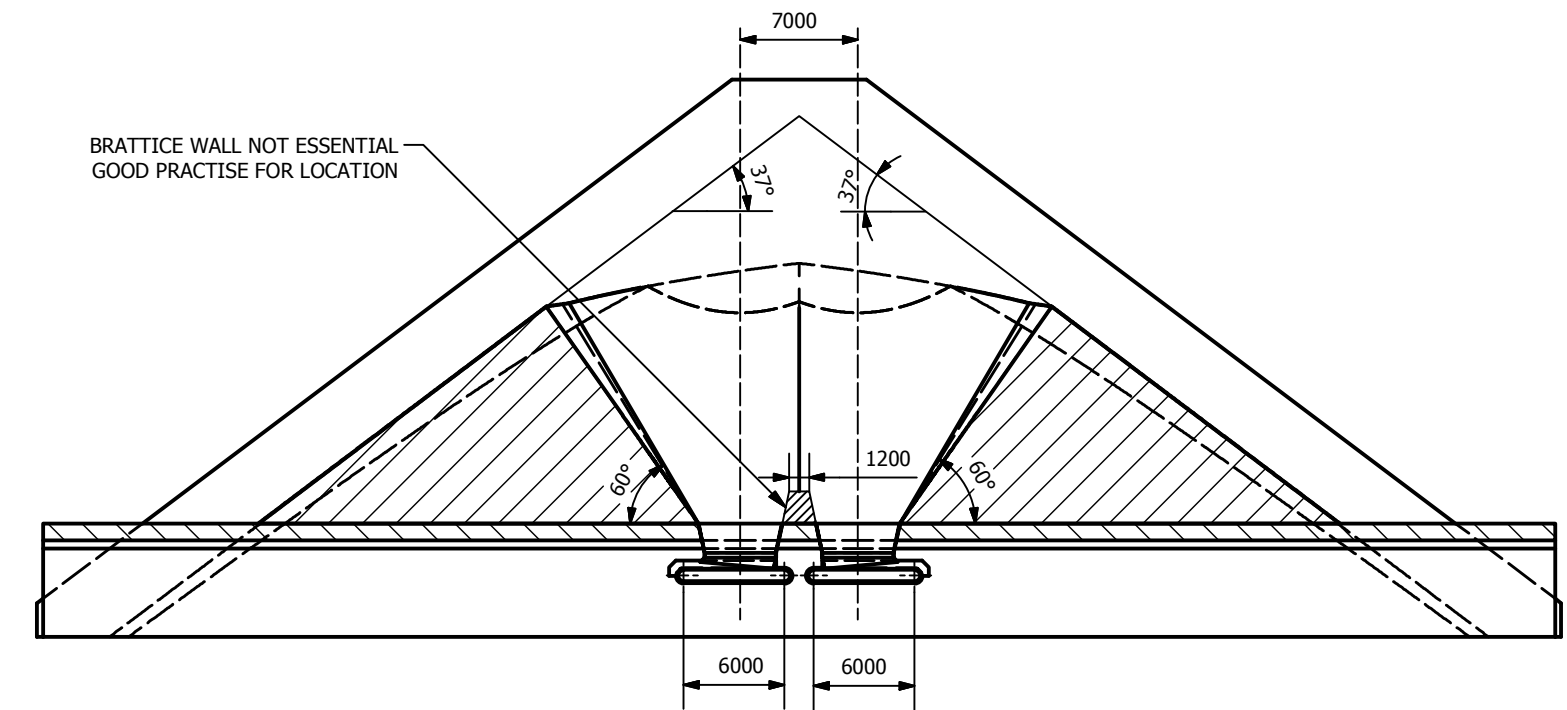
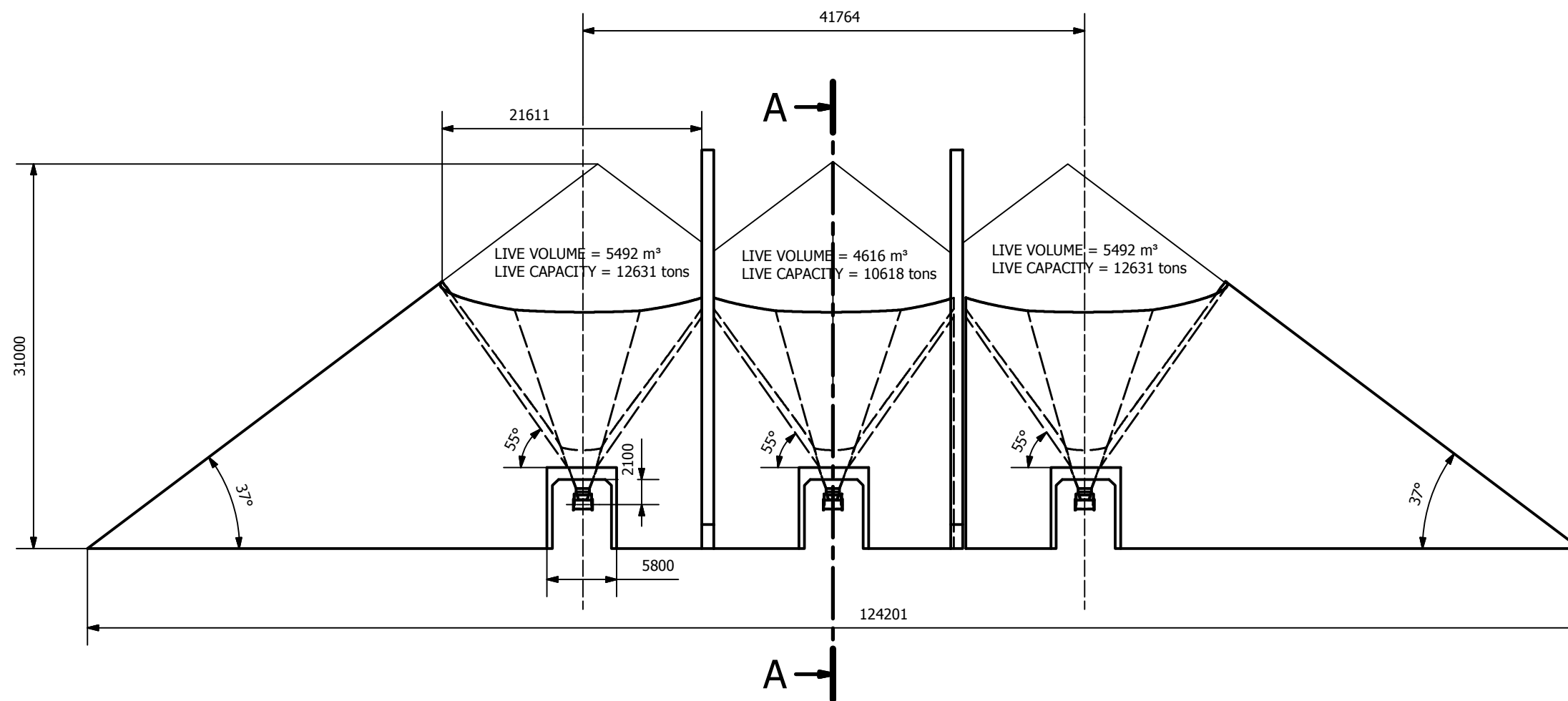
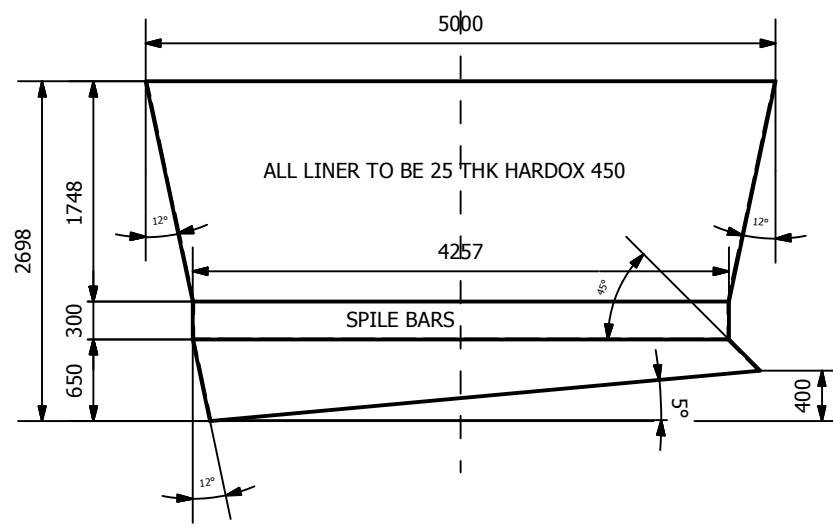
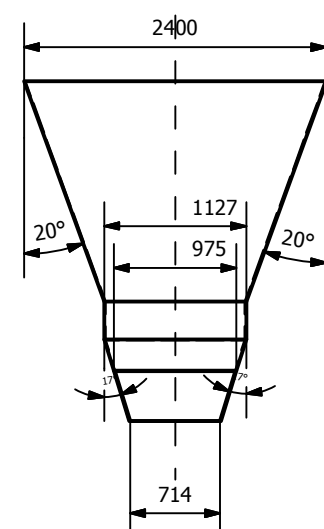
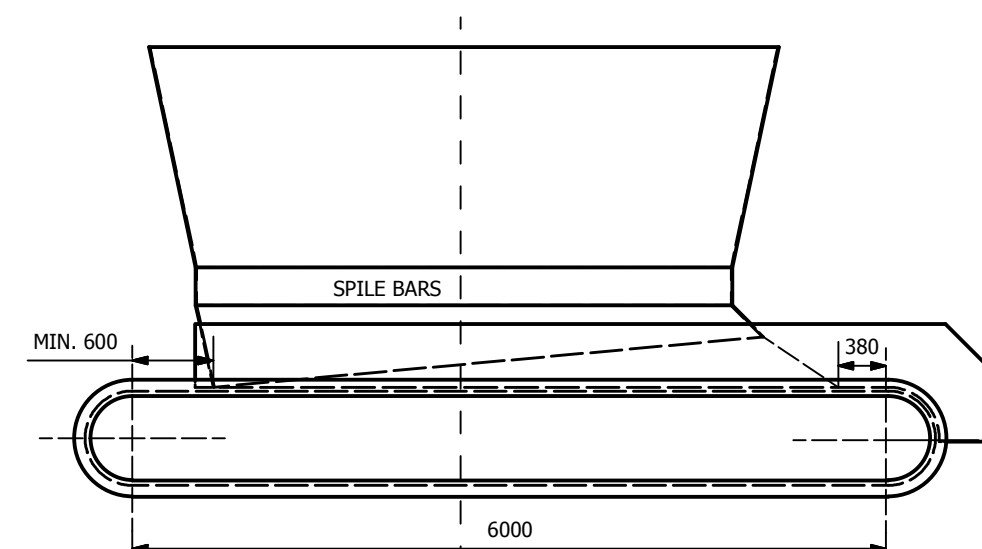
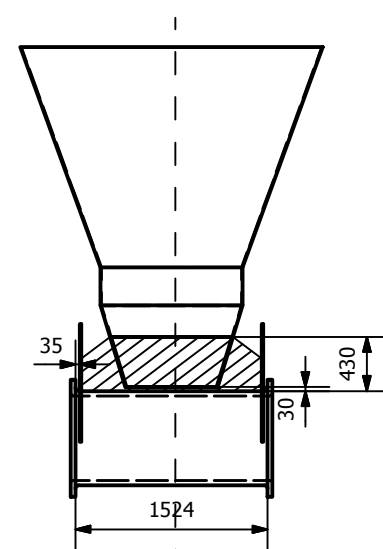




A-A (1 : 450)



MATERIAL PROPERTIES:

IRON ORE (ITF & ITG)
MOISTURE CONTENT 6% - 12 %
BULK DENSITY (LOAD) = 2600 kg/m³
BULK DENSITY (VOLUME) = 2200 kg/m³
BULK DENSITY (DISCHARGE) = 1900 kg/m³
DRAWDOWN ANGLES LONG SIDES = 55°
DRAWDOWN ANGLES SHORT SIDES = 60°
MAX. LUMP SIZE = 200 mm
FINES % - 4mm < 30%

STOCKPILE PROPERTIES:

REQUIRED LIVE CAPACITY = 36000 tons
DESIGNED LIVE CAPACITY = 35880 tons (15600 m³)

FEEDER PROPERTIES:

APRON FEEDER
LENGTH = 6000 mm
WIDTH = 1524 mm

SHEAR LOAD (START-UP) = 420 kN
SHEAR LOAD (RUNNING) = 77 kN

MAX. DESIGN CAPACITY = 1200 t/hr @ 0.300 m/s
MIN. DESIGN CAPACITY = 600 t/hr @ 0.150 m/s
VSD OR HYDRAULIC CONTROLLED

ONE FEEDER SATISFIES CRITICAL RATHOLE
DIAMETER

FUNCTIONAL DESIGN

According to Bulk Solids Flow Report - A643 - Example

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												TITLE EXAMPLE ROM STOCKPILE			
								LEAD ENGINEER							
								DRAWN				S.Roos		06/02/14	
REV.	BY	DATE	REVISIONS				LEAD ENG.	DATE	APPROVAL	SIGNATURE	DATE	A2	DWG NO. S-ROM-001	REVISION 0	SCALE U.O.S.