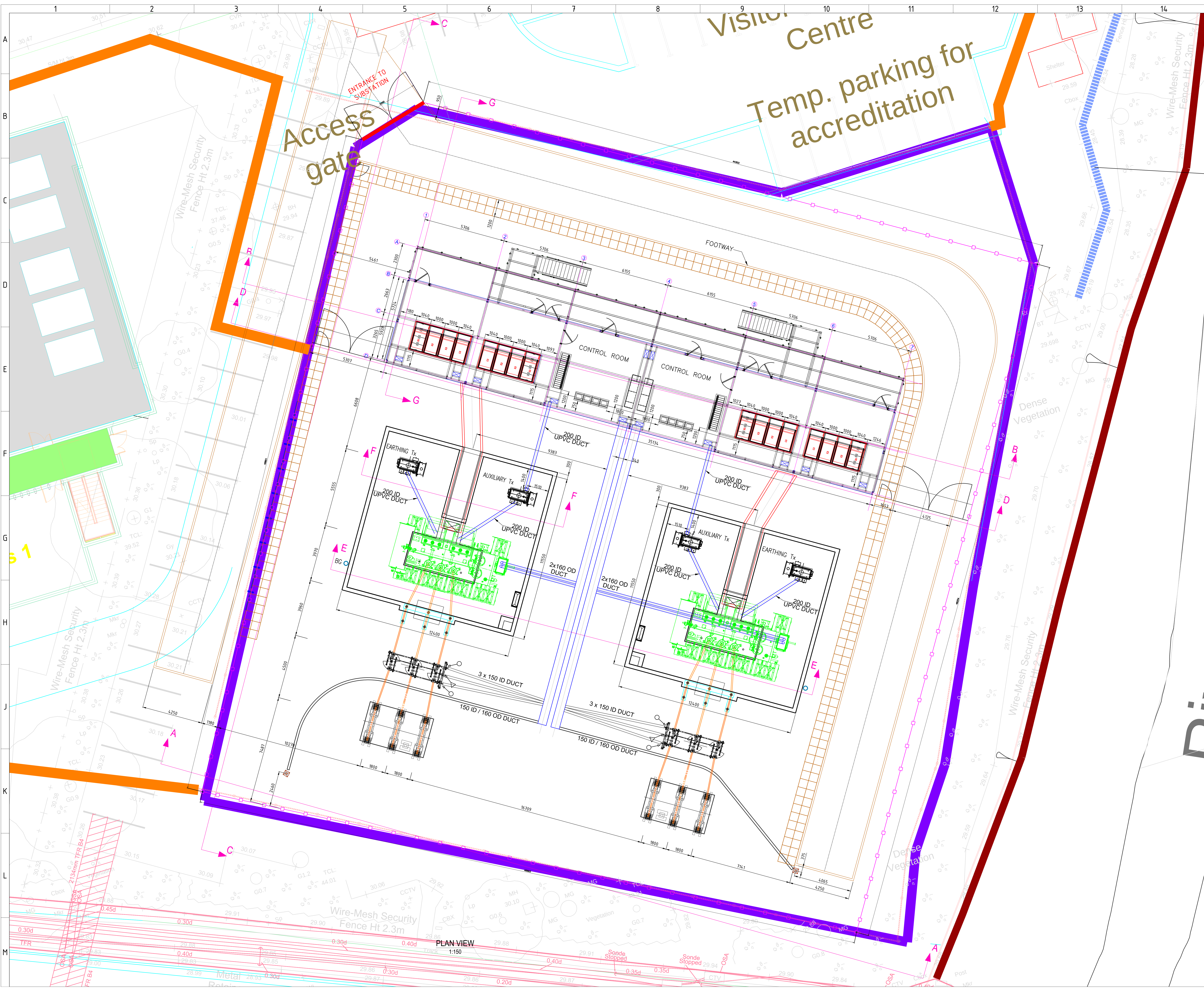




NOTES:

1) ALL DIMENSIONS ARE IN mm's UNLESS OTHERWISE SHOWN.

3) FENCE TO BE 2.4m WELDED GALVANISED STEEL ANTI-BURROW PALISADE.

4) FOR EXTERNAL LIGHTING LAYOUT PLEASE REFER DRG P1152-ARK-1003 SHT-1.

5) F.G.L. & F.F.L. TO TO FLOOD LEVEL ZONE .

6) OUTGOING CABLE ROUTES & PULLING PITS PROVIDED AND SPACE FOR TO BE CONFIRMED.

7) SIZE AND LOCATION OF PITS TO BE CONFIRMED IN CONSULTATION WITH HPF .

8) MAIN GATE LOCATION TO BE COORDINATED WITH HV ENERGY CENTER AND SUBSTATION COMMON ROAD.

9) ALL PLANT ITEMS GA TO BE CONFIRMED.

LEGENDS:

ENTRANCE GATE AS PER CLIENT PROVIDED DRG

SUBSTATION BOUNDARY AS PER ARCHITECTURE BASE PROVIDED BY ARK

SUBSTATION PALLISADE FENCE

PLANT/BUILDING

AIS PLANT AND BUSBAR (90x6" AL TUBE)

11kV CABLE TRENCH

MAIN POWER TRANSFORMER

CONTROL CABLE TRENCH

ROAD

MOTOR DRIVE DISCONNECTOR

MOTOR DRIVE EARTH SWITCH

REFERENCE DRAWINGS

P1152-ARK-DWG-1001 SHT 2 & 4 - UNION PARK 66/11.9/11.9kV SUBSTATION ELEVATIONS

3 bollards
3 zones
stages

SUBSTATION LOCATION

Visitor Reception Centre
Temp. parking for accreditation
River Crane

SITE ORIENTATION

1:1000

C	26.12.20	UPDATED AS PER CLIENT COMMENTS	M.S	S.S.	D.C
B	31.10.20	FOR APPROVAL	-	-	M.E
A	01.10.20	FOR APPROVAL	-	-	M.E
P5	23.08.20	DISCONNECTOR ADDED PASS	-	-	M.E
P4	21.05.20	FOR PLANNING	-	-	M.E
P3	17.05.20	FOR PLANNING	-	-	M.E
P2	21.04.20	FOR PLANNING	-	-	M.E
P1	28.03.20	FOR DISCUSSION	M.S	S.S.	D.C
P1	07.02.20	PRELIMINARY ISSUE	M.S	S.S.	D.C
REV	DATE	DESCRIPTION	DRN	CHK	APP

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All traffic management will be provided in accordance with the Code of Practice for Safety at Street Works and Road Works, the "Red Book" (a copy of which will be available on site) issued under Sections 65 and 124 of the New Roads and Street Works Act 1991 and Chapter 8 of the Traffic Signs Manual.

JSM

JSM Group

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TITLE

UNION PARK 66/11.9/11.9kV SUBSTATION

PROJECT NAME

PROJECT UNION SUBSTATION WORKS

CUSTOMER

ARK DATACENTER

CUSTOMER DRAWING NUMBER

STATUS

FOR APPROVAL

DRAWING NUMBER

SCALE

SIZE

REVISION

P1152-ARK-DWG-1001 SHT 1

1:150

A1