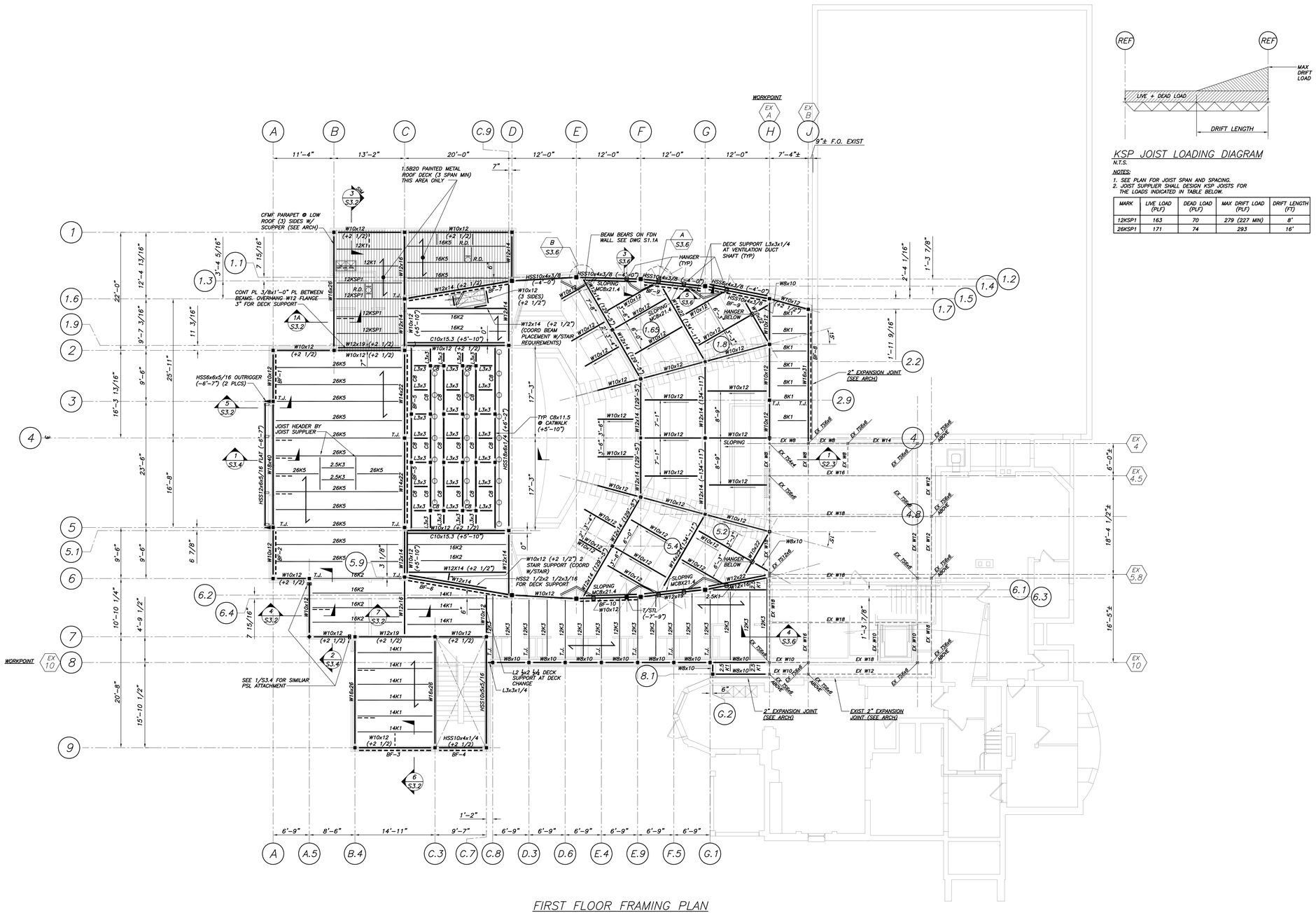

KSP JOIST LOADING DIAGRAM

N.T.S.

NOTES:

1. SEE PLAN FOR JOIST SPAN AND SPACING.
2. JOIST SUPPLIER SHALL DESIGN KSP JOISTS FOR THE LOADS INDICATED IN TABLE BELOW.

MARK	LIVE LOAD (PLF)	DEAD LOAD (PLF)	MAX DRIFT LOAD (PLF)	DRIFT LENGTH (FT)
12KSP1	163	70	279 (227 MIN)	8'
26KSP1	171	74	293	16'

FIRST FLOOR FRAMING PLAN

1/8"=1'-0"

NOTES:

1. FLOOR CONSTRUCTION CONSISTS OF A 3 1/2" NORMAL WEIGHT CONCRETE SLAB ON 1.5VLI 22GA GALVANIZED METAL DECK. (2" CONCRETE FILL OVER 1 1/2" DECK). PROVIDE 6x6-W1.4xW1.4 W.W.F. FLOOR CONSTRUCTION AT SEATING RISERS CONSISTS OF A 5 1/2" NORMAL WEIGHT CONCRETE SLAB ON 3VLI18 GALV METAL DECK (2 1/2 CONCRETE FILL OVER 3" DECK) PROVIDE 6x6-W1.4xW1.4 W.W.F.
2. TOP OF CONCRETE SLAB EL 142'-0" U.N.O. NOTE: TOP OF SLAB EL BASED ON EXIST TOP OF SLAB EL. G.C. VERIFY IN FIELD AND ADJUST IF REQD.
3. TOP OF STEEL EL 141'-6" U.N.O. BY (+2 1/2), (-5), ETC.
4. INDICATES BRACING. SEE BRACING ELEVATIONS, DWG S1.6.
5. INDICATES MOMENT CONNECTION. SEE DETAILS DWG S3.1.
6. INDICATES DECK SPAN.
7. T.J. INDICATES TIE JOIST.
8. JOIST BRIDGING PER STEEL JOIST INSTITUTE.
9. ALL STAIR STRUCTURES SHALL BE DESIGNED BY THE STRUCTURAL STEEL FABRICATOR IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE. STAIRS AND LANDINGS SHALL BE DESIGNED FOR A 100 PSF LIVE LOAD. COORDINATE ALL DETAILS WITH ARCHITECTURAL DRAWINGS AND SUBMIT FABRICATION DRAWINGS FOR REVIEW.
10. C8 INDICATES C8x11.5

PLAN NORTH

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PROJECT

WAYNFLETE ARTS CENTER
PHASE TWO

ADDITION/ RENOVATION
360 SPRING STREET
PORTLAND, ME

TITLE

FIRST FLOOR FRAMING PLAN

STATUS: ISSUED FOR BIDDING

DATE: 09.07.2007	REVISION /DATE:
NOTED	
PROJECT NO. 2003-0040.00	
DRAWN BY: APP	

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DWG NO.

S1.2