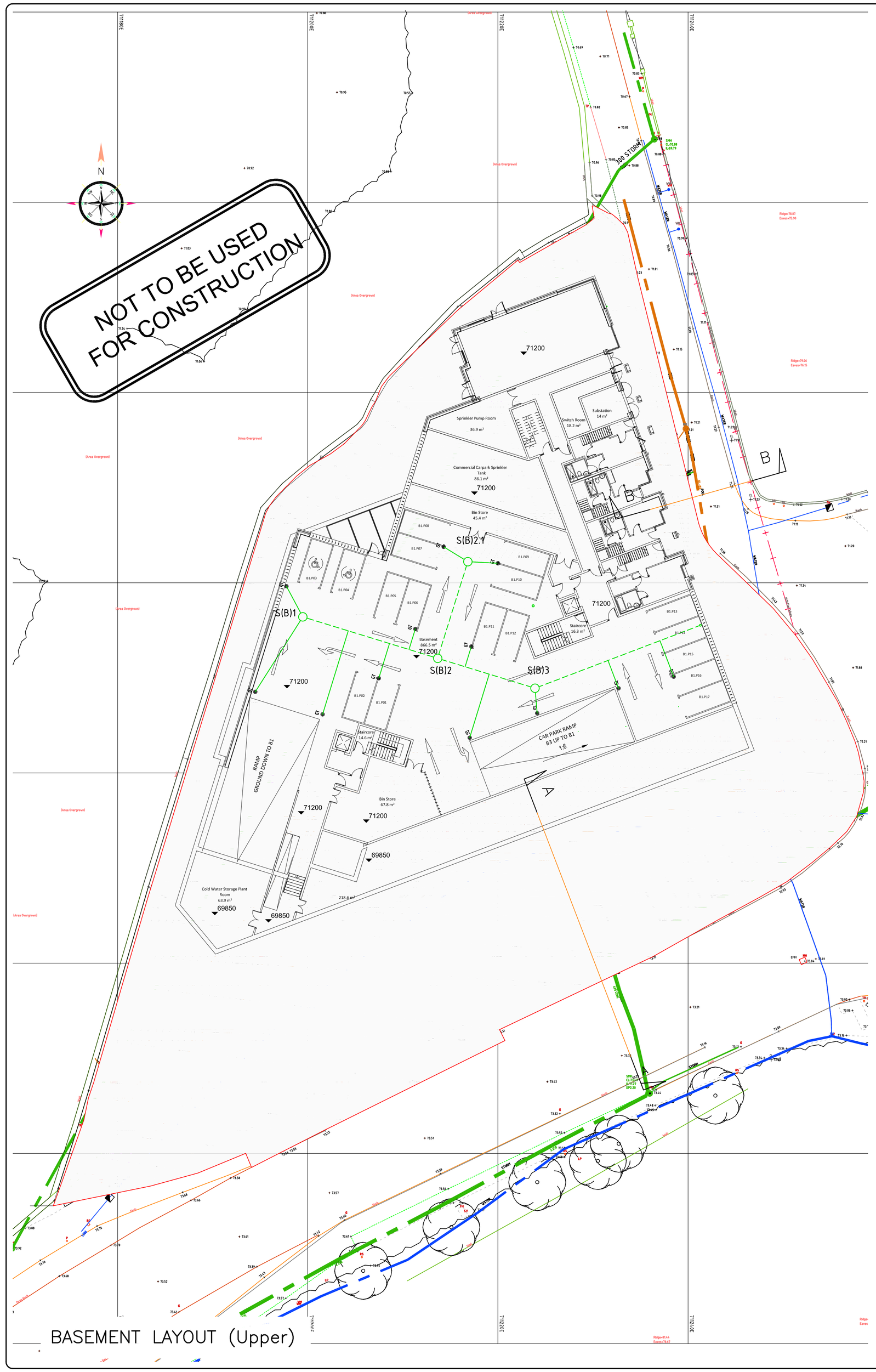
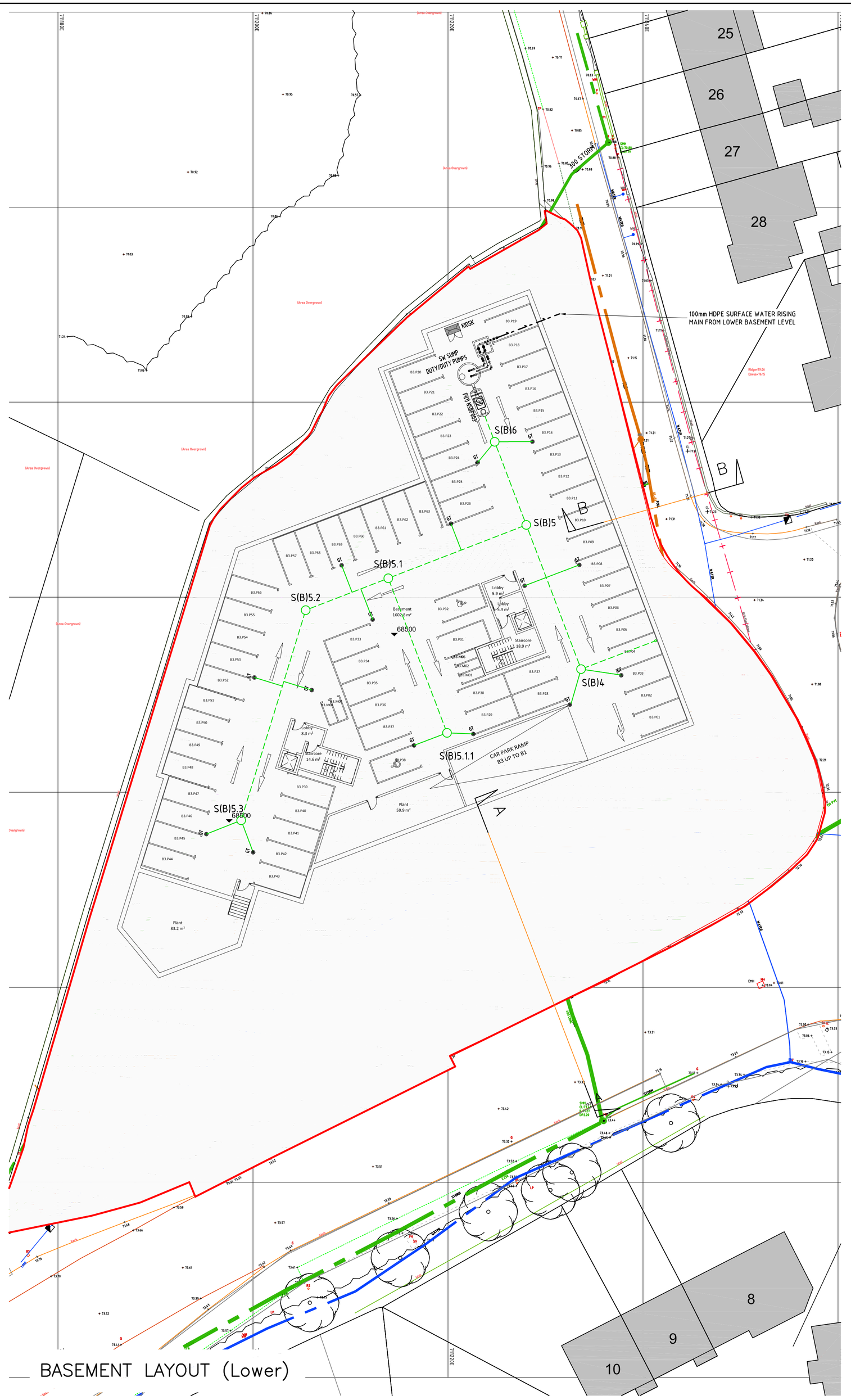



BASEMENT LAYOUT (Upper)




BASEMENT LAYOUT (Lower)

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NOTES:

1. ALL HOUSE DRAINS TO BE 100mmø.
2. LOCAL DRAINS TO RUN AT A GRADIENT OF 1/40 UNLESS OTHERWISE NOTED.
3. DOUBLE GULLIES TO BE PROVIDED AT ALL ROAD SAG CURVES & CUL DE SACS WHERE INDICATED. SEPARATE CONNECTIONS 150mm DIA. SHALL BE PROVIDED FOR EACH GULLY. NO GULLEY SHALL BE MORE THAN 10m FROM A SURFACE WATER CONNECTION.
4. HOUSE DRAINS SHALL NOT PASS THROUGH A PROPERTY THEY DO NOT SERVE.
5. FOR SEWER LONG SECTIONS SEE DRAWING's 130 SERIES
6. FOR ROAD CONSTRUCTION DETAILS SEE DRG's. 150 SERIES.
7. FOR DRAINAGE CONSTRUCTION DETAILS SEE DRG's 160 SERIES.
8. FOR WATERMAIN CONSTRUCTION DETAILS SEE DRG's 170 SERIES.

## DRAINAGE LEGEND

| | |
|---|---|
| PROPOSED FOUL SEWER & MANHOLE | F2 IL 14.500 |
| PROPOSED STORM SEWER & MANHOLE | S2 |
| PROPOSED COMBINED SEWER & MANHOLE | S2 IL= 14.500 |
| PROPOSED ROAD GULLY | GT |
| EXISTING FOUL SEWER & MANHOLE | F4(Ex) IL= 14.500 |
| EXISTING STORM SEWER & MANHOLE | S17(Ex) IL= 14.500 |
| EXISTING COMBINED SEWER & MANHOLE | S17(Ex) IL= 14.500 |
| LAND DRAIN & CATCHPIT | CP2 |
| RISING MAIN | |
| PRIVATE STORM DRAIN | 100MM PVC @ 1:40 MAX |
| PRIVATE FOUL DRAIN | FWC (FOUL WATER IC) 100MM PVC @ 1:40 MAX |
| DIRECTION OF FOUL FLOW | |
| DIRECTION OF STORM FLOW | |

## SERVICES LEGEND

| | | | |
|---|---|---|---|
| | FOUL DRAINAGE | | EIR |
| | FOUL AJ | TP | OVERHEAD LINE WITH POLE |
| FMH | FOUL DRAINAGE MANHOLE | | EIR CHAMBER |
| | STORM AJ | | EIR CHAMBER |
| | STORM DRAINAGE | | ENET |
| SMH | STORM DRAINAGE MANHOLE | | COMMS |
| RG RG | ROAD GULLY | | BT |
| GT | GULLY TRAP | | FIBRE |
| | WATER MAIN | | CATV |
| SV | SLUICE VALVE | GSV | GAS SV |
| HYD | FIRE HYDRANT | | GAS LINE |
| WM | WATER METER | | UNDERGROUND ELECTRICITY LINE |
| SCV | SCOUR VALVE | EMH | ELECTRICAL M/HOLE |
| PRV | PRESSURE RELEASE VALVE | EP | OVERHEAD LINE WITH POLE |
| AV | AIR VALVE | MP | MINI PILLAR |
| NRV | NON-RETURN VALVE | | OVERHEAD ELECTRIC |
| | FUEL LINE/TANK | LP | 6m HIGH STREET LIGHT |
| GL 00.00 | GROUND LEVEL (metres - os datum) | E | EARTH LINE AND RODS |
| CL 10.00 | COVER LEVEL (metres - os datum) | SENSOR | TRAFFIC SENSOR |
| IL 10.00 | INVERT LEVEL (metres - os datum) | UNID | UNIDENTIFIED SERVICE |
| DP1.50m | DEPTH TO TOP OF SERVICE (metres) | | SURVEYED AREA |
| DP ON MANHOLES = INVERT LEVEL OF PIPE | | UTO | UNABLE TO OPEN |
| DP ON FOUL AND SURFACE WATER = INVERT OF PIPE | | OSA | OUTSIDE SURVEY AREA |
| | | UTT | UNABLE TO TRACE |

| REV | DATE | DESCRIPTION | BY/CHKD/APPR |
|---|---|---|---|

Client

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STRATEGIC HOUSING DEVELOPMENT AT FIRHOUSE ROAD,
DUBLIN 24
DRAINAGE - BASEMENT LEVEL

| | | | |
|---|---|---|---|
| Drawn: POR | Scale: 1:250 | Project Number: 110-36 | Rev.: ~ |
| Chkd.: POR | Date: 08/2021 | Drawing Number: 120 | A1 |
| Apprd.: EOD | Status: PLANNING D1 | | |