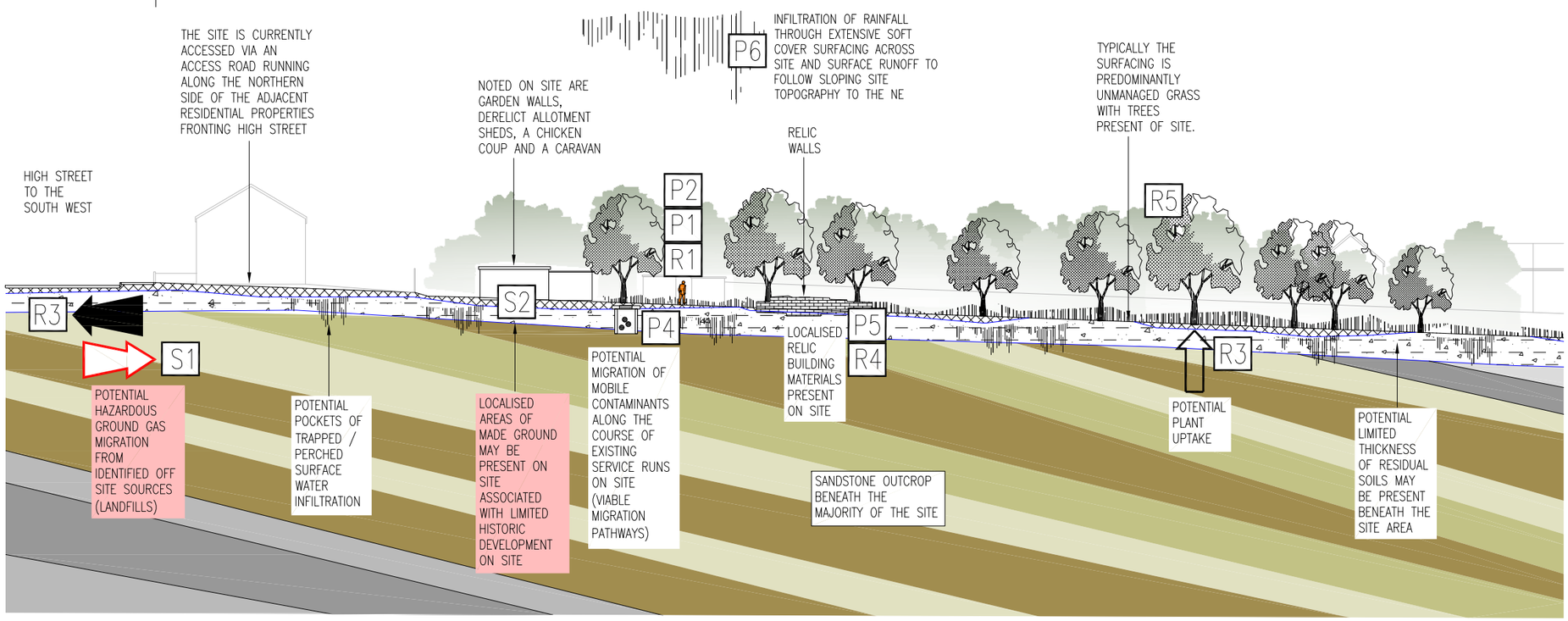
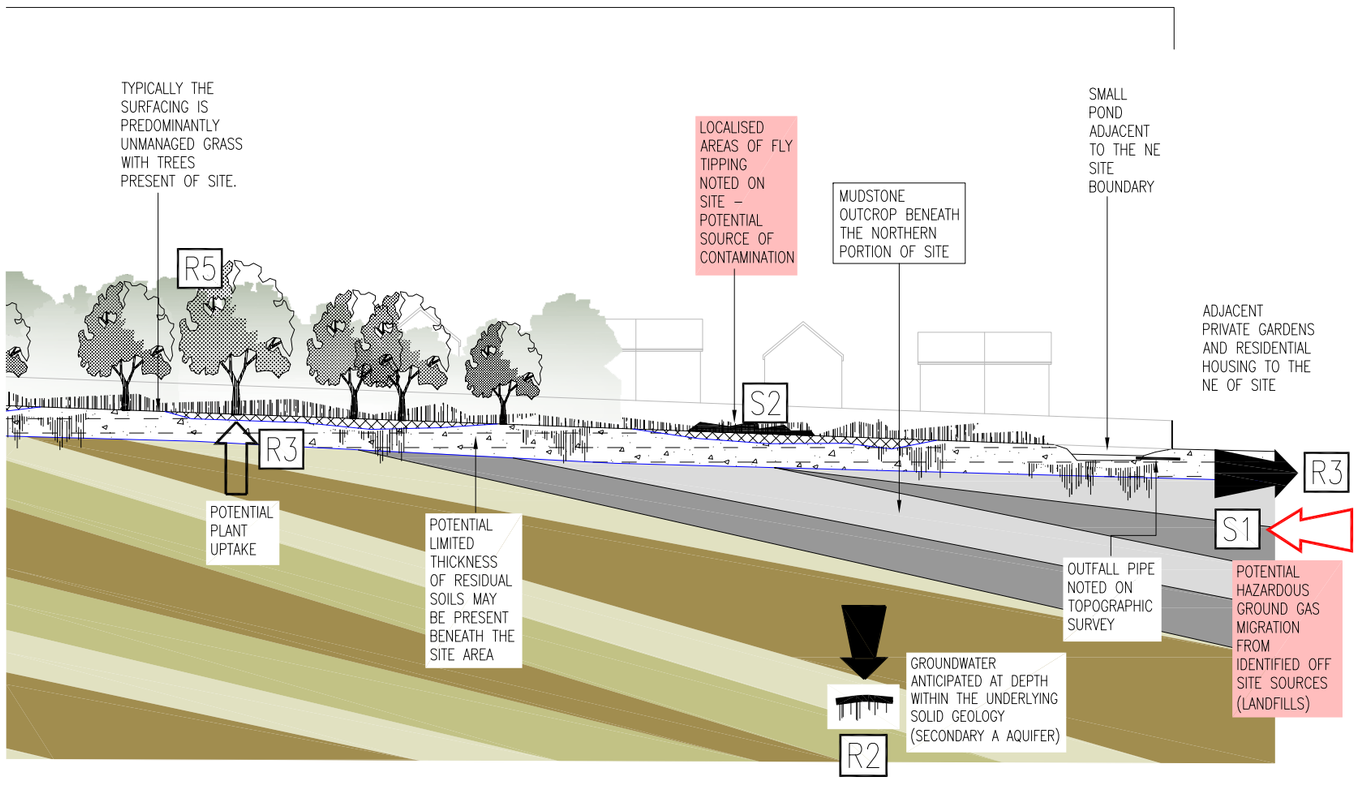
INDICATIVE SECTION THROUGH SITE USING AN APPROXIMATE SW–NE ORIENTATION




## STRATA DETAILS

**MADE GROUND:**
ACCORDING TO PUBLISHED BGS DATA THE SITE IS NOT RECORDED TO BE UNDERLAIN BY A SIGNIFICANT THICKNESS OF MADE GROUND DEPOSITS

**DRIFT DEPOSITS:**
ACCORDING TO THE BGS GEOLOGY VIEWER AS WELL AS THE BGS GEOLOGICAL ENGLAND AND WALES SHEET 87, BARNSLEY, 1:50,000 SCALE, SOLID & DRIFT EDITION THE SITE LIES IN AN AREA OF THIN OR ABSENT SUPERFICIAL DRIFT

MUDSTONE

SANDSTONE

**SOLID GEOLOGY:**
PENNINE MIDDLE COAL MEASURES FORMATION AND SOUTH WALES MIDDLE COAL MEASURES FORMATION (UNDIFFERENTIATED) IS SOLID GEOLOGY PRESENT BENEATH THE SITE. SANDSTONE IS SHOWN TO OUTCROP AT ROCKHEAD TO THE SOUTH, WITH MUDSTONE AT OUTCROP TO THE NORTH OF THE SITE


**ARC ENVIRONMENTAL LTD**
Solum House
Unit 1 Elliott Court
St. John's Road
Meadowfield
Durham, DH7 8PN
Tel: (0191) 378 6380
Fax: (0191) 378 0494
e-mail: admin@arc-environmental.com
web: www.arc-environmental.com



The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
© Copyright Reserved


CRITICAL POLLUTANT LINKAGES

| | |
|---|---|
| SOURCE **S** | 1. POTENTIAL SOURCE OF HAZARDOUS GROUND GASES FROM OFF–SITE SOURCES (I.E. ADJACENT LANDFILL SITES)<br>2. LOCAL MADE GROUND ASSOCIATED WITH HISTORICAL DEVELOPMENT, FLY TIPPING ETC |
| PATHWAY **P** | 1. INGESTION & DERMAL CONTACT<br>2. INHALATION OF INDOOR / OUTDOOR AIR<br>3. PLANT UPTAKE<br>4. MIGRATION THROUGH EXISTING SERVICES<br>5. DIRECT CONTACT WITH BUILDING MATERIALS<br>6. SURFACE RUNOFF & INFILTRATION |
| RECEPTOR **R** | 1. HUMAN HEALTH (FUTURE RESIDENTS)<br>2. GROUNDWATER WITHIN SOLID GEOLOGY (SECONDARY A AQUIFER)<br>3. ADJACENT SITES<br>4. BUILDING MATERIALS*<br>5. FLORA AND FAUNA* |

| rev. | date | amendments | drawn | chckd |
|---|---|---|---|---|

Client:
**OLDHAM ACCESS SERVICES**

Project Title:
Land off High Street
Shafton
Barnsley, S72 8NG

Drawing Title:
Conceptual Site Model

| Scale at A3: | Date: | Drawn by: | Approved by: |
|---|---|---|---|
| NTS @ A3 | 09.06.15 | P.D | B.S |

| Job Ref: | Drg no: | Rev: |
|---|---|---|
| 15–204 | – | – |