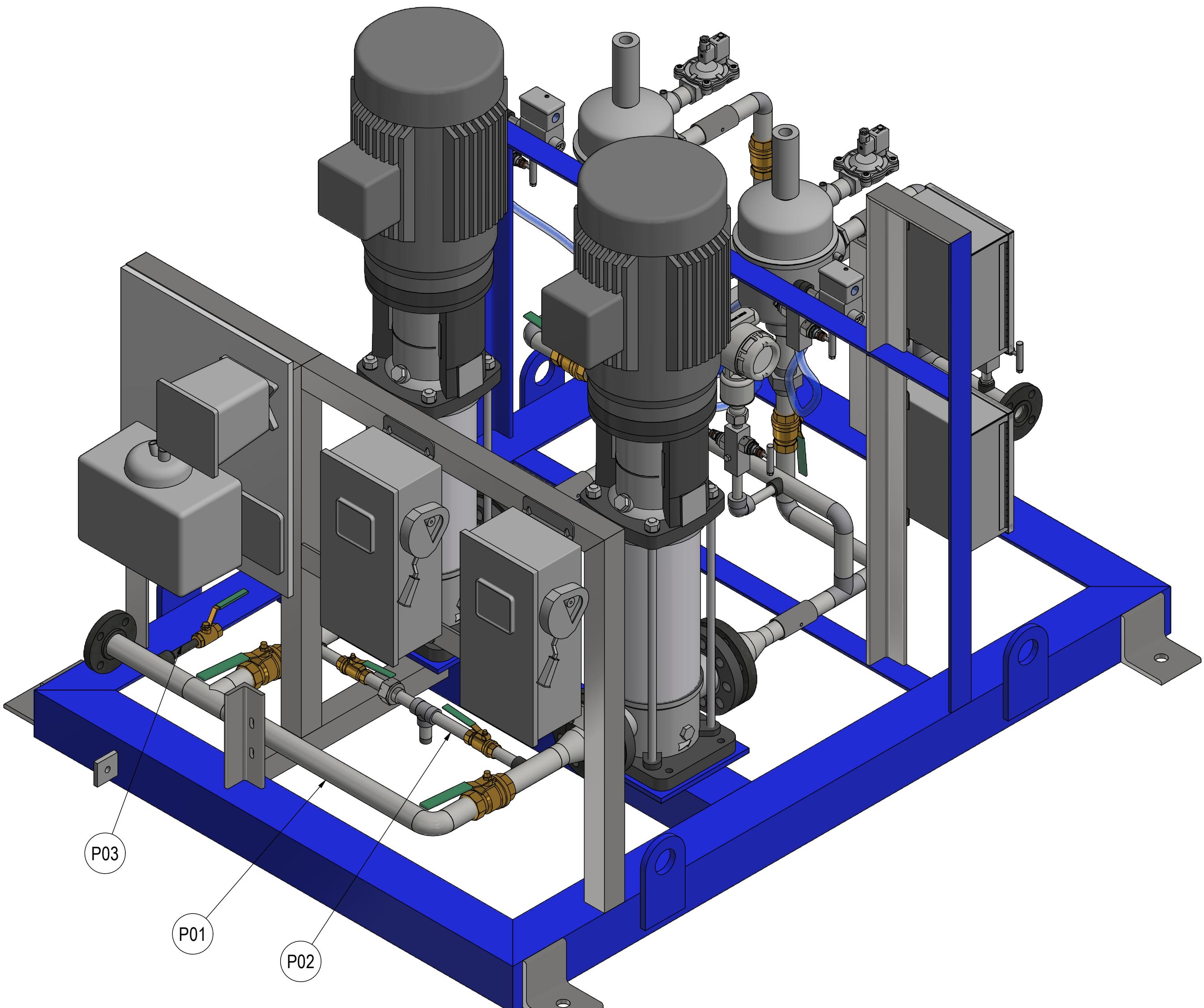
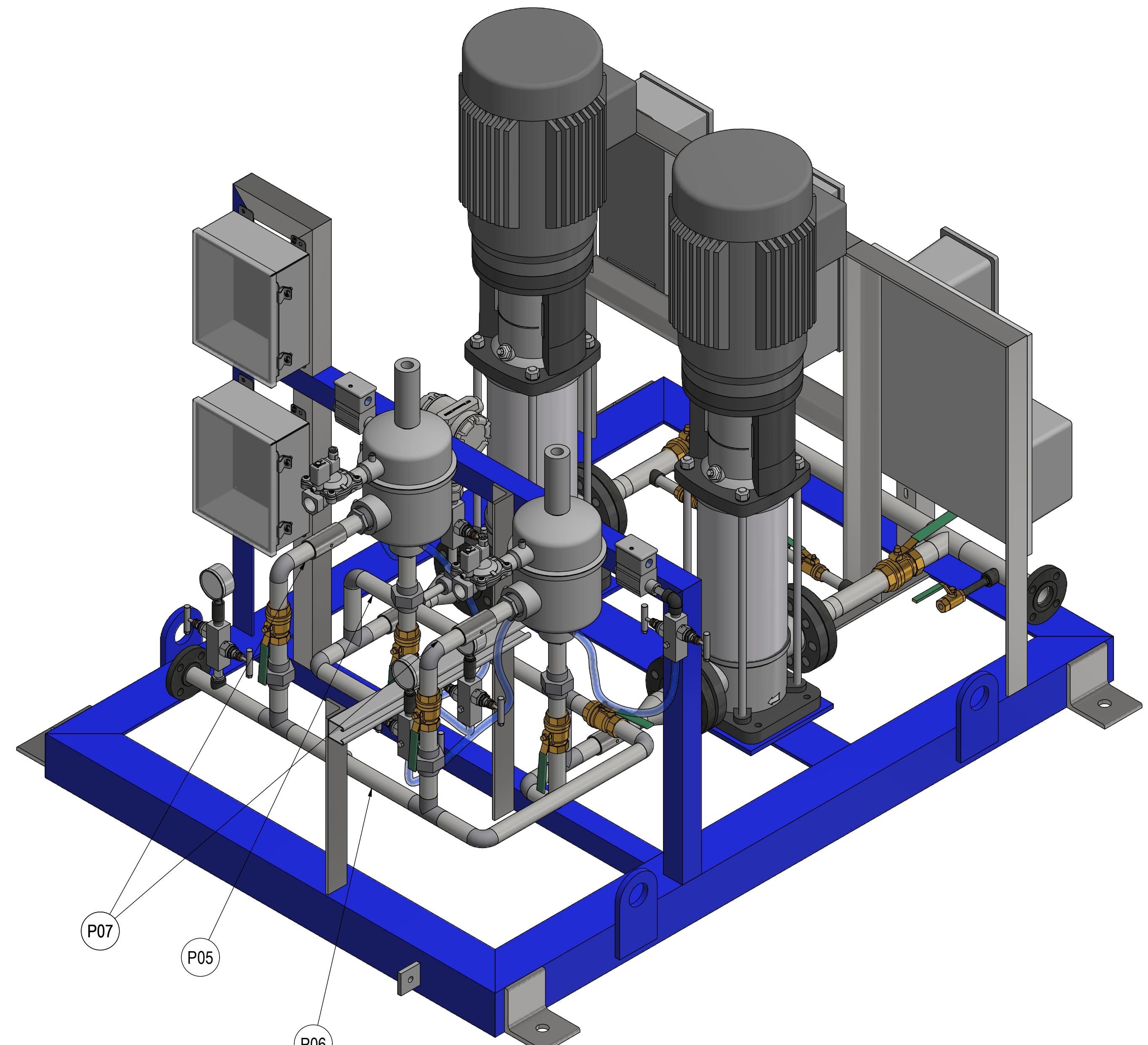


8	7	6	5	4	3	2	1			
					PIPE LIST FOR SECTION 2		PIPE LIST FOR SECTION 1			
					ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
P04	1" 316 SS SCH40	1	P01	1-1/4" 316 SS SCH40	1					
P05	1" 316 SS SCH40	1	P01 - 2	1-1/4" 316 SS SCH40	2					
P06	1" 316 SS SCH40	1	P03	1/4" 316 SS SCH40	1					
P07	1" 316 SS SCH40	2	P02	1/2" 316 SS SCH40	1					
P08-01	1/2" 316 SS SCH40	1	P08-02	1/2" 316 SS SCH40	1					



FRONT VIEW

SCALE 1 / 6



BACK VIEW

SCALE 1 / 6

NOTES:

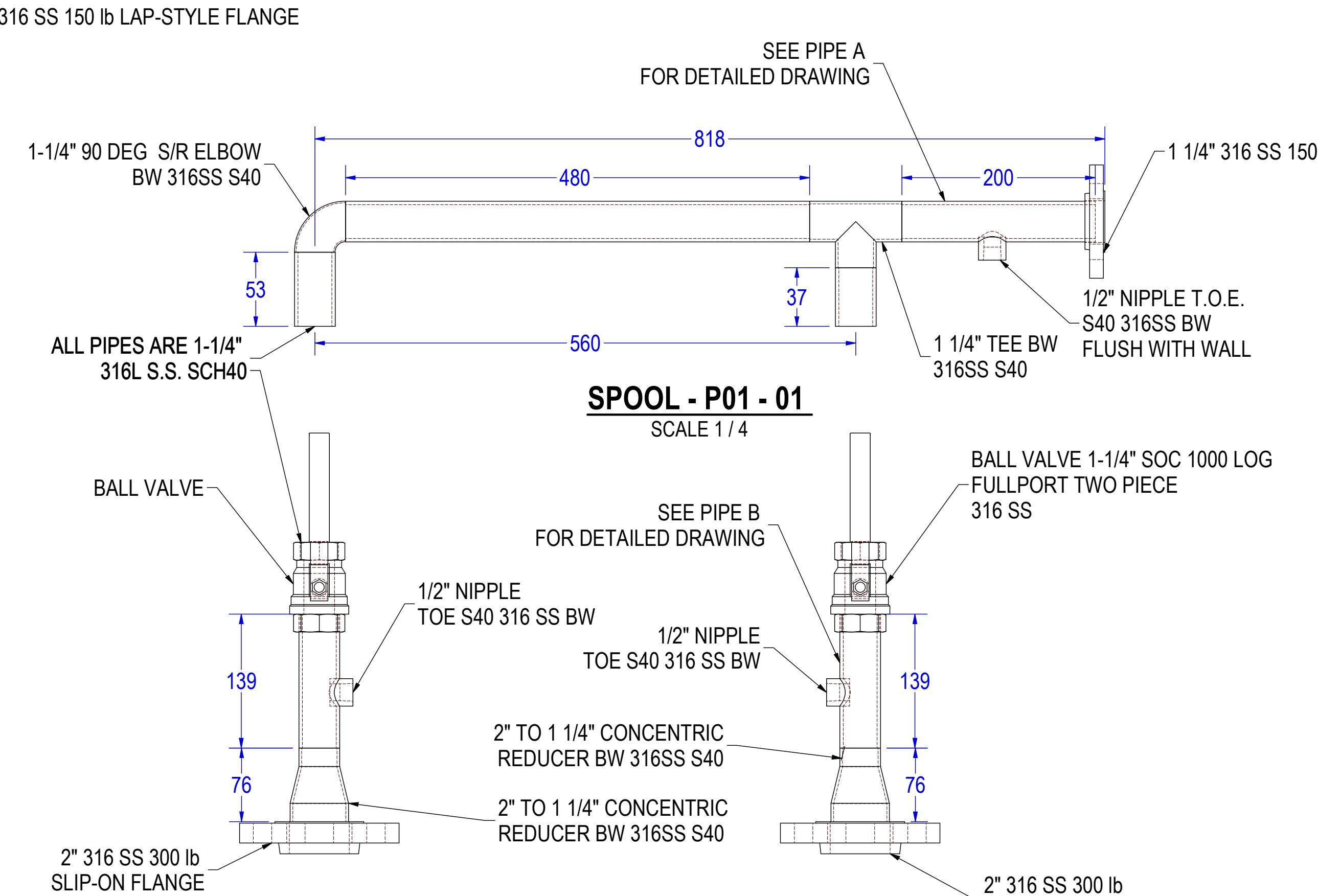
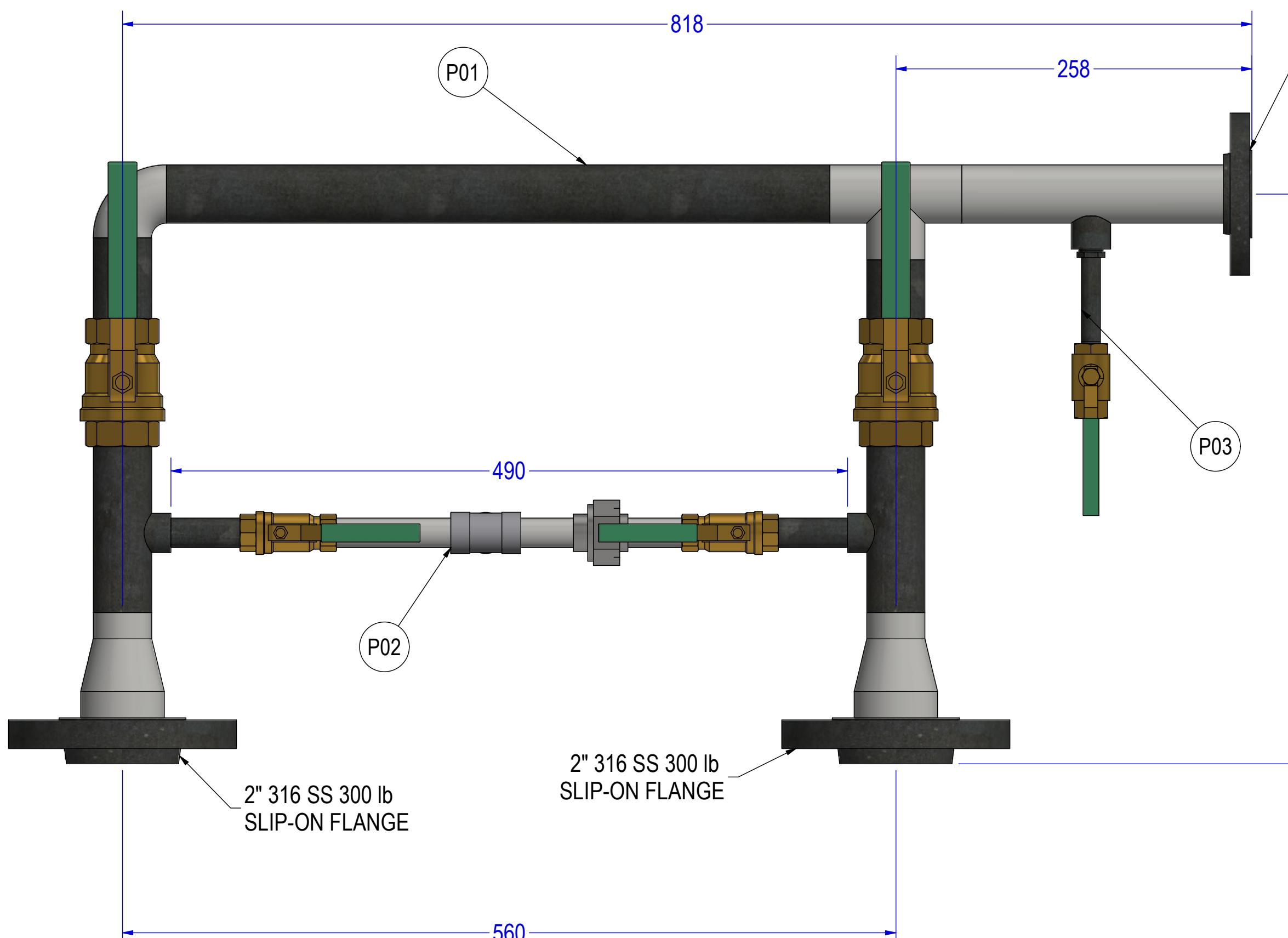
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
- ALL PIPES ARE 1-1/4" 316L S.S. SCH40
- FLANGES SHALL BE IN ACCORDANCE WITH ASME B16.5 OR B6.1
- PIPE DESIGN TO BE IN ACCORDANCE WITH ASME B31.3
- ALL HALF AND FULL COUPLINGS ARE 3000# STAINLESS STEEL
- WELDING JOINT SHALL BE FULL PENETRATE AND CONTINUOUS.
- ALL NPT CONNECTION WILL BE FULL TIGHT.
- ALL PARTS SHALL BE DEBURRE, SHARP EDGES SHALL BE REMOVED AND GIVE 1-1/16" RADIUS
- ALL COMPONENTS AND WELDS SHALL BE CLEANED WITH ACID AND PASSIVATED.

01	REVISED FOR FABRICATION	06/16/2023	A.S.	M.O.	M.D.
00	FOR FABRICATION	02/21/2023	A.S.	M.O.	M.D.
REV	DESCRIPTION	MM / DD / YYYY	DESIGN	CHECK	APPROVE

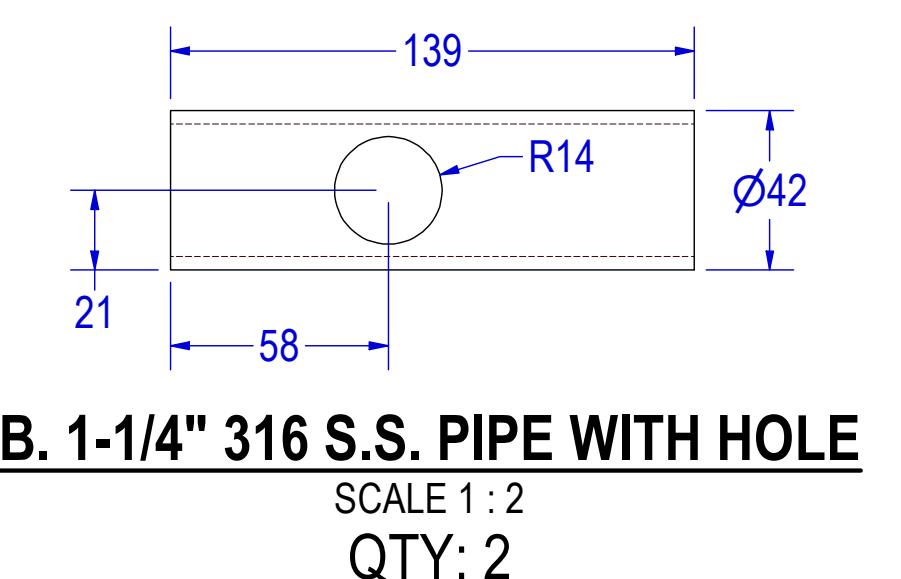
REVISION HISTORY

NAPIER-REID		DESIGN FLOW RATE M ³ /HR CONVENTIONAL WATER TREATMENT PLANT, PUMP SKID
CUSTOMER	PROJECT	Since 1950
ALAMOS GOLD INC.	ISLAND GOLD MINE SHAFT PROJECT H363409/PM011	
CONTRACTOR	CONSULTING ENGINEER	SCALE AS SHOWN OR AS NOTED
	HATCH	FILE. NO.: 22-3122 DWG. NO.: SKID-2-DRAWING
		DESIGN DATE: 04/10/2022 PLOT DATE: 07/02/2023
		VERSION R03

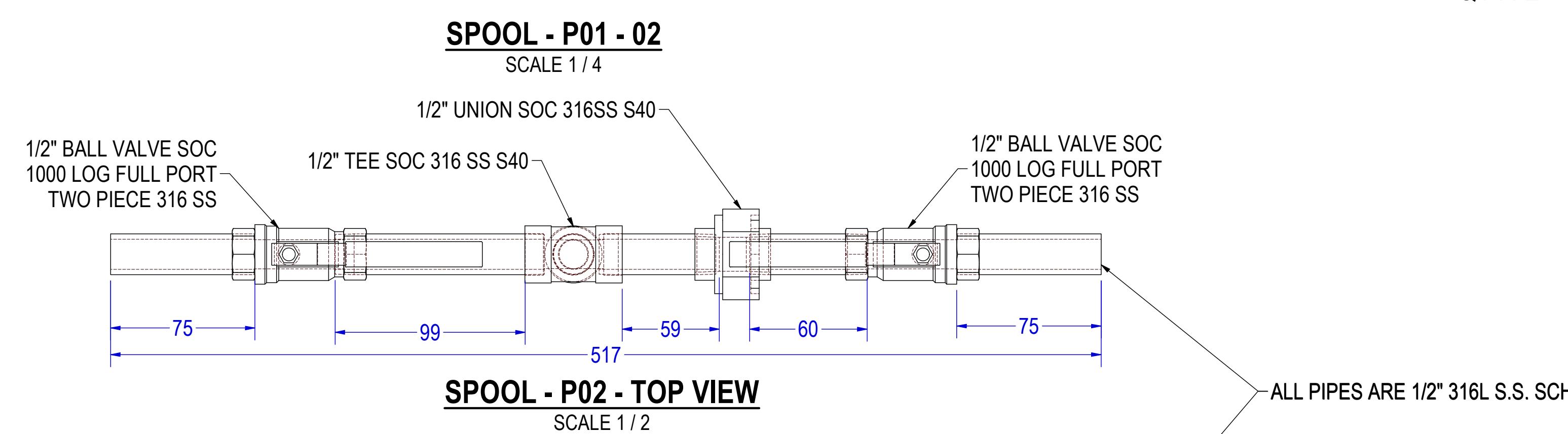
PIPE LIST FOR SECTION 1		
ITEM	DESCRIPTION	QTY
P01	1-1/4" 316 SS SCH40	1
P01 - 2	1-1/4" 316 SS SCH40	2
P02	1/2" 316 SS SCH40	1
P03	1/4" 316 SS SCH40	1



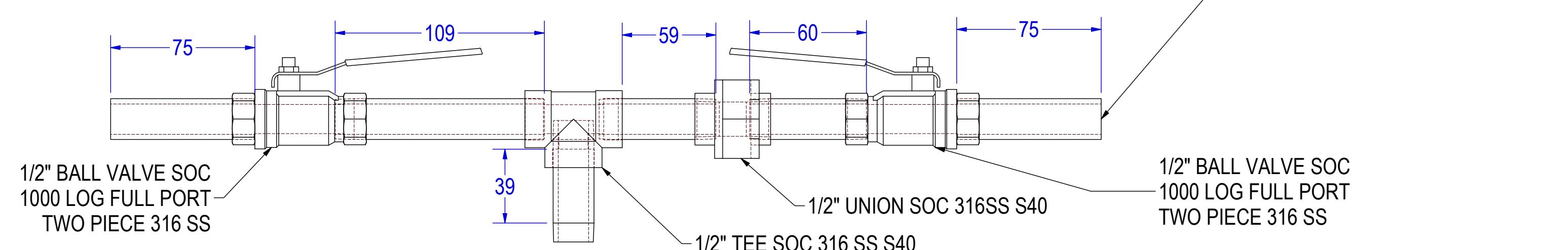
A. 1-1/4" 316 S.S. PIPE WITH HOLE
SCALE 1:2
QTY: 1



B. 1-1/4" 316 S.S. PIPE WITH HOLE
SCALE 1:2
QTY: 2

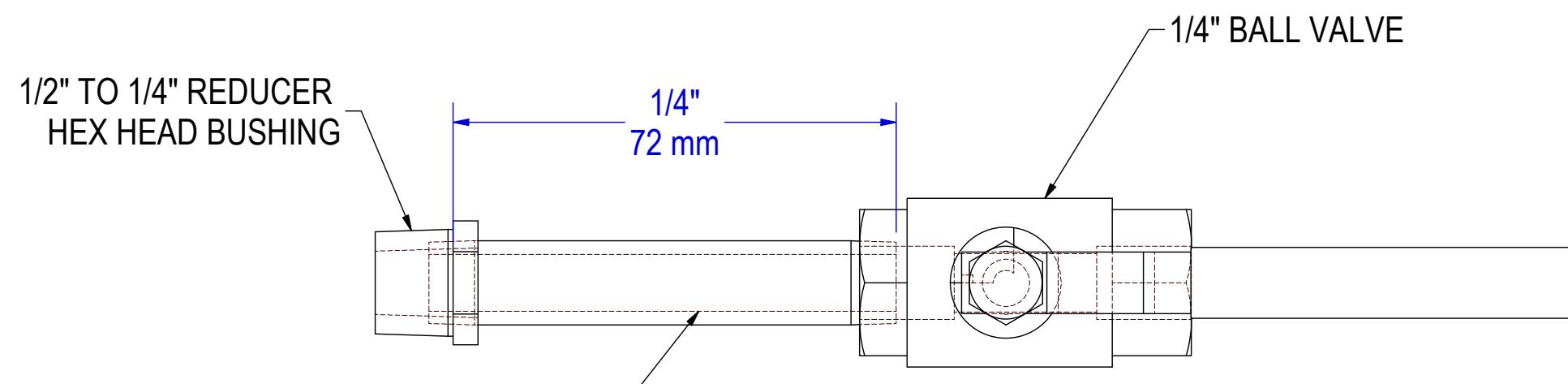


SPOOL - P02 - TOP VIEW



FRONT VIEW
SCALE 1/2

- NOTES:**
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
 - ALL PIPES ARE 1-1/4" 316L S.S. SCH40
 - FLANGES SHALL BE IN ACCORDANCE WITH ASME B16.5 OR B6.1
 - PIPE DESIGN TO BE IN ACCORDANCE WITH ASME B31.3
 - ALL HALF AND FULL COUPLINGS ARE 3000# STAINLESS STEEL
 - WELDING JOINT SHALL BE FULL PENETRATE AND CONTINUOUS.
 - ALL NPT CONNECTION WILL BE FULL TIGHT.
 - ALL PARTS SHALL BE DEBURRE, SHARP EDGES SHALL BE REMOVED AND GIVE 1-1/16" RADIUS
 - ALL COMPONENTS AND WELDS SHALL BE CLEANED WITH ACID AND PASSIVATED.



SPOOL - P03
SCALE 1/1

01	REVISED FOR FABRICATION	06/16/2023	A.S.	M.O.	M.D.
00	FOR FABRICATION	02/21/2023	A.S.	M.O.	M.D.
REV	DESCRIPTION	MM / DD / YYYY	DESIGN	CHECK	APPROVE

REVISION HISTORY

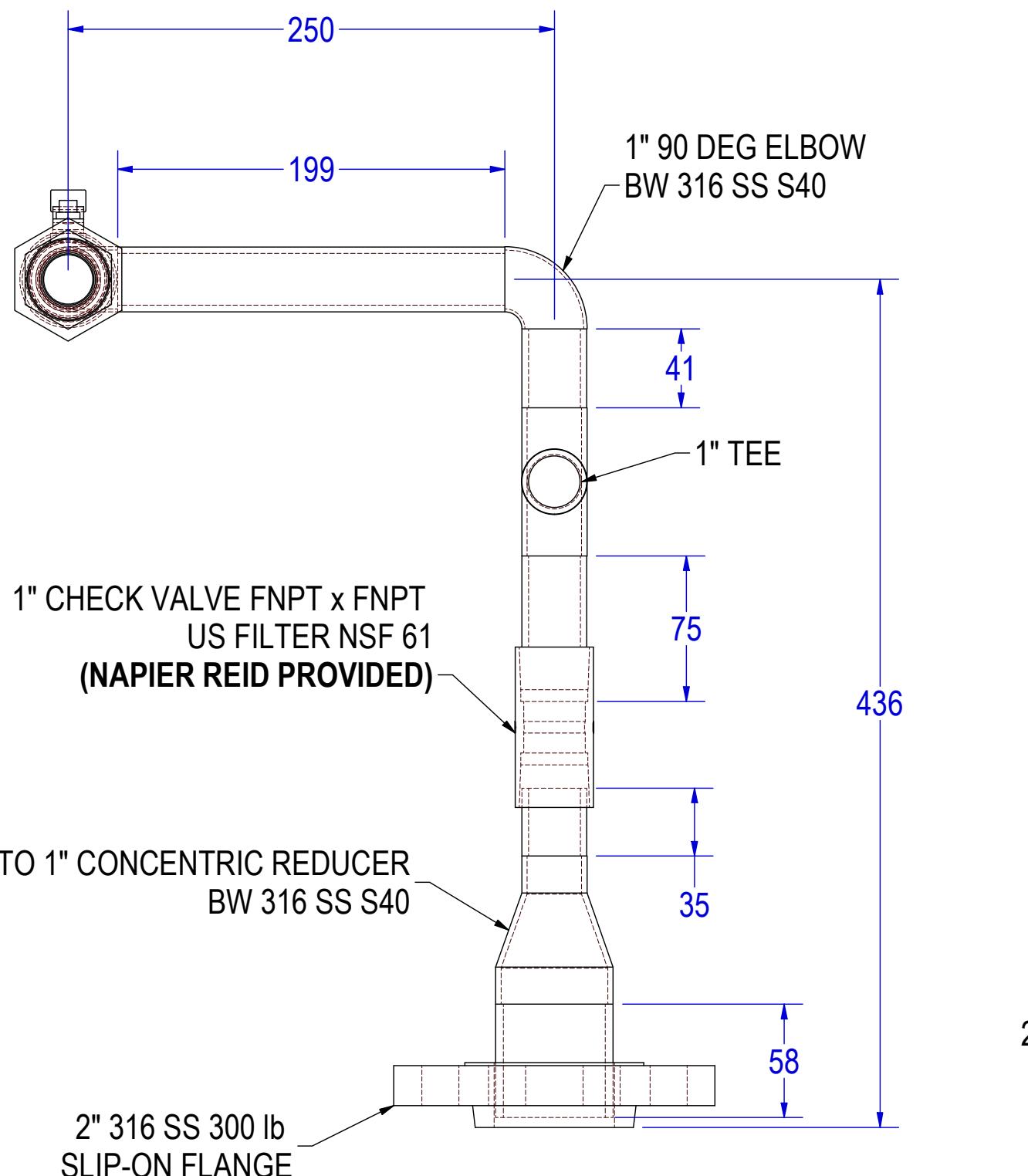
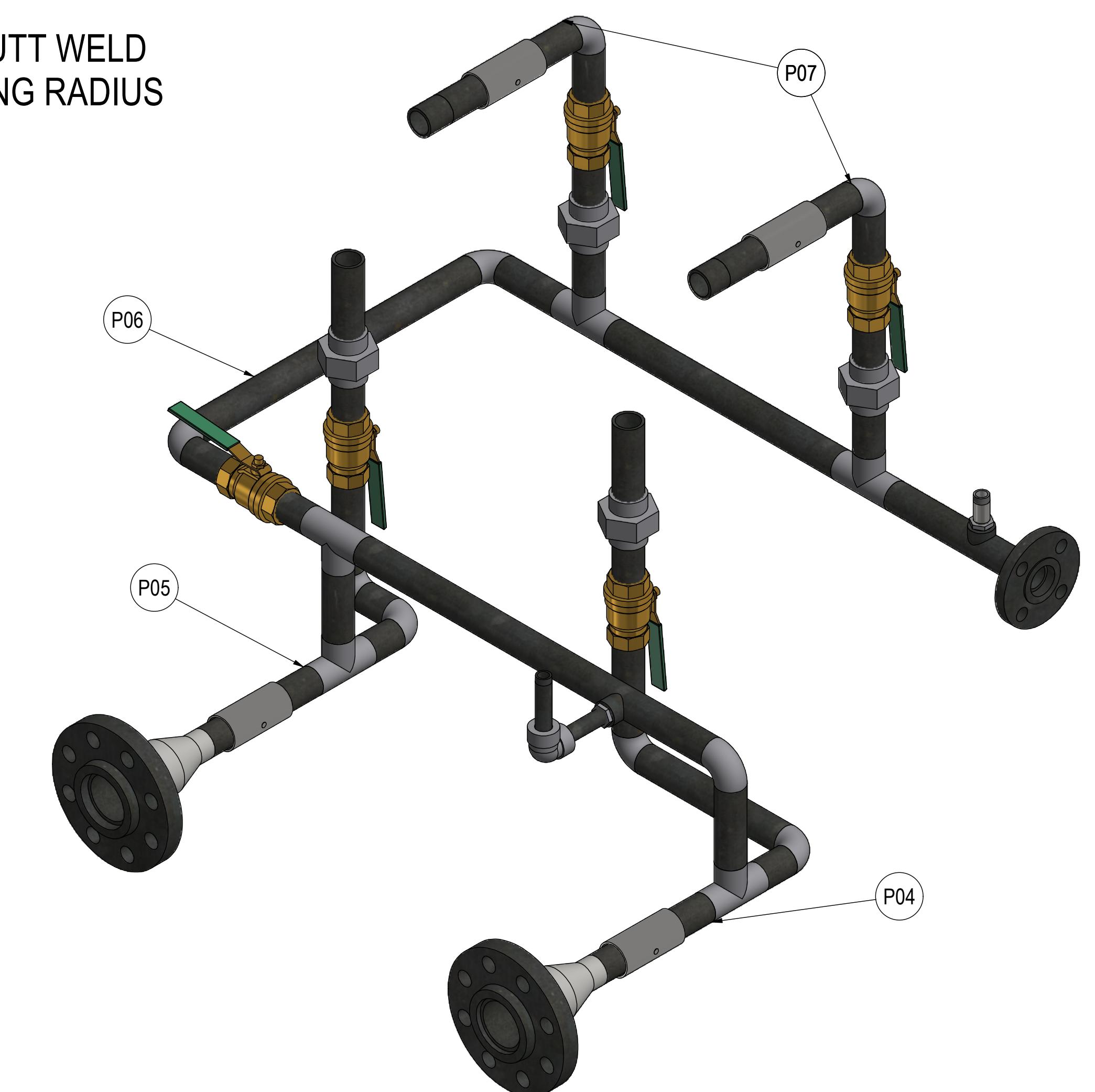


DESIGN FLOW RATE M³/HR
CONVENTIONAL WATER TREATMENT
PLANT, PUMP SKID

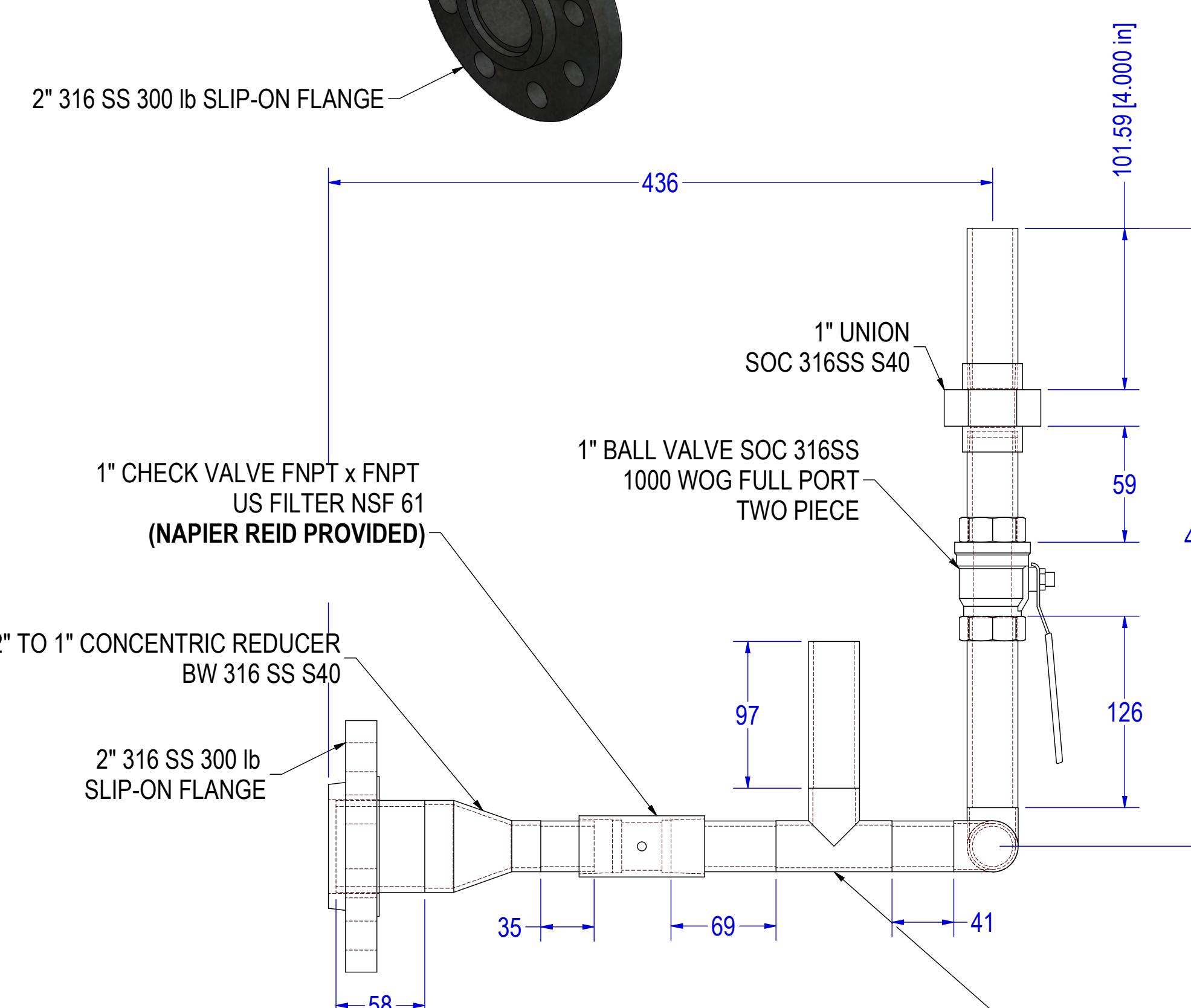
CUSTOMER ALAMOS GOLD INC.	PROJECT ISLAND GOLD MINE SHAFT PROJECT H363409/PM011	SCALE AS SHOWN	FILE. NO.: 22-3122	SHEET 36 OF 54
		OR AS NOTED	DWG. NO.: SKID-2-DRAWING	
CONTRACTOR HATCH	CONSULTING ENGINEER HATCH	DESIGN DATE: 04/10/2022	VERSION R03	
		THIRD ANGLE PLOT DATE: 07/02/2023		

PIPE LIST FOR SECTION 1		
ITEM	DESCRIPTION	QTY
P04	1" 316 SS SCH40	1

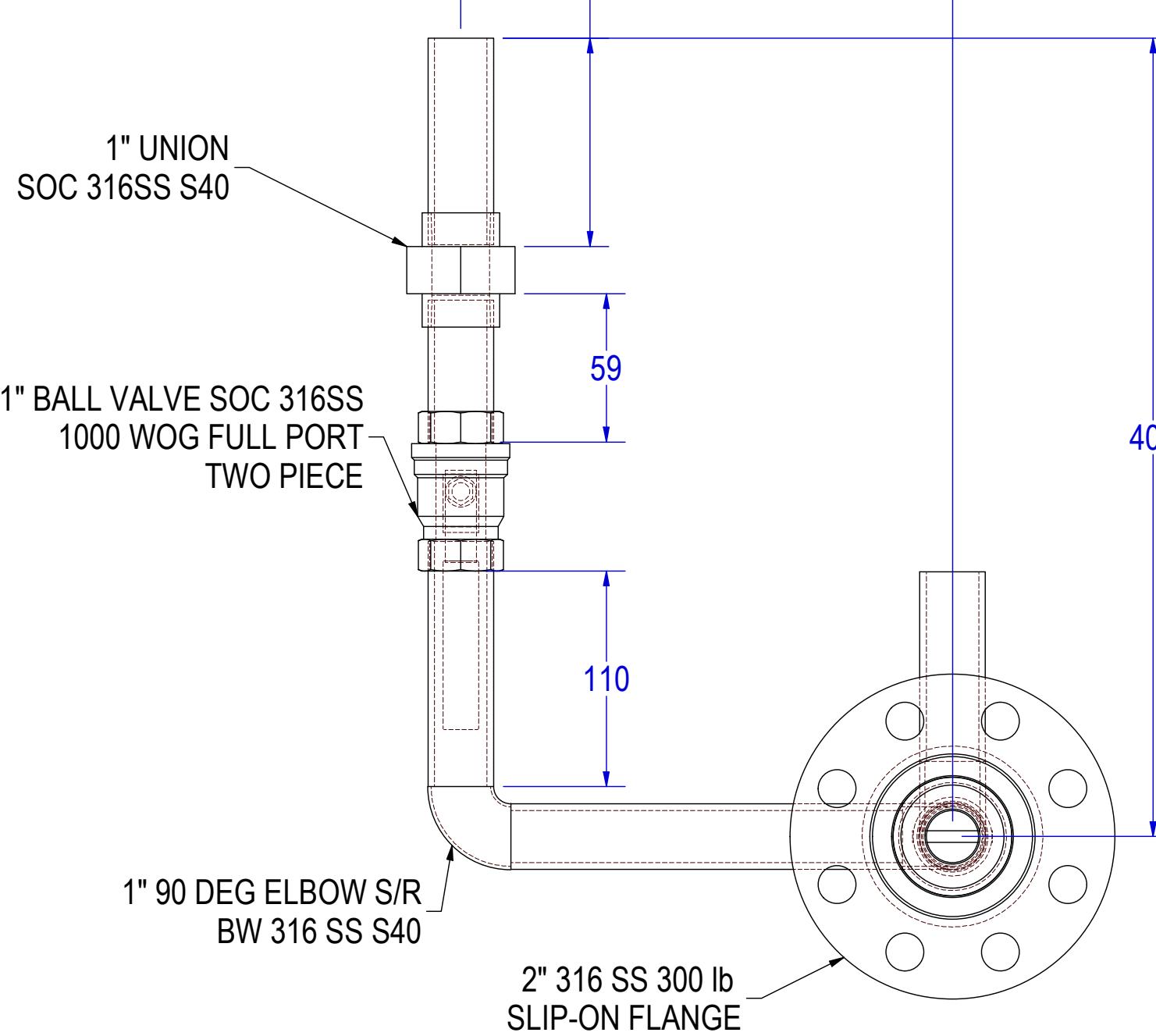
BW = BUTT WELD
L/R = LONG RADIUS



SPOOL - P04 - TOP VIEW
SCALE 1 / 3



SPOOL - P04 - SIDE VIEW
SCALE 1 / 3



SPOOL - P04 - FRONT VIEW
SCALE 1 / 3

NOTES:

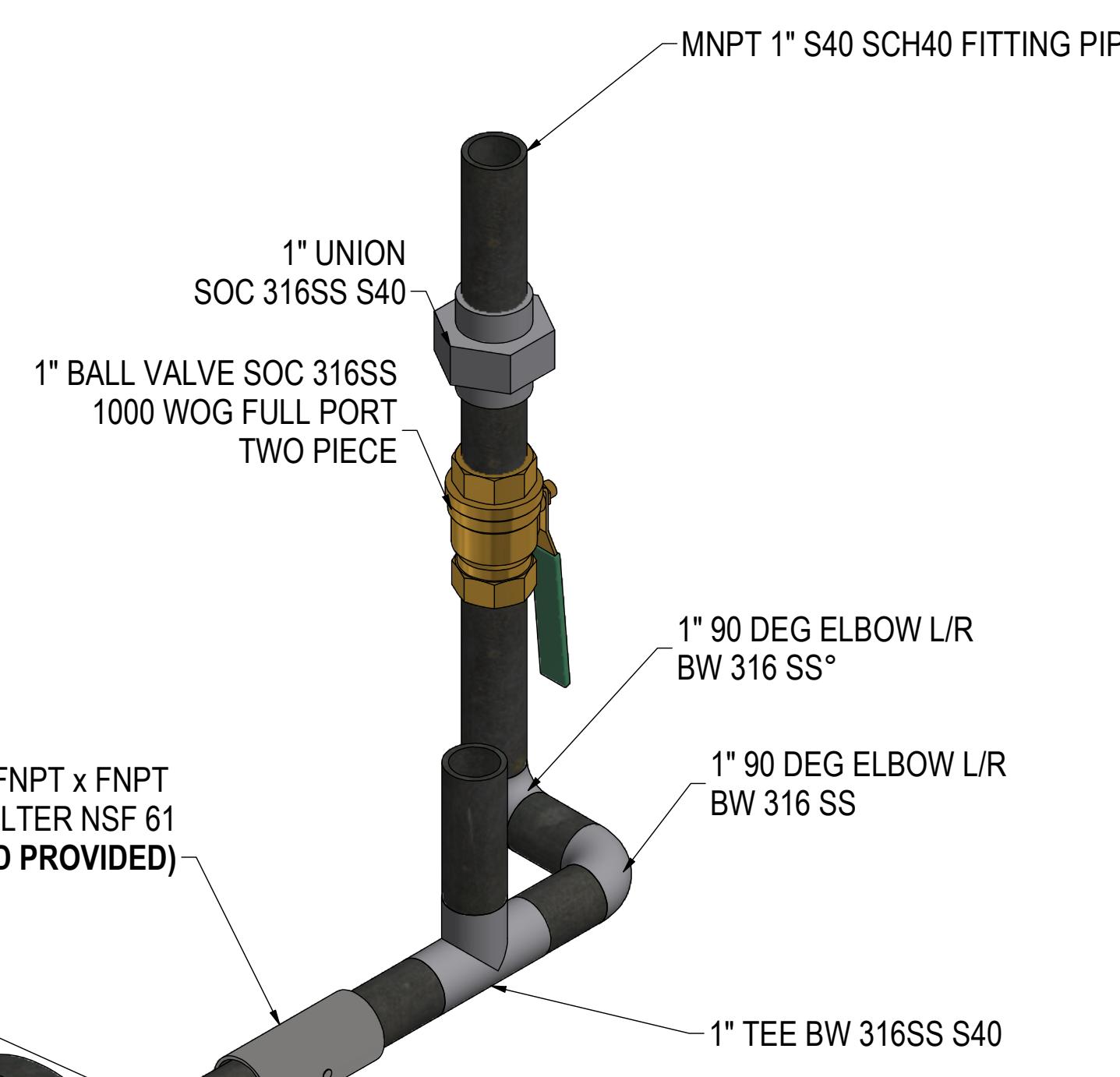
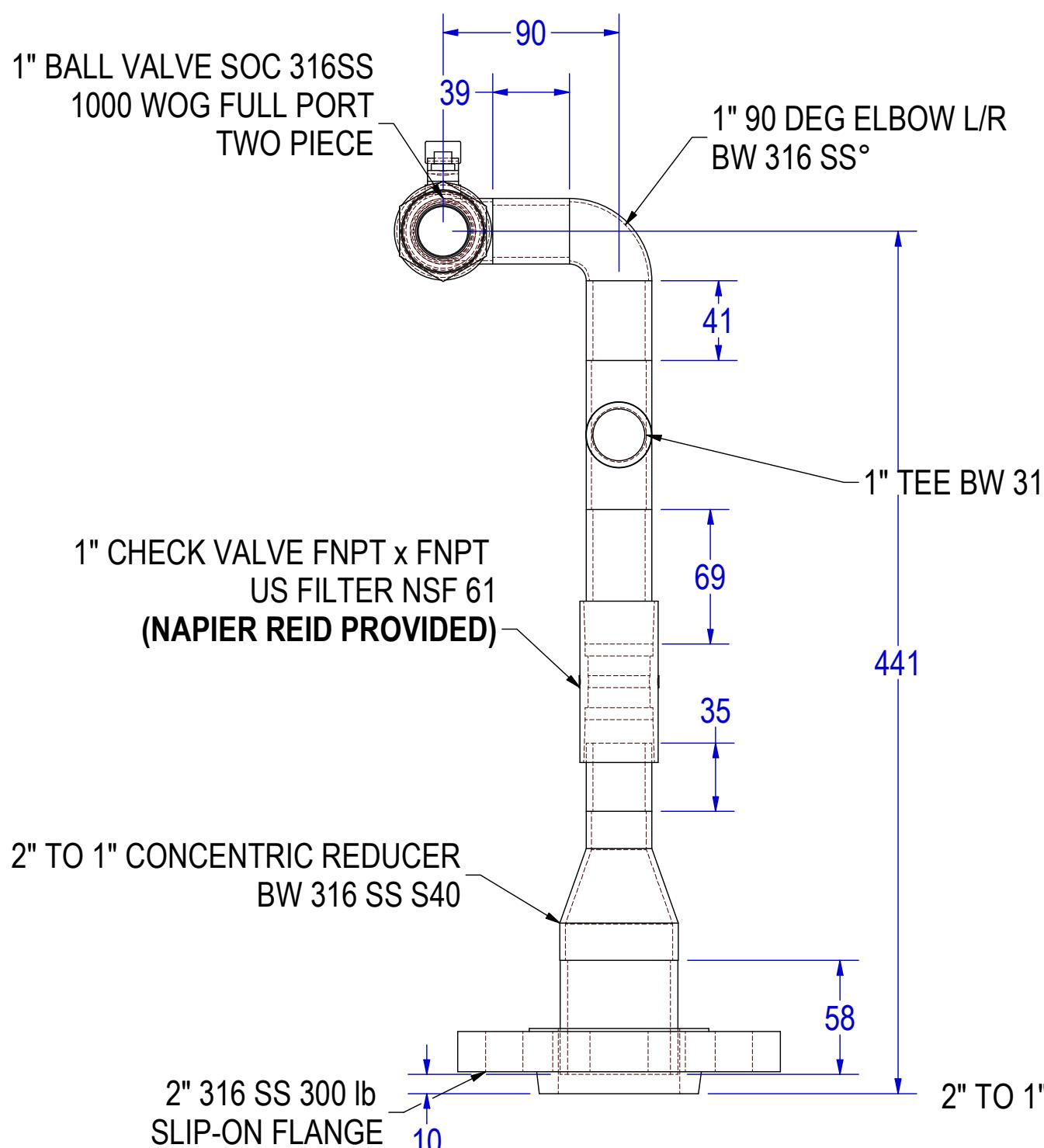
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. ALL PIPES ARE 1" 316L S.S. SCH40
3. FLANGES SHALL BE IN ACCORDANCE WITH ASME B16.5 OR B6.1
4. PIPE DESIGN TO BE IN ACCORDANCE WITH ASME B31.3
5. ALL HALF AND FULL COUPLINGS ARE 300# STAINLESS STEEL
6. WELDING JOINT SHALL BE FULL PENETRATE AND CONTINUOUS.
7. ALL NPT CONNECTION WILL BE FULL TIGHT.
8. ALL PARTS SHALL BE DEBURR, SHARP EDGES SHALL BE REMOVED AND GIVE 1-1/16" RADIUS
9. ALL COMPONENTS AND WELDS SHALL BE CLEANED WITH ACID AND PASSIVATED.

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00	FOR FABRICATION	02/21/2023	A.S.	M.O.	M.D.
REV	DESCRIPTION	MM / DD / YYYY	DESIGN	CHECK	APPROVE

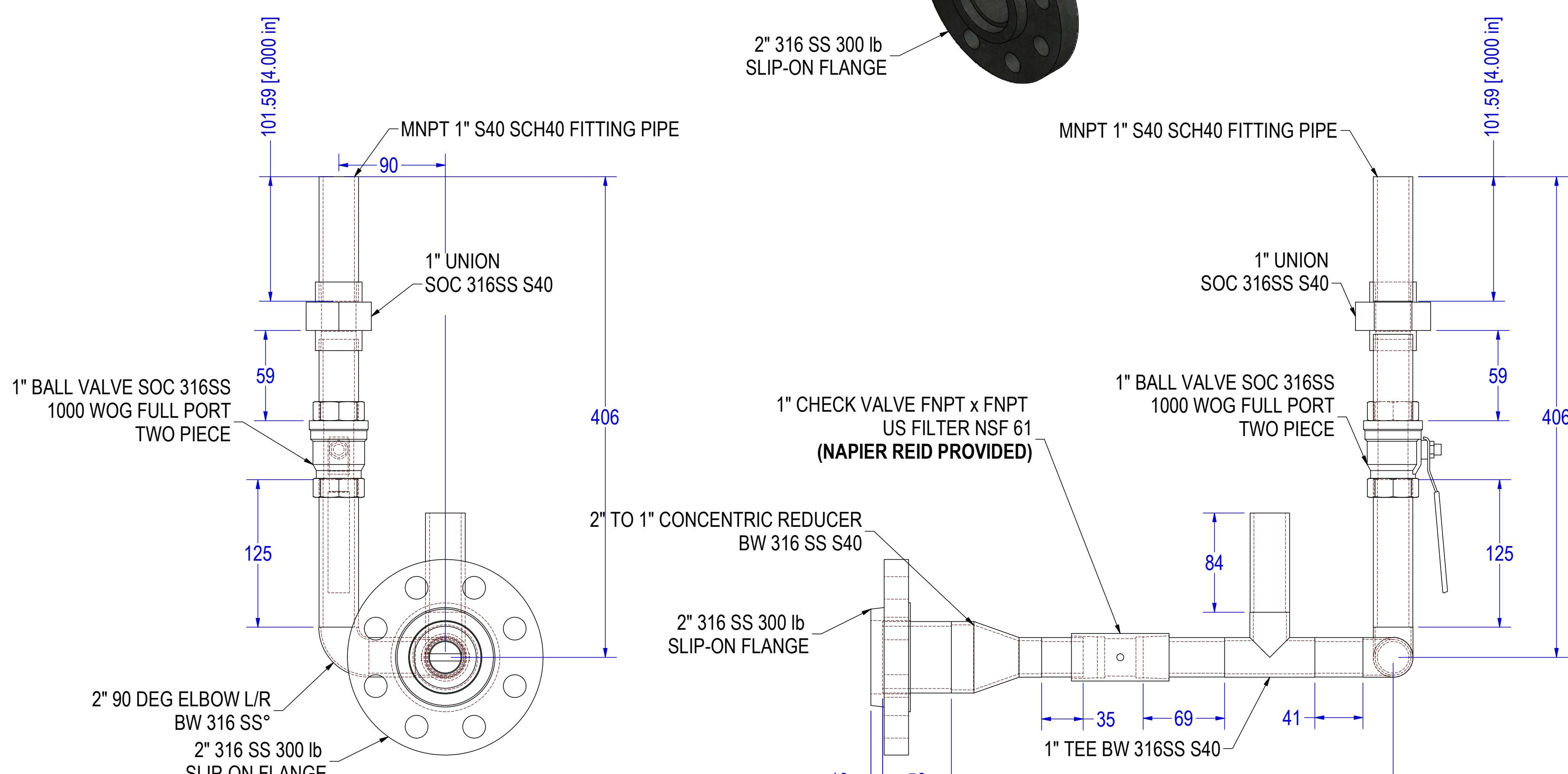
REVISION HISTORY

DESIGN FLOW RATE M³/HR		CONVENTIONAL WATER TREATMENT		
		PLANT, PUMP SKID		
CUSTOMER	PROJECT			
ALAMOS GOLD INC.	ISLAND GOLD MINE SHAFT PROJECT H363409/PM011			
SCALE AS SHOWN OR AS NOTED	FILE. NO.: 22-3122	 SHEET 37 OF 54		
DWG. NO.: SKID-2-DRAWING				
CONTRACTOR	CONSULTING ENGINEER			
HATCH				
THIRD ANGLE	DESIGN DATE: 04/10/2022	VERSION		
	PLOT DATE: 07/02/2023	R03		

PIPE LIST FOR SECTION 1		
ITEM	DESCRIPTION	QTY
P05	1" 316 SS SCH40	1



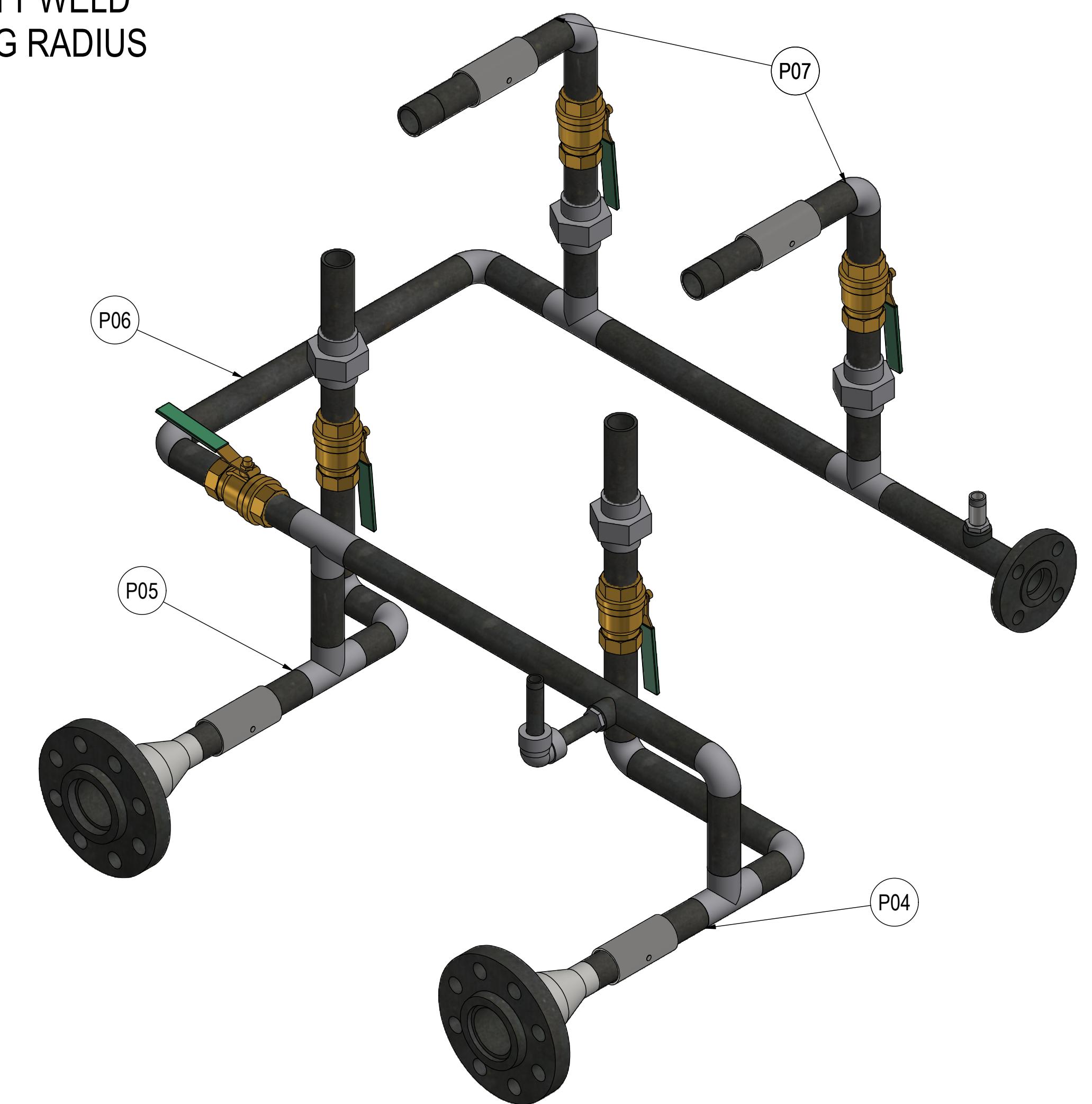
SPOOL-P05-TOP VIEW
SCALE 1 / 3



SPOOL-P05-FRONT VIEW
SCALE 1 / 3

SPOOL-P05-SIDE VIEW
SCALE 1 / 3

BW = BUTT WELD
L/R = LONG RADIUS



NOTES:

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
- ALL PIPES ARE 1" 316L S.S. SCH40
- FLANGES SHALL BE IN ACCORDANCE WITH ASME B16.5 OR B6.1
- PIPE DESIGN TO BE IN ACCORDANCE WITH ASME B31.3
- ALL HALF AND FULL COUPLINGS ARE 3000# STAINLESS STEEL
- WELDING JOINT SHALL BE FULL PENETRATE AND CONTINUOUS.
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- ALL PARTS SHALL BE DEBURR, SHARP EDGES SHALL BE REMOVED AND GIVE 1-1/16" RADIUS
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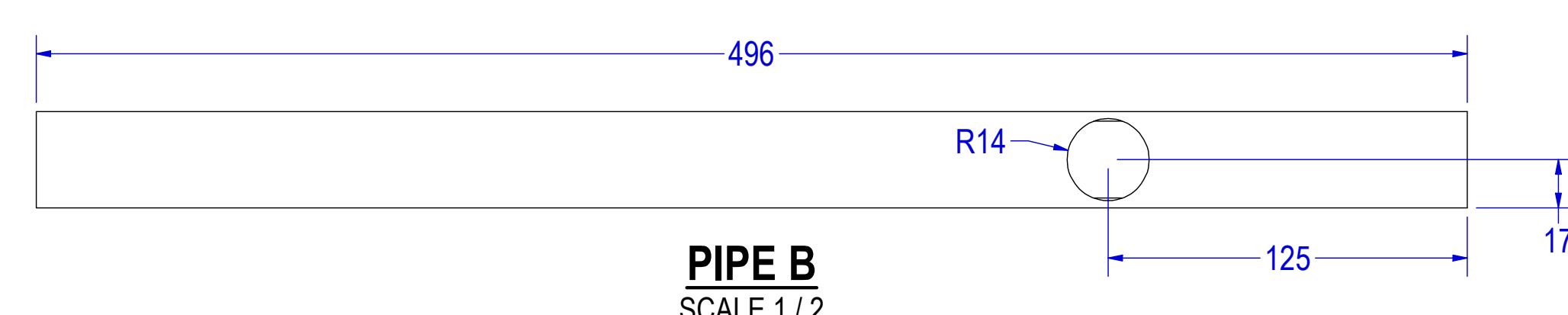
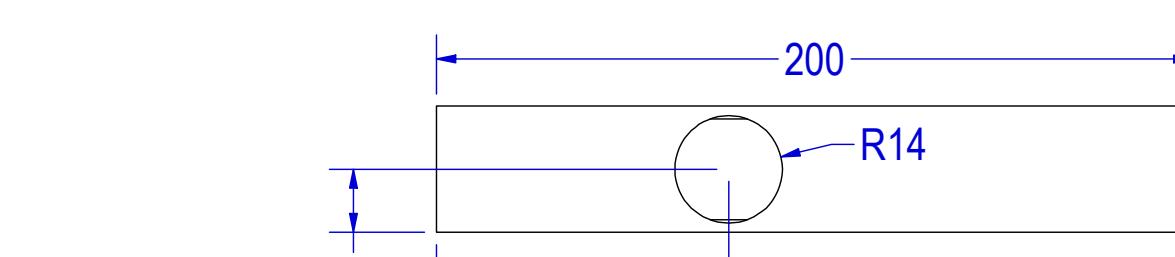
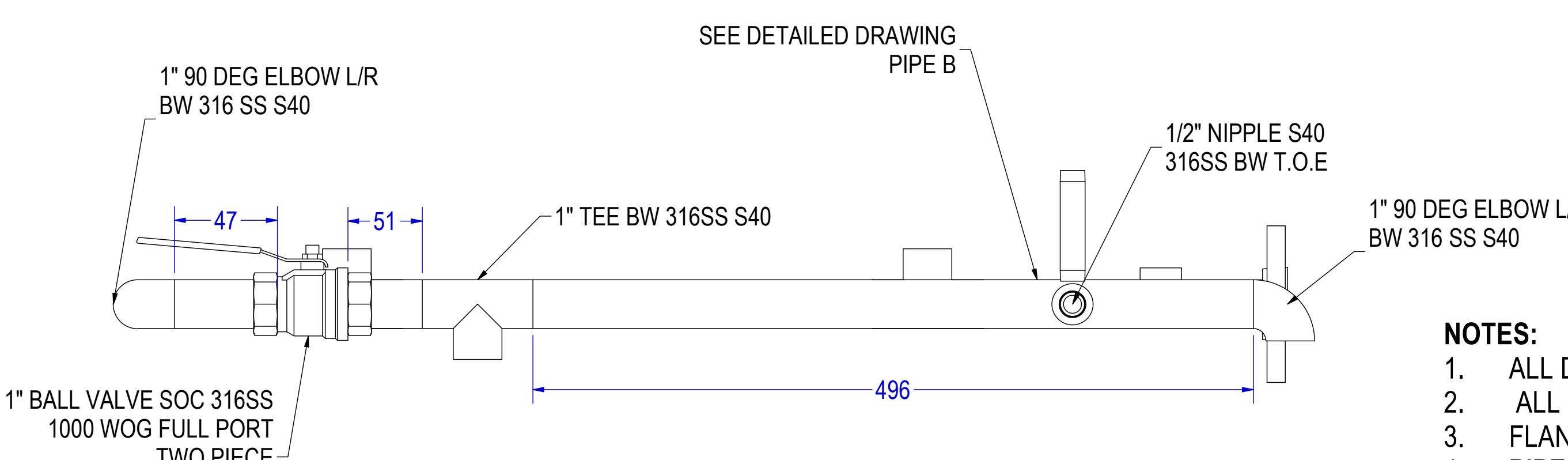
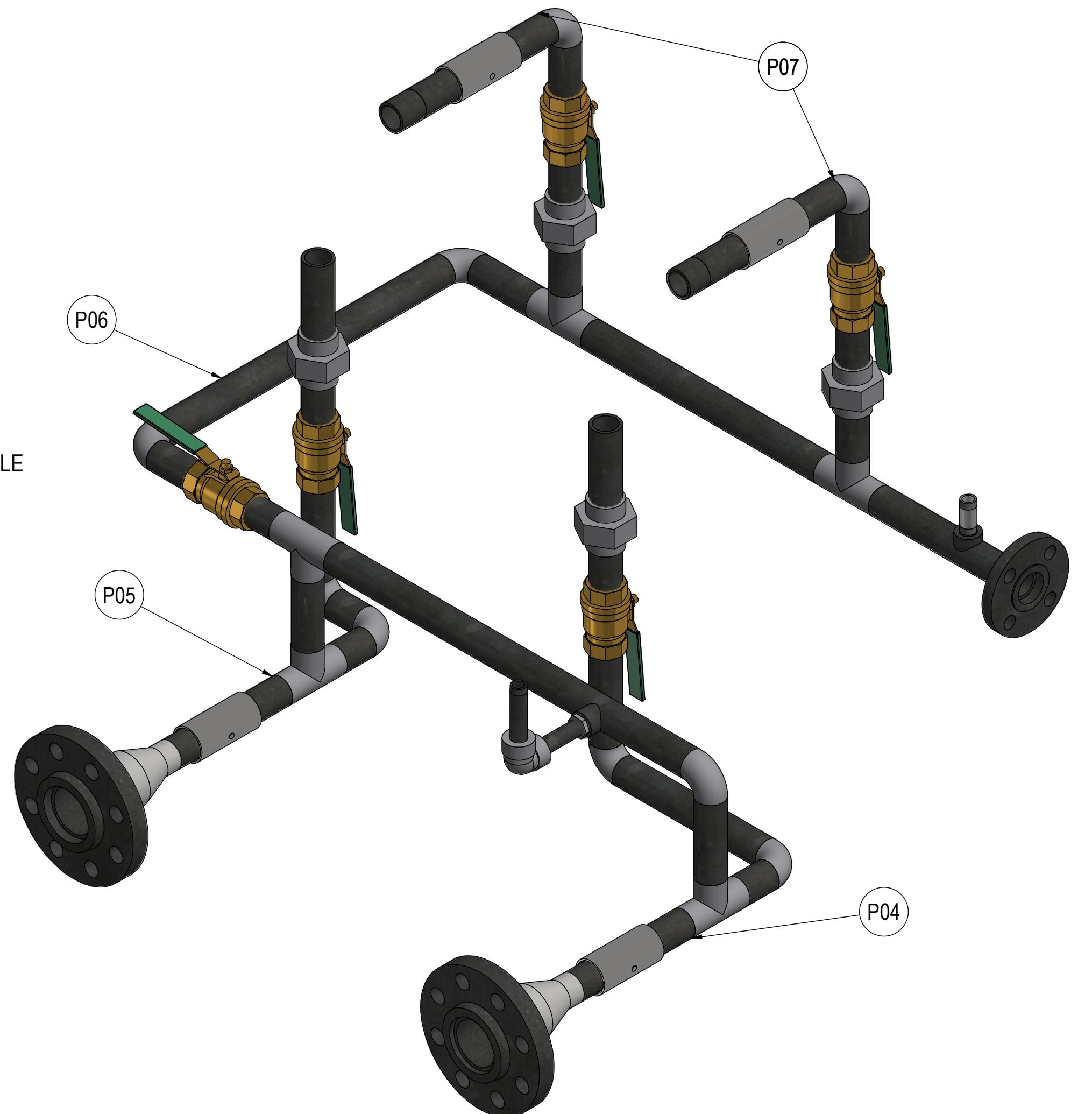
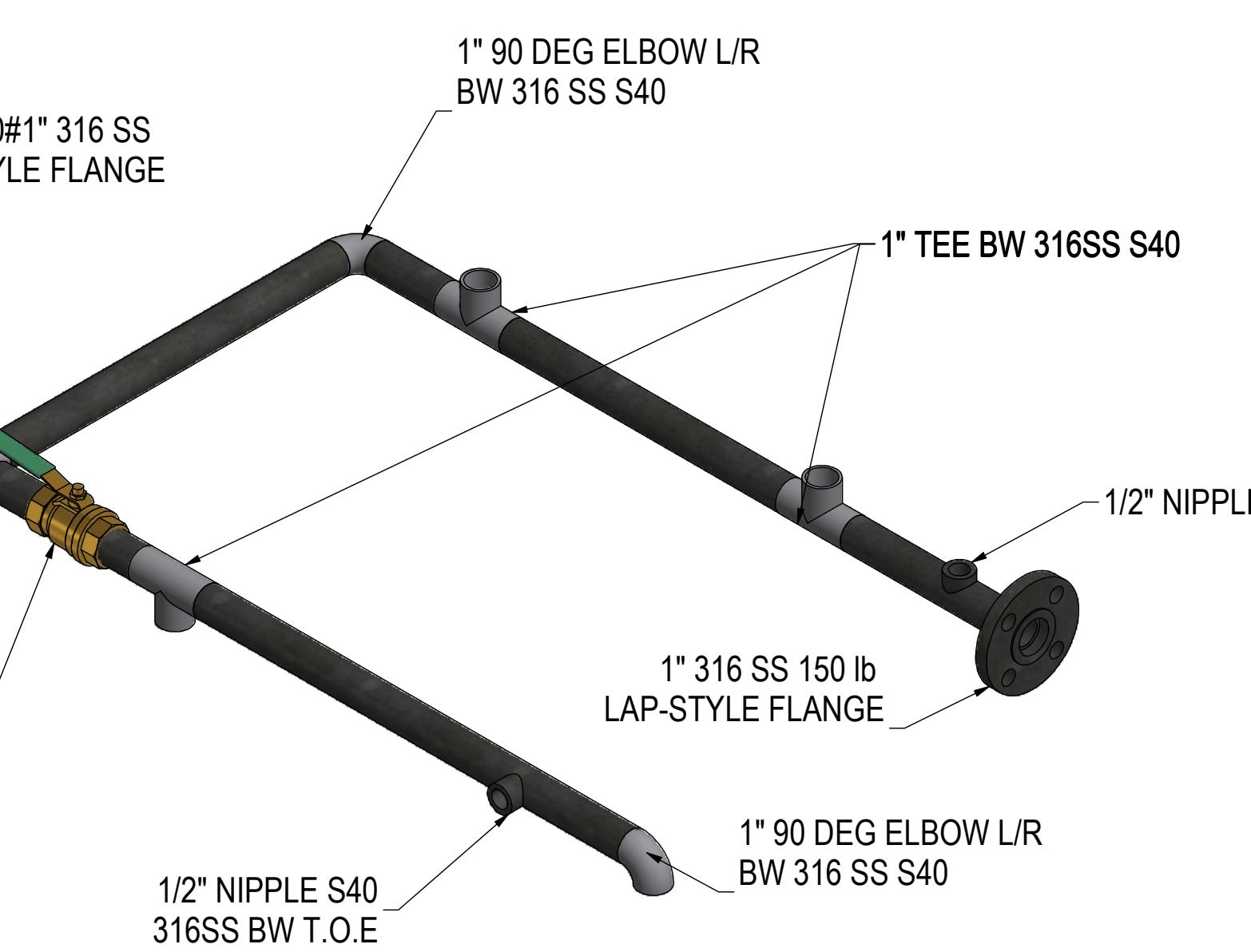
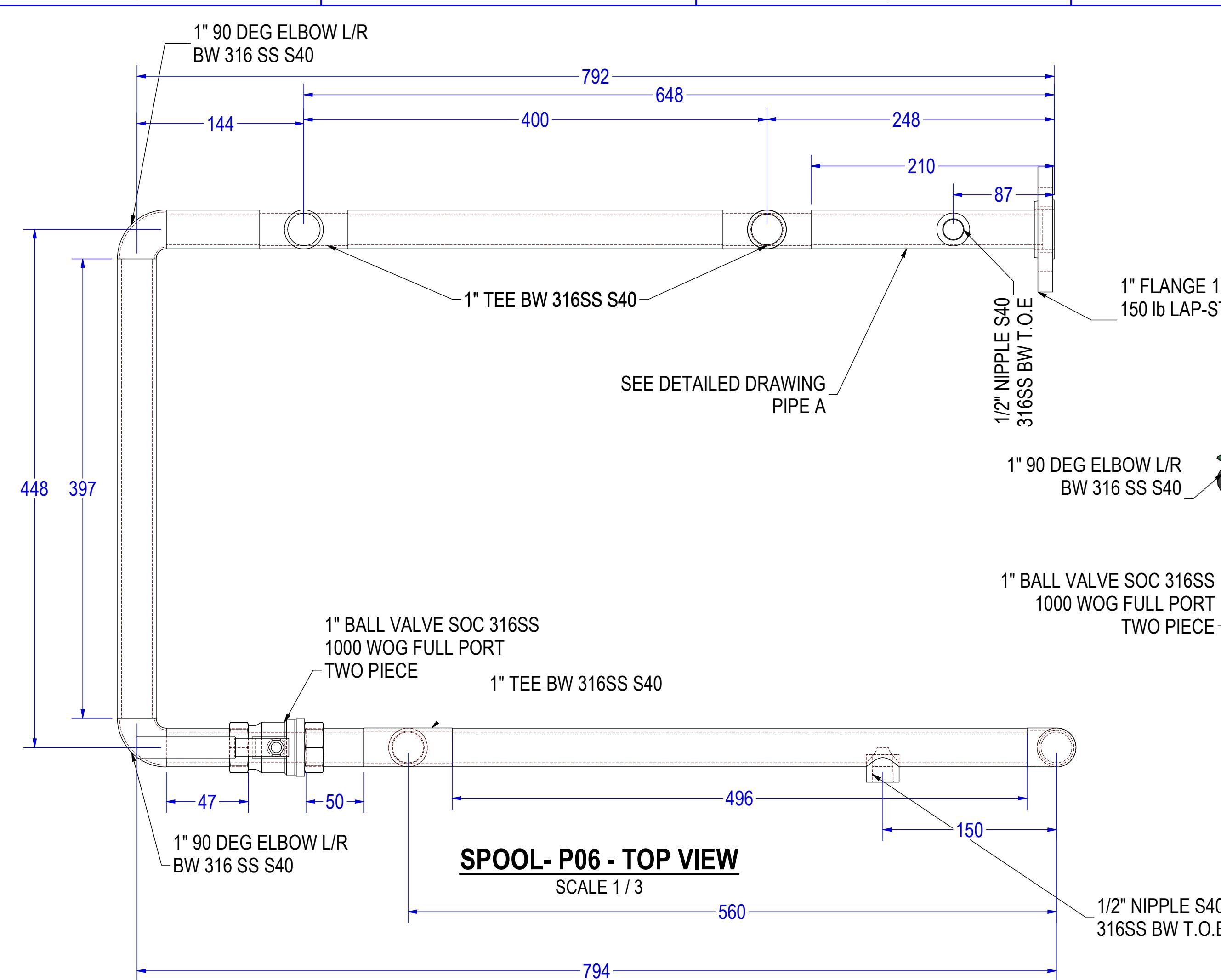
01	REVISED FOR FABRICATION	06/16/2023	A.S.	M.O.	M.D.
00	FOR FABRICATION	02/21/2023	A.S.	M.O.	M.D.
REV	DESCRIPTION				

MM / DD / YYYY DESIGN CHECK APPROVE NOTES

REVISION HISTORY

DESIGN FLOW RATE M ³ /HR	
CONVENTIONAL WATER TREATMENT	
PLANT, PUMP SKID	
	NAPIER-REID Since 1950
CUSTOMER	PROJECT
ALAMOS GOLD INC.	ISLAND GOLD MINE SHAFT PROJECT H363409/PM011
CONTRACTOR	CONSULTING ENGINEER
HATCH	
SCALE AS SHOWN	FILE. NO.: 22-3122 SHEET 38 OF 54
OR AS NOTED	DWG. NO.: SKID-2-DRAWING
THIRD ANGLE	DESIGN DATE: 04/10/2022
	PLOT DATE: 07/02/2023
	VERSION R03

PIPE LIST FOR SECTION 1		
ITEM	DESCRIPTION	QTY
P06	1" 316 SS SCH40	1



NOTES:

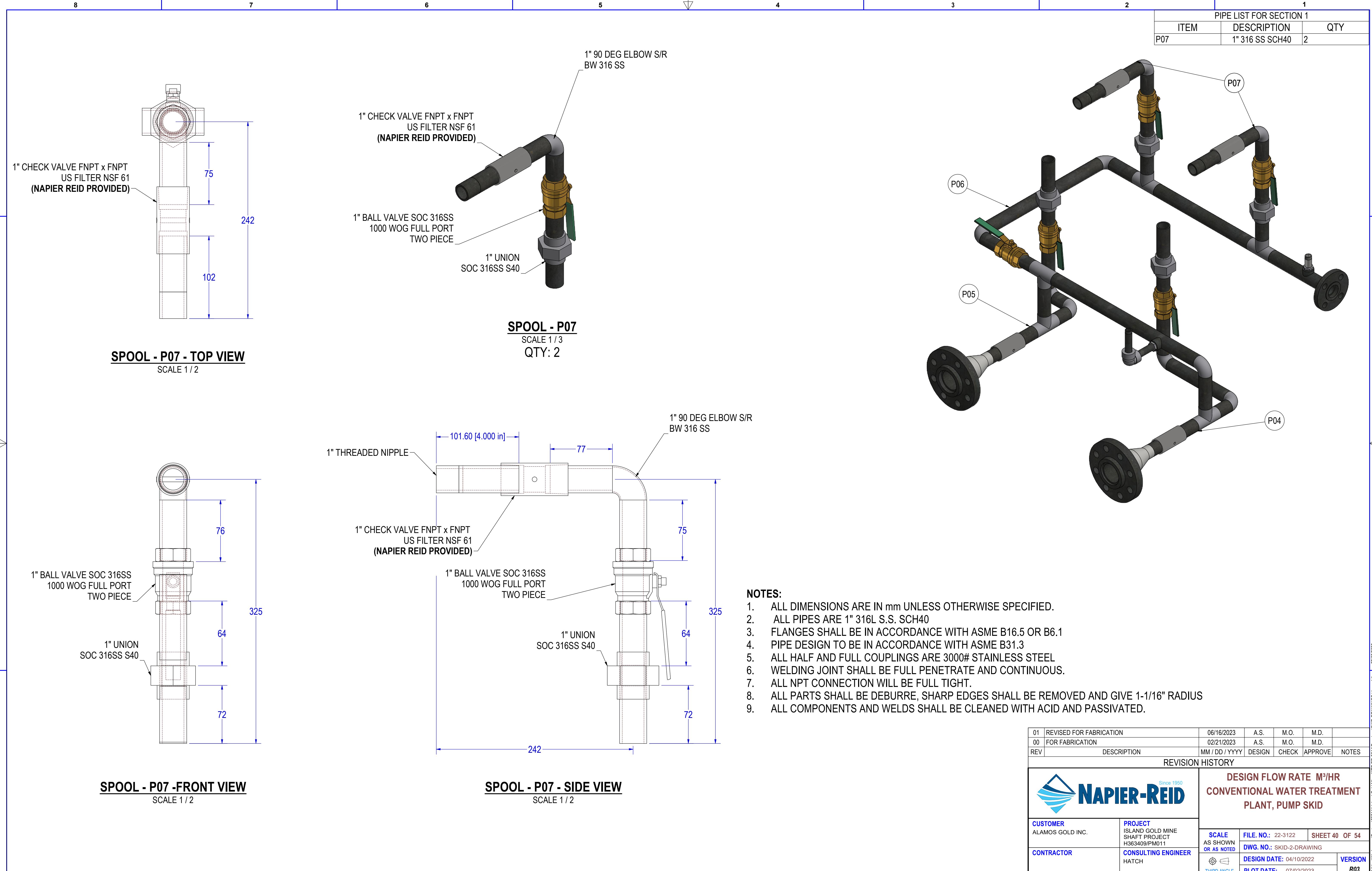
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. ALL PIPES ARE 1" 316L S.S. SCH40
3. FLANGES SHALL BE IN ACCORDANCE WITH ASME B16.5 OR B6.1
4. PIPE DESIGN TO BE IN ACCORDANCE WITH ASME B31.3
5. ALL HALF AND FULL COUPLINGS ARE 3000# STAINLESS STEEL
6. WELDING JOINT SHALL BE FULL PENETRATE AND CONTINUOUS.
7. ALL NPT CONNECTION WILL BE FULL TIGHT.
8. ALL PARTS SHALL BE DEBURR, SHARP EDGES SHALL BE REMOVED AND GIVE 1-1/16" RADIUS
9. ALL COMPONENTS AND WELDS SHALL BE CLEANED WITH ACID AND PASSIVATED.

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00	FOR FABRICATION	02/21/2023	A.S.	M.O.	M.D.
REV	DESCRIPTION				

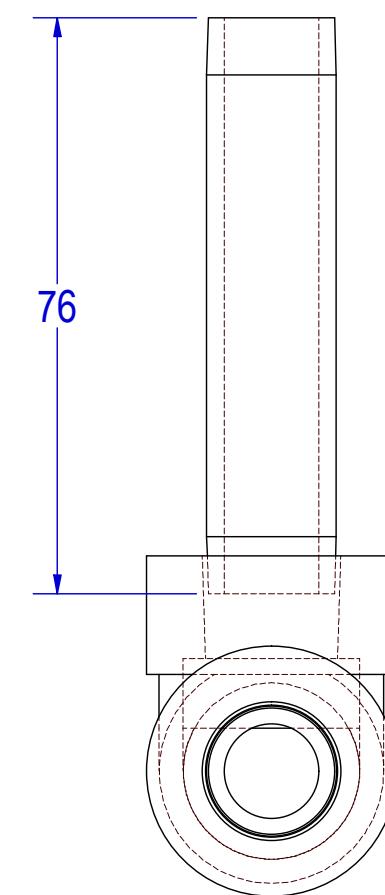
REVISION HISTORY

DESIGN FLOW RATE M ³ /HR	
CONVENTIONAL WATER TREATMENT	
PLANT, PUMP SKID	
CUSTOMER	PROJECT
ALAMOS GOLD INC.	ISLAND GOLD MINE SHAFT PROJECT H363409/PM011
CONTRACTOR	CONSULTING ENGINEER
HATCH	
SCALE AS SHOWN OR AS NOTED	FILE. NO.: 22-3122 SHEET 39 OF 54
DWG. NO.: SKID-2-DRAWING	
DESIGN DATE: 04/10/2022	VERSION R03
THIRD ANGLE	PLOT DATE: 07/02/2023

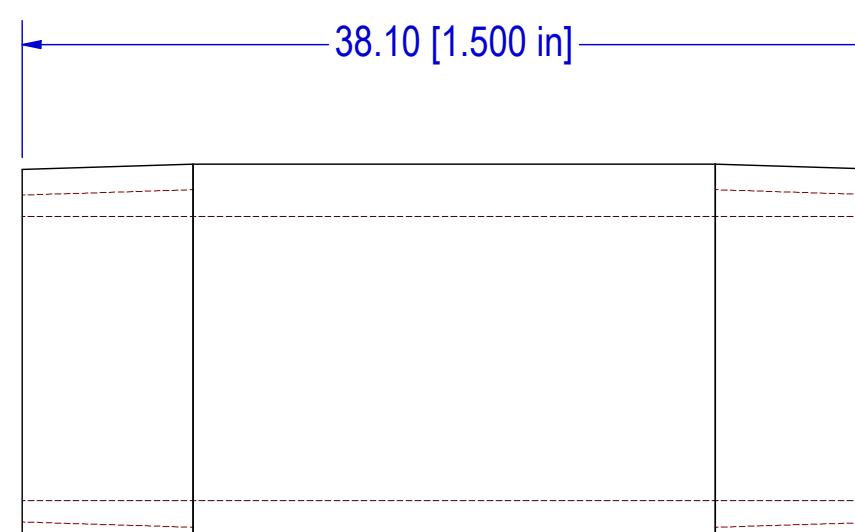
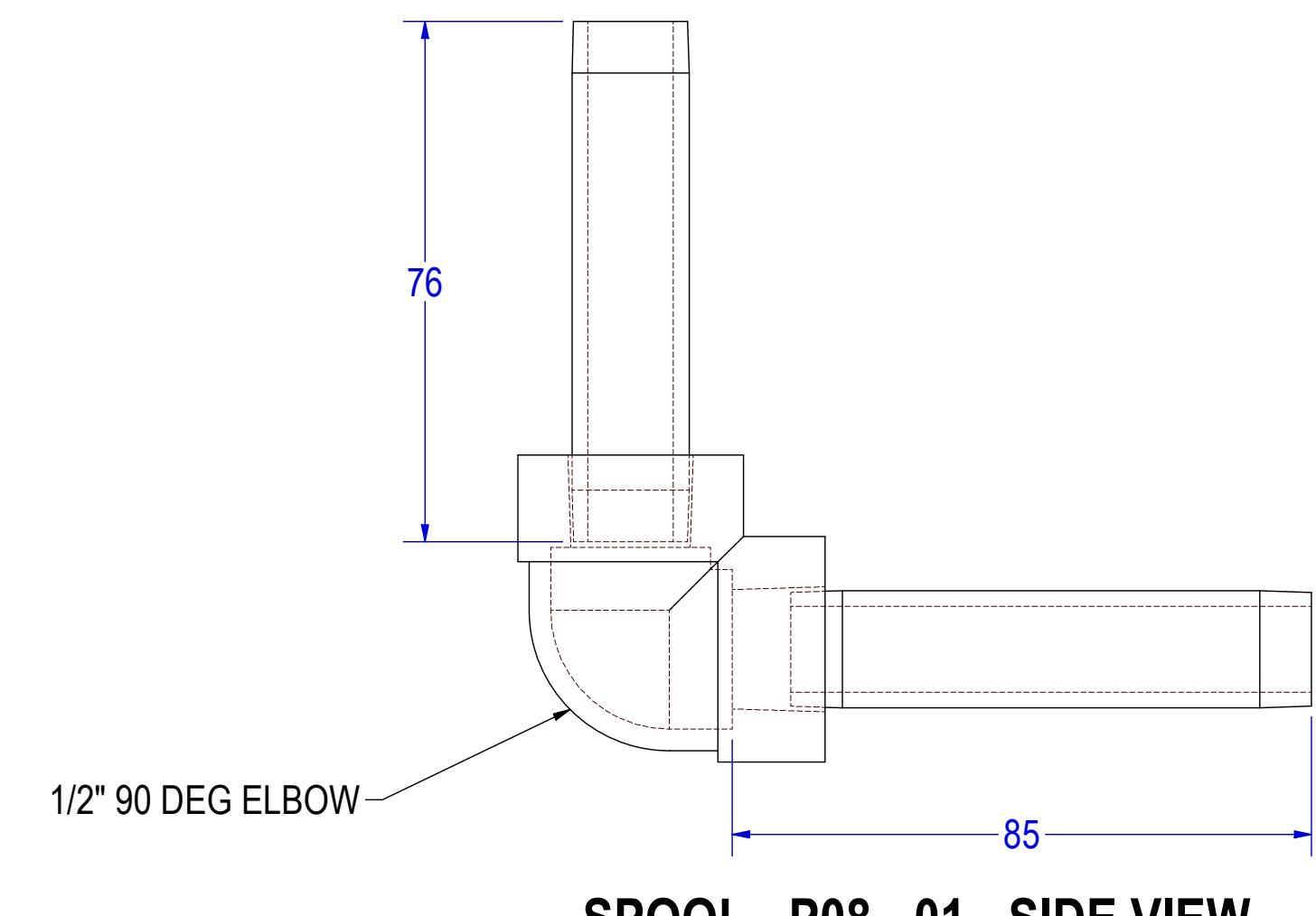
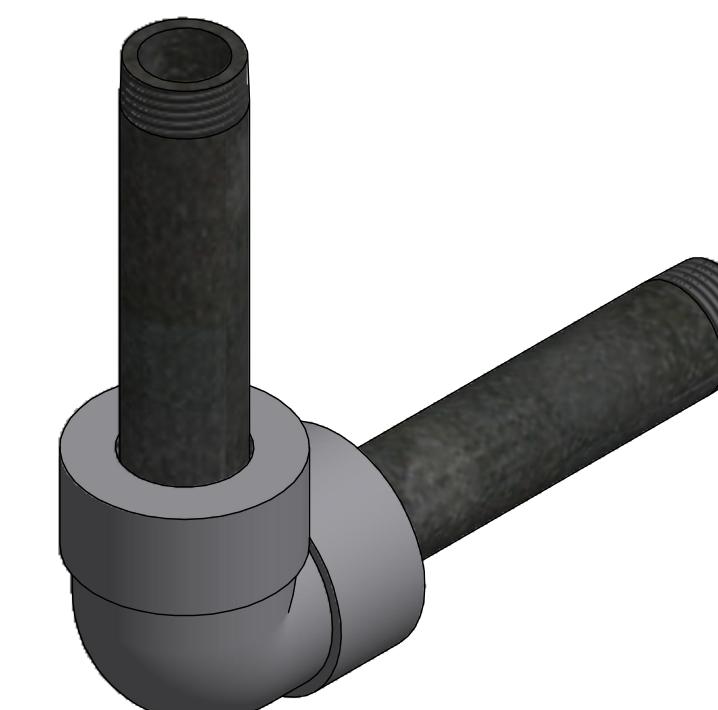
PIPE LIST FOR SECTION 1		
ITEM	DESCRIPTION	QTY
P07	1" 316 SS SCH40	2



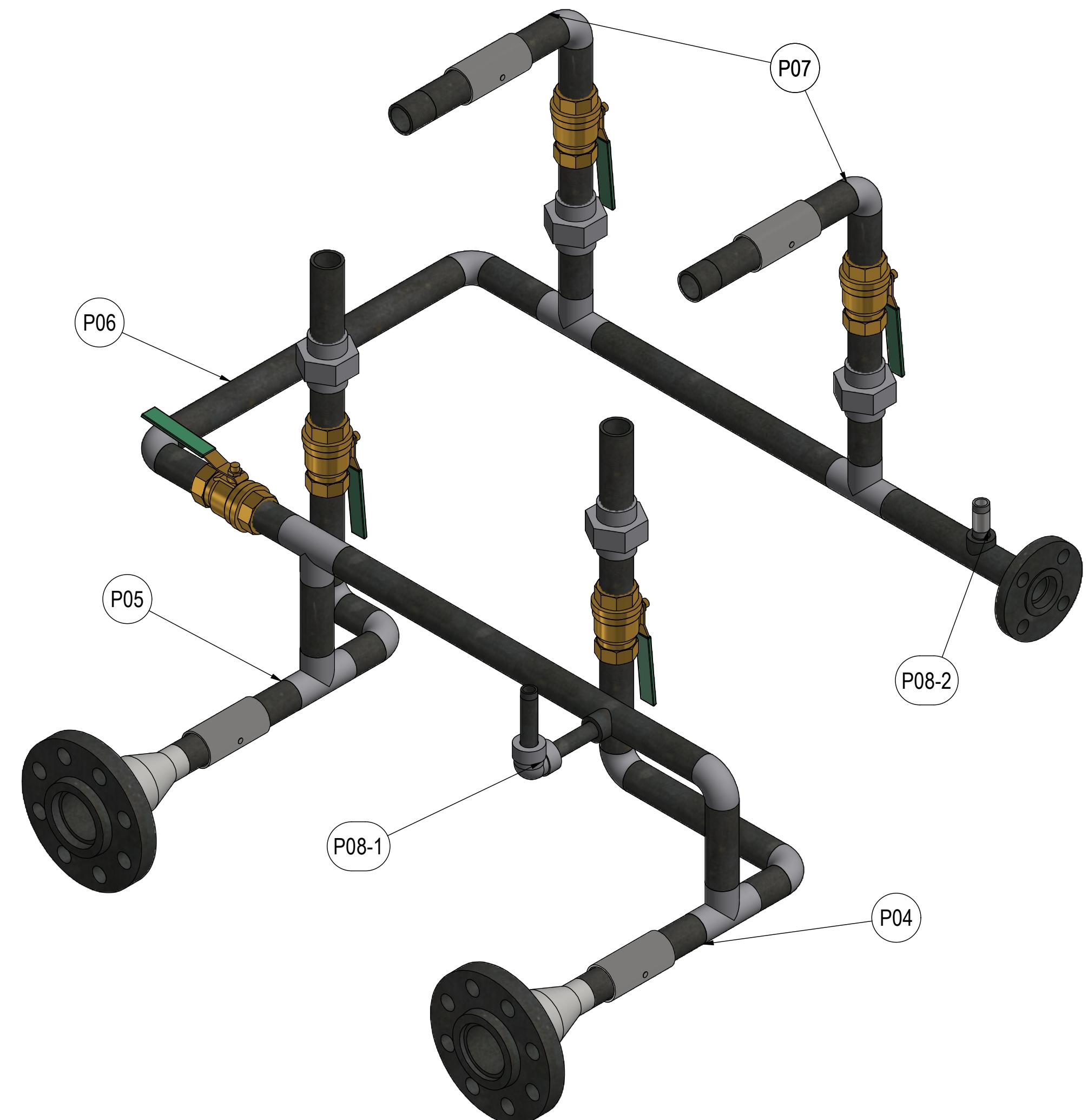
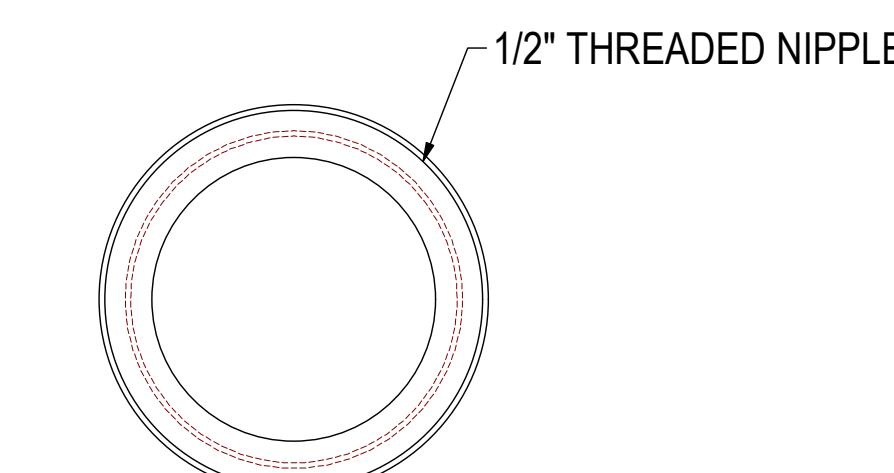
PIPE LIST FOR SECTION 1		
ITEM	DESCRIPTION	QTY
P08-01	1/2" 316 SS SCH40	1
P08-02	1/2" 316 SS SCH40	1



SPOOL - P08 - 01 - TOP VIEW
SCALE 1 / 1



SPOOL - P08 - 02 - FRONT VIEW
SCALE 3 : 1



NOTES:

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. ALL PIPES ARE 1" 316L S.S. SCH40
3. FLANGES SHALL BE IN ACCORDANCE WITH ASME B16.5 OR B6.1
4. PIPE DESIGN TO BE IN ACCORDANCE WITH ASME B31.3
5. ALL HALF AND FULL COUPLINGS ARE 3000# STAINLESS STEEL
6. WELDING JOINT SHALL BE FULL PENETRATE AND CONTINUOUS.
7. ALL NPT CONNECTION WILL BE FULL TIGHT.
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9. ALL COMPONENTS AND WELDS SHALL BE CLEANED WITH ACID AND PASSIVATED.

01	REVISED FOR FABRICATION	06/16/2023	A.S.	M.O.	M.D.
00	FOR FABRICATION	02/21/2023	A.S.	M.O.	M.D.
REV	DESCRIPTION				
	MM / DD / YYYY				
	DESIGN	CHECK	APPROVE	NOTES	

REVISION HISTORY

	DESIGN FLOW RATE M ³ /HR		
	CONVENTIONAL WATER TREATMENT		
	PLANT, PUMP SKID		
CUSTOMER	PROJECT		
ALAMOS GOLD INC.	ISLAND GOLD MINE		
	SHAFT PROJECT		
	H363409/PM011		
CONTRACTOR	CONSULTING ENGINEER		
	HATCH		
SCALE AS SHOWN OR AS NOTED	FILE. NO.: 22-3122	SHEET 41 OF 54	
DWG. NO.: SKID-2-DRAWING			
DESIGN DATE: 04/10/2022			VERSION
PLOT DATE: 07/02/2023			R03
THIRD ANGLE			