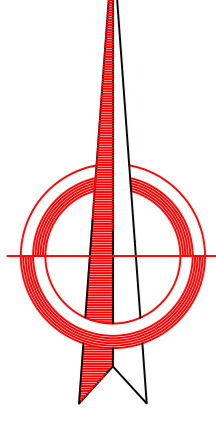
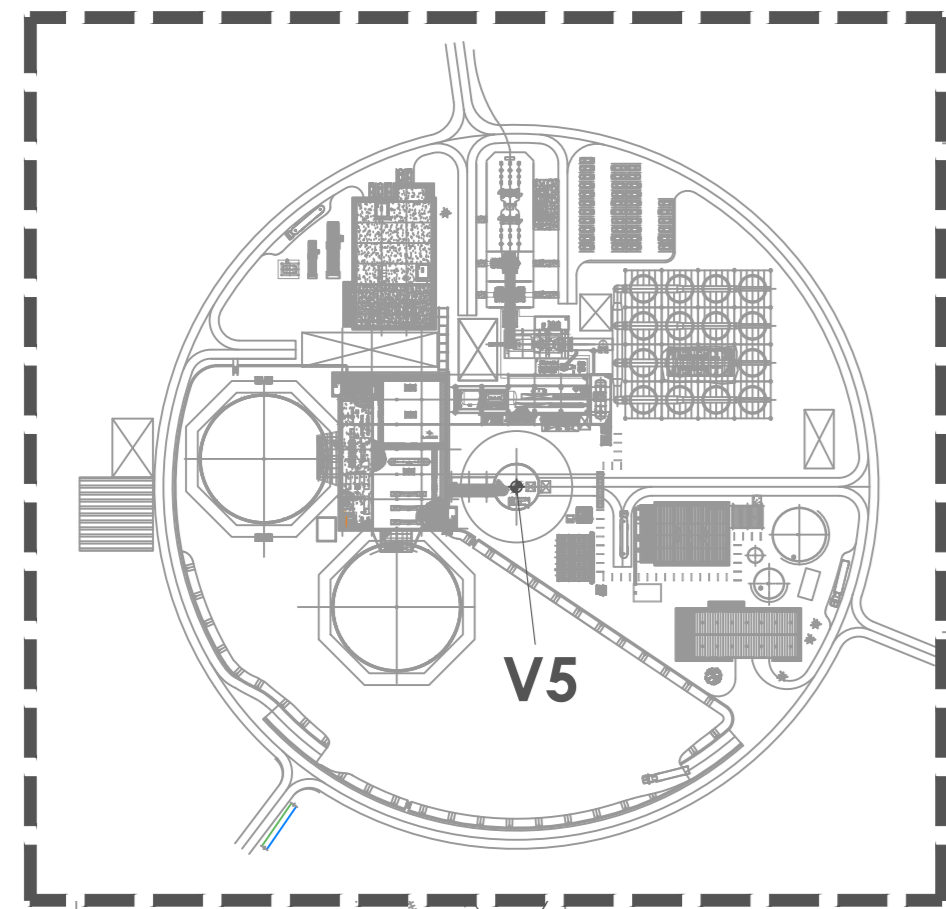


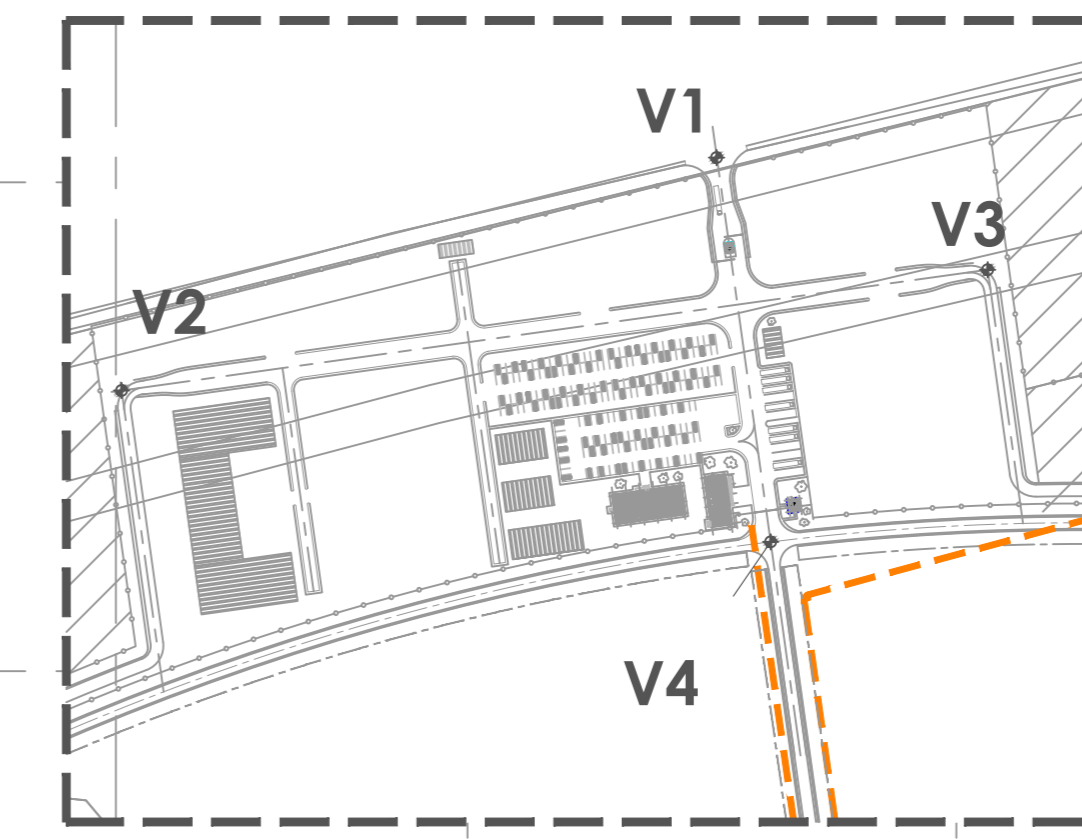
P.N.



DETAIL 3



DETAIL 1



NOTES:

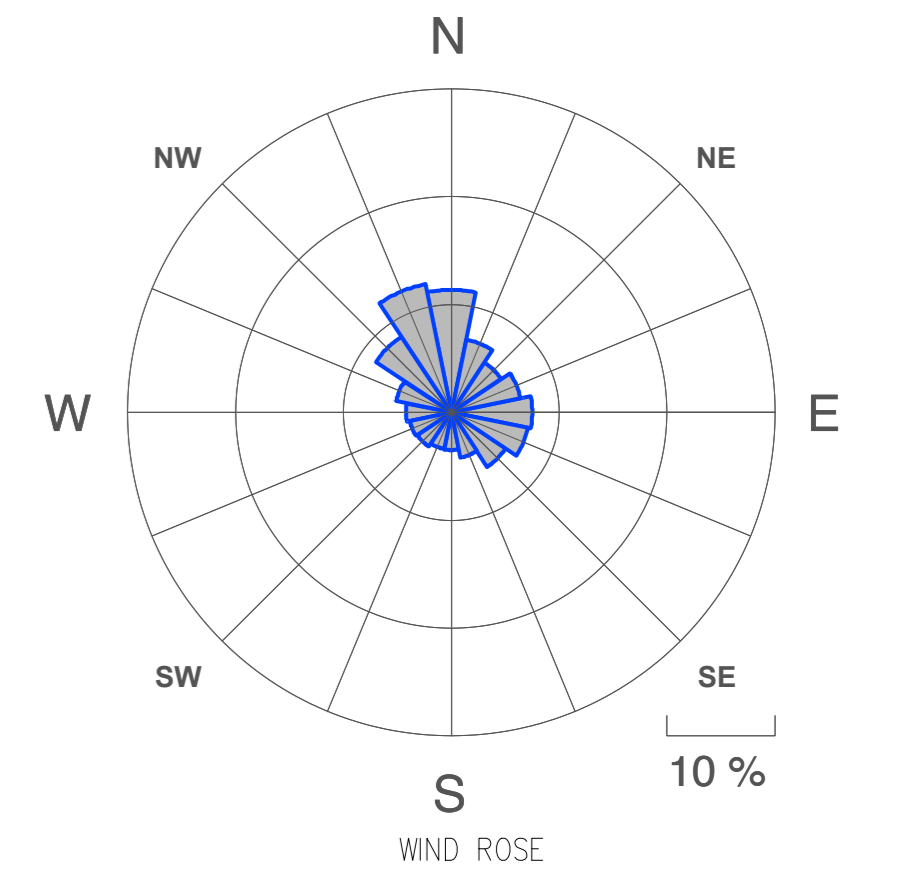
- 1. ARRANGEMENT OF ROADS, CABLEWAY AND PIPES SHOWN IN THIS DRAWING ARE PRELIMINARY AND WILL BE DEFINE LATER.
- 2. ALL UNITS REFERENCED IN THE PLAN ARE IN M.

LEGEND:

- 1 SOLAR FIELD
- 2 RAILWAY (50M BUFFER)
- 3 POWER BLOCK
- 4 ACCESS
- 5 MANCAMP OPTION (±1.5ha)
- 6 ROAD R-385
- 7 WATER PIPELINE ROUTE
- 8 WASTE WATER PIPELINE
- 9 EVAPORATION POND
- 10 PERIMETRAL ROAD
- 11 TRANSVERSAL ROAD
- 12 OVERHEAD LINE 132kV OHL
- 13 FACILITY METERING INSTALLATION
- 14 CABLES UP TO DELIVERY POINT
- 15 HERITAGE
- 16 OVERHEAD LINE 132kV OHL
- 17 PERIMETRAL FENCE
- 18 DUCT BANK
- 19 ADMINISTRATIVE BUILDING
- 20 VISITOR BUILDING
- 21 INTERNAL ROAD
- 22 HELIOSTAT MAINTENANCE PATHS

COORDINATES GAUSS CONFORM Lo. 23°(WGS84)

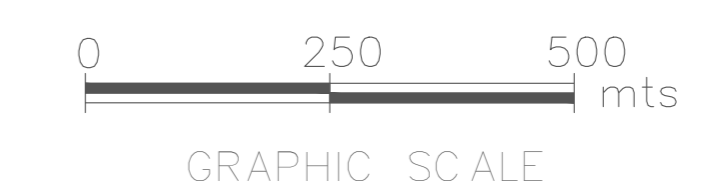
ACCESS		
VERTICE	Y	X
V1	-35807,1377	3130114,8612
V2	-35502,9314	3130233,9784
V3	-35945,7628	3130172,2352
V4	-35834,7867	3130311,3865
SOLAR RECEIVER TOWER		
VERTICE	Y	X
V5	-35995,9301	3131463,9280
EVAPORATION POND		
VERTICE	Y	X
V6	-34952,3380	3132885,1720
V7	-35260,7575	3133093,2080
V8	-35388,2490	3132904,1670
V9	-35079,8300	3132696,1580
HERITAGE PGS 06		
VERTICE	Y	X
V10	-34999,5060	3133324,8950
VAAL GAMAGARA CONNECTION		
VERTICE	Y	X
V11	-34933,8550	3133337,5331
PIPELINE		
VERTICE	Y	X
P1	-34215,267	3132370,0760
P2	-34261,2340	3132472,6310
P3	-34202,1370	3132563,9040
P4	-34343,0130	3132655,1460
P5	-34385,4440	3132745,5930
P6	-34437,0970	3132831,2330
P7	-34505,0240	3132903,7760
P8	-34577,5120	3132972,6690
P9	-34649,9980	3133041,5620
P10	-34722,4840	3133110,4550
P11	-34794,9690	3133179,3510
P12	-34867,4530	3133248,2150
P13	-34939,9360	3133317,1100
P14	-35015,1520	3133382,8740
P15	-35095,3440	3133442,4340
P16	-35180,1310	3133495,4210
P17	-35264,9450	3133548,4080



CR TOWER COORDINATES		
	Y (m)	X (m)
GAUSS CONFORM Lo. 23° (WGS84)	-35995,9301	3131463,928

COORDINATES OF PLANT BOUNDARY REDSTONE		
POINT	Y (m)	X (m)
A	-34979.93	3130318.39
B	-36347.35	3129978.25
C	-38152.63	3130908.85
D	-38213.33	3131269.11
E	-38165.5	3131445.77
F	-37814.27	3131826.32
G	-37632.98	3132179.22
H	-37287.32	3132035.18
J	-37163.52	3132340.3
K	-36995.76	3132591.78
L	-36814.69	3132741.56
M	-36814.69	3132887.14
N	-36787.39	3132888.43
P	-36554.81	3132888.63
Q	-36361.36	3132964.44
R	-36160.62	3133008.9
S	-35385.03	3133009.43
T	-35339.05	3133087.62
U	-35135.9	3133431.58
V	-35072.65	3133388.43
W	-35013.38	3133339.23
Y	-34542.63	3132908.55
X	-34487.72	3132850.87
Z	-34440.44	3132785.487
A1	-34403.32	3132716.49
B1	-34232.33	3132337.91

- FLOODPLAINS (50M BUFFER)
- MOUNTAIN WOODLAND (50M BUFFER)
- NON-PERENNIAL STREAMS (15M BUFFER)
- ROCKY OUTCROPS (50M BUFFER)
- SHRUBVELD PLAINS
- WOODLAND PLAINS & HILLS (50MBUFFER)



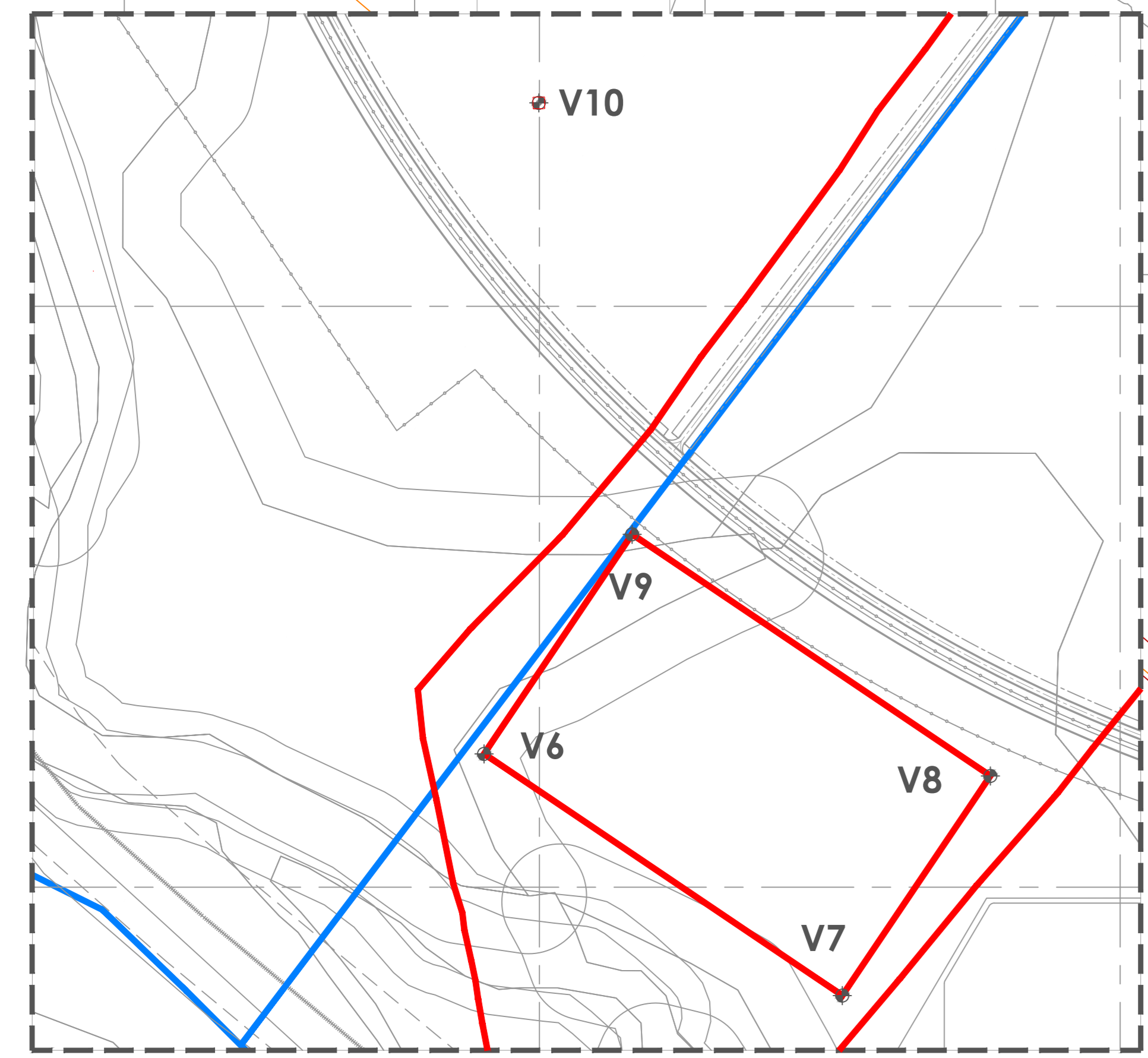
PROPRIETARY INFORMATION

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CONTAINS INFORMATION FOR THE DESIGN OF STRUCTURES SYSTEM OR COMPONENTS. YES  NO  VERIFICATION: NA  SUP.  VERIFIER L1  L2

OWNER <b>Acwa POWER</b> <b>SOLARRESERVE</b>	EPC CONTRACTOR <b>acciona</b>
PROJECT Concentrated Solar Power Redstone	
FORMAT <b>A0</b>	DRAWING TITLE GENERAL ARRANGEMENT
SCALE 1:7.500	DETA SUBMISSION REDSTONE LAYOUT
DRAWING N°	PROJECT N°
SUBCONTRACTOR N°	SHEET 1 OF 1

WORK COPY



DETAIL 2

DETAIL 2

DETAIL 3

DETAIL 1

POWER BLOCK & SOLAR RECEIVER TOWER  
X = 3131463,928

132kV UNDERGROUND INSULATED CABLE (DIRECT BURIED)

PERIMETRAL FENCE

SITE PERIMETER SECURITY ROAD

HELIOSTATS EXCLUSION ZONE (TYP)

EXTERNAL FENCE

INTERNAL RING ROAD

HELIOSTAT COLLECTOR FIELD  
X = 3131629,9184

BUFFER 50M

N=3130500

N=3131000

N=3131500

N=3132000

N=3132500

N=3133000

E=350500

E=350500

E=350500

E=350500

E=350500

E=350500

E=350500

E=350500

E=350500