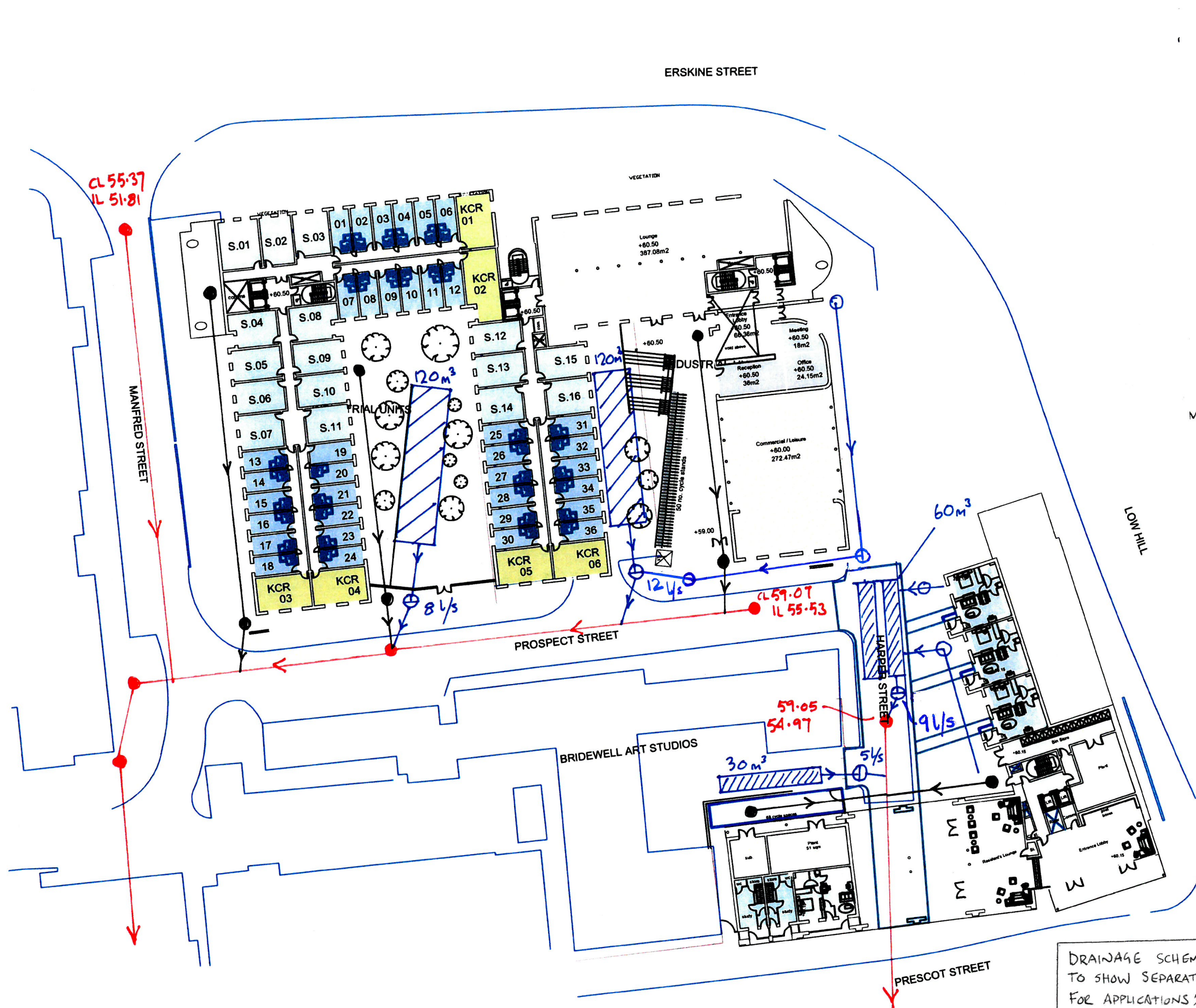
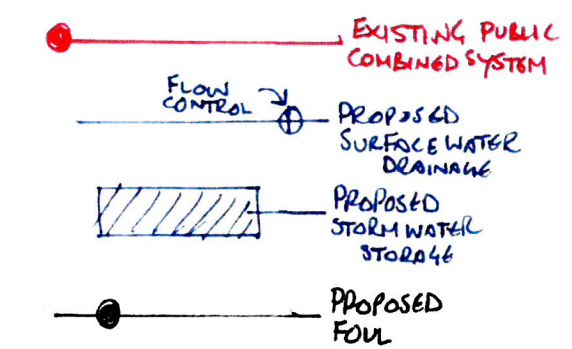




x 60.40 EXISTING GROUND LEVELS



PRELIMINARY FLOW ESTIMATES

EXISTING IN 2 YEAR 15MM = 49 l/s  
(BASED ON EXIST IMPERMEABLE 4541 m²)  
59% OF SITE AREA 7698

PROPOSED MAX FLOW RATE = 34 l/s

ESTIMATED  
PROPOSED IMPERMEABLE = 35% = 6543 m²

MAX STORAGE REQD FOR IN100 +30%  
= 257 m³

FLOW RATES SUBJECT TO FINAL  
AREA CHECKS & APPROVAL BY  
UNITED UTILITIES.

TOTAL VOLUMES SHOWN

|              |
|--------------|
| 120          |
| 120          |
| 60           |
| 30           |
| 330 m³ > 257 |
| 100k         |

C 12/1/17 PLANNING UPDATE  
B 3/11/16 PLANNING  
A 19/9/16 PRELIM.

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|                   |              |
|-------------------|--------------|
| Client            | ELLIOT GROUP |
| Project           | ERSKINE      |
| Office            | LIVERPOOL    |
| Discipline        |              |
| Title             |              |
| DRAINAGE STRATEGY |              |
| Scale @ A1        | 1:500        |
| Status            |              |



|            |            |             |               |
|------------|------------|-------------|---------------|
| Originator | Job Number | Discipline  | Building/Zone |
|            | 4/6151     |             |               |
| Type       | Level      | Drawing No. | Revision      |
|            |            | 5K01        |               |

DRAINAGE SCHEME UPDATED  
TO SHOW SEPARATE SYSTEMS  
FOR APPLICATIONS:  
16F/2755  
16F/2756