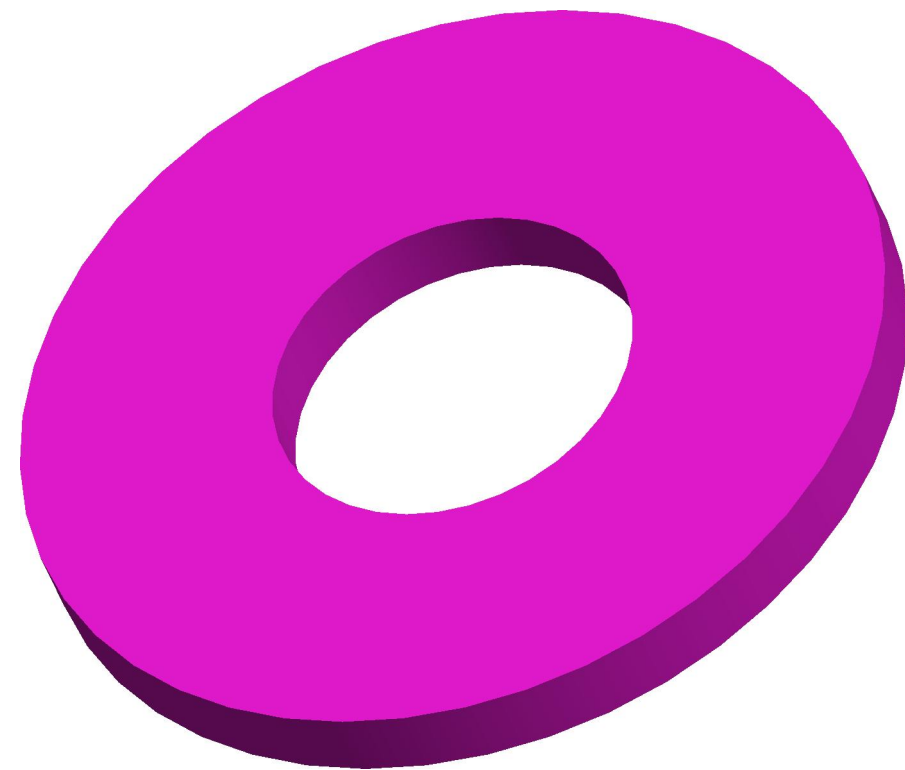
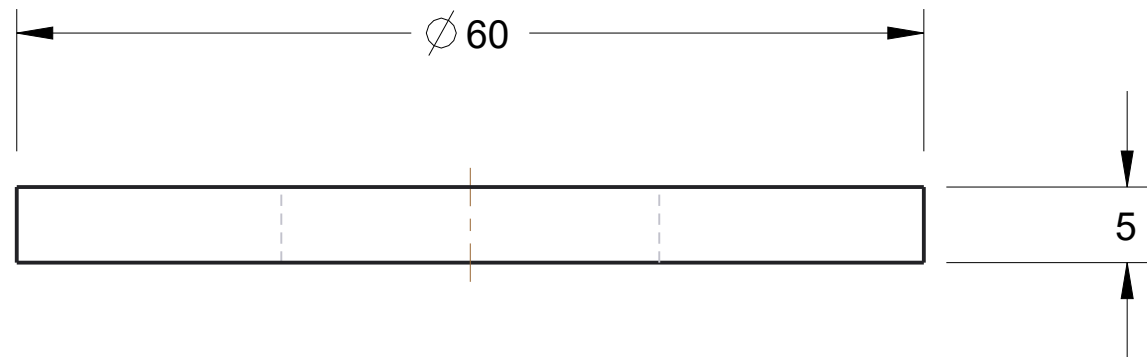
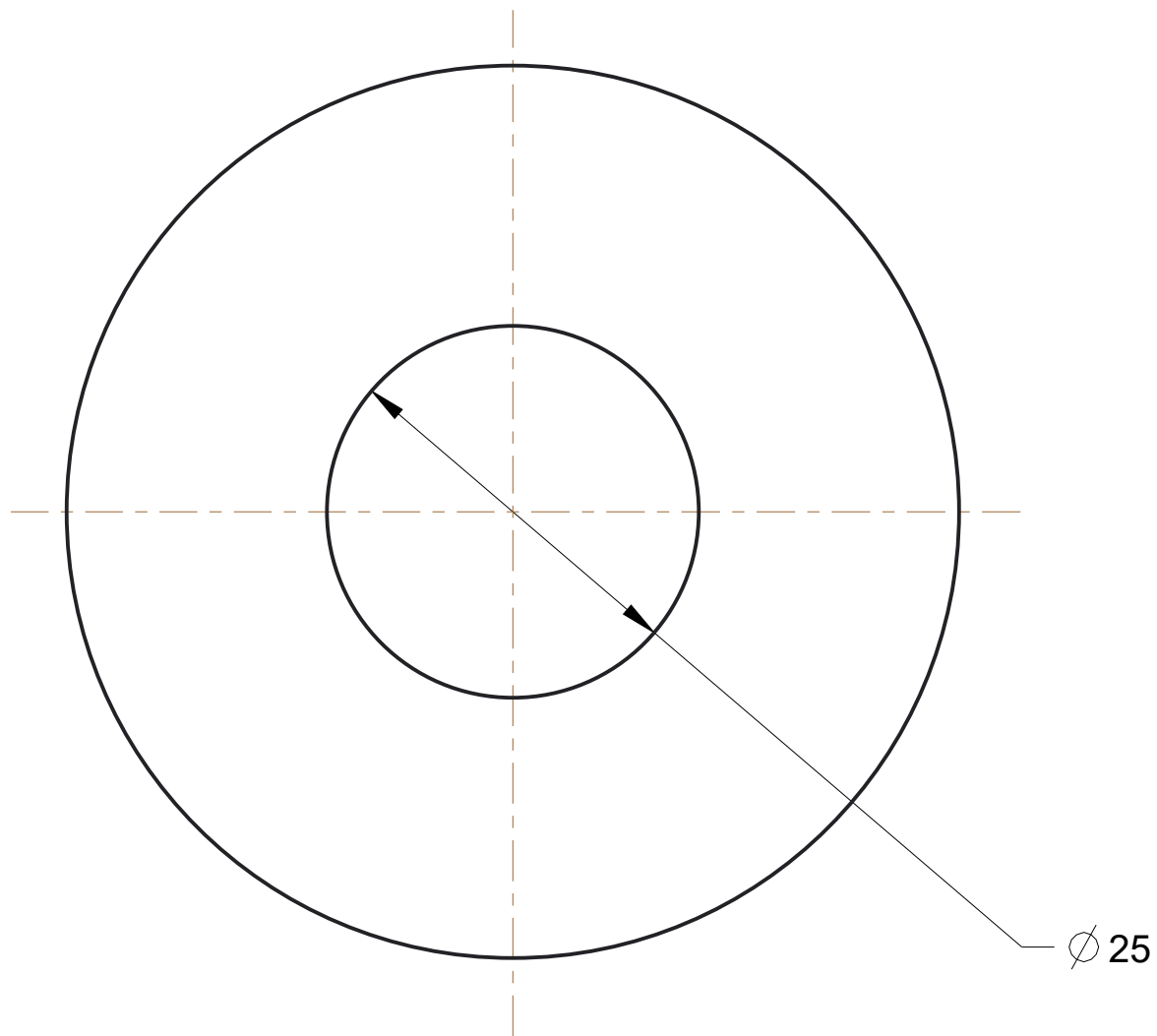


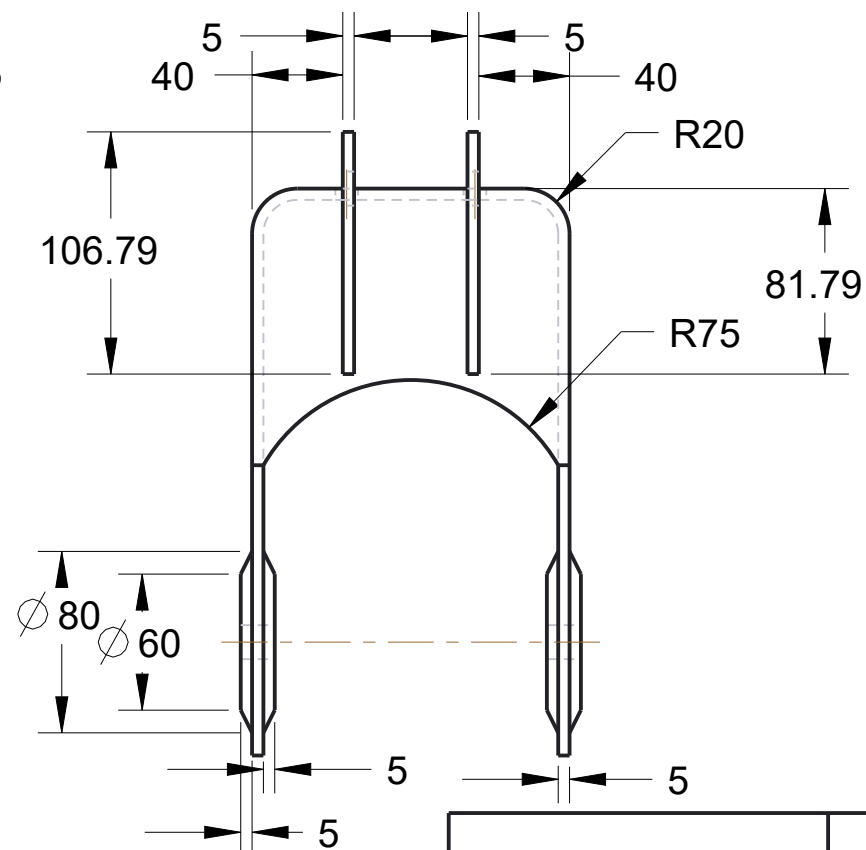
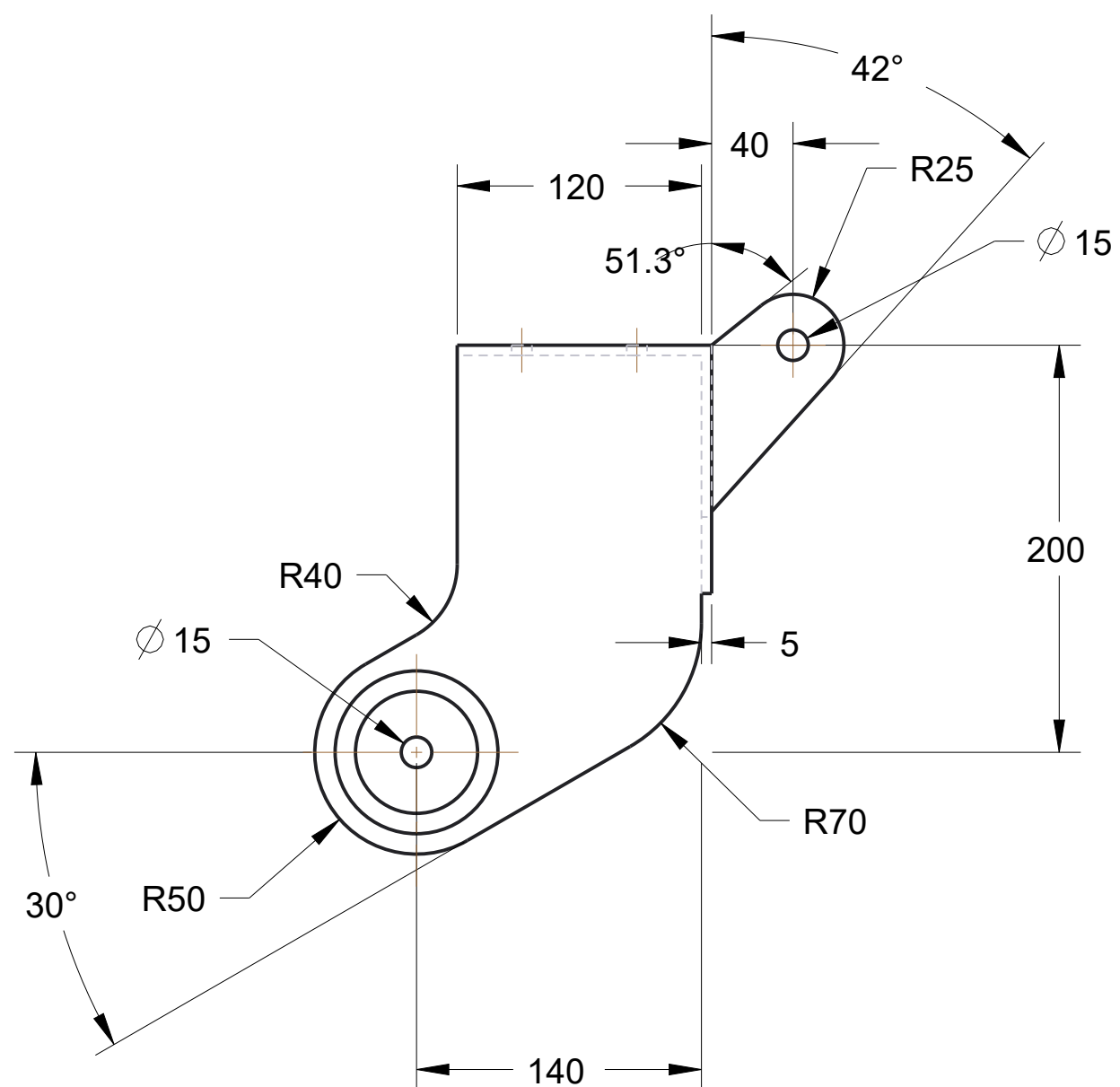
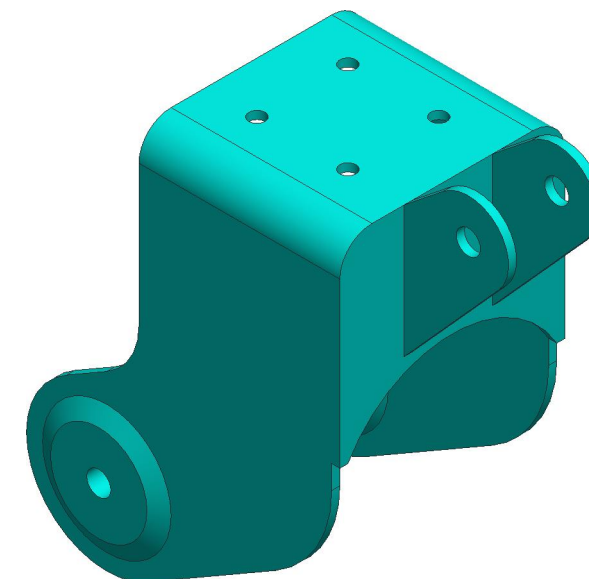
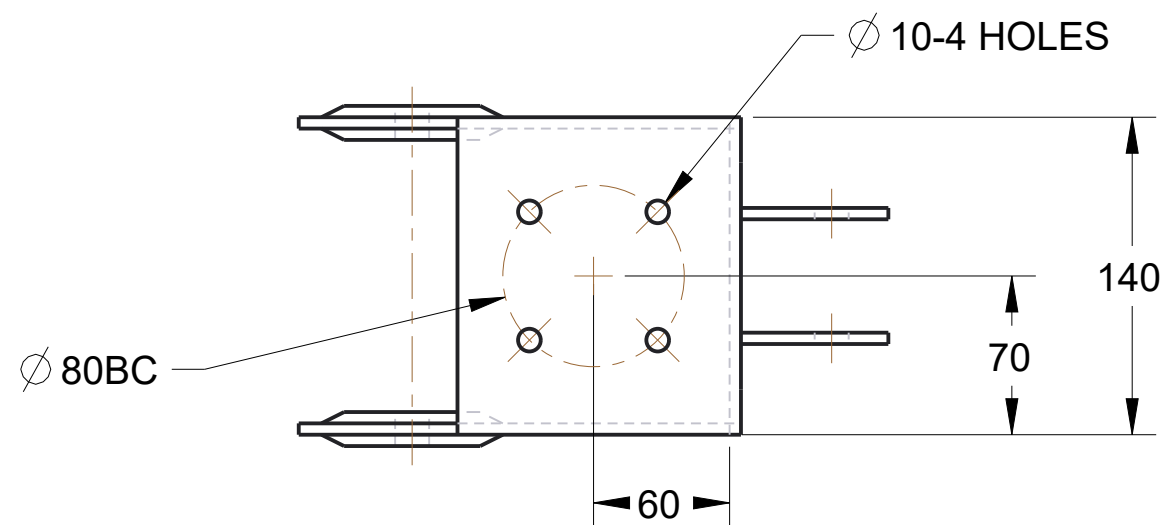
SCALE 0.200

| FRONT WHEEL BOM | | | |
|-----------------|---------------------|----------------|-----|
| INDEX | COMPONENT NAME | COMPONENT TYPE | QTY |
| 1 | FRONT_AXLE | PART | 1 |
| 2 | FRONT_PILLAR | PART | 1 |
| 3 | FRONT_SPR_PLATE | PART | 1 |
| 4 | FRONT_SPRING | PART | 1 |
| 5 | FRONT_WHEEL | PART | 1 |
| 6 | FRONT_WHEEL_BRACKET | PART | 1 |
| 7 | H2O <HEX_BOLT> | PART | 4 |

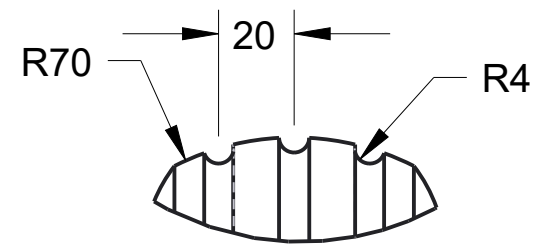
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| ME-635 COMPUTER AIDED DESIGN | | NEW JERSEY INSTITUTE OF TECHNOLOGY | | |
| | | PART NAME FRONT WHEEL ASSEMBLY | | |
| DRWN BY: QINGYANG LIU | SIZE B | FSCM NO. | DRAWING NO. | REV |
| APP BY: | SCALE: 0.200 | DATE: | SHEET: 1 OF 8 | |



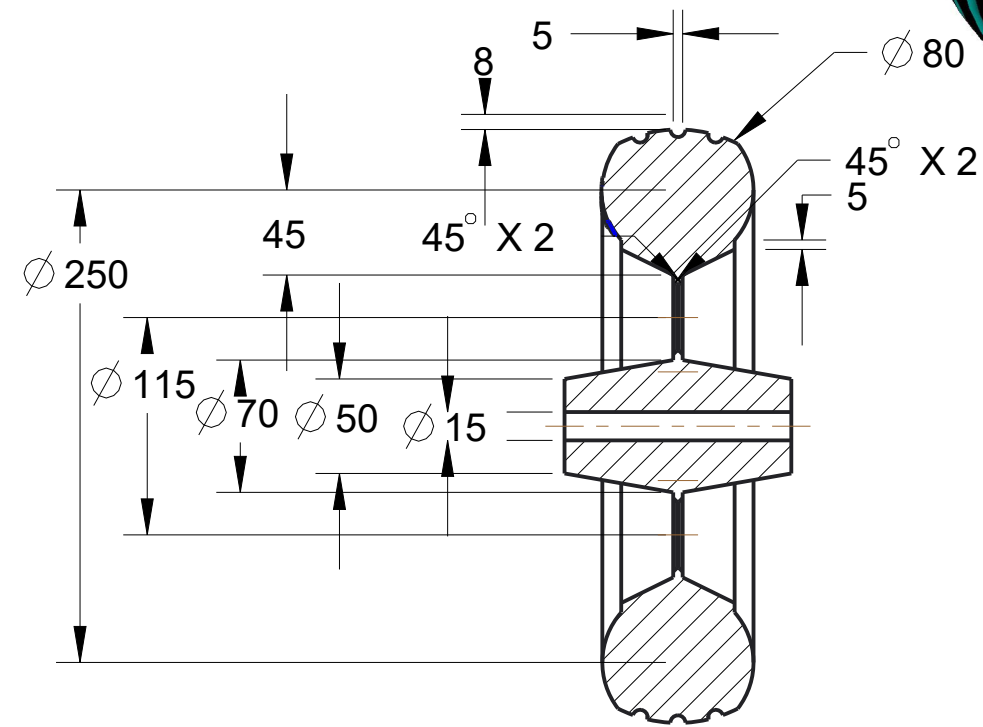
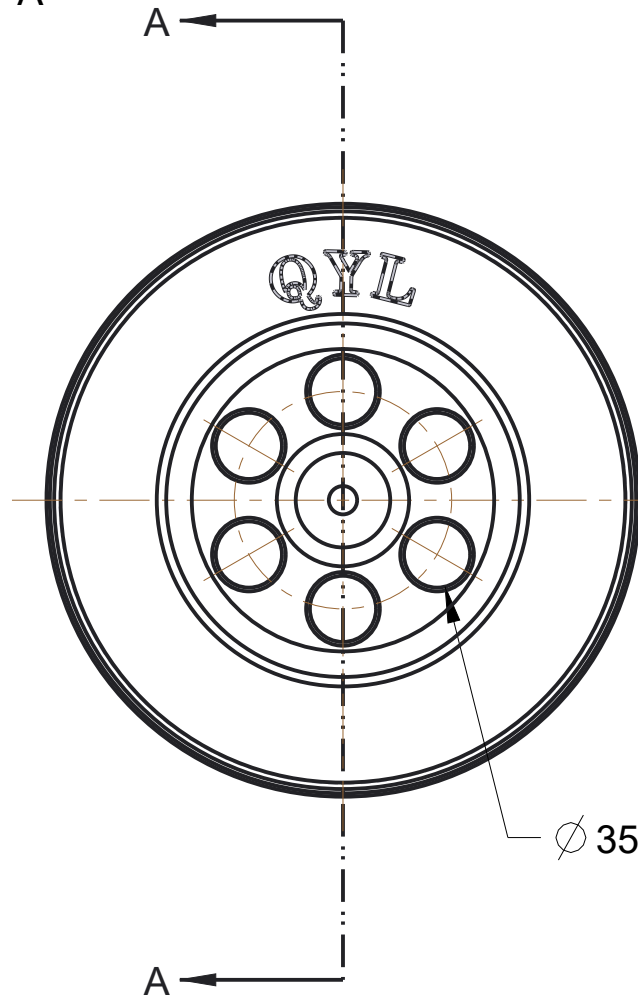
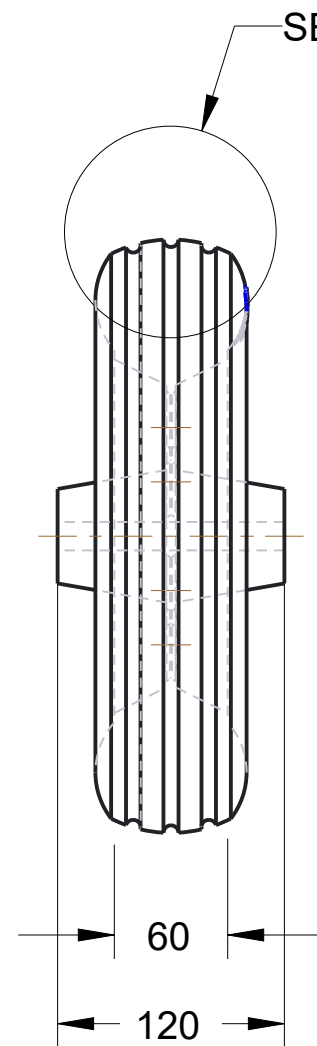
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| ME-635 COMPUTER AIDED DESIGN | | NEW JERSEY INSTITUTE OF TECHNOLOGY | | |
| | | PART NAME FRONT SPACER PLATE | | |
| DRWN BY: QINGYANG LIU | | SIZE B | FSCM NO. | DRAWING NO. |
| APP BY: | | SCALE: 2.00 | DATE: | SHEET: 2 OF 8 |



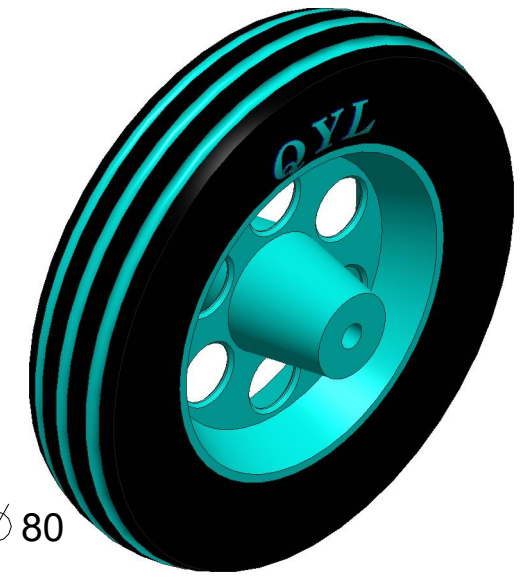
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| ME-635 COMPUTER AIDED DESIGN | | NEW JERSEY INSTITUTE OF TECHNOLOGY | | |
| | | PART NAME | | |
| | | FRONT WHEEL BRACKET | | |
| DRWN BY: QINGYANG LIU | SIZE B | FSCM NO. | DRAWING NO. | REV |
| APP BY: | SCALE: 0.3 | DATE: | SHEET: 3 OF 8 | |



DETAIL A
SCALE 0.500



SECTION A-A



ME-635 COMPUTER
AIDED DESIGN

NEW JERSEY INSTITUTE OF TECHNOLOGY

PART NAME

FRONT WHEEL

DRWN BY: QINGYANG LIU

SIZE
B

FSCM NO.

DRAWING NO.

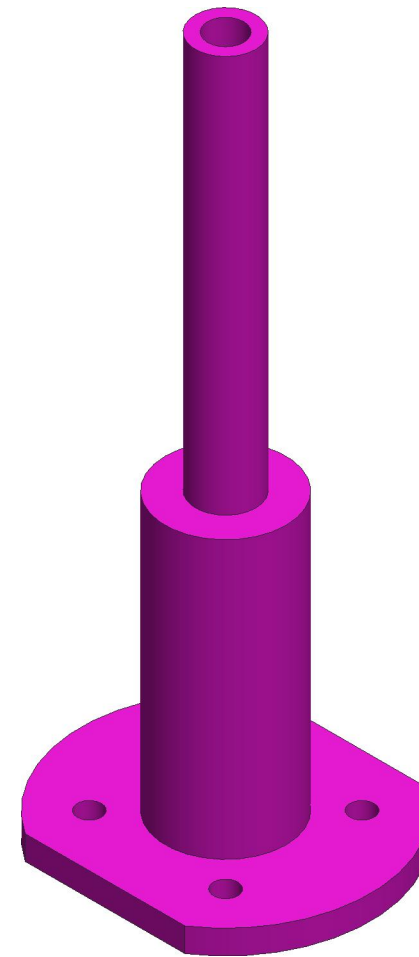
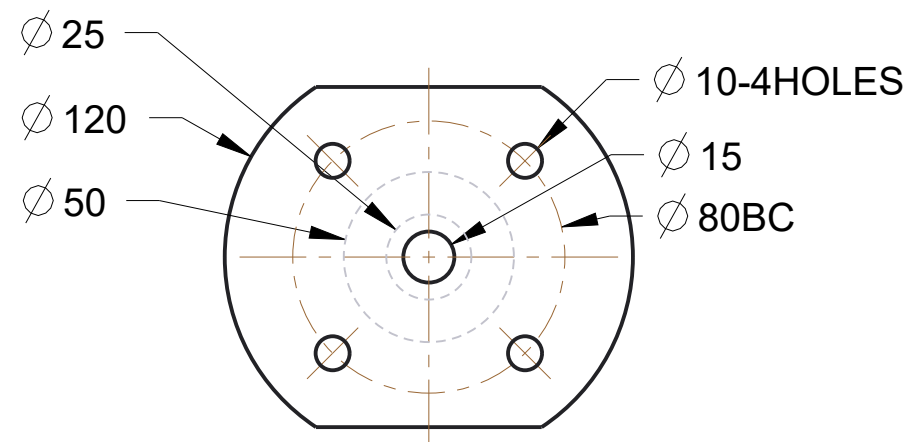
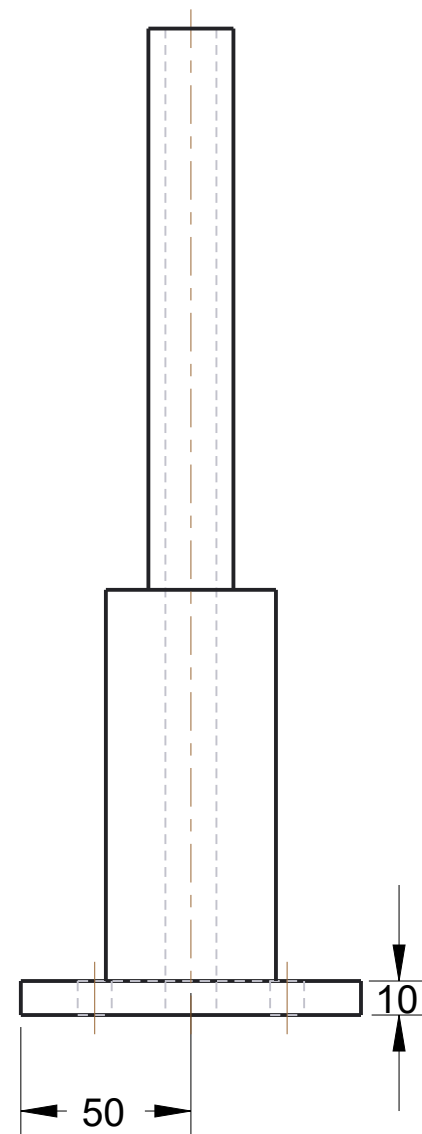
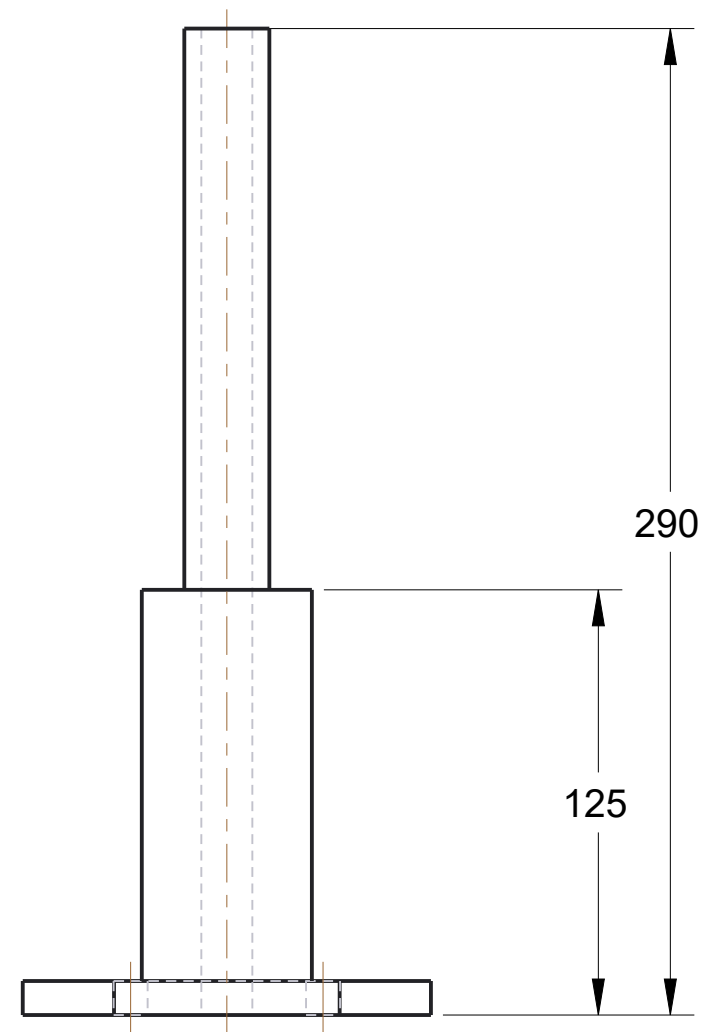
REV

APP BY:

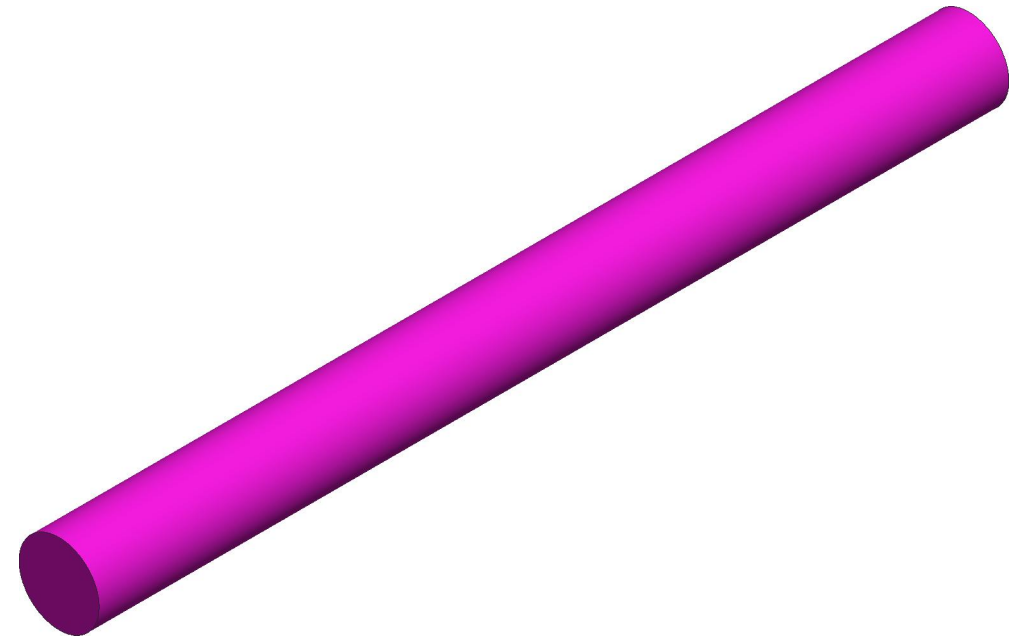
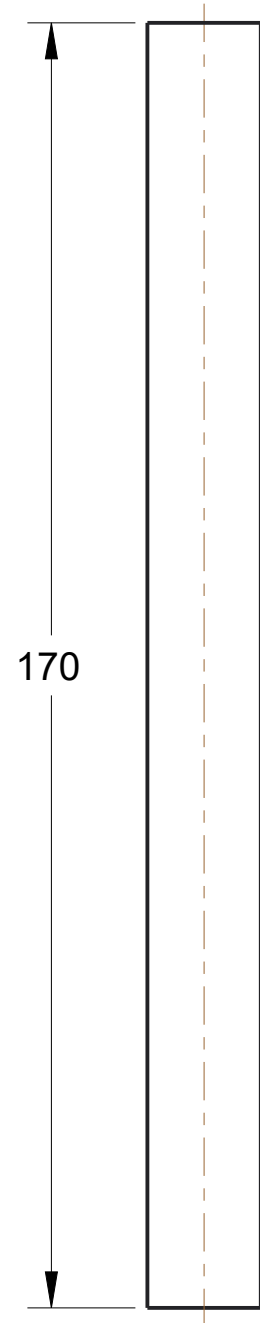
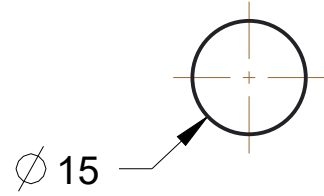
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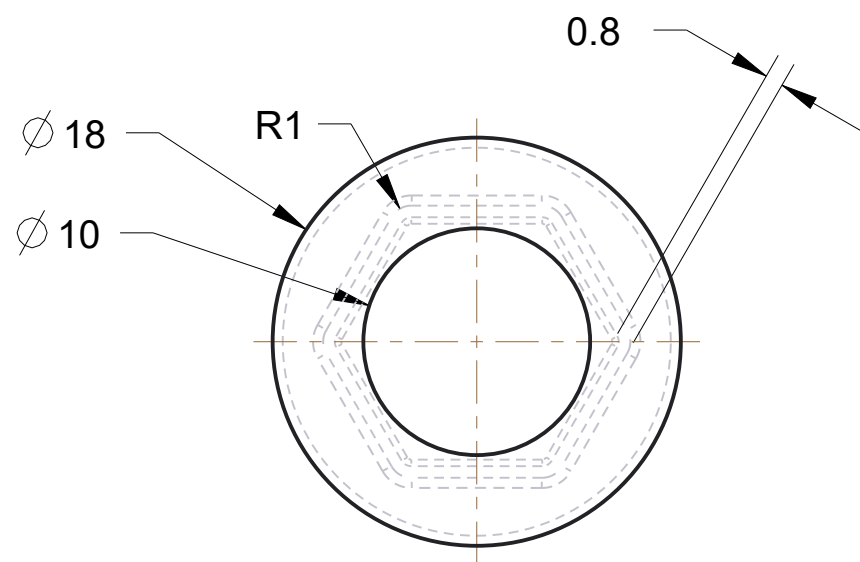
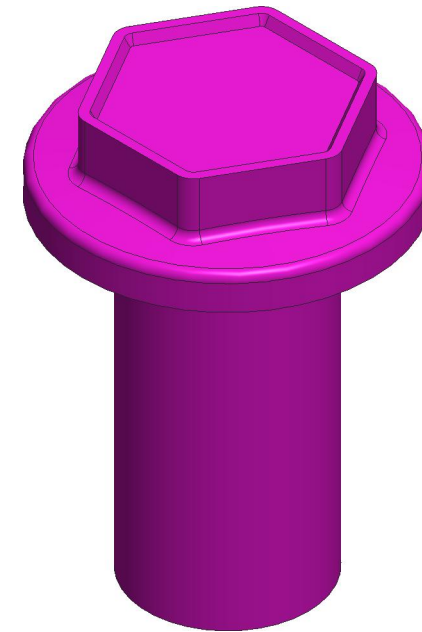
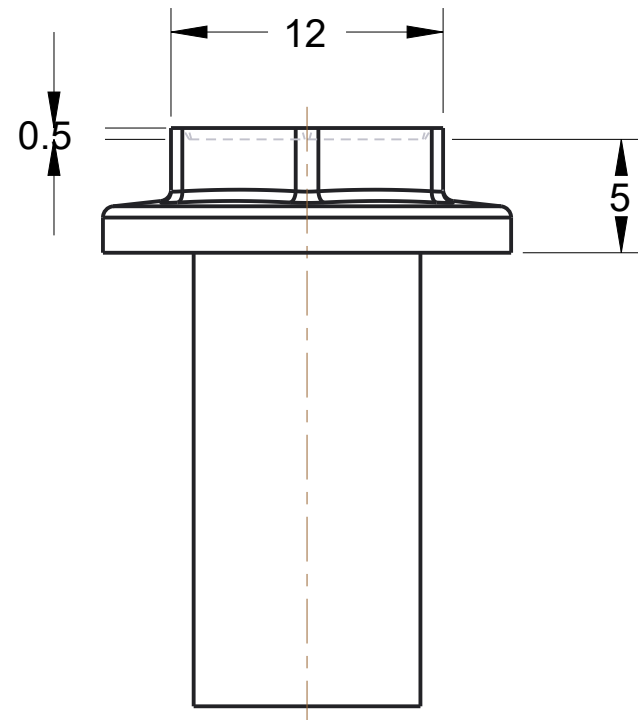
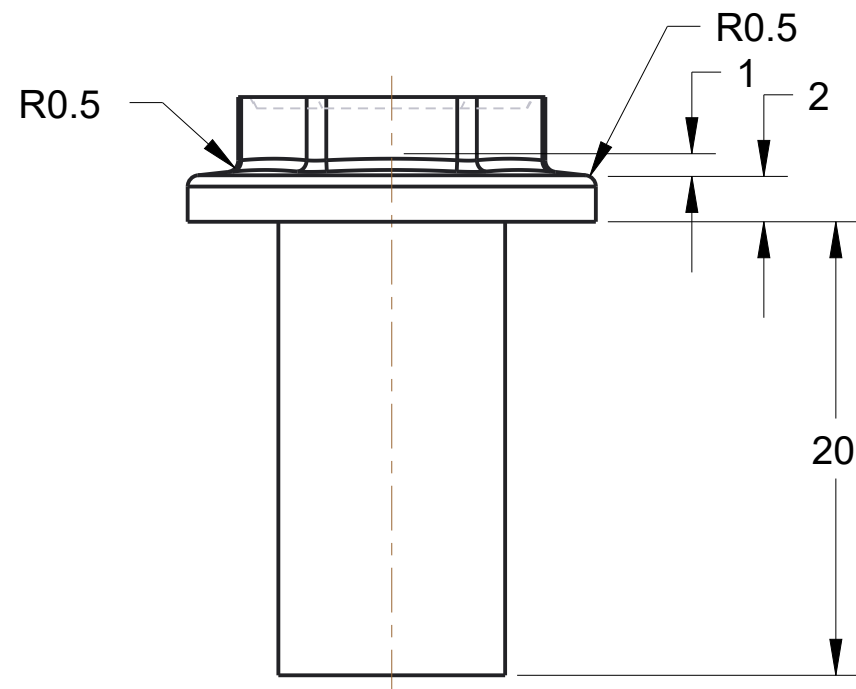
SHEET: 4 OF 8



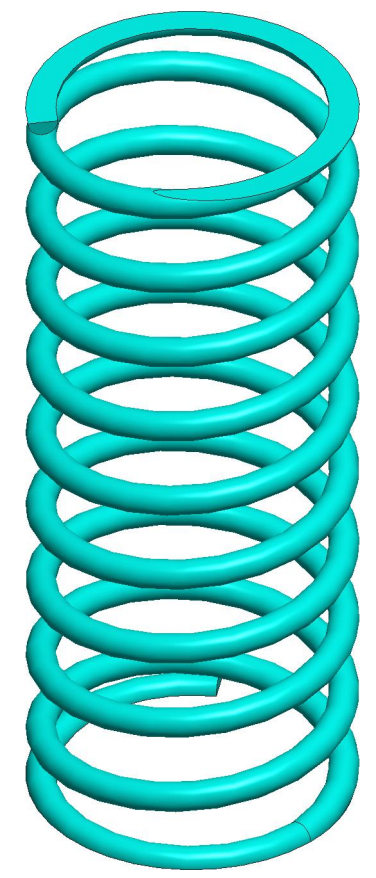
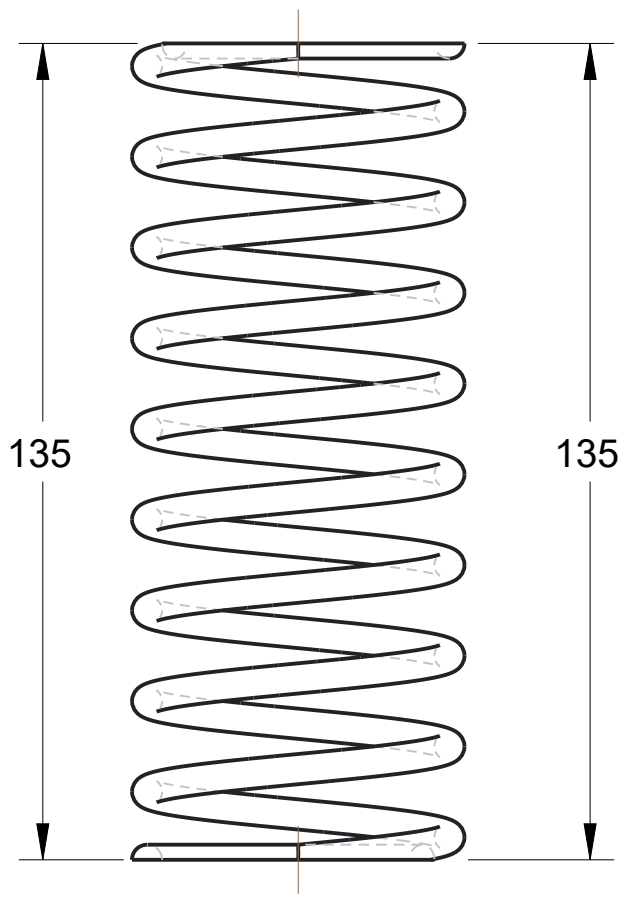
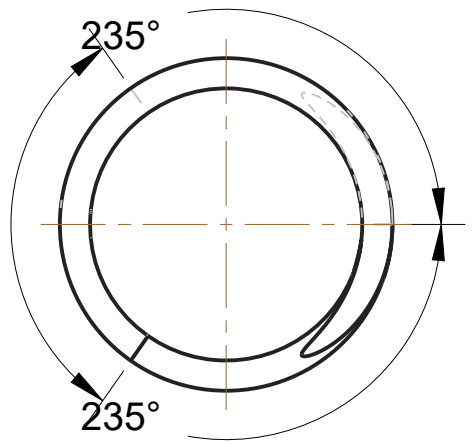
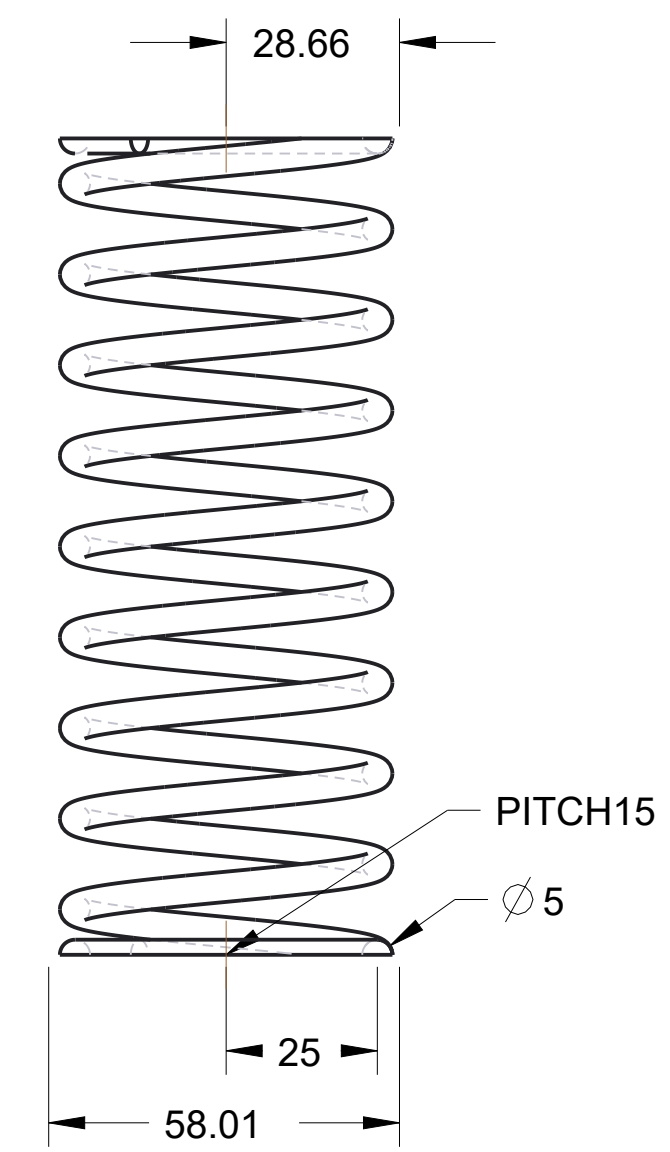
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|---------------------------------|------------------------------------|----------|---------------|-----|
| ME-635 COMPUTER AIDED DESIGN | NEW JERSEY INSTITUTE OF TECHNOLOGY | | | |
| | PART NAME FRONT_PILLAR | | | |
| DRWN BY: QINGYANG LIU | SIZE B | FSCM NO. | DRAWING NO. | REV |
| APP BY: | SCALE: 0.45 | DATE: | SHEET: 5 OF 8 | |



| | | | | |
|---------------------------------|------------------------------------|----------|---------------|-----|
| ME-635 COMPUTER AIDED DESIGN | NEW JERSEY INSTITUTE OF TECHNOLOGY | | | |
| | PART NAME FRONT_AXLE | | | |
| DRWN BY: QINGYANG LIU | SIZE B | FSCM NO. | DRAWING NO. | REV |
| APP BY: | SCALE: 1.0 | DATE: | SHEET: 6 OF 8 | |



| | | | | |
|---------------------------------|------------------------------------|----------|---------------|-----|
| ME-635 COMPUTER AIDED DESIGN | NEW JERSEY INSTITUTE OF TECHNOLOGY | | | |
| | PART NAME H2O<HEX_BOLT> | | | |
| DRWN BY: QINGYANG LIU | SIZE B | FSCM NO. | DRAWING NO. | REV |
| APP BY: | SCALE: 3.0 | DATE: | SHEET: 7 OF 8 | |



| | | | | |
|------------------------------|------------------------------------|----------|---------------|-----|
| ME-635 COMPUTER AIDED DESIGN | NEW JERSEY INSTITUTE OF TECHNOLOGY | | | |
| | PART NAME FRONT_SPRING | | | |
| DRWN BY: QINGYANG LIU | SIZE B | FSCM NO. | DRAWING NO. | REV |
| APP BY: | SCALE: 0.8 | DATE: | SHEET: 8 OF 8 | |