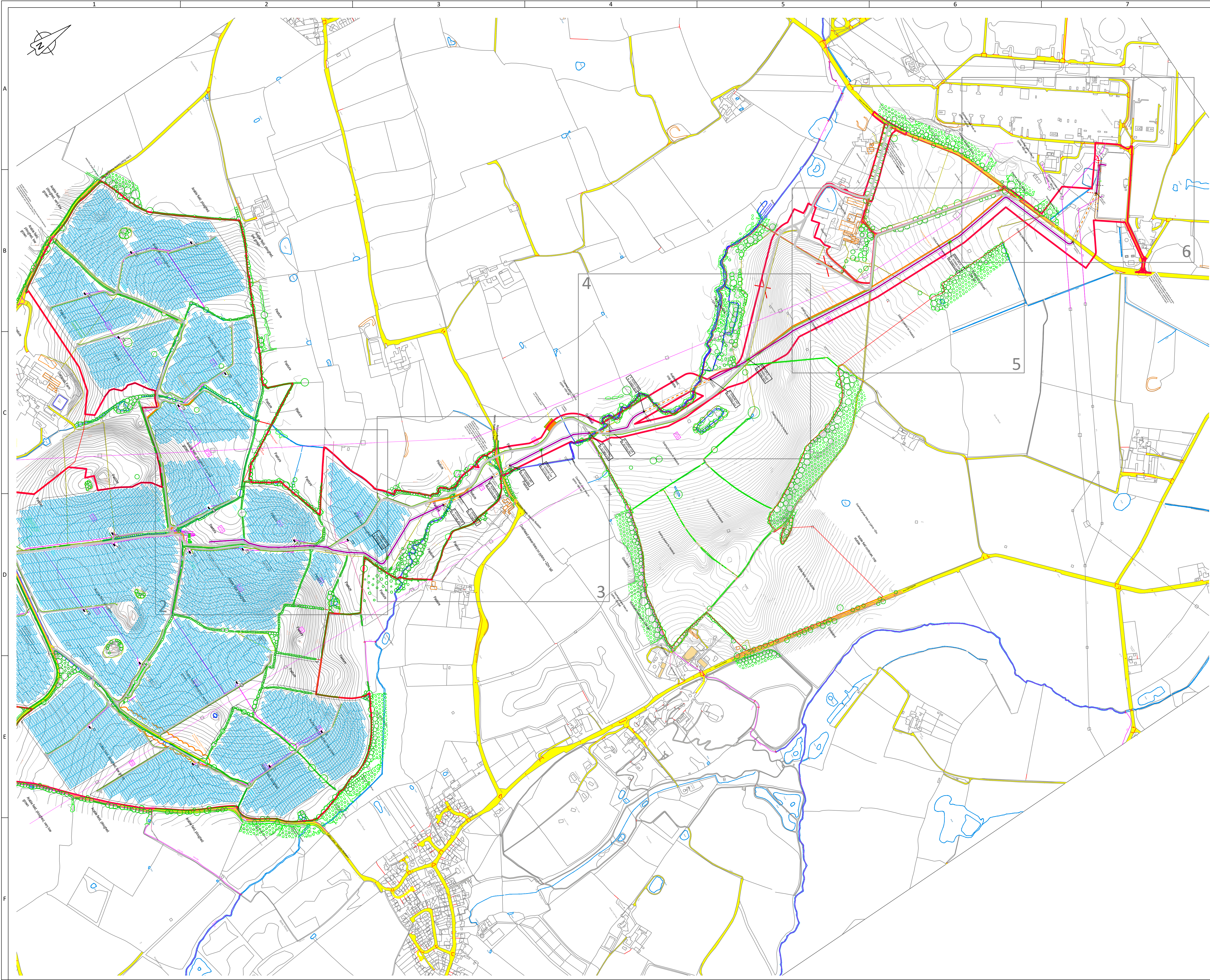




KEY

- HV CABLE
- OPTIONAL CABLE PATH FOR SAFETY
(TO AVOID WORKING DIRECTLY BELOW OHL)
- HDD PATH BASED OF HDD STUDY REPORT
- OPTIONAL HDD PATH FOR SAFETY
(TO AVOID WORKING DIRECTLY BELOW OHL)

REV	DESCRIPTION	A.P.	L.M.	R.R.	DATE
P05	HDD & 132 kV CABLE ROUTE UPDATED	A.P.	L.M.	R.R.	26/05/26
P04	JOINT BAY DETAILS ADDED	A.P.	L.M.	R.R.	16/01/26
P03	HDD SECTIONS ADDED LOCATION - SHEET 4	A.P.	L.M.	R.R.	04/01/26
P02	PROPOSED JOINT BAYS ADDED	C.E.	D.S.	L.M.	24/01/26
P01	PRELIMINARY ISSUE	A.P.	R.R.	D.S.	02/05/25
Issue	Description	Drawn	Checked	App'd	Date

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Project Title
OAKLAND SOLAR FARM

Drawing Title
**132/33 kV SITE COMPOUND
CABLE ROUTE OP1
SHEET KEY**

Scale 1:5000	Original Size A1	Issue P05
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Drawing No.
16243-301

Sheet
1 of **9**



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Project Title OAKLAND SOLAR FARM

OAKLAND SOLAR FARM

Drawing Title
132/33 kV SITE COMPOUND

CABLE ROUTE OP1

SHEET 2

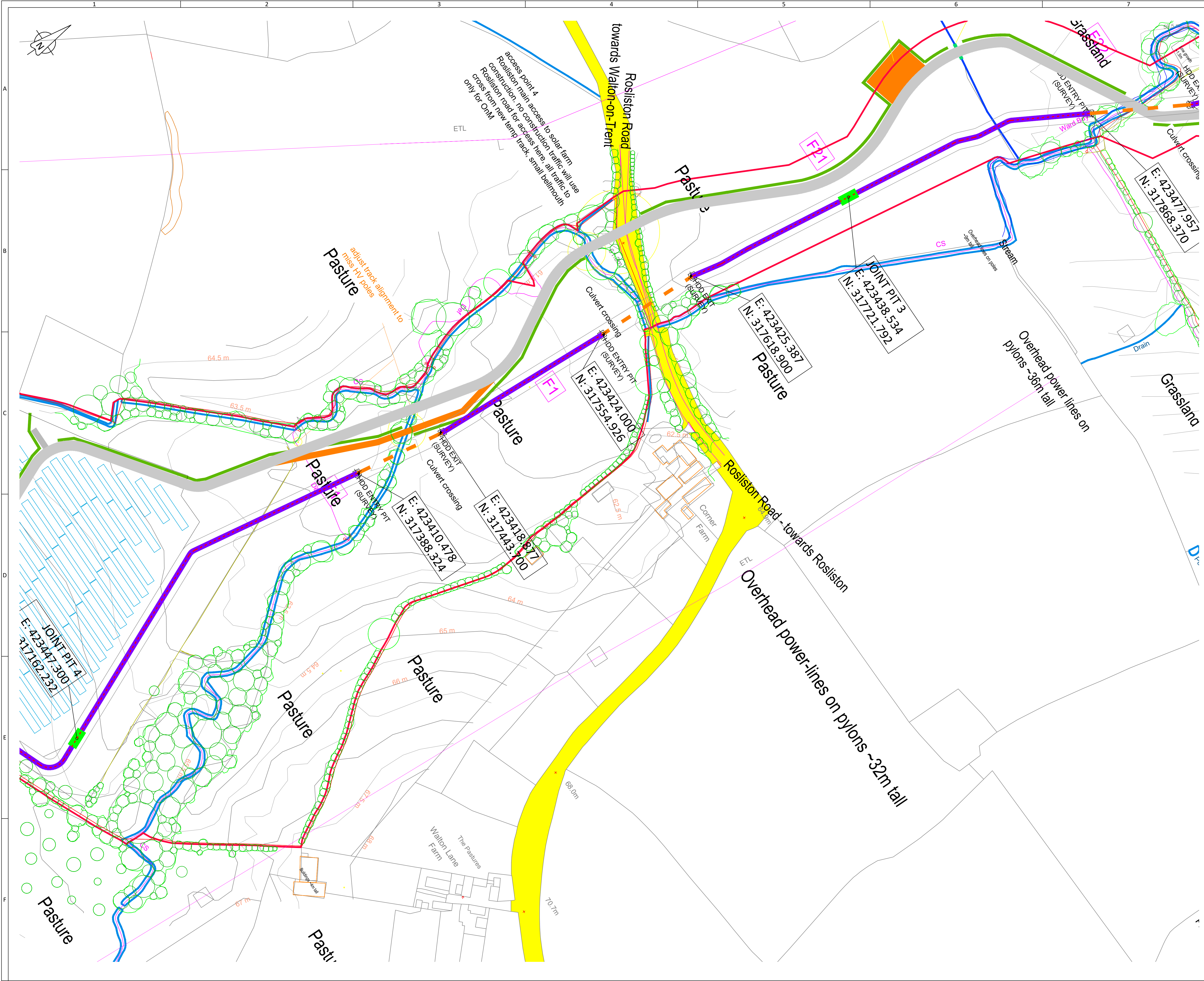
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1:1000	A1	P05
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Drawing No.	Sheet 2
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16243-301 of 301

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KEY

- HV CABLE
- HDD PATH BASED OF HDD STUDY REPORT

Rev	Description	By	Check	Date
001	HDD & 132 kV CABLE ROUTE UPDATED	A.P.	L.M.	06/05/20
002	JOINT BAY DETAILS ADDED	A.P.	L.M.	10/01/20
003	HDD SECTIONS ADDED LOCATION - SHEET 4	A.P.	L.M.	10/01/20
004	PROPOSED JOINT BAYS ADDED	C.E.	D.S.	04/03/20
005	PRELIMINARY ISSUE	A.P.	R.S.	02/05/20

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Project Title: OAKLAND SOLAR FARM

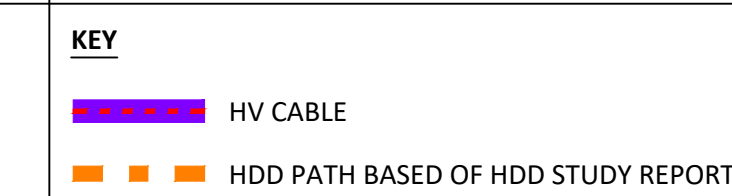
Drawing Title: 132/33 kV SITE COMPOUND CABLE ROUTE OP1 SHEET 3

Scale: 1:1000 Original Size: A1 Issue: P05

Drawing No.: 16243-301

Sheet 3 of 9

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Project Title	
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OAKLAND SOLAR FARM

Drawing Title

132/33 kV SITE COMPOUND
CABLE ROUTE 001

CABLE ROUTE OP1
SHEET 4

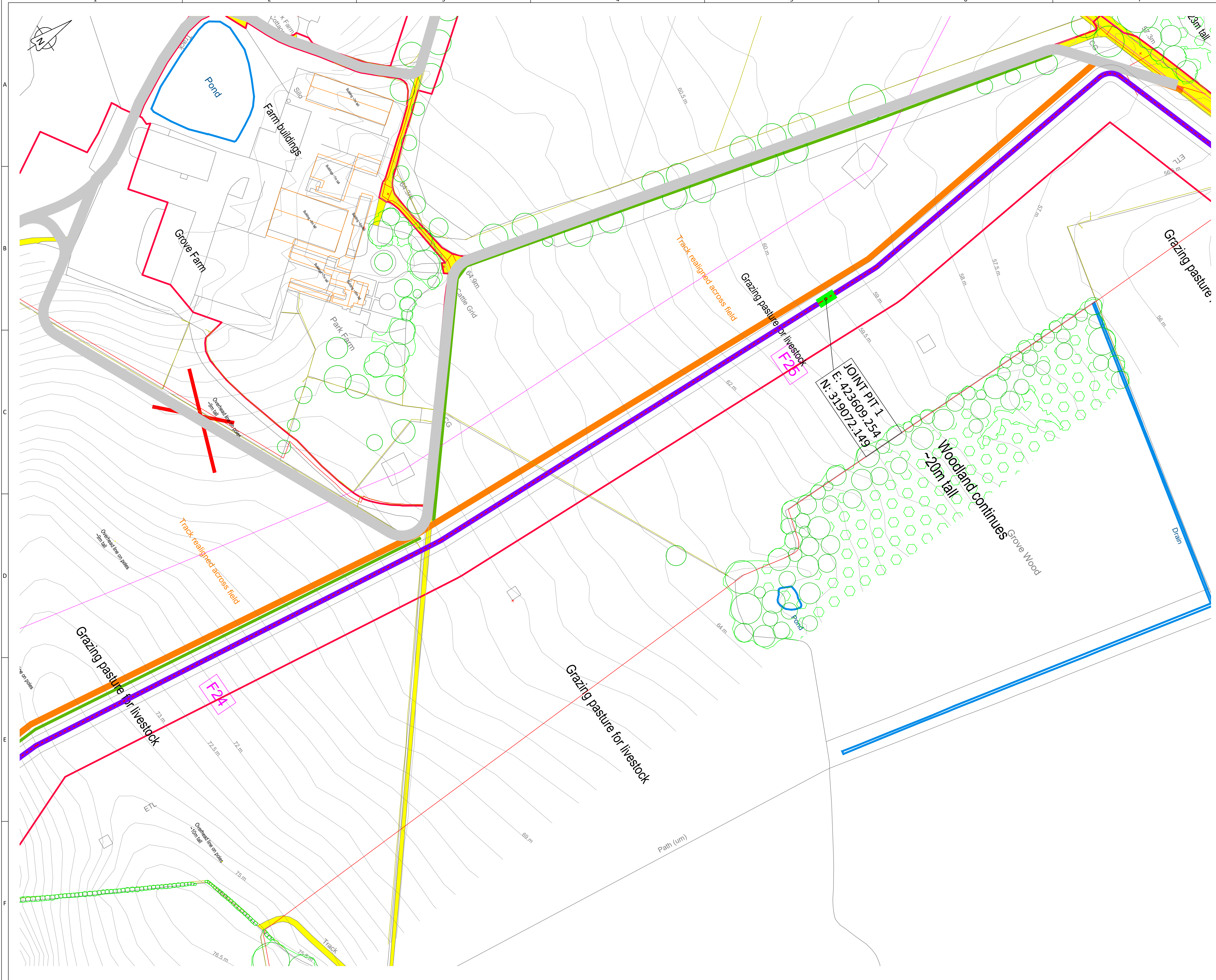
SHEET 4		
Scale	Original Size	Issue

Scale	Original size	Issue
1:1000	A1	P05

Drawing No.	Sheet
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16243-301 4 of 4

10243-301	9
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KEY
HV CABLE

REV	DESCRIPTION	DATE	BY	CHKD	APP'D
P01	132/33 kV CABLE ROUTE UPDATED	06/05/24	A.P.	L.M.	R.S.
P02	JOINT BAY DETAILS ADDED	16/01/24	A.P.	L.M.	R.S.
P03	HDS SECTIONS ADDED LOCATION - SHEET 4	04/01/24	C.E.	D.S.	L.M.
P04	PROPOSED JOINT BAYS ADDED	02/01/24	A.P.	R.S.	D.S.
P05	PRELIMINARY ISSUE	02/01/24	A.P.	R.S.	D.S.

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Registered Number 1334161

Project Title
OAKLAND SOLAR FARM

Drawing Title
**132/33 kV SITE COMPOUND
CABLE ROUTE OP1
SHEET 5**

Scale
1:1000

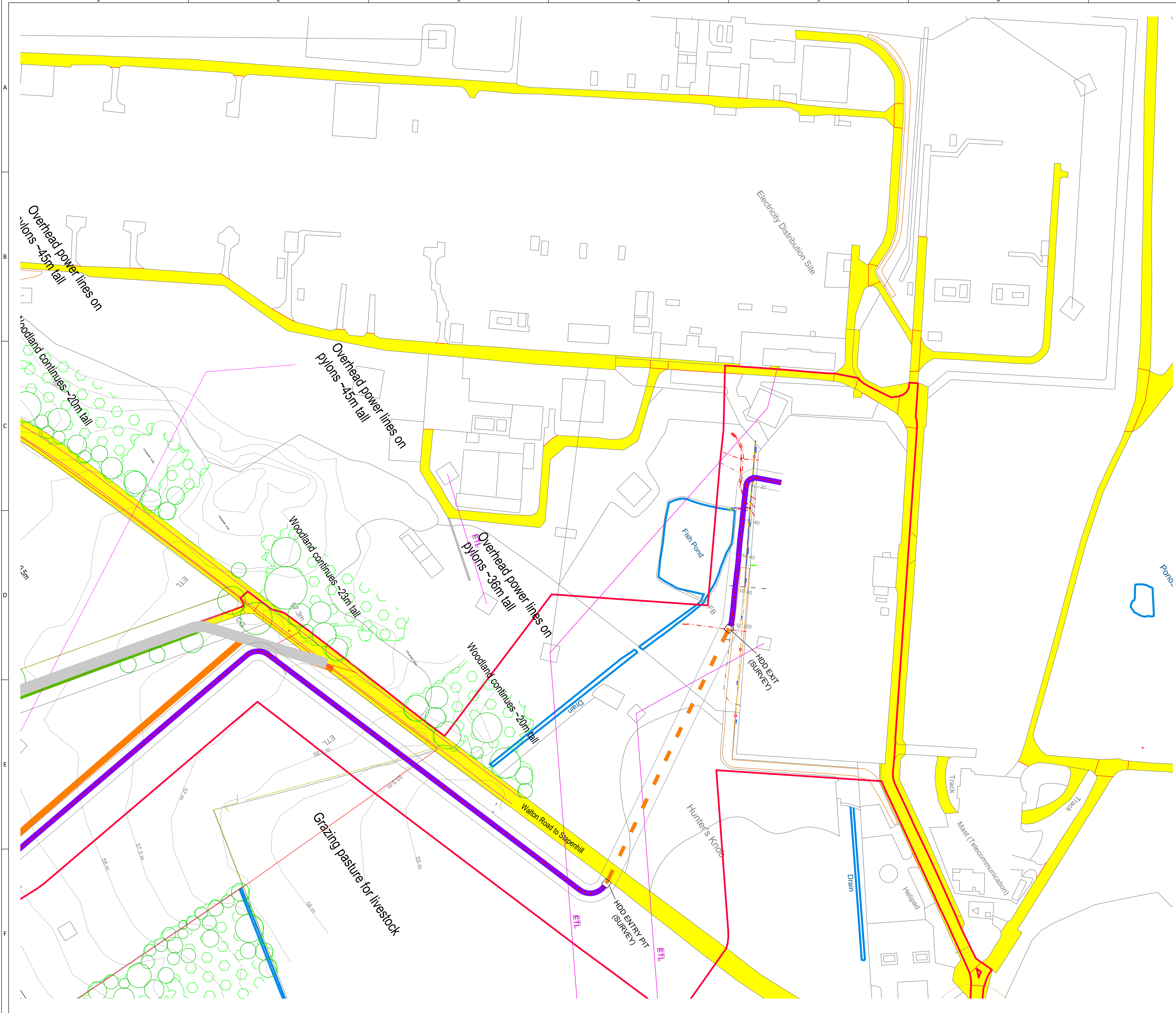
Original Size
A1

Issue
P05

Drawing No.
16243-301

Sheet
5
of
9

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KEY

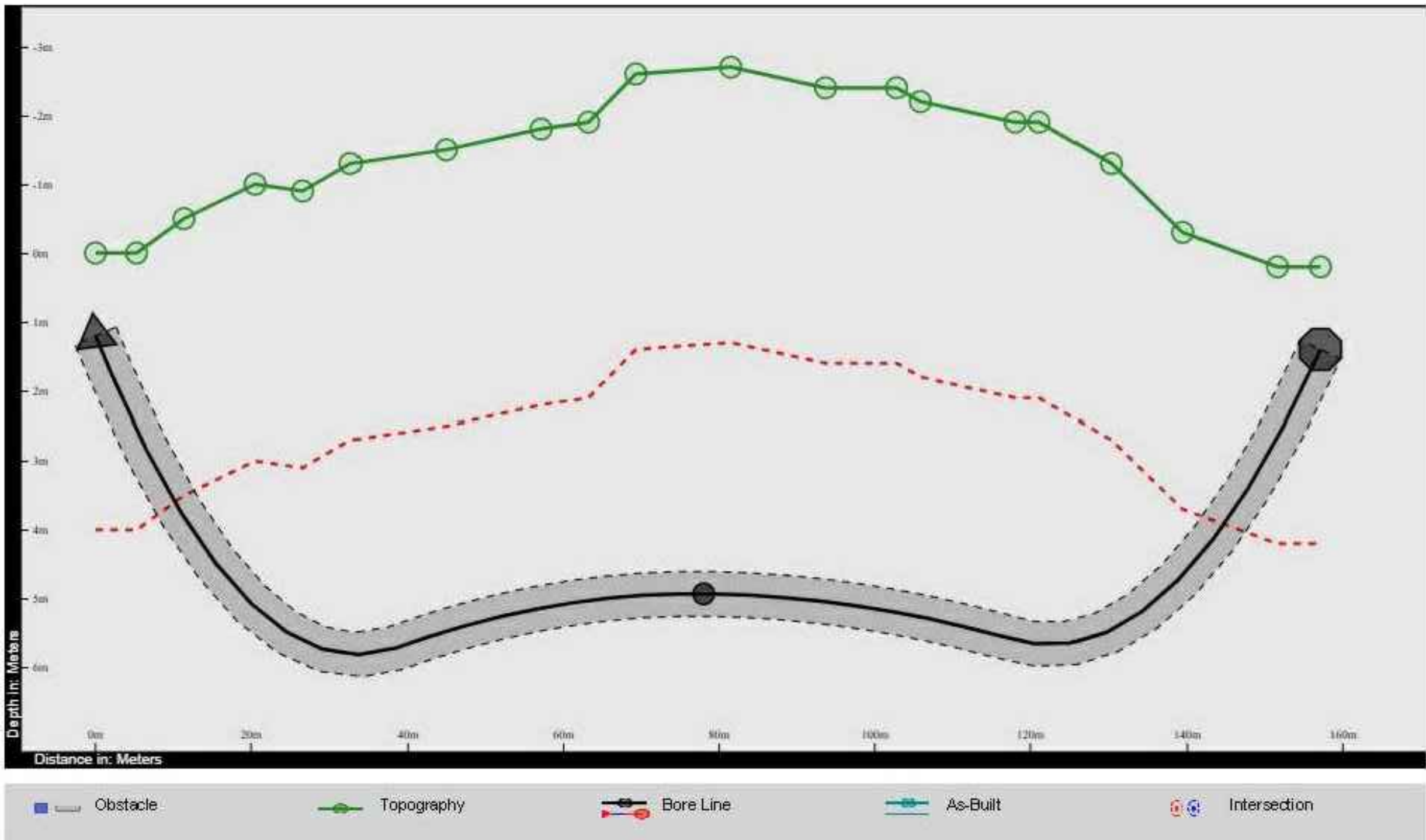
- HV CABLE
- OPTIONAL CABLE PATH FOR SAFETY (TO AVOID WORKING DIRECTLY BELOW OHL)
- OPTIONAL HDD PATH FOR SAFETY (TO AVOID WORKING DIRECTLY BELOW OHL)
- HDD PATH BASED OF HDD STUDY REPORT

HDD ROAD CROSSINGS	
Chainage Reference (M)	Coordinate Value
ENTRY PIT (0)	423789,319367
10	423785,319376
20	423782,319386
30	423778,319395
40	423775,319404
50	423771,319414
60	423768,319423
70	423764,319432
80	423761,319442
90	423757,319451
100	423753,319460
110	423750,319470
120	423746,319479 PROXIMITY TO HV CABLE 18.9m
130	423743,319488 PROXIMITY TO HV CABLE 14.2m
140	423739,319498 PROXIMITY TO HV CABLE 9.5m
150	423736,319507 PROXIMITY TO HV CABLE 3m
EXIT PIT (157.1)	423733,319514 PROXIMITY TO HV CABLE 0.5m

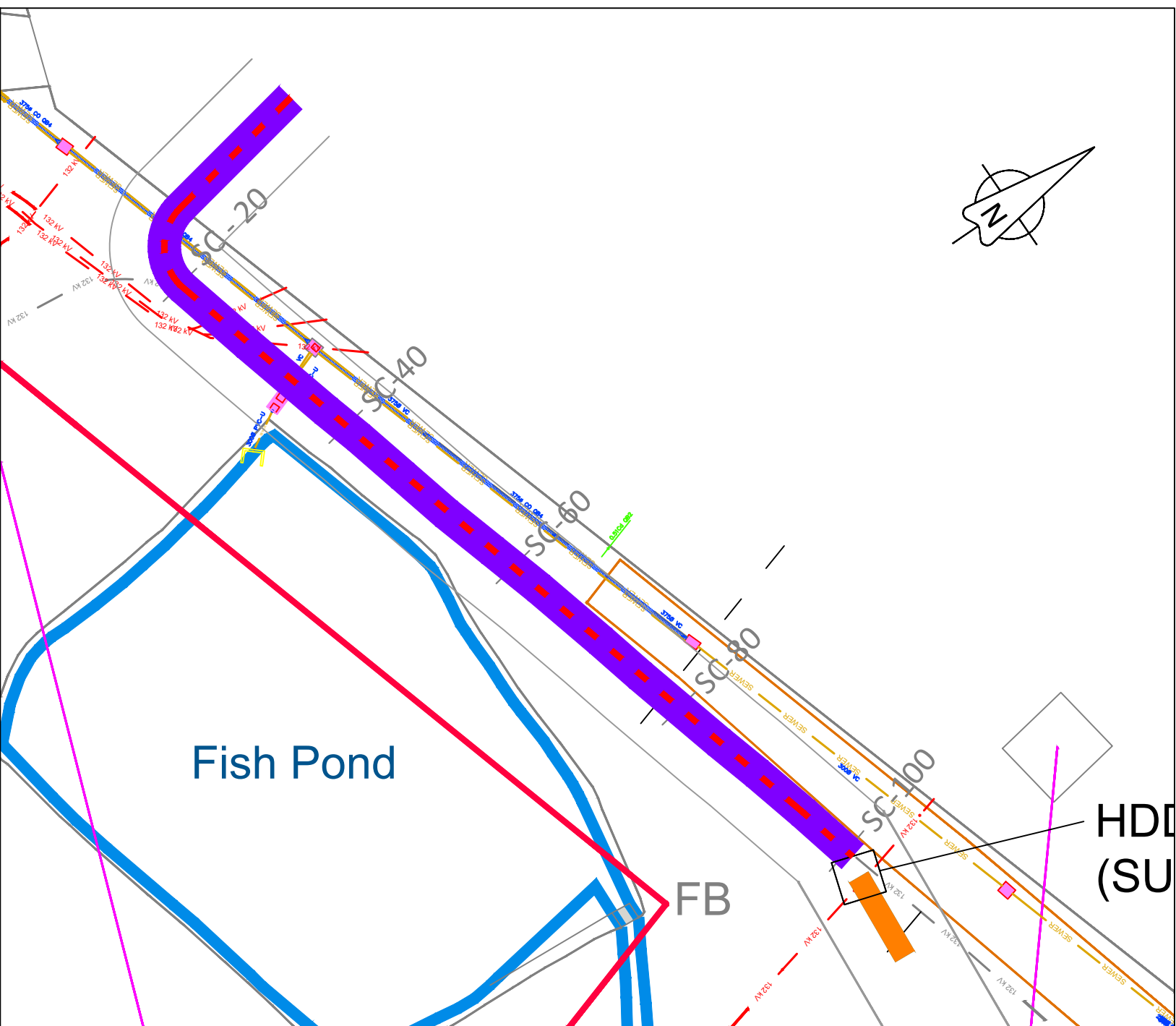
REV	DESCRIPTION	DATE	BY	CHKD	APP'D
P01	HDD & 132 kV CABLE ROUTE UPDATED	25/06/24	A.P.	L.M.	R.S.
P02	JOINT BAY DETAILS ADDED	16/01/24	A.P.	L.M.	R.S.
P03	HDD SECTIONS ADDED LOCATION - SHEET 4	24/01/24	A.P.	L.M.	R.S.
P04	PROPOSED JOINT BAYS ADDED	24/01/24	A.P.	L.M.	R.S.
P05	PRELIMINARY ISSUE	20/02/24	A.P.	L.M.	R.S.

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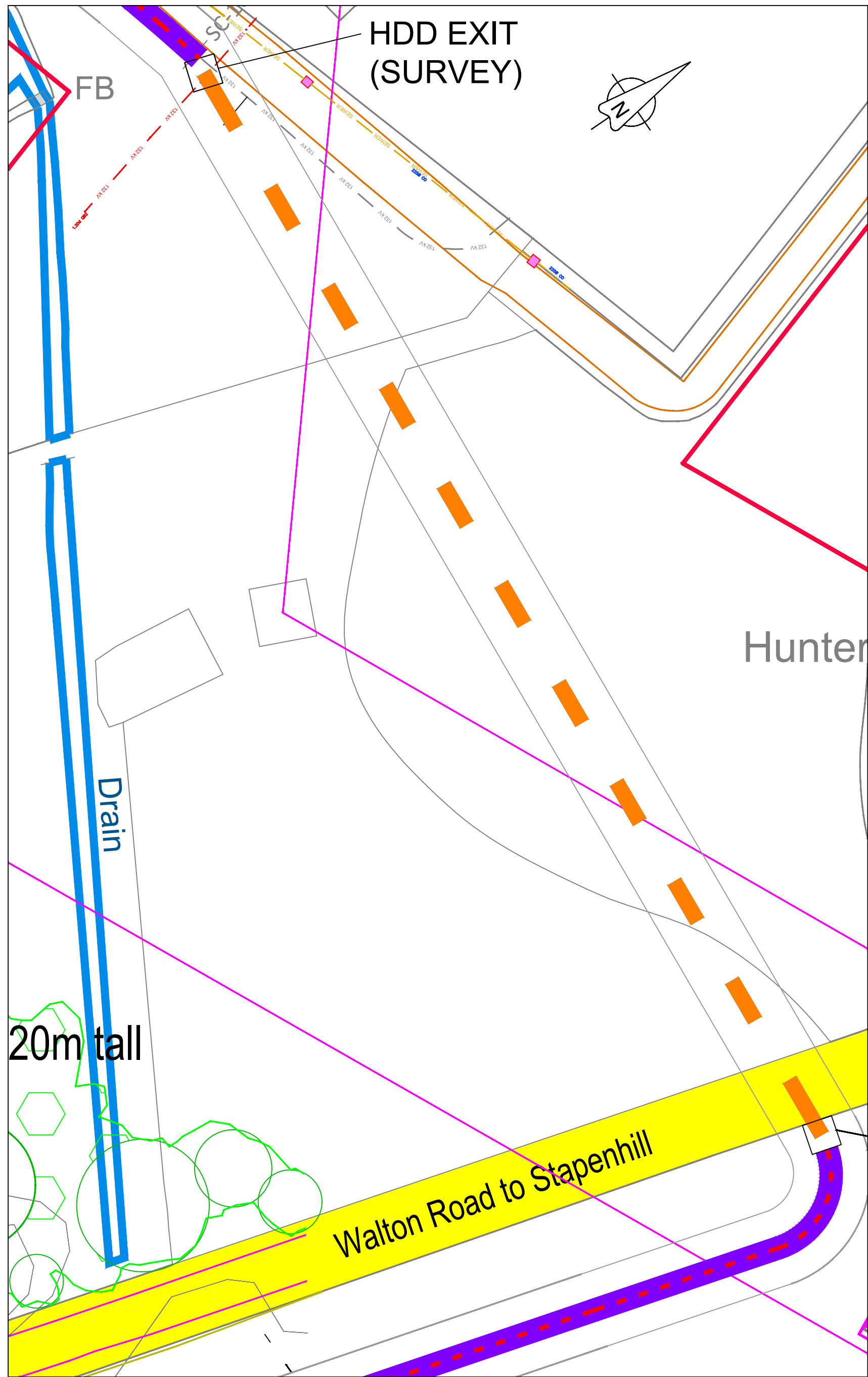
Project Title	OAKLAND SOLAR FARM		
Drawing Title	132/33 kV SITE COMPOUND CABLE ROUTE OP1 SHEET 6		
Scale	1:1000	Original Size	A1
Drawing No.	16243-301	Issue	P05
			Sheet 6 of 9



DIRECTIONAL DRILL PROFILE EXTRACT
(FROM VERMEER DESIGN REPORT)



CABLE ROUTE PROXIMITY TO EXISTING SERVICES
(SHOWING CHAINAGE REFERENCE) SCALE 1:500
SEE SHEET 8 & 9 FOR SECTIONS



HDD DRILL LOCATION PLAN VIEW
(SHOWING CHAINAGE REFERENCE)
SCALE 1:500

CABLE INSTALLATION PROXIMITY TO SERVICES	
Chainage Reference (Services Clearance)	Coordinate Value
SUBSTATION ENTRY	423681,319585
SC-20	423672,319570: TO HV CABLE 2430, TO WATER PIPE 1050
SC-40	423688,319557: TO HV CABLE 2600, TO WATER PIPE 1170
SC-60	423703,319544: TO HV CABLE 2900, TO WATER PIPE 1880
SC-80	423719,319532: TO HV CABLE 3450, TO WATER PIPE 2160
SC-100	423732,319517: TO HV CABLE 410, TO WATER PIPE 5700
HDD EXIT PIT	423733,319514

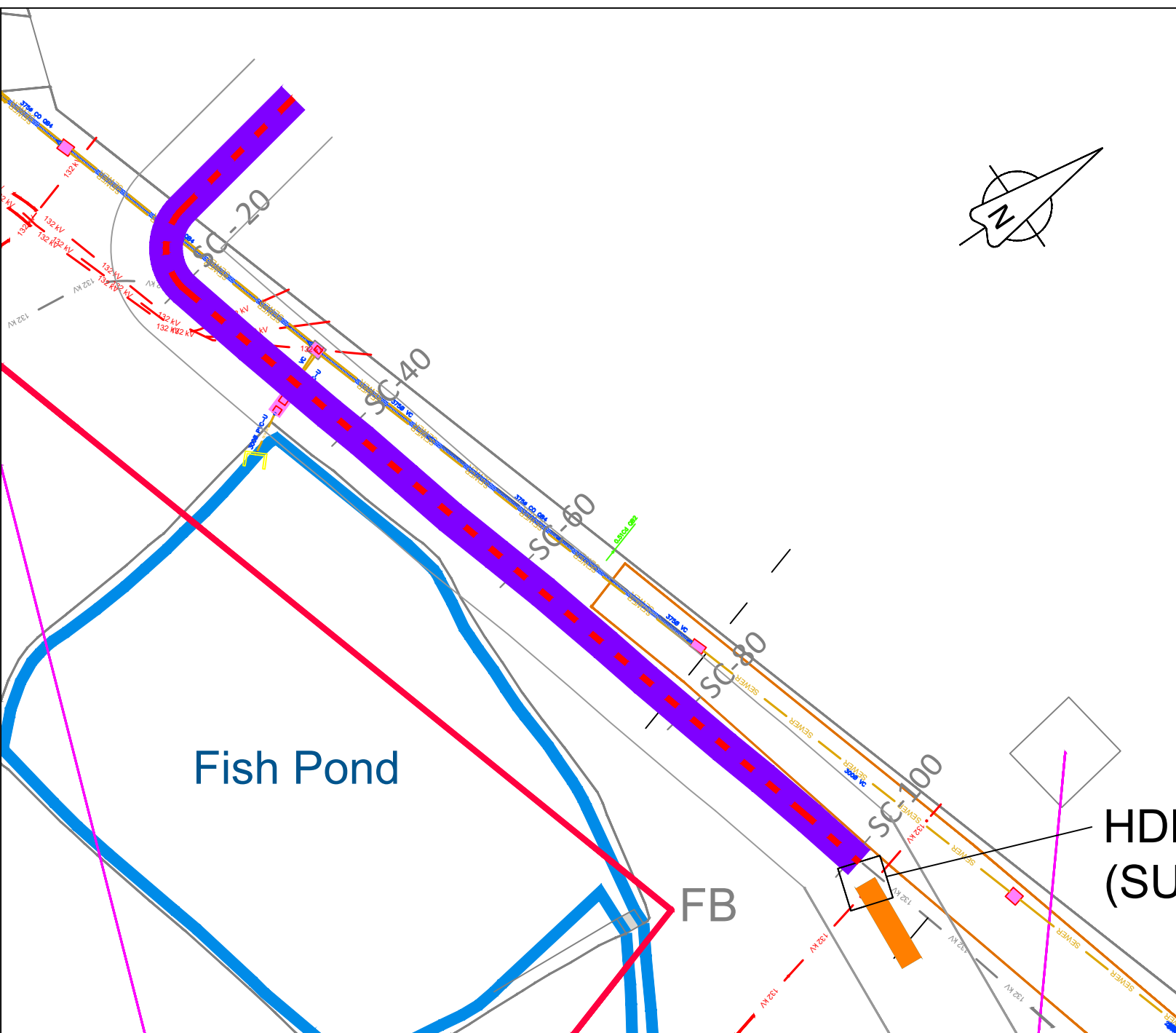
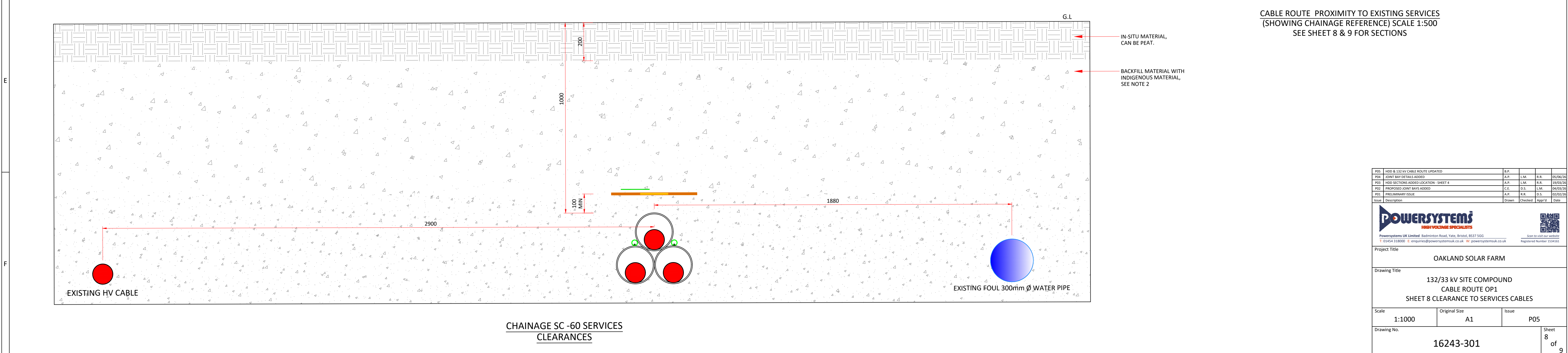
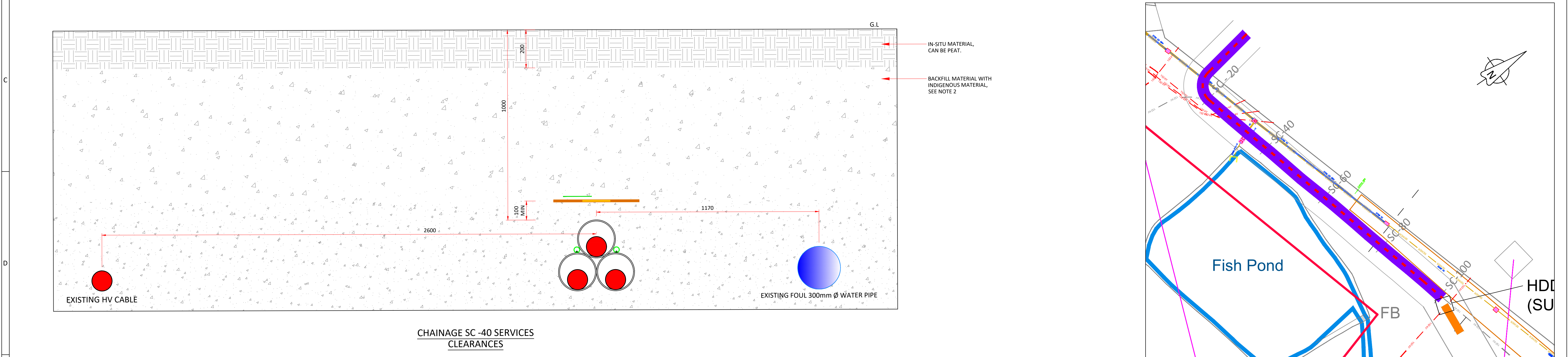
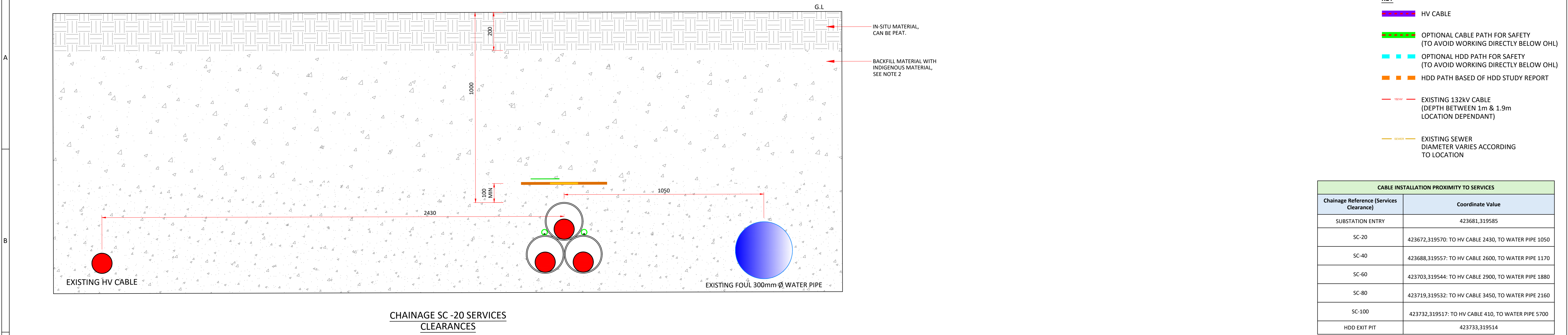
HDD ROAD CROSSINGS	
Chainage Reference (M)	Coordinate Value
ENTRY PIT (0)	423789,319367
10	423785,319376
20	423782,319386
30	423778,319395
40	423775,319404
50	423771,319414
60	423768,319423
70	423764,319432
80	423761,319442
90	423757,319451
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110	423750,319470
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130	423743,319488 PROXIMITY TO HV CABLE 14.2m
140	423739,319498 PROXIMITY TO HV CABLE 9.5m
150	423736,319507 PROXIMITY TO HV CABLE 3m
EXIT PIT (157.1)	423733,319514 PROXIMITY TO HV CABLE 0.5m

- KEY
- HV CABLE
 - OPTIONAL CABLE PATH FOR SAFETY (TO AVOID WORKING DIRECTLY BELOW OHL)
 - HDD PATH FOR SAFETY (TO AVOID WORKING DIRECTLY BELOW OHL)
 - EXISTING 132kV CABLE (DEPTH BETWEEN 1m & 1.9m LOCATION DEPENDANT)
 - EXISTING SEWER DIAMETER VARIES ACCORDING TO LOCATION

REV	DESCRIPTION	DATE	BY	CHKD	APP'D
001	HDD & 132 kV CABLE ROUTE UPDATED	15/06/20	A.P.	L.M.	R.S.
002	JOINT BAY DETAILS ADDED	16/06/20	A.P.	L.M.	R.S.
003	HDD SECTIONS ADDED LOCATION - SHEET 4	16/06/20	A.P.	L.M.	R.S.
004	PROPOSED JOINT BAYS ADDED	24/03/20	C.E.	D.S.	L.M.
005	PRELIMINARY ISSUE	02/03/20	A.P.	R.S.	D.S.



Project Title		OAKLAND SOLAR FARM	
Drawing Title		132/33 kV SITE COMPOUND CABLE ROUTE OP1 SHEET 7 CLEARANCE TO SERVICES CABLES	
Scale	1:1000	Original Size	A1
Drawing No.	16243-301	Issue	P05
Sheet		7 of 9	



CABLE ROUTE PROXIMITY TO EXISTING SERVICES
(SHOWING CHAINAGE REFERENCE) SCALE 1:500
SEE SHEET 8 & 9 FOR SECTIONS

