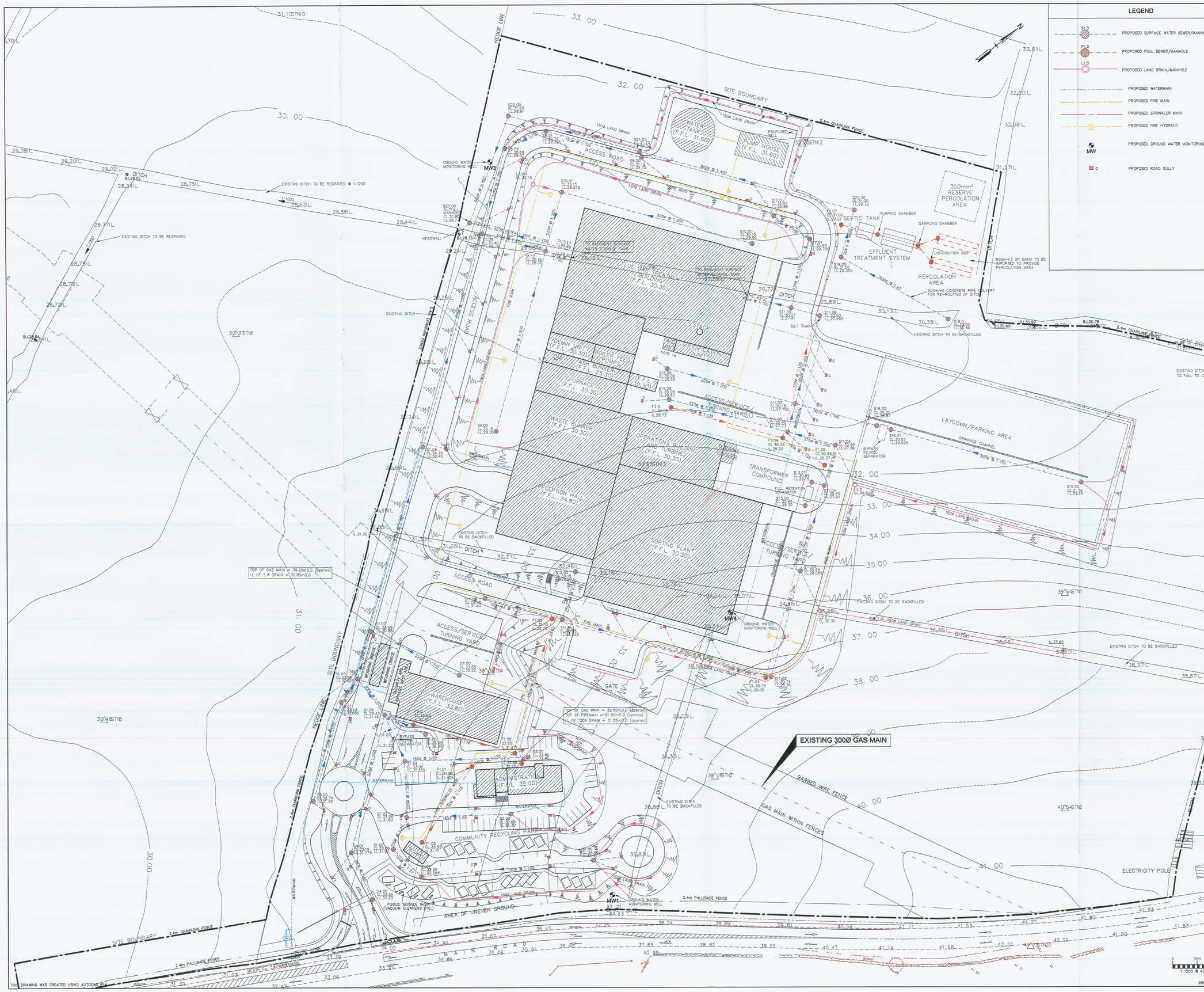


## LEGEND

- S1.0 — PROPOSED SURFACE WATER SEWER/MANHOLE
- F1.0 — PROPOSED FOUL SEWER/MANHOLE
- L1.0 — PROPOSED LAND DRAIN/MANHOLE
- PROPOSED WATERMAIN
- PROPOSED FIRE MAIN
- PROPOSED SPRINKLER MAIN
- H — PROPOSED FIRE HYDRANT
- MW — PROPOSED GROUND WATER MONITORING WELL
- G — PROPOSED ROAD GULLY

## NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. LEVELS ARE GIVEN IN METRES AND RELATE TO O.S DATUM MAIN HEAD.
3. ALL DIMENSIONS ARE GIVEN IN MILLIMETRES.
4. ALL DRAINAGE PIPELINES TO BE LAID SO AS TO PROVIDE 1.2m MINIMUM COVER UNDER PAVED SURFACES AND 0.9m MINIMUM COVER UNDER GRASSED AREAS. WHERE COVER TO DRAINAGE PIPELINES IS LESS THAN 1.2m IN PAVED AREAS, OR 0.9m IN GRASS THEY SHALL BE SURROUNDED IN 150mm CONCRETE.
5. PROPOSED SURFACE WATER DRAINS TO BE 'CLASS H' CONCRETE PIPES TO I.S. 6.
6. PROPOSED FOUL DRAINS TO BE VITRIFIED CLAYWARE PIPES TO I.S. 106.
7. PROPOSED 150ø LAND DRAIN TO BE FLEXIBLE uPVC. IN COIL TO B.S. 4660 OR B.S. 5481. ALL OTHER PROPOSED LAND DRAINAGE PIPEWORK TO BE PERFORATED CONCRETE PIPES TO I.S. 6.
8. FALL ACROSS ALL SURFACE WATER AND FOUL DRAINAGE MANHOLES TO BE 25mm
9. THE INVERT LEVEL GIVEN FOR EACH MANHOLE IS THE INVERT LEVEL AT THE OUTLET FROM THE MANHOLE.
10. FIREWATER AND SPRINKLER SUPPLY MAINS ARE DRAWN FROM AN UNDERGROUND AQUIFER AND STORED IN WATER TANK
11. ALL FOUL WASTE DRAINS TO DISCHARGE TO AN EFFLUENT TREATMENT SYSTEM BEFORE PASSING THROUGH A PERCOLATION SYSTEM
12. ALL GULLY CONNECTION TO 150ø CLASS H CONCRETE PIPES TO IS.6 @ 1:150 min ALL CONNECTIONS DIRECTLY TO SEWERS SHALL BE MADE USING A PROPRIETARY CONCRETE JUNCTION PIECE
13. SILT TRAPS TO BE PROVIDED ON LAND DRAIN WHERE IT ENTERS A STORM SEWER MANHOLE
14. AC UNIT REFERS TO ACTIVATED CARBON / LIME MIXTURE UNIT

Environmental Protection Agency
Waste Licensing
Received - 9 DEC 2001
Initials

| ISSUE | DESCRIPTION | DRN | CHK | AUTH CHK | APP | DATE |
|---|---|---|---|---|---|---|
| C | RE-ISSUE FOR INFORMATION | KMcK | MG | | MG | 06/12/01 |
| B | RE-ISSUE FOR INFORMATION | KMcK | GC | | MG | 10/08/01 |
| A | FOR INFORMATION | EMT | | | | 13/02/01 |

INDAVER

INDAVER IRELAND
4 HADDINGTON TCE
DUN LAOGHAIRE
CO. DUBLIN
TEL: +353 1 2145830
FAX: +353 1 2807865

Project Management Group Cork - Dublin

WILSON ASSOCIATES ARCHITECTS

PROJECT: WASTE MGMT FACILITY - CARRANSTOWN

TITLE: SITE DRAINAGE LAYOUT

| | | | |
|---|---|---|---|
| CLIENT REF. | | CLIENT DRG No. | |
| PROJECT No. | 2666 | CONTR DRG No. | 2666-22-DR-012 |
| A0 SCALE | NONE | | |

THIS DRAWING WAS CREATED USING AUTOCAD R14