

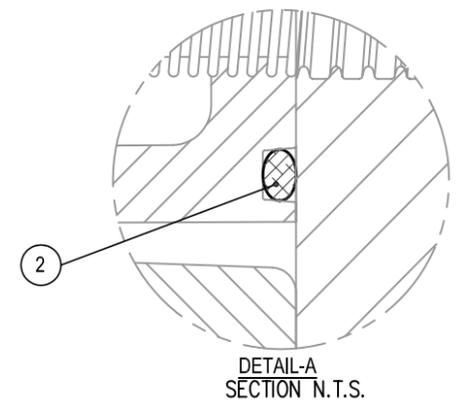
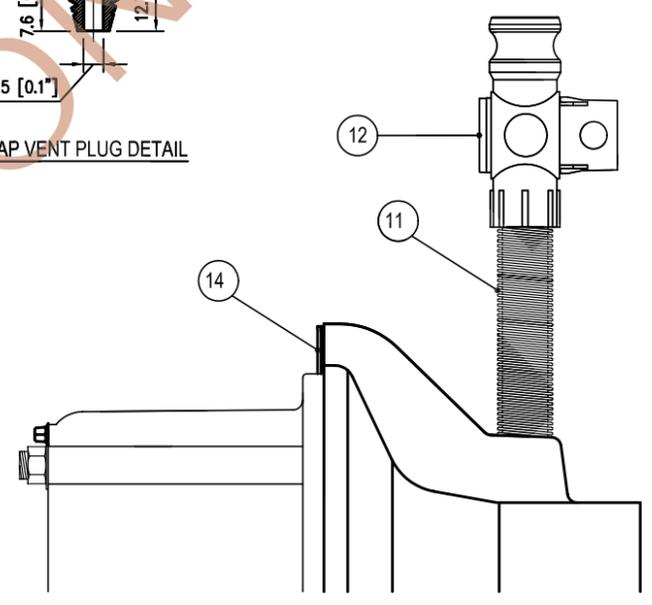
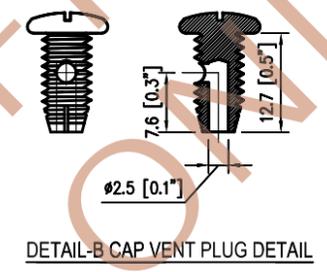
MM	MM	MM	MM	CHK
GDH	GDH	GDH	GDH	BY
	NOTE ADDED	APPROVED FOR CONSTRUCTION	APPROVED FOR CONSTRUCTION	REVISION
3	12/14/07	2	12/01/06	DATE
1	8/8/06	1	8/8/06	REV.

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**NOTE:**  
FLORIDA DOT SPECIFICATION 462-4.2.5.2 REQUIRES THAT THE INTERNAL CROSS-SECTIONAL AREA OF DUCT USED IN MULTI-STRAND TENDONS BE AT LEAST 2 -1/2 TIMES LARGER THAN THE CROSS-SECTIONAL AREA OF PRESTRESSING STEEL; THEREFORE, WHEN USING 85MM GTI DUCT WITH VSL'S ECI 6-19 SYSTEM, A MAXIMUM OF 16 STRANDS CAN BE USED (A MINIMUM OF THREE WEDGE CAVITIES MUST BE UNUSED)

ITEM	QTY	DESCRIPTION	MATERIAL	DRAWING REFERENCE	INVENTORY NUMBER
18*	1	SPIRAL, #5, DIA. 15", 2" PITCH, 10.5 TURNS	A615		02BP0094
17*	1	SPIRAL, #5, DIA. 17", 2" PITCH, 11 1/2 TURNS	A615		02BP0093
16	1	GTI 85 mm DUCT	ASTM D4101	GTI 220350	GTI 220350
15	1	HEAT SHRINK SLEEVE (6" LONG)			(CANUSA PLA-115-YE)
14	1	BEARING PLATE GROUT PLUG, 23mm	HDPE	C583	02DT0341
13	1	ECI 6-19 TRUMPET	HDPE	C579	02BP4322
12	1	GROUT VALVE, 23mm	P.S.	C500 & C501	02DT0311
11		GROUT HOSE, 23mm (21mm)	P.E.		02DT0310
10	1	CAP VENT PLUG - SS SCREW	STAINLESS STEEL		02WX7001
9		GROUT	JOB SPECIFIC		
8	19	1.6G WEDGE	11-L-17	C218.1	02WG0008
7	1	ECI 6-19 ANCHOR HEAD	A536 GR80-55-06	C558	02AH0038
6	1	ECI 6-19 GALV BEARING PLATE	A536 GR80-55-06	C554	02BP0038
5	4	1/2"-13 NUT	(316L) STAINLESS	-	02WX5033
4	4	Ø1/2" FLAT WASHER	(316L) STAINLESS	-	INCLUDED W/02WX5033
3	4	1/2-13 NC x 7"	(316L) STAINLESS	-	INCLUDED W/02WX5033
2	1	6-19 GROUT CAP O-RING	BUNA-N 70 D.	-	02WX6020
1	1	6-19 GROUT CAP	ABS LUSTRAN 633	C549	02WX6019



\* USE ITEM 17 FOR CONCRETE WITH  $f_c' = 3500$  psi, ITEM 18 FOR CONCRETE WITH  $f_c' = 5500$  psi  
ITEM 17 IS SHOWN ON ELEVATION

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SCALE: NONE  
VSL JOB NO:  
VSL DWG. NO. A226

DWG. TITLE: ECI 6-19 INTERNAL TENDON W/ GTI 85mm DUCT ANCHORAGE ASSEMBLY  
PROJECT: VSL SYSTEMS DRAWING