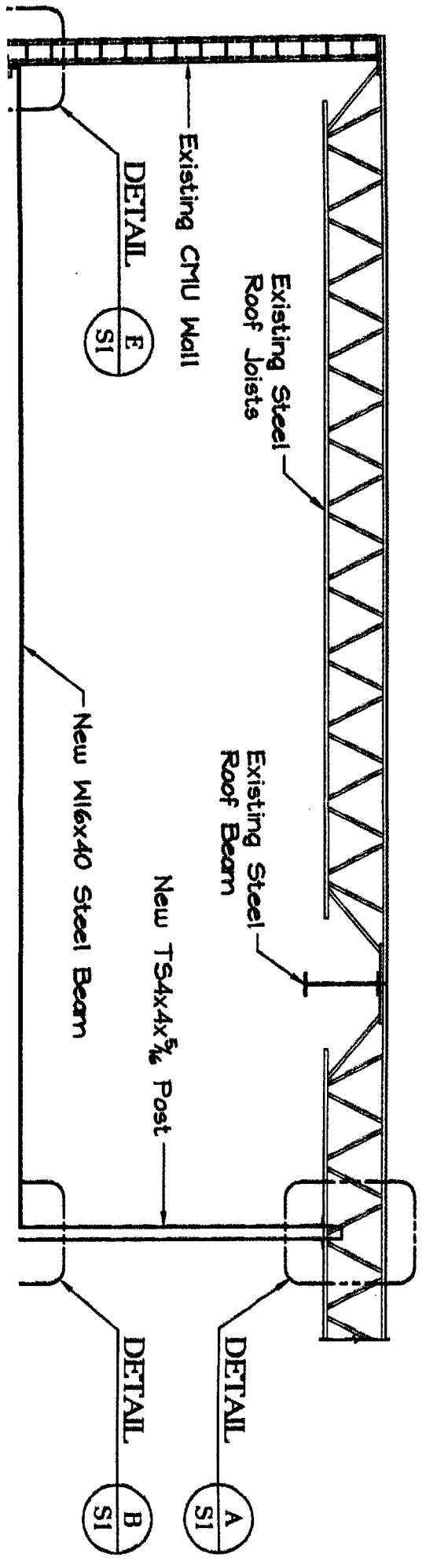
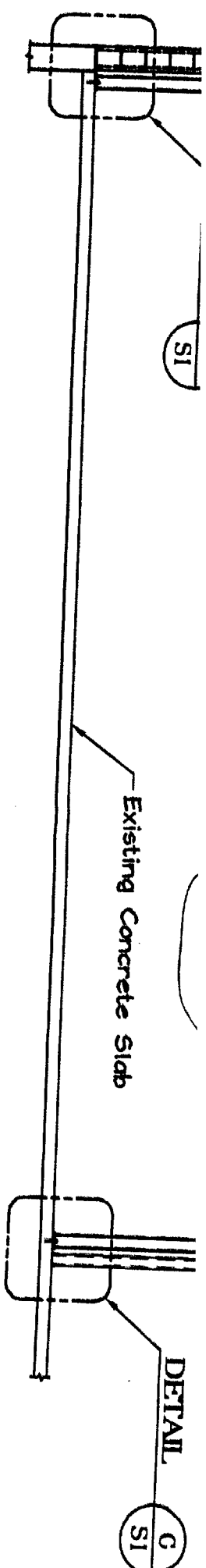


**ELEVATION - NEW BEAM FOR OPERABLE PARTITION (LOCATION # 1)**

SCALE: 1/4" = 1'-0"





**ELEVATION - NEW BEAM FOR OPERABLE PARTITION LOCATION #2)**  
 SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
2. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
3. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE STRUCTURE AND PERSONNEL DURING ERECTION. THIS INCLUDES THE ADDITION OF THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
4. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

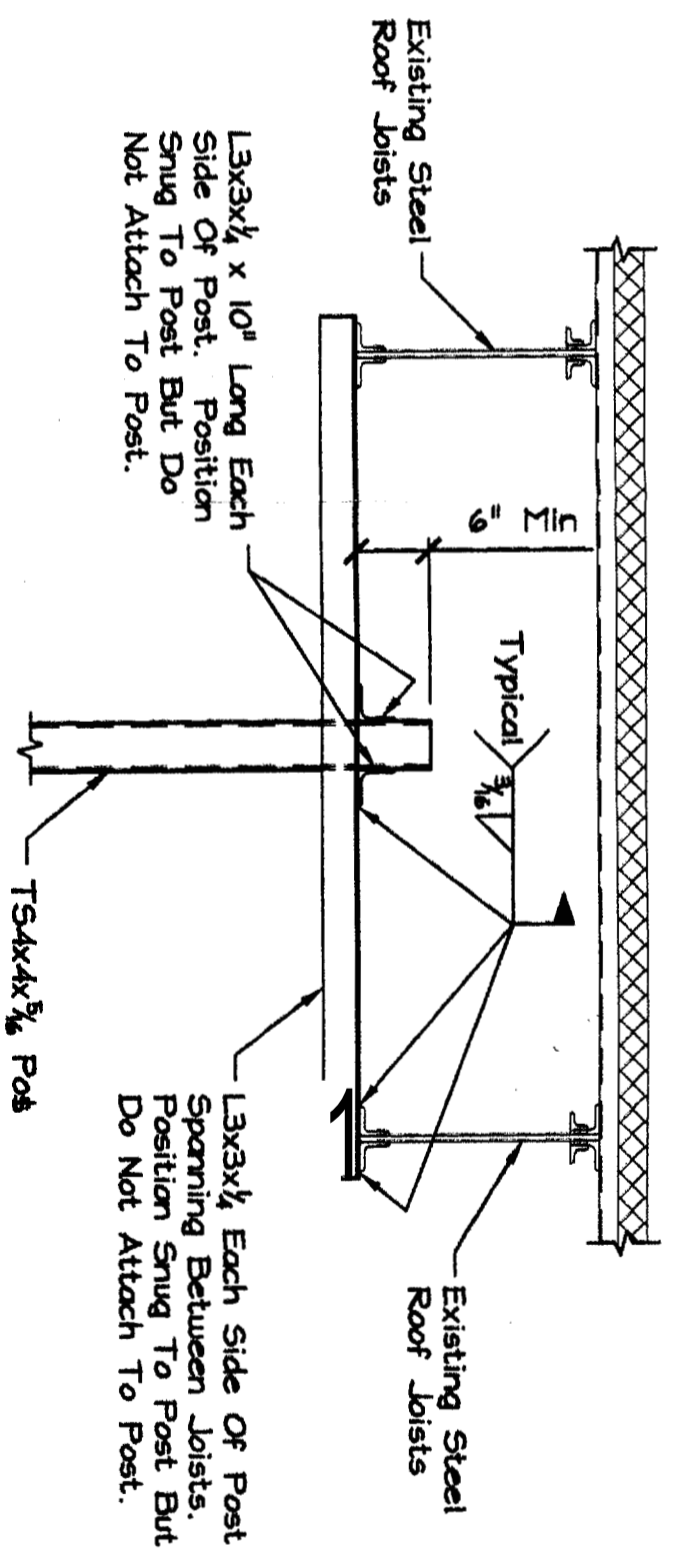
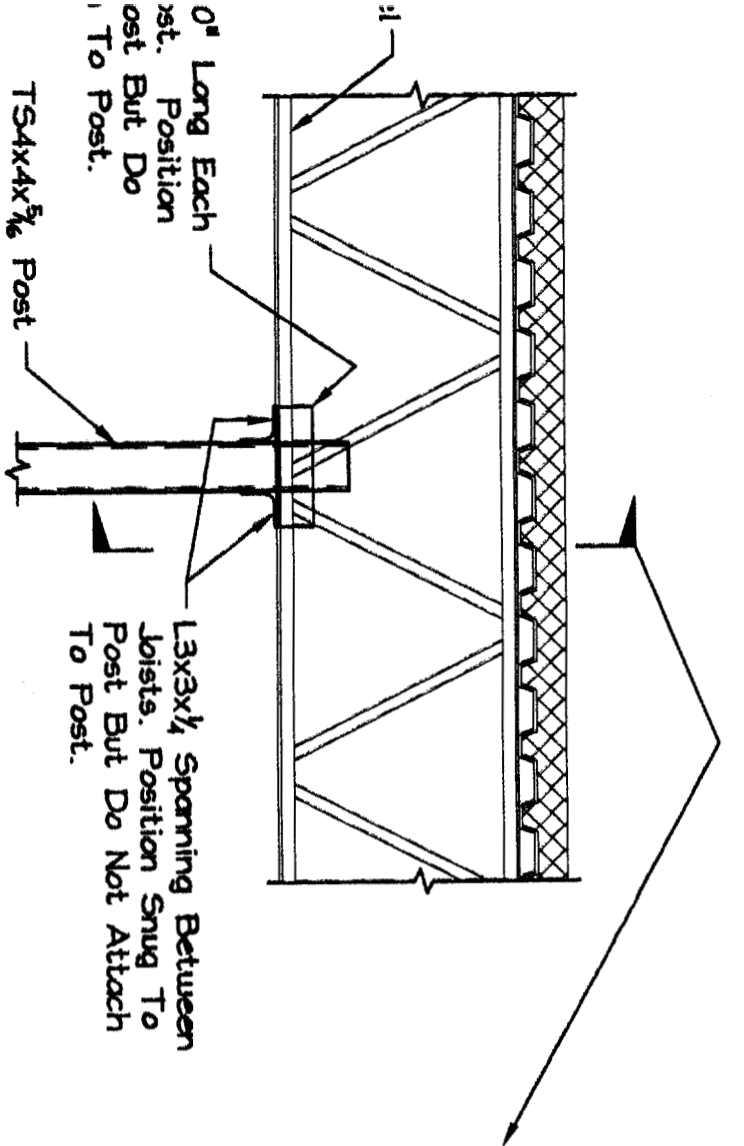
**STRUCTURAL STEEL NOTES - GENERAL**

1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE 9th EDITION, FABRICATION, AND ERECTION OF STRUCTURAL STEEL"
2. ALL STEEL WIDE FLANGE SHAPES TO BE A572/A992 50 KSI AND STEEL PLATES TO BE ASTM A36 UNLESS NOTED OTHERWISE.
3. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B. STEEL PIPES SHALL BE A53, GRADE B
4. ALL BOLTED CONNECTIONS SHALL BE MADE WITH 3/4" ASTM A325 HIGH STRENGTH BOLTS.
5. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 - LATEST EDITION. ALL WELDS SHALL BE MADE WITH E70XX ELECTRODES.
6. STEEL BEAMS AND COLUMNS SHALL BE CUT FROM FULL LENGTH STOCK. UNAUTHORIZED SPLICES WILL BE CAUSE FOR REJECTION.
7. STRUCTURAL STEEL SHALL BE PAINTED WITH A SHOP APPLIED COAT OF THE FABRICATOR'S RUST INHIBITIVE PRIMER.

**DESIGN CRITERIA**

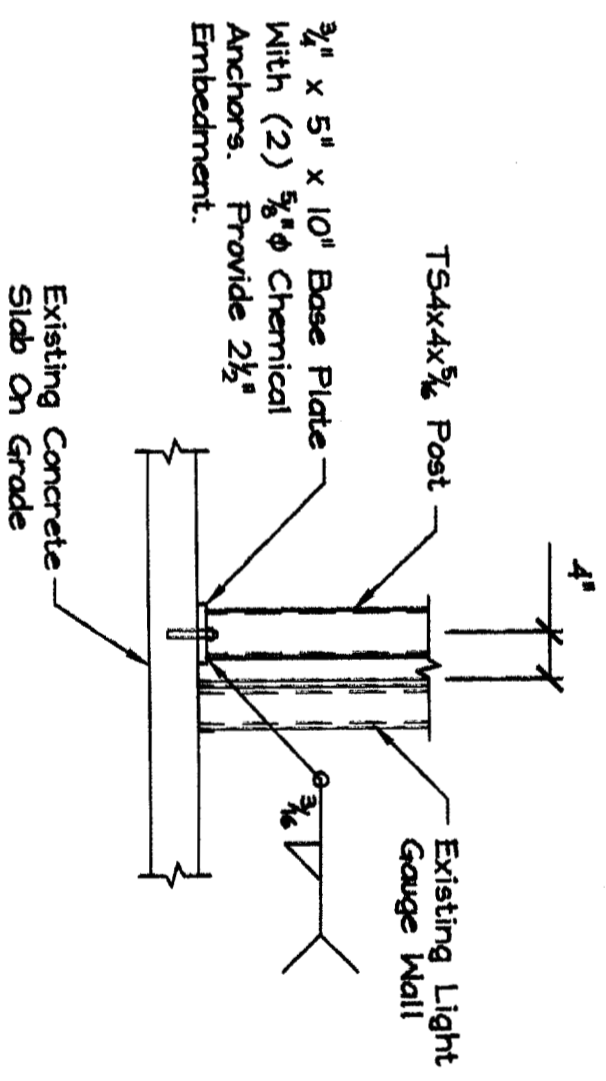
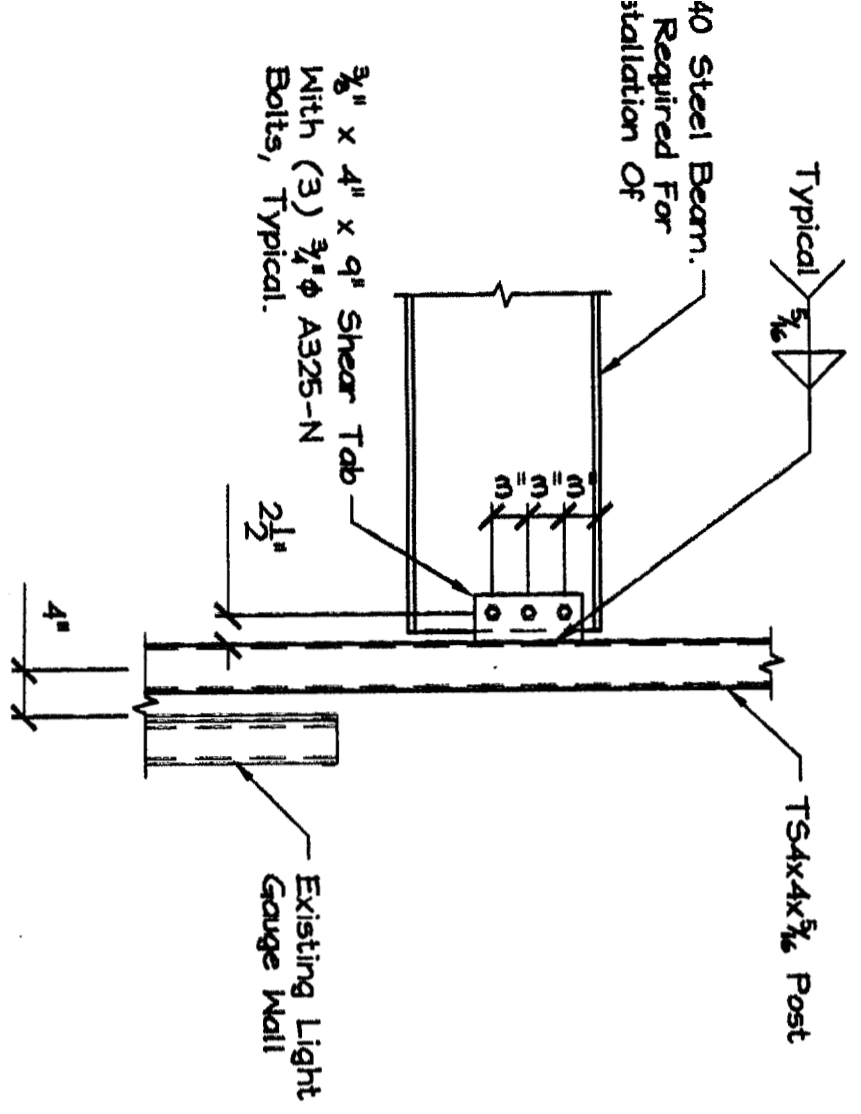
1. DESIGN BASED ON A PARTITION WEIGHT OF 10 PSF AND A PARTITION HEIGHT OF 10'-0" FOR A TOTAL STACKED WEIGHT = 3400 POUNDS. IF A TALLER/HEAVIER PARTITION IS GOING TO BE USED, CONTACT THE ENGINEER BEFORE PROCEEDING ANY FURTHER.
2. APPROXIMATE MAXIMUM BEAM DEFLECTION UNDER LOADS INDICATED ABOVE = 3/8". CONTACT ENGINEER IF THIS DEFLECTION DOES NOT MEET THE MANUFACTURER'S SPECIFICATIONS.
3. DO NOT STORE PARTITION AT END OF BEAM.

Attach  
 (2) 3/4"  
 Chemic  
 Angle.



DETAIL

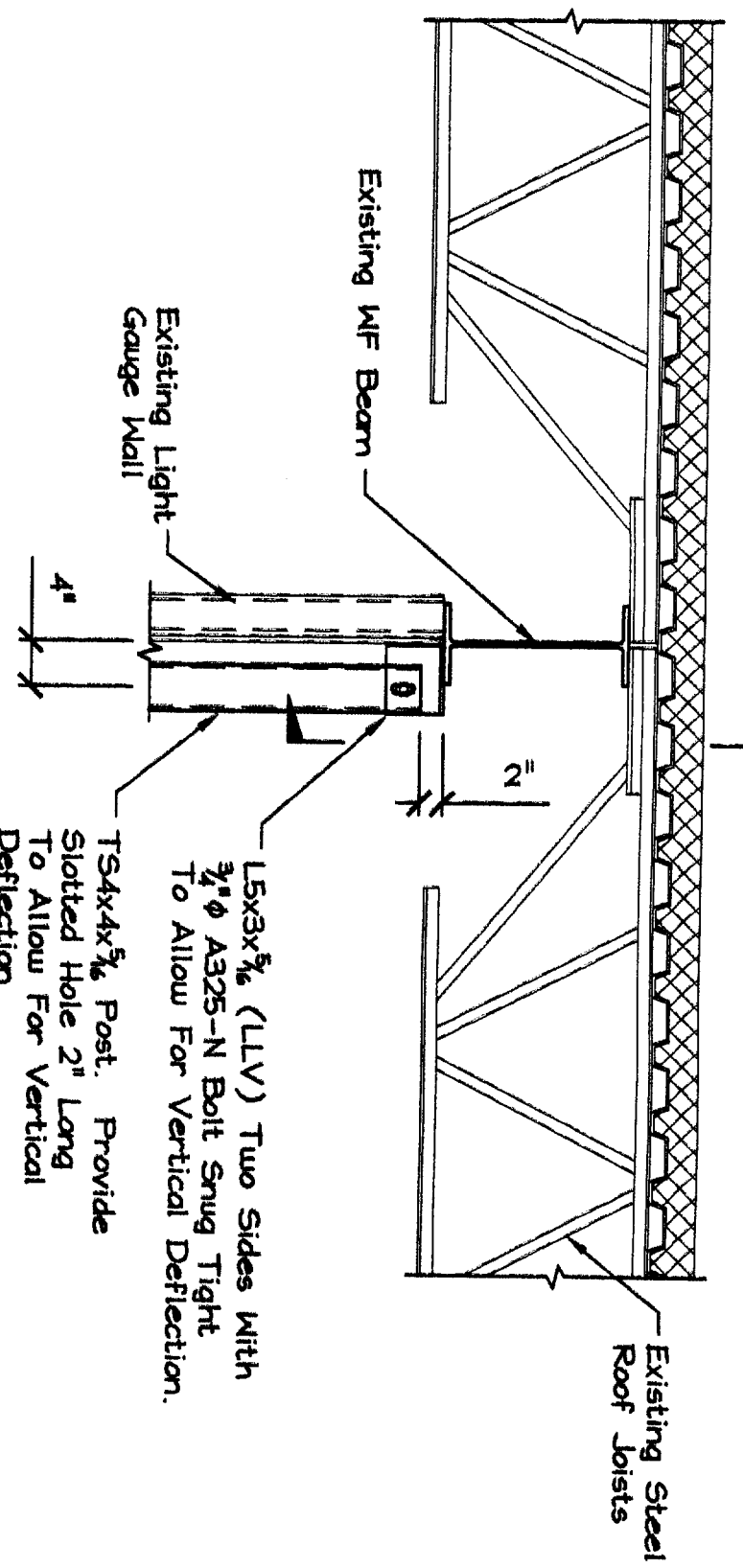
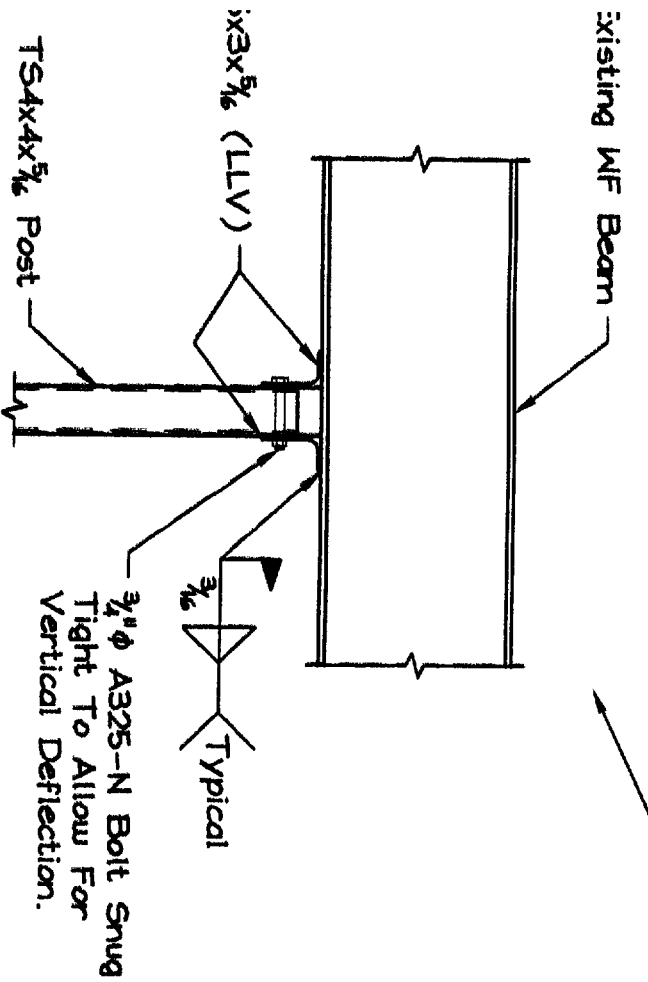
SCALE: 3/4" = 1'-0"



BUILDING  
PARTITION  
TEAM

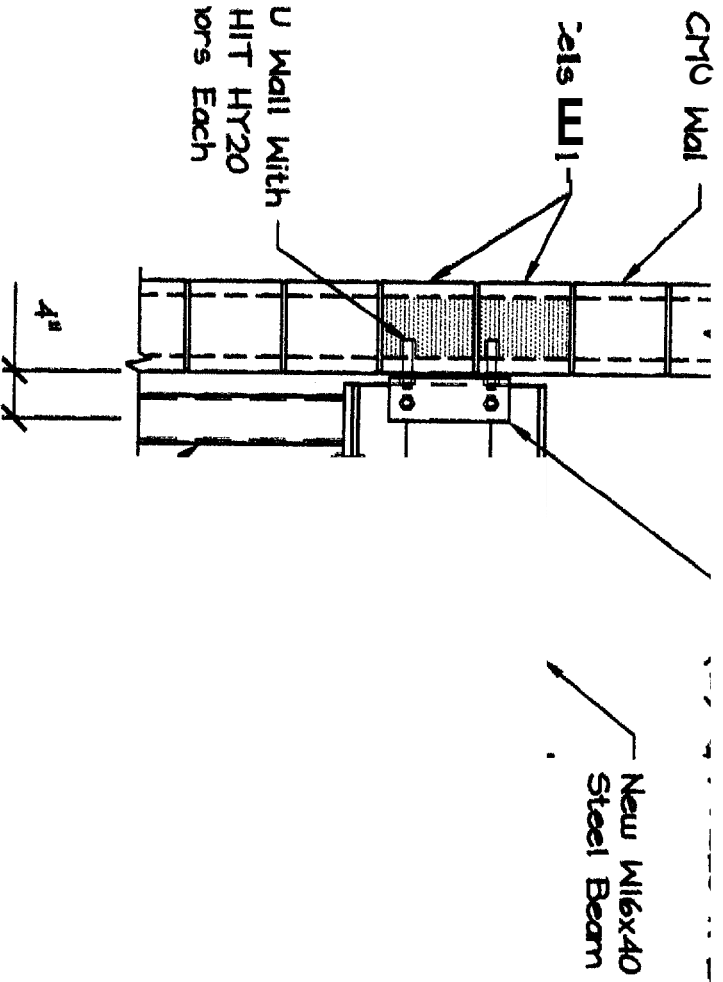
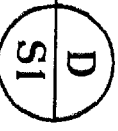
DRN BY:	PHF
CHK'D BY:	TGS
DATE:	AUGUST 3, 2006
SCALE:	AS NOTED
JOB NO.:	2006-147

THIS DRAWING IS ISSUED		
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CURRENT REVISION		
#	DATE	DESCRIPTION
1	08-03-06	FOR CONSTRUCTION



DETAIL

SCALE: 3/4" = 1'-0"



DETAIL

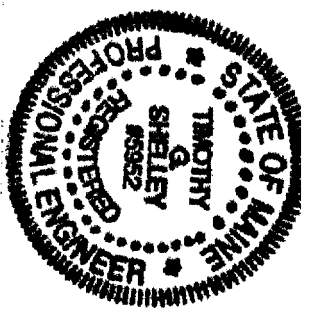
SCALE: 3/4" = 1'-0"



TIME WARN.  
OPERABLE  
SUPPOE

PORTLAND

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STRUCTURAL CONSULTANTS  
90 BRIDGE STREET  
WESTBROOK, MAINE 04092  
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SHEET TITLE:

S1 OF 1