


LOAD SPECIFICATION TABLE

LOAD DESIGNATION (1)	DESCRIPTION	DESIGN LOADS			TESTING		SELECT CDR PRODUCT RATING
		LIVE LB/WHEEL (2)	LIVE + IMPACT LB/WHEEL	SIDE PSF (3)	LOAD, LBS	SAFETY FACTOR	
C857 A-0.3	PEDESTRIAN	(300 PSF)	_____	30	(650 PSF) (4)	2.17	LIGHT TRAFFIC
WUC 3.6	INCIDENTAL TRAFFIC	_____	_____	600	10,400	_____	
C857 A-8	LIGHT TRUCKS	8,000	10,400	30/40	17,360 (4)	2.17	
20K	LIGHT TRUCKS	8,000	10,400	30/40	20,000 (4)	2.50	20K
AASHTO H10	LIGHT TRUCK TRAFFIC	8,000	10,400	N/A	22,568 (4)	2.82	HEAVY DUTY
C857 A-12	MEDIUM TRUCKS	12,000	15,600	30/60	26,040 (4)	2.17	
AASHTO H15	MEDIUM TRUCK TRAFFIC	12,000	15,600	N/A	27,000 (5)	2.25	
C857 A-16	HEAVY TRUCKS	16,000	20,800	30/80	27,000 (5)	1.69	
AASHTO H20	HEAVY TRUCK TRAFFIC	16,000	20,800	N/A	45,136 (4)	2.82	STREET RATED (6)

FOOTNOTES:

1. LOAD DESIGNATIONS ARE FROM ASTM C857 "MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES", "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES", "AASHTO, 13TH ED.," AND "NON-CONCRETE ENCLOSURES," WESTERN UNDERGROUND COMMITTEE GUIDE 3.6, MAY 1988.
2. WHEEL FOOTPRINTS ARE GIVEN IN ASTM C857 & THE AASHTO STANDARDS.
3. SIDE LOADS ARE SHOWN AS (HYDROSTATIC PRESSURE FROM SOIL) / (SURCHARGE FROM VEHICLE). SEE ASTM C857 FOR METHOD TO CALCULATE TOTAL LOAD. CDR USES A MINIMUM SAFETY FACTOR OF 3.0 FOR SIDE LOAD TESTS.
4. TEST LOAD CALCULATED ACCORDING TO AASHTO TEST METHOD T33 AND ASTM C497.
5. TEST LOAD IS MINIMUM APPLIED TO CDR HEAVY DUTY PRODUCTS TO DATE. CONSULT FACTORY IF HIGHER TEST LOADS OR SAFETY FACTORS ARE REQUIRED FOR A PARTICULAR PRODUCT.
6. CONSULT FACTORY FOR AVAILABLE SIZES.

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<small>TITLE</small> LOAD SPECIFICATION TABLE			
<small>DRAWN</small>	MMK	<small>DATE</small>	1/5/05
<small>CHECKED</small>		A <small>SIZE</small>	951-0001
<small>APPROVED</small>	AOK		