON THE CONTRACT DOCUMENTS.
- 1.3. THESE DRAWINGS SHOW THE COMPLETED STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY ON THE JOB SITE, AND DESIGN, INSTALLATION AND SUPERVISION OF ALL TEMPORARY BRACING, SHORING, FORM WORK AND FALSE WORK, REQUIRED TO COMPLETE THE WORK.
- 1.4. ANY DAMAGE TO EXISTING BUILDING OR TO NEIGHBORING PROPERTIES IS NOT PERMITTED. THE CONTRACTOR IS RESPONSIBLE FOR MAKING GOOD ALL UNAVOIDABLE DAMAGE.
- 1.5. THE USE OF THESE DRAWINGS SHALL BE STRICTLY LIMITED TO THE INSTRUCTIONS IN THE REVISIONS BLOCK. BUILDING FROM THESE DRAWINGS SHALL PROCEED ONLY WHEN MARKED "FOR CONSTRUCTION".

**2. REFERENCE STANDARDS/CODES AND ACTS:**

- 2.1. CONFORM WITH THE ONTARIO BUILDING CODE LATEST EDITION AND AMENDMENTS, AND ANY APPLICABLE ACTS OF ANY AUTHORITY HAVING JURISDICTION, AND THE FOLLOWING:
- 2.2. ALL MATERIALS, CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO CSA S16-14 AND CSA G40.21.
- 2.3. DO WELDING WORK TO CSA W59-18 UNLESS SPECIFIED OTHERWISE.
- 2.4. COMPLY WITH OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS.
- 2.5. WHERE THERE ARE DIFFERENCES IN REQUIREMENTS OF THE DOCUMENTS AND THE STANDARDS, CODES AND ACTS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.

**3. MATERIALS:**

- 3.1. STRUCTURAL STEEL FOR SECONDARY BEAMS (JOISTS) AND GIRDERS TO BE ASTM GRADE A992
- 3.2. CSA G40.21 350W STEEL ANGLES TO BE USED FOR BRACING
- 3.3. COLUMNS TO BE ASTM GRADE A992 STEEL
- 3.4. BASE PLATES TO BE CAN/CSA G40.20/G40.21 GRADE 300W STEEL
- 3.5. ALL BOLTS TO BE  $\frac{3}{4}$ " ASTM A325 BOLTS

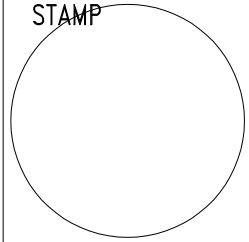
**4. QUALITY CONTROL:**

- 4.1. IMPLEMENT A SYSTEM OF QUALITY CONTROL TO ENSURE THAT MINIMUM STANDARDS SPECIFIED HEREIN ARE ATTAINED.
- 4.2. BRING TO ATTENTION OF ENGINEER ANY DEFECTS IN THE WORK OR DEPARTURES FROM CONTRACT DOCUMENTS, WHICH MAY OCCUR DURING CONSTRUCTION. ENGINEER WILL DECIDE UPON CORRECTIVE ACTION AND GIVE RECOMMENDATIONS IN WRITING.
- 4.3. ENGINEER'S GENERAL REVIEW DURING CONSTRUCTION AND INSPECTION AND TESTING BY INDEPENDENT INSPECTION AND TESTING AGENCIES REPORTING TO ENGINEER ARE BOTH UNDERTAKEN TO INFORM THE OWNER/CLIENT OF CONTRACTOR'S PERFORMANCE AND SHALL IN NO WAY RELIEVE CONTRACTOR OF CONTRACTUAL RESPONSIBILITIES.

**DRAWING LIST**

- S1 - GENERAL NOTES
- S2 - STRUCTURAL FRAMING PLAN
- S3 - ELEVATIONS (1)
- S4 - ELEVATIONS (2)
- S5 - SECTIONS
- S6 - DETAILS

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. ALL DRAWINGS AND SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ENGINEER AND MUST BE RETURNED ON REQUEST

1	05/12/18	REVIEW
No.	DATE	DESCRIPTION
STAMP		NORTH
		

**MOORE  
DESIGNS**

**LOCATION**

TOWNSHIP OF CARLING, ON

**PROJECT**

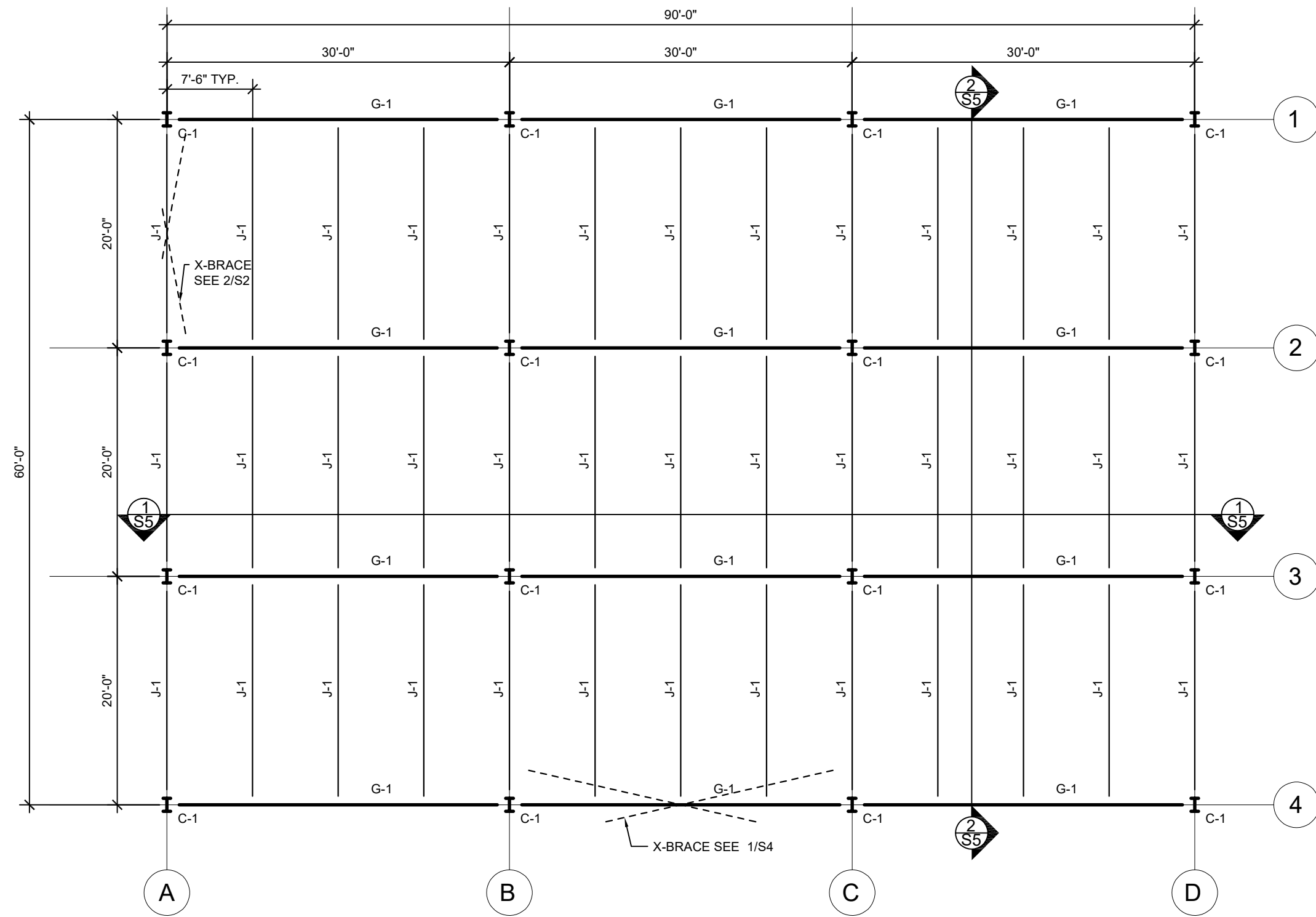
CARLING COMMUNITY HALL

**DRAWING TITLE**

GENERAL NOTES

<b>PROJECT No:</b> 001	<b>S1</b>
<b>DATE:</b> 5 DECEMBER 2018	
<b>SCALE:</b> -	
<b>DRAWING BY:</b> DAVID MOORE	
<b>APPROVED BY:</b> -	

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1 STRUCTURAL FRAMING PLAN  
S2 1:125

**NOTES**

STRUCTURAL FRAMING PLAN IS TYP. FOR ROOF FRAMING AND SECOND FLOOR FRAMING.  
MATERIAL SPECIFICATION CAN BE FOUND ON S1

- J-1 IS W8X40 W/ Rf= 86 kN AT EACH END
- G-1 IS W18X76 W/ Rf= 258 kN AT EACH END
- C-1 IS W14X43 W/ Cf= 1305 kN

**ROOF FRAMING DESIGN LOADS**  
FACTORED DEAD LOAD: Df=8.8 kPa  
- FRAMING SELF WEIGHT ASSUMED= 0.63 kPa  
FACTORED SNOW LOAD: Sf=4.6 kPa  
FACTORED LIVE LOAD: Lf=0.5 kPa  
TRIBUTARY AREA REDUCTION FACTOR=1.0

**SECOND FLOOR FRAMING DESIGN LOADS**  
FACTORED DEAD LOAD: Df=5.3 kPa  
- FRAMING SELF WEIGHT ASSUMED= 0.63 kPa  
FACTORED LIVE LOAD: Lf=7.2 kPa  
TRIBUTARY AREA REDUCTION FACTOR=1.0

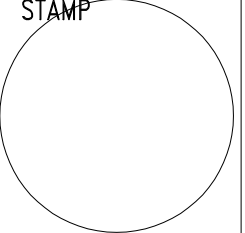
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CARLING COMMUNITY HALL
DRAWING TITLE
STRUCTURAL FRAMING PLAN

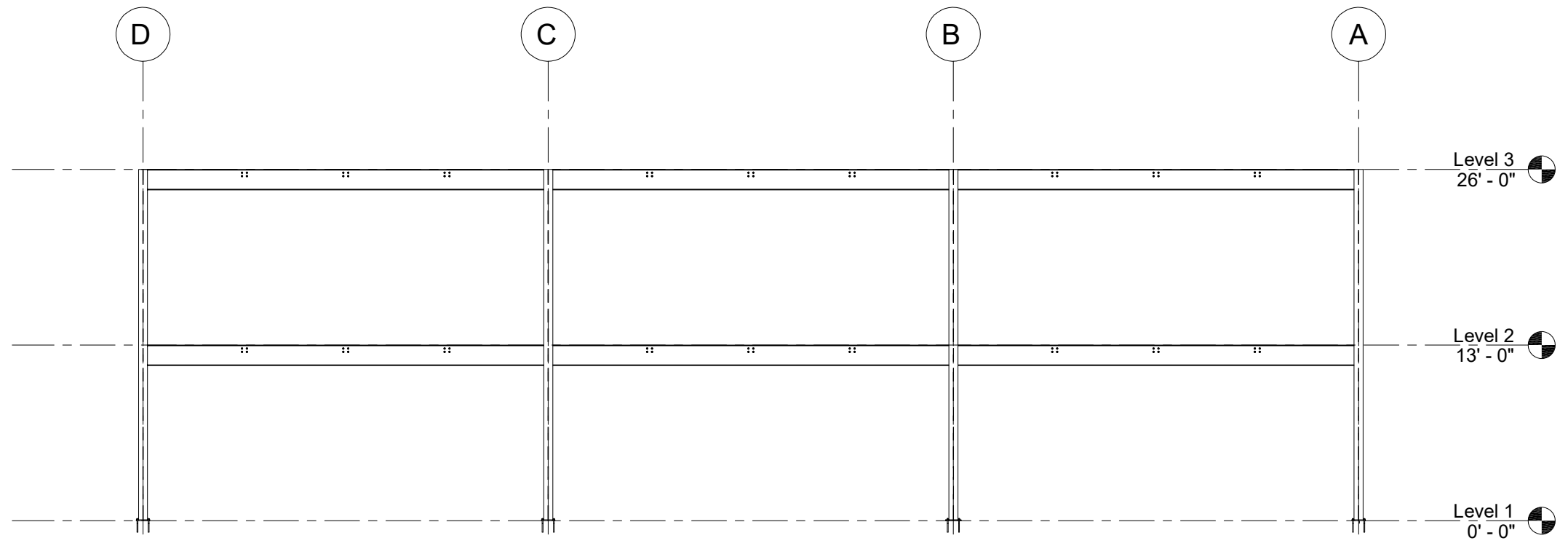
PROJECT No: 001	DRAWING No
DATE: 5 DECEMBER 2018	S2
SCALE: -	
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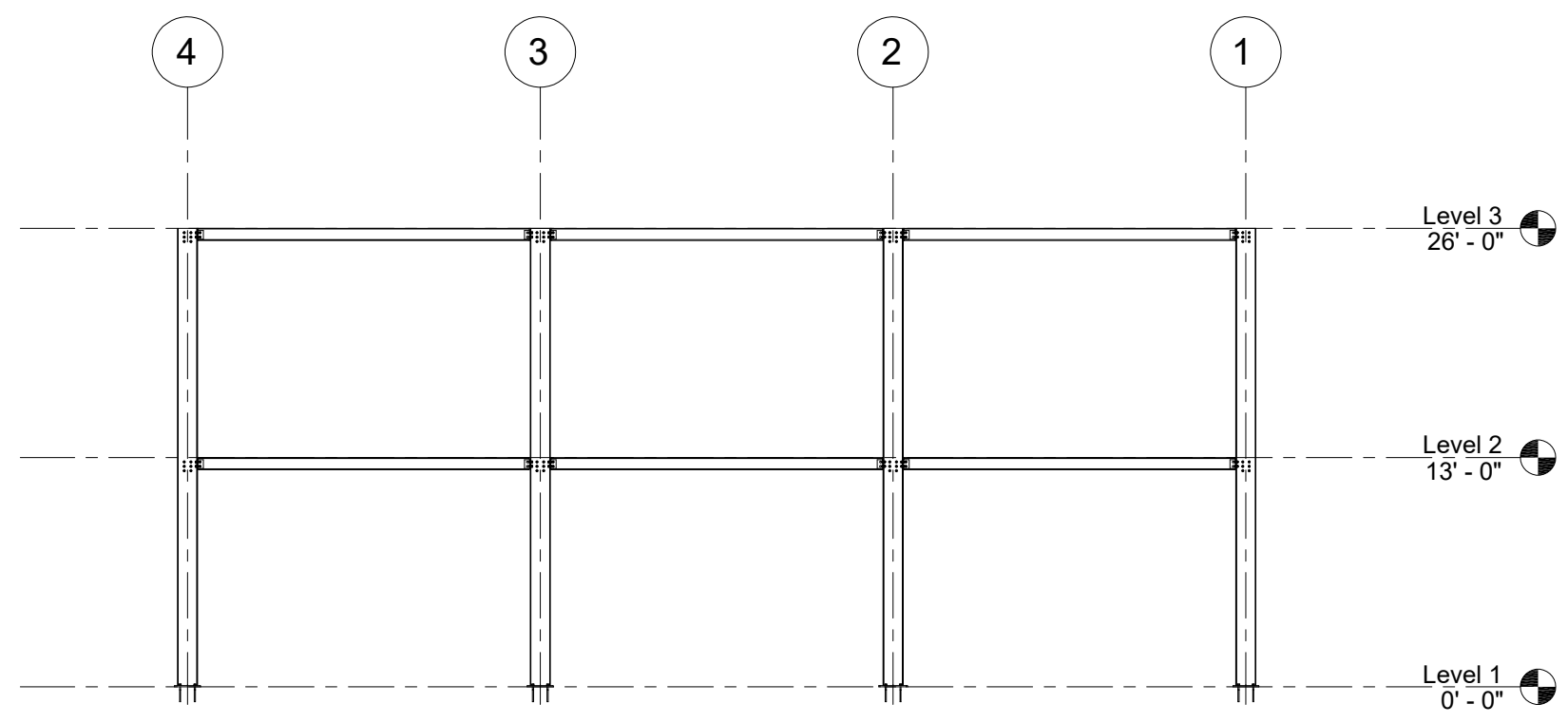
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# MOORE DESIGNS

LOCATION	
TOWNSHIP OF CARLING, ON	
PROJECT	
CARLING COMMUNITY HALL	
DRAWING TITLE	
ELEVATIONS (1)	
PROJECT No: 001	DRAWING No
DATE: 5 DECEMBER 2018	S3
SCALE: -	
DRAWING BY: DAVID MOORE	
APPROVED BY: -	



1 NORTH ELEVATION  
S3 1:125



2 EAST ELEVATION  
S3 1:125

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STAMP	NORTH

# MOORE DESIGNS

LOCATION

TOWNSHIP OF CARLING, ON

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DRAWING TITLE  
ELEVATIONS (2)

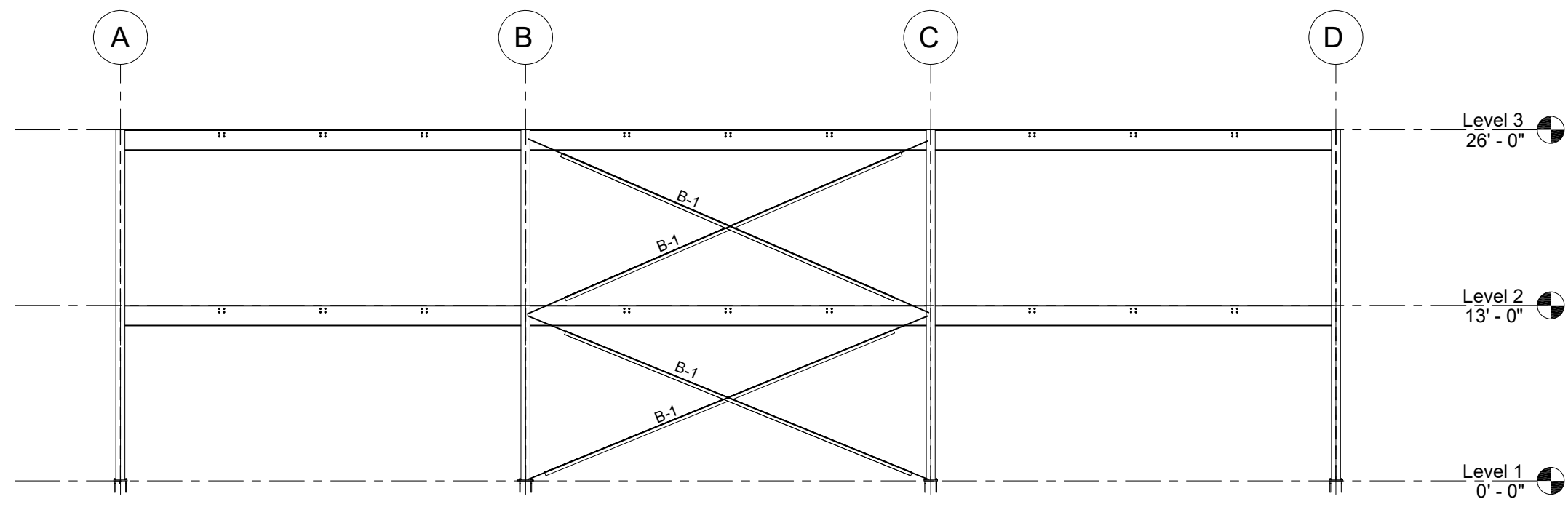
PROJECT No: 001	DRAWING No
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DATE: 5 DECEMBER 2018	S4
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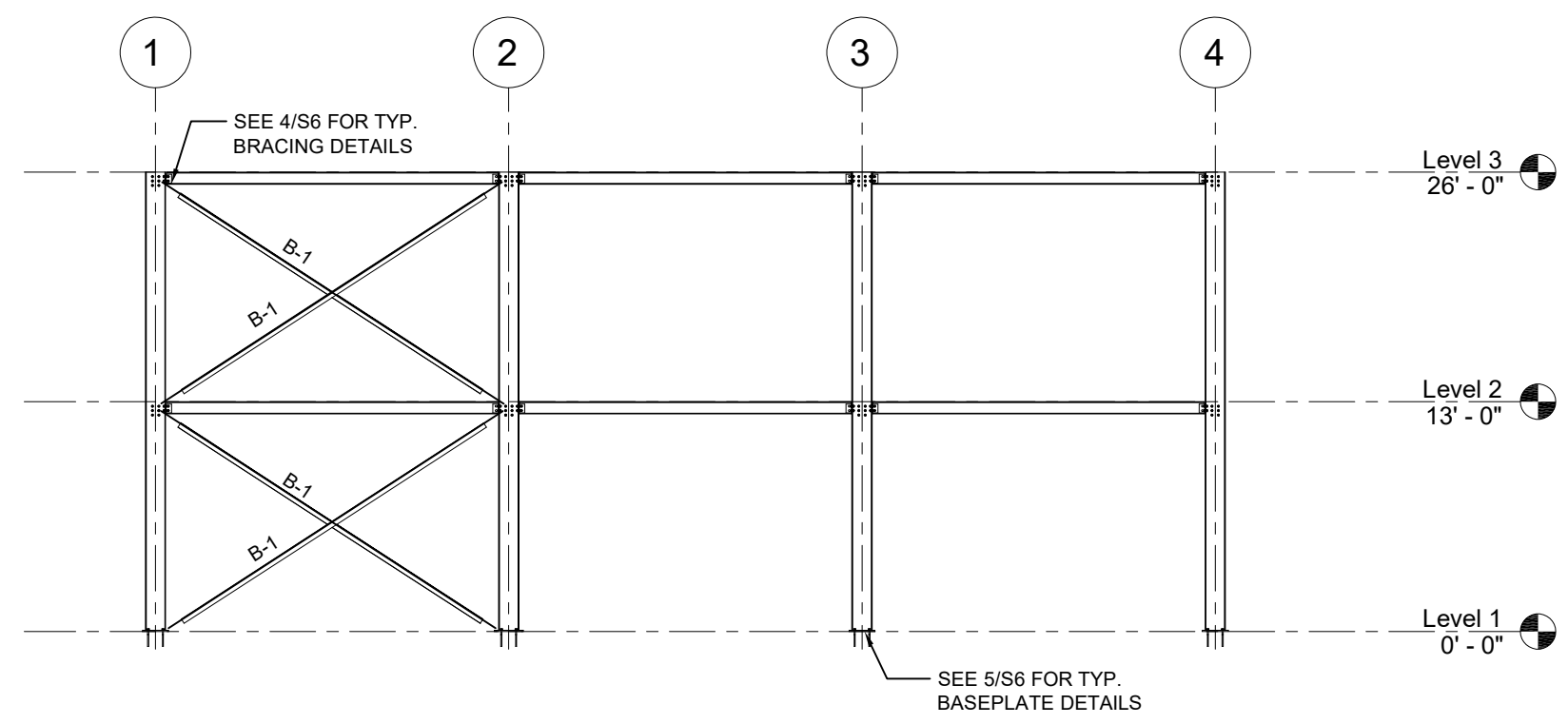
SCALE: -	S4
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DRAWING BY: DAVID MOORE	S4
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APPROVED BY: -	S4
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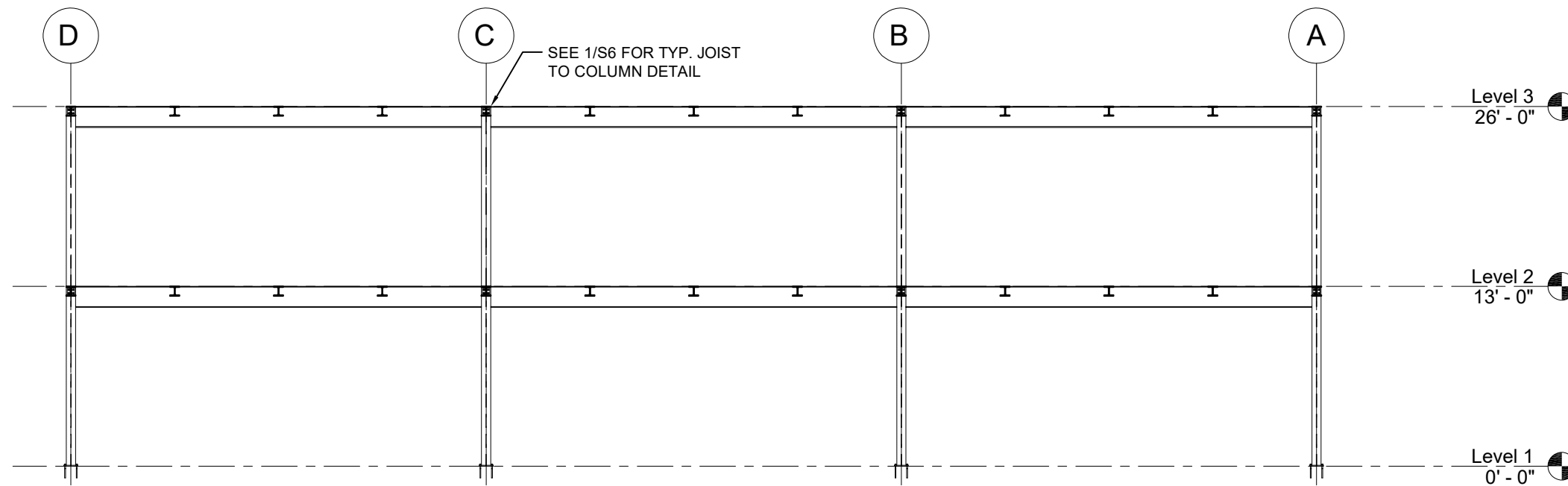


1 SOUTH ELEVATION  
S4 1:125

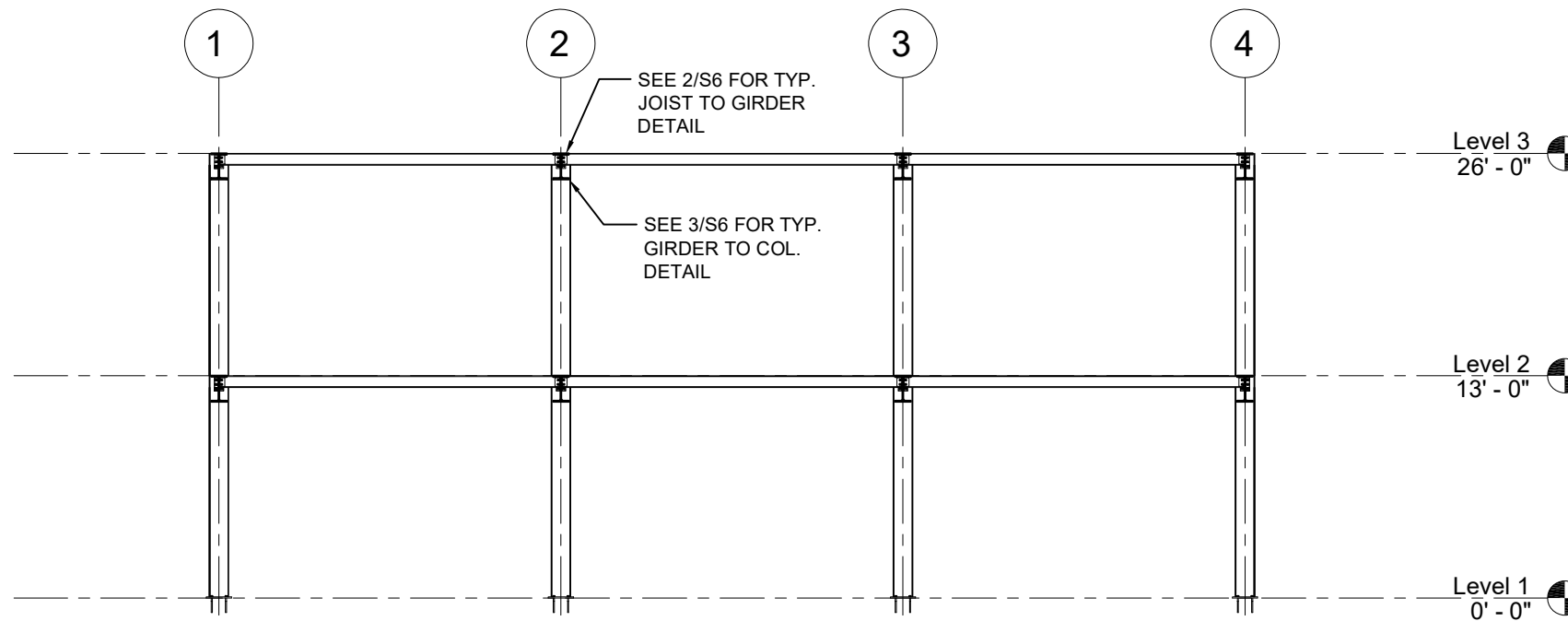


2 WEST ELEVATION  
S4 1:125

NOTE  
B1 IS L 3 1/2" X 3 1/2" X 1/4" W/ Tf= 93 kN  
WIND LOAD: q=0.39 kPa



1 EAST-WEST SECTION  
S5 1:125



2 NORTH-SOUTH SECTION  
S5 1:125

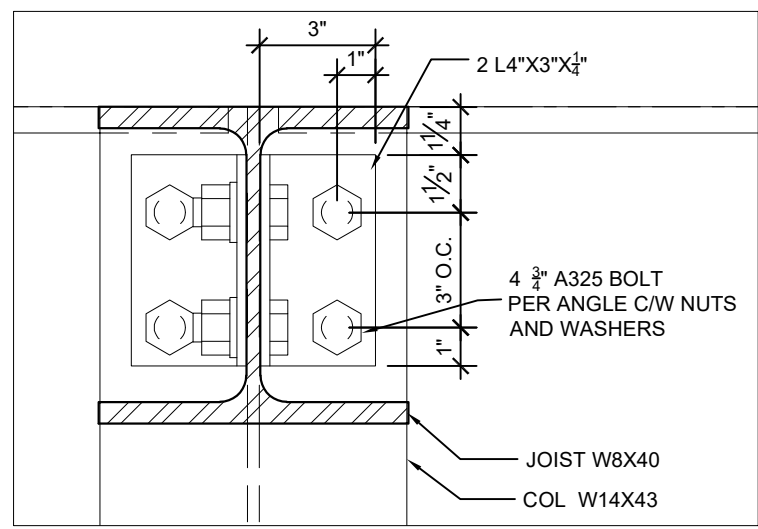
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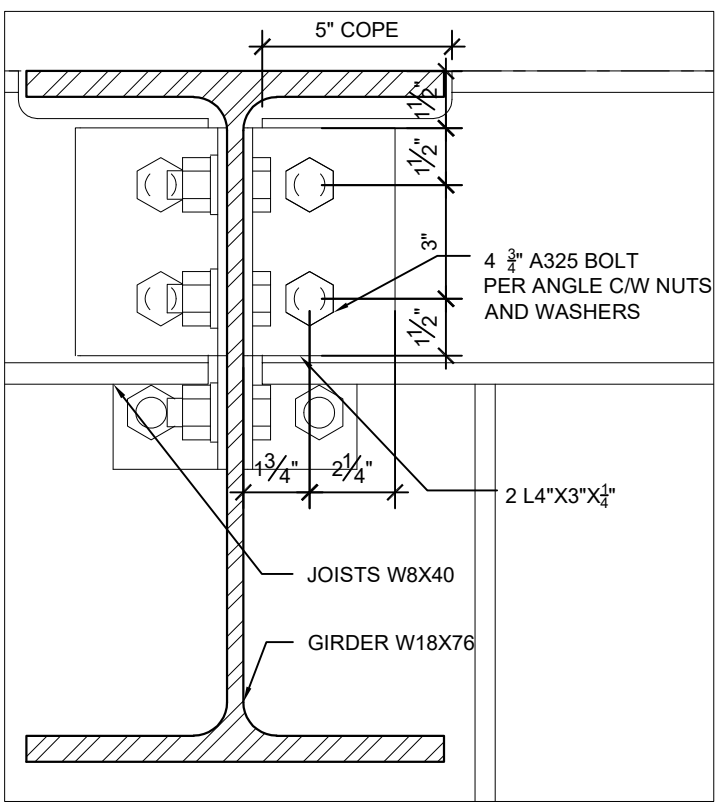
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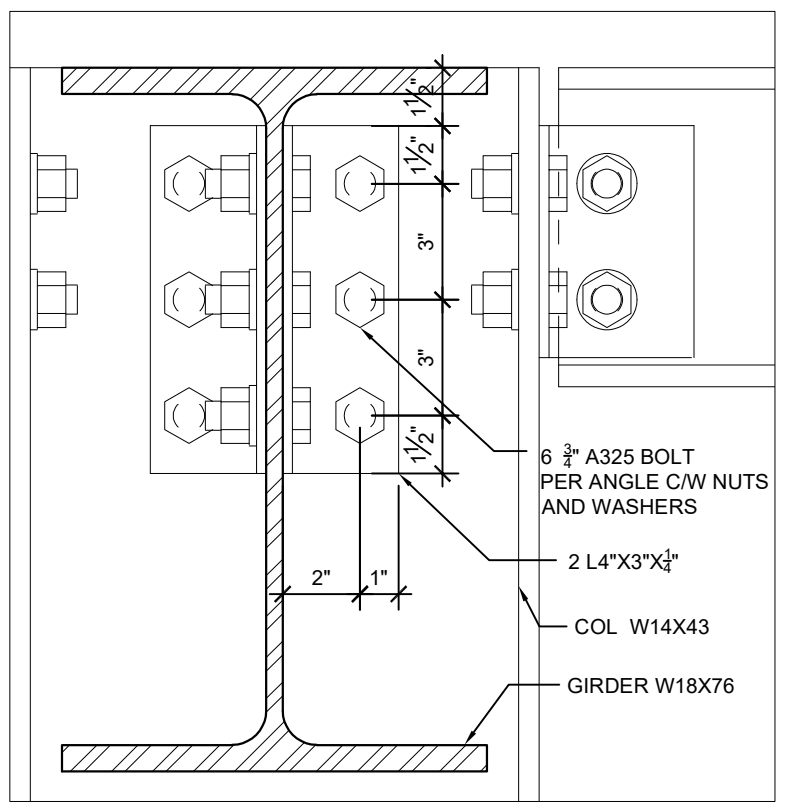
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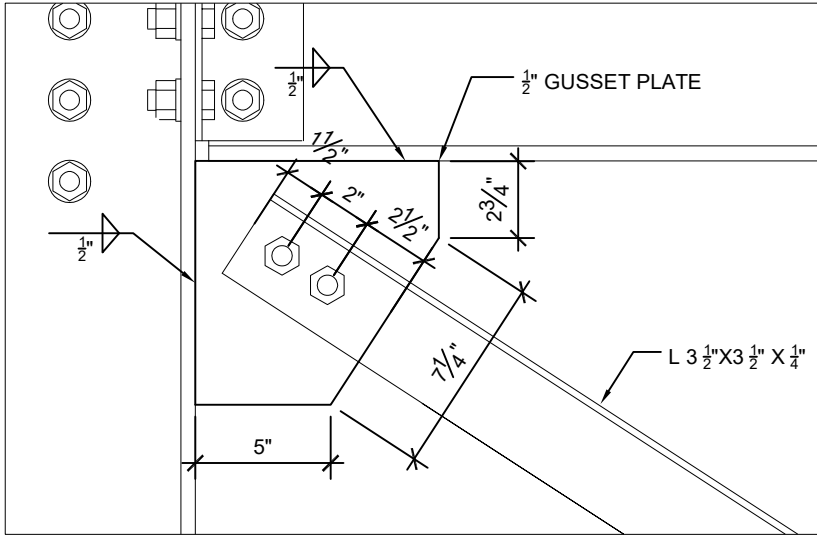
1 TYP. JOIST TO COLUMN DETAIL  
S6 1:5



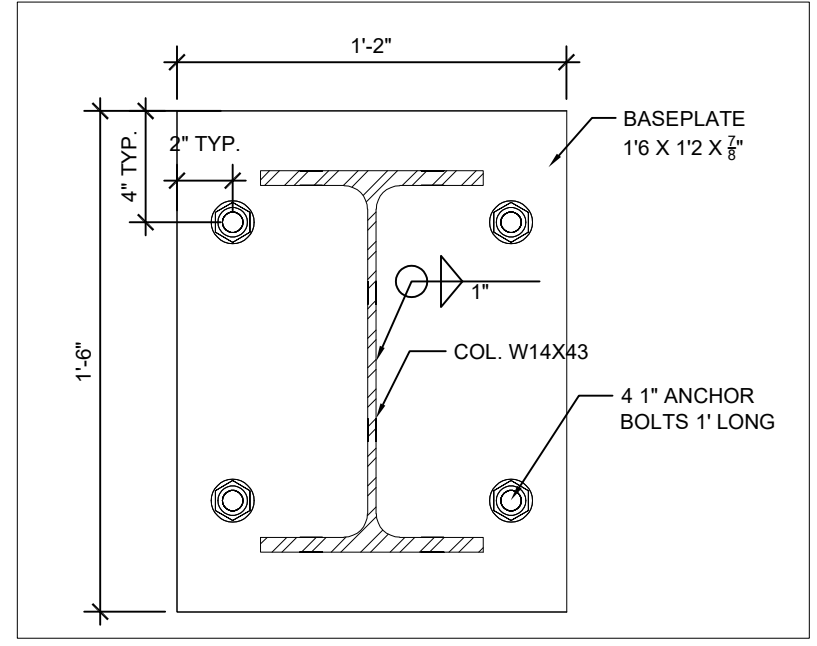
2 TYP. JOIST TO GIRDER DETAIL  
S6 1:5



3 TYP. GIRDER TO COLUMN DETAIL  
S6 1:5



4 TYP. BRACING DETAIL  
S6 1:7



5 TYP. BASEPLATE DETAIL  
S6 1:7

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