

DO NOT SCALE, IF IN DOUBT ASK. DO NOT INTERROGATE CAD BASE

DRAINAGE NOTES:

1. THIS DRAWING HAS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS & ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. FOR DRAINAGE DETAILS REFER TO DRAWING PXXXXX.
3. FOR LOCATION OF ALL R.W.P.s & INTERNAL POP-UPS REFER TO ARCHITECTS DRAWING. ALL DOWN PIPES TO BE FITTED WITH ACCESS HANDHOLES ABOVE F.F.L. OR GROUND LEVEL.
4. ALL GULLY CONNECTIONS TO BE 1500 U.N.O. ALL S.V.P. CONNECTIONS TO BE MINIMUM 1000 OR TO MATCH S.V.P. DOWNPIPE IF GREATER. ALL R.W.P. CONNECTIONS TO BE 1500 OR TO MATCH R.W.P. DOWNPIPE.
5. ALL PIPES UP TO 4500 TO BE UPVC PIPES. PIPES GREATER THAN 4500 TO BE CONCRETE.
6. PIPES UNDER ROADS HAVING 1200mm OR LESS COVER ARE TO BE ENCASED IN CONCRETE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
7. MANHOLE COVER LEVELS ARE INDICATIVE AND SHOULD BE SET TO SUIT FINISHED ROAD LEVEL AND CAMBER.
8. ALL EXTERNAL MANHOLES WITHIN ROADS TO BE FITTED WITH LOADCLASS D400 COVERS U.N.O. ALL EXTERNAL MANHOLES WITHIN SOFT LANDSCAPING TO BE FITTED WITH LOADCLASS B125 COVERS U.N.O. ALL IN ACCORDANCE WITH BS EN 124:2015 (ALL PARTS).
9. INVERT LEVELS OF EXISTING DRAINS AND MANHOLES TO BE CONFIRMED ON SITE PRIOR TO COMMENCING OPERATIONS. NO EXISTING SEWER MANHOLE TO BE OPENED OR ENTERED WITHOUT THE PERMISSION OF THE LOCAL AUTHORITY DRAINAGE DEPARTMENT AND THE ATTENDANCE OF SEWER PERSON AS REQUIRED.
10. DRAINAGE DESIGN AND INSTALLATION TO BE TO THE SATISFACTION OF THE LOCAL BUILDING CONTROL DEPARTMENT AND TO COMPLY WITH BS EN 752:2017, BS EN 1610:2015, BS EN 12056-1:2000, BS EN 12056-2:2000 and BS EN 12056-3:2000.
11. ADOPTABLE DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF 'SEWERS FOR ADOPTION'.
12. ALL SUDS COMPONENTS TO BE MAINTAINED IN ACCORDANCE WITH CIRIA C 768.
13. SURFACE WATER ATTENUATION GRATES TO BE WAVIN AQUACELL PLUS OR SIMILAR APPROVED. TO BE INSTALLED IN LINE WITH MANUFACTURES SPECIFICATION.

SURFACE WATER ATTENUATION

PROPOSED IMPERMEABLE AREA: 3700m² (0.370Ha)
EXISTING IMPERMEABLE AREA: 1580m² (0.158 Ha)
SITE AREA: 8580m² (0.858 Ha)
EXISTING SW RUN-OFF: 2.78 x 0.158 x 50 = 22.0 L/S
DISCHARGE RATE: 22.0 L/S - 30% = 15.4 L/S
CELLULAR TANK DIMENSIONS: 30m x 6m x 0.8m x 0.95 = 136.8m³
STORM EVENT: 1 IN 100YR + 40% CLIMATE CHANGE

CDM NOTES

1. ACCESS AND EGRESS TO THE SITE FROM BUSY ROAD.
2. POTENTIAL GROUND INSTABILITY IN DEEP EXCAVATIONS
3. NO HEAVY PLANT OR STOCK PILES PERMITTED OVER OR WITHIN 3m OF THE CONSTRUCTED TANK.
4. TANK TO BE FULLY PROTECTED FROM SILT AND DEBRIS INGRESS DURING CONSTRUCTION, AND TO BE INSPECTED AND MAINTAINED DURING OPERATION AS DETAILED ABOVE.
5. TANKS NOT DESIGNED TO RESIST UPLIFT UNTIL FULLY BACKFILLED.
6. EXISTING SERVICES IDENTIFIED ON SITE.
7. ADEQUATE SEGREGATION REQUIRED TO SEPARATE PUBLIC FROM THE CONSTRUCTION SITE.
8. ADEQUATE MEASURES REQUIRED TO CONTROL NOISE, DUST, FUMES & VIBRATION.
9. POTENTIAL HOT SPOT CONTAMINATION DUE TO PREVIOUS SITE USE.
10. THE SITE LIES WITHIN FLOOD ZONE 3 ASSOCIATED WITH COASTAL FLOODING.
11. THE APPLICATION SITE IS LOCATED WITHIN AN ENVIRONMENT AGENCY FLOOD WARNING AREA - REFER TO THE FLOOD WARNING AND EVACUATION PLAN FOR APPROPRIATE ACTIONS TO BE TAKEN IN THE EVENT OF A FLOOD ALERT OR FLOOD WARNING BEING ISSUED.

REV.	DATE.	REVISION.	BY.	CHK.
-	-	FIRST ISSUE.	PH	NB
-	-			

Euro Garages Ltd

Proposed PFS & Drive Through Restaurant
181 Havant Road, Hayling Island

Drainage Layout Plan

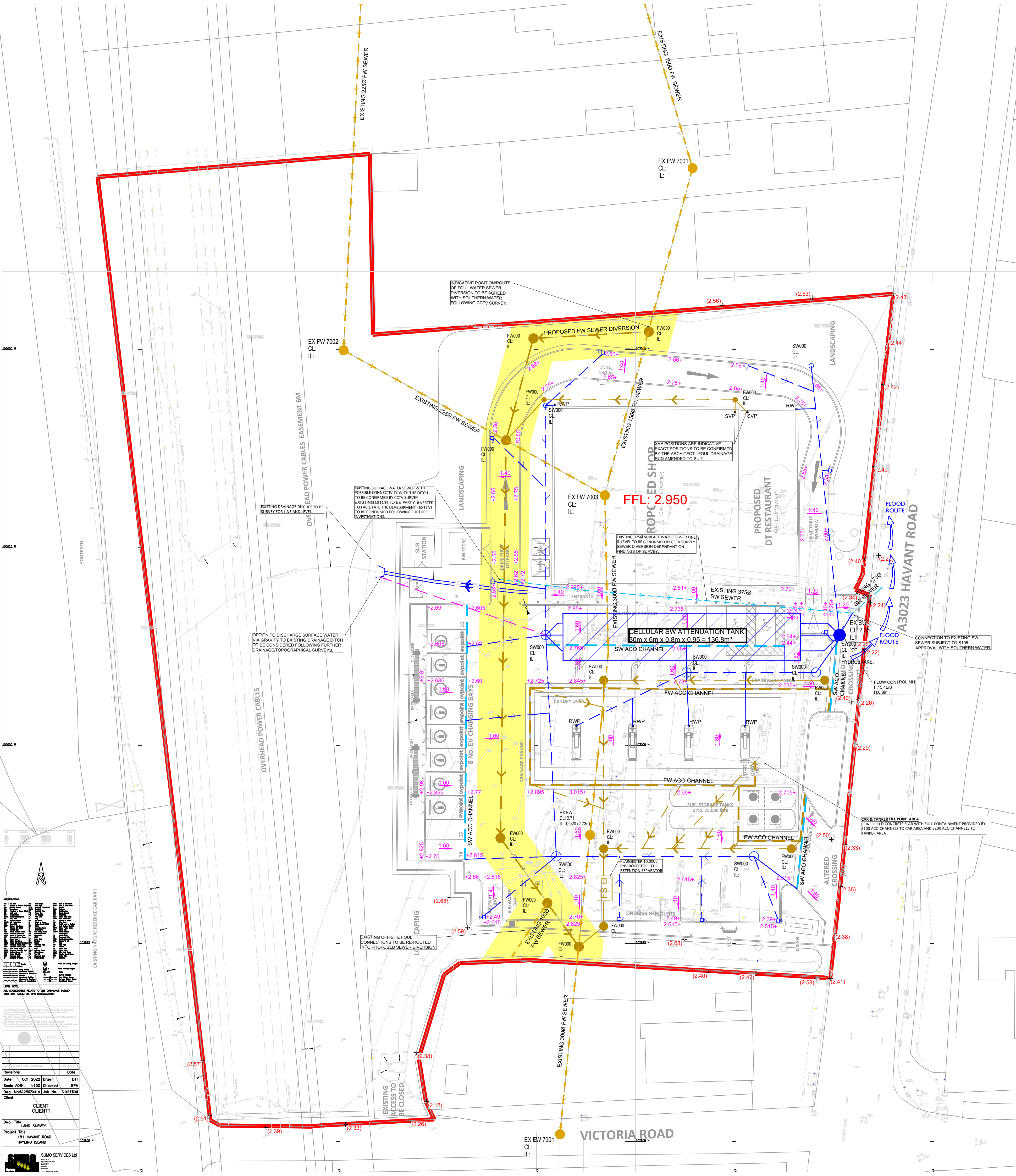
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PLANNING

DATE CREATED:	March, '23'	SCALE:	1:250 @ A1
CONTRACT No:	P15653	DRAWING No:	500
REV:	-		



Revisions

1

Rev A

01/10/2023

2

Rev B

01/10/2023

3

Rev C

01/10/2023

4

Rev D

01/10/2023

5

Rev E

01/10/2023

6

Rev F

01/10/2023

7

Rev G

01/10/2023

8

Rev H

01/10/2023

9

Rev I

01/10/2023

10

Rev J

01/10/2023

11

Rev K

01/10/2023

12

Rev L

01/10/2023

13

Rev M

01/10/2023

14

Rev N

01/10/2023

15

Rev O

01/10/2023

16

Rev P

01/10/2023

17

Rev Q

01/10/2023

18

Rev R

01/10/2023

19

Rev S

01/10/2023

20

Rev T

01/10/2023

21

Rev U

01/10/2023

22

Rev V

01/10/2023

23

Rev W

01/10/2023

24

Rev X

01/10/2023

25

Rev Y

01/10/2023

26

Rev Z

01/10/2023

27

Rev AA

01/10/2023

28

Rev AB

01/10/2023

29

Rev AC

01/10/2023

30

Rev AD

01/10/2023

31

Rev AE

01/10/2023

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Rev AF

01/10/2023

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Rev AG

01/10/2023

34

Rev AH

01/10/2023

35

Rev AI

01/10/2023

36

Rev AJ

01/10/2023

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Rev AK

01/10/2023

38

Rev AL

01/10/2023

39

Rev AM

01/10/2023

40

Rev AN

01/10/2023

41

Rev AO

01/10/2023

42

Rev AP

01/10/2023

43

Rev AQ

01/10/2023

44

Rev AR

01/10/2023

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Rev AS

01/10/2023

46

Rev AT

01/10/2023

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Rev AU

01/10/2023

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Rev AV

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Rev AW

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Rev AX

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Rev AY

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Rev AZ

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Rev BA

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Rev BB

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Rev BZ

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Rev CA

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Rev CB

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Rev CC

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Rev CD

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Rev CE

01/10/2023

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Rev CF

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Rev CG

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Rev CH

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Rev CI

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Rev CJ

01/10/2023

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Rev CK

01/10/2023

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Rev CL

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Rev CM

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Rev CN

01/10/2023

93

Rev CO

01/10/2023

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Rev CP

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Rev CR

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Rev CZ

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Rev DA

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Rev DB

01/10/2023

107

Rev DC

01/10/2023

108

Rev DD

01/10/2023

109

Rev DE

01/10/2023

110

Rev DF

01/10/2023

111

Rev DG

01/10/2023

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Rev DH

01/10/2023

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Rev DI

01/10/2023

114

Rev DJ

01/10/2023

115

Rev DK

01/10/2023

116

Rev DL

01/10/2023

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Rev DM

01/10/2023

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Rev DN

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Rev DO

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Rev DP

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Rev DQ

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Rev EQ

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Rev ER

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Rev ET

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Rev EU

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Rev EV

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Rev EY

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Rev EZ

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Rev FA

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Rev FB

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Rev FC

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Rev FD

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Rev FE

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Rev FF

01/10/2023

163

Rev FG

01/10/2023

164

Rev FH

01/10/2023

165

Rev FI

01/10/2023

166

Rev FJ

01/10/2023

167

Rev FK

01/10/2023

168

Rev FL

01/10/2023

169

Rev FM

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170

Rev FN

01/10/2023

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Rev FO

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Rev FP

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Rev FQ

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Rev FR

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Rev FS

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Rev IE

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Rev IG

01/10/2023

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Rev IH

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Rev IS

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Rev IT

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Rev IV

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Rev IW

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Rev IX

01/10/2023

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Rev IY

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Rev JA

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Rev JC

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Rev JD

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Rev JE

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Rev JF

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Rev JG

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Rev JH

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Rev JI

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Rev JJ

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01/10/2023

363

Rev MY

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Rev MZ

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Rev NA

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366