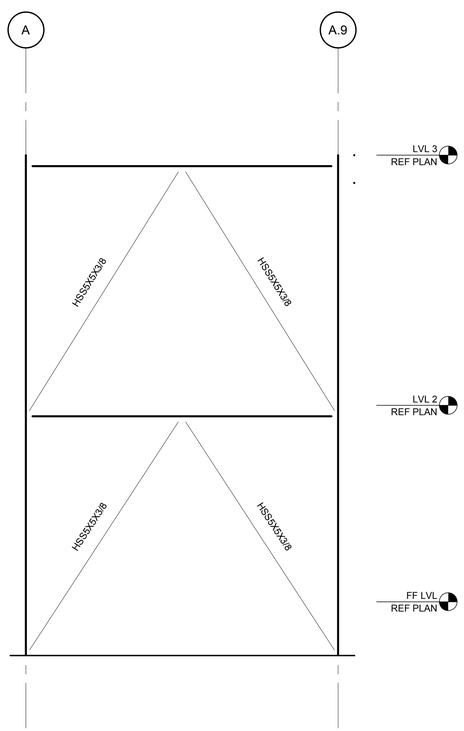
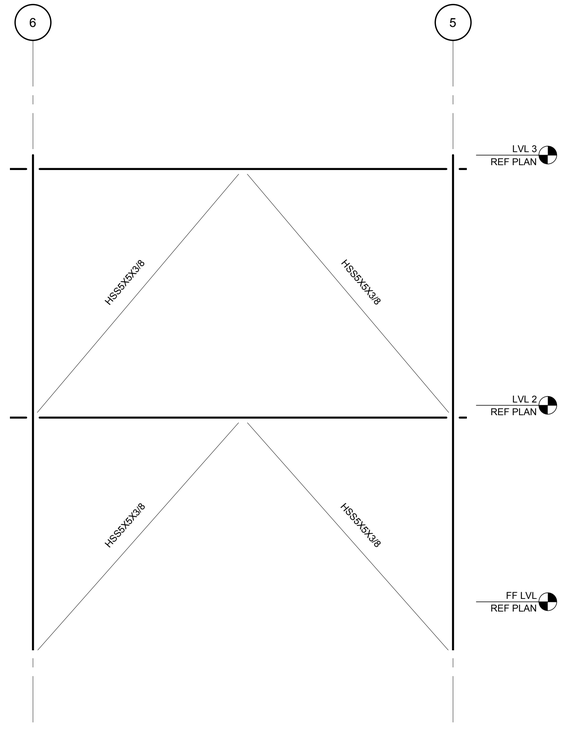


5 BRACE FRAME ELEVATION
1/4" = 1'-0"

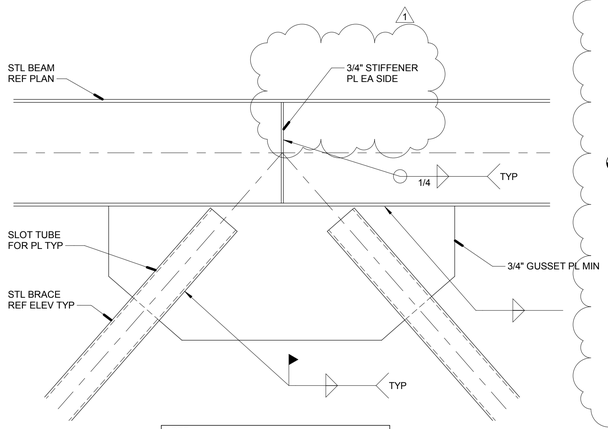


4 BRACE FRAME ELEVATION
1/4" = 1'-0"

WIND/LATERAL BRACE NOTES

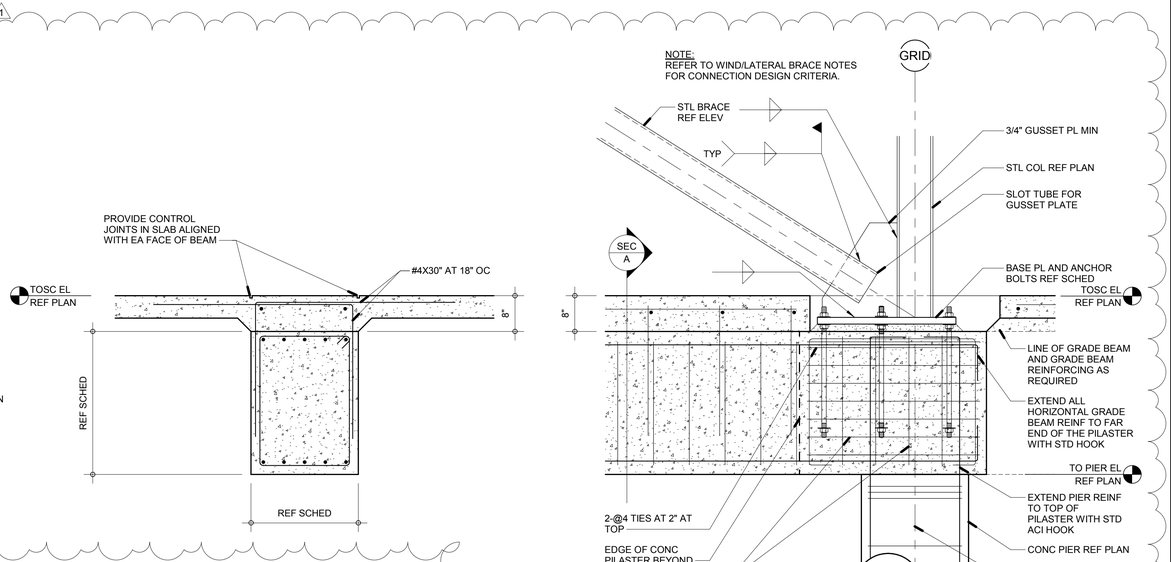
1. DESIGN CONNECTIONS FOR FORCES SHOWN ON BRACE ELEVATIONS, WHERE FORCES ARE NOT GIVEN, DESIGN FOR THE TENSILE CAPACITY OF THE DIAGONAL MEMBERS.
2. ALL WELDS AND GUSSET PLATES SHALL BE DESIGNED BY THE FABRICATOR FOR SHEAR, TENSION, AND ECCENTRICITIES OF FORCES. DESIGN CONNECTIONS USING THE UNIFORM FORCE METHOD PER AISC MANUAL. ASSUMING THE WORKING POINT (W.P.) IS LOCATED AT THE INTERSECTION OF COLUMN AND BEAM CENTERLINES. CHECK TENSION, FLEXURAL, AND RUPTURE CAPACITY OF GUSSET PLATES. AS A MINIMUM, WELDS OF GUSSET PLATES TO BASE PLATES TO BE DESIGNED FOR HORIZONTAL COMPONENT OF DIAGONAL BRACE FORCE. EXTEND BASE PLATE IF REQ'D TO MATCH WELD LENGTH.
3. ALL CALCULATIONS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS, AND SHALL BE SEALED BY A REGISTERED ENGINEER VERIFYING THE CAPACITY OF EACH CONNECTION.
4. SEE SPECIFIC BRACE ELEVATIONS FOR TYPE OF DIAGONAL MEMBERS.

3 WIND LATERAL BRACE NOTES
12" = 1'-0"



NOTE:
REFER TO WIND/LATERAL BRACE NOTES FOR CONNECTION DESIGN CRITERIA.

2 TYPICAL BRACE DETAIL
3/4" = 1'-0"



1 TYPICAL BRACED FRAME AT PIER CAP
3/4" = 1'-0"

PLOT DATE: 8/26/2019 5:09:27 PM TEMPLATE VERSION:

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18106 FIRST BEND DR.
CYPRESS, TX. 77433
O:832.422.9350

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LICENSED
PROFESSIONAL ENGINEER

08/26/2019

TEXAS REGISTERED ENGINEERING FIRM F-17306

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PROJECT: 002-1029.19.00
DRAWN BY: Author
CHECKED BY: Checker
DRAWING SCALE: AS NOTED

REVISION

NO.	DESCRIPTION	DATE
1	ADDENDUM 2	08/26/2019

DATE
08.26.2019

ISSUE
PERMIT SET

BUILDING TITLE
GH SCHOOL
4724 N MAIN STREET

SHEET TITLE
TYPICAL WIND BRACING DETAILS

SHEET NO.
S201