



- Proposed Drainage Runs
- Existing Drainage Runs
- Proposed Gullies 2 No
- Existing Gullies 11 No
- Proposed Manhole 5 No
- Proposed Connections 7 No
- Proposed Headwall 1 No

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT NORTH YORKSHIRE COUNTY COUNCIL DRAWINGS AND SPECIFICATIONS.
3. NO MECHANICAL COMPACTION OF FILL MATERIAL SHALL BE COMPACTED WITHIN 300mm ABOVE THE BARREL/CROWN OF THE PIPE.
4. ALL LEVELS AND DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
5. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN/NEAR CONFINED SPACES, DEEP EXCAVATIONS AND MACHINERY.
6. GULLY GRATES AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN:124 AN BE OF NON-ROCKING DESIGN WITH CAPTIVE HINGE ACCESS AND BE KITEMARKED. ALL GULLIES TO BE LOAD CLASS D400. THE GRATE SHALL BE HINGED ON THE SIDE OF THE TRAFFIC DIRECTION (LEFT HAND OPENING).
7. PRECAST/ IN-SITU CAST GULLIES TO BE PROVIDED IN ACCORDANCE WITH THE DETAIL (PRECAST AND IN-SITU CAST GULLIES) ON DRG No BDS/WP&RE/2016/503. DEPENDING ON THE DRAINAGE SYSTEM USED, IN THE CASE OF GULLIES GU1 & 2 THE CONTRACTOR MAY WISH TO SUBSTITUTE GULLY POTS FOR SMALL CATCH PITS BUILT IN LINE INTO THE DRAINAGE RUNS.
8. THE MANHOLES TO BE PROVIDED IN ACCORDANCE WITH THE HIGHWAY CONSTRUCTION DETAILS F3 (TYPE 1 CHAMBER (BRICK OR IN-SITU CONCRETE MANHOLE)). IT IS ACCEPTABLE FOR THE CONTRACTOR TO USE A PRECAST CONCRETE VERSION IF HE CHOOSES. WHERE THE COVERS AND FRAMES ARE TO BE GULLY GRATES AS DESCRIBED IN NOTE 6 ABOVE, THE GULLY GRATES SHALL BE ALIGNED WITH THE ENDS OF THE PRECAST CONCRETE DISHED CHANNELS THAT DRAIN INTO THEM.
9. THE RANDOM RUBBLE HEADWALL HW1 IS TO BE PROVIDED IN ACCORDANCE WITH THE DETAIL (RANDOM RUBBLE HEADWALL DETAIL) ON DRG No BDS/WP&RE/2015/503.
10. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER SHOULD ANY EXISTING LIVE DRAINAGE BE FOUND WITHIN THE SITE BOUNDARY.
11. DRAINAGE LONG SECTIONS CAN BE FOUND ON DRG Nos BDS/WP&RE/2016/502 TO BDS/WP&RE/2016/503 INCLUSIVE.

| Gully No | X coordinate (m) | Y coordinate (m) |
|------------|------------------|------------------|
| GU 1 | 870.3982 | 2159.7548 |
| GU 2 | 866.5475 | 2153.9307 |
| GU 3 | 896.2739 | 2147.0444 |
| GU 4 | 943.3047 | 2129.4444 |
| GU 5 | 975.7375 | 2128.1687 |
| GU 6 | 1009.4529 | 2125.3853 |
| GU 7 | 1008.8834 | 2120.6593 |
| GU 8 | 1047.4415 | 2121.305 |
| GU 9 | 1047.0582 | 2117.8972 |
| GU 10 | 1087.5416 | 2116.5516 |
| GU 11 | 1087.1584 | 2113.1437 |
| Manhole No | | |
| MH1 | 909.8634 | 2149.3893 |
| MH2 | 943.1657 | 2134.5002 |
| MH3 | 980.1797 | 2133.0708 |
| MH4 | 1049.6863 | 2126.2996 |
| MH5 | 1097.9703 | 2120.2253 |

| No. | AMENDMENTS DETAILS | DATE |
|-----|-------------------------|------|
| A | AMENDMENTS FOR COMMENTS | DATE |
| | | |
| | | |
| | | |