

- PROVIDE THE TABULATED TIE-DOWN QUANTITIES FROM ST-Z1052-4 ASSOCIATED WITH THE APPLICABLE TOPOGRAPHIC FACTOR, K_{7T}. IF PROJECT SPECIFIC K_{7T} VALUE DOES NOT MATCH A TABLE VALUE, USE TI

- a.) PER MHII, THE CAPACITY OF A GIVEN FOUNDATION-PAD SIZE IS BASED ON THREE VALUES FOR BC; H

d.) A STANDARD DETAIL THAT INVOLVES SOIL IS MOST USABLE/USER FRIENDLY IF IT'S APPLICABLE TO P

- 6. MANUFACTURED BUILDINGS/TRAILERS MUST BE DESIGNED/BUILT TO MEET LANL REQUIREMENTS, ESPE

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	DE	ESIG	SN CI	RITER	IA:								
EVERTICAL OR IN-LINE. REF. DESIGN CRITERION (REF. DESIGN AT INCLUDES TIE-DOWN	THI TEI WC SUI 1.	IS STA MPOR OD-FI PPOR THIS ARE PRO	NDARD ARY (PE RAMED, TED BY / STAND/ LAG-BO VIDED.	DRAWING R LANL ES PREMANU AN EIGHT I ARD DETA ILTED NO N	(ST-Z1) SM CH. IFACTU FOOT V IL ONL MORE T	052-2) INCLU 16 SECT. IBC RED-BUILDII VIDE, STRUC Y APPLIES IF THAN 4' APAF	ides a foun C-gen para Ng Units. E/ Ctural stee All Roofs Rt And Only	IDATION 9.0), DOU ACH BUIL EL, TRAIL AND FLC ⁄ IF BEAN	SUPP(IBLE-V DING ER. OOR M. OOR M.	ort s Vide, Unit Arri <i>i</i> Port	SYSTE IS AGE J BLOC	EM FC OINT: OKING	OR S G IS
OTH AND EVENLY ALL NOT EXCEED 3/8". SIDE DOWN.	2.	THE UNDI BUSI	INTEND ER IBC F NESS-O	ED USE OF RISK CATE FFICE BUII	⁻ The B Gory I Lding,	BUILDING(S) OR II IS APF ETC).	MUST BE SU PROPRIATE (CH THAT e.g., MIN(CATE DR ST(gori Drag	ZATIC E FA)N CILITY	ŕ,
ND ENSURE THAT ALL	3.	THE TIE-E DOW	FOUNDA DOWN A N ENGII	ATION SUP ND PIER IS NEERING ('	PORT S COMP WWW.1	SYSTEM COI RISED OF TI	NSISTS OF "1 HE FOLLOWI M),OR APPR	TIE-DOWING COMI	NS" AN PONEN QUAL:	ID "PII NTS FI	ERS". ROM	EACŀ TIE	Η
		a.) AN HAI THI FAC	TIE-DOV CHOR; A RDWARE E GROU CTOR OF	VN: CERTIF ANCHOR-S ⁻ E TO CONN ND ANCHC = SAFETY.	FIED GA TABILIZ NECT TI DR. CAF	ALVANIZED S ZER PLATE (F HE STRAPPII PACITY = 412	STRAPPING; I FOR VERTICA NG TO THE T 5 LB OR 3150	HUD-APP AL ANCH(RAILER,) LB WOF	Rove Dr op And t Rking	D GR(TION) HE S ⁻ LOAD	oune ; ane frap) w/a)) PING 1.5	то
		b.) STY	PIER: ST YRENE (TEEL SUPP ABS) FOUN	PORT PI NDATIO	ER, PIER HE N PAD.	AD, AND ACI	RYLONIT	RILE B	UTAD	IENE		
		c.) ("W(COMPOI ORKING	NENT CAP/ (VS. ULTIN	ACITIES /IATE) L	S INDICATED .OAD."	IN THE DRA	WING AR	E IN T	ERMS	6 OF		
	4.	Som Eng And (For For	E OF TH INEERIN THE RE MERLY MANUF	IE TERMING IG PUBLICA ST COMES MHRA) PU ACTURED I	OLOGY ATION M S FROM BLICAT HOMES	USED IN TH MANUFACTU THE SYSTE ION GUIDE 1 S.	IE DRAWING RED HOUSIN MS BUILDING FO FOUNDAT	COMES I IG INSTA G RESEA ION AND	FROM LLATIC RCH A SUPP	THE 1 ON (M LLIAN ORT 3	ΓΙΕ-D(HII, 5, ICE SYST	OWN /7/201 EMS	5),
	5.	USE TIE-[THE TAE	BLE ON DR AND PIERS	Rawing 5, and ⁻	ST-Z1052-4 THEIR RESP	TO DETERM ECTIVE LOC	INE THE ATIONS/S	TOTAL	. NUM IG.	IBER	OF	
		a.)	TIE-DOV	VNS MUST	BE SEF	PARATED BY	´ A MINIMUM	OF 6'-0" I	N ANY	' DIRE	CTIO	N.	
		b.) INC	IF REQU REASE	IRED BY T THE NUMB	HE BUI BER OF	LDING MANU PIERS.	JFACTURER'	S INSTAL	LATIO	N INS	TRUC	TION	IS,
	6.	6. SOIL CLASS AND BEARING CAPACITY (SC &BC): SELECTION OF THE PART/MODEL NUMBER OF TIE-DOWN GROUND ANCHOR, AND THE NUMBER OF PIERS, SHALL BE BASED ON EITHER THE DETERMINATION OR THE ASSUMPTION OF SC & BC IN ACCORDANCE WITH A AND B BELOW.											
		a.) [·]	TIE-DOV i.) IF S(SHALL WITH T ii.) IF S ⁽ FOR U	VN C & BC ARE BE THAT (THE PARTIO C & BC ARI SE SHALL I	E DETE DF A HU CULAR E ASSU BE M60	RMINED THE JD-APPROVE SC (PER MH IMED THEN ⁻ 17 (FROM MH	En The Grou Ed Ground III, or Appro The Grouni III). or Appr	JND-ANC ANCHOR DVED EQ D-ANCHC OVED EC	HOR M PERM UAL). R MOI	/ODE 1ITTEI DEL S	L SEL D FOF ELEC	.ECTE R USE ;TED	ED E
		b.)	PIER i.) IF SC USE SH BC=150	C & BC ARE HALL BE BA 00 PSF, OR	E DETE ASED C R 3000 F	RMINED THE ON ANY OF T PSF, WHICHE	EN THE NUME HE FOUR AB	BER OF F S FOUND MENSUR	PIERS S ATION	SELEC I PAD VITH T	CTED SIZE	FOR S, AN CTUA	D
E VALUE OF THE THE TABLE WITH A			BC. ii.) IF S SHALL BC=150	C & BC ARI BE BASED	E ASSU) ON AN	IMED THEN	THE NUMBEF OUR ABS FO	r of Pief Undatic	RS SEL ON PAE	ECTE) SIZE	ED FC ES AN	R US D	E
NGTH AND THE													
IV 1. ATED ON THE													
LT OF THE													
IENCE, AS INDICATED BE INSTALLED.													
IP" WITH BC THAN		2	6-28-18	UNCLASS		MOVED TABU DRAWING ST- TO MEET LAN 10. ADDRESS	LAR DATA TO NE Z1052-4. UPDATI IL ESM CH. 5 SEC ED TRAILER MAR	EW ED DETAIL CT. II REV. RRIAGE		DW	0.5	0.5	
PROJECTS THAT		1	10-24-16	UNCLASS	DY	UPDATED TAL FROM ORIGIN	SLE TO CORREC	T ERRORS	BW	BW	GP	GP	10
ECIALLY ESM		NO	DATE	CLASS REV	ES DC		ESCRIPTION	1AT.	SR DWN	GP DSGN	AM CHKD	GP SUB	TO APP
			EN	IGIN	IEE		G S'	ΓΑΙ	ND	A	R	DS	5
	(0^{\prime})		F				PORT S	YSTE		RAWN	R.M	ARTINE	Z
W JCI		DOL	JBLE W	I OK I		EQUIREME	NTS FOR IN	I-SITU S	OIL _{Ct}	HECKEE	A.M	<u>OSIMAN</u>	NN
AF ST		TA-	- XX	FOUNDAT		LAN AND A	NCHOR DE	TAILS		DATE	3-7	-12	
$\rho^{0/0}$ $\dot{C}^{0/1}$		DOL		AN			STANDARI	S MANAGE	NGE R: TOBIN SHEET		:н 1		
FOR			LOS		,	PO Box 16 Los Alamos	63 s, New Mexico	87545	•		OF	2) 1
		D.C.: PRO	UNCLAS	SIFIED	DRAWI	VER: TOBIN O				DAT	E: 3	-7-12	EV
		C	HAP	FER 5			ST-Z10	52-2					2