

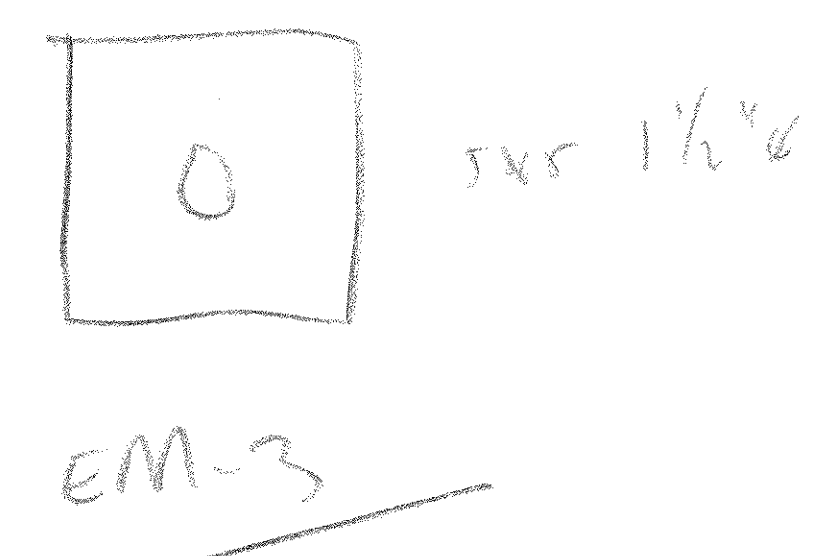
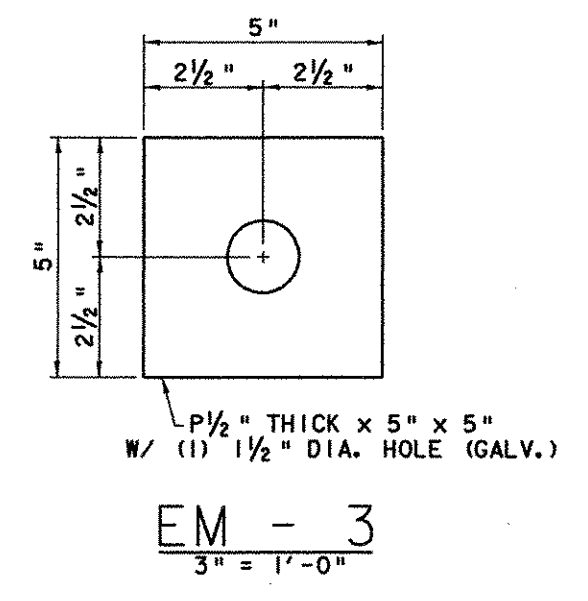
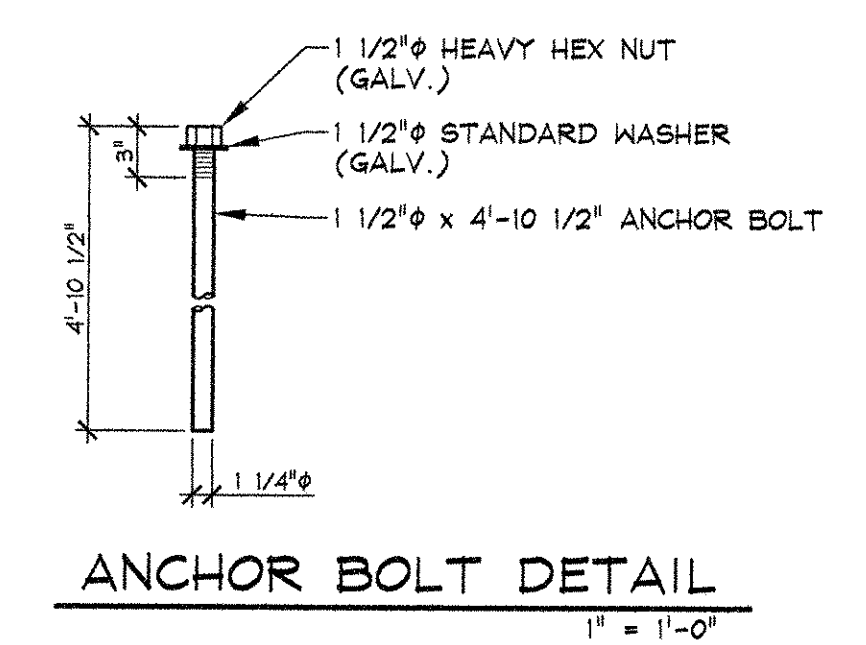
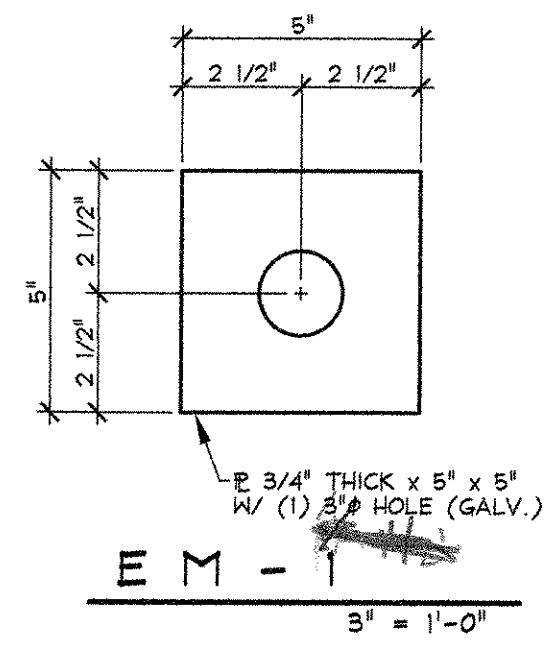
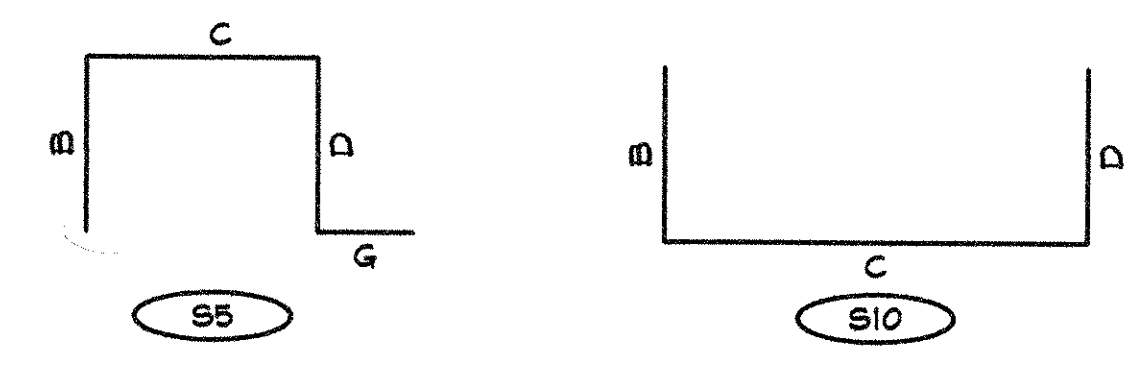
BENT BARS, TIES, & STIRRUPS

ITEM	MARK	QTY.	SIZE	LENGTH	TYPE	A	B	C	D	E	F/R	G	H	J	K	O	GRADE	REMARKS
1	401E	1680	#4	8'-1 1/2"	S10		2'-4"	3'-7 1/2"	2'-4"								60	EPOXY COATED
2	502E	120	#5	57'-6"	STR.												60	E.C. W/ (3) 2'-0" STAGGERED LAPS
3	508E	112	#5	3'-8 1/2"	S5		1'-6"	11 1/2"	9 3/8"			9"					60	EPOXY COATED
4																		
5																		
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Additional bar
for test purposes

MISCELLANEOUS MATERIALS

ITEM	MARK	QTY.	DESCRIPTION	REMARKS
1	EM-1	16	2 3/4" x 5" x 5" W/ (1) 3/8" HOLE (GALV.)	FOR ERECTION, SEE DETAIL THIS SHEET
2		4	1/2" POLYSTRAND x 36'-0"	FOR ERECTION
3		4	1/2" POLYSTRAND x 64'-0"	FOR ERECTION
4		1620	1 1/2" x 4'-10 1/2" GALV. ANCHOR BOLT	FOR ERECTION, SEE DETAIL THIS SHEET
5	EM-3	30	2 1/2" x 5" x 5" W/ (1) 1 1/2" HOLE (GALV.)	"
6	MK-PB	30	DAYTON C-24 TYPE 4-APRESS-STEEL HALF HANGER	GALVANIZE
7				
8				
9				
10		21	3'-1 1/2" x 1'-10" x 16'-4 5/16" BOX VOID	
11		24	3'-1 1/2" x 1'-10" x 15'-9 1/8" BOX VOID	
12				
13		90	3/4" x 5 1/2" NON-FERROUS VOID DRAIN	
14		60	DOUBLE 1/2" STRAND LIFTING LOOPS	
15		120	W4F W4XW4-W2.9XW2.9 [2'-0" x 3'-0"]	EPOXY COATED
16				
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19				
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23				
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29				
30				



RECEIVED
 CK'D BY DRP OK'D BY CAC
 JUL 10 2007
 RESUBMIT APPROVED AS NOTED
 BY RLW DATE 7/20/07

APPROVAL STAMP:	J.P. CARRARA & SONS INC. Precast & Prestress Manufacturer 2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone: (802)388-6361 Fax: (802)388-9010		J.A. McDONALD, INC. CONTRACTOR LYNDON, VERMONT	
	STATE OF VERMONT A.O.T. COUNTY OF WINDSOR		DATE: JUNE 20, 2007 SCALE: NOTED	
	TOWN OF SPRINGFIELD VERMONT ROUTE 11 BRIDGE NO.: 55 PROJECT NO.: ST CULV(5)		CHKD: D.F. DFTM: T.J.D. JOB NO: 23258-007	
	MATERIALS LIST		DWG. NO: M1	