



MANHOLES:

ALL PROPOSED NEW MANHOLES TO BE PRECAST RING MANHOLES TYPE B UNLESS NOTED OTHERWISE. INTERNAL DIAMETERS OF MANHOLES TO BE 1050mm Ø WHERE DEPTH TO PIPE SOFFIT IS LESS THAN 1.5m, AND 1200mm Ø ELSEWHERE UNLESS NOTED OTHERWISE.

IC - DENOTES POLYPROPYLENE INSPECTION CHAMBER BY 'HEPWORTH' OR SIMILAR APPROVED INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

MANHOLE COVERS:

CARRIAGEWAYS GENERAL - EN124 CLASS D400  
CARRIAGEWAYS WITHIN 0.5 M OF KERB - EN124 CLASS C250  
SLOW MOVING HGV [38t] - EN124 CLASS B125  
SLOW MOVING GLV [10t] - EN124 CLASS B125  
SLOW MOVING PRIVATE CARS - EN124 CLASS B125

INTERNAL - JONES OF OSWESTRY - SUPRASTEEL DOUBLE SEALED WITH NEOPRENE GASKET AND COVER GREASE OR SIMILAR APPROVED.

REFER TO ARCHITECTS DRAWINGS FOR DETAILS OF ANY MANHOLE COVERS WHICH REQUIRE INSET PANELS.

DRAINAGE NOTES

- DO NOT SCALE FROM THIS DRAWING WORK TO FIGURED DIMENSIONS ONLY.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS ALLOWED WITHOUT PRIOR PERMISSION IN WRITING.
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
- THE CONTRACTOR SHALL INCORPORATE ALL THE REQUIREMENTS OF THE PRE-TENDER STAGE HEALTH AND SAFETY PLAN.
- FOR DETAILS OF MATERIALS AND WORKMANSHIP REFER TO THE SPECIFICATION.
- BEFORE STARTING WORK, CHECK INVERT LEVELS AND POSITIONS OF EXISTING DRAINS, SEWERS, INSPECTION CHAMBERS AND MANHOLES AGAINST INFORMATION SHOWN ON THIS DRAWING.
- LIAISE WITH LOCAL AUTHORITY AND MAKE THE NECESSARY APPLICATIONS TO CONNECT INTO EXISTING MANHOLES INCLUDING ROAD CLOSURES AND TRAFFIC MANAGEMENT PROVISIONS ETC. AS NECESSARY.
- ROCKER PIPES TO BE PROVIDED AT ALL CONCRETE CASED INTERFACES.
- PROVIDE ADEQUATE PROTECTION TO MAINTAIN MINIMUM COVER TO DRAINS DURING THE CONSTRUCTION PERIOD.
- COVER LEVELS ON THIS DRAWING ARE APPROXIMATE AND INDICATIVE ONLY ARCHITECT TO CONFIRM COVER LEVELS TO ALL MANHOLES AND GULLIES PRIOR TO CONSTRUCTION.
- THE LAYOUT OF DRAINAGE ON THIS DRAWING IS INDICATIVE ONLY ARCHITECT TO CONFIRM EXACT LOCATION OF MANHOLES AND GULLIES.
- U. N. O ALL DRAINAGE GOODS & FITTINGS TO BE:-
  - 1000 & 1500 TO BE SUPERSLEVE VITRIFIED CLAY PIPES OR SIMILAR.
  - 225 TO BE HEPSEAL VITRIFIED CLAY PIPES OR SIMILAR.
  - ABOVE 300 TO BE CONCRETE BY STANTON BONA OR SIMILAR.
- ALL COVERS AND RODDING ACCESS POINTS TO BE SEALED AND SCREWED TIGHT.
- ALL INTERNAL MANHOLE COVERS TO BE SEALED AND LOCKABLE WHERE APPLICABLE.
- PROPOSED COVER LEVELS ASSUMED, SUBJECT TO ARCHITECTS FINAL LANDSCAPING DESIGN.
- SETTING OUT OF ALL INTERNAL GULLY/PLUMBING CONNECTIONS TO BE CO-ORDINATED BETWEEN THE SERVICE ENGINEERS AND THE ARCHITECT.
- ALL SURFACE WATER PIPE SIZES TO BE 100mm DIAMETER AT MINIMUM FALLS OF 1:100 UNLESS NOTED OTHERWISE
- CONNECTING DRAINAGE BETWEEN GULLIES/SVP'S AND MANHOLES NOT INDICATED ON DRAWING TO BE 1000 @ 1:40 U.N.O.
- ALL CONNECTIONS TO BE MADE IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS.
- ALL PIPEWORK TO BE INSTALLED WITH SOFFITS LEVEL (E.G. AT CHANGES IN PIPE SIZE) U.N.O.
- FOR DETAILS OF GREASE TRAP/MACERATOR REQUIREMENTS ASSOCIATED WITH KITCHENS REFER TO SERVICE ENGINEER.

CONTRACTORS NOTE !

PRIOR TO COMMENCING INSTALLATION OF DRAINAGE THE CONTRACTOR IS TO CARRY OUT AN ACCURATE SURVEY OF COVER AND INVERT LEVELS OF EXISTING DRAINAGE AND ADVISE OF ANY DISCREPANCIES IN CONNECTIVITY OR DEPTHS.

LEGEND

- DENOTES EXISTING FOUL
- DENOTES EXISTING SURFACE
- FWMH DENOTES PROPOSED FOUL WATER DRAIN & MANHOLE
- SWMH DENOTES PROPOSED SURFACE WATER DRAIN & MANHOLE
- SS OR SVP DENOTES SOIL STACK OR SOIL VENT PIPE
- G DENOTES RODABLE YARD GULLY
- RWP DENOTES RAIN WATER PIPE WITH RODABLE ACCESS
- RE DENOTES RODDING EYE

\*\* CONNECTIONS TO POINTS INDICATED THUS TO BE REMOVED AND GRUBBED UP

Rev.	Amendment	Date	By	Chkd
Project New Mills Golf Club Activities & Community Room				
Client New Mills Golf Club				
Title GA OF BELOW GROUND DRAINAGE				
Drawn NG	Checked	Date July 2012	Scale 1:100	
Job No. 1201	Drawing No. E101			