DocuSign Envelope ID: 7D638AEA-0907-4F74-909A-26E55A954EFB

SEE STANDARD 840.54 FOR MANHOLE COVER & FRAME -

A N

10'-2"

10"

(TYP)

SEE STEP STD.NO.840.66

PROJECT REFERENCE NO. SHEET NO. U-2579AB 2C-12

BAR	NO.	SIZE	LENGTH	WEIGHT
Н	84	#5	9'-6"	833
V	70	#5	9'-2"	670
Z	14	#5	5'-0"	74
TOTAL	1577			
TOTAL	* 15.2			

\* NO DEDUCTION HAS BEEN MADE FOR PIPES

\* 2.00 CU. YD. DEDUCTION FOR 2-72" RC PIPE

GENERAL NOTES:

- "H" #5 REBAR @ 8" O.C. IF REQUIRED (TYPICAL)

72"RCP

DOWEL, 8" SEE NOTE

\_"H" #5 REBAR @ 8" O.C.

"Z" #5 REBARS AROUND PIPE OPENING IN STRUCTURE WALL

(TYPICAL)

(TYPICAL)

"V" #5 REBAR @ 8" O.C.

─ "H" #5 REBAR @ 8" O.C.

#4 BAR-

12"

**DOWEL** 

(TYPICAL)

(TYPICAL)

USE CLASS "B" CONCRETE THROUGHOUT.

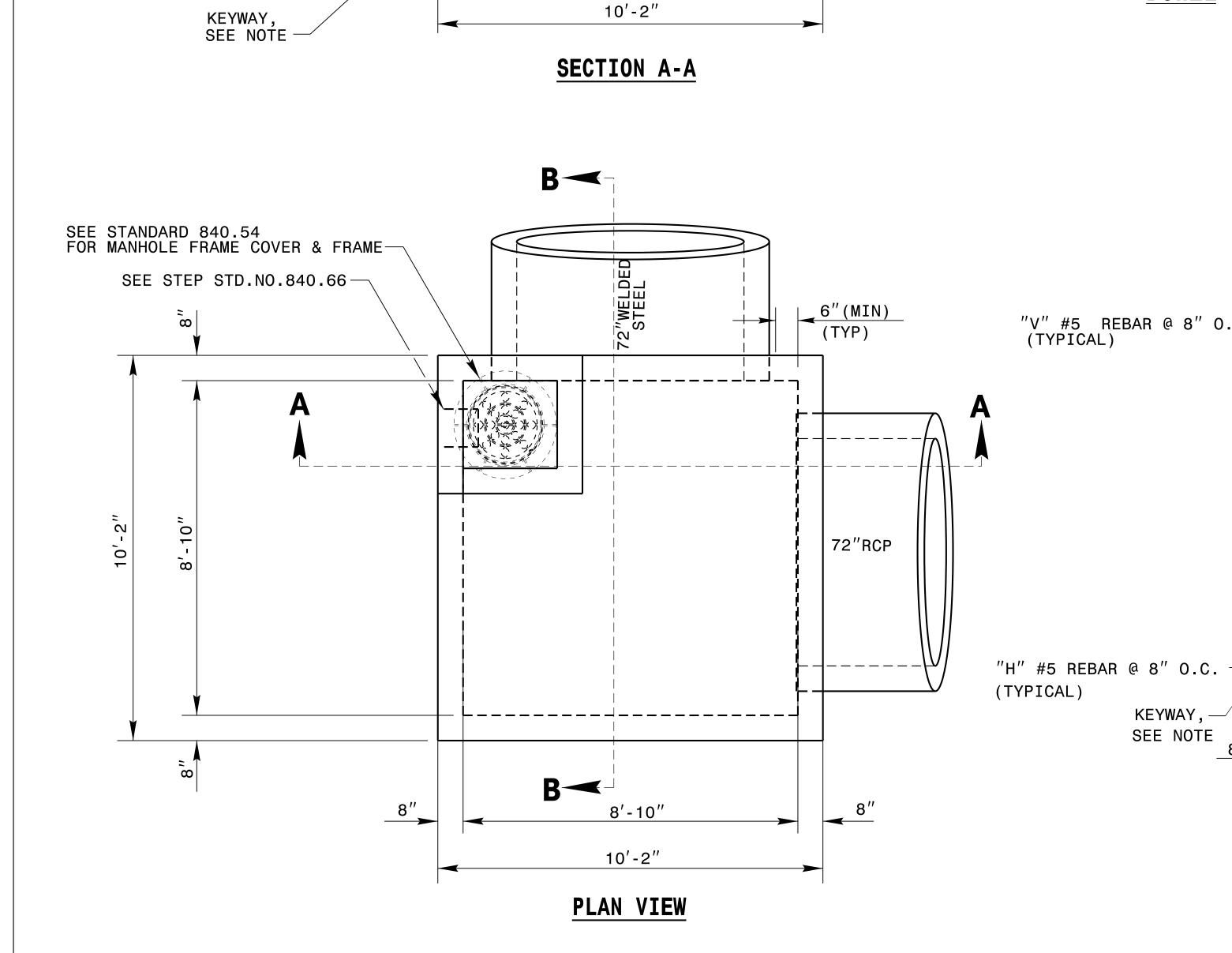
OPTIONAL CONSTRUCTION - MONOLITHIC POUR, 2" KEYWAY, OR #4 BAR DOWELS AT 12" CENTERS OR BRICK/BLOCK WALLS AS DIRECTED BY THE ENGINEER.

USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.

BOX DIMENSIONS MAY BE FIELD ADJUSTED AS DIRECTED BY THE ENGINEER.

2" MINIMUM CONCRETE COVERAGE ON ALL REBAR.

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



72"WELDED

STEEL

8'-10"

"H" #5 REBAR @ 8" O.C. (TYPICAL) \_\_"H" #5 REBAR @ 8" O.C. (TYPICAL) -SEE STANDARD 840.54
FOR MANHOLE COVER & FRAME IF REQUIRED -SEE STEP STD.NO.840.66 VAR. "V" #5 REBAR @ 8" O.C.-(TYPICAL) 172"WELDED STEEL 10 - DOWEL, SEE NOTE KEYWAY,— SEE NOTE 8'-10" 10'-2"

SECTION B-B

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

## SPECIAL JUNCTION BOX WITH SLAB LID

ORIGINAL BY:		DATE:_	
MODIFIED BY:	nbritt	DATE:_	04/17/09
CHECKED BY:_		DATE:_	
FILE SPEC.:_	<u>detail/nbritt/</u>	<u>english/rural/</u>	<u>  r2417c72jb.dgn</u>

S:\Contracts\Contracts\Special Details\nbritt\english\rural\r2 jhowerton AT CSD-292595