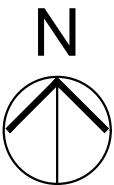


A1

LEGEND:
(FOR APARTMENT UNITS AND NEIGHBOURHOOD CENTRE)

DUPLEX BLOCK TYPE 1 (UNIT NOS. 278-285) CAR SPACES	
DUPLEX BLOCK TYPE 1 (UNIT NOS. 278-285) VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 1 (UNIT NOS. 357-364) CAR SPACES	
DUPLEX BLOCK TYPE 1 (UNIT NOS. 357-364) VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 1 (UNIT NOS. 365-372) CAR SPACES	
DUPLEX BLOCK TYPE 1 (UNIT NOS. 365-372) VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 2 CAR SPACES	
DUPLEX BLOCK TYPE 2 VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 3A CAR SPACES	
DUPLEX BLOCK TYPE 3A VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 3B CAR SPACES	
DUPLEX BLOCK TYPE 3B VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 4A CAR SPACES	
DUPLEX BLOCK TYPE 4A VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 4B CAR SPACES	
DUPLEX BLOCK TYPE 4B VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 5 CAR SPACES	
DUPLEX BLOCK TYPE 5 VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 6 CAR SPACES	
DUPLEX BLOCK TYPE 6 VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 7 CAR SPACES	
DUPLEX BLOCK TYPE 7 VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 8 CAR SPACES	
DUPLEX BLOCK TYPE 8 VISITOR CAR SPACES	
DUPLEX BLOCK TYPE 9 CAR SPACES	
DUPLEX BLOCK TYPE 9 VISITOR CAR SPACES	
1 BED OWN DOOR BLOCK TYPE CAR SPACES (2 UNITS PER BLOCK)	
1 BED OWN DOOR BLOCK TYPE VISITOR CAR SPACES	
APARTMENT BLOCK 'A' CAR SPACES	
APARTMENT BLOCK 'A' VISITOR CAR SPACES	
APARTMENT BLOCK 'B' CAR SPACES	
APARTMENT BLOCK 'B' VISITOR CAR SPACES	
APARTMENT BLOCK 'C' CAR SPACES	
APARTMENT BLOCK 'C' VISITOR CAR SPACES	
NEIGHBOURHOOD CENTRE APARTMENT CAR SPACES	
NEIGHBOURHOOD CENTRE APARTMENT VISITOR CAR SPACES	
NEIGHBOURHOOD CENTRE CAR SPACES	


CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 9:
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 10
NO. OF APARTMENT CAR SPACES REQUIRED:	= 10 x 1 = 10
NO. OF VISITOR CAR SPACES REQUIRED:	= 10 / 4 = 3
TOTAL NO. OF SPACES REQUIRED:	= 13
TOTAL NO. OF SPACES PROVIDED:	= 13

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 8:
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 12
NO. OF APARTMENT CAR SPACES REQUIRED:	= 12 x 1 = 12
NO. OF VISITOR CAR SPACES REQUIRED:	= 12 / 4 = 3
TOTAL NO. OF SPACES REQUIRED:	= 15
TOTAL NO. OF SPACES PROVIDED:	= 15

CAR PARKING PROVISION FOR APARTMENT BLOCK 'B':
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 22
NO. OF APARTMENT CAR SPACES REQUIRED:	= 22 x 1 = 22
NO. OF VISITOR CAR SPACES REQUIRED:	= 22 / 4 = 5.5, SAY 6
TOTAL NO. OF SPACES REQUIRED:	= 27
TOTAL NO. OF SPACES PROVIDED:	= 27

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 7:
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 10
NO. OF APARTMENT CAR SPACES REQUIRED:	= 10 x 1 = 10
NO. OF VISITOR CAR SPACES REQUIRED:	= 10 / 4 = 3
TOTAL NO. OF SPACES REQUIRED:	= 13
TOTAL NO. OF SPACES PROVIDED:	= 13

CAR PARKING PROVISION FOR APARTMENT BLOCK 'A':
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 22
NO. OF APARTMENT CAR SPACES REQUIRED:	= 22 x 1 = 22
NO. OF VISITOR CAR SPACES REQUIRED:	= 22 / 4 = 5.5, SAY 6
TOTAL NO. OF SPACES REQUIRED:	= 27
TOTAL NO. OF SPACES PROVIDED:	= 27

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 1 (UNIT NOS. 278-285):
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 8
NO. OF APARTMENT CAR SPACES REQUIRED:	= 8 x 1 = 8
NO. OF VISITOR CAR SPACES REQUIRED:	= 8 / 4 = 2
TOTAL NO. OF SPACES REQUIRED:	= 10
TOTAL NO. OF SPACES PROVIDED:	= 10

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 2:
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 10
NO. OF APARTMENT CAR SPACES REQUIRED:	= 10 x 1 = 10
NO. OF VISITOR CAR SPACES REQUIRED:	= 10 / 4 = 3
TOTAL NO. OF SPACES REQUIRED:	= 13
TOTAL NO. OF SPACES PROVIDED:	= 13

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 3A:
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 8
NO. OF APARTMENT CAR SPACES REQUIRED:	= 8 x 1 = 8
NO. OF VISITOR CAR SPACES REQUIRED:	= 8 / 4 = 2
TOTAL NO. OF SPACES REQUIRED:	= 10
TOTAL NO. OF SPACES PROVIDED:	= 10

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 4A:
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 8
NO. OF APARTMENT CAR SPACES REQUIRED:	= 8 x 1 = 8
NO. OF VISITOR CAR SPACES REQUIRED:	= 8 / 4 = 2
TOTAL NO. OF SPACES REQUIRED:	= 10
TOTAL NO. OF SPACES PROVIDED:	= 10

CAR PARKING PROVISION FOR 1 BED OWN DOOR APARTMENTS:
(2 UNITS PER BLOCK, 8 BLOCKS IN TOTAL, 16 NO. TOTAL UNITS)

AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:	
APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 16
NO. OF APARTMENT CAR SPACES REQUIRED:	= 16 x 1 = 16
NO. OF VISITOR CAR SPACES REQUIRED:	= 16 / 4 = 4
TOTAL NO. OF SPACES REQUIRED:	= 20
TOTAL NO. OF SPACES PROVIDED:	= 20

(I.E. 1 SPACE PER UNIT AND 1 VISITOR SPACE PER BLOCK PROVIDED)

EV CHARGING FOR NON-RESIDENTIAL DEVELOPMENT:
AS PER DEVELOPMENT PLAN, REQUIREMENTS ARE:

NON-RESIDENTIAL DEVELOPMENT:	
SMALL PROVIDE FACILITIES FOR THE CHARGING OF BATTERY OPERATED CARS AT A RATE OF UP TO 10% OF THE TOTAL CAR PARKING SPACES	
TOTAL NO. OF CAR SPACES PROVIDED:	= 46
TOTAL NO. OF EV SPACES REQUIRED:	= 10% OF 46 = 4.6, SAY 5
TOTAL NO. OF EV SPACES PROVIDED:	= 5

1 NO. CAR SHARING SPACE:
CAR PARKING PROVISION FOR NEIGHBOURHOOD CENTRE APARTMENTS:
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 13
NO. OF APARTMENT CAR SPACES REQUIRED:	= 13 x 1 = 13
NO. OF VISITOR CAR SPACES REQUIRED:	= 13 / 4 = 3.25, SAY 3
TOTAL NO. OF SPACES REQUIRED:	= 16
TOTAL NO. OF SPACES PROVIDED:	= 16

CAR PARKING PROVISION FOR NEIGHBOURHOOD CENTRE (INCLUDING CRECHE):
REQUIREMENT FOR NEIGHBOURHOOD CENTRE:

- 1 CAR PARKING SPACE PER 20 M² GROSS FLOOR AREA FOR RETAIL, CONVENIENCE
- 1 SPACE PER 10 M² GROSS FLOOR AREA FOR CLINIC / GROUP MEDICAL PRACTICES
- 1 SPACE PER 10 M² GROSS FLOOR AREA FOR RESTAURANT / CAFE

NOTE THAT THE USE OF EACH UNIT IN THE NEIGHBOURHOOD CENTRE IS BROKEN DOWN AS FOLLOWS:

100 M ² (CONVENIENCE)	= 45 CAR SPACES
100 M ² (CLINIC)	= 10 CAR SPACES
100 M ² (RESTAURANT / CAFE)	= 34 CAR SPACES
TOTAL MAX. REQUIRED FOR NEIGHBOURHOOD CENTRE	= 119 CAR SPACES

REQUIREMENT FOR CRECHE:
CAR PARKING STANDARDS (MAX) FROM TABLE 17.9 OF THE KILDARE COUNTY DEVELOPMENT PLAN 2017-2022 ARE AS FOLLOWS:

100 M ² (CONVENIENCE)	= 5 CAR SPACES
100 M ² (CLINIC)	= 38 CAR SPACES
100 M ² (RESTAURANT / CAFE)	= 43 CAR SPACES
TOTAL MAX. REQUIRED FOR CRECHE	= 199 CAR SPACES

TOTAL NO. OF SPACES PROVIDED: = 48 CAR SPACES

IF IT IS CONSIDERED THAT THIS IS JUSTIFIABLE TAKING INTO CONSIDERATION THE SUSTAINABLE MODES OF TRANSPORT FACILITATED IN THE AREA, THE POTENTIAL FOR LINKED TRIPS, THE NATURE OF THE USES OF THE SITE AND LINKED TRIPS, THE PROXIMITY TO BOTH THE PROPOSED AND EXISTING HOUSING IN THE LOCALITY AND THE NEARBY INDUSTRIAL AND WAREHOUSING ZONING (WITH ASSOCIATED AMPLE CAR PARKING ALSO) AND THE NEARBY PEDESTRIAN AND CYCLIST LINKAGES TO THE PROPOSED AND EXISTING DEVELOPMENTS, A MOBILITY MANAGEMENT PLAN AND TRAFFIC AND TRANSPORT ASSESSMENT HAS BEEN INCLUDED WITH THE APPLICATIONS WELL AND THESE DOCUMENTS DEVELOP THE ABOVE POINTS FURTHER AND CLEARLY DEMONSTRATE THE EXISTING AND FUTURE PEDESTRIAN, CYCLIST, AND BUS LINKAGES AND THE PROMOTION OF SUSTAINABLE, LESS CAR-BASED, TRAVEL PATTERNS.

CAR PARKING PROVISION FOR APARTMENT BLOCK 'C':
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 27
NO. OF APARTMENT CAR SPACES REQUIRED:	= 27 x 1 = 27
NO. OF VISITOR CAR SPACES REQUIRED:	= 27 / 4 = 6.75, SAY 7
TOTAL NO. OF SPACES REQUIRED:	= 34
TOTAL NO. OF SPACES PROVIDED:	= 34

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 6:
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 10
NO. OF APARTMENT CAR SPACES REQUIRED:	= 10 x 1 = 10
NO. OF VISITOR CAR SPACES REQUIRED:	= 10 / 4 = 3
TOTAL NO. OF SPACES REQUIRED:	= 13
TOTAL NO. OF SPACES PROVIDED:	= 13

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 1 (UNIT NOS. 357-364):
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 8
NO. OF APARTMENT CAR SPACES REQUIRED:	= 8 x 1 = 8
NO. OF VISITOR CAR SPACES REQUIRED:	= 8 / 4 = 2
TOTAL NO. OF SPACES REQUIRED:	= 10
TOTAL NO. OF SPACES PROVIDED:	= 10

CAR PARKING PROVISION FOR DUPLEX BLOCK TYPE 1 (UNIT NOS. 365-372):
AS PER DESIGN STANDARDS FOR NEW APARTMENTS 2020, REQUIREMENTS ARE:

APARTMENTS:	
1 CAR SPACE PER UNIT AND 1 VISITOR SPACE PER 4 UNITS	
NO. OF APARTMENTS:	= 8
NO. OF APARTMENT CAR SPACES REQUIRED:	= 8 x 1 = 8
NO. OF VISITOR CAR SPACES REQUIRED:	= 8 / 4 = 2
TOTAL NO. OF SPACES REQUIRED:	= 10
TOTAL NO. OF SPACES PROVIDED:	= 10

CAR PARKING PROVISION FOR ALL HOUSES:
AS PER DEVELOPMENT PLAN, REQUIREMENTS ARE:

HOUSES:	
1 CAR SPACE PER UNIT	
TOTAL NO. OF HOUSES:	= 325
TOTAL NO. OF CAR SPACES REQUIRED:	= 325 x 2 = 650
TOTAL NO. OF SPACES PROVIDED:	= 650

CAR PARKING PROVISION FOR THE OVERALL SCHEME:

HOUSES:	
TOTAL NO. OF HOUSES:	= 325
TOTAL NO. OF CAR SPACES REQUIRED:	= 650
TOTAL NO. OF SPACES PROVIDED:	= 650
APARTMENTS (INCL. 13 APTS. IN NEIGHBOURHOOD CENTRE):	
TOTAL NO. OF APARTMENTS:	= 244
TOTAL NO. OF APARTMENT CAR SPACES REQUIRED:	= 244
TOTAL NO. OF VISITOR CAR SPACES REQUIRED:	= 60
TOTAL NO. OF SPACES PROVIDED:	= 312
NEIGHBOURHOOD CENTRE (EXCL. 13 APTS.):	
TOTAL NO. OF SPACES REQUIRED FOR CRECHE:	= 43
TOTAL NO. OF SPACES REQUIRED FOR COMMERCIAL:	= 116
TOTAL NO. OF SPACES REQUIRED:	= 159
TOTAL NO. OF SPACES PROVIDED:	= 46
TOTAL NO. OF PARKING SPACES REQUIRED	= 1,113
TOTAL NO. OF PARKING SPACES PROVIDED	= 1,008

SITE LAYOUT SHOWING PROPOSED CAR PARKING PROVISION @ 1:1,000

NOTES:

DO NOT SCALE. USE ONLY FIGURED DIMENSIONS WHICH SHOULD BE CHECKED ON SITE BEFORE WORK COMMENCES.

ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST BUILDING REGULATIONS.

REFER TO STRUCTURAL ENGINEER'S DRAWINGS AND SPECIFICATION FOR ALL STRUCTURAL WORK.

THIS DRAWING IS COPYRIGHT.

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RIAI
2021

PROJECT: PROPOSED GREAT CONNELL SHD AT NEWBRIDGE, CO. KILDARE.

TITLE: SITE LAYOUT SHOWING PROPOSED CAR PARKING PROVISION.

CLIENT: ASTON LTD.

STAGE: PLANNING

PROJECT NO.: 19070

DRG. NO.: PA-011

 SCALE: 1:1,000
DATE: FEBRUARY 2022

 DRAWN: POF
CHECKED: POF