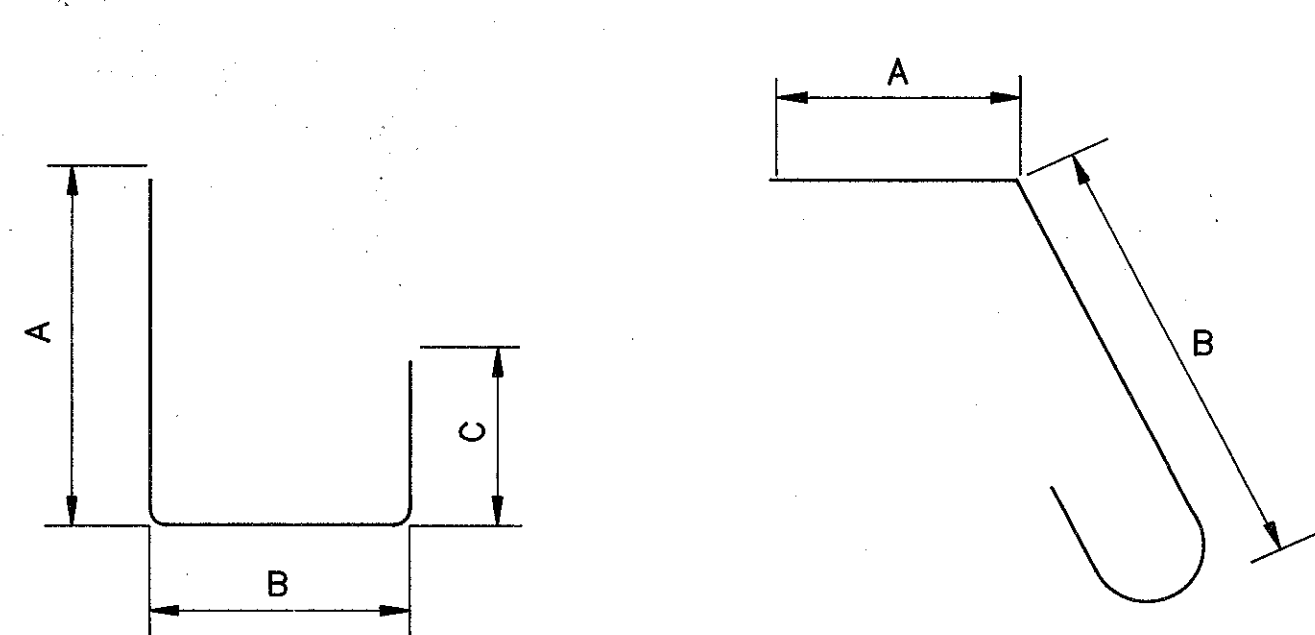
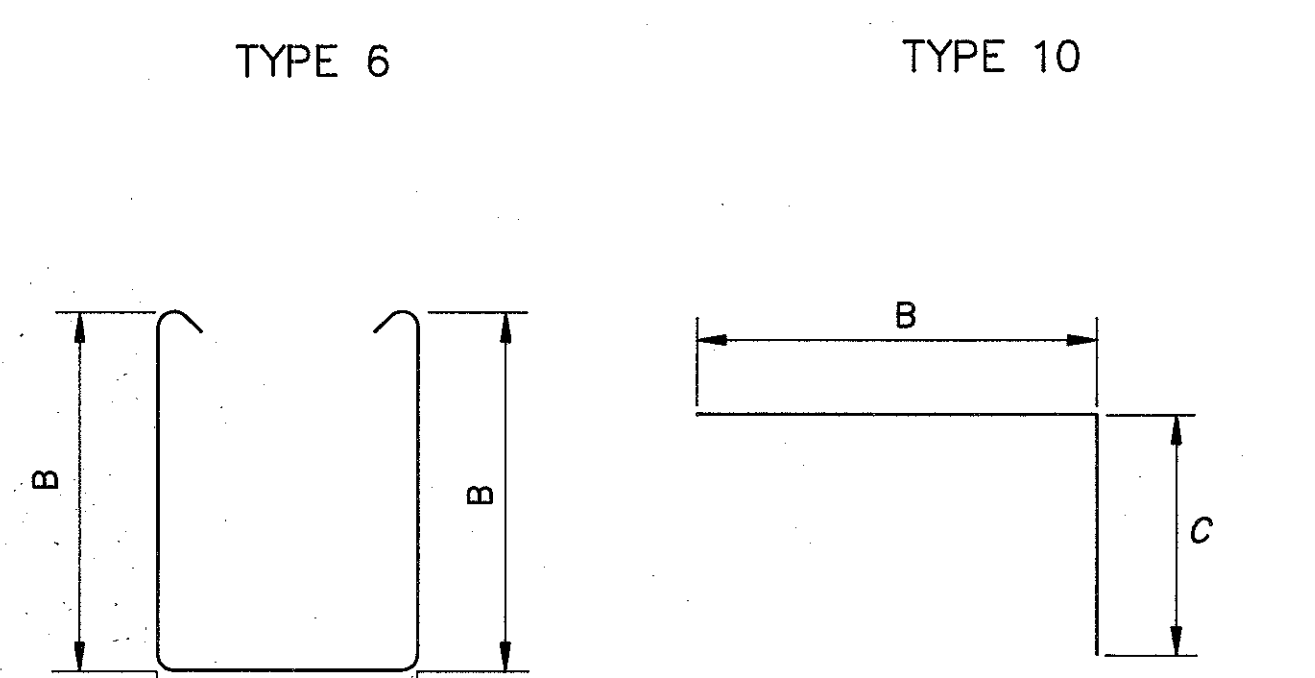
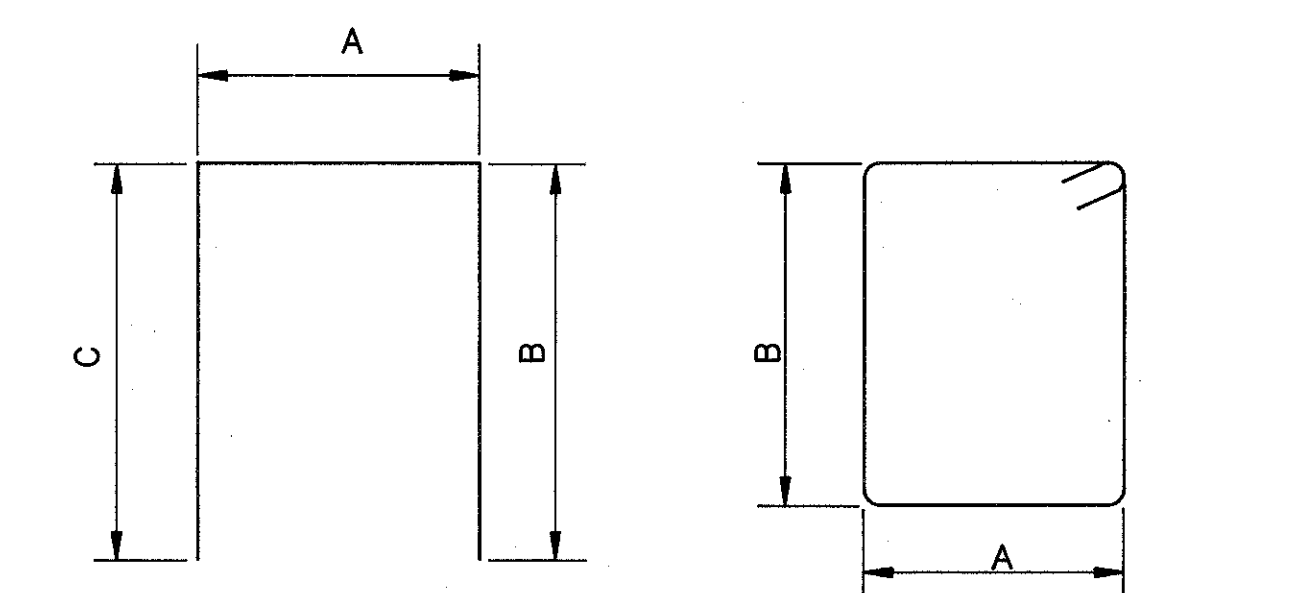


## REINFORCING STEEL BAR SCHEDULE

SUPERSTRUCTURE - PHASE I										SUPERSTRUCTURE - PHASE II										ABUTMENT WINGWALLS - PHASE I															
MARK	NO. REQUIRED		LENGTH	TYPE	A	B	C	D	H	WEIGHT (LBS)	MARK	NO. REQUIRED		LENGTH	TYPE	A	B	C	D	H	WEIGHT (LBS)	MARK	NO. REQUIRED		LENGTH	TYPE	A	B	C	D	H	WEIGHT (LBS)			
	TOTAL											TOTAL											TOTAL										TOTAL		
ES401		554	30'-0"	STR						11,102	ES401		554	30'-0"	STR							11,102	EA516		7	15'-2"	STR							111	
ES402		52	11'-1"	STR						385	ES402		52	11'-1"	STR								385	EA517		27	8'-2"	10	2'-4"	1'-6"					230
ES501		163	2'-7"	6	1'-2"	10"	10"			439	ES501		163	2'-7"	6	1'-2"	10"	10"				439	EA518		27	8'-2"	11	8"	3'-0"					230	
ES502		163	2'-10"	6	1'-5"	10"	10"			481	ES502		163	2'-10"	6	1'-5"	10"	10"				481	EA523		7	14'-7"	STR							106	
ES503		163	6'-5"	6	5'-8"	6"	6"			1,091	ES503		163	6'-5"	6	5'-8"	6"	6"				1,091	EA601		27	2'-6"	STR							101	
ES504		220	7'-1"	11	8"	2'-11"				1,625	ES504		220	7'-1"	11	8"	2'-11"				1,625	EAR501		4	15'-2"	STR							*		
ES505		184	2'-1"	6	8"	10"	10"			400	ES505		184	2'-1"	6	8"	10"	10"				400	EAR502		4	14'-7"	STR							*	
ES506		184	2'-4"	6	11"	10"	10"			448	ES506		184	2'-4"	6	11"	10"	10"				448	PHASE I ABUTMENT WINGWALLS TOTAL = 778 LBS.												
ES507		391	38'-7"	STR						15,733	ES507		391	38'-7"	STR							15,733													
ES508	2 Series of 7		1'-6" 10'-6"	STR	Vary by 1'-6"						88	ES508	2 Series of 7		1'-6" 10'-6"	STR	Vary by 1'-6"						88												
ES509	2 Series of 6		12'-1" 19'-7"	STR	Vary by 1'-6"						198	ES509	2 Series of 6		12'-1" 19'-7"	STR	Vary by 1'-6"						198												
ES510	2 Series of 6		21'-2" 28'-8"	STR	Vary by 1'-6"						312	ES510	2 Series of 6		21'-2" 28'-8"	STR	Vary by 1'-6"						312												
ES511	2 Series of 6		30'-3" 37'-9"	STR	Vary by 1'-6"						426	ES511	2 Series of 6		30'-3" 37'-9"	STR	Vary by 1'-6"						426												
ES512		320	30'-0"	STR						10,013	ES512		320	30'-0"	STR							10,013													
ES513		40	13'-10"	STR						577	ES513		40	13'-10"	STR							577													
ES601		365	6'-5"	STR						3,520	ES601		365	6'-5"	STR							3,520													
ES602		104	30'-0"	STR						4,686	ES602		104	30'-0"	STR							4,686													
ES603		13	14'-8"	STR						286	ES603		13	14'-8"	STR							286													
ES604		391	38'-7"	STR						22,657	ES604		391	38'-7"	STR							22,657													
ES605	2 Series of 7		1'-6" 10'-6"	STR	Vary by 1'-6"						126	ES605	2 Series of 7		1'-6" 10'-6"	STR	Vary by 1'-6"						126	EA517		27	8'-2"	10	2'-4"	1'-6"					230
ES606	2 Series of 6		12'-1" 19'-7"	STR	Vary by 1'-6"						286	ES606	2 Series of 6		12'-1" 19'-7"	STR	Vary by 1'-6"						286	EA518		27	8'-2"	11	8"	3'-0"					230
ES607	2 Series of 6		21'-2" 28'-8"	STR	Vary by 1'-6"						450	ES607	2 Series of 6		21'-2" 28'-8"	STR	Vary by 1'-6"						450	EA528		7	14'-5"	STR							105
ES608	2 Series of 6		30'-3" 37'-9"	STR	Vary by 1'-6"						612	ES608	2 Series of 6		30'-3" 37'-9"	STR	Vary by 1'-6"						612	EA531		7	15'-4"	STR							112
ER501		40	15'-8"	STR						*	ER501		40	15'-8"	STR							*	EA601		27	2'-6"	STR							101	
ER502		32	7'-2"	STR						*	ER502		32	7'-2"	STR							*	EAR503		4	14'-5"	STR							*	
ER503		8	3'-11"	STR						*	ER503		8	3'-11"	STR							*	EAR504		4	15'-4"	STR							*	
PHASE I SUPERSTRUCTURE TOTAL = 75,941 LBS.										PHASE II SUPERSTRUCTURE TOTAL = 75,941 LBS.										PHASE II ABUTMENT WINGWALLS TOTAL = 778 LBS.															
FORWARD ABUTMENT BACKWALL-PHASE I										FORWARD ABUTMENT BACKWALL-PHASE II										LAK-2-0542 BRIDGE TOTAL = 156,123 LBS.															
EA501		6	2'-2"	STR						14	EA501		6	2'-2"	STR							14													
EA502		6	36'-0"	STR						225	EA503		3	33'-0"	STR							103													
EA503		3	33'-0"	STR						103	EA505		6	37'-7"	STR							235													
EA504		3	5'-10"	STR						18	EA506		3	7'-5"								23													
EA510		36	7'-3"	27	4'-7"	11"	2'-0"			272	EA510		38	7'-3"	27	4'-7"	11"	2'-0"				287													
EA511		36	4'-3"	5	3'-8"	8"				160	EA511		38	4'-3"	5	3'-8"	8"					168													
EA512		6	11'-7"	27	5'-4"	1'-5"	5'-1"			72	EA512		8	11'-7"	27	5'-4"	1'-5"	5'-1"				97													
EA513		2	5'-6"	6	11"	2'-11"	1'-11"			11	EA513		1	5'-6"	6	11"	2'-11"	1'-11"				6													
EA514		1	4'-7"	STR						5	EA514		1	4'-7"	STR							5													
EA515		1	5'-3"	6	11"	2'-8"	1'-11"			5	EA515		2	5'-3"	6	11"	2'-8"	1'-11"				11													
ED801		20	4'-11"	8	1'-0"	2'-7"				263	ED801		20	4'-11"	8	1'-0"	2'-7"					263													
PHASE I FORWARD ABUTMENT BACKWALL TOTAL = 1148 LBS.										PHASE II FORWARD ABUTMENT BACKWALL TOTAL = 1,212 LBS.																									
REAR ABUTMENT BACKWALL-PHASE I										REAR ABUTMENT BACKWALL-PHASE II																									
EA503		3	33'-0"	STR						103	EA503		3	33'-0"	STR							103													
EA504		3	5'-10"	STR						18	EA506		3	7'-5"	STR							23													
EA513		3	5'-6"	6	11"	2'-11"	1'-11"			17	EA513		3	5'-6"	6	11"	2'-11"	1'-11"				17													
EA514		1	4'-7"	STR						5	EA514		1	4'-7"	STR							5													
EA516		4	4'-2"	6	1'-3"	1'-7"	1'-7"			17	EA516		4	4'-2"	6	1'-3"	1'-7"	1'-7"				17													
PHASE I REAR ABUTMENT BACKWALL TOTAL = 160 LBS.										PHASE I REAR ABUTMENT BACKWALL TOTAL = 165 LBS.																									



Notes:  
All Dimensions Are Out To Out Of Bars.  
All Reinforcing Bars With Prefix Of "E" Shall be Epoxy Coated

\* Included with Item 517, Railing for Payment

<b>COLPETZER-THOMAS, INC.</b> AN ENGINEERING GROUP		58/78
<b>REINFORCING SCHEDULE</b> BRIDGE NO. LAK-2-0542 S.R.2 UNDER LOST NATION ROAD LAKE COUNTY		
DESIGNED	DRAWN	TRACED
H.B.M.	R.L.B.	R.L.B.
J.P.R.	M.T.W.	M.T.W.
CHECKED	REVIEWED	DATE
R.J.C.	J.E.A.	11/15/88
REVISED		