



NOT TO BE USED FOR CONSTRUCTION

UTILITY SERVICES LEGEND

- FOUL DRAINAGE
 - FOUL AJ
 - FOUL DRAINAGE MANHOLE
 - STORM AJ
 - STORM DRAINAGE
 - STORM DRAINAGE MANHOLE
 - ROAD GULLY
 - WATER MAIN
 - SLUICE VALVE
 - FIRE HYDRANT
 - WATER METER
 - SCOUR VALVE
 - AIR VALVE
 - EIR
 - OVERHEAD LINE WITH POLE
 - EIR CHAMBER
 - EIR CHAMBER
 - ENET
 - COMMS
 - BT
 - CATV
 - GAS LINE AND SV
 - ELECTRICAL M/HOLE AND LINE
 - OVERHEAD LINE WITH POLE
 - MINI PILLAR
 - OVERHEAD ELECTRIC
 - 6m HIGH STREET LIGHT
 - EARTH LINE AND ROADS
 - UNIDENTIFIED SERVICE
 - UNABLE TO OPEN
- GL 00.00 GROUND LEVEL (metres - os datum)
 CL 10.00 COVER LEVEL (metres - os datum)
 IL 10.00 INVERT LEVEL (metres - os datum)
 DP150m DEPTH TO TOP OF SERVICE (metres)
 DP ON MANHOLES = INVERT LEVEL OF PIPE
 DP ON FOUL AND SURFACE WATER = INVERT OF PIPE

ROADS LEGEND

- PROPOSED KERB LINE
 - PROPOSED CENTRE LINE
 - PROPOSED SIGHT LINE
 - PROPOSED ROAD NO
 - PROPOSED ROAD LEVEL
 - PROPOSED FINISHED FLOOR LEVEL
 - CENTRELINE CHAINAGE
 - DROPPED KERBS
 - TACTILE PAVING AT CROSSINGS
 - GREY OF BUFF BLISTER
 - ROAD 1
 - FFL = 25.100
 - 4.0.000 = CHAINAGE (m)
 - DROP KERB
- LINE MARKING**
- L1 = 200MM THICK CONTINUOUS WHITE (RRM 017)
 - L2 = 100MM THICK CONTINUOUS WHITE (RRM 001)
 - L3 = 100MM THICK DOUBLE CONTINUOUS YELLOW (RRM 026)
- STOP MARKING (M 114)
 STOP SIGN (RUS 021)
- ALL MARKINGS AND SIGNS TO BE IN ACCORDANCE WITH DOT TRAFFIC SIGNS MANUALS CHAPTERS 5, 7, & 10.

DRAINAGE LEGEND

- PROPOSED FOUL SEWER & MANHOLE
- PROPOSED STORM SEWER & MANHOLE
- PROPOSED COMBINED SEWER & MANHOLE
- PROPOSED ROAD GULLY
- EXISTING FOUL SEWER & MANHOLE
- EXISTING STORM SEWER & MANHOLE
- EXISTING COMBINED SEWER & MANHOLE
- LAND DRAIN & CATCHPIT
- RIISING MAIN
- PRIVATE STORM DRAIN
- PRIVATE FOUL DRAIN
- DIRECTION OF FOUL FLOW
- DIRECTION OF STORM FLOW
- F2 IL= 14.500
- S2 IL= 14.500
- S2 IL= 14.500
- F4(Ex) IL= 14.500
- S17(Ex) IL= 14.500
- S17(Ex) IL= 14.500
- CP2

WATERMAIN LEGEND

- 100mm NOMINAL BORE
 - 150mm NOMINAL BORE
 - 200mm NOMINAL BORE
 - EXISTING WATERMAIN
 - SLUICE VALVE
 - FIRE HYDRANT
 - AIR VALVE
 - THRUST BLOCK
 - 12mm PE NOMINAL BORE PRIVATE WATERMAIN WITH A TALBOT MATRIX BOUNDARY BOX
 - WSR
- NOTES:**
1. ALL HOUSE DRAINS TO BE 150mmØ
 2. LOCAL DRAINS TO RUN AT A GRADIENT OF 1/4.0 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 GULLY SHALL BE MORE THAN 10m FROM A SURFACE WATER CONNECTION.
 4. HOUSE DRAINS SHALL NOT PASS THROUGH A PROPERTY THEY DO NOT SERVE.
 5. MANHOLES ON HOUSE DRAIN RUNS SHALL BE LOCATED IN PRIVATE PROPERTY IN ALL CASES.
 6. FOR SEWER LONG SECTIONS SEE DRAWING No. 139 SERIES
 7. FOR ROAD CONSTRUCTION DETAILS SEE DRG No. 151.
 8. FOR MANHOLE DETAILS SEE DRG No. 152.
 9. FOR PIPE BEDDING DETAILS SEE DRG No. 153.
 10. ALL PIPES WHEN ARE TO BE TAKEN IN CHARGE BY THE LOCAL AUTHORITY ARE TO BE CONCRETE PIPES COMPLYING WITH IS. 4 & IS. 156 OR B.S. 5911.

REV	DATE	DESCRIPTION	BY/CHKD/APP

Client
TIPPERARY COUNTY COUNCIL

PHM Consulting
 Civil - Structural - Environmental
 11 Mallow Street, Limerick, Ireland
 Tel: +353 (0)61 576200 E-mail: info@phm.ie Web: www.phm.ie

RESIDENTIAL DEVELOPMENT AT BANSHA, CO. TIPPERARY SITE SURVEY

Drawn	Scale	Project Number	Rev.
POR	1:250	109-70	~
Chkd	Date	Drawing Number	
POR	20/05/2020	110	A1
Apprd	Status		
EOD	PLANNING 02		