



**LEGEND:**

- FSL - FULL SUPPLY LEVEL
- EC - EMBANKMENT CREST
- NGL - NATURAL GROUND LEVEL
- SOP - SETTING OUT POINT

- 04 SECTION No
- 004 DRAWING No
- SI STORMWATER INFRASTRUCTURE

- TEST PIT WITHOUT SEEPAGE
- TEST PIT WITH SEEPAGE

**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
2. ALL LEVELS ARE IN METERS ABOVE SEA LEVEL.
3. EMBANKMENT TO BE CONSTRUCTED TO 2% HIGHER THAN HEIGHT ABOVE NGL TO THEORETICAL EMBANKMENT CREST LEVEL TO ALLOW FOR SETTLEMENT.
4. CONCRETE TO BE CLASS 25 MPa.
5. BLINDING TO BE 15 MPa.
6. ALL EXPOSED CONCRETE EDGES SHALL HAVE 20 mm x 20mm CHAMBERS.

COORDINATES UTM 29 WGS84		
POINT	X	Y
SOP 1	2906924.7576	-93938.5339
SOP 2	2906767.4227	-94070.5555
SOP 3	2906814.6996	-94053.6409
SOP 4	2906778.6423	-94010.6695

**CLIENT**



**REV. DATE REVISION DETAILS**

REV	DATE	REVISION DETAILS
A	06/2020	PRELIMINARY DESIGN

**APPROVED**

**SCALE**

**SIZE**

**PRELIM. DESIGN**

**PROJECT**

**CONTRACT JRA/18/107**

AS SHOWN	DRAWN	DESIGNED	CHECKED	A. G. CHEMALLY
I. BEY	I. BEY	I. BEY	I. BEY	
APPROVED	APPROVED			
TITLE	DRAWING No.	PROJECT No.	WBS	TYPE
REHABILITATION OF ORLANDO POWER STATION DAM GENERAL ARRANGEMENT OPTION 2		504630	OPSD	DRG
			CC	001
				REV
				A