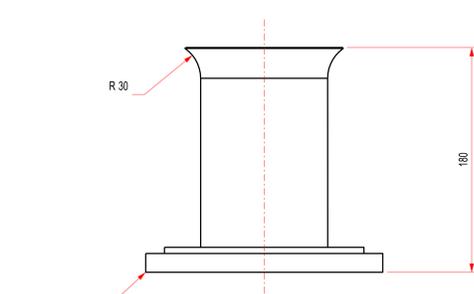


COUPLING CONNECTION
SCALE 2:1

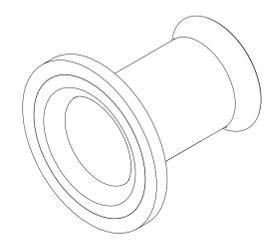
- NOTES: (UNLESS OTHERWISE STATED)
- BREAK SHARP EDGES AND REMOVE BURRS THAT COULD DAMAGE BAG.
 - ALL MATERIALS SHALL BE MILD STEEL.
 - THESE ARE SUGGESTED DIMENSIONS WHICH CAN BE MODIFIED AS LONG AS THE EFFECTIVE CAGE LENGTH IS DIM 'A' WITHIN LISTED TOLERANCES AND THE MAXIMUM RING SPACING IS 'CC'.
 - DIMENSIONS INCLUDE COATING, IF ANY.
 - RINGS TO BE INDUCTION WELDED TO WIRES.
 - WIRES TO BE INDUCTION WELDED TO COLLAR.
 - FINAL CAGE JOINT DIMENSIONS SEE DRAWING TO ACHIEVE SPECIFIED ASSEMBLY AND DISASSEMBLY REQUIREMENTS.
 - CAGE STRAIGHTNESS IS MEASURED ALONG THE CAGE LENGTH FROM A REFERENCE LOCATED 25mm FROM THE CAGE TOP AND BOTTOM.
 - COLLAR AND RINGS AT JOINTS SHALL BE PERPENDICULAR TO THE CAGE VERTICAL CENTER TO MEET CAGE STRAIGHTNESS AND PLUMBNESS.
 - WELDING SPEC 240-106628253
 - KNUCKLE WIRES TO CONNECT TOP AND BOTTOM CAGE
 - CAGES TO BE STAMPED AS PER SPECIFICATION 474-11972

SECTION AA
SCALE 1:2

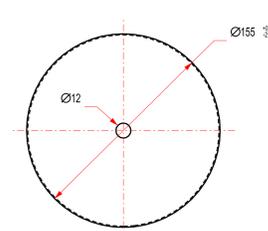
COLLAR
0.9mm THICK
SCALE 1:2



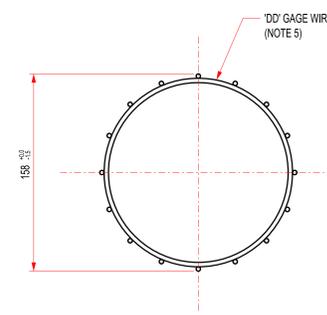
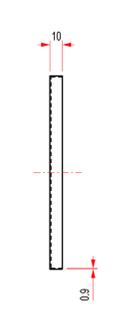
VENTURY & COLLAR ASSEMBLY
SCALE 1:2



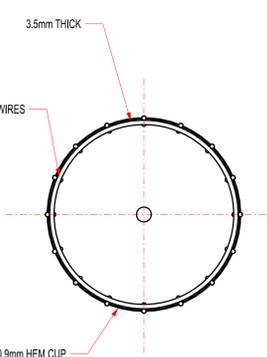
VENTURI



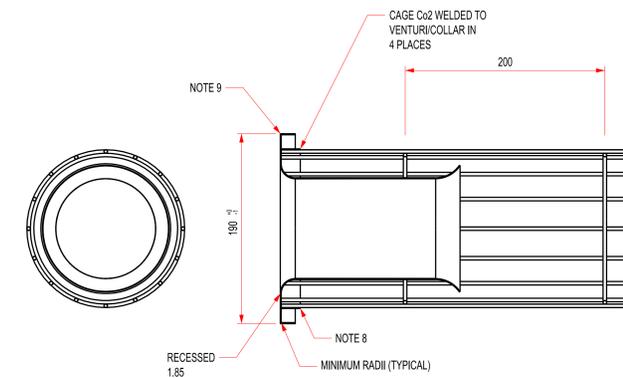
END CAP
0.9mm THICK
SCALE 1:2



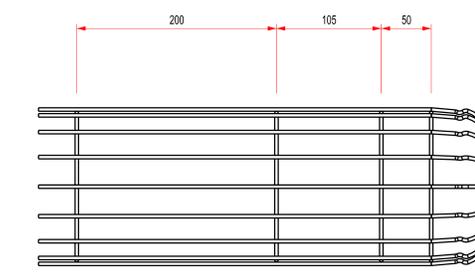
SECTION EE
SCALE 1:2



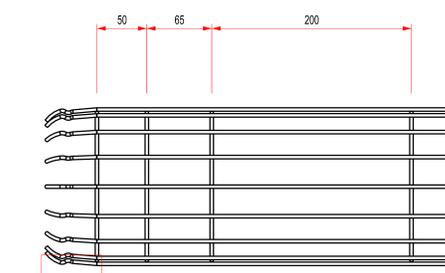
SECTION CC
SCALE 1:2



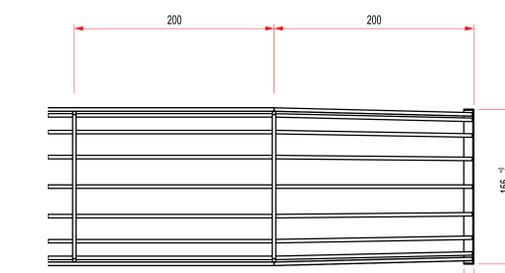
SECTION BB
SCALE 1:2



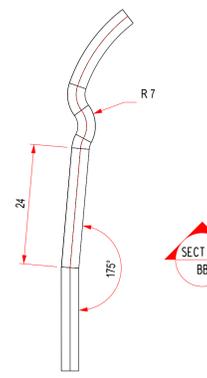
DETAIL B
SCALE 1:2



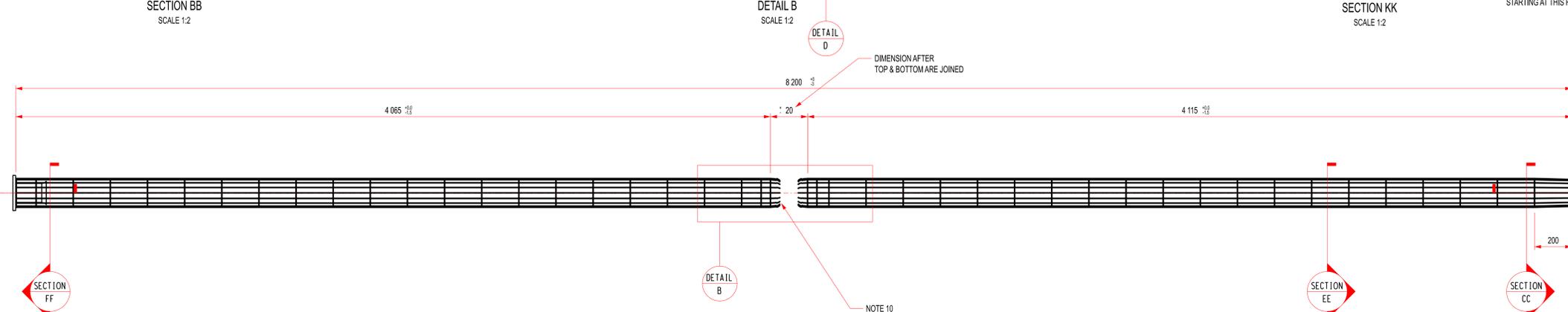
DETAIL D
SCALE 1:2



SECTION KK
SCALE 1:2



CONNECTION D
SCALE 2:1



SECTION FF
SCALE 1:2

DETAIL B
SCALE 1:2

SECTION EE
SCALE 1:2

SECTION CC
SCALE 1:2

25 FOR 2 PIECE CAGE
MAX OFF AT BOTTOM
ASSEMBLED AND HUNG.
CAGE STRAIGHTNESS
AT POINT OF MANUFACTURE.

GAGE EQUIVALENT			
WIRE GA	SHEET GA		MM
10	-		3.5
WIRE GA REF. ASTM A510/A510M			
SHEET GA REF. ASTM A109/A109M			

WIRE GAGE AND COUPLING CONNECTIONS							
COMPONENT REFERENCE	VERTICAL WIRES AA	VERTICAL WIRES BB	HORIZONTAL WIRE RINGS CC	HORIZONTAL WIRE RINGS DD	COUPLING CONNS TYPE A		
CAGE SIZE DESIGNATION	NUMBER OF WIRES	GAGE EQUIVALENT WIRE DIA	RING SPS (MAXIMUM)	GAGE EQUIVALENT WIRE DIA	DOUBLE ENDED (NOTE 1)		
16-WIRE	16	10	3.5mm	200mm	10	3.5mm	YES

CAGE CONSTRUCTION	
CAGE SIZE DESIGNATION	DESCRIPTION
16 WIRE	16 VERTICAL WIRES, 10 GA BWG: 3.5 MM DIAMETER. HORIZONTAL WIRE RINGS SPACED AT 200 MM MAX., 10 GA BWG: 3.5 MM DIAMETER. ALL WIRES COATED SKS BLACK EDGING PRIMER SNK10, FERRO-PAK615 OR APPROVED EQUIVALENT

TOLERANCES	
UNLESS STATED OTHERWISE DIMENSIONS ARE IN MM AND THE FOLLOWING TOLERANCES SHALL APPLY:	
FRACTIONS - LINEAR	= ±1.5 & DIAMETRAL = ±0.381
DECIMAL - X.XX	= ±0.762 / X.XXX = ±0.254
ANGULAR	= ±1/4°

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
AUTHORISED FOR ESKOM BY: JPH		CLASSIFICATION: UNCLAS		REVISION: 01		DATE: 2024		BY: HED		SCALE: AS SHOWN		ESKOM		366-263277		SHEET 01		REV 03		DRAWING CLASSIFICATION: CONTROLLED DISCLOSURE	