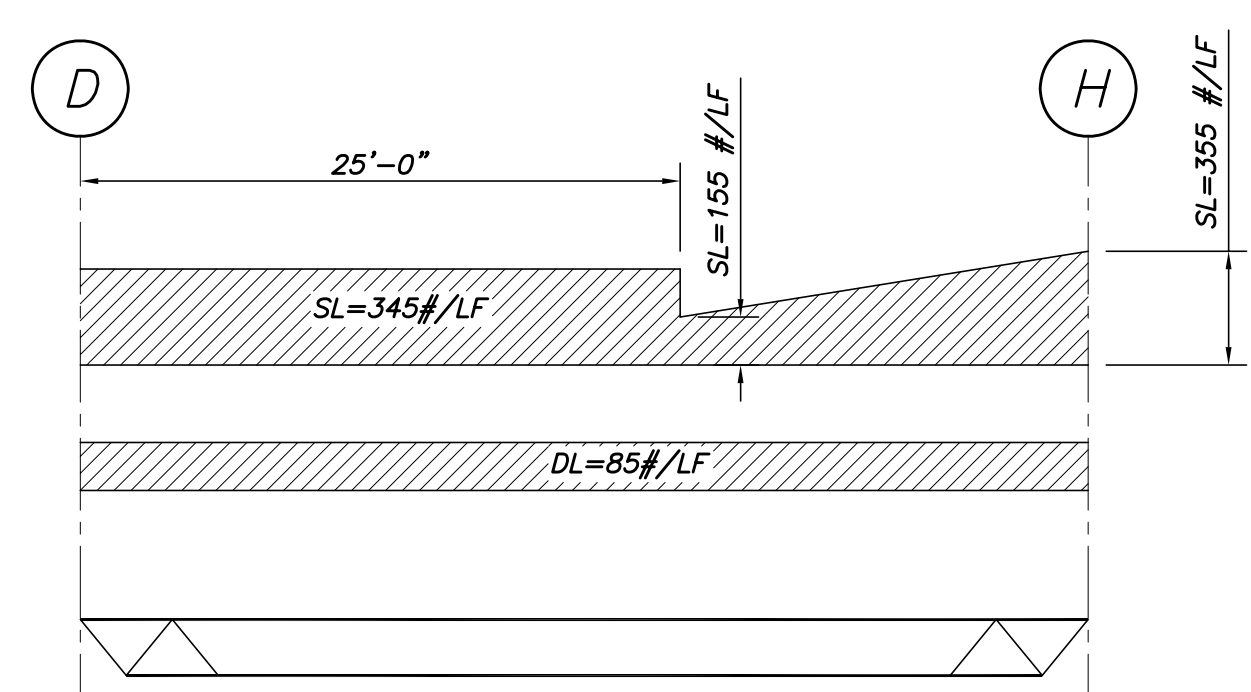


28LH07SP1 LOAD DIAGRAM



28LH07SP2 LOAD DIAGRAM

**MAIN ROOF & PENTHOUSE FLOOR FRAMING PLAN**  
1/8"=1'-0"

- NOTES:**
- INDICATES DIRECTION OF 6 1/2" NORMAL WEIGHT CONCRETE SLAB ON 3VL 20GA GALVANIZED METAL DECK (3 1/2" CONCRETE FILL OVER 3" DECK, 3 SPAN MIN), U.N.O. PROVIDE 6x6-W2.1xW2.1 W.W.F. TOP OF SLAB EL. 234'-6 1/2" @ H.P. CONC. THICKNESS IS MINIMUM. PROVIDE SUFFICIENT CONC TO ACCOUNT FOR STRUCTURE DEFLECTION. SEE SPECS.
  - TOP OF STEEL EL. 233'-7" U.N.O.
  - [XX], ETC INDICATES 3/4"x5 1/2" LG HEADED SHEAR STUDS SPACED UNIFORMLY ALONG BEAM OR BTWN CONCENTRATED LOADS (U.N.O.).
  - INDICATES BRACING. SEE BRACING ELEVATIONS DWG S1.11 & S.12.
  - INDICATES MOMENT CONNECTION. SEE DETAILS.
  - REINFORCE CONC SLABS AROUND ALL FLOOR PENETRATIONS PER TYPICAL DETAILS DWG S3.1, U.N.O. COORD ALL OPENING SIZES & LOCATIONS W/ARCH & OTHER DISCIPLINES DWGS.
  - UNLESS NOTED OTHERWISE, BEAMS OR JOISTS TO BE PLACED AT EQUAL SPACES BETWEEN COL LINES.
  - FOR COMPOSITE BEAM END REACTIONS, SEE SIMPLE SHEAR BEAM CONNECTION SCHEDULE, DWG S3.1.
  - FOR COLUMN SIZES, SEE COLUMN SCHEDULE, DWG S1.13.
  - INDICATES DIRECTION OF 1 1/2" TYPE B 20GA PAINTED METAL DECK (3 SPAN MIN).
  - JOIST MANUFACTURER SHALL DESIGN THE JOIST BRIDGING SYSTEM TO MEET THE REQUIREMENTS OF THE STEEL JOIST INSTITUTE.
  - INDICATES 5" JOIST SEAT ON "K" SERIES JOIST.
  - INDICATES DIMENSION AT ROOF TOP EQUIPMENT TO BE COORD BY G.C.
  - (M) INDICATES ELEVATOR MACHINE BEAM. G.C. COORD LOCATIONS WITH ELEVATOR MANUF. PROVIDE FIELD WELDED CONNECTIONS TO SUPPORTING GIRDER FOR ADJUSTMENT BY ELEVATOR MANUF.

07.30.07	100% SUPERSTRUCTURE SET
07.23.07	REVIEW SET
06.11.07	ISSUED FOR P2/P3/P4 STEEL DETAILING
03.16.07	100% SUPERSTRUCTURE DESIGN
Mark	Date Description
Issue Dates	

Drawing Status  
**100% SUPERSTRUCTURE SET**

Drawing Title  
**MAIN ROOF & PENTHOUSE FLOOR FRAMING PLAN**

PA / PE: EAR Drawn By: CHF

Drawing Number  
**S1.10**