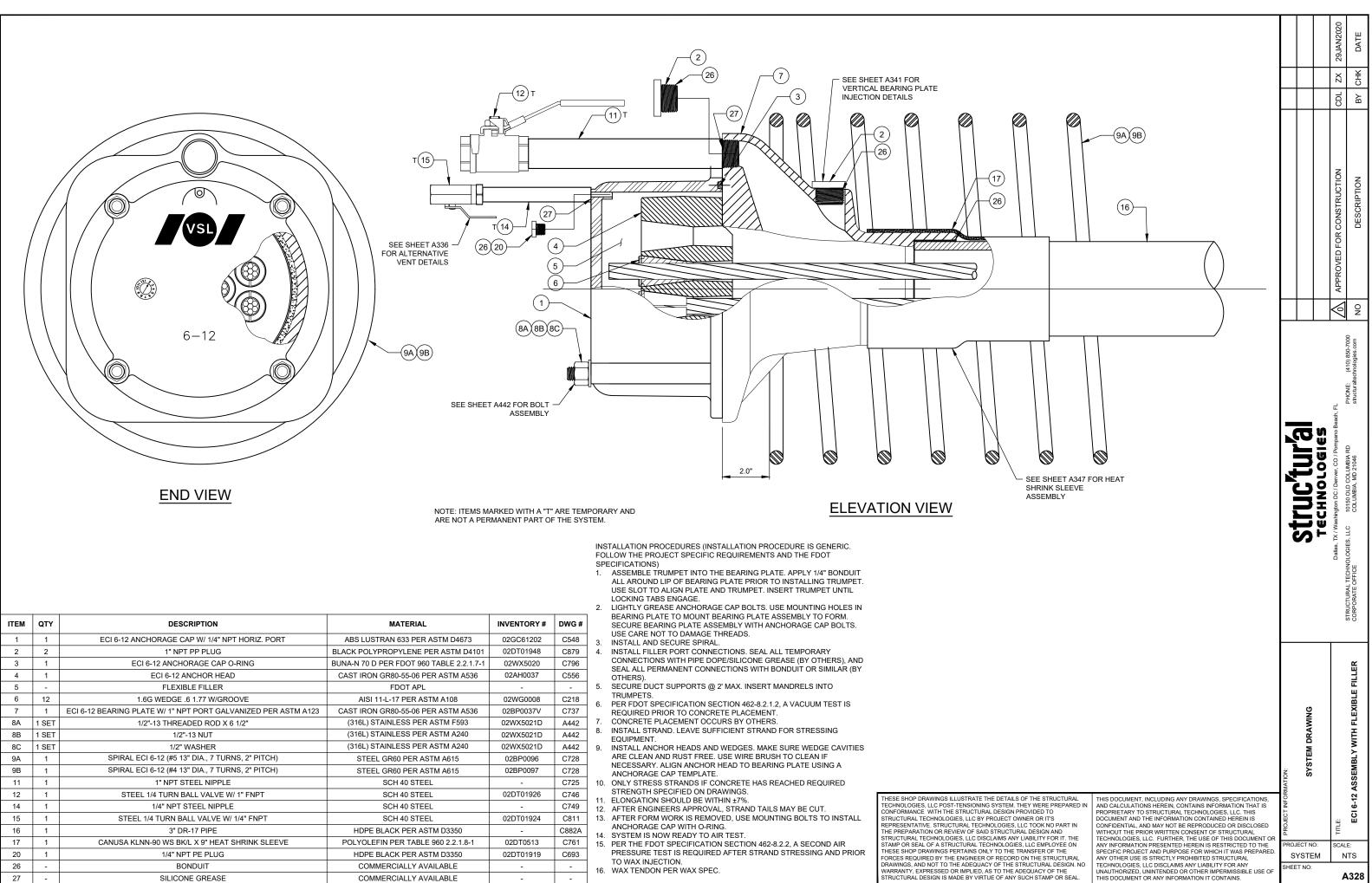
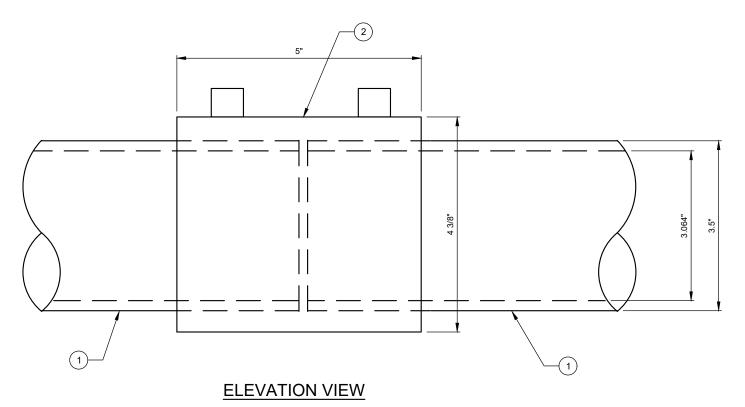


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SYSTEM DRAWING SYSTEM DRAWING SHEET NO:	Struc tur al					
ECI 6-12 TENDON W/ FLEXIBLE FILLER STA WITH BG578 BLY BG578 BLY	Dallas, TX / Washington DC / Denver, CO / Pompano Beach, FL         Dallas, TX / Washington DC / Denver, CO / Pompano Beach, FL           STRUCTURAL TECHNOLOGIES, LLC         10150 OLD COLUMBIA RD         PHONE: (410) 850-7000           CORPORATE OFFICE         COLUMBIA, MD 21046         structuraltechnologies com	APPROVED FO NO	APPROVED FOR CONSTRUCTION DESCRIPTION	CDL ZX BY CHK	K DATE	2020 E
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System Drawings\Work In Progress Drawings\Work In Progress Drawings	ITEM	QTY	DESCRIPTION	MATERIAL	INVENTORY #	DWG #
gres	1	1	ECI 6-12 ANCHORAGE CAP W/ 1/4" NPT HORIZ. PORT	ABS LUSTRAN 633 PER ASTM D4673	02GC61202	C548
n Pro	2	2	1" NPT PP PLUG	BLACK POLYPROPYLENE PER ASTM D4101	02DT01948	C879
/ork	3	1	ECI 6-12 ANCHORAGE CAP O-RING	BUNA-N 70 D PER FDOT 960 TABLE 2.2.1.7-1	02WX5020	C796
lgs/M	4	1	ECI 6-12 ANCHOR HEAD	CAST IRON GR80-55-06 PER ASTM A536	02AH0037	C556
rawir	5	-	FLEXIBLE FILLER	FDOT APL	-	-
ss D	6	12	1.6G WEDGE .6 1.77 W/GROOVE	AISI 11-L-17 PER ASTM A108	02WG0008	C218
rogre	7	1	ECI 6-12 BEARING PLATE W/ 1" NPT PORT GALVANIZED PER ASTM A123	CAST IRON GR80-55-06 PER ASTM A536	02BP0037V	C737
In P	8A	1 SET	1/2"-13 THREADED ROD X 6 1/2"	(316L) STAINLESS PER ASTM F593	02WX5021D	A442
Nork	8B	1 SET	1/2"-13 NUT	(316L) STAINLESS PER ASTM A240	02WX5021D	A442
ings\	8C	1 SET	1/2" WASHER	(316L) STAINLESS PER ASTM A240	02WX5021D	A442
Draw	9A	1	SPIRAL ECI 6-12 (#5 13" DIA., 7 TURNS, 2" PITCH)	STEEL GR60 PER ASTM A615	02BP0096	C728
tem [	9B	1	SPIRAL ECI 6-12 (#4 13" DIA., 7 TURNS, 2" PITCH)	STEEL GR60 PER ASTM A615	02BP0097	C728
	11	1	1" NPT STEEL NIPPLE	SCH 40 STEEL	-	C725
I:\VSL	12	1	STEEL 1/4 TURN BALL VALVE W/ 1" FNPT	SCH 40 STEEL	02DT01926	C746
	14	1	1/4" NPT STEEL NIPPLE	SCH 40 STEEL	-	C749
ATIC	15	1	STEEL 1/4 TURN BALL VALVE W/ 1/4" FNPT	SCH 40 STEEL	02DT01924	C811
PO	16	1	3" DR-17 PIPE	HDPE BLACK PER ASTM D3350	-	C882A
FILE	17	1	CANUSA KLNN-90 WS BK/L X 9" HEAT SHRINK SLEEVE	POLYOLEFIN PER TABLE 960 2.2.1.8-1	02DT0513	C761
<b>CTRONIC FILE LOCATION:</b>	20	1	1/4" NPT PE PLUG	HDPE BLACK PER ASTM D3350	02DT01919	C693
CTRC	26	-	BONDUIT	COMMERCIALLY AVAILABLE	-	-



INSTALLATION PROCEDURE (SEE MANUFACTURER INSTRUCTION MANUAL FOR DETAILED INSTALLATION INSTRUCTIONS):

- CUT SQUARE ENDS ON PIPE TO BE FUSED
- CLEAN BOTH PIPE ENDS 2.
- SCRAPE BOTH PIPES MINIMUM 0.07" WITH PROVIDED SCRAPING TOOL 3.
- CLEAN BOTH PIPE ENDS USING 90% OR GREATER ISOPROPYL ALCOHOL
- USE REROUNDING TOOLS PROVIDED TO CORRECT OVAL PIPE IF 5. NECESSARY
- 6. USE ALIGNMENT CLAMPS PROVIDED TO ENSURE PIPE IS ALIGNED WITH COUPLER
- SUPPORT PIPE AND COUPLER AND RESTRAIN PIPE TO PREVENT 7. MOVEMENT
- CHECK FOR GAPS AND ELIMINATE AS NECESSARY ATTACH LEADS OF THE PROVIDED FUSION PROCESSOR TO THE 8. 9. COUPLER

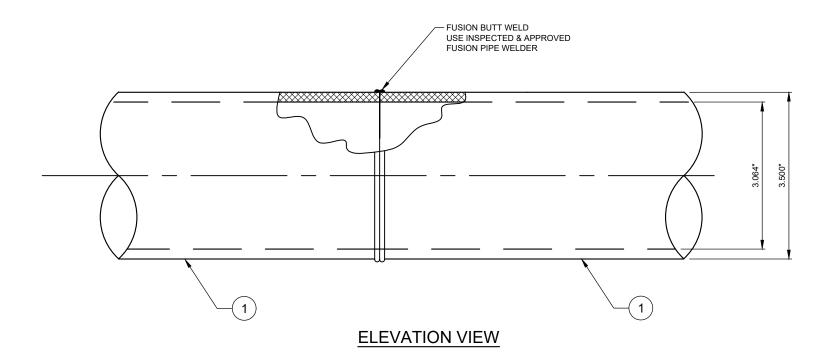
- SCAN THE BARCODE ON THE COUPLER
   START FUSION PROCESS
   WHEN FUSION PROCESS IS COMPLETE, UNPLUG THE LEADS
- 13. DO NOT MOVE OR PRESSURIZE THE JOINT COMPONENTS BEFORE
- COOLING TIME HAS COMPLETED

NOTE: FOLLOW COUPLER MANUFACTURER'S INSTALLATION INSTRUCTIONS

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DNIC FIL	ITEM	QTY	DESCRIPTION	MATERIAL	INVENTORY #	DWG #
CTRO	1	-	3" HDPE PIPE DR-17	HDPE BLACK PER ASTM D3350	-	C882A
ĒLĒ	2	1	3" ELECTROFUSION COUPLER	COMPOSITE	02EF0003	C896

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SCA		TECHNOLOGIES	<u> </u>				
J		ashii	7	APPROVED FOR CONSTRUCTION	C	DL ZX	CDL ZX 29JAN2020
C III S INDE NICE NICE OUPLER CONNECTION		STRUCTURAL TECHNOLOGIES, LLC 10150 OLD COLUMBIA RD CORPORATE OFFICE COLUMBIA, MD 21046	PHONE: (410) 850-7000 structuraltechnologies.com	NO DESCRIPTION	B	Y CHK	вү снк рате



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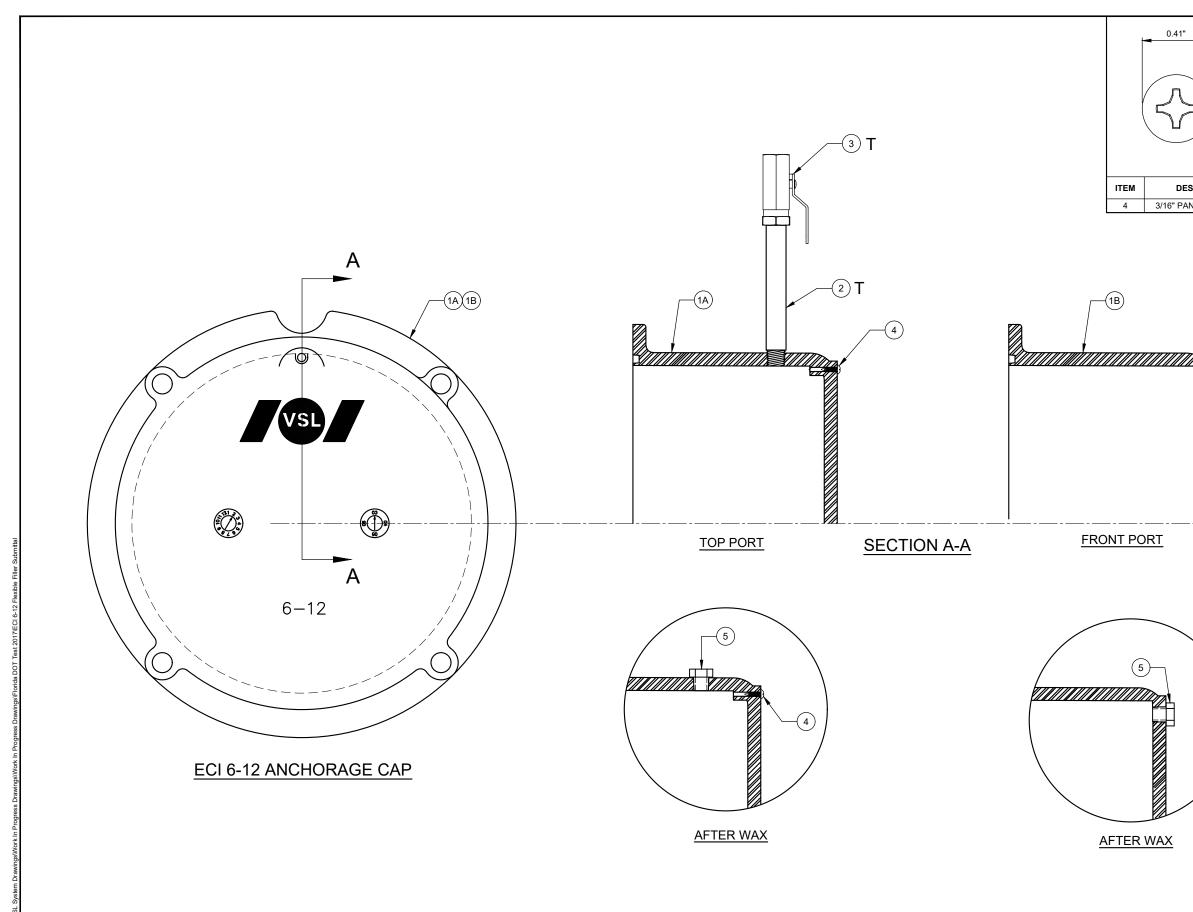
CTRON	ITEM	QTY	DESCRIPTION	MATERIAL	DWG #	
Ξ	1	2	3" HDPE PIPE DR-17	HDPE BLACK PER ASTM D3350	C882A	4

NOTES: HDPE 3" IPS/DR-17 MEETS FDOT 960 SPEC. SEE VSL BUTT-WELDING PROCEDURE IN APPENDIX 1. 2.

ProJect InFormation:       SYSTEM DRAWING       STUDUCULA         Internation:       SYSTEM DRAWING       Internation         Internation:       SYSTEM DRAWING       Internation         Internation:       Internation       Internation       Internation         Internation:       Internation       Internation       Internation       Internation         Internation:       Internation       Internation       Internation       Internation       Internation         Internation:       Internation       Internation       Internation       Internation       Internation       Internation         Internation:       Internation       Internation       Internation       Internation       Internation         Internation:       Internation       Internation       Internation       Internation       Internation         Internation:       Internation <t< th=""><th>SED NT OR THE PARED. SE OF</th><th>DNS, F IS</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	SED NT OR THE PARED. SE OF	DNS, F IS						
2     TITLE:     Dalas: TX /Washington DC / Penver, CO / Pompano Beach, FL     APPROVED FOR CONSTRUCTION       2     TYPICAL 3" HDPE PIPE FUSION     STRUCTURAL TECHNOLOSIES, LLC     10150 OLD COLUMBIA RD     PHONE: (410) 866-7000       3     TYPICAL 3" HDPE PIPE FUSION     SCRPORATE OFFICE     COLUMBIA RD     PHONE: (410) 866-7000     APPROVED FOR CONSTRUCTION       4     WeLDED CONNECTION     NO     DESCRIPTION     NO     DESCRIPTION	PROJECT NO: SYSTEM	T INFORMATION: SYSTEM DRAWING	Struc tur'al Technologies					
	F SCAL N		tshington DC / Denver, CO / Pompano Beach, Fl	$\langle$	APROVED FOR CONSTRUCTION	CDL	XZ	29JAN2020
	e: ITS	CAL 3" HDPE PIPE TO 3" HDPE PIPE FUSION WELDED CONNECTION	10150 OLD COLUMBIA RU COLUMBIA, MD 21046	0 N	DESCRIPTION	ВΥ	CHK	DATE

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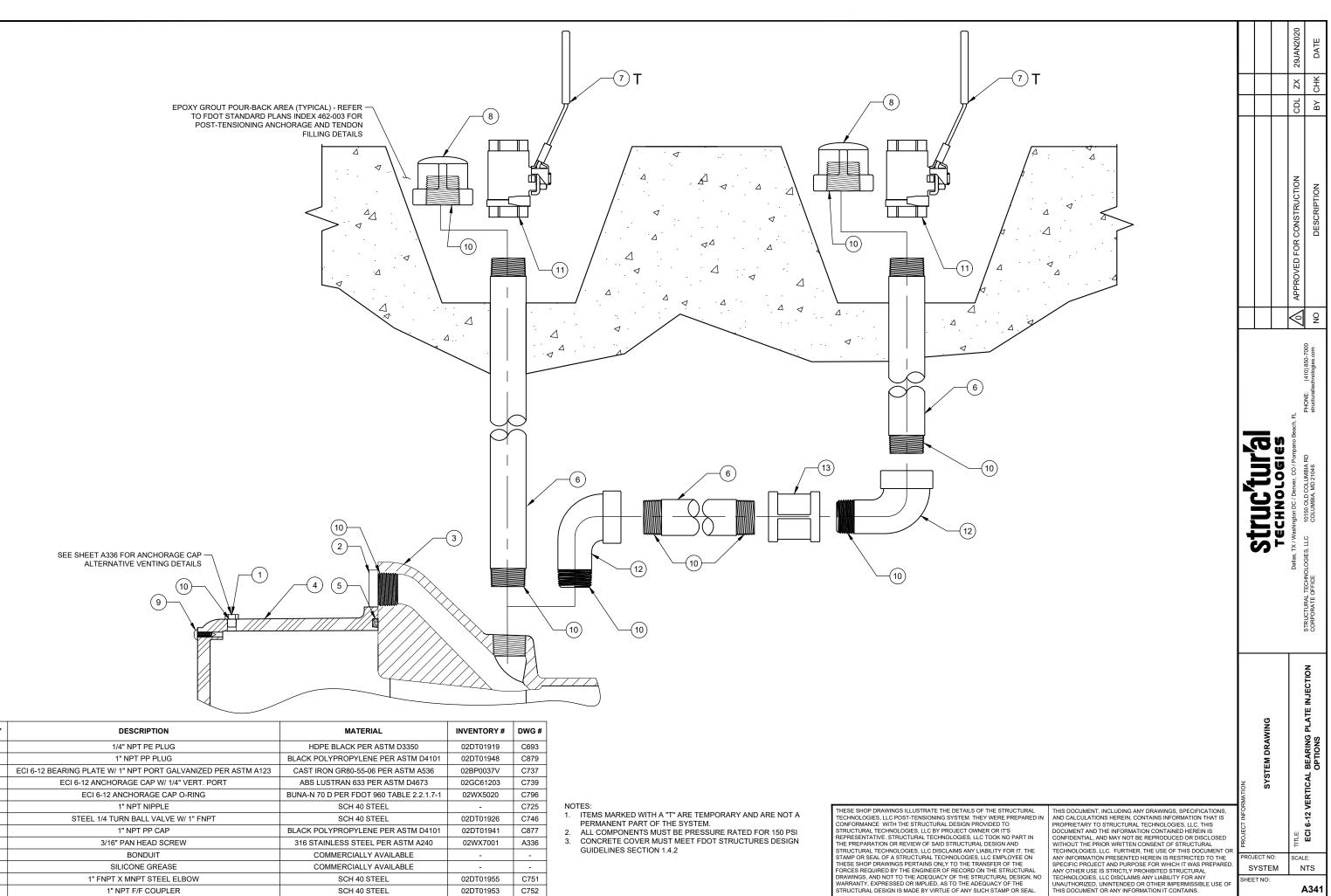


ITEM	QTY	DESCRIPTION	MATERIAL	INVENTORY #	DWG #
1A	1	ECI 6-12 ANCHORAGE CAP W/ 1/4" VERT. PORT	ABS LUSTRAN 633 PER ASTM D4673	02GC61203	C739
1B	1	ECI 6-12 ANCHORAGE CAP W/ 1/4" HORIZ. PORT	ABS LUSTRAN 633 PER ASTM D4673	02GC61202	C548
2	1	1/4" NPT STEEL NIPPLE	SCH 80 STEEL	-	C749
3	1	STEEL 1/4 TURN BALL VALVE W/ 1/4" FNPT	SCH 80 STEEL	02DT01924	C744
4	1	3/16" PAN HEAD SCREW	(316L) STAINLESS PER ASTM A240	02WX7001	A336
5	1	1/4" NPT PE PLUG	HDPE BLACK PER ASTM D3350	02DT01919	C693

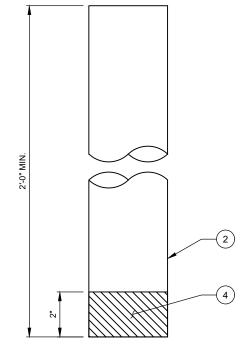
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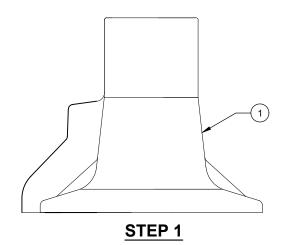
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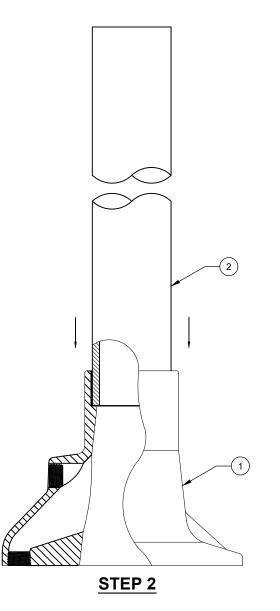


ITEM	QTY	DESCRIPTION	MATERIAL	INVENTORY #	DWG #
1 2	1	1/4" NPT PE PLUG	HDPE BLACK PER ASTM D3350	02DT01919	C693
<sub>ຄື</sub> 2	1	1" NPT PP PLUG	BLACK POLYPROPYLENE PER ASTM D4101	02DT01948	C879
3	1	ECI 6-12 BEARING PLATE W/ 1" NPT PORT GALVANIZED PER ASTM A123	CAST IRON GR80-55-06 PER ASTM A536	02BP0037V	C737
4	1	ECI 6-12 ANCHORAGE CAP W/ 1/4" VERT. PORT	ABS LUSTRAN 633 PER ASTM D4673	02GC61203	C739
6 5	1	ECI 6-12 ANCHORAGE CAP O-RING	BUNA-N 70 D PER FDOT 960 TABLE 2.2.1.7-1	02WX5020	C796
6	1	1" NPT NIPPLE	SCH 40 STEEL	-	C725
7 8	1	STEEL 1/4 TURN BALL VALVE W/ 1" FNPT	SCH 40 STEEL	02DT01926	C746
	1	1" NPT PP CAP	BLACK POLYPROPYLENE PER ASTM D4101	02DT01941	C877
9	1	3/16" PAN HEAD SCREW	316 STAINLESS STEEL PER ASTM A240	02WX7001	A336
10	-	BONDUIT	COMMERCIALLY AVAILABLE	-	-
11 12	-	SILICONE GREASE	COMMERCIALLY AVAILABLE	-	-
12	2	1" FNPT X MNPT STEEL ELBOW	SCH 40 STEEL	02DT01955	C751
13	1	1" NPT F/F COUPLER	SCH 40 STEEL	02DT01953	C752

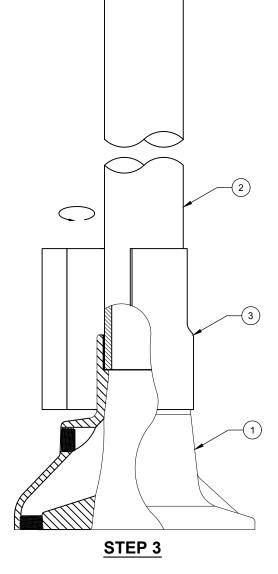




STEP 1
 ORIENT BEARING PLATE IN VERTICAL POSITION.
 APPLY BONDUIT AROUND OUTSIDE OF END OF PIPE (2" MIN.) THAT WILL BE INSERTED INTO BEARING PLATE. TOTAL PIPE LENGTH SHOULD BE 2-0" MIN.



STEP 2 1. INSERT PIPE INTO BEARING PLATE. 2. WAIT MIN. 1 HOUR FOR BONDUIT TO SET.

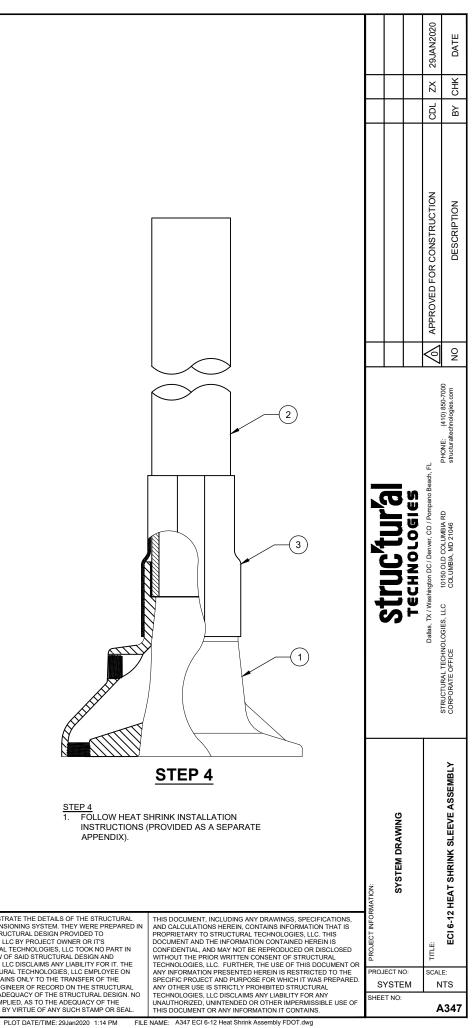


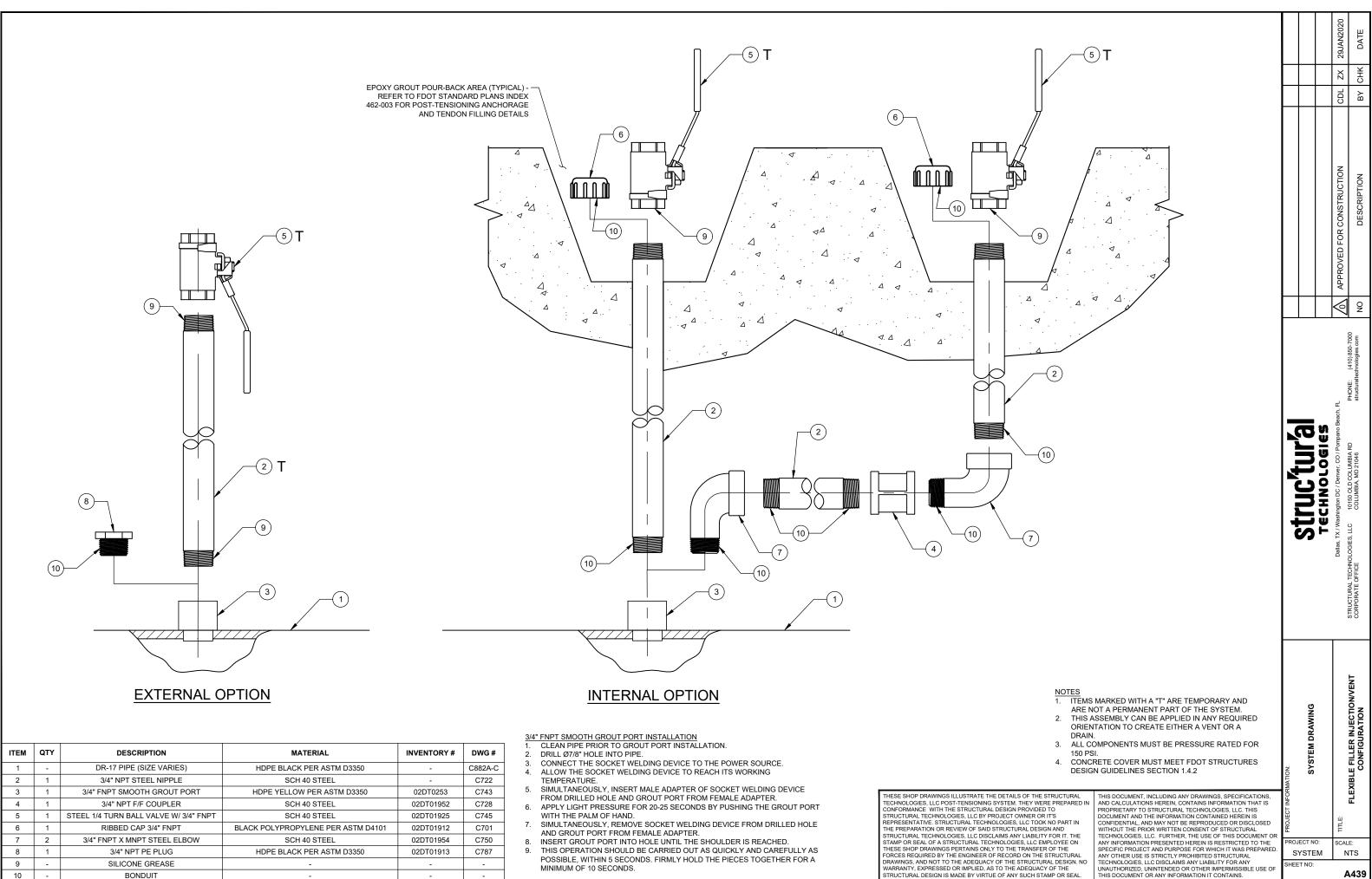
STEP 3

1. AFTER BONDUIT HAS SET FOR 1 HOUR, WRAP HEAT SHRINK SLEEVE AROUND BEARING PLATE AND PIPE AS SHOWN.

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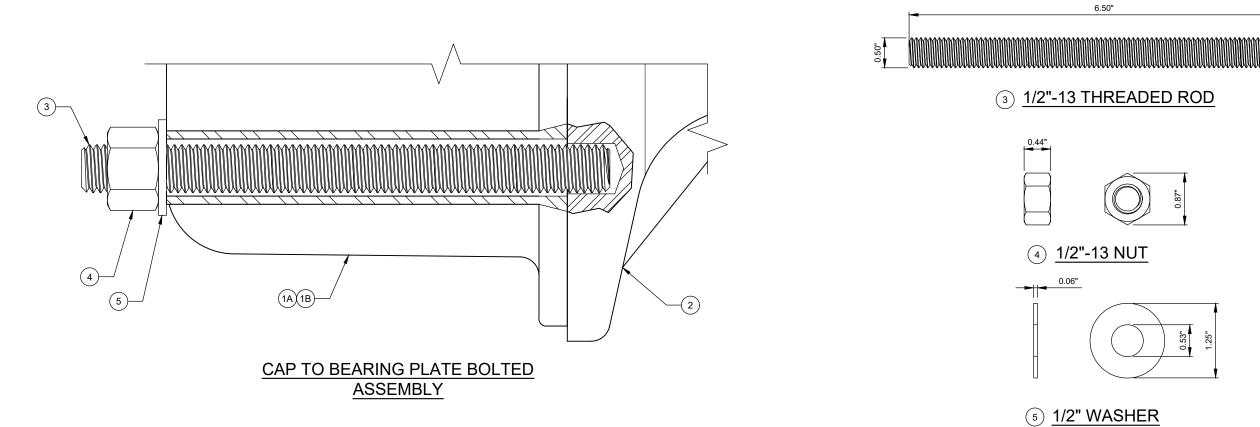
ITEM	QTY	DESCRIPTION	MATERIAL	INVENTORY #	DWG #
1	1	ECI 6-12 BEARING PLATE W/ 1" NPT PORT GALVANIZED PER ASTM A123	CAST IRON GR80-55-06 PER ASTM A536	02BP0037V	C737
2	1	3" DR-17 PIPE	HDPE PER ASTM D3350	-	C882A
3	1	CANUSA KLNN-90 WS BK/L X 9" HEAT SHRINK SLEEVE	POLYOLEFIN PER FDOT 960 TABLE 2.2.1.8-1	02DT0513	C761
4	-	BONDUIT	-	-	-



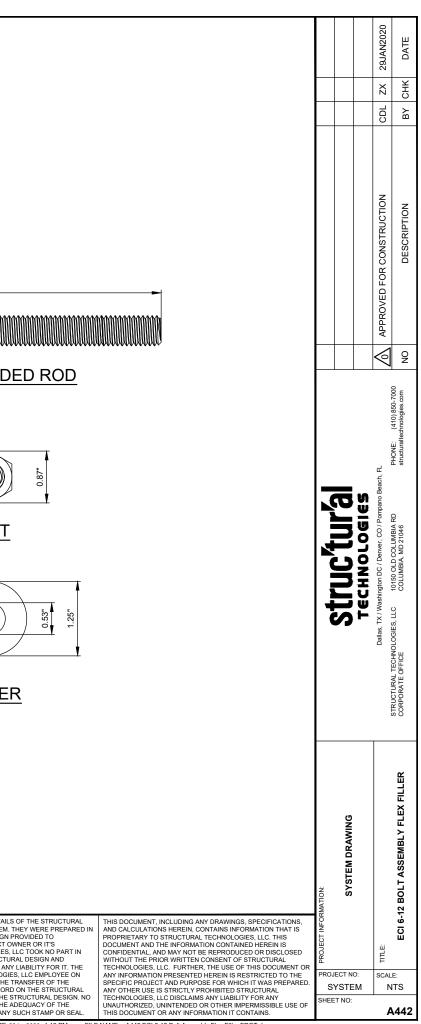


ITEM	QTY	DESCRIPTION	MATERIAL	INVENTORY #	DWG #
1	-	DR-17 PIPE (SIZE VARIES)	HDPE BLACK PER ASTM D3350	-	C882A-C
2	1	3/4" NPT STEEL NIPPLE	SCH 40 STEEL	-	C722
3	1	3/4" FNPT SMOOTH GROUT PORT	HDPE YELLOW PER ASTM D3350	02DT0253	C743
4	1	3/4" NPT F/F COUPLER	SCH 40 STEEL	02DT01952	C728
5	1	STEEL 1/4 TURN BALL VALVE W/ 3/4" FNPT	SCH 40 STEEL	02DT01925	C745
6	1	RIBBED CAP 3/4" FNPT	BLACK POLYPROPYLENE PER ASTM D4101	02DT01912	C701
7	2	3/4" FNPT X MNPT STEEL ELBOW	SCH 40 STEEL	02DT01954	C750
8	1	3/4" NPT PE PLUG	HDPE BLACK PER ASTM D3350	02DT01913	C787
9	-	SILICONE GREASE	-	-	-
10	-	BONDUIT	-	-	-

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N: I:NO	ITEM	QTY	DESCRIPTION	MATERIAL	INVENTORY #	DWG #	
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Ĕ	1B	B 1 ECI 6-12 ANCHORAGE CAP W/ 1/4" NPT VERT. PORT		ABS PER ASTM D4673	02GC61203	C739	
E	2	1	ECI 6-12 BEARING PLATE W/ 1" NPT PORT GALVANIZED PER ASTM A123	IRON GR80-55-06 PER ASTM A536	02BP0037V	C737	
ONIC	3	1 SET	1/2"-13 THREADED ROD X 6 1/2"	(316L) STAINLESS PER ASTM F593	02WX5021D	A442	
CTR(	4	1 SET	1/2"-13 NUT	(316L) STAINLESS PER ASTM A240	02WX5021D	A442	
Ē	5	1 SET	1/2" WASHER	(316L) STAINLESS PER ASTM A240	02WX5021D	A442	



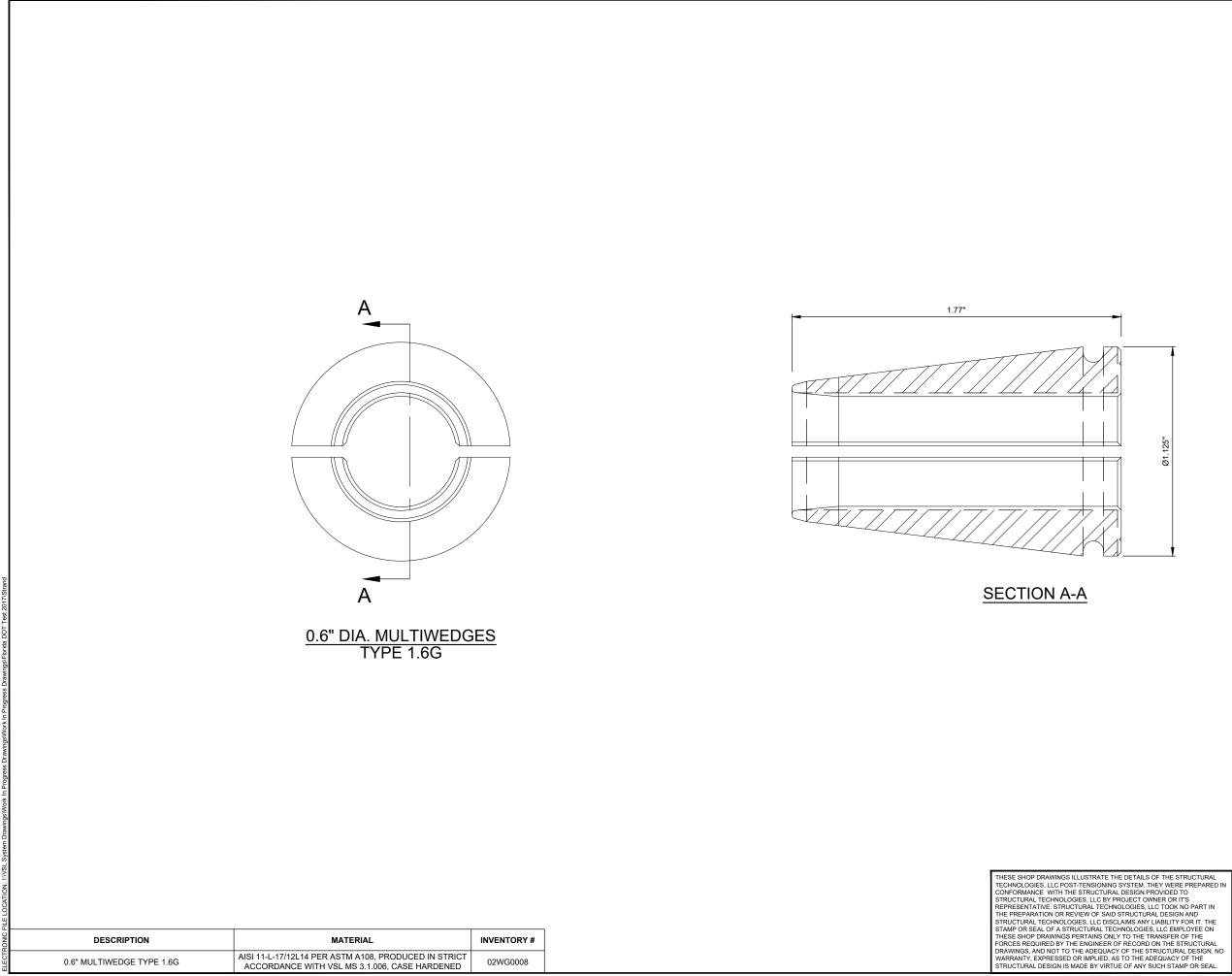
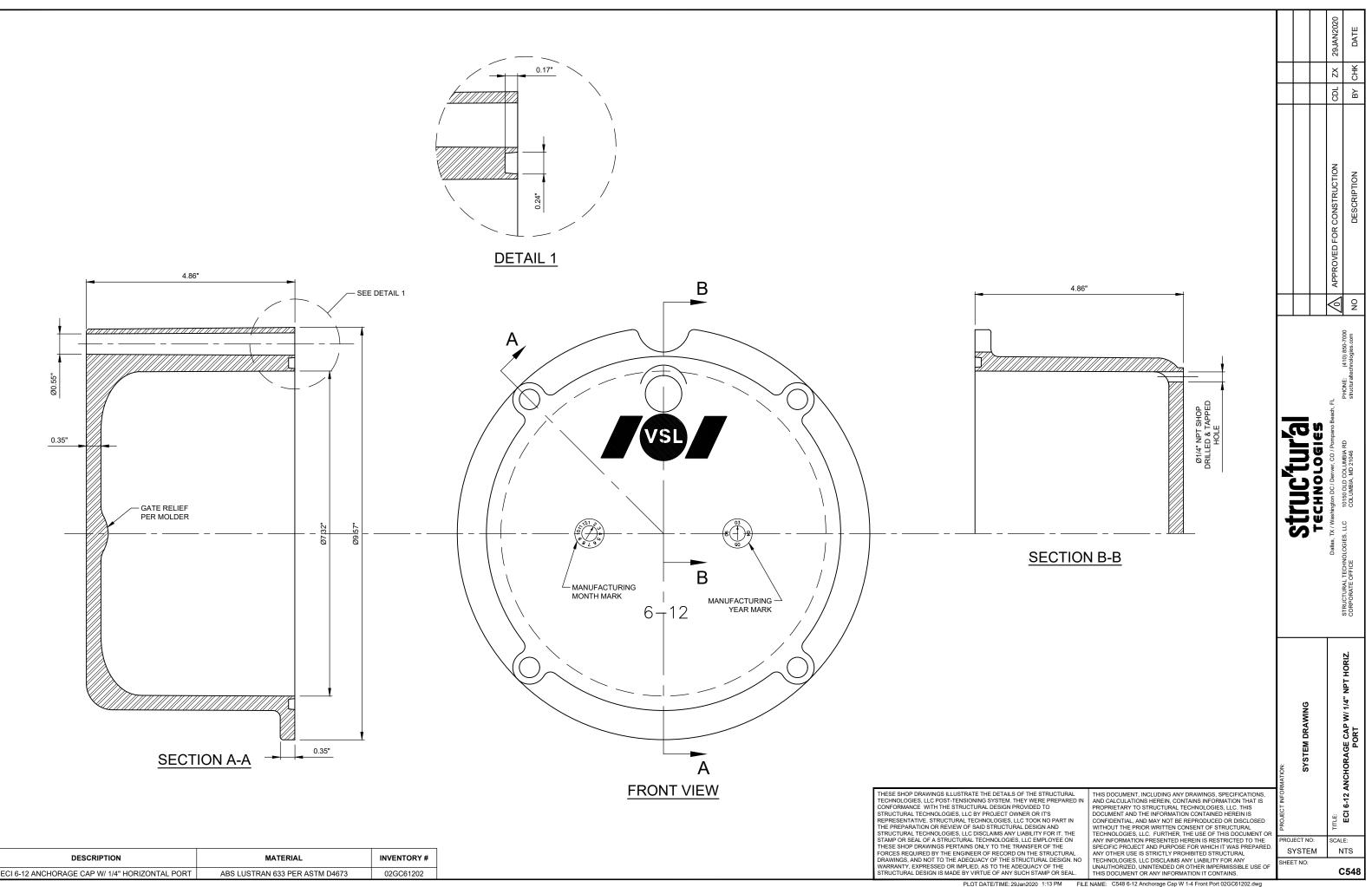
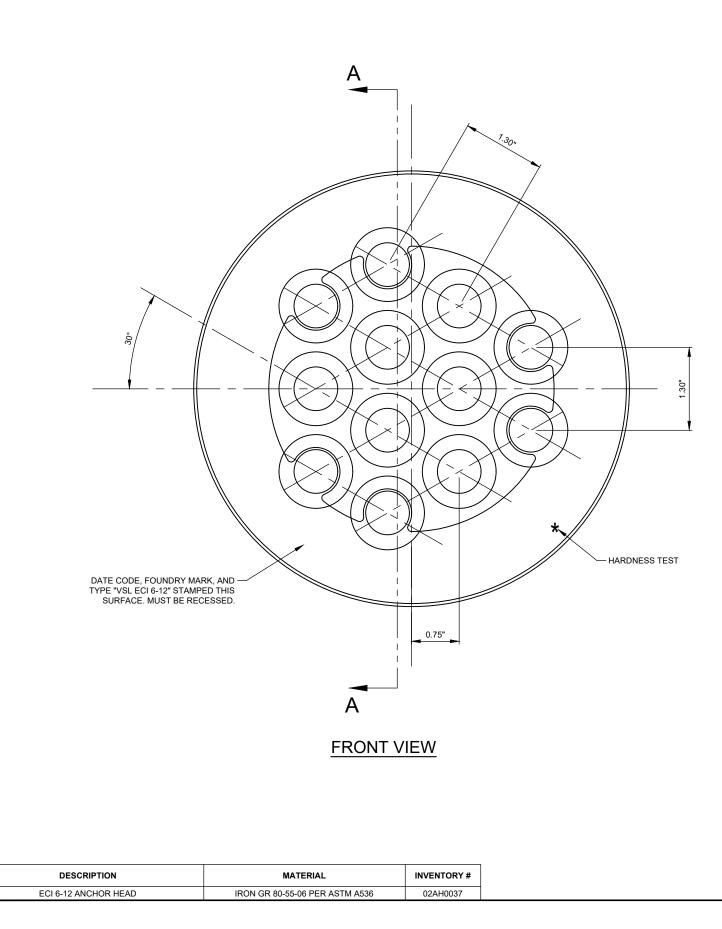
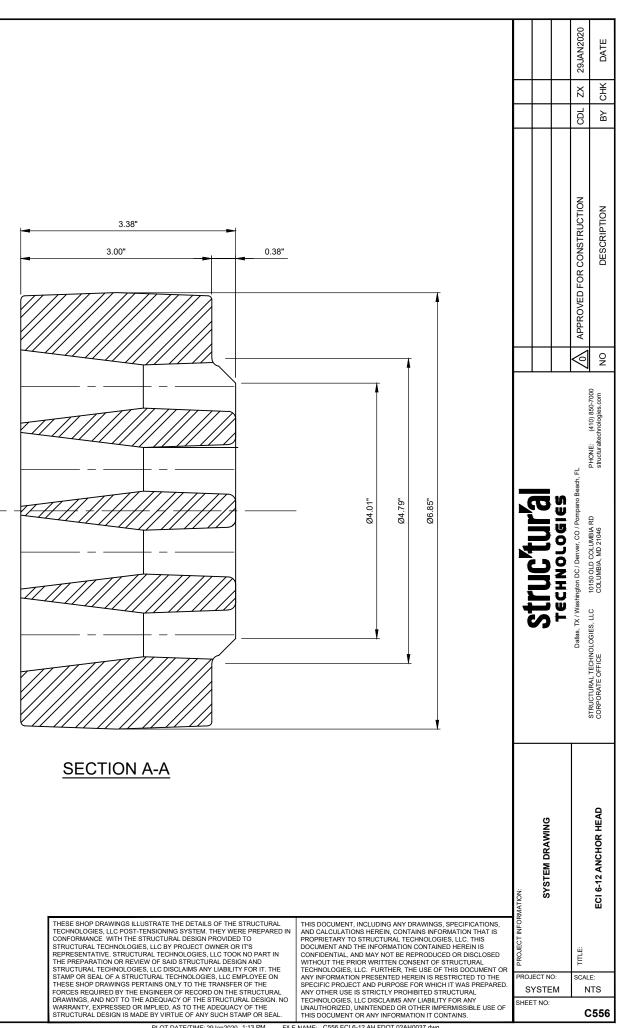


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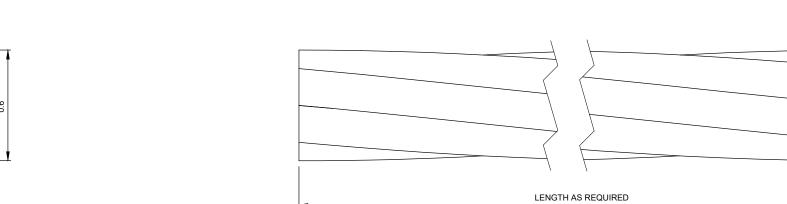
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THESE SHOP DRAWINGS ILLUSTRATE THE DETAIL: TECHNOLOGIES, LLC POST-TENSIONING SYSTEM. CONFORMANCE WITH THE STRUCTURAL DESIGN STRUCTURAL TECHNOLOGIES, LLC BY PROJECT C REPRESENTATIVE. STRUCTURAL TECHNOLOGIES, THE PREPARATION OR REVIEW OF SAID STRUCTUR STRUCTURAL TECHNOLOGIES, LLC DISCLAIMS AN STAMP OR SEAL OF A STRUCTURAL TECHNOLOGI THESE SHOP DRAWINGS PERTAINS ONLY TO THE
THESE SHOP DRAWINGS PERTAINS ONLY TO THE FORCES REQUIRED BY THE ENGINEER OF RECOR DRAWINGS, AND NOT TO THE ADEQUACY OF THE WARRANTY, EXPRESSED OR IMPLIED, AS TO THE. STRUCTURAL DESIGN IS MADE BY VIRTUE OF ANY

DESCRIPTION	MATERIAL	INVENTORY #
VSL POST TENSIONING 0.6" BARE STRAND	LOW-RELAXATION STEEL, SEVEN WIRE STRAND PER ASTM A416, 270KSI	VA02SD0013

		TECHNOLOGIES	Dallas, TX / Washington DC / Denver, CO / Pompano Beach, Fl	VSL POST TENSIONING 0.6" BARE STRAND STRUCTURAL TECHNOLOGIES, LLC 1019 GUD COLUMBIA RD PHONE: (410) 869-7000 CORPORATE OFFICE COLUMBIA, ND 21046 structuratechnologies com NO DESCRIPTION BY CHK DATE
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		RMATION: SYSTEM DRAWING	POST TENSIONING 0.6" BARE STRAN ASTM A416, 270KSI
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BIES, LLC EMPLOYEE ON E TRANSFER OF THE	ANY INFORMATION PRESENTED HEREIN IS RESTRICTED TO THE SPECIFIC PROJECT AND PURPOSE FOR WHICH IT WAS PREPARED.	PROJECT NO:	SCALE:
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: 29Jan2020 12:02 PM FILE	NAME: C674 0.6IN Bare Strand (270KSI) FDOT.DWG		

			FRONT VIEW	1/4" NPT	
FLE LOCATION: FIVSL System Drawrgs Work in Progress DrawingsNorda DOI 1 test 2017/1-Bixtibe Filler Accessories				<u>SIDE VIEW</u>	
DESCRIPTION		INVENTORY #	NOTE: MATERIAL MEETS OR EXCEEDS FDOT SPECIFICATION 960	TECHNOLOGIES, CONFORMANCE U STRUCTURAL TEC REPRESENTATIVE THE PREPARATIO STRUCTURAL TEC STRUCTURAL TEC STRUCTURAL TEC DRAWINGS, AND I URAWINGS, AND I WARRANTY, EXPE	WINGS ILLUSTRATE THE DETAIL LC POST-TENSIONING SYSTEM WITH THE STRUCTURAL DESIGN HNOLOGIES, LLC BY PROJECT . STRUCTURAL TECHNOLOGIES N OR REVIEW OF SAID STRUCT HNOLOGIES, LLC DISCLAIMS AN F A STRUCTURAL TECHNOLOG WINGS PERTAINS ONLY TO THE F A STRUCTURAL TECHNOLOG WINGS PERTAINS ONLY TO THE ENGINEER OF RECO IOT TO THE ADEQUACY OF THE ESSED OR IMPLIED, AS TO THE SIGN IS MADE BY VIRTUE OF AN
1/4" NPT PE PLUG	HDPE BLACK PER ASTM D3350	02DT01919		STRUCTURAL DES	SIGN IS MADE BY VIRTUE OF ANY PLOT DATE/TIME:

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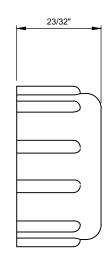
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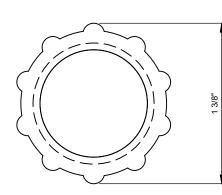
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		APPROVED FOR CONSTRUCTION         CDL         ZX         29JAN2020           VO         DESCRIPTION         BY         CHK         DATE
	struc'tur'a	ashington DC / Derwer, CO / Pompano Beach, FL 10150 OLD COLUMBIA RD PHONE: (110) 850-7000 COLUMBIA, MD 21046 structuraltechnologies.com
DNS, T IS		Dallas, TX /W 1/4" NPT PE PLUG CORPORATE OFFICE
DSED ENT OR THE PARED. JSE OF	PROJECT NO: SYSTEM SHEET NO:	SCALE: NTS C693

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ME: 29Jan2020 11:50 AM FILE NAME: C693 1\_4in NPT PE Plug FDOT 02DT01919.dwg





TOP VIEW

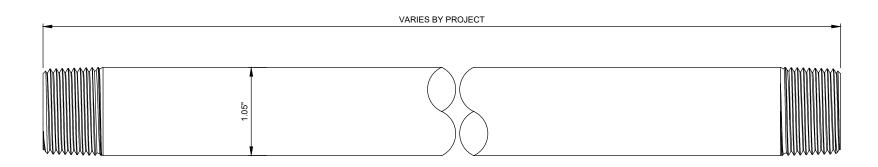


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PLOT DATE/TIME: 29Jan2020 11:54 AM FILE	NAME: C701 3-4IN NPT Ribbed Cap FDOT 02DT01912.DWG

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CTRON	DESCRIPTION	MATERIAL	INVENTORY #	NOTE: MATERIAL MEETS OR EXCEEDS FDOT SPECIFICATION 960
ELE	RIBBED CAP W/ 3/4" FNPT	BLACK POLYPROPYLENE PER ASTM D4101	02DT01912	

		APPROVED FOR CONSTRUCTION         CDL         ZX         29JAN2020           NO         DESCRIPTION         BY         CHK         DATE
	Struc'tur'al	Seach, FL PHONE: (410) 850-7000 structuraltechnologies.com
ONS, T IS ISED ENT OR THE PARED. ISE OF	PROJECT INFORMATION: SYSTEM DRAWING SHEET NO:	RIBBED CAP WI 3/4" FNPT SCAF III 3/4" FNPT

PLOT DATE/TIME: 29Jan2020 11:54 AM FILE NAME: C701 3-4IN NPT Ribbed Cap FDOT 02DT01912.DWG



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DESCRIPTION	MATERIAL	INVENTORY #
3/4" NPT NIPPLE	SCH 40 STEEL	-

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	Struc'tur'al	sshington DC / Denver, CO / Pompano Beach, FL	STRUCTURAL TECHNOLOGIES, LLC 10150 OLD COLUMBIA RD PHONE: (410) 8567 700 CORPORATE OFFICE COLUMBIA MD 21046 structuratechnologies.com NO
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CIRON	DESCRIPTION	MATERIAL	INVENTORY #
Ц		SCH 40 STEEL	-

				APPROVED FOR CONSTRUCTION	DESCRIPTION BY CHK DATE
			TECHNOLOGIES	ashington DC / Denver, CO / Pompano Beach, FL	STRUCTURAL TECHNOLOGIES, LLC 10150 OLD COLUMBIA RD PHONE: (410) 869-7000 CORPORATE OFFICE COLUMBIA, MD 21046 structuratechnologies.com NO
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THESE SHOP DRAWINGS ILLUSTRATE THE DETAILS OF THE STRUCTURAL TECHNOLOGIES, LLC POST-TENSIONING SYSTEM. THEY WERE PREPARED IN CONFORMANCE WITH THE STRUCTURAL DESIGN PROVIDED TO STRUCTURAL TECHNOLOGIES, LLC BY PROJECT OWNER OR IT'S REPRESENTATIVE. STRUCTURAL TECHNOLOGIES, LLC TOWNEN OR IT'S STRUCTURAL TECHNOLOGIES, LLC TOWNEN OR IT'S STRUCTURAL TECHNOLOGIES, LLC TOOK NO PART IN THE PREPARATION OR REVIEW OF SAID STRUCTURAL DESIGN AND STRUCTURAL TECHNOLOGIES, LLC CHENDLYEE ON THESE SHOP DRAWINGS PERTAINS ONLY TO THE TRANSFER OF THE FORCES REQUIRED BY THE ENGINEER OF RECORD ON THE STRUCTURAL DRAWINGS, AND NOT TO THE ADEQUACY OF THE STRUCTURAL DESIGN SMADE BY THE ENGINEER OF AREO STRUCTURAL DRAWINGS, AND NOT TO THE ADEQUACY OF THE ATRUCTURAL DRAWINGS, AND NOT TO THE ADEQUACY OF THE ATRUCTURAL DESIGN. AND WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ADEQUACY OF THE STRUCTURAL DESIGN SMADE BY URILE OF ANY SUCH STAMP OR SEAL. DRAWINGS, AND NOT STRUCTURAL DESIGN THE STRUCTURAL DRAWINGS, AND NOT STRUCTURAL DESIGN OR SEAL. DRAWINGS, AND NOT STRUCTURAL DESIGN OF ATMAP OR SEAL. DRAWINGS, AND NOT STRUCTURAL DESIGN THE STRUCTURAL DRAWINGS, AND NOT STADE OF ANY SUCH STAMP OR SEAL. DRAWINGS, AND NOT STRUCTURAL DESIGN THE ADEQUACY OF THE STRUCTURAL DESIGN IS MADE BY URITUE OF ANY SUCH STAMP OR SEAL. DRAWINGS, AND NOT STRUCTURAL DESIGN THE STRUCTURAL DESIGN. THE STRUCTURAL DESIGN THE STRUCTURAL DESIGN TO ANY INFORMATION TO CONTAINS. DEVIDENTIAL STRUCTURAL DESIGN THE STRUCTURAL DESIGN THE STRUCTURAL DESIGN THE STRUCTURAL DESIGN TO ANY INFORMATION TO CONTAINS. DEVIDENTIAL STRUCTURAL DESIGN THE STRUCTURAL DESIGN THE STRUCTURAL DESIGN TO ANY INFORMATION TO CONTAINS. DEVIDENTIAL STRUCTURAL DESIGN THE STRUCTURAL DESIGN THE STRUCTURAL DESIGN TO ANY INFORMATION TO CONTAINS.

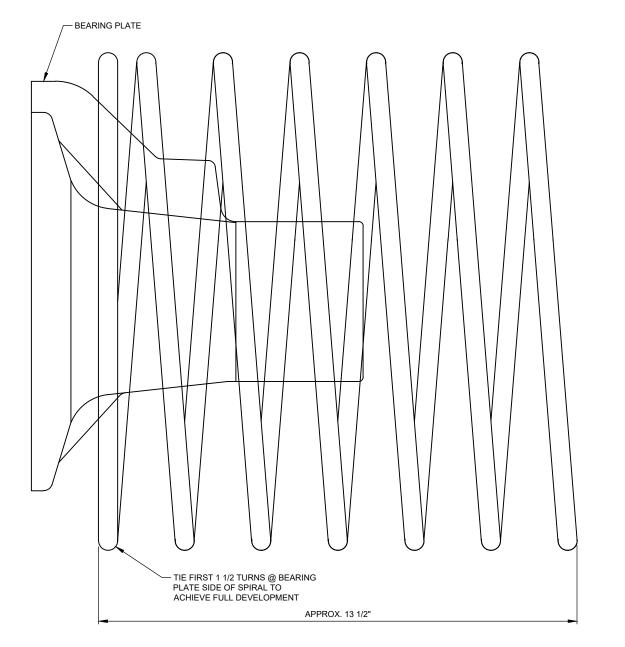
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DESCRIPTION	MATERIAL	INVENTORY #			FORCES REQUIRED BY THE ENGINEER OF REC DRAWINGS, AND NOT TO THE ADEQUACY OF T
3/4" NPT F/F COUPLER	SCH 40 STEEL	02DT01952			WARRANTY, EXPRESSED OR IMPLIED, AS TO T STRUCTURAL DESIGN IS MADE BY VIRTUE OF PLOT DATE/TII
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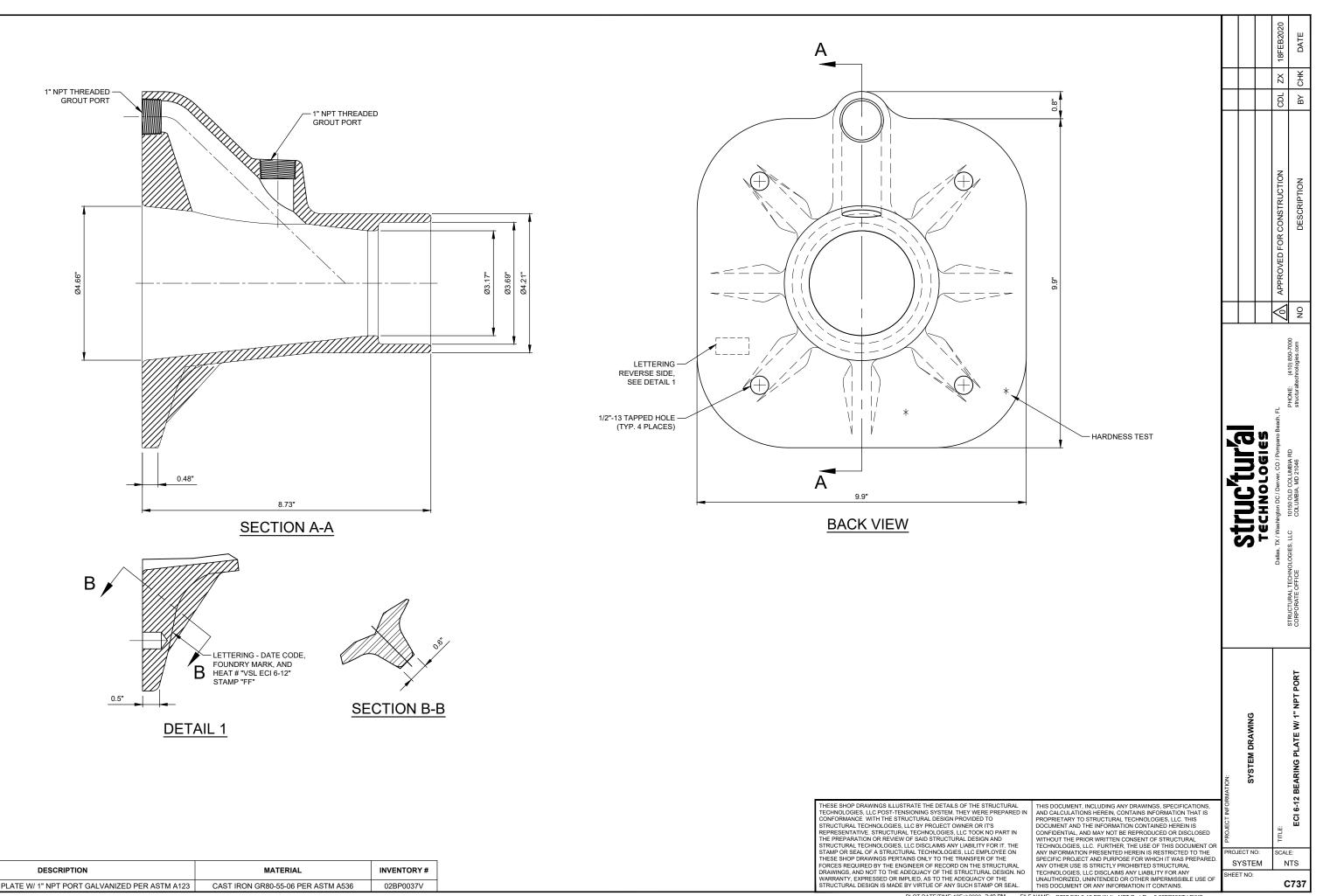
E/TIME: 29Jan2020 11:48 AM FILE NAME: C728 3-4in NPT F-F Coupler FDOT 02DT01952.dwg



DESCRIPTION	MATERIAL	INVENTORY #	NO 1.
ECI 6-12 SPIRAL #3500 (#5, DIA. 13", 2" PITCH, 7 TURNS)	GR 60 STEEL AS PER ASTM A615	02BP0096	
ECI 6-12 SPIRAL #5500 (#4, DIA. 13", 2" PITCH, 7 TURNS)	GR 60 STEEL AS PER ASTM A615	02BP0097	Z.

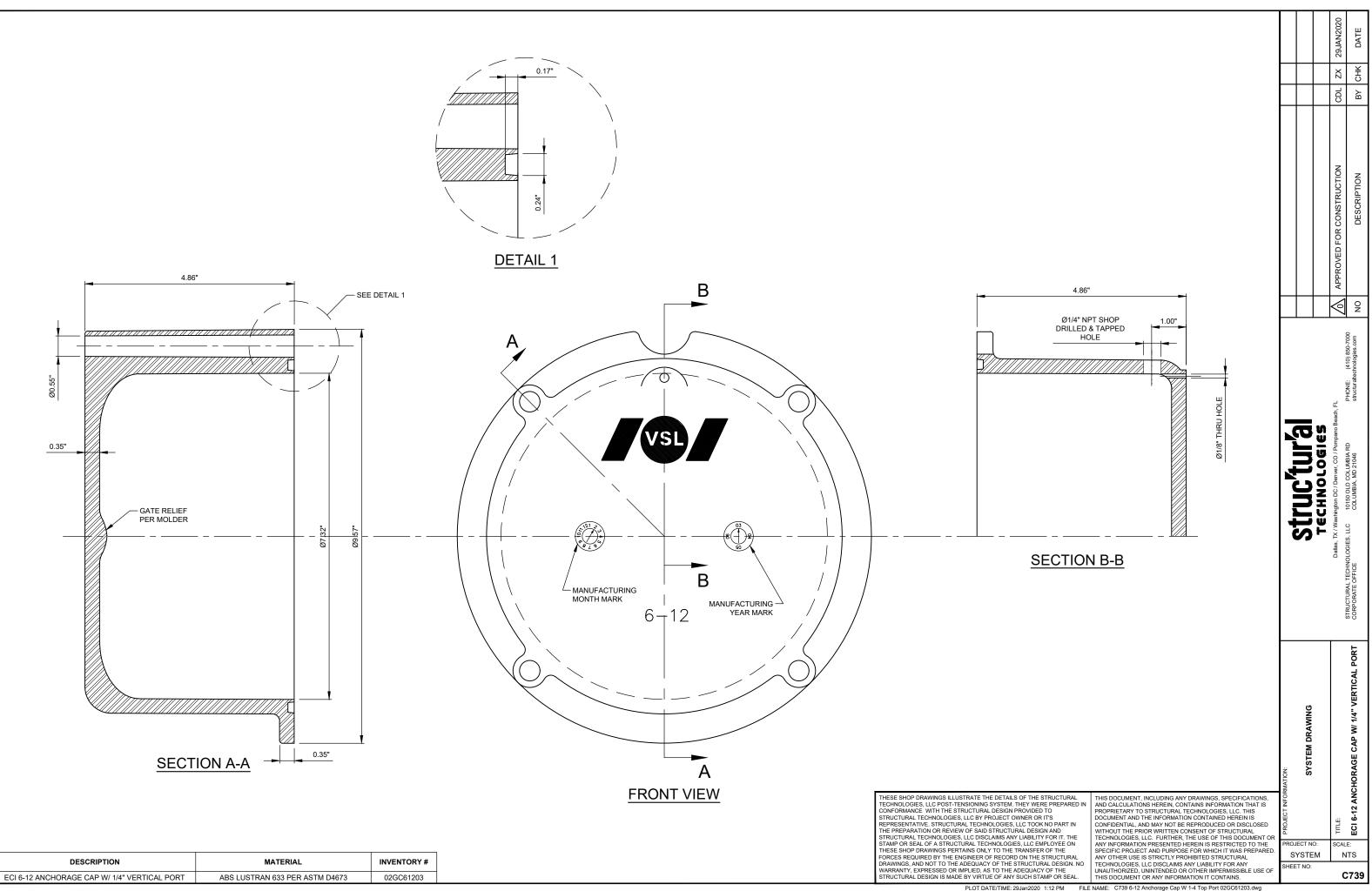
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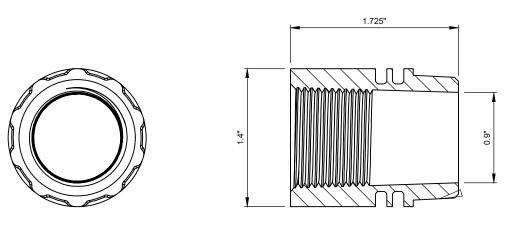
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ECHNOLOGIES ashington DC/ Penner, CO / Pompano Beach, FL 10150 OLD COLUNISIA RD PHONE: 410) 850-7000 COLUNISIA, ND 21046 structuratedmologies.com NO
ashington DC / Denver, CO / Pompano Beach, FL 10150 OLD COLUMBIA RD COLUMBIA, MD 21046 structuratechnologies com NO DESCRIPTION
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DESCRIPTION	MATERIAL	INVENTORY #
ECI 6-12 BEARING PLATE W/ 1" NPT PORT GALVANIZED PER ASTM A123	CAST IRON GR80-55-06 PER ASTM A536	02BP0037V

PLOT DATE/TIME: 18Feb2020 2:49 PM FILE NAME: C737 ECI 6-12 BP W 1in NPT Port Rev 0 02BP0037V.DWG





END VIEW

SIDE VIEW

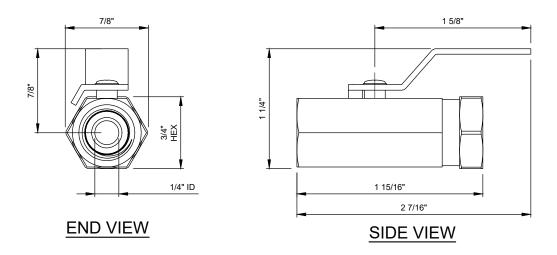
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DESCRIPTION	MATERIAL
3/4" FNPT SMOOTH PORT	HDPE YELLOW PER ASTM D3350

NOTE: MATERIAL MEETS OR EXCEEDS FDOT SPECIFICATION 960. INVENTORY #

02DT0253

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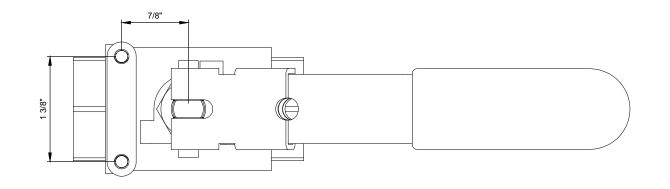
CTRON	DESCRIPTION	MATERIAL	INVENTORY #	NOTE: THIS IS A TEMPORARY PART.
Ē	1/4 TURN BALL VALVE W/ 1/4" FNPT	SCH 40 STEEL	02DT01924	

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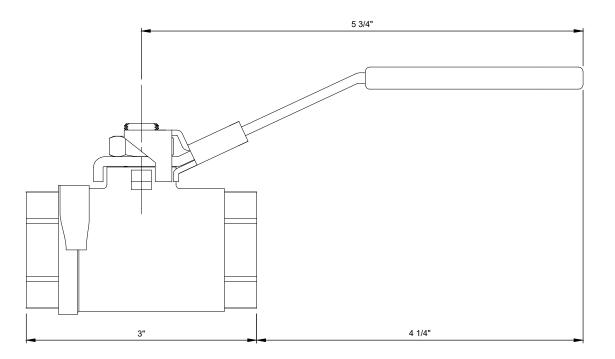
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ANY OTHER USE IS STRUCTY PROHIBITED STRUCTURAL TECHNOLOGIES, LLC DISCLAIMS ANY LIABILITY FOR ANY UNAUTHORIZED, UNINTENDED OR OTHER IMPERMISSIBLE USE OF THIS DOCUMENT OR ANY INFORMATION IT CONTAINS. NAME: C744 1-4in F-F NPT Ball Valve FDOT 02DT01924.dwg	THIS DOCUMENT, INCLUDING ANY DRAWINGS, SPECIFICATIONS, AND CALCULATIONS HEREIN, CONTAINS INFORMATION THAT IS PROPRIETARY TO STRUCTURAL TECHNOLOGIES, LLC. THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN IS CONFIDENTIAL, AND MAY NOT BE REPRODUCED OR DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF STRUCTURAL TECHNOLOGIES, LLC. FURTHER, THE USE OF THIS DOCUMENT OR ANY INFORMATION PRESENTED HEREIN IS RESTRICTED TO THE SPECIFIC PROJECT AND PURPOSE FOR WHICH IT WAS PREPARED.					
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тs <b>744</b>		SIRGE DRAFT FECHNELOVIES, LC 70130 CLU CLUMBIA, MD 21046 STRUCTORAFT (310) 3632-7000 CORPORATE OFFICE COLUMBIA, MD 21046 Structuratied-mologies.com	NO DESCRIPTION	BY 0	CHK	DATE
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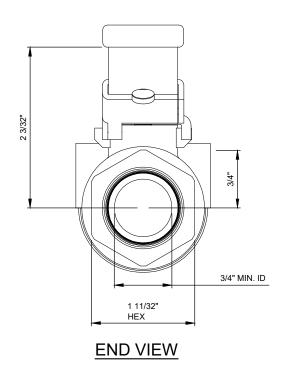
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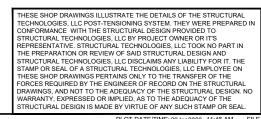


TOP VIEW





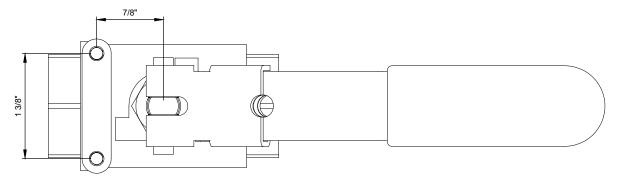
SIDE VIEW



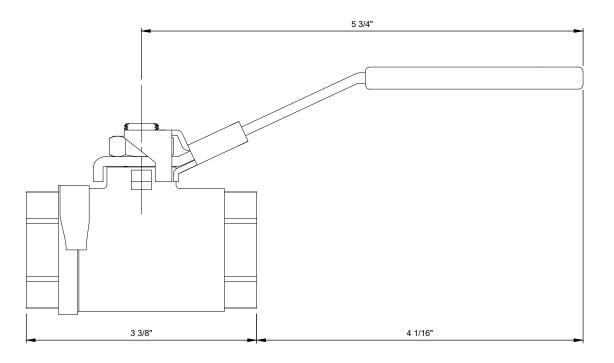
CIRON	DESCRIPTION	MATERIAL	INVENTORY #	NOTE: THIS IS A TEMPORARY PART.
Ц	STEEL 1/4 TURN BALL VALVE W/ 3/4" FNPT	SCH 40 STEEL	02DT01925	

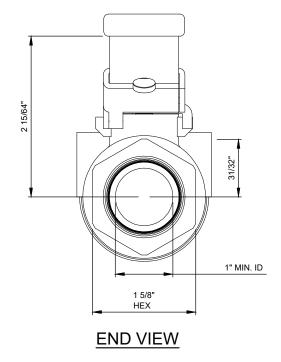
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3     TILE:     Dallas, TX / Washington DC / Denver, CO / Pompano Beach, FL     APPROVED FOR CONSTRUCTION       2     3     STEEL 14 TURN BALL VALVE W/ 3/4" FNPT     STRUCTURAL TECHNOLOGIES, LLC     10150 OLD COLUMBIA RD     PHONE: (410) 866-7000     APPROVED FOR CONSTRUCTION       3     5     TEEL 14 TURN BALL VALVE W/ 3/4" FNPT     SCORPORATE OFFICE     COLUMBIA RD     PHONE: (410) 866-7000     NO     DESCRIPTION		:M		TECHNOLOGIES					
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	745		E:	10150 OLD COLUMBIA RD COLUMBIA, MD 21046	Q	DESCRIPTION	BY (	СНК	DATE

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DESCRIPTION	MATERIAL	INVENTORY #	NOTE: THIS IS A TEMPORARY PART.
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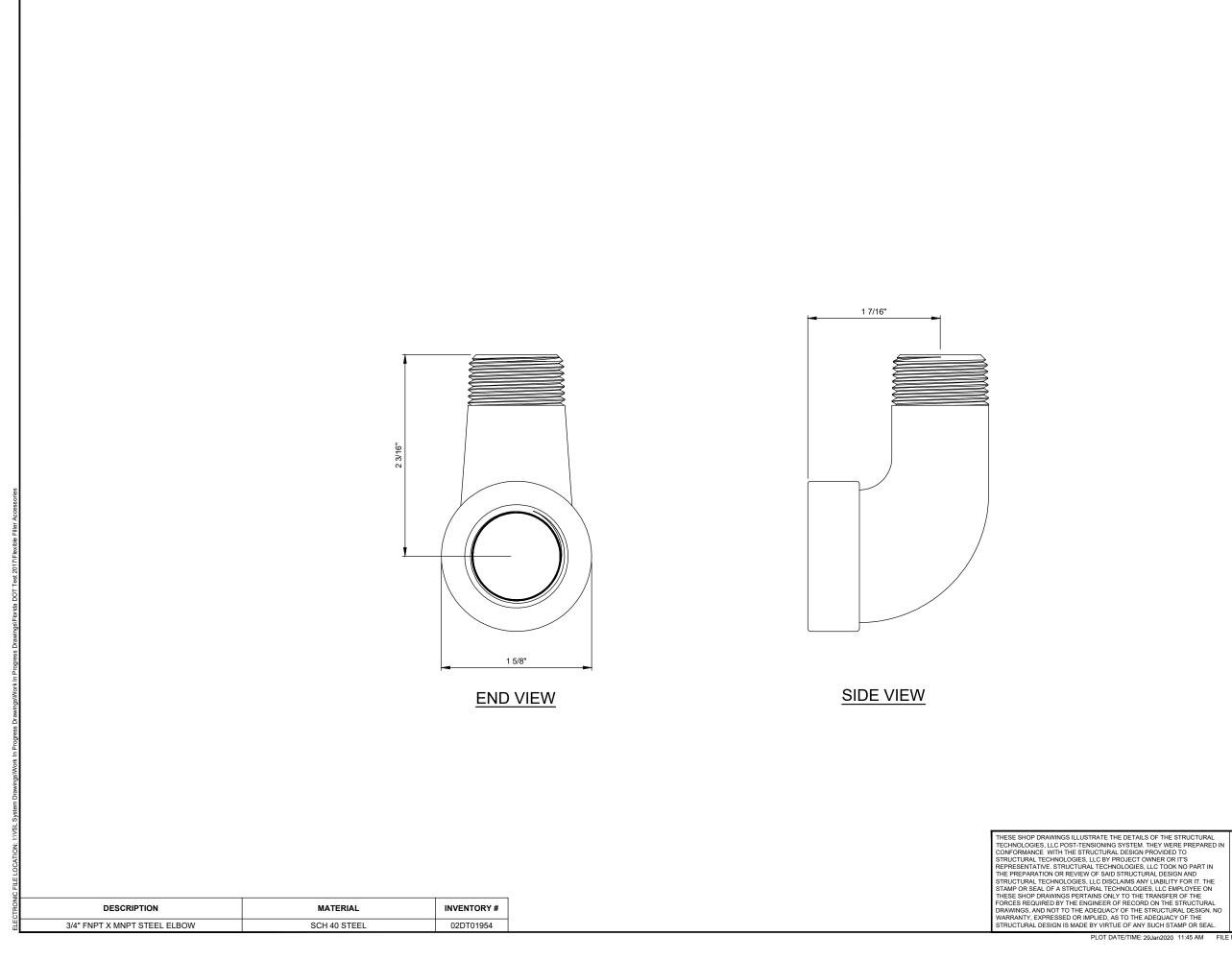
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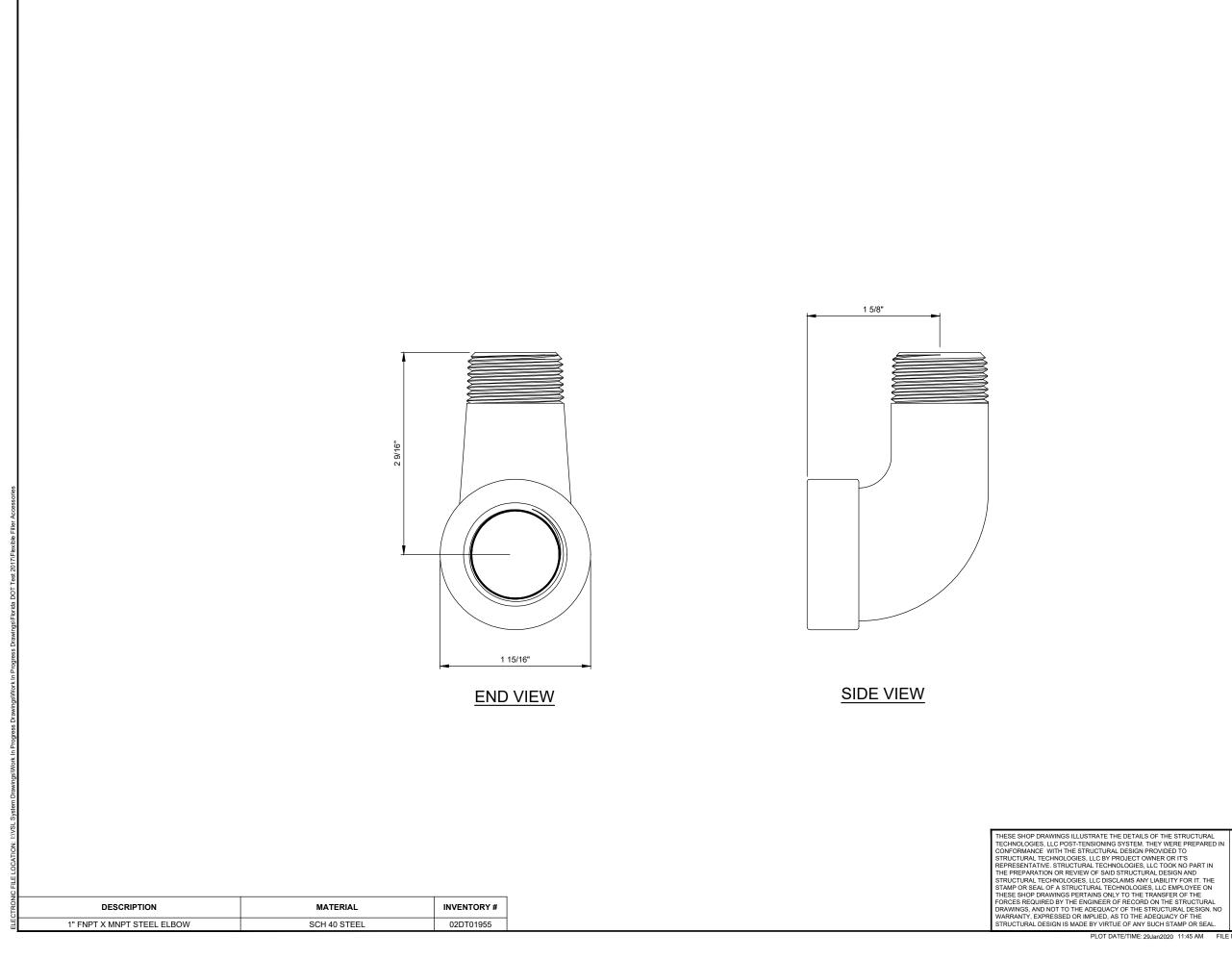
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1/4" NPT STEEL NIPP	LE SCH 40	STEEL -

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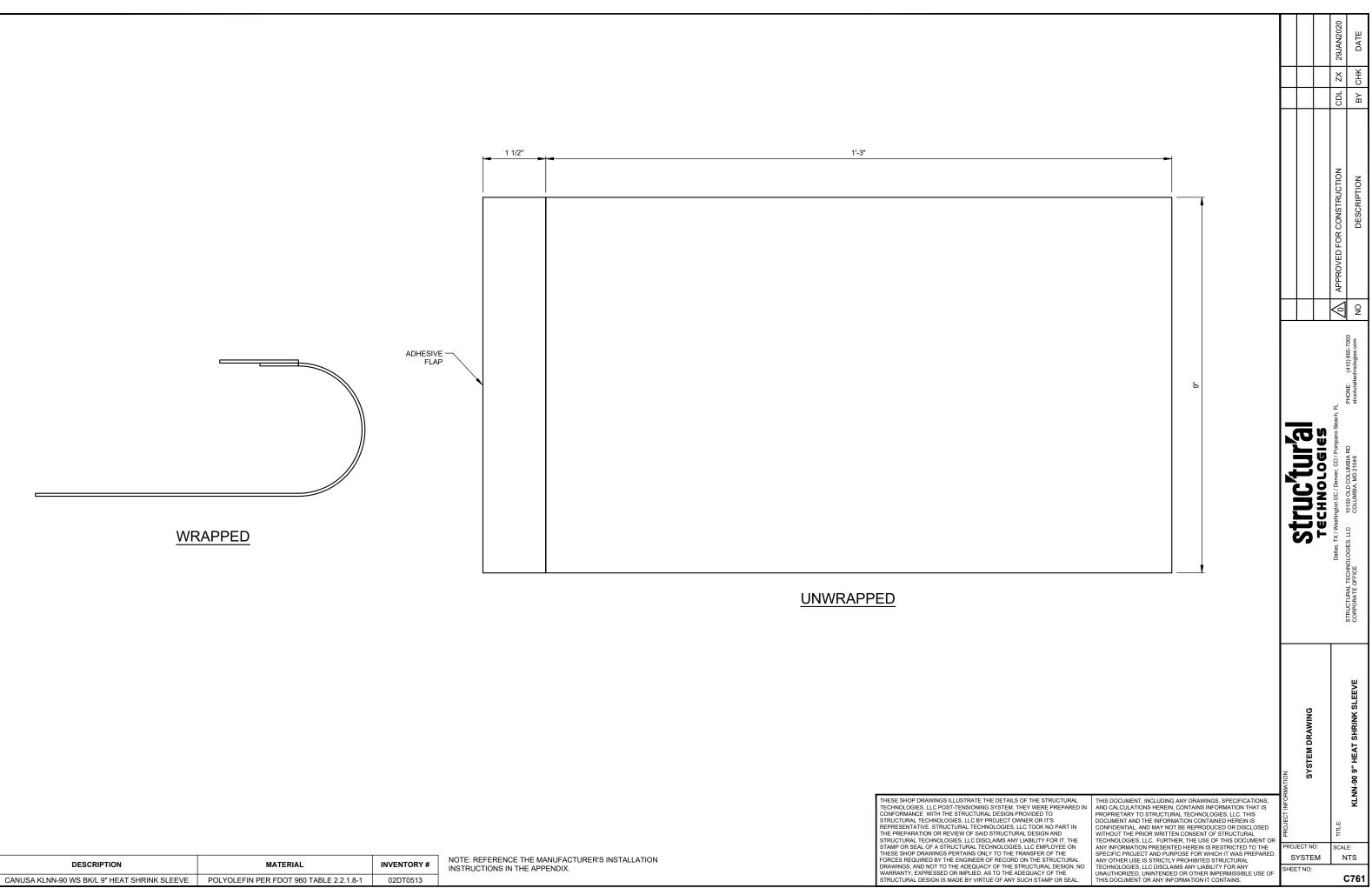
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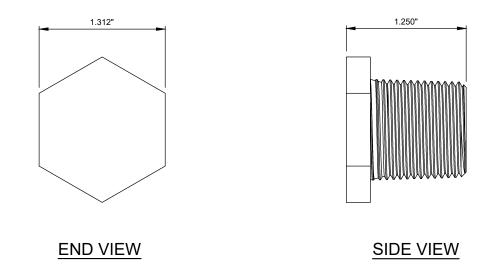
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	SLIUC LUL di Technologies	ashington DC / Denver, CO / Pompano Beach, FL	STRUCTURAL TECHNOLOGIES, LLC 70139 OLD COLOMBIA KU PHONE: (410) 594-7000 CORPORATE OFFICE COLUMBIA, MD 21046 structuraltechnologies.com NO
PROJECT INFORMATION:	SYSTEM DRAWING	ППСЕ:	1" NPT F/F COUPLER
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PLOT DATE/TIME: 29Jan2020 1:12 PM FILE NAME: C761 KLNN-90 90mmx6in Heat Shrink Sleeve 02DT0513.dwg



DESCRIPTION 3/4" NPT PE PLUG

MATERIAL BLACK HDPE PER ASTM D3350 NOTE: MATERIAL MEETS OR EXCEEDS FDOT SPECIFICATION 960

INVENTORY #

02DT01913

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		asthington DC / Denver, CO / Pompano Beach, FL	STRUCTURAL TECHNICIORIES, LLC 70180 OLD COLUMBIA RD PHONE: (410) 580-7000 CORPORATE OFFICE COLUMBIA, MD 21046 structuraltechnologies.com NO
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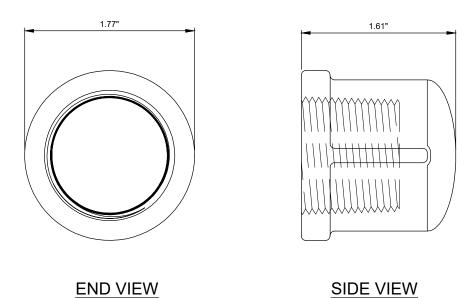
PLOT DATE/TIME: 29Jan2020 11:52 AM FILE NAME: C787 3-4in NPT PE Plug FDOT 02DT01913.dwg

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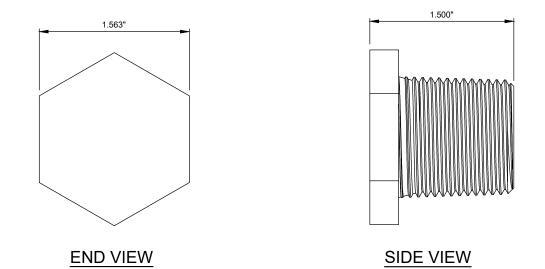
PLOT DATE/TIME: 29Jan2020 1:42 PM FILE NAME: C796 6-12 Grout Cap O-Ring FDOT 02WX5020.dwg



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DESCRIPTION	MATERIAL	INVENTORY #	NOTE: MATERIAL MEETS OR EXCEEDS FDOT SPECIFICATION 960
1" NPT PP CAP	BLACK POLYPROPYLENE PER ASTM D4101	02DT01941	

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	struc <sup>r</sup> tur'al		ashington DC / Denver, CO / Pompano Beach, Fl	STRUCTURAL TECHNOLOGIES, LLC 70130 CLUMBIA RU PHONE: (410)895-000 CORPORATE OFFICE COLUMBIA, MD 21046 structuratechnologies.com
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1" NPT PP PI UG	BLACK POLYPROPY

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NOTE: MATERIAL MEETS OR EXCEEDS FDOT SPECIFICATION 960.

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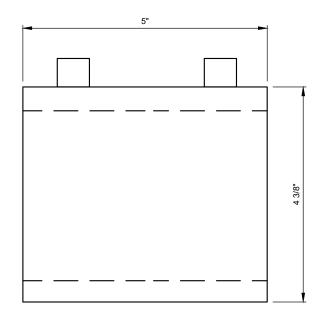


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3" HDPE PIPE DR-17	HDPE BLACK PER ASTM D3350	-	3.064"	3.5"	16'-0"

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896		3" ELECTROFUSION COUPLER	STRUCTURAL TECHNOLOGIES, LLC 70130 GLD COLUMBIA KU PHONE: (410) 859-7000 CORPORATE OFFICE COLUMBIA, MD 21046 structuratechnologies.com	NO	DESCRIPTION	BY (	СНК	BY CHK DATE

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