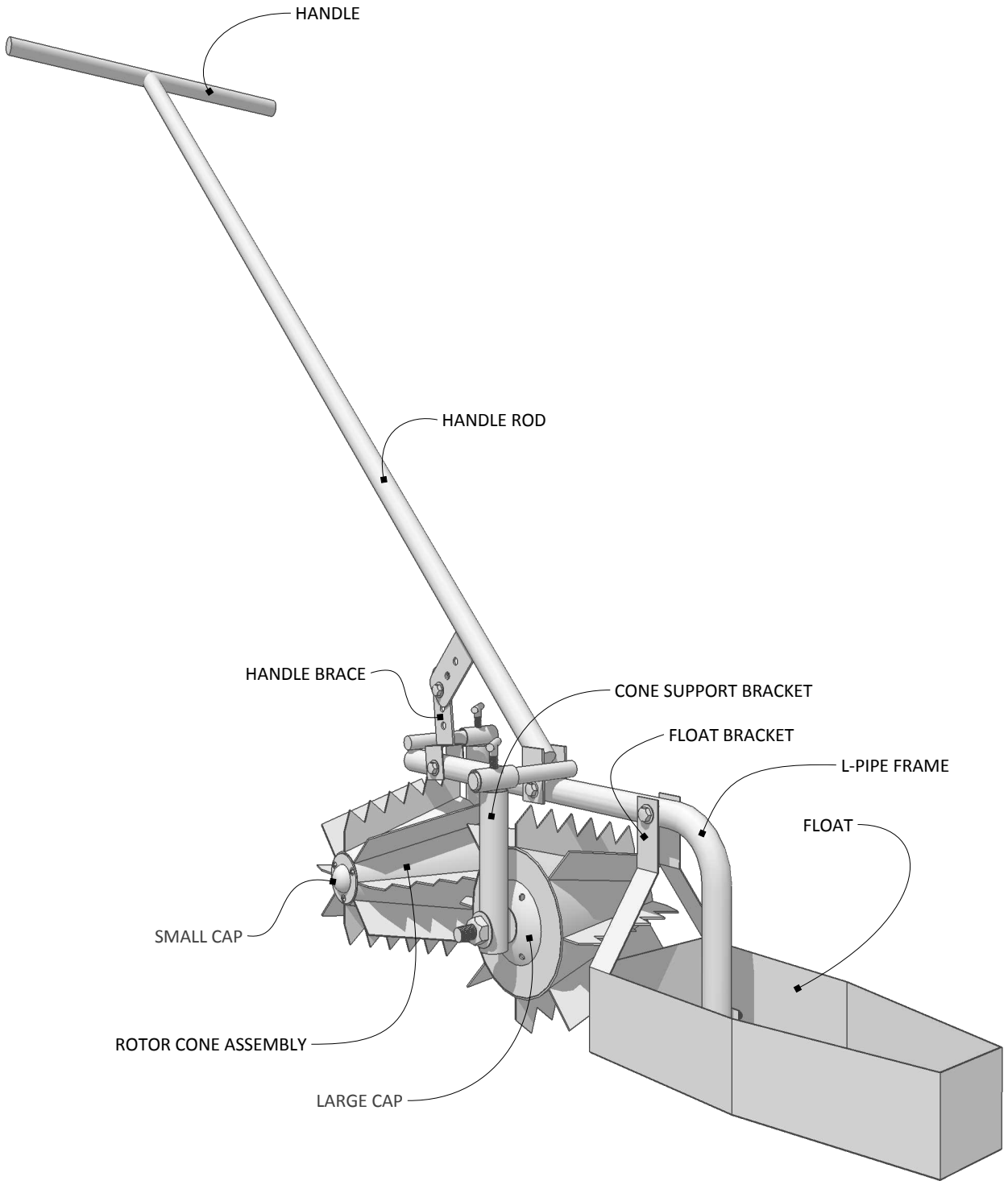

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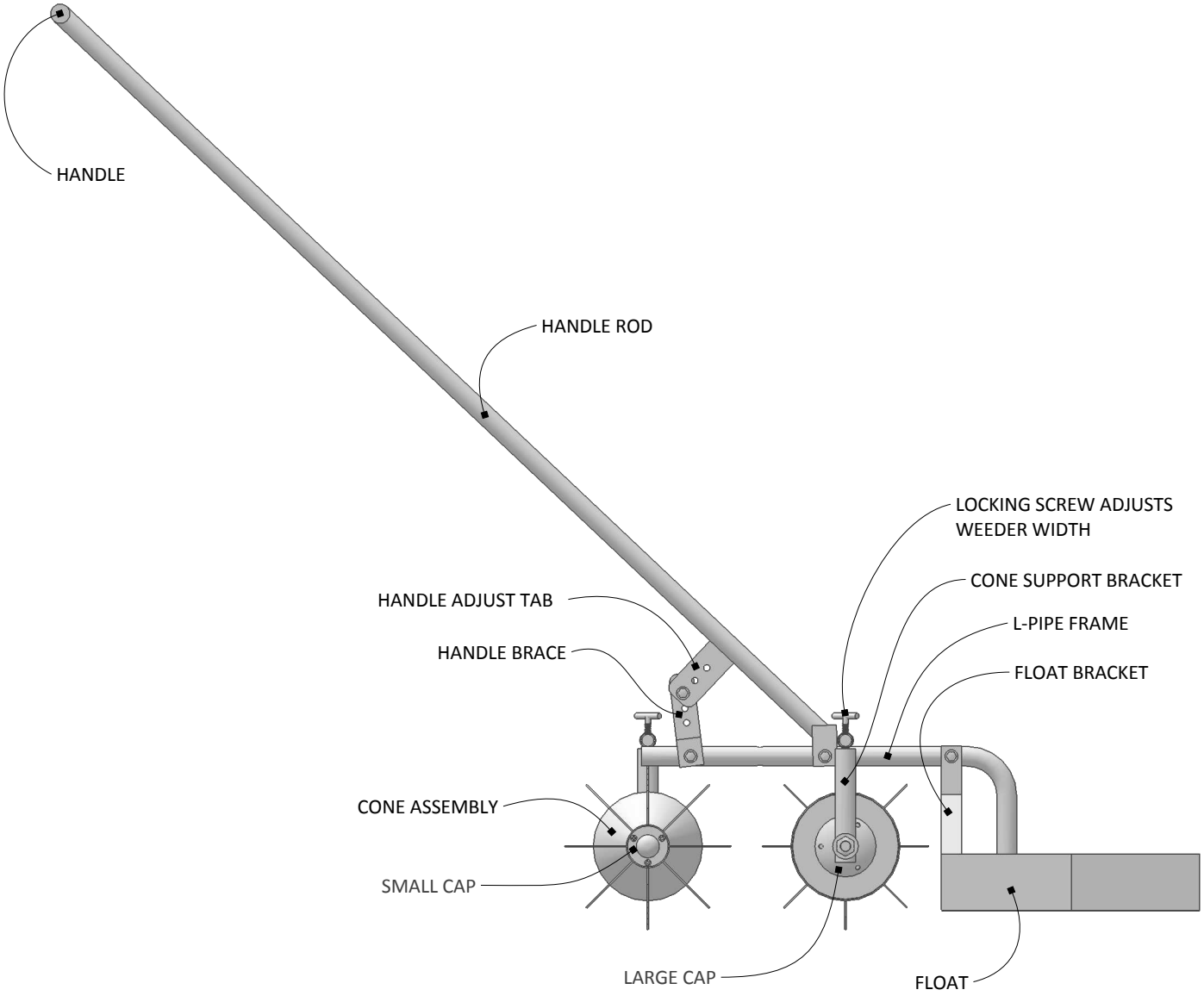
PROJECT: CONO WEEDER

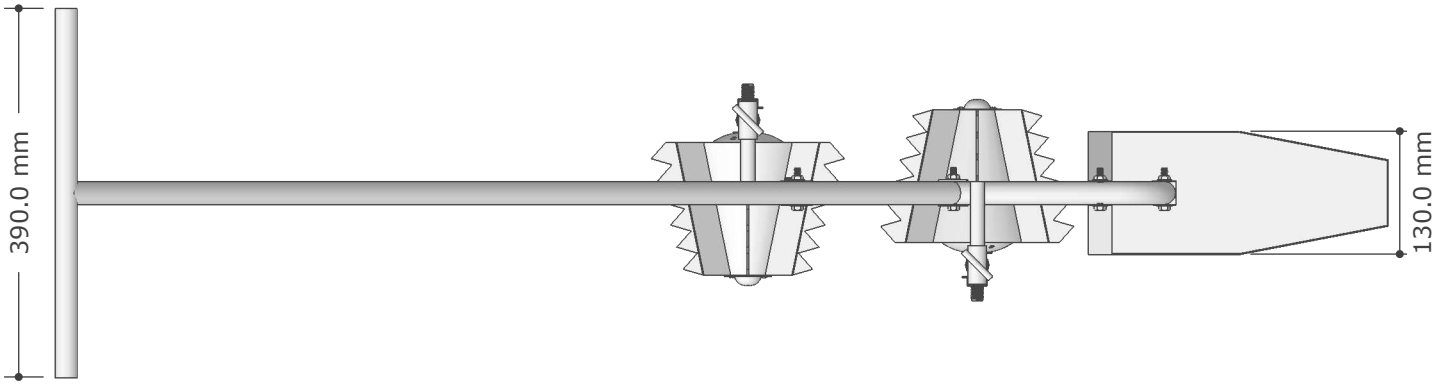
Improved design developed at IRRI in Philippines with technical support from the regional CIAE (2016)

ISSUE: **April 01, 2020**

SHEET: **PERSPECTIVE**



E1 **SIDE VIEW**
SCALE: 1:8



P1 **TOP VIEW**
SCALE: 1:8

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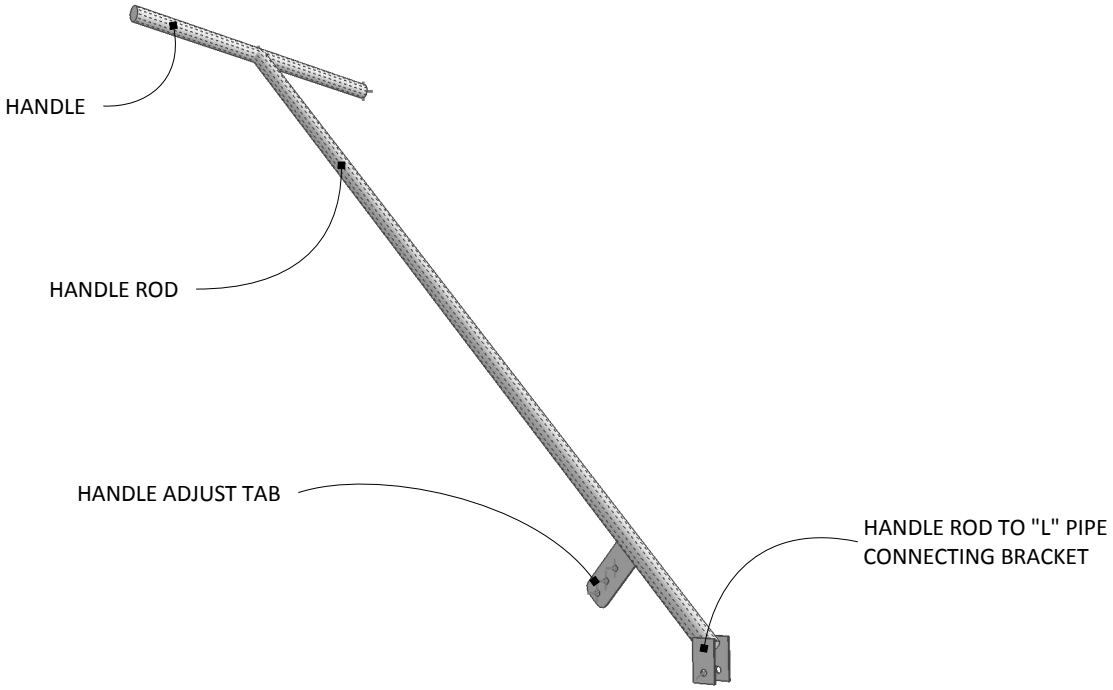
PROJECT:

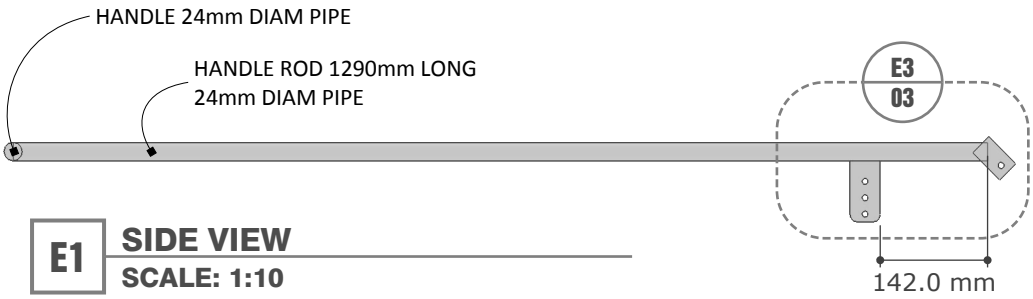
CONO WEEDER

ISSUE: **April 01, 2020**

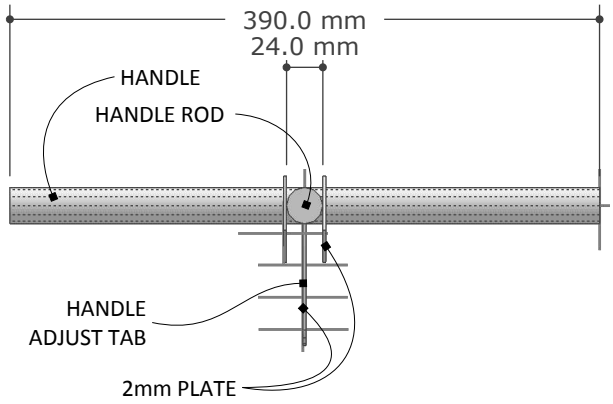
SHEET: **SIDE & TOP VIEWS**



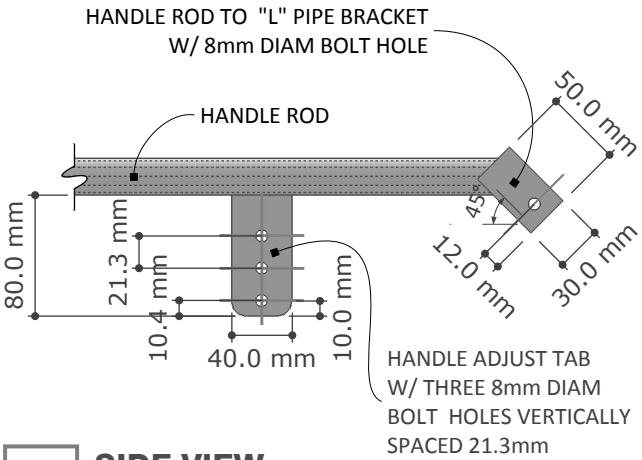
3D1 **PERSPECTIVE**
SCALE: NTS



E1 **SIDE VIEW**
SCALE: 1:10



E4 **FRONT VIEW**
SCALE: 1:5



E3 **SIDE VIEW**
SCALE: 1:5

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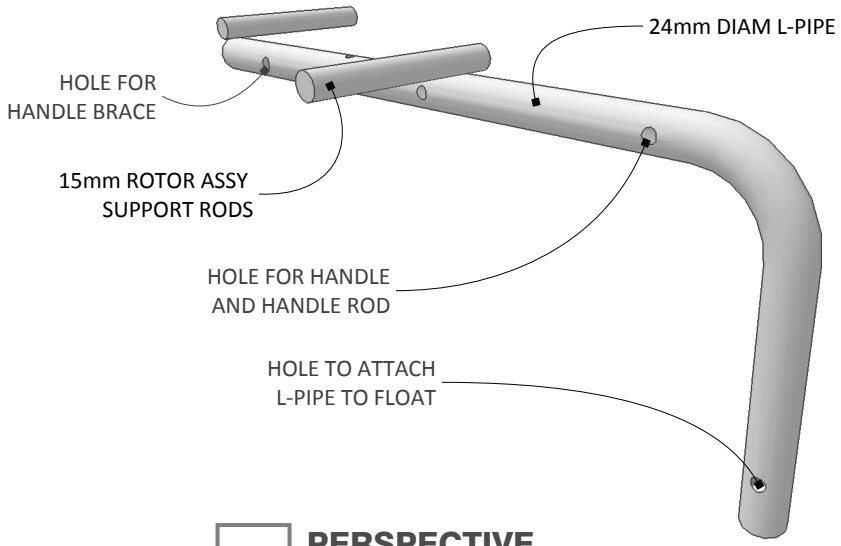
PROJECT:

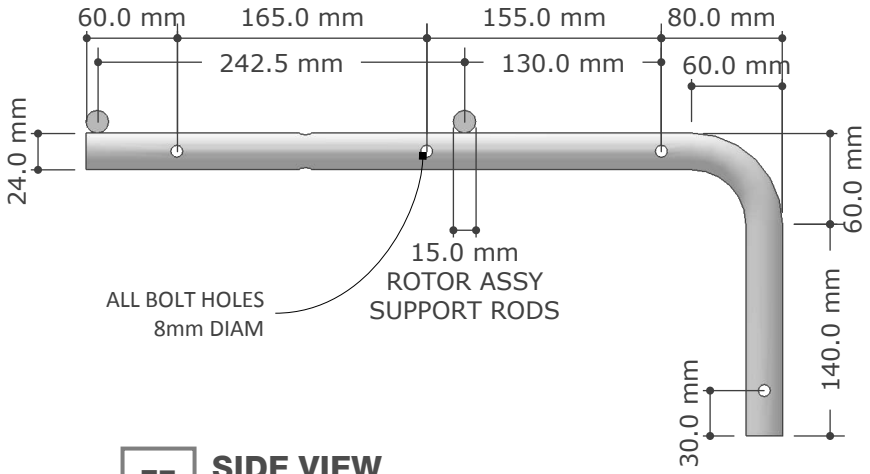
CONO WEEDER

ISSUE: **April 01, 2020**

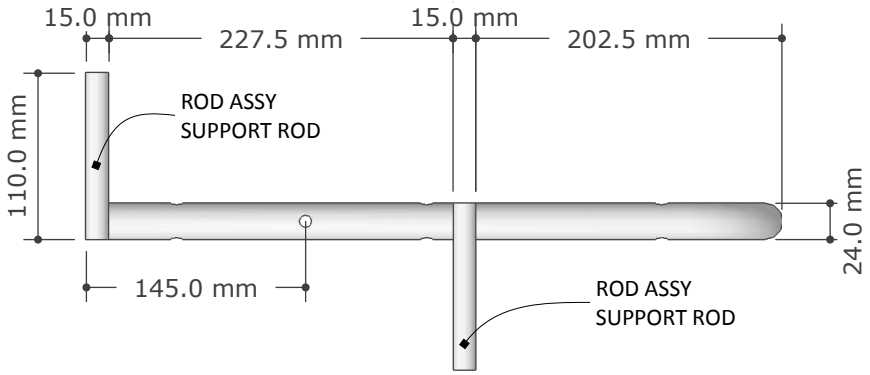
SHEET: **HANDLE & HANDLE ROD**



3D2 **PERSPECTIVE**
SCALE: NTS



E5 **SIDE VIEW**
SCALE: 1:5



P1 **TOP VIEW**
SCALE: 1:5

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PROJECT:

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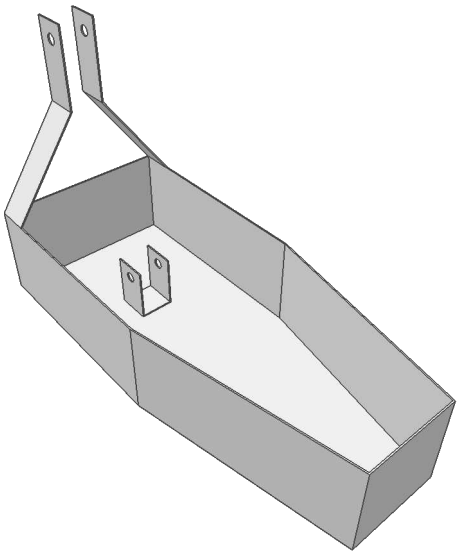
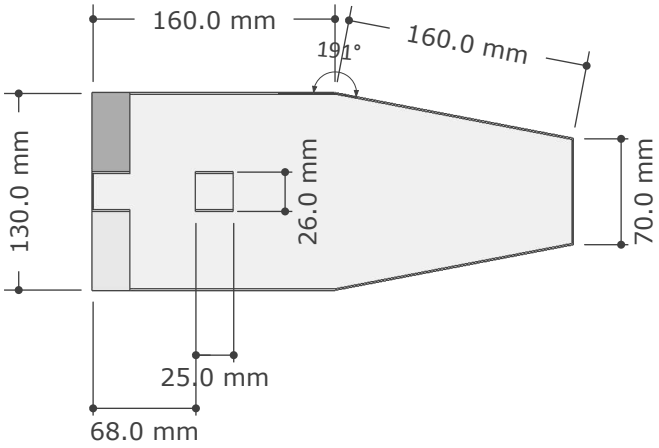
ISSUE: **April 01, 2020**

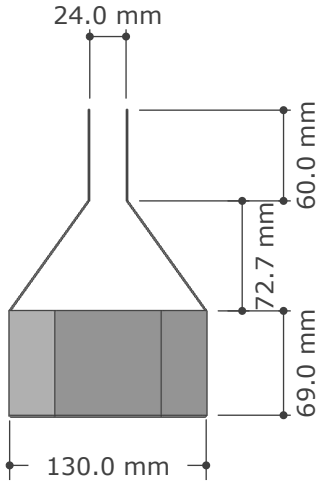
SHEET: **L-PIPE FRAME**



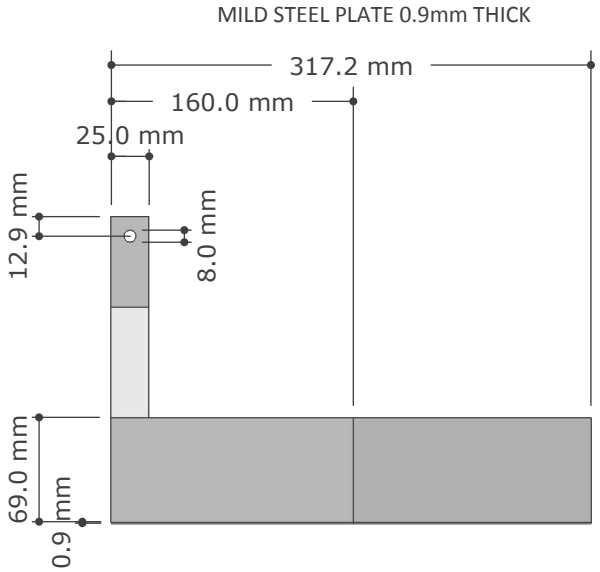
3D3 **PERSPECTIVE**
SCALE: NTS



P2 **PLAN VIEW**
SCALE: 1:5



E6 **FRONT VIEW**
SCALE: 1:5



E7 **SIDE VIEW**
SCALE: 1:5

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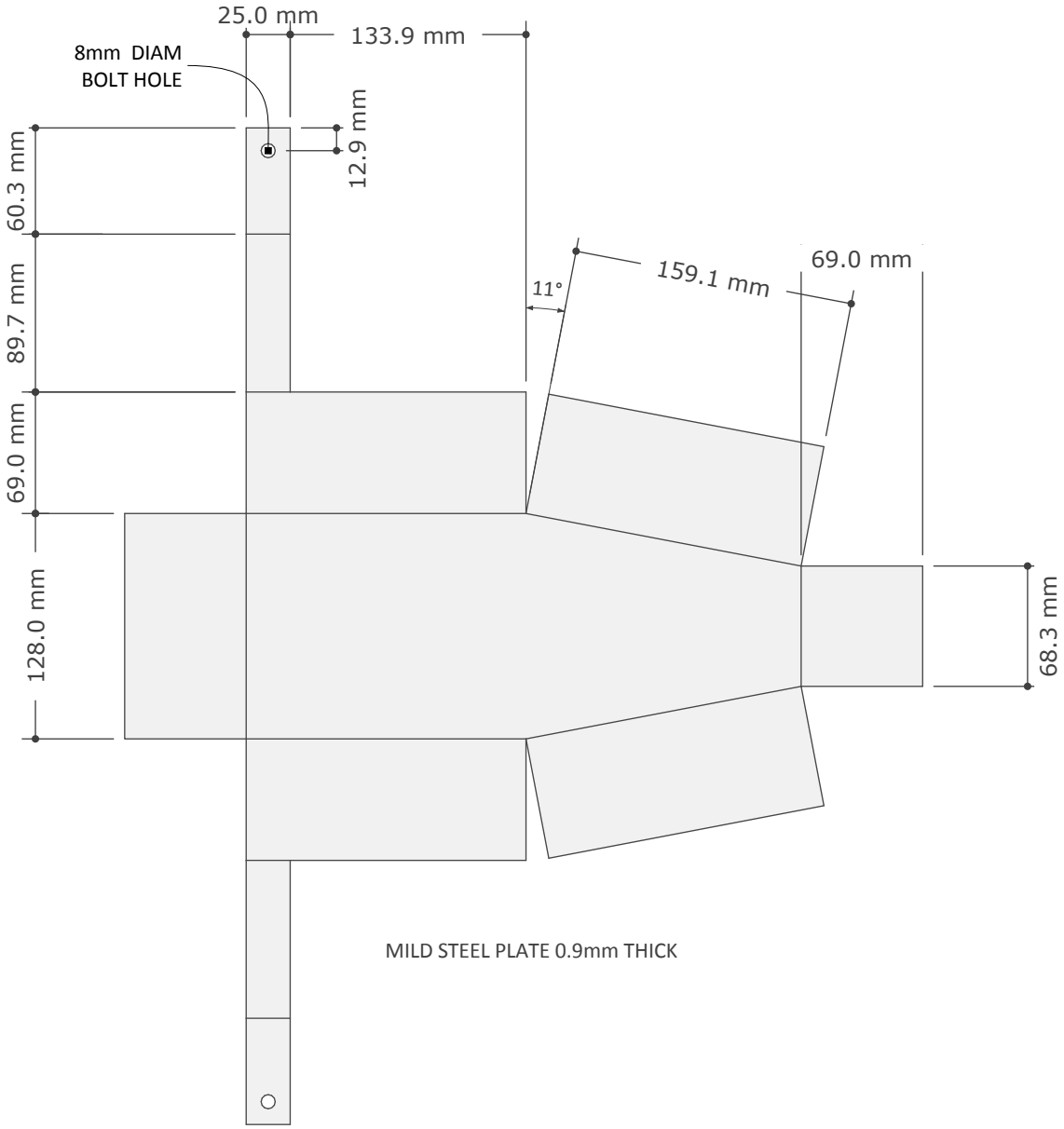
SHEET: **FLOAT PLANS & ELEVATIONS**



P3 **FLOAT UNFOLDED PLAN VIEW**
SCALE: 1:4

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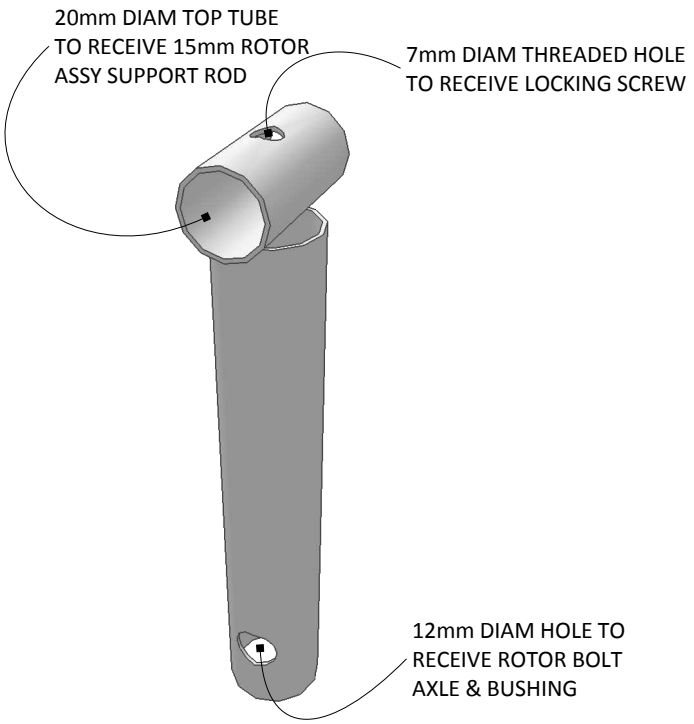
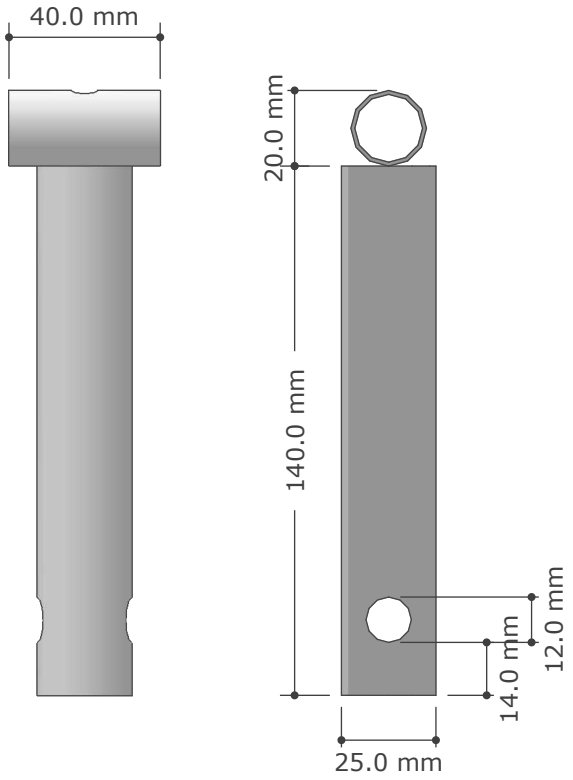
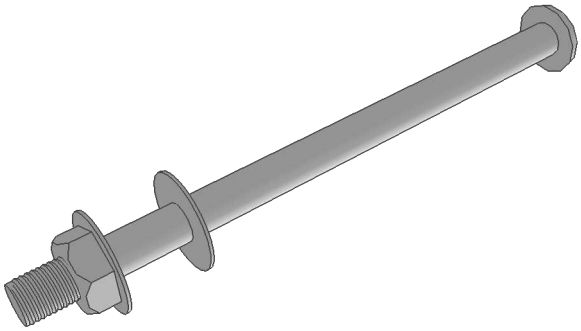
SHEET: **FLOAT UNFOLDED PLAN**



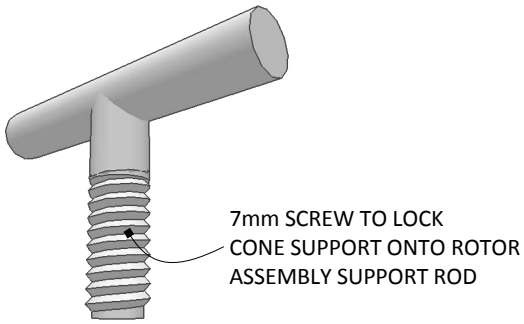
3D4 CONE SUPPORT PERSPECTIVE
SCALE: NTS



E8 CONE SUPPORT FRONT & SIDE
SCALE: 1:2



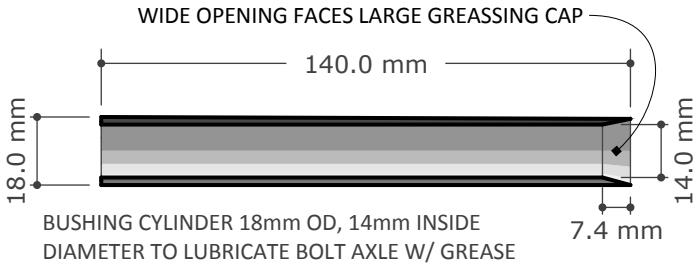
3D5 BOLT AXLE PERSPECTIVE
SCALE: NTS



3D6 T-HANDLE LOCKING SCREW
SCALE: NTS

12mm DIAM BOLT W/ROUND HEAD, NUT AND WASHERS TO FIT.

E9 BOLT AXLE ELEVATION
SCALE: 1:4



BUSHING CYLINDER 18mm OD, 14mm INSIDE DIAMETER TO LUBRICATE BOLT AXLE W/ GREASE

S1 GREASE BUSHING SECTION
SCALE: 1:2

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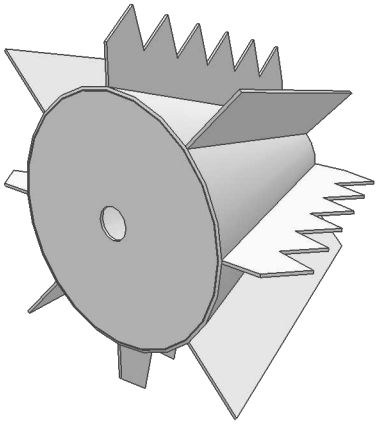
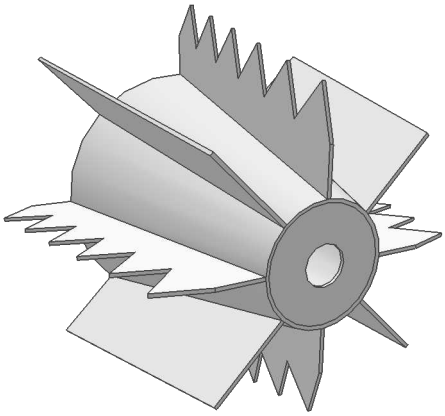
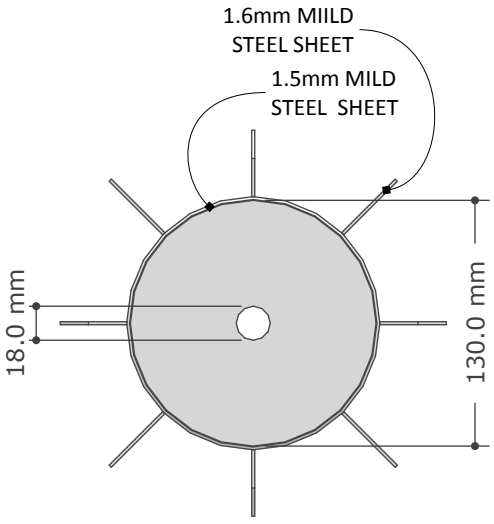
SHEET: **CONE SUPPORT ; BOLT AXLE; BUSHING & LOCKING SCREW**



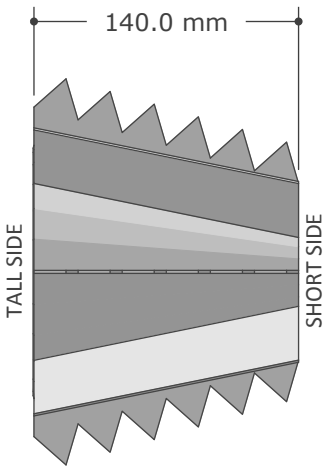
3D8 **CONE LARGE SIDE VIEW**
SCALE: NTS



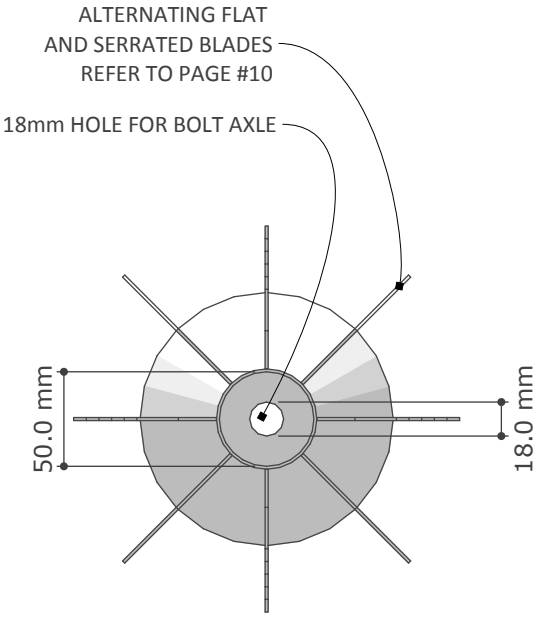
3D9 **CONE SHORT SIDE VIEW**
SCALE: NTS



E10 **CONE TALL**
SCALE: 1:4



E11 **CONE SIDE**
SCALE: 1:4



E12 **CONE SHORT**
SCALE: 1:4

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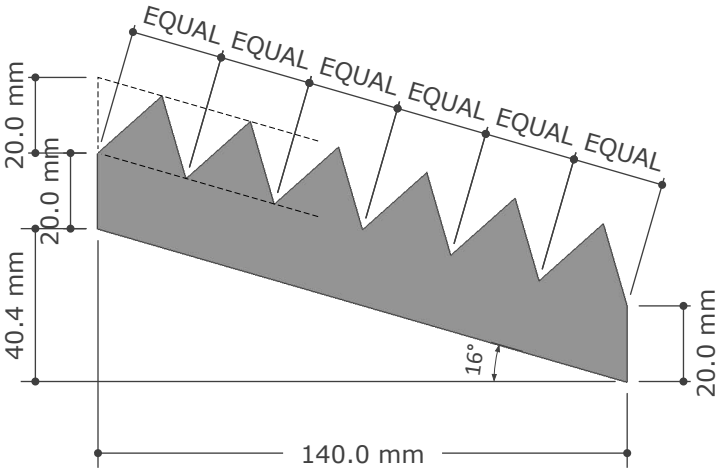
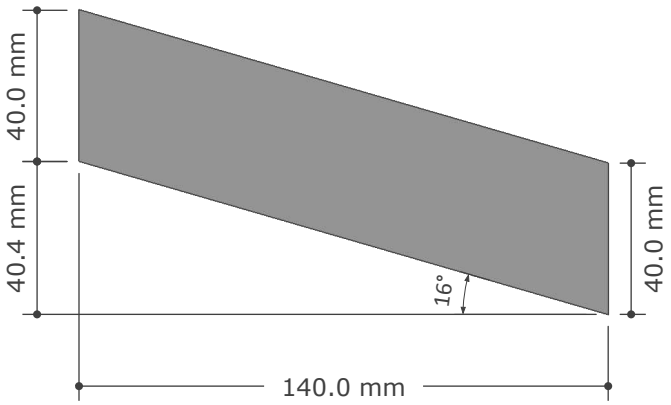
SHEET: **CONE ROTOR**



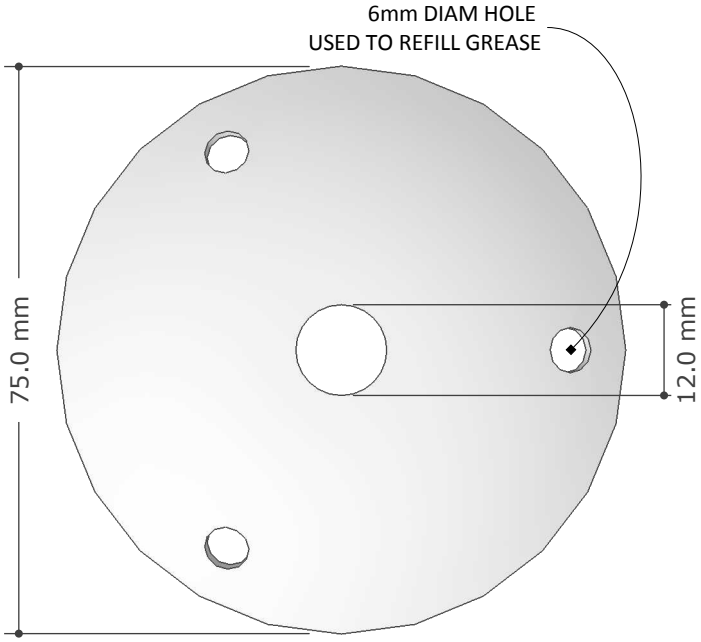
1.5mm MILD STEEL PLATE

E13 SERRATED BLADE
SCALE: 1:2

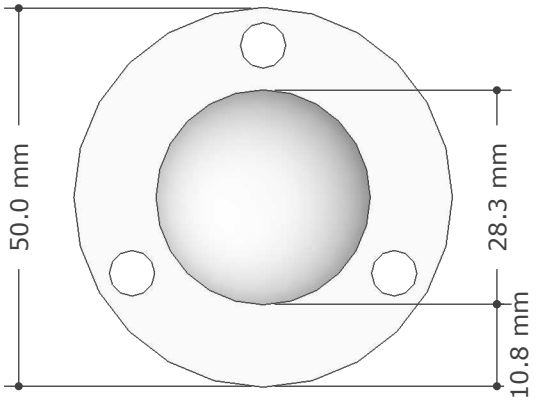


1.5mm MILD STEEL PLATE

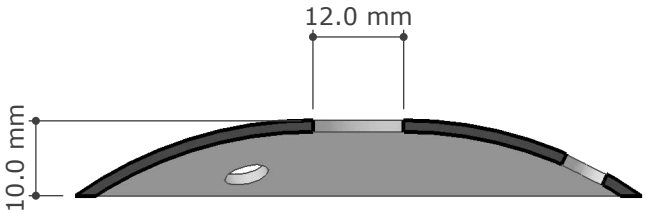
E14 FLAT BLADE
SCALE: 1:2



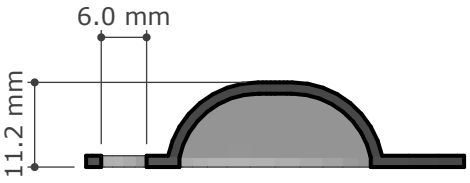
P4 LARGE CAP TOP VIEW
SCALE: 1:1



P5 SMALL CAP TOP VIEW
SCALE: 1:1



S2 LARGE CAP SECTION
SCALE: 1:1



S3 SMALL CAP SECTION
SCALE: 1:1

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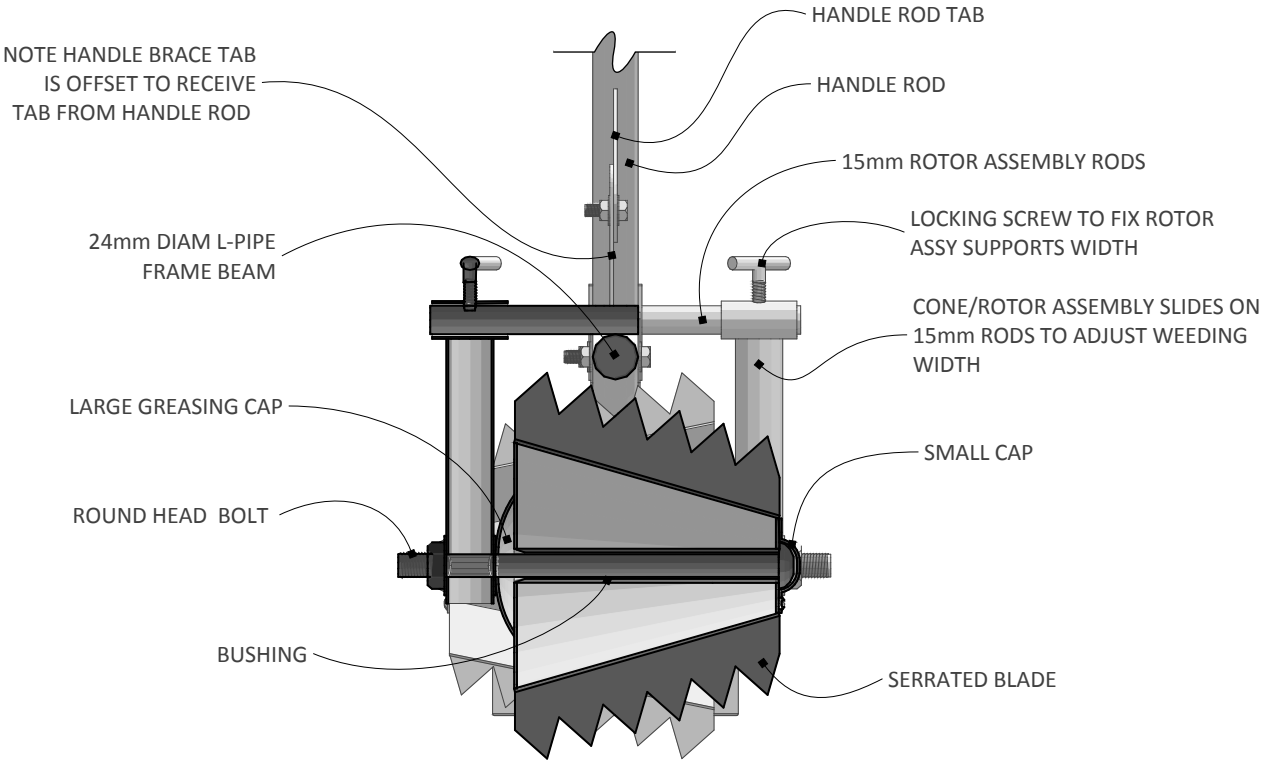
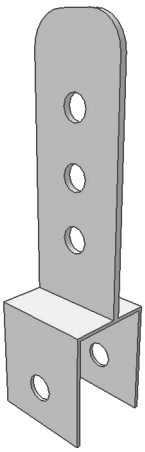
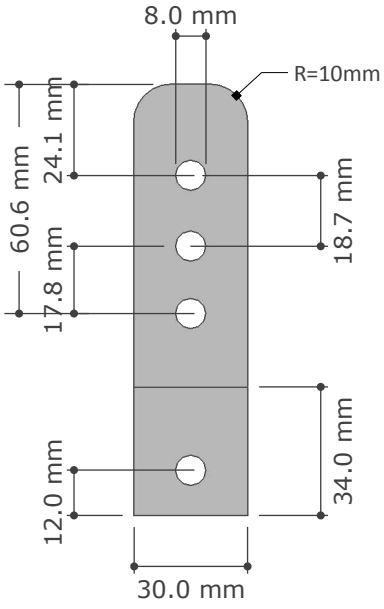
SHEET: **BLADES & END CAPS**



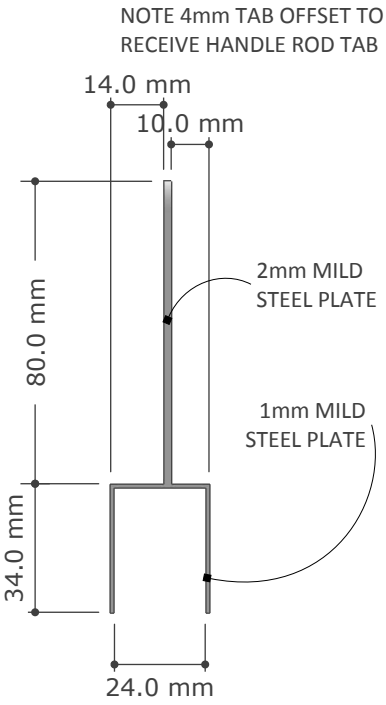
S4 **ROTOR ASSEMBLY SECTION**
SCALE: 1:4



3D10 **HANDLE BRACE**
SCALE: NTS



E15 **H-BRACE SIDE**
SCALE: 1:2



E16 **H-BRACE FRONT**
SCALE: 1:2

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SHEET: **SECTION & HANDLE BRACE**