

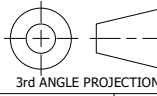
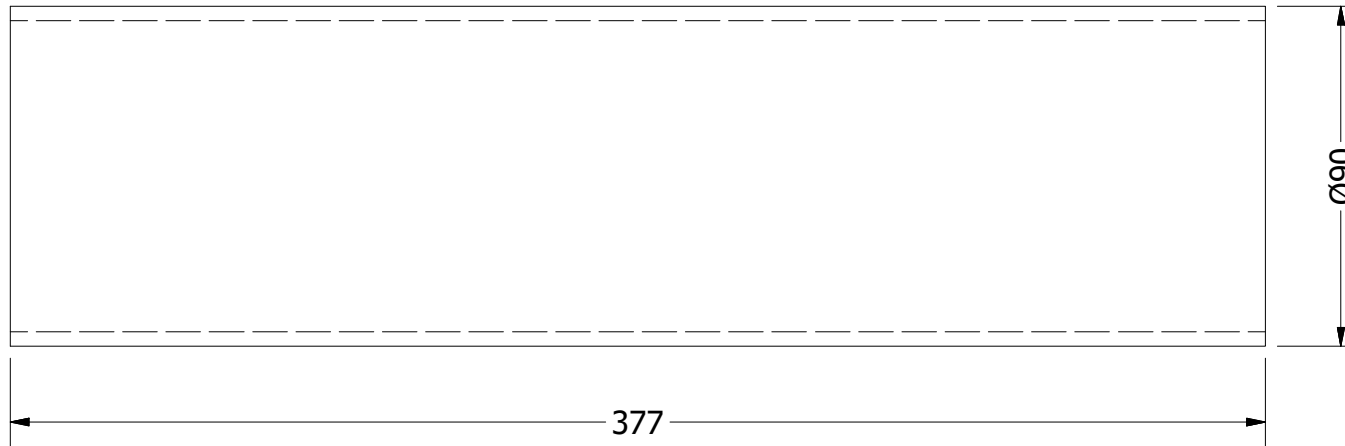


#### NOTES:

- 1) All dims in mm unless otherwise stated
- 2) All tolerances  $\pm 1\text{mm}$  unless otherwise stated
- 3) Ends to be square and chamfered for solvent weld connection
- 4) NB: Ensure that the ends of the pipe do not exceed the specified diameter

MATL: DIA. 63mm CLASS 12 uPVC



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DRAWN KA ROSIE CHECKED		2016/04/11		SKA SA - HERA PROJECT	
APPROVED					
 SKA AFRICA SQUARE KILOMETRE ARRAY				TITLE	
				HORIZONTAL HUB SPAR	
				SIZE A4	
SCALE 1:5		 3rd ANGLE PROJECTION			
				SHEET 1 OF 1	



#### NOTES:

1. All dims in mm unless otherwise stated
2. All tolerances  $\pm 1\text{mm}$  unless otherwise stated
3. NB: Ensure that the ends of the pipe do not exceed the specified diameter

MATL: DIA. 90mm CLASS 9 uPVC

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APPROVED									
 SKA AFRICA SQUARE KILOMETRE ARRAY				TITLE					
				HUB SLEEVE					
				SIZE A4		DWG NO H1HS		REV B	
				SCALE 1 / 2		SHEET 1 OF 1			

536

(515)

18.4°

#### NOTES:

- 1) All dimensions in mm unless otherwise specified
- 2) All linear tolerances  $\pm 1\text{mm}$  unless otherwise specified
- 3) All angular tolerances within  $0.2^\circ$  unless otherwise specified

MATL: 63mm CLASS 12 uPVC

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2016/06/03

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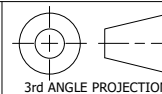
# SKA SA - HERA PROJECT

TITLE

## SUPPORT SPAR UPRIGHT



SIZE  
A4



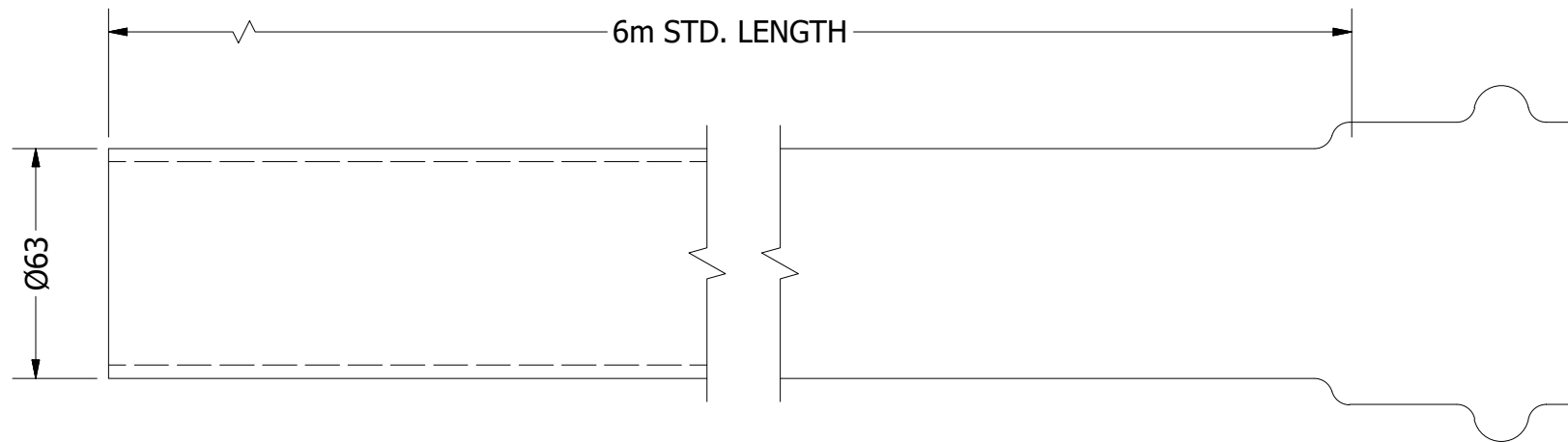
DWG NO

H1PV-P

REV  
C

SCALE 1 / 2.1

SHEET 1 OF 1



#### NOTES:

1. All dimensions in millimetres unless otherwise specified
2. All tolerances  $\pm 1\text{mm}$  unless otherwise specified
3. One end to be square and chamfered for solvent weld connection
4. Other end to contain unmodified bell-shaped socket

MATL: 63mm DIA. CLASS 12 uPVC, 6m STD. LENGTH

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2017/03/09

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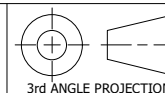
# SKA SA - HERA PROJECT

TITLE

## LONG SPAR



SIZE  
A4



DWG NO

H1RF-L

REV  
A

SCALE

1 / 2

SHEET 1 OF 1



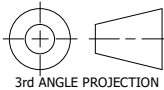
1500

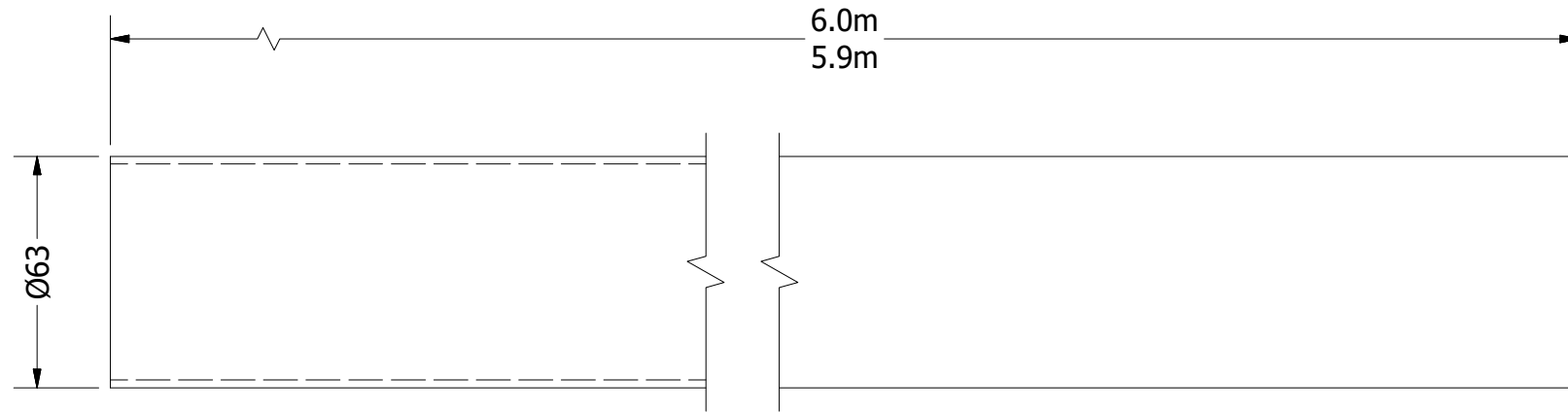
Ø63

NOTES:

1. All dimensions in millimetres unless otherwise specified
2. All tolerances  $\pm 1\text{mm}$  unless otherwise specified
3. Both ends to be square and chamfered for solvent weld connection

MATL: 63mm DIA. CLASS 12 uPVC



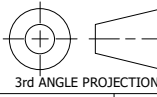
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DRAWN KA ROSIE		2017/03/09	SKA SA - HERA PROJECT				
CHECKED							
APPROVED			TITLE  SHORT SPAR				
				SIZE A4	 3rd ANGLE PROJECTION	DWG NO H1RF-S	REV A
		SCALE 1 / 2			SHEET 1 OF 1		



#### NOTES:

1. All dimensions in millimetres unless otherwise specified
2. All tolerances  $\pm 1\text{mm}$  unless otherwise specified
3. Both ends to be square and chamfered for solvent weld connection.

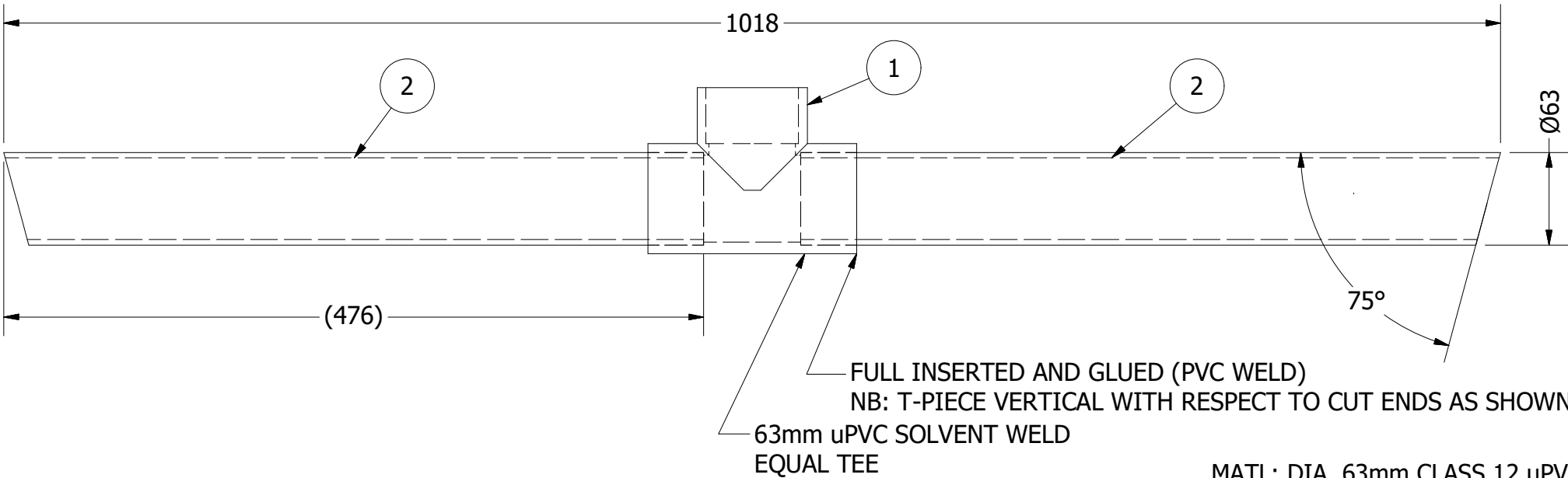
MATL: 63mm DIA. CLASS 12 mPVC, 6m STD. LENGTH

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DRAWN KA ROSIE	2017/03/09	SKA SA - HERA PROJECT			
CHECKED					
APPROVED		TITLE			
		INTERMEDIATE SPAR			
		SIZE	 3rd ANGLE PROJECTION	DWG NO	REV A
		A4		H1RI	
SCALE		1 / 2	SHEET 1 OF 1		

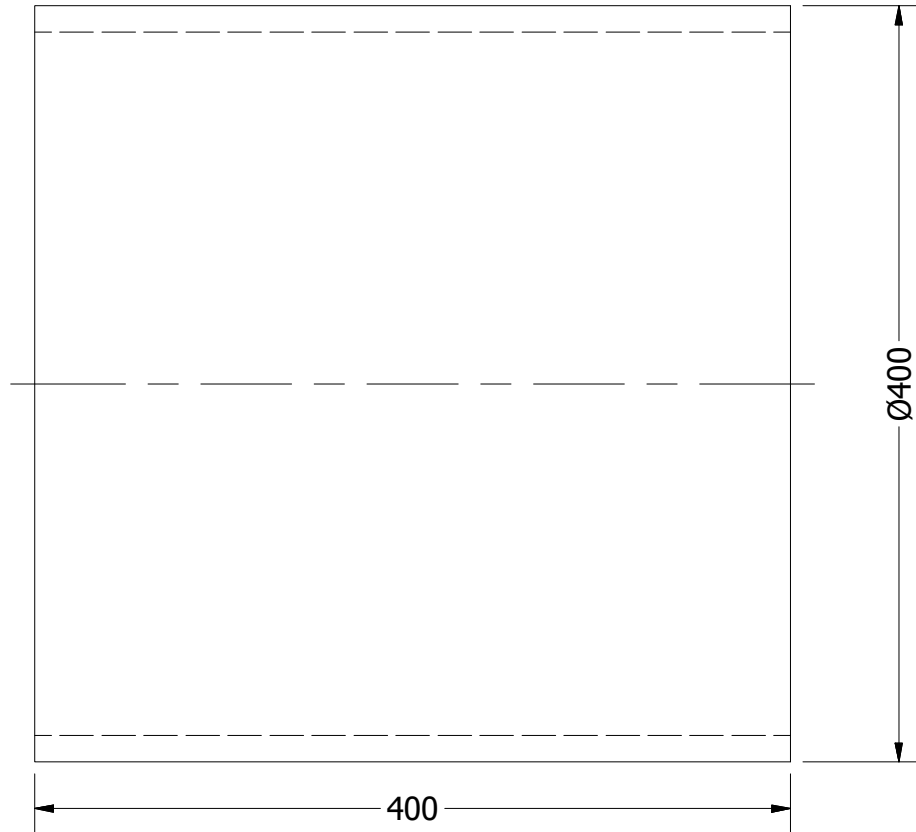
NOTES:

- 1. All dimensions in mm unless otherwise specified
- 2. All tolerances ±1mm unless otherwise specified
- 3. Final length of Item 2 depends on insertion length of Item 1

PARTS LIST			
ITEM	QTY	PART #	DESCRIPTION
1	1	COTS	63mm uPVC Solvent Weld Equal Tee
2	2	H1RC-C	Cross Piece, cut according to dims



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APPROVED			
<div><div><div>SKA AFRICA</div><div>SQUARE KILOMETRE ARRAY</div></div><div><div><div>HERA</div><div>1</div></div></div></div>		TITLE	
		CROSS-SPAR SUB ASSEMBLY	
		SIZE A4	<div><div><div></div><div>3rd ANGLE PROJECTION</div></div><div>DWG NO H1RC</div></div>
SCALE 1 / 4		SHEET 1 OF 1	



# NOTES:

1. All dimensions in mm unless otherwise specified
2. All linear tolerances  $\pm 1\text{mm}$  unless otherwise specified

MATL: DIA. 400mm CLASS 9 uPVC

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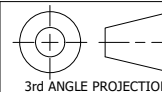
## SKA SA - HERA PROJECT

TITLE

### POST BASE FORMS



SIZE  
A4



DWG NO  
H1PS-F

REV  
A

SCALE  
1/4

SHEET 1 OF 1