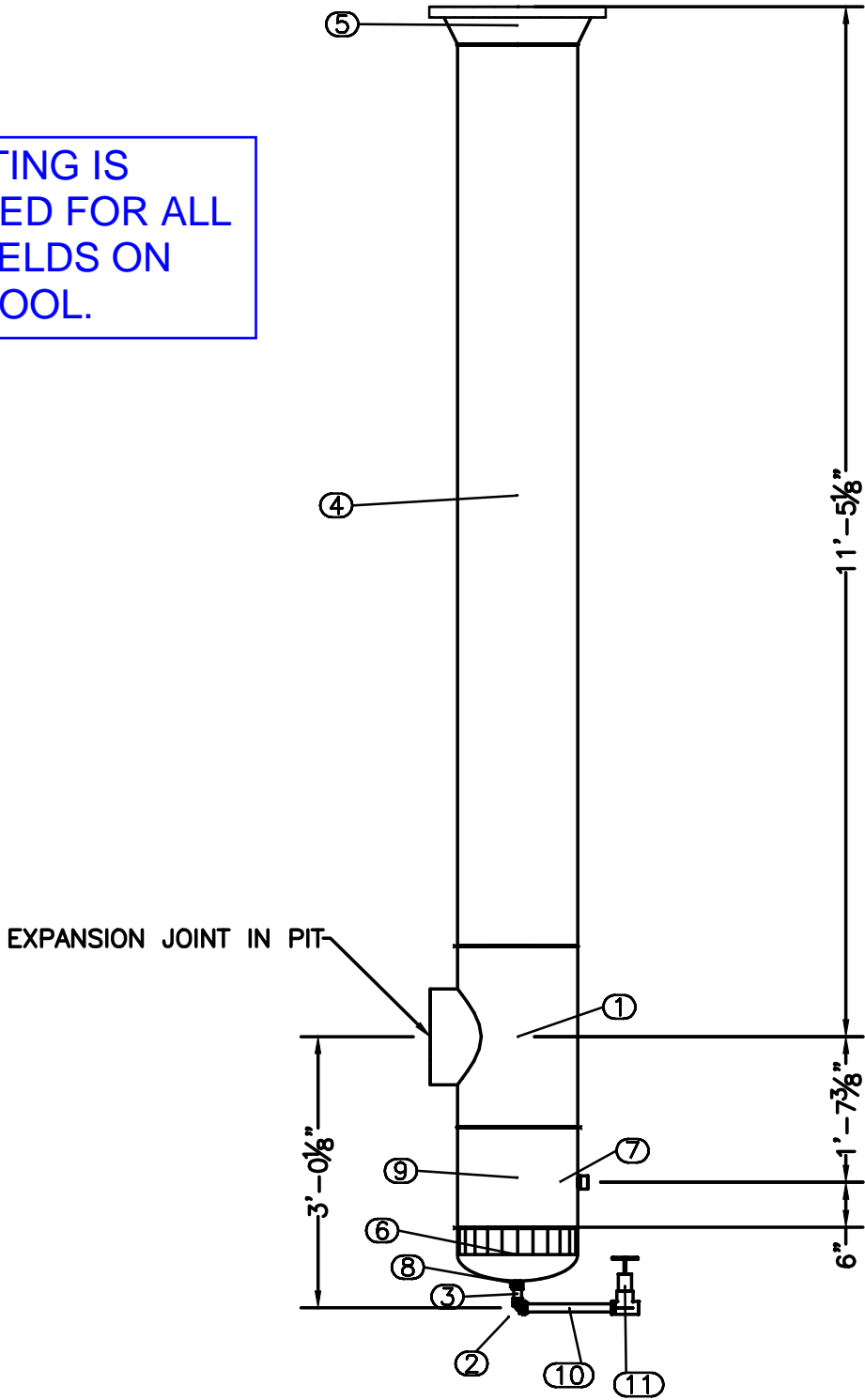


UT TESTING IS  
REQUIRED FOR ALL  
BUTT WELDS ON  
THIS SPOOL.



should be an Apollo  
83A-140 Series  
Ball valve

Murphy-PFFS-SPOOL-BOM							
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA234 WPB CS BW RED TEE					16x12
11	1	800# FS BB OS&Y Gate Valve SW					3/4
5	1	150lb RF Sch 40 Bore SA105 CS WN Flg					16
6	1	Std Wt SA234 WPB CS BW Cap					16
2	1	3M A105 FS SW 90 Deg El					3/4
7	1	3000# FS Soc-O-Let			1 5/16"	1.313	1x16
8	1	3000# FS Soc-O-Let			1 1/16"	1.063	3/4x16
4	1	Std Wt SA-53B CS SMLS Pipe PE	BEV	BEV	9'-11 7/8"	119.864	16
9	1	Std Wt SA-53B CS SMLS Pipe PE	BEV	BEV	1'-1 1/4"	13.250	16
3	1	Sch 80 A106B CS SMLS Pipe	SW	SW	2"	2.000	3/4
10	1	Sch 80 A106B CS SMLS Pipe	SW	SW	1'-0"	12.000	3/4

**MURPHY**  
SINCE 1907

CONSTRUCTORS • ENGINEERS    MECHANICAL • INDUSTRIAL

1233 N. Price Rd.  
St. Louis, MO 63132-2303  
314-997-6600 phone  
BIMCAD@murphy-stl.com

<input type="checkbox"/>	FLANGE WEIGHT/ORIENTATION
<input type="checkbox"/>	FITTING ORIENTATION
<input type="checkbox"/>	BOLTS/CPLG'S/TH'D TIGHT
<input type="checkbox"/>	SPOOL IDENTIFICATION

QA/QC ACCEPT	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS
	NA	NA	NA	NA	MURPHY WPS#

SPEC.	ASME	X-RAY	HYDRO TEST	PWHT	COMMENTS
NA	NA	NA	NA	NA	MURPHY WPS#

0	REV	DATE	DESCRIPTION	DRN	CHK	APP
---	-----	------	-------------	-----	-----	-----

DRN JMM	4/9/2021	WUSM RESEARCH BUILDING	
CHK		NRB	
APP			
JOB NO.	210140	SERVICE NAME	
REF.DWG.		HPS	
DRAWING NO./TRACKING NO.	QTY.	SHT/NO	REV
210140-A-UPL1-10	1	1 OF 1	0