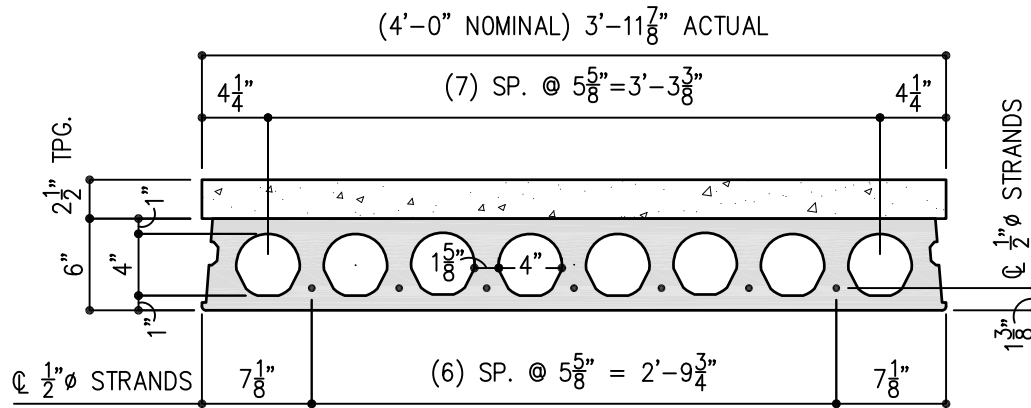




6" DYNACORE™ PLANK DC6



NOTES:

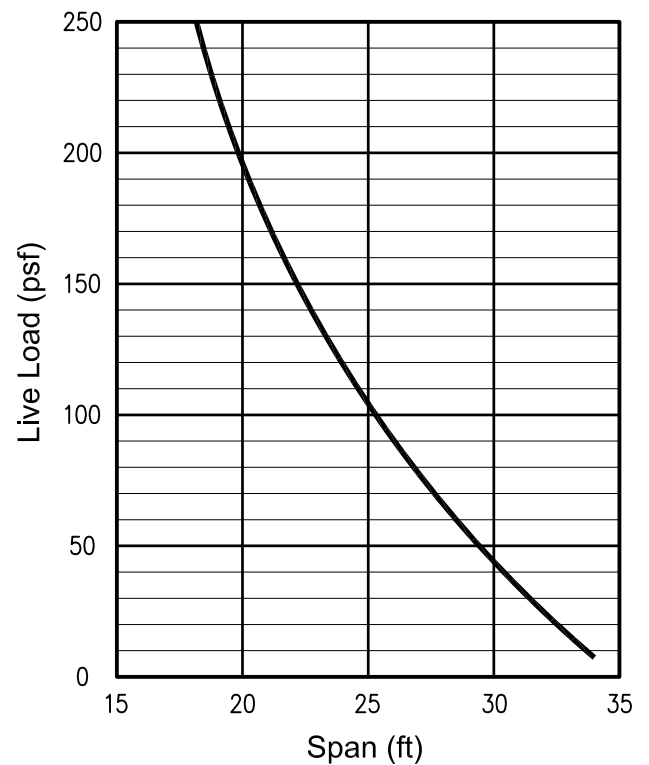
- LOAD/SPAN TABLE: ALLOWABLE LIVE LOAD CAPACITY SHOWN IS IN ADDITION TO SDL OF 15 PSF. SPANS SHOWN ARE FOR UNSHORED CONSTRUCTION. (SEE DESIGN COMMENTARY)
- DYNACORE IS AN EXTRUDED PRODUCT AND HAS NO MILD STEEL REINFORCING, CAST-IN EMBEDS OR PLATES.
- CONCRETE DESIGN STRENGTHS WELL IN EXCESS OF 6000 psi MAY BE USED FOR EXTRUDED PRODUCT. PLEASE CONSULT GPRM Prestress.
- SECTION PROPERTIES ARE FOR UNGROUTED SECTIONS. IT IS COMMON PRACTICE TO IGNORE THE GROUT KEY IN SPAN DESIGN ANALYSIS. ie USE A FULL 4'-0" WIDE SECTION.
- THE EXTRUSION PROCESS PRODUCES A MACHINE FINISHED TOP SURFACE THAT DOES NOT RECEIVE ADDITIONAL ROUGHENING. PER ACI 318, THE DESIGN OF HOLLOWCORE SLABS FOR COMPOSITE ACTION IS USUALLY LIMITED TO A HORIZONTAL SHEAR STRENGTH OF 80 psi. FULL SCALE TESTING HAS CONFIRMED THIS SURFACE MEETS THESE REQUIREMENTS.

DYNACORE IS A REGISTERED TRADEMARK OF DYNACORE EQUIPMENT Ltd.

SECTION PROPERTIES

	A in ²	I in ⁴	Y _b in	Y _t in	bw in	WT plf	WT psf
STANDARD UNIT	172	698	2.92	3.08	13.3	185	47
COMPOSITE UNIT	270	1919	4.49	1.51	-	314	79

LOAD / SPAN TABLE



ISSUED:

REVISED:

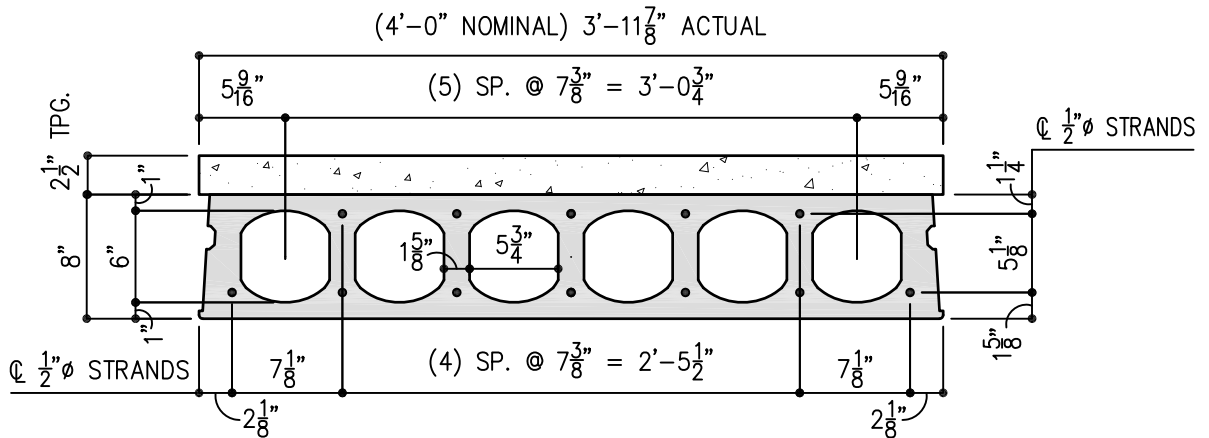
HAWAII DYNACORE™ PLANK

SHEET:

DC6



8" DYNACORE™ PLANK DC8



NOTES:

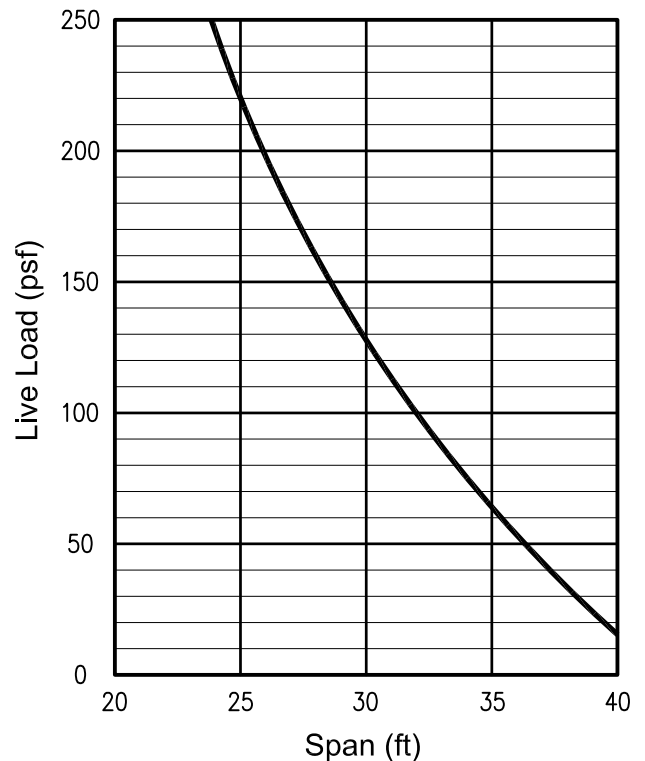
1. LOAD/SPAN TABLE: ALLOWABLE LIVE LOAD CAPACITY SHOWN IS IN ADDITION TO SDL OF 15 PSF. SPANS SHOWN ARE FOR UNSHORED CONSTRUCTION. (SEE DESIGN COMMENTARY)
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5. THE EXTRUSION PROCESS PRODUCES A MACHINE FINISHED TOP SURFACE THAT DOES NOT RECEIVE ADDITIONAL ROUGHENING. PER ACI 318, THE DESIGN OF HOLLOWCORE SLABS FOR COMPOSITE ACTION IS USUALLY LIMITED TO A HORIZONTAL SHEAR STRENGTH OF 80 psi. FULL SCALE TESTING HAS CONFIRMED THIS SURFACE MEETS THESE REQUIREMENTS.

DYNACORE IS A REGISTERED TRADEMARK OF DYNACORE EQUIPMENT Ltd.

SECTION PROPERTIES

	A in ²	I in ⁴	Y _b in	Y _t in	bw in	WT plf	WT psf
STANDARD UNIT	198	1587	3.95	4.05	12	213	53
COMPOSITE UNIT	296	3479	5.70	2.30	-	342	86

LOAD / SPAN TABLE



ISSUED:

REVISED:

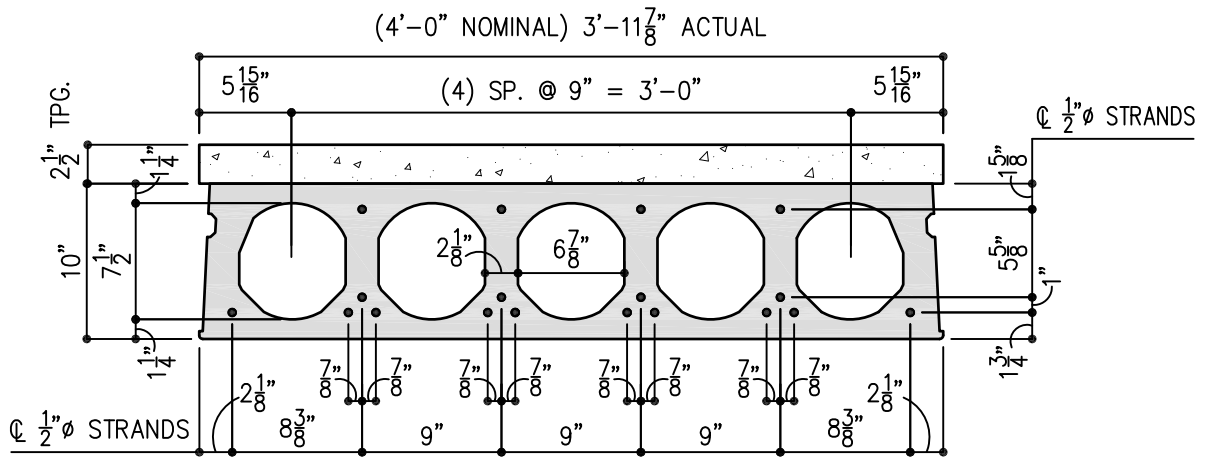
HAWAII DYNACORE™ PLANK

SHEET:

DC8



10" DYNACORE™ PLANK DC10



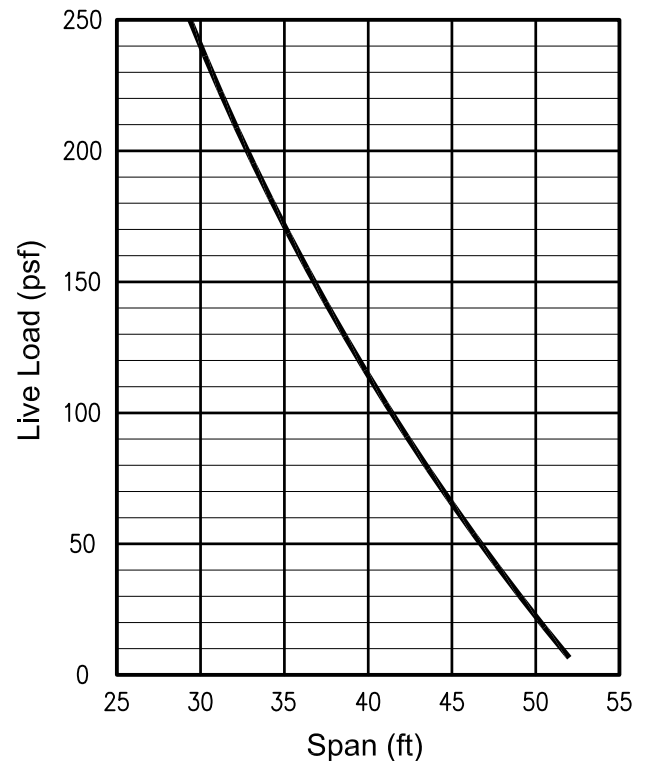
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1. LOAD/SPAN TABLE: ALLOWABLE LIVE LOAD CAPACITY SHOWN IS IN ADDITION TO SDL OF 15 PSF. SPANS SHOWN ARE FOR UNSHORED CONSTRUCTION. (SEE DESIGN COMMENTARY)
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SECTION PROPERTIES

	A in ²	I in ⁴	Y _b in	Y _t in	bw in	WT plf	WT psf
STANDARD UNIT	257	3145	4.9	5.1	13	277	69
COMPOSITE UNIT	355	6056	6.65	3.35	-	406	102

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ISSUED:

REVISED:

HAWAII DYNACORE™ PLANK

SHEET:

DC10