

ASD - Downward Load Combinations
20 PSF Ground Snow Load

DL=	5
LL=	0
LLr=	20
S=	15.12
.6W=	4.25
.7Eq=	

Greatest, Lr or S= 20

Greatest, .6W or .7Eq= 4.25

D+L	5
D+(Lr or S)	25
D+.75L+.75(Lr or S)	20
D+(.6W or .6E)	9.25
.6W or .6E	4.25
D+.75L+.75(Lr or S)+.75(.6W)	23.1875
.6D+.6W	7.25

30 PSF Ground Snow Load

DL=	5
LL=	0
LLr=	20
S=	22.68
.6W=	4.25
.7Eq=	

Greatest, Lr or S= 22.68

Greatest, .6W or .7Eq= 4.25

D+L	5
D+(Lr or S)	27.68
D+.75L+.75(Lr or S)	22.01
D+(.6W or .6E)	9.25
.6W or .6E	4.25
D+.75L+.75(Lr or S)+.75(.6W)	25.1975
.6D+.6W	7.25

40 PSF Ground Snow Load

DL=	5
LL=	0
LLr=	20
S=	30.24
.6W=	4.25
.7Eq=	

Greatest, Lr or S= 30.24

Greatest, .6W or .7Eq= 4.25