– M

48" RCP

48" RCP

48" RCP

6'-0"

7'-4"

6'-0"

<u>"</u>D" BARS @ 12" CTS.

-"C" BAR @

12" CTS.

SECTION A-A

-"B" BARS @

8" CTS.

"B" BARS @ 8" CTS.

"A" BARS @_ 8" CTS.

PLAN

SEE STANDARD 840.54

FOR MANHOLE COVER & FRAME

8"

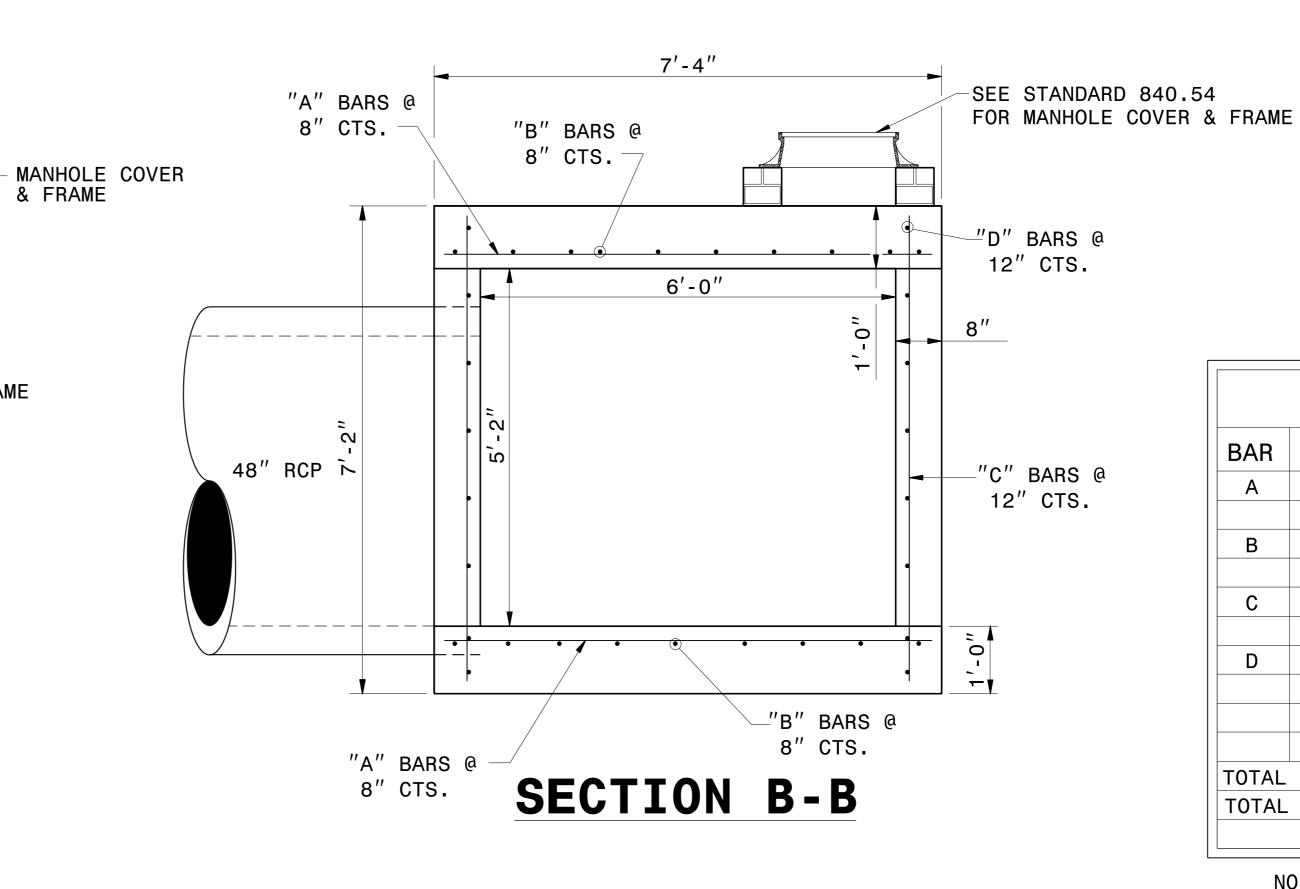
"A" BARS @

8" CTS.

PROJECT REFERENCE NO. SHEET NO. U-3315 2C-8



- 1. PAY FOR QUANTITIES AT THE UNIT PRICE BID PER EACH.
- 2. USE CLASS "AA" CONCRETE THROUGHOUT.
- 3. CONSTRUCT CONCRETE BOX IN ACCORADANCE WITH SECTION 825 OF THE STANDARD SPECIFICATIONS.
- 4. CONSTRUCT BOTTOM SLAB WITH FORMS.
- 5. ADJUST LENGTH OF STEEL BARS AS NEEDED TO COMPENSATE FOR PIPES.
- 6. CONFORM REINFORCING STEEL TO ASTM A 615, GRADE 400.
- 7. CUT OR BEND STEEL BARS AS NEEDED TO PROVIDE 2" CLEARANCE AROUND PIPES OR AS DIRECTED BY THE ENGINEER.



BILL OF MATERIALS				
BAR	QTY	SIZE	LENGTH	WEIGHT
Α	22	#5	7'-0"	161
В	22	#5	7'-0"	161
С	32	#5	6'-10"	228
D	32	#5	7'-0"	234
ט	<u> </u>	πΟ	7 -0	204
TOTAL	784			
TOTAL	7.4			

NO DEDUCTIONS HAVE BEEN MADE TO ACCOMMODATE PIPES.



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

TRAFFIC BEARING JUNCTION BOX - 48" PIPE

ORIGINAL BY	/: <u>rnbritt</u>	DATE: 10-11-04
MODIFIED BY	/:T.Spell	DATE: <u>5-9-05</u>
CHECKED BY:		DATE:
FILE SPEC.:	<u>detail/nbritt/english/rur</u>	al/u3315 tbjb & tbdi.dgn