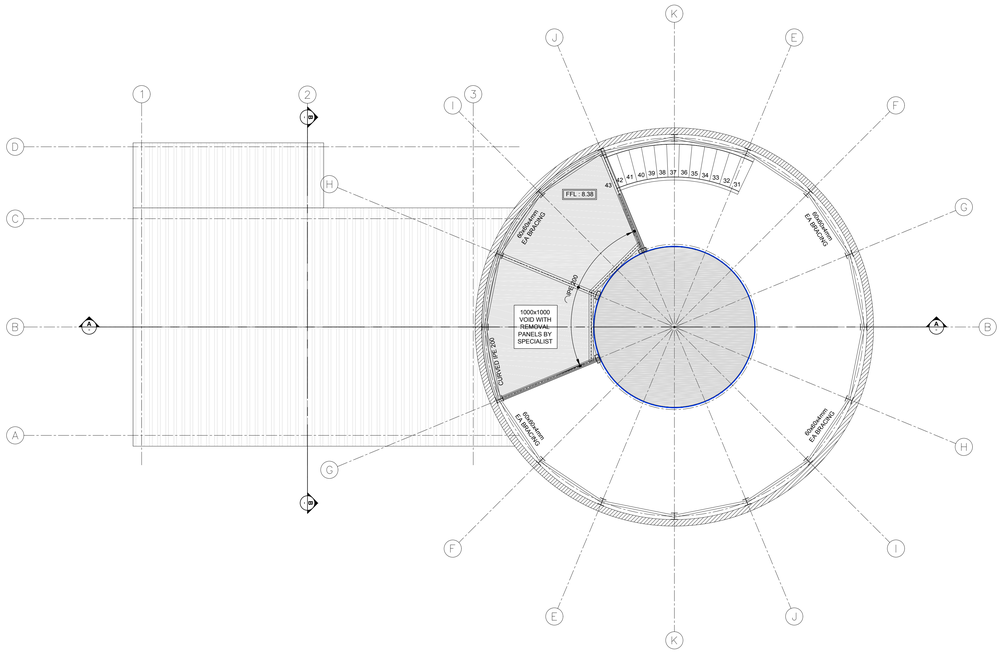
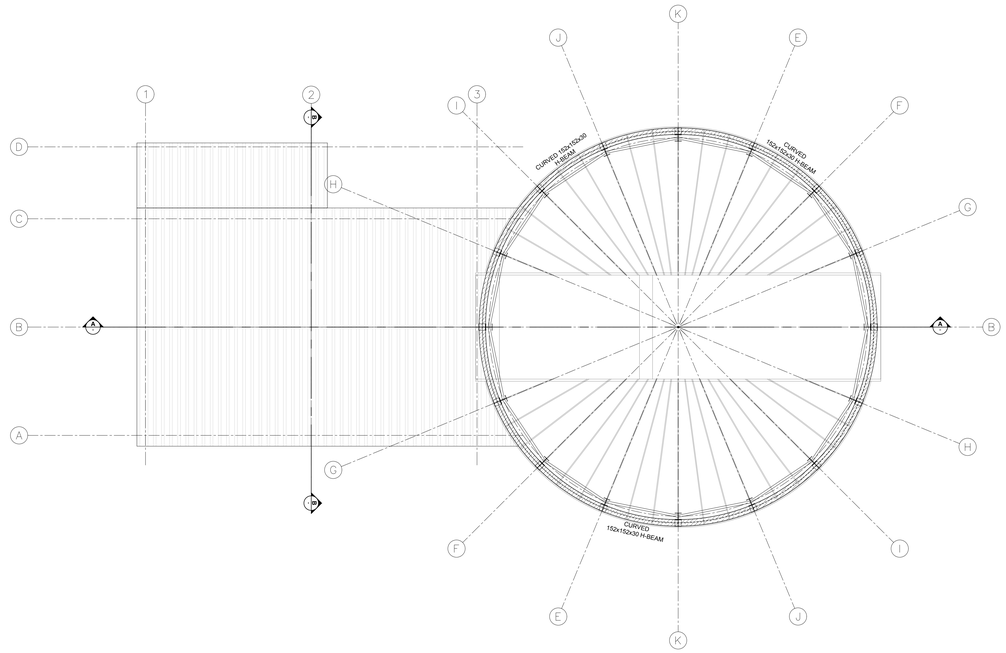
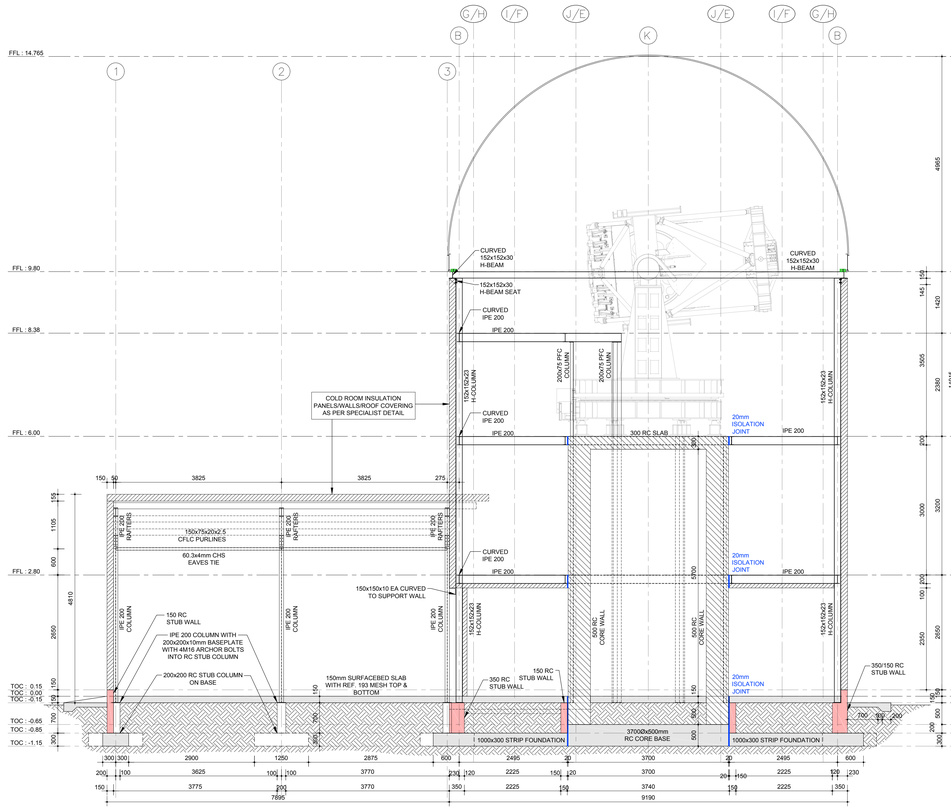


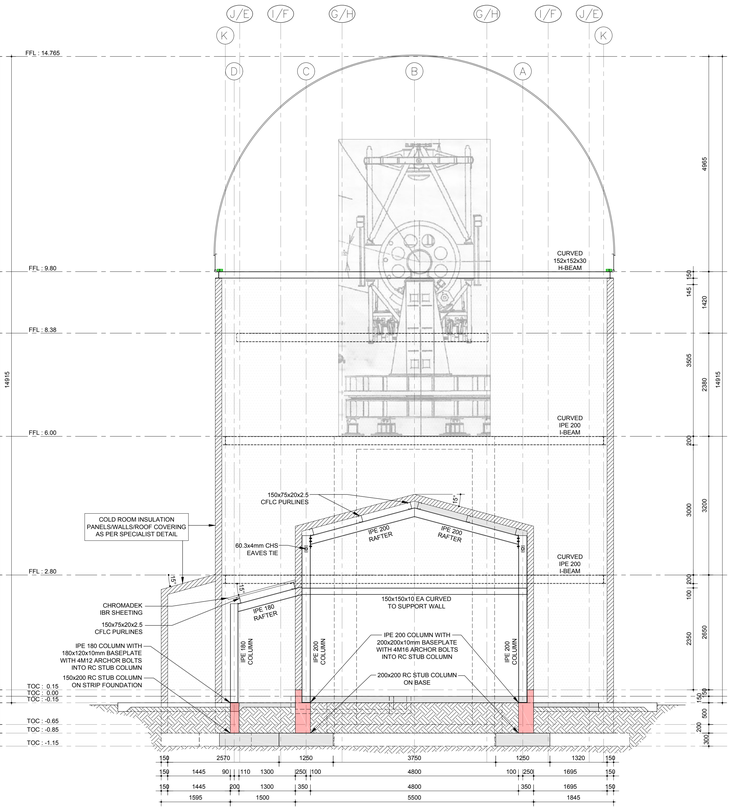
PRIME - TELESCOPE PLATFORM LAYOUT
SCALE 1:50



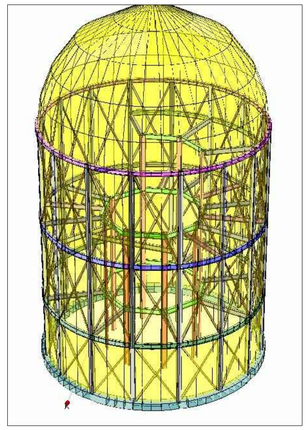
PRIME - TELESCOPE ROOF LAYOUT
SCALE 1:50



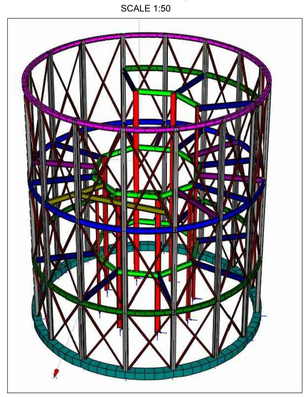
SECTION A - A
SCALE 1:50



SECTION B - B
SCALE 1:50



FEM - FRAME & SHELL
SCALE 1:50



FEM - FRAME
SCALE 1:50

GENERAL NOTES:

- Any discrepancies & ambiguities on the Engineers drawings to be reported to Craft Projects immediately.
- This drawing to be read in conjunction with all relevant drawings and standardised specifications mentioned. Any discrepancies shall be referred to the engineer before construction.
- Levels & dimentions to be checked by client/contractor before any work commences. -DO NOT SCALE DIMENSIONS-
- The onus rests upon the client and/or owner that all construction work carried out shall comply with the national health and safety act.
- Products different to those specified may be used with the engineer's prior approval.
- Please ask if in doubt
- All brickwork shown as per ledger are loadbearing and is to be built to the full height before starting with the concrete construction.
- Bearing pads for RC beams to be strictly according to drawings.
- All materials to comply with the relevant SANS/SABS standards and specifications.
- All reinforcement steel to be approved by The Engineer before any concrete is placed. - 24 hour notice for inspection - No certificate will be issued on work that is not inspected.
- Concrete strengh - at 28 days using 19mm approved stone.
  Concrete strengh to be -
  Unreinforced Stripfooting - 15 MPa
  Reinforced Stripfooting - 25 MPa
  Bases - 25 MPa
  Slabs, beams & stairs - 25 Mpa
  Columns/ Stub Columns - 35 MPa
  unless otherwise indicated.
- Concrete cover to main reinforcement -
  Beams & columns - 35mm
  Slabs & stairs - 25mm
  Bases - 50mm
- Staircase openings and heights to be checked by the client/ contractor to comply with architect drawings and details.
- All foundations and pad footings to be founded on natural ground or approved compacted material.
- Should honeycombing appear on concrete work, contact engineer for inspection and rectification method.
- Stripping times of shuttering for concrete -
  Beams - 18 days
  Slabs & stairs - 14 days
  Columns - 3 days
- Concrete to be cured by keeping it damp for 7 days, unless spesified otherwise.
- Place 10mm softboard in vertical joints between concrete and brickwork.
- Place 2 layers of DPC on horisontal joints between concrete & brickwork.
- All loadbearing brickwork shown to be 14MPa brickwork with Class II Mortar.

No :	Date :	Details :
T1	25.07.2019	ISSUED FOR TENDER

CRAFT CONSULTING
CIVIL & STRUCTURAL ENGINEERS
PAUL@CRAFT-SA.CO.ZA | 072 181 2935

Status : **FOR TENDER**

Project : **PRIME OBSERVATION DOME**

Description : NEW STRUCTURE
Location : SUTHERLAND, NORTHERN CAPE

ERF :

Client : QUNU CONSULTING ENGINEERS

Drawing description : **OBSERVATION DOME LAYOUTS AND SECTIONS**

1:50 SCALE :	25.07.2019 DATE :
PC DRAWN :	PC CHECKED :
	SIGNED :
19-0070-00 PROJECT NO. :	01-02 DRAWING NO. :
	T1 REVISION NO. :