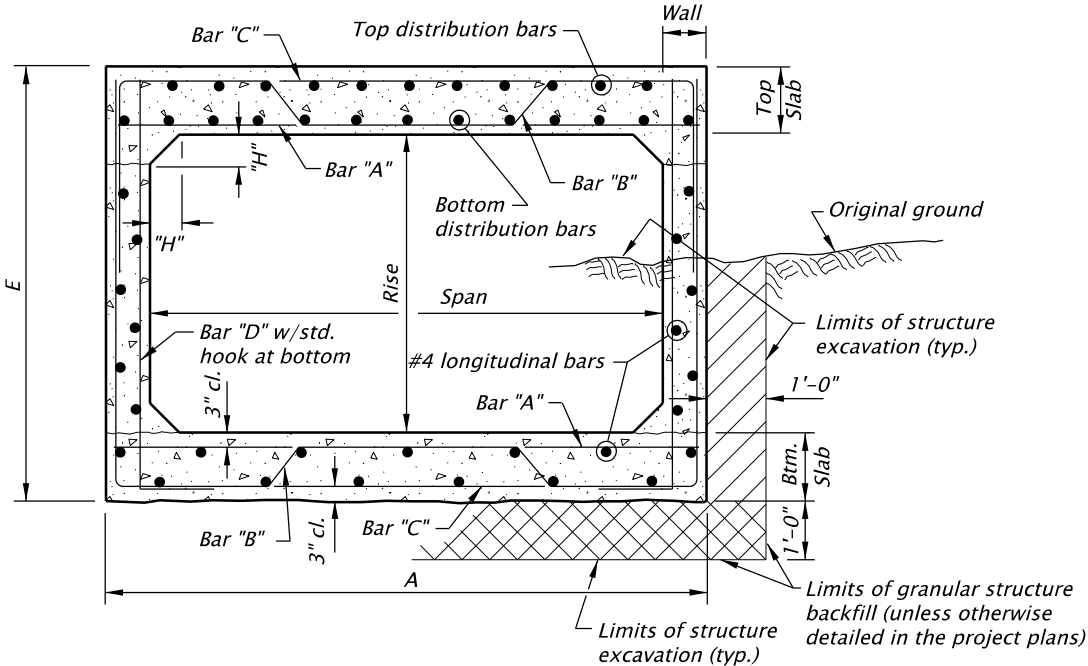


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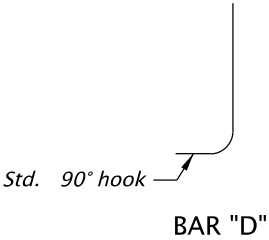
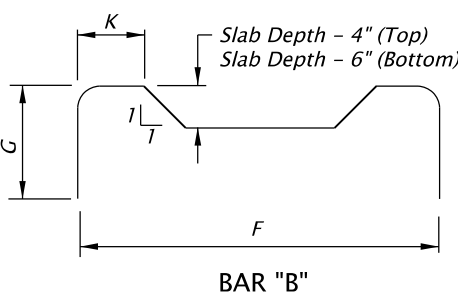
BR830.dgn

SIZE		FILL	QUANTITY PER L.F.		DIMENSIONS						"A" BARS			"B" BARS						"C" BARS						B and C BARS	"D" BARS			#4 DIST. BARS		#4 LONG WALLS	#4 LONG BOTTOM SLAB	DESIGN FACTORED NET BRNG. PRESS.		
SPAN	RISE		CONC.	STEEL	A	E	H	TOP SLAB	BOT. SLAB	WALL	SIZE	SPC	LENGTH	SIZE	SPC	TOP			BOTTOM			SIZE	SPC	TOP		BOTTOM		F	SIZE	SPC	LENGTH				TOP	BOTTOM
FT	FT	FT	C.Y.	LBS.												LENGTH	G	K	LENGTH	G	K			LENGTH	G	LENGTH	G									
10	6	0-2	1.26	204	11'-6"	8'-0"	12"	12"	12"	9"	#5	8"	11'-2"	#4	8"	15'-2"	1'-9"	2'-11"	26'-10"	7'-7"	2'-11"	#5	8"	15'-6"	2'-2"	26'-4"	7'-7"	11'-2"	#4	8"	8'-3"	14	14	24	16	1.93
10	6	2-10	1.26	212	11'-6"	8'-0"	12"	12"	12"	9"	#6	8"	11'-2"	#4	8"	15'-2"	1'-9"	2'-11"	26'-10"	7'-7"	2'-11"	#5	8"	15'-6"	2'-2"	26'-4"	7'-7"	11'-2"	#4	8"	8'-3"	8	8	24	16	0.87
10	6	10-20	1.37	221	11'-6"	8'-3"	12"	12"	15"	9"	#5	6"	11'-2"	#4	6"	15'-2"	1'-9"	2'-11"	27'-6"	7'-10"	2'-11"	#4	6"	14'-8"	1'-9"	26'-10"	7'-10"	11'-2"	#4	6"	8'-6"	8	8	24	18	1.12
10	6	20-30	1.96	228	12'-0"	9'-3"	12"	18"	21"	12"	#4	6"	11'-8"	#4	6"	16'-1"	1'-9"	3'-2"	30'-5"	8'-10"	3'-2"	#4	6"	15'-2"	1'-9"	29'-4"	8'-10"	11'-8"	#4	6"	9'-6"	11	11	28	24	1.83
10	6	30-40	2.37	298	12'-6"	9'-9"	12"	21"	24"	15"	#5	6"	12'-2"	#4	6"	16'-10"	1'-9"	3'-5"	32'-2"	9'-4"	3'-5"	#5	6"	16'-6"	2'-2"	30'-10"	9'-4"	12'-2"	#4	6"	10'-0"	13	13	28	30	2.50
10	8	0-2	1.37	221	11'-6"	10'-0"	12"	12"	12"	9"	#5	8"	11'-2"	#4	8"	15'-2"	1'-9"	2'-11"	30'-10"	9'-7"	2'-11"	#5	8"	15'-6"	2'-2"	30'-4"	9'-7"	11'-2"	#4	8"	10'-3"	14	14	28	16	1.80
10	8	2-10	1.26	227	11'-6"	9'-9"	12"	9"	12"	9"	#6	8"	11'-2"	#5	8"	15'-10"	2'-2"	2'-11"	30'-4"	9'-4"	2'-11"	#4	8"	14'-8"	1'-9"	29'-10"	9'-4"	11'-2"	#4	8"	10'-0"	8	8	28	16	0.76
10	8	10-20	1.67	244	12'-0"	10'-3"	12"	12"	15"	12"	#5	6"	11'-8"	#4	6"	15'-8"	1'-9"	3'-2"	32'-0"	9'-10"	3'-2"	#4	6"	15'-2"	1'-9"	31'-4"	9'-10"	11'-8"	#4	6"	10'-6"	8	8	28	18	1.06
10	8	20-30	1.89	488	12'-0"	10'-9"	12"	15"	18"	12"	#5	6"	11'-8"	#6	6"	17'-8"	2'-7"	3'-2"	33'-3"	10'-4"	3'-2"	#7	6"	19'-6"	3'-11"	32'-4"	10'-4"	11'-8"	#4	6"	11'-0"	9	9	28	22	1.71
10	8	30-40	2.55	322	12'-6"	11'-9"	12"	21"	24"	15"	#5	6"	12'-2"	#4	6"	16'-10"	1'-9"	3'-5"	36'-2"	11'-4"	3'-5"	#5	6"	16'-6"	2'-2"	34'-10"	11'-4"	12'-2"	#4	6"	12'-0"	13	13	36	30	2.43
10	10	0-2	1.48	286	11'-6"	12'-0"	12"	12"	12"	9"	#5	8"	11'-2"	#5	8"	16'-1"	2'-2"	2'-11"	34'-10"	11'-7"	2'-11"	#5	8"	15'-6"	2'-2"	34'-4"	11'-7"	11'-2"	#5	8"	12'-5"	17	17	32	16	1.68
10	10	2-10	1.48	260	11'-6"	12'-0"	12"	12"	12"	9"	#6	8"	11'-2"	#4	8"	15'-2"	1'-9"	2'-11"	34'-10"	11'-7"	2'-11"	#5	8"	15'-6"	2'-2"	34'-4"	11'-7"	11'-2"	#5	8"	12'-5"	8	8	32	16	0.68
10	10	10-20	1.81	343	12'-0"	12'-3"	12"	12"	15"	12"	#6	6"	11'-8"	#4	6"	15'-8"	1'-9"	3'-2"	36'-0"	11'-10"	3'-2"	#5	6"	16'-0"	2'-2"	35'-4"	11'-10"	11'-8"	#5	6"	12'-8"	8	8	32	18	0.98
10	10	20-30	2.04	619	12'-0"	12'-9"	12"	15"	18"	12"	#7	6"	11'-8"	#5	6"	16'-9"	2'-2"	3'-2"	37'-3"	12'-4"	3'-2"	#8	6"	20'-10"	4'-7"	36'-4"	12'-4"	11'-8"	#5	6"	13'-2"	9	9	36	22	1.63
10	10	30-40	2.74	539	12'-6"	13'-9"	12"	21"	24"	15"	#7	6"	12'-2"	#4	6"	16'-10"	1'-9"	3'-5"	40'-2"	13'-4"	3'-5"	#7	6"	20'-0"	3'-11"	38'-10"	13'-4"	12'-2"	#5	6"	14'-2"	13	13	40	30	2.35



TYPICAL SECTION
NONE

NOTE:
Splice bar "B" (top) with bar "B" (bottom)
and bar "C" (top) with bar "C" (bottom).
Bars "A" and "C" alternate with bar "B".



NOTE:
1. See BR820 for general notes.

The selection and use of this
Standard Drawing, while
designed in accordance with
generally accepted engineering
principles and practices, is the
sole responsibility of the user
and should not be used without
first consulting a Registered
Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS CAST-IN-PLACE CONCRETE BOX CULVERTS GENERAL DETAILS 10 x 6, 10 x 8 and 10 x 10 2024			
DATE	REVISION DESCRIPTION		
01-2021	Label dimension H		
CALC. BOOK NO.	6402, 6406, 6407	SDR DATE	06-JAN-2021
			BR830