PROJ. REFERENCE NO. SHEET NO. R-3830 2C-6

#4 BAR

DOWEL

GENERAL NOTES:

USE CLASS "B" CONCRETE THROUGHOUT.

PROVIDE ALL DROP INLETS OVER 3'-6" IN DEPTH WITH STEPS 12" ON CENTER. USE STEPS WHICH COMPLY WITH STD. DRAWING 840.66.

OPTIONAL CONSTRUCTION - MONOLITHIC POUR 2" KEYWAY OR #4 BAR DOWELS AT 12" CENTERS AS DIRECTED BY THE ENGINEER.

USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.

IF REINFORCED CONCRETE PIPE IS SET IN BOTTOM SLAB OF BOX, ADD TO SLAB AS SHOWN ON STD. NO. 840.00.

CONSTRUCT WITH PIPE CROWNS MATCHING.

BARS

STEP STD. 840.66

SECTION Y-Y

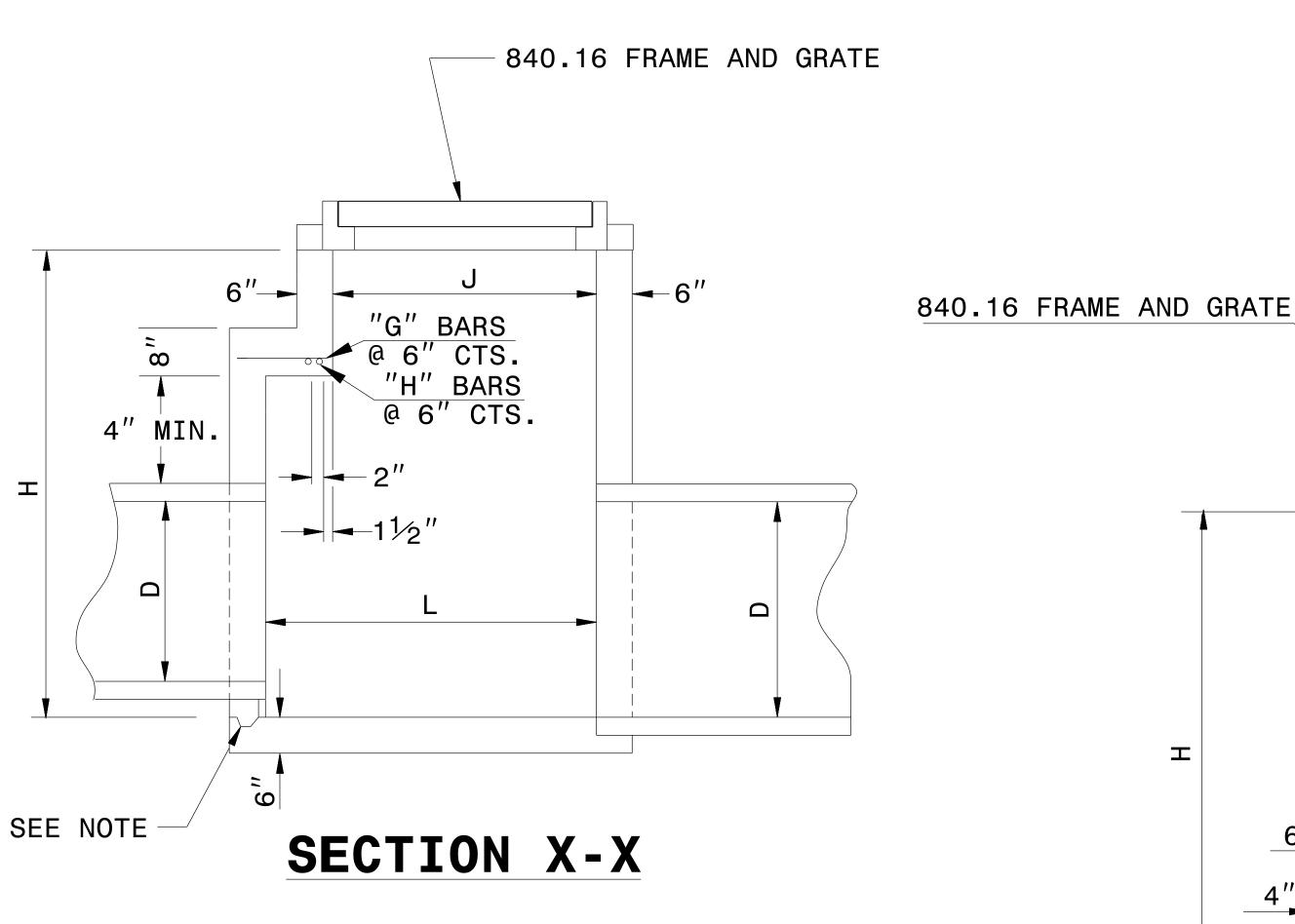
INSTALL 2" WEEPHOLES AS DIRECTED BY THE ENGINEER.

INSTALL STONE DRAINS, OF A MINIMUM OF 1 CUBIC FOOT OF NO. 78M STONE IN A POROUS FABRIC BAG OR WRAP, AT EACH WEEP HOLE OR AS DIRECTED BY THE ENGINEER.

CHAMFER ALL EXPOSED CORNERS 1".

DRAWING NOT TO SCALE.

DIMENSIONS MAY BE FIELD ADJUSTED AS DIRECTED BY THE ENGINEER.



				MIN.	DIMENS	SIONS	AND QUA	ANTI.	TIES FOR	CON	ICRETE D	ROP	INLET(B	ASED O	N MIN. H	EIGHT,	H)			
DIMENSIONS OF BOX AND PIPE					REINFORCING STEEL - NO. 4 BARS							CU YDS CONC. IN BOX				DEDUCTIONS FOR				
PIPE	SPAN	WIDTH	SPAN	WIDTH	HEIGHT	BA	ARS E	В	ARS F	В	ARS G	В	ARS H	TOTAL	воттом	Н	H PER	TOTAL		PIPE
D	J	K	L	M	Н	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	LBS.	SLAB	TOTAL	FT HT	TOTAL	C.S.	R.C
12"	3'-0"	2'-0"	3'-8"	2'-0"	3'-9"										0.362	0.926	0.247	1.288	0.015	0.02
15"	3'-0"	2'-0"	3'-8"	2'-0"	4'-0"										0.362	0.988	0.247	1.350	0.023	0.03
18"	4	4	4	2'-0"	4'-3"										0.362	1.050	0.247	1.412	0.033	0.04
24"			y	2'-10"	4'-9"	8	1'-5"	6	4'-9"					27	0.444	1.362	0.278	1.806	0.059	0.08
30"			3'-8"	3'-5"	5'-3"	8	2'-0"	7	4'-9"					33	0.502	1.644	0.288	2.146	0.092	0.12
36"			4'-0"	4'-0"	5'-9"	8	2'-5"	8	4'-11"	4	0'-9"	2	4'-11"	47	0.560	1.931	0.321	2.525	0.132	0.1
42"			4'-10"	4'-10"	6'-3"	10	3'-1"	9	5'-7"	4	1'-5"	3	5'-7"	67	0.704	2.500	0.370	3.282	0.180	0.24
48"			5'-4"	5'-4"	6'-9"	11	3'-7"	10	6'-1"		1'-11"	4	6'-1"	87	0.823	3.013	0.407	3.920	0.235	0.3
54"			6'-0"	6'-0"	7'-3"	12	4'-1"	11	6'-7"		2'-5"	5	6'-7"	107	0.951	3.589	0.444	4.677	0.297	0.40
60"			6'-6"	6'-6"	7'-9"	13	4'-9"	12	7'-3"		3'-1"	6	7'-3"	135	1.311	4.539	0.494	5.775	0.367	0.49
66"	/	y	7'-2"	7'-2"	8'-3"	14	5'-4"	14	7'-10"	y	3'-7"	7	7'-10"	168	1.136	5.061	0.537	6.506	0.444	0.59
72"	3'-0"	2'-0"	7'-8"	7'-8"	8'-9"	15	5'-11"	15	8'-5"	4	4'-3"	8	8'-5"	199	1.500	5.860	0.580	7.473	0.528	0.7

PLAN



6"_

工

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

"E" BARS @ 6" CTS.

_ 6′′

BARS

DOWEL "A" SEE NOTE

@ 6" CTS.

SPECIAL DI

ORIGINAL BY:	rnbritt	DATE:	05-15-09
MODIFIED BY:_	rnbritt	DATE:_	08-25-09
CHECKED BY:		DATE: _	
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