"E" REBAR @ 6" O.C. (TYPICAL) GENERAL NOTES: "G" REBAR @ 6" O.C. _SEE STD.NO.840.20 USE CLASS "AA" CONCRETE THROUGHOUT. (TYPICAL) -"H1" REBAR @ 8" O.C. GRATE AND FRAME (TYP) TOP & BOTTOM SLAB _SEE STEP STD.NO.840.66 —"H" REBAR @ 8" O.C. (TYP) TOP & BOTTOM SLAB USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB. "Z" REBARS AROUND PIPE OPENING IN STRUCTURE WALL CHAMFER ALL EXPOSED CORNERS 1". (TYPICAL) 2" MINIMUM CONCRETE COVERAGE ON ALL REBAR. -"V" REBAR @ 8" O.C. (TYP) (TYPICAL) BY THE ENGINEER. "H" REBAR @ 8" O.C. 10 (TYPICAL) 66"RCP #4 BAR 10, - DOWEL, SEE NOTE 7'-6" 8'-10" 2"KEYWAY, SEE NOTE **DOWEL SECTION A-A B←**− —"H1" REBAR @ 8" O.C. (TYP) TOP & BOTTOM SLAB —"H" REBAR @ 8" O.C. (TYP) TOP & BOTTOM SLAB "E" REBAR **~**@ 6″ 0.C. "G" REBAR @ 6" O.C. (TYPICAL) (TYPICAL) SEE STD.NO.840.20 6"(MIN) GRATE AND FRAME — SEE STEP STD.NO.840.66 — "V" REBAR @ 8" O.C. (TYPICAL) 66"RCP 66"RCP "H1" REBAR @ 8" O.C. — (TYPICAL) 2"KEYWAY, SEE NOTE - DOWEL, SEE NÓTE 7'-6" 7'-4" 8'-10" SECTION B-B **PLAN VIEW**

PROJECT REFERENCE NO. SHEET NO. U-3334B 2C-9

PROVIDE ALL JUNCTION BOXES 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.

REFERENCE STD. DWG. 840.25 FOR FRAME ANCHORAGE.

HEIGHT DIMENSIONS MAY BE ADJUSTED DOWN FOR SMALLER PIPES AS DIRECTED

BILL OF MATERIALS				
BAR	NO.	SIZE	LENGTH	WEIGHT
Н	92	#5	7'-0"	672
H1	84	#5	8'-6"	745
V	92	#5	7'-6"	720
Е	8	#5	4'-8''	39
F	8	#5	3'-0"	25
G	42	#5	1'-8"	73
Z	14	#5	4'-0"	59
TOTAL REINF. STEEL (LBS.)				2333
TOTAL CL."AA" CONC.(CU.YDS.) 9.9				

* 1.75 CU. YD. DEDUCTION FOR 2-66" RC PIPE

* NO DEDUCTION HAS BEEN MADE FOR PIPES

12/5/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

TRAFFIC BEARING GRATED DROP INLET

DRAWING NOT TO SCALE