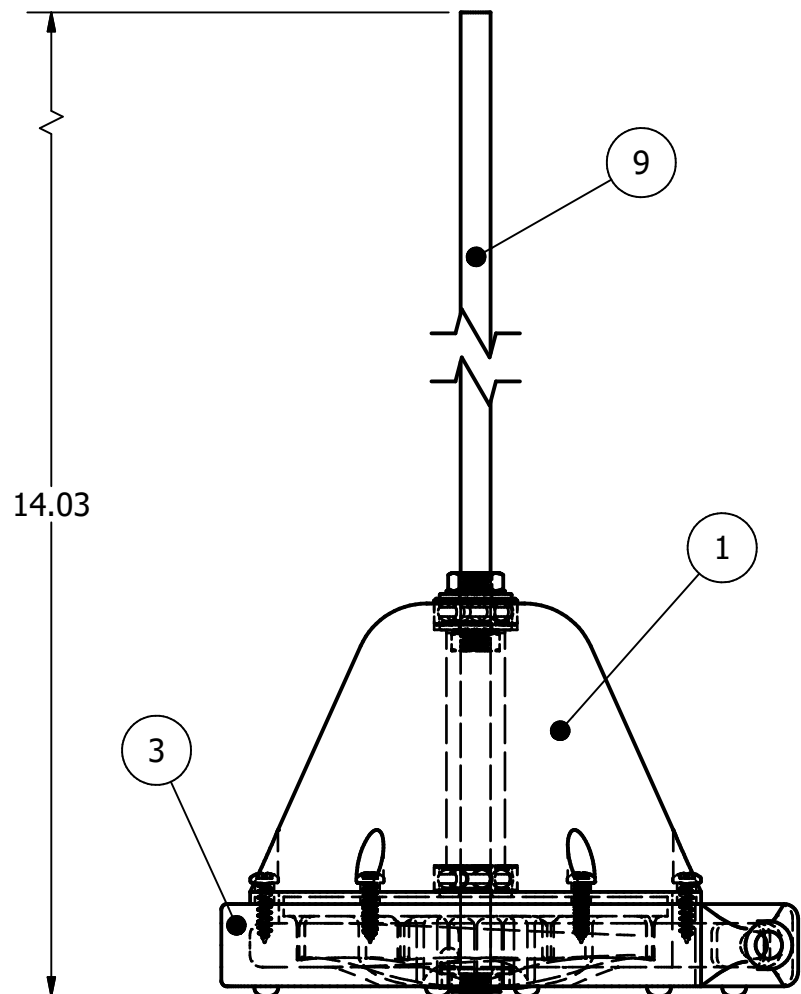
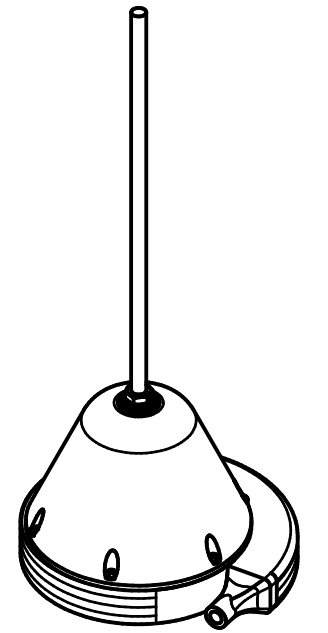


PARTS LIST		
PART #	QTY	PART NAME
1	1	TOP
2	1	IMPELLER
3	1	BOTTOM
4	6	PHILLIPS ROUNDED HEAD SCREWS
5	3	THIN HEX NUT
6	2	BALL BEARING
7	4	WASHER
8	2	INTERNAL-TOOTH LOCK WASHER
9	1	STUD



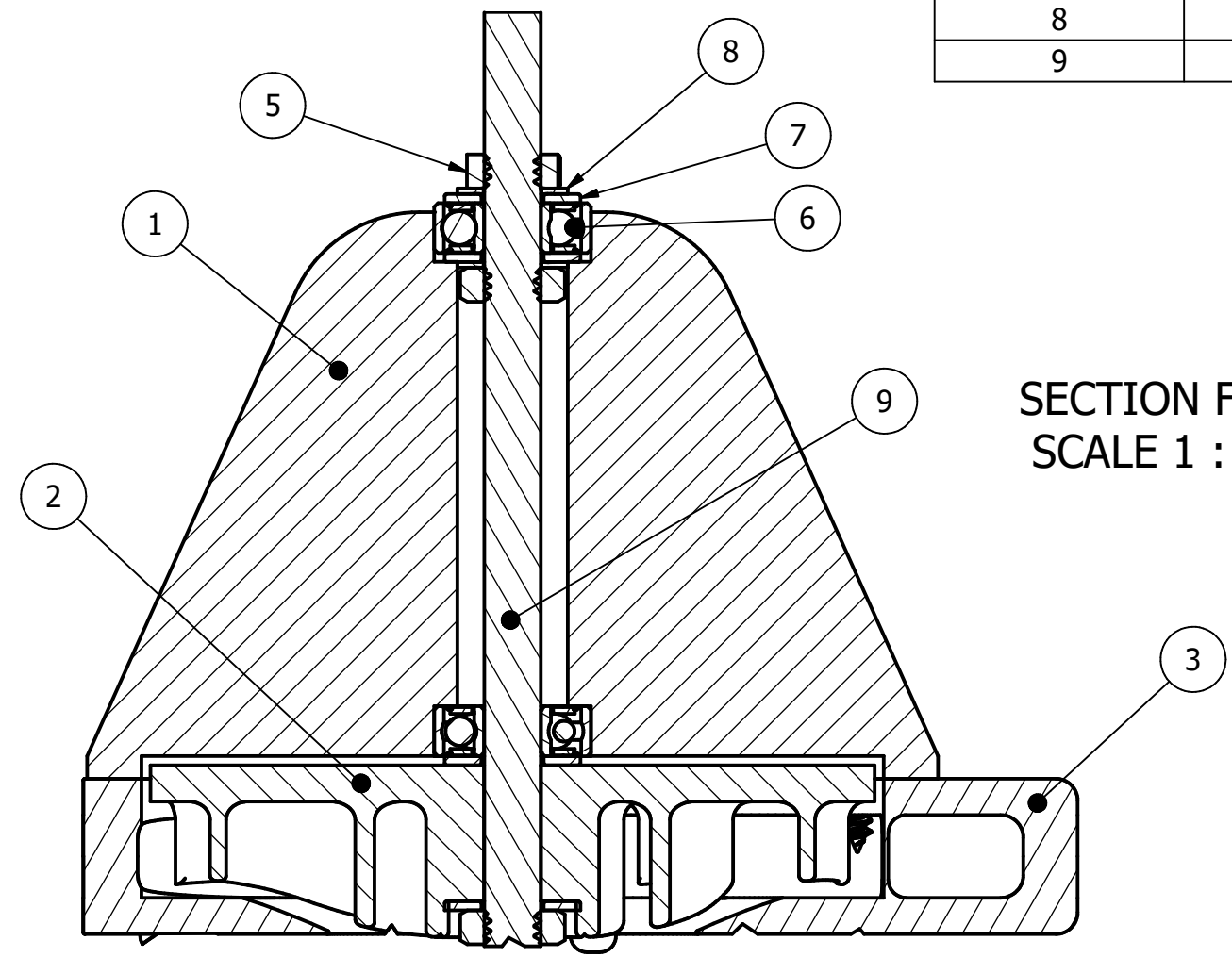
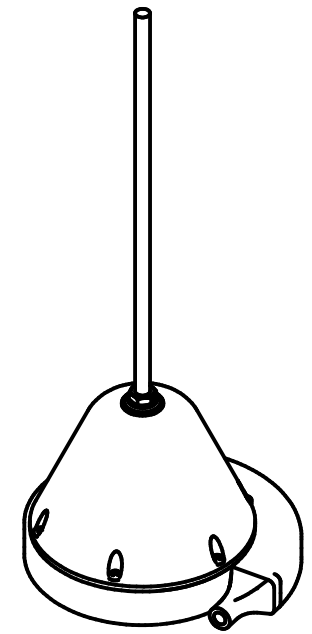
100 HYDROPUMP

NOTES
1. ALL UNITS ARE IN INCHES

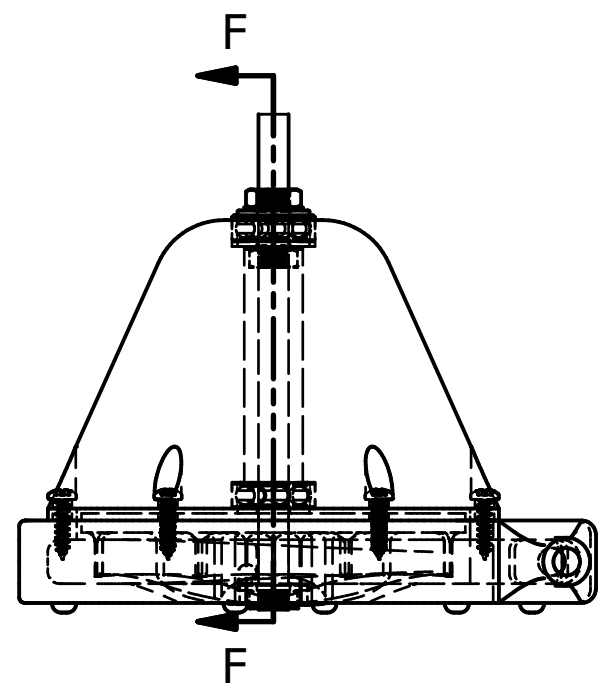
DRAWN HAMMETT	04/01/2024	PITTSBURGH TECHNICAL COLLEGE		
CHECKED OTEY	04/01/2024	TITLE		
QA		HYDROPUMP		
MFG		SIZE B	DWG NO	REV
APPROVED		SCALE 1 / 2	SHEET 1 OF 6	

100 HYDROPUMP

PARTS LIST		
PART #	QTY	PART NAME
1	1	TOP
2	1	IMPELLER
3	1	BOTTOM
4	6	PHILLIPS ROUNDED HEAD SCREWS
5	3	THIN HEX NUT
6	2	BALL BEARING
7	4	WASHER
8	2	INTERNAL-TOOTH LOCK WASHER
9	1	STUD

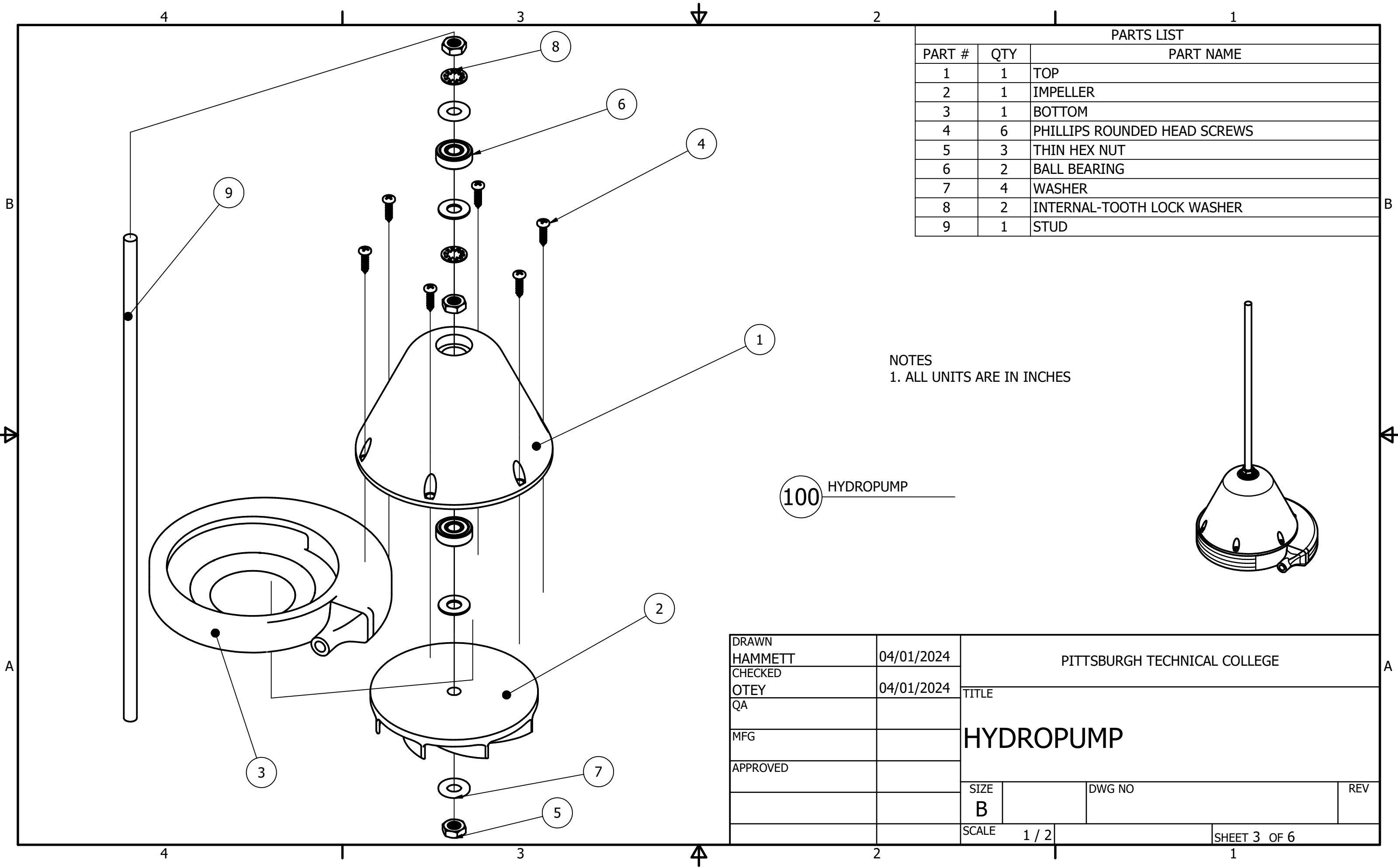


SECTION F-F
SCALE 1 : 1



NOTES
1. ALL UNITS ARE IN INCHES

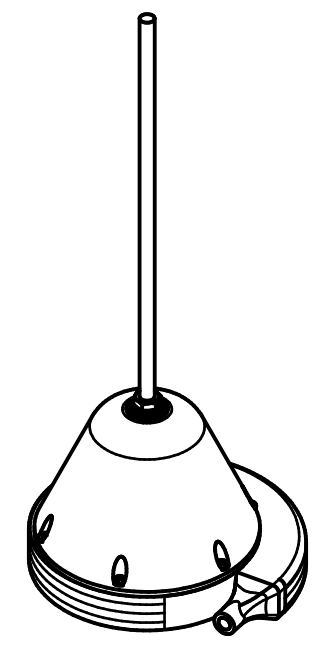
DRAWN HAMMETT	04/01/2024	PITTSBURGH TECHNICAL COLLEGE		
CHECKED OTEY	04/01/2024	TITLE		
QA		HYDROPUMP		
MFG				
APPROVED		SIZE B	DWG NO	REV
		SCALE 1 / 2	SHEET 2 OF 6	



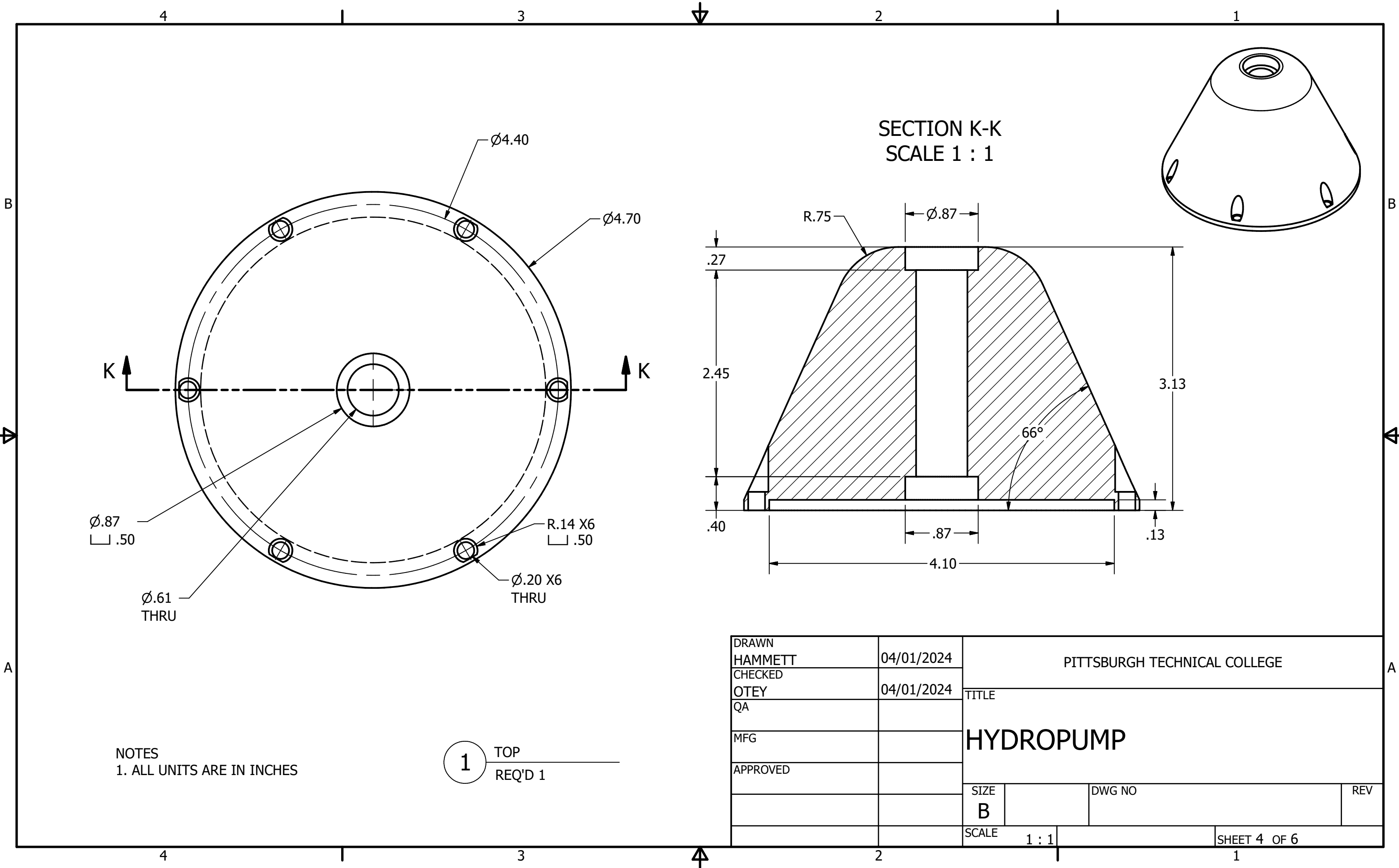
PARTS LIST		
PART #	QTY	PART NAME
1	1	TOP
2	1	IMPELLER
3	1	BOTTOM
4	6	PHILLIPS ROUNDED HEAD SCREWS
5	3	THIN HEX NUT
6	2	BALL BEARING
7	4	WASHER
8	2	INTERNAL-TOOTH LOCK WASHER
9	1	STUD

NOTES
 1. ALL UNITS ARE IN INCHES

100 HYDROPUMP



DRAWN HAMMETT	04/01/2024	PITTSBURGH TECHNICAL COLLEGE		
CHECKED OTEY	04/01/2024	TITLE		
QA		HYDROPUMP		
MFG		SIZE B	DWG NO	REV
APPROVED		SCALE 1 / 2	SHEET 3 OF 6	

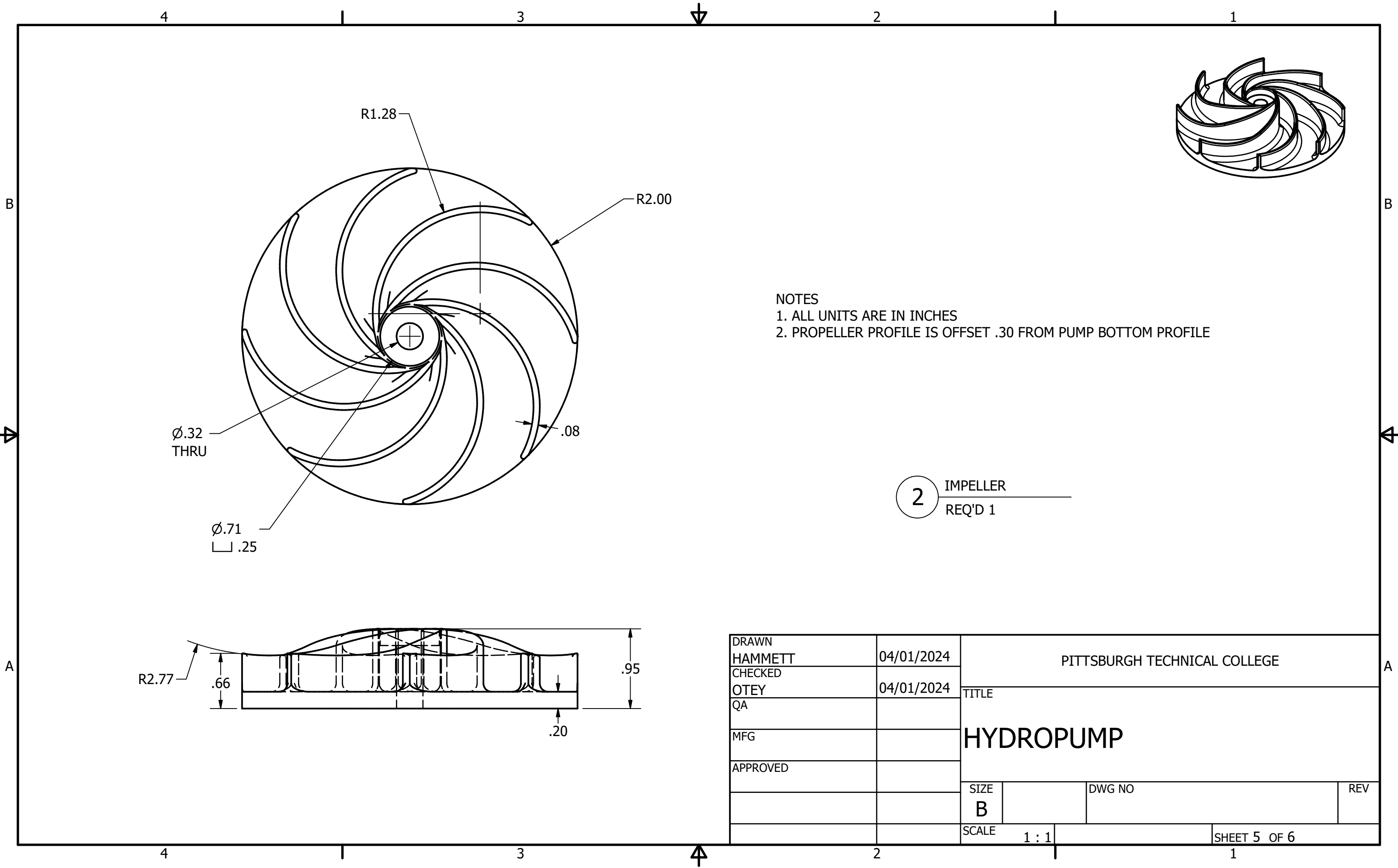


SECTION K-K
SCALE 1 : 1

NOTES
1. ALL UNITS ARE IN INCHES

1 TOP
REQ'D 1

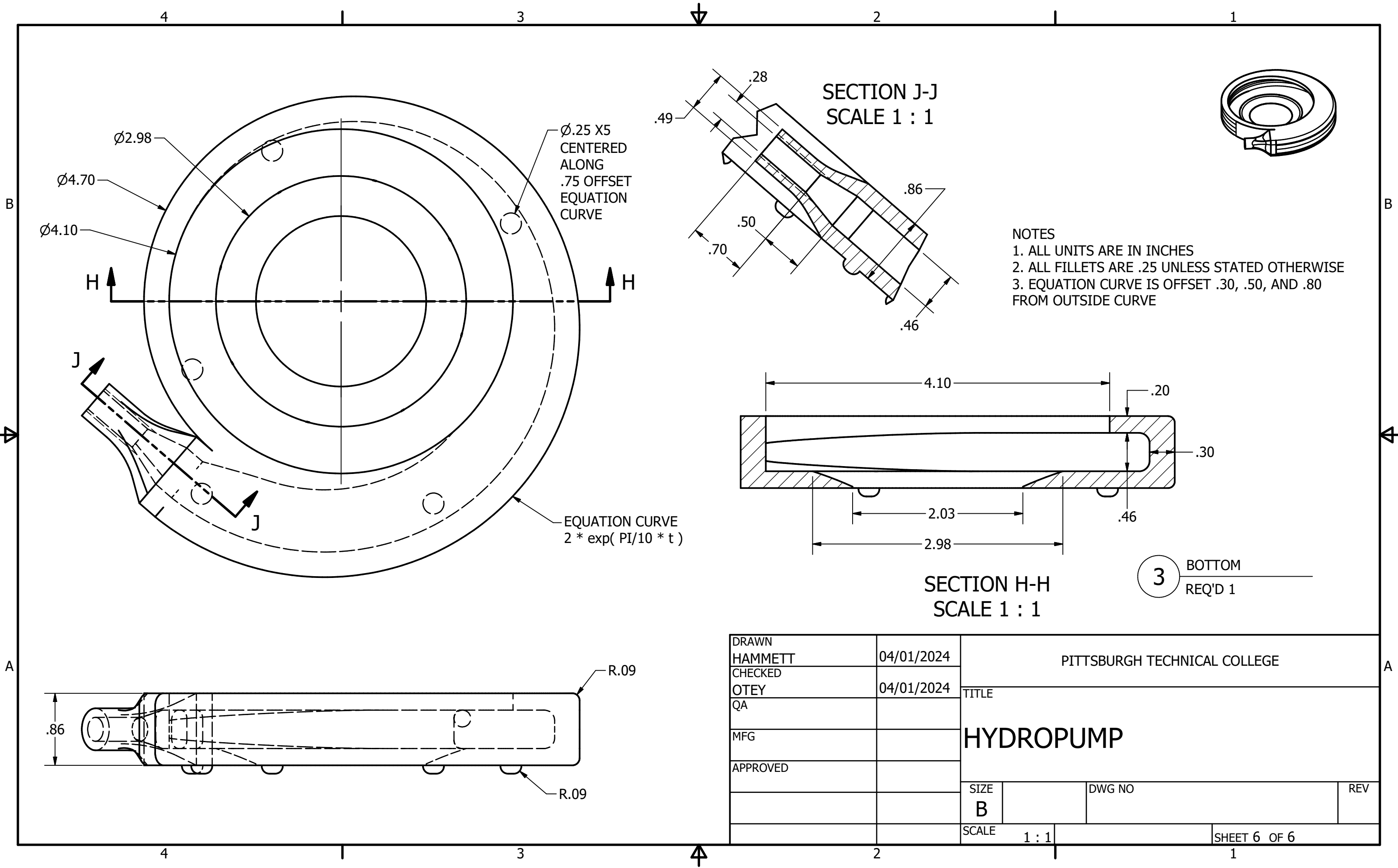
DRAWN HAMMETT	04/01/2024	PITTSBURGH TECHNICAL COLLEGE		
CHECKED OTEY	04/01/2024	TITLE		
QA		HYDROPUMP		
MFG		SIZE B	DWG NO	REV
APPROVED		SCALE 1 : 1	SHEET 4 OF 6	



NOTES
 1. ALL UNITS ARE IN INCHES
 2. PROPELLER PROFILE IS OFFSET .30 FROM PUMP BOTTOM PROFILE

2 IMPELLER
 REQ'D 1

DRAWN HAMMETT	04/01/2024	PITTSBURGH TECHNICAL COLLEGE		
CHECKED OTEY	04/01/2024	TITLE		
QA		HYDROPUMP		
MFG				
APPROVED		SIZE B	DWG NO	REV
		SCALE 1 : 1	SHEET 5 OF 6	



SECTION J-J
SCALE 1 : 1

- NOTES
 1. ALL UNITS ARE IN INCHES
 2. ALL FILLETS ARE $.25$ UNLESS STATED OTHERWISE
 3. EQUATION CURVE IS OFFSET $.30$, $.50$, AND $.80$ FROM OUTSIDE CURVE

SECTION H-H
SCALE 1 : 1

3 BOTTOM
REQ'D 1

DRAWN HAMMETT	04/01/2024	PITTSBURGH TECHNICAL COLLEGE		
CHECKED OTEY	04/01/2024	TITLE		
QA		HYDROPUMP		
MFG		SIZE B	DWG NO	REV
APPROVED		SCALE 1 : 1	SHEET 6 OF 6	