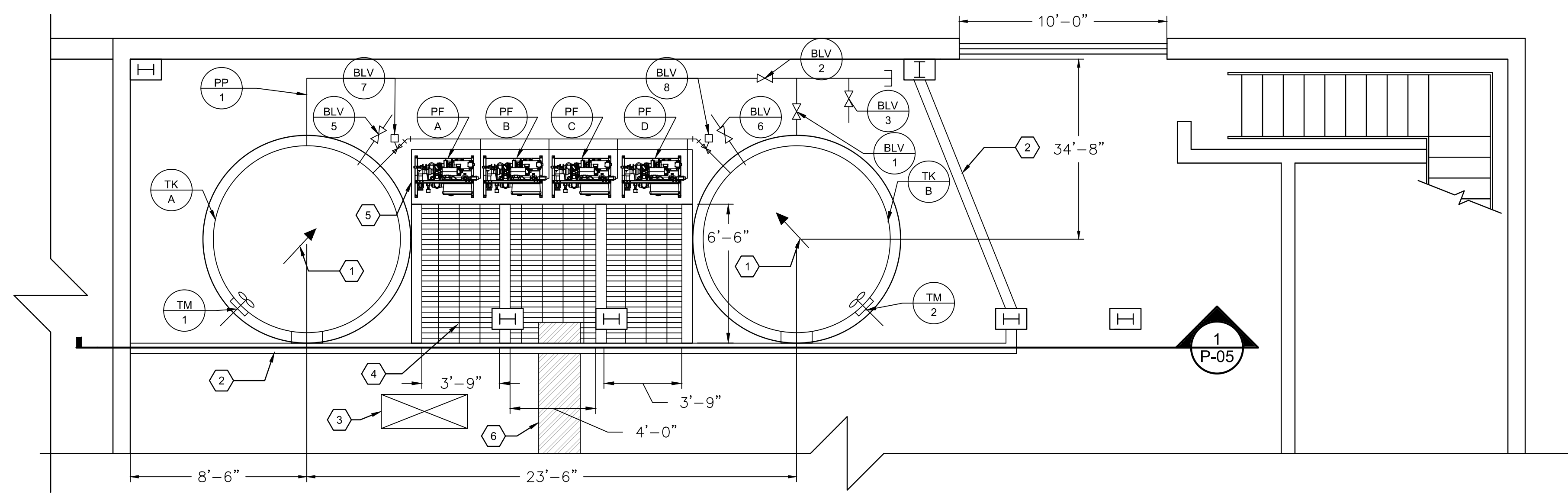
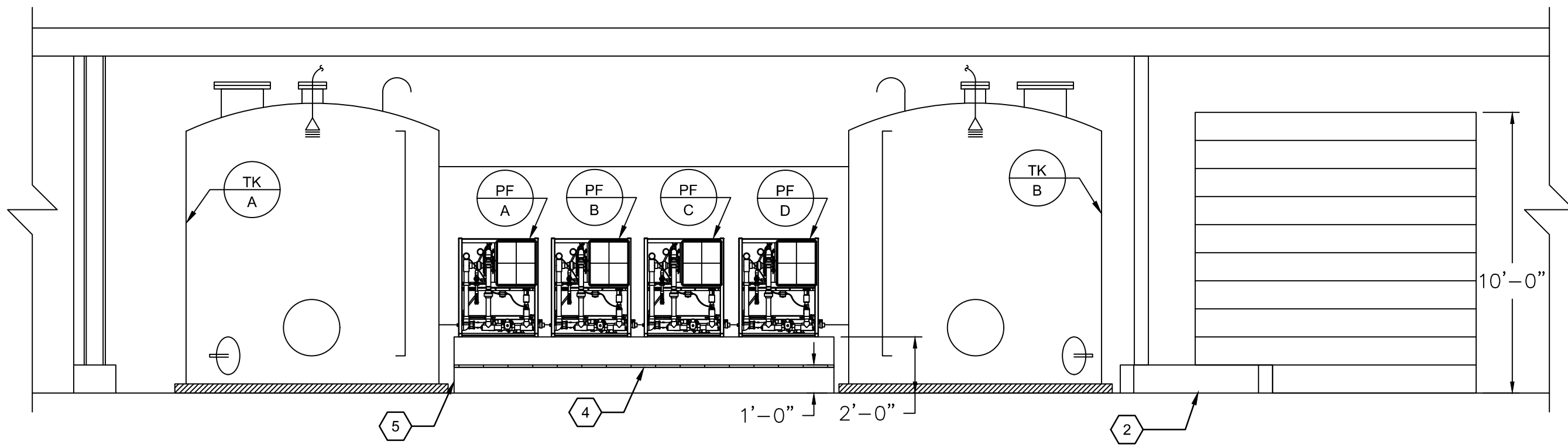


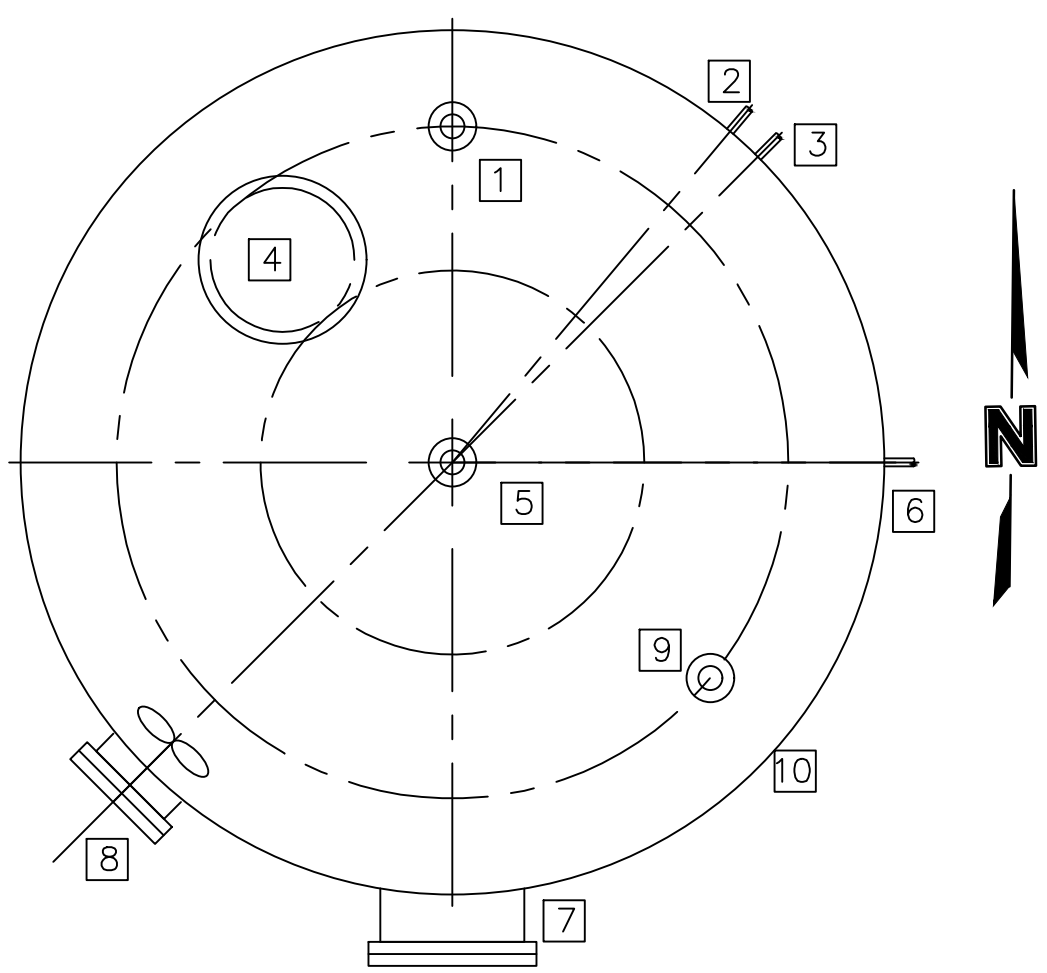
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 DATE: Jul 01, 2020 9:09pm
 USER: nduncan
 XREFS: P_STRC_POLY_0192051



INSTALLATION PLAN VIEW
SCALE: 1/4" = 1'-0"

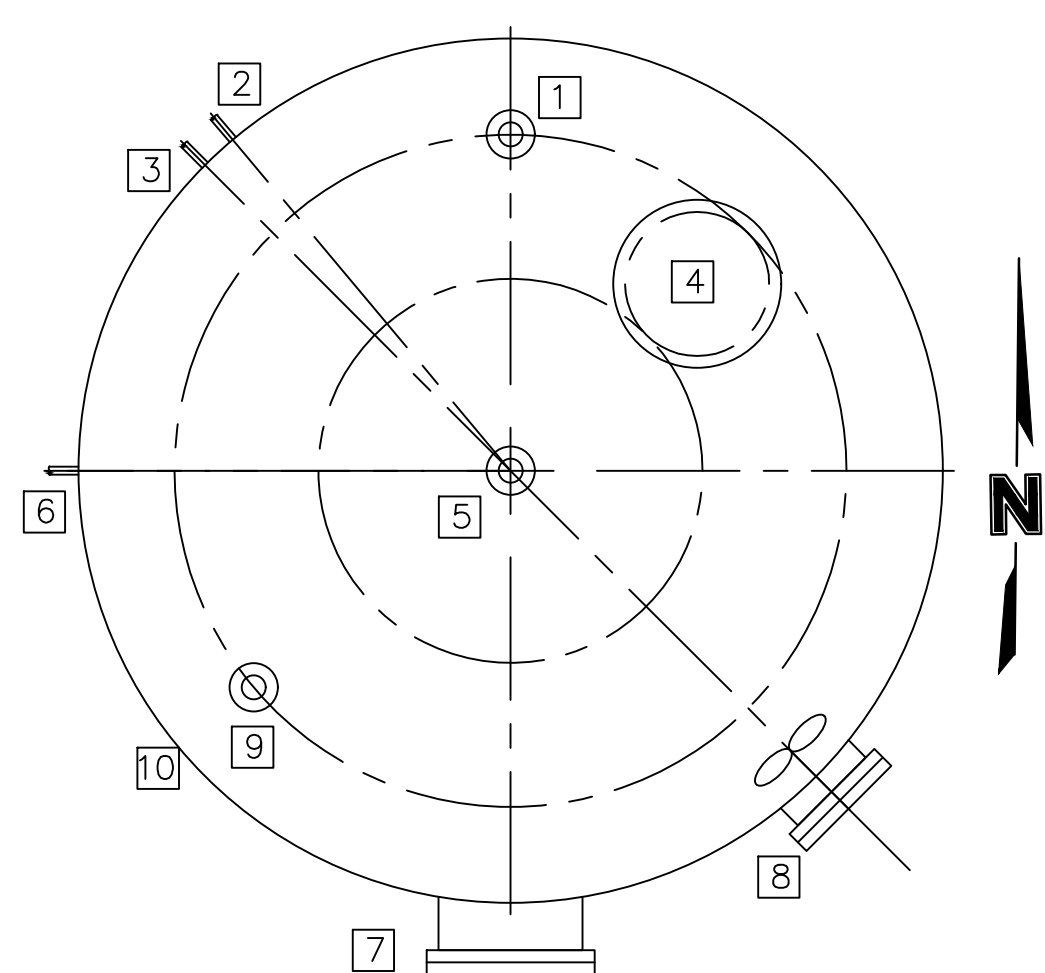


SECTION 1
SCALE: 1/4" = 1'-0"



POLYMER STORAGE TANK TK-A
SCALE: 1/2" = 1'-0"

ITEM	ANGLE	TOP DISTANCE FROM CENTER	CENTER DISTANCE FROM BOTTOM	PORT DIAMETER	DESCRIPTION
1	0°	3'-6"	-	3"	FILL CONNECTION W/ INTERNAL DOWNPIPE
2	40°	-	8'-6"	2"	DRAIN
3	45°	-	0'-6"	2"	FEED LINE
4	315°	2'-9"	-	24"	MANWAY
5	-	-	-	12"	LEVEL INDICATOR W/ MANWAY
6	90°	-	8'-6"	6"	OVERFLOW
7	180°	-	2'-0"	24"	MANWAY
8	225°	-	1'-0"	16"	TANK MIXER W/ MANWAY
9	135°	3'-6"	-	2"	VENT
10	135°	-	4'-6"	-	SIGHT GLASS



POLYMER STORAGE TANK TK-B
SCALE: 1/2" = 1'-0"

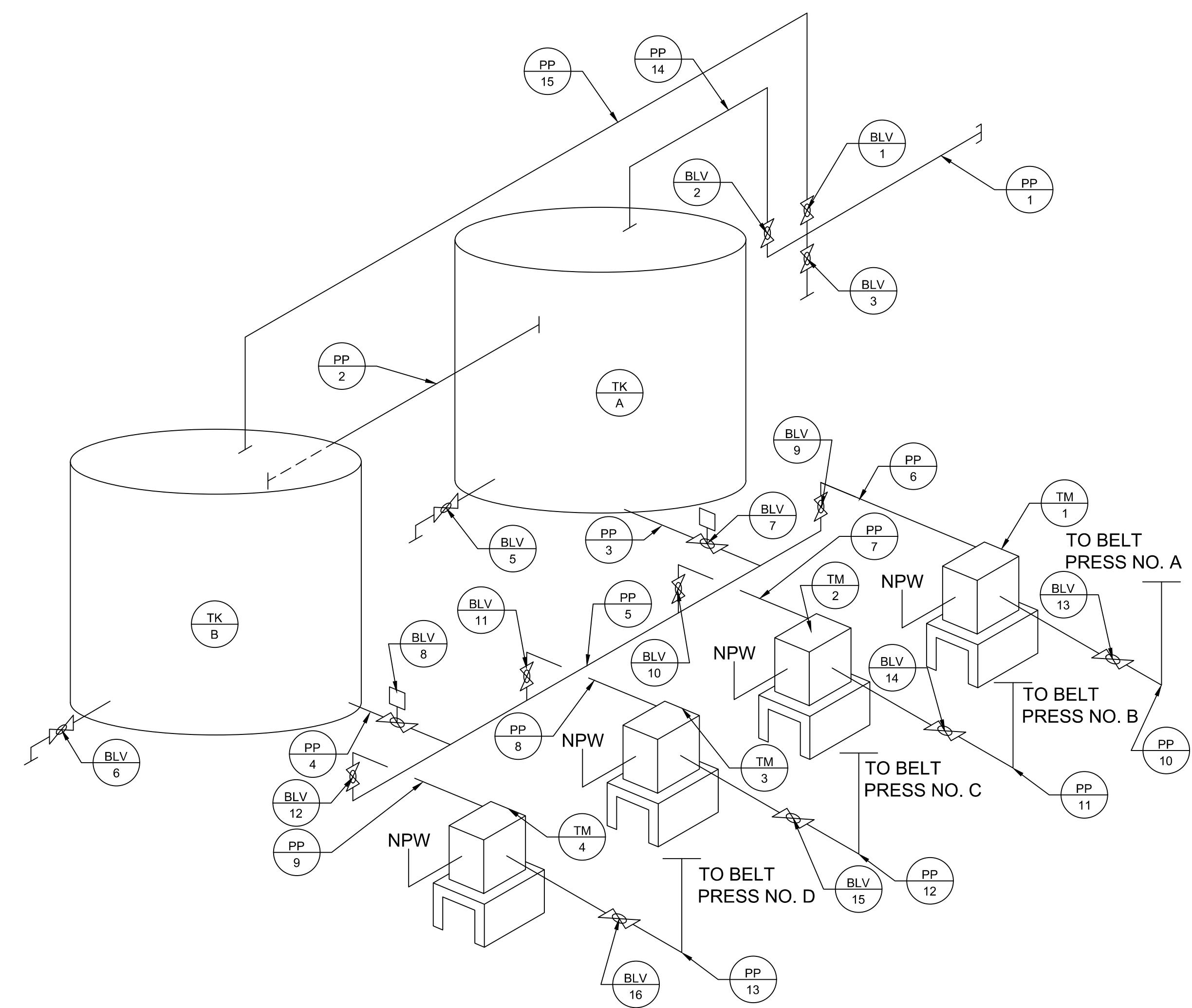
ITEM	ANGLE	TOP DISTANCE FROM CENTER	CENTER DISTANCE FROM BOTTOM	PORT DIAMETER	DESCRIPTION
1	0°	3'-6"	-	3"	FILL CONNECTION W/ INTERNAL DOWNPIPE
2	320°	-	8'-6"	2"	DRAIN
3	315°	-	0'-6"	2"	FEED LINE
4	45°	2'-9"	-	24"	MANWAY
5	-	-	-	12"	LEVEL INDICATOR W/ MANWAY
6	270°	-	8'-6"	6"	OVERFLOW
7	180°	-	2'-0"	24"	MANWAY
8	125°	-	1'-0"	16"	TANK MIXER W/ MANWAY
9	225°	3'-6"	-	2"	VENT
10	225°	-	4'-6"	-	SIGHT GLASS

INSTALLATION NOTES:

1. FIELD VERIFY LOCATION, DIMENSIONS AND ARRANGEMENT OF EXISTING PIPING AND EQUIPMENT.
2. POLYMER FEED UNITS: CONTRACTOR TO VERIFY AND PROVIDE PIPING REQUIRED FOR EQUIPMENT PROVIDED IN BASE BID. FINAL LAYOUT AND PIPE ROUTINGS TO BE CONFIRMED WITH ENGINEER PRIOR TO INSTALLATION.
3. PIPE AND FITTING SHALL BE SOLVENT WELDED SCHEDULE 80 PVC.
4. PIPE SUPPORTS SHALL BE 304/316 STAINLESS STEEL. PROVIDE AS NEEDED TO KEEP PIPING FROM SAGGING.
5. PROVIDE GROUT BASE PER MANUFACTURER'S REQUIREMENTS.
6. CONTRACTOR TO CONNECT POLYMER UNITS TO EXISTING ELECTRICAL POWER SOURCE.

KEY NOTES:

1. TANK BOTTOM SLOPED TO FEED LINE
2. INSTALL 60 LF NEW RETAINING CURB
3. INSTALL NEW POLYMER SYSTEM TANK AND LEVEL INDICATION CONTROL PANEL
4. INSTALL NEW GRATING 1'-0" ABOVE FF ELEVATION
5. CONCRETE BASE FOR FEEDERS SHALL BE INSTALLED 2'-0" ABOVE FF ELEVATION
6. INSTALL DRAIN IN CONTAINMENT AREA. CUT AND PATCH EXISTING FLOOR DRAIN. USE 6" PIPE AT 1% SLOPE. DRAIN SHALL BE INSTALLED BELOW GRATING AREA. GRATING NOT SHOWN FOR CLARITY.



ISOMETRIC VIEW
NO SCALE

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REV. NO.	DATE	REVISIONS DESCRIPTION	REVISIONS

INSTALLATION PLAN & SECTIONS

SEWAGE TREATMENT PLANT NO. 2
POLYMER SYSTEM IMPROVEMENTS

WICHITA, KS

drawn by: CJW
checked by: BRC
approved by: KLR
QA/QC by: KLR
project no.: 019-2051
drawing no.:
date:

2020

SHEET
P-05