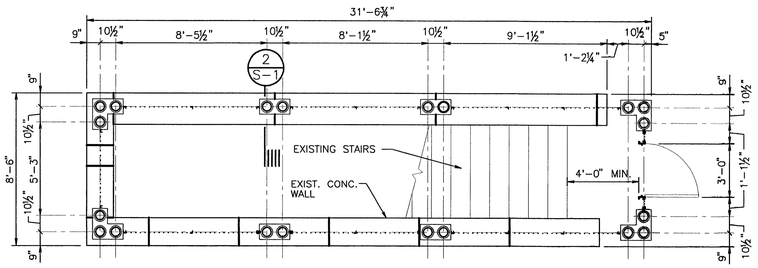
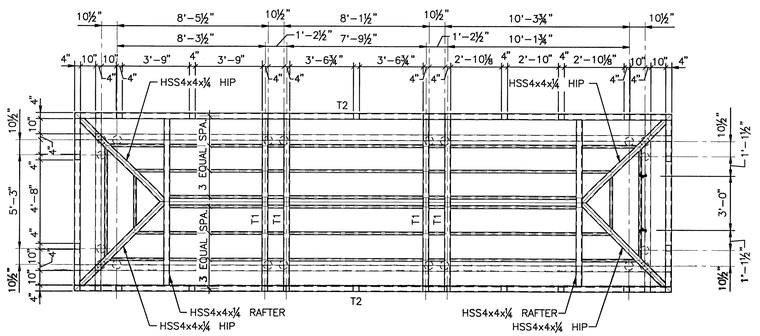


NORTH

FOUNDATION PLAN

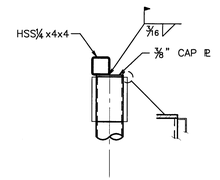
SCALE ¼"=1'-0"



NORTH

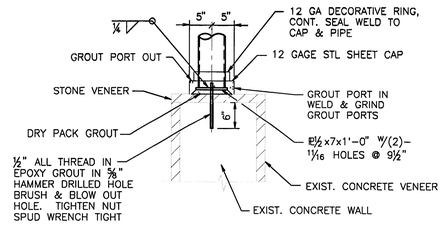
FRAMING PLAN

SCALE ¼"=1'-0"



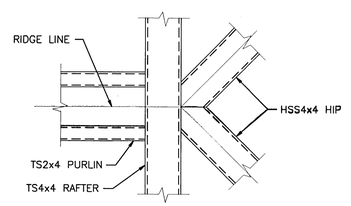
DETAIL

SCALE ¾"=1'-0" (1 / S-1)



SECTION

SCALE ¾"=1'-0" (2 / S-1)



SECTION

SCALE ¾"=1'-0" (3 / S-1)

GENERAL NOTES:

I GENERAL:

A. GOVERNING CODES
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES, INCLUDING FIRE CODES
2. INTERNATIONAL BUILDING CODE, 2003.
3. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318-99.
4. SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, ACI STANDARD 301- LATEST.
5. A.I.S.C. SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, NINTH EDITION.

B. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOBSITE. THE CONTRACOR SHALL COMPARE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND ALL OTHER PROJECT DRAWINGS BEFORE COMMENCING THE WORK AND SHALL NOTIFY THE ENGINEER OF ANY DESCREPANCIES REQUIRING CLARIFICATION OR REVISION.

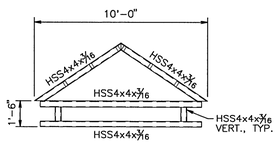
II DEMOLITION:
1. DEMOLITION AS REQUIRED SHALL BE DONE IN A SAFE AND ORGANIZED MANNER. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AS DIRECTED.

III STRUCTURAL STEEL:
1. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE STANDARD PRACTICES OF THE AISC.
2. ALL WELDS SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY BY AWS CERTIFIED WELDERS FOR THE WELDS PERFORMED.
3. FIELD AND SHOP CONNECTIONS SHALL BE ¾" DIAMETER HIGH STRENGTH BOLTS OR EQUIVALENT WELD.
4. PROVIDE TEMPORARY BRACING AS REQUIRED TO MAINTAIN ALIGNMENT AND SECURITY OF STRUCTURES DURING CONSTRUCTION.

VI DESIGN LOADS

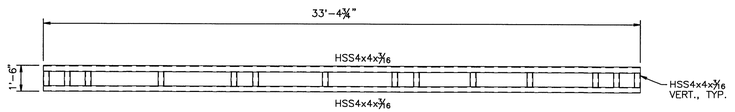
A. DISTRIBUTED LIVE LOADS
ROOF 20 PSF
FLOOR SLAB 500 PSF

B. WIND & SEISMIC LOADS:
STANDARD BUILDING CODE - 1999 EDITION
BASIC WIND SPEED = 70 MPH
JOIST NET UPLIFT = 10 PSF
PEAK VELOCITY, Av = 0.199
PEAK ACCELERATION, Aa = 0.199
SHEG = 1
PERFORMANCE GROUP = C
SOIL PROFILE TYPE =1.5
STEEL MOMENT RESISTING FRAME
R=4.5 Cd=4.0
EQUIVALENT LATERAL FORCE PROCEDURE



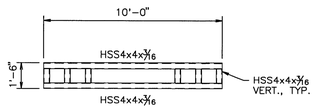
TRUSS T1 ELEVATION

SCALE ¼"=1'-0"



TRUSS T2 ELEVATION

SCALE ¼"=1'-0"



TRUSS T3 ELEVATION

SCALE ¼"=1'-0"

BIGHAM ROOF CONSULTING
9160 Hwy 64 Ste 12 PMB 135, Lakeland, TN 38002
(901)606-8254 fax (901)465-8039 jbigham@bighamroof.com

SCALE: AS SHOWN	APPROVED BY: GRH	DRAWN BY: LF	
DATE: 11-15-10		JOB NO. 09-034	

CIVIC CENTER STAIR COVER

J.P. THOMAS & ASSOCIATES
STRUCTURAL/CIVIL ENGINEERS - SURVEYORS
3440 MACON ROAD
MEMPHIS, TN. 38122
Office (901)458-8784
Fax (901)458-8871

DRAWING NO. S-1