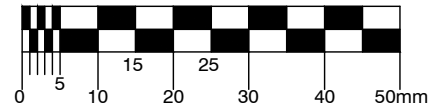


ON ORIGINAL



- GENERAL NOTES:**
1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
 2. ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
 3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
 4. ALL LEVELS ARE TO ORDNANCE DATUM (M.A.H. HEAD).
 5. ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
 6. THE CONTRACTOR MUST LIAISE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS DIRECTED IN THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
 7. ALL VEHICULAR & PEDESTRIAN, CYCLE & PRIVATE ACCESS ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC MANAGEMENT PLAN & CONSTRUCTION MANAGEMENT PLAN.

DRAWING SPECIFIC NOTES:

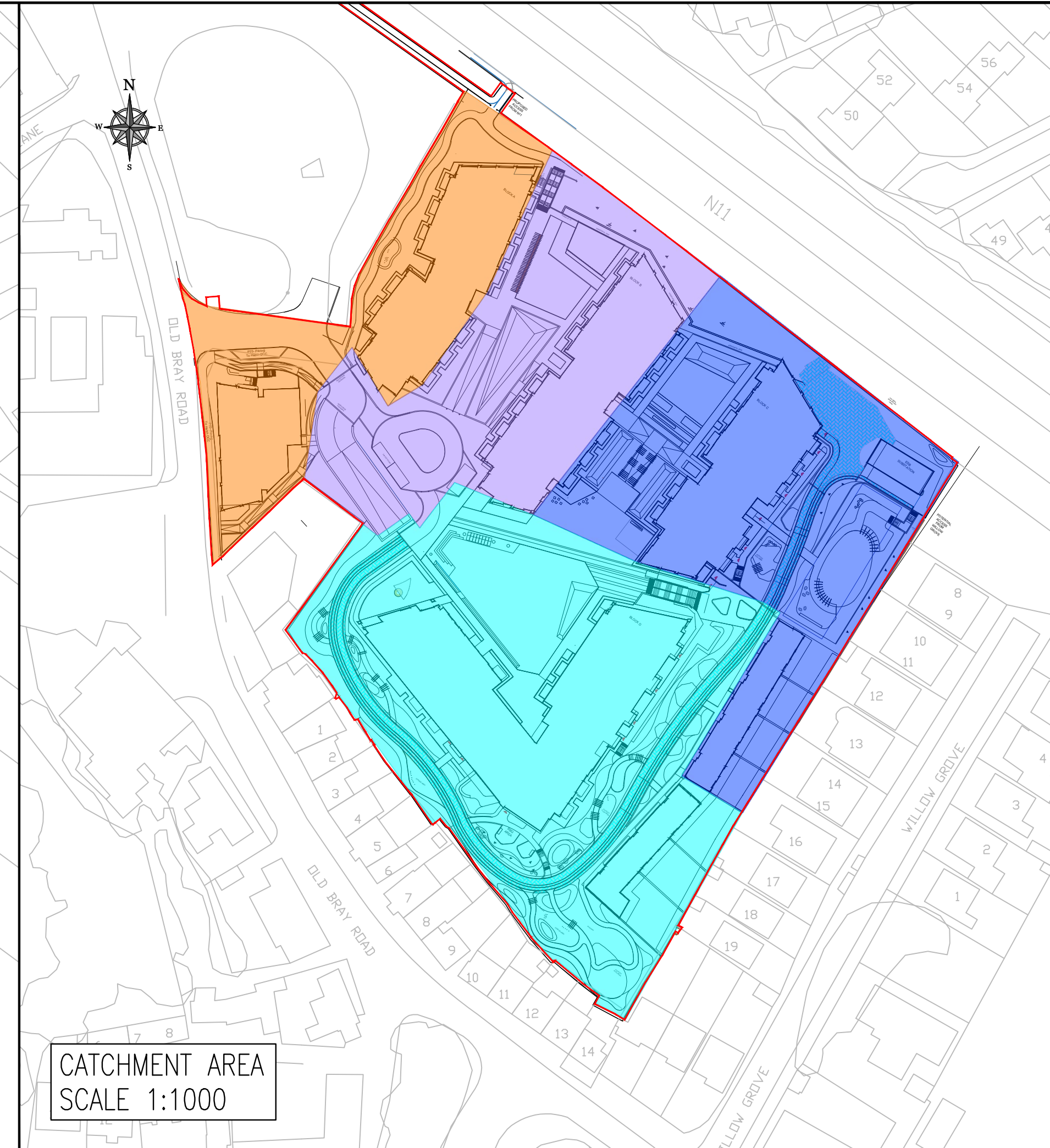
1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
2. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS & THE LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
3. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS NOTED OTHERWISE.
4. MANHOLE COVER LEVELS ARE TO CONFORM WITH FINISHED ROAD AND PATH LEVELS.
5. ALL SURFACE WATER DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY'S CODE OF PRACTICE FOR DRAINAGE AND THE GOODS.
6. ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATERS CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
7. FOUL SEWERS TO BE CONCRETE PIPES (SPIGOT AND SOCKET JOINTS AND RUBBER RING FITTINGS COMPLYING WITH IS EN 1916) OR THERMOPLASTIC STRUCTURED WALL PIPES (COMPLYING WITH THE PROVISION OF IS EN 13276 AND WIS 4-35-01 2000) AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE.
8. ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004.
9. SURFACE WATER COLLECTOR DRAINS 150mm DIA. FOUL HOUSE CONNECTIONS TO BE 100mm DIA.
10. CONTRACTOR SHALL INSPECT THE ROUTE & CONFIRM LOCATIONS OF ALL TREES, FEATURES, ENTRANCES & ASPECTS IMPACTING CONSTRUCTION OF THE WORKS.
11. NOTE THAT THE CONTRACTOR AND/OR ARCHITECT ARE RESPONSIBLE FOR CONNECTIONS INTO THE BUILDING.

LEGEND:

- SITE A BOUNDARY
- GREEN ROOF SEDUM BLANKET OR SIMILAR APPROVED
- ROOF AREA DRAINING TO SUDS
- PAVED AREAS DRAINING TO GULLIES
- PERMEABLE PAVING OVER PODIUM
- PERMEABLE PAVING
- GREEN PODIUM DECK
- CATCHMENT AREA A
- CATCHMENT AREA B
- CATCHMENT AREA C
- CATCHMENT AREA D

Catchment / Attenuation Area	Storage System Type	Catchment Area (Total)	Impermeable Catchment Area (Total)	Allowable Outflow (Max.)	Storage Volume Required (100 Yr.)	Storage Volume Provided (100 Yr.)
A	Aquacell Underground Chamber	0.323 Ha	0.255 Ha	2 l/s	107.4m ³	129.2m ³
B	Stormtech Underground Chamber	0.422 Ha	0.360 Ha	5.7 l/s	133.8m ³	144m ³
C	Stormtech Underground Chamber	0.887 Ha	0.630 Ha	5 l/s	260.3m ³	342.3m ³
D	Stormtech Underground Chamber	0.478 Ha	0.351 Ha	7.3 l/s	146m ³	154m ³
Total		2.11 Ha	1.596 Ha	-	647.5m³	769.5m³

CATCHMENT AREA SCALE 1:1000



P3	22-11-21	FOR SHD APPLICATION	JVS	BK
P2	23-04-21	FOR PRE-APPLICATION MEETING	JVS	BK
P1	03-12-19	FOR ASP APPLICATION	JVS	BK
REV	DATE	DESCRIPTION	BY	CHKD
SUITABILITY	S2	FOR INFORMATION		

PLANNING			
DESIGNED	BK	PREPARED	PJC
DATE	JAN 2019	CHECKED	DJR

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PROJECT
PROPOSED DEVELOPMENT AT CORNELSCOURT

DRG. TITLE
SURFACE WATER CATCHMENT AREAS

CLIENT
CORNEL LIVING LIMITED

SCALE
 1:500 @A1

FILE REF.
 180208-DBFL-XX-XX-DR-C-3003