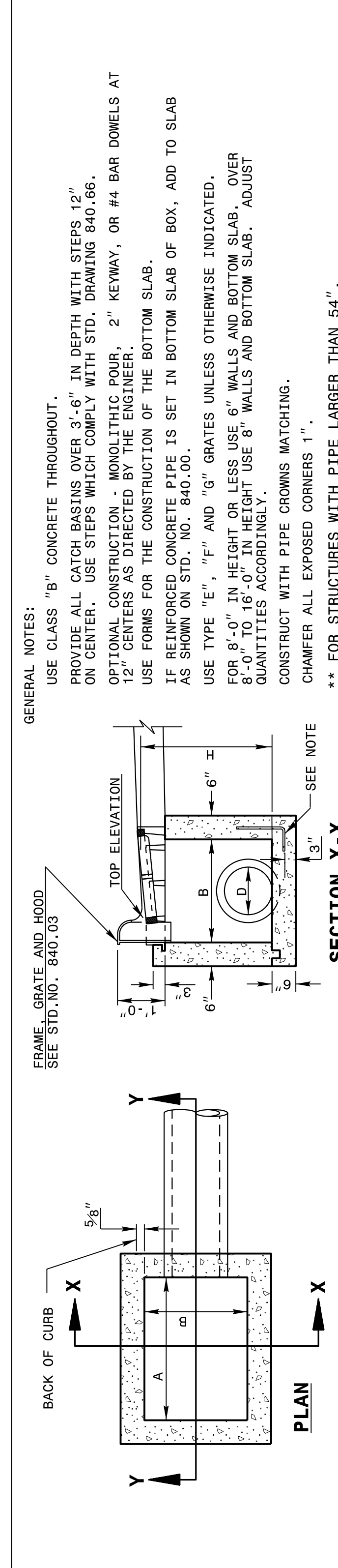


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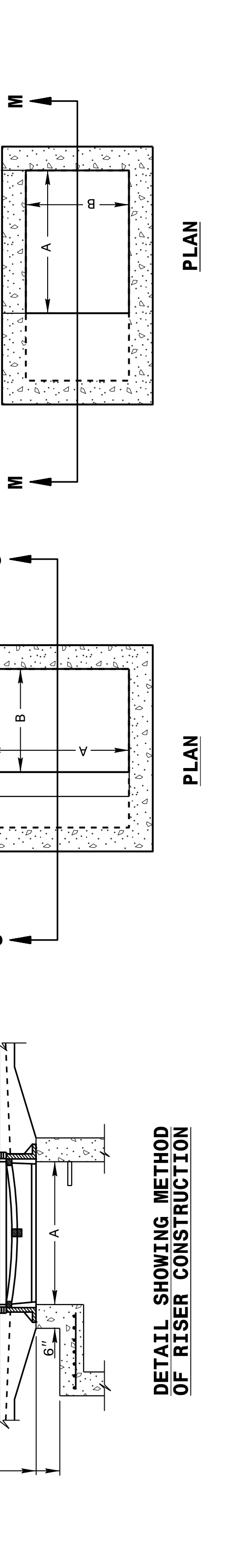
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ENGLISH DETAIL DRAWING FOR
**MINIMUM DEPTH
CONCRETE CATCH BASIN**
12" THRU 84" PIPE

ENGLISH DETAIL DRAWING FOR
**MINIMUM DEPTH
CONCRETE CATCH BASIN**
12" THRU 84" PIPE

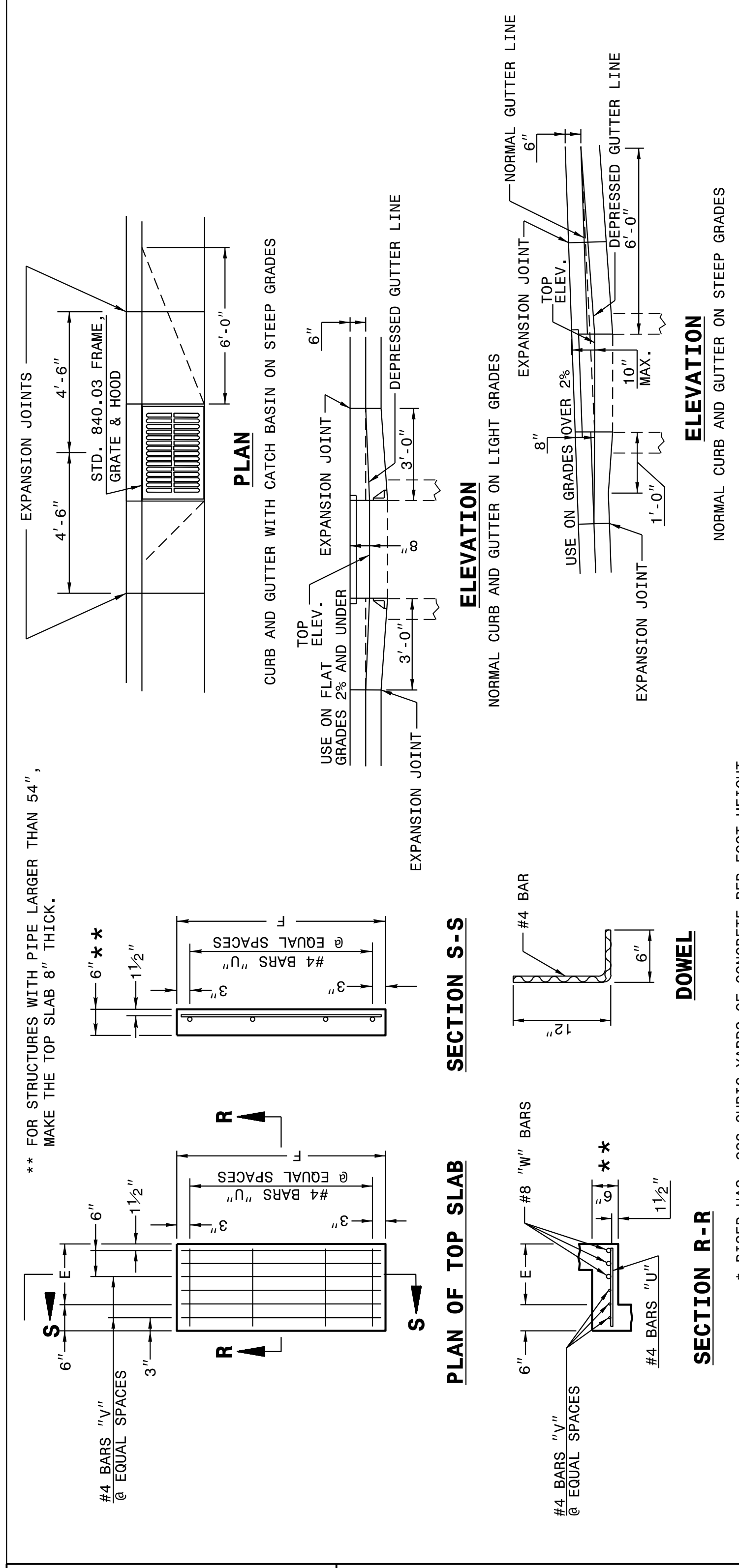


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* RISER HAS .228 CUBIC YARDS OF CONCRETE PER FOOT HEIGHT

PIPE D.	MINIMUM DIMENSIONS OF BOX AND PIPE				COVER DIMENSION	QUANTITIES FOR CONCRETE CATCH BASIN (BASED ON MIN. HEIGHT, H, WITH NO RISER) *				DEDUCTIONS				
	SPAN	WIDTH	MIN. SPAN	HEIGHT		BAR-S-U NO.	BAR-S-V LENGTH	BAR-S-W NO.	TOTAL LBS.	TOP SLAB	BOTTOM SLAB	TOT. CONC. FOR MINIMUM HEIGHT, H	C. M.	R. C.
12"	3'-0"	2'-2"	2'-0"	2'-0"	..	..	..	..	..	..	0.235	0.772	0.015	0.026
15"	3'-0"	2'-2"	2'-0"	2'-3"	..	..	..	..	..	..	0.235	0.829	0.023	0.036
18"	3'-0"	2'-2"	3'-1"	3'-1"	..	..	..	..	..	..	0.235	0.887	0.033	0.049
24"	3'-0"	2'-2"	3'-4"	3'-10"	1'-2"	4'-4"	4	1'-5"	2	4'-1"	3	4'-1"	0.059	0.085
30"	3'-0"	2'-2"	3'-10"	4'-6"	1'-8"	4'-10"	4	1'-11"	3	4'-7"	3	4'-7"	0.132	0.178
36"	3'-0"	2'-2"	3'-10"	4'-5"	2'-2"	5'-5"	5	2'-5"	4	5'-2"	4	5'-2"	0.200	0.243
42"	3'-0"	2'-2"	5'-0"	5'-6"	2'-10"	6'-0"	5	3'-1"	4	5'-9"	3	5'-9"	0.235	0.243
48"	3'-0"	2'-2"	5'-7"	6'-0"	3'-5"	6'-7"	6	3'-8"	5	6'-4"	3	6'-4"	0.235	0.243
54"	3'-0"	2'-2"	6'-3"	6'-3"	4'-1"	7'-3"	6	4'-4"	5	7'-0"	3	7'-0"	0.289	0.363
60"	3'-0"	2'-2"	6'-11"	6'-11"	4'-9"	7'-11"	7	5'-0"	6	7'-8"	3	7'-8"	0.391	0.440
66"	3'-0"	2'-2"	7'-6"	7'-6"	5'-3"	8'-6"	7	5'-6"	6	8'-3"	3	8'-3"	0.442	0.524
72"	3'-0"	2'-2"	8'-1"	8'-1"	5'-11"	9'-1"	8	6'-2"	7	8'-10"	3	8'-10"	0.493	0.574
78"	3'-0"	2'-2"	8'-9"	8'-9"	6'-7"	9'-9"	8	6'-10"	7	9'-6"	3	9'-6"	0.544	0.615
84"	3'-0"	2'-2"	8'-9"	8'-9"	6'-7"	9'-9"	8	6'-10"	7	9'-6"	3	9'-6"	0.544	0.615

SHEET 2 OF 2
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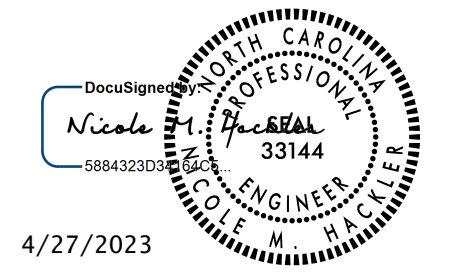
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CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

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4/27/2023