A0

DO NOT SCALE

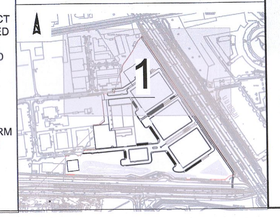
SPECIFIC NOTES:

1. STORM WATER DRAINAGE ATTENUATION DESIGNED FOR 1 IN 100 YEAR EVENT.
   MAXIMUM STORED VOLUME OF WATER (100YR) = 3090m³
2. ATTENUATION AREA DISCHARGE CONTROLLED BY HYDROBREAKS
3. REFER TO STANDARD CONSTRUCTION DETAILS FOR DRAINAGE INFRASTRUCTURE & PAVEMENT DETAILS.
4. THE SURFACE WATER DRAINAGE NETWORK IS TO BE DESIGNED AND CONSTRUCTED IN COMPLIANCE WITH THE DoEHLG RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS, THE 'GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS VERSION 6.0'.
5. NO SURFACE WATER/RAINWATER TO DISCHARGE INTO THE FOUL SEWER SYSTEM UNDER ANY CIRCUMSTANCES.
6. ALL RWP, GULLY AND CHANNEL DRAIN CONNECTIONS TO THE MAIN SURFACE WATER DRAINAGE SYSTEM ARE TO BE ACHIEVED VIA DIRECT CONNECTION TO THE MANHOLE AT LEVELS SOFFITS OR VIA SADDLE CONNECTION TO THE STORM SEWER PIPE.
7. ALL GULLIES TO HAVE SEPARATE 150Ø CONNECTIONS TO THE STORM DRAINAGE NETWORK.
8. GULLIES TO BE LOCATED AT LOW POINTS IN ROAD OR POSTIONED AT A MAXIMUM OF 35M APART.
9. SEE ARCHITECTS/M&E DRAWING FOR ROOF RUN-OFF CONNECTIONS TO STORM DRAINAGE.
10. DRAINAGE CHANNELS AND GRATES LOCATED IN PEDESTRIAN AREAS TO BE SUITABLE FOR HIGH HEEL TRAFFIC.
11. ALL STORM LINE UNDER THE ROADS / PAVED AREAS WHERE COVER IS 1.2m OR LESS SHELL BE LAID ON A BED OF CONCRETE AND SURROUNDED WITH CONCRETE.
12. ALL STORM LINES UNDER GRASS AREAS WHERE COVER IS LESS THAN 0.9m SHALL BE LAID ON A BED OF CONCRETE AND SURROUND WITH CONCRETE.
13. DRAINAGE CHANNELS TO ALL LEVEL ACCESS POINTS AT DOOR OPENNINGS TO DISCHARGE TO ADJACENT MANHOLE TO ARCHITECT DETAILS.
14. SEE ARCHITECT / M&E DRAWINGS FOR ALL INTERNAL DRAINAGE DETAILS AND CONNECTIONS TO PROPOSED STORM LINE.

NOTE: INTERCEPTOR TRENCH, SILT FENCE AND 2 SETTLEMENT PONDS INSTALLED AS PART OF EW CONTRACT AND NOT TO BE INCLUDED FOR IN THIS PROJECT. INCLUDED FOR IN THIS PROJECT IS THE REMOVAL OF THE SETTLEMENT PONDS ON COMPLETION OF THE WORKS AND ALLOWANCE TO TIE THE INTERCEPTOR TRENCH INTO THE GALLANSTOWN STREAM. TO BE AGREED WITH INLAND FISHERIES.

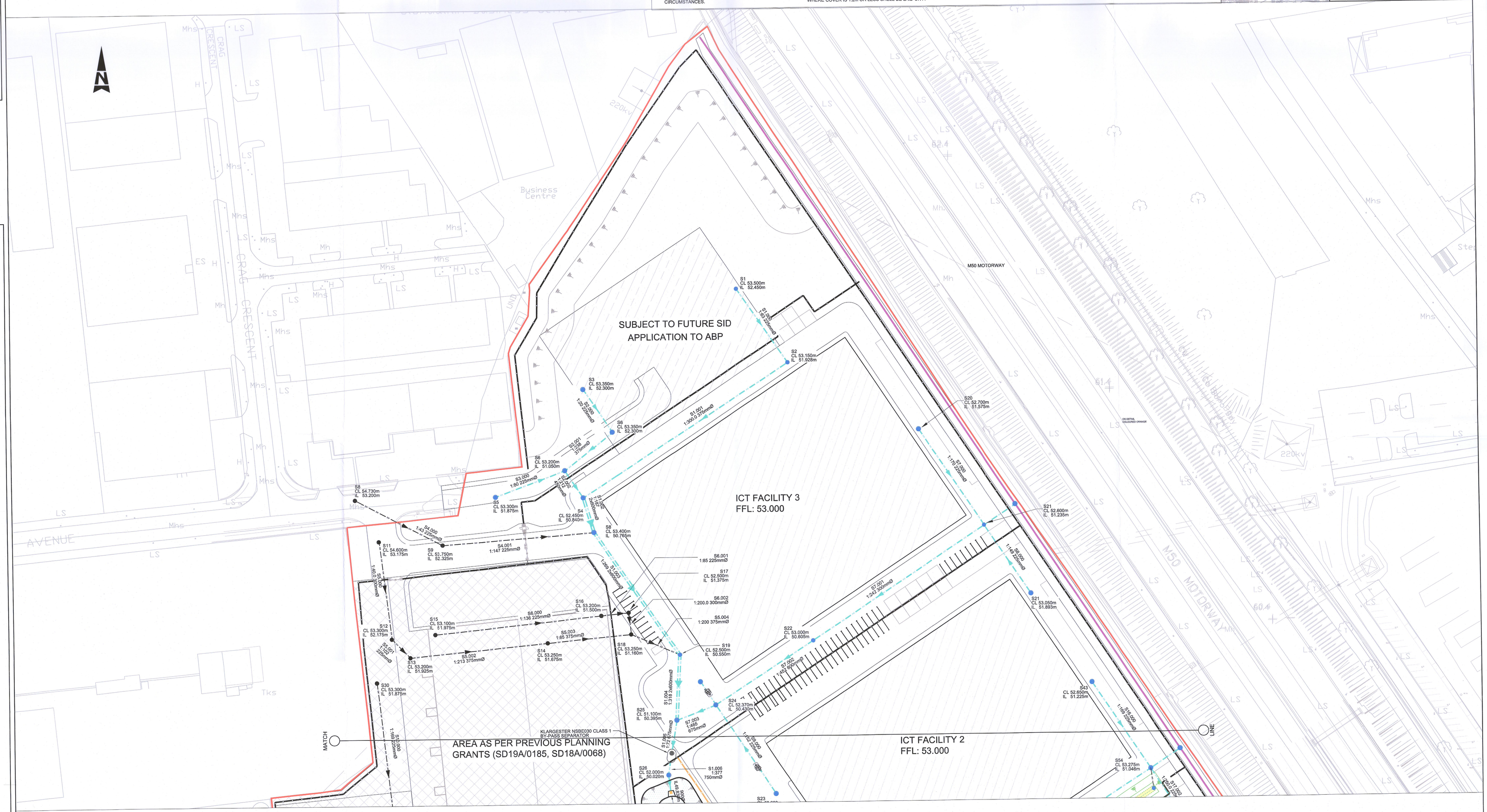
NOTE: ALL INTERNAL DRAINAGE ASSOCIATED WITH GENERATOR COMPOUND AREA TO BE TIED INTO THE STORM WATER DRAINAGE NETWORK AND RUN THROUGH CLASS 1 FORECOURT SEPARATOR.

KEY PLAN (1:10000)



GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION


SUBJECT TO FUTURE SID APPLICATION TO ABP
ICT FACILITY 3
FFL: 53.000
ICT FACILITY 2
FFL: 53.000
AREA AS PER PREVIOUS PLANNING GRANTS (SD19A/0185, SD18A/0068)
M50 MOTORWAY
M50 MOTORWAY
CRAG CRESCENT
CRAG CRESCENT
AVENUE
Business Centre
220kv
220kv
MATCH
LINE
KLARGESTER NSBE030 CLASS 1 BY-PASS SEPARATOR
S1 CL 63.500m IL 62.450m
S2 CL 53.150m IL 51.928m
S3 CL 53.350m IL 52.300m
S6 CL 53.350m IL 52.300m
S20 CL 52.700m IL 51.575m
S21 CL 52.600m IL 51.235m
S21 CL 53.050m IL 51.893m
S43 CL 52.650m IL 51.225m
S54 CL 53.275m IL 51.046m
S26 CL 52.000m IL 50.020m
S25 CL 51.100m IL 50.395m
S24 CL 52.370m IL 50.430m
S22 CL 53.000m IL 50.605m
S19 CL 52.500m IL 50.550m
S18 CL 53.250m IL 51.160m
S17 CL 52.500m IL 51.375m
S16 CL 53.200m IL 51.500m
S15 CL 53.100m IL 51.975m
S14 CL 53.250m IL 51.875m
S13 CL 53.200m IL 51.925m
S12 CL 53.300m IL 52.175m
S30 CL 53.300m IL 51.875m
S11 CL 54.600m IL 53.175m
S9 CL 53.750m IL 52.325m
S8 CL 53.400m IL 50.765m
S4 CL 52.450m IL 50.940m
S5 CL 53.300m IL 51.875m
S6 CL 53.200m IL 51.050m
S58 CL 54.730m IL 53.200m
S1.001 1:360.0 375mmØ
S2.001 1:180 225mmØ
S3.001 1:25 225mmØ
S4.000 1:43 225mmØ
S4.001 1:147 225mmØ
S5.002 1:213 375mmØ
S5.003 1:85 375mmØ
S6.000 1:136 225mmØ
S6.001 1:85 225mmØ
S6.002 1:200.0 300mmØ
S5.004 1:200 375mmØ
S7.001 1:243 300mmØ
S7.002 1:145.5 300mmØ
S7.003 1:465 675mmØ
S1.005 1:272 675mmØ
S1.006 1:377 750mmØ
S1.004 1:313.9 600mmØ
S1.000 1:69 225mmØ
S1.003 1:200 225mmØ
S1.002 1:102 225mmØ
S8.000 1:116 225mmØ
S8.001 1:116 225mmØ
S7.000 1:175 225mmØ
S7.001 1:243 300mmØ
S5.000 1:60 300mmØ
S5.001 1:60 300mmØ
S5.002 1:213 375mmØ
S1.000 1:69 225mmØ
S1.003 1:200 225mmØ
S1.002 1:102 225mmØ
S1.006 1:377 750mmØ
S1.005 1:272 675mmØ
S1.004 1:313.9 600