



KEY:

	EXISTING SURFACE WATER DRAIN		GREEN SHADE INDICATES DRAINAGE BELOW BASEMENT LEVEL TO BE HOPE FULLY WELDED PIPEWORK TO BE WATER TIGHT TO 6m HEAD. CHAMBERS AT THIS LEVEL TO BE WATER TIGHT PIPES PREFABRICATED CHAMBERS OR SIMILAR APPROVED.
	EXISTING FOUL WATER DRAIN		DRAIN ABANDONED BY EXCAVATION OR GRAUT FILLING. MAIN DRAINS SHOWN ONLY. ALLOW FOR SIGNIFICANT NUMBER OF SMALL DRAINS AND BRANCHES. REFER TO SERVICES SURVEY.
	EXISTING COMBINED WATER DRAIN		SLAB PENETRATION FOR DRAINAGE - SEE SCHEDULE D ON DRG. 14132-C05
	PROPOSED SURFACE WATER DRAIN, 100mm Ø UNLESS NOTED OTHERWISE		INSPECTION CHAMBER REFERENCE - SEE SCHEDULE D ON DRG. 14132-C05
	PROPOSED FOUL WATER DRAIN, 100mm Ø UNLESS NOTED OTHERWISE		RAINWATER DOWNPIPE LOCATIONS FROM SERVICES SURVEY - RAINS TO REMAIN CONNECTED TO NEAREST EXISTING STORM DRAIN UNLESS PICKED UP BY NEW SYSTEM AS SHOWN
	PROPOSED COMBINED WATER DRAIN		
	PROPOSED DELTA DRAIN RUN BENEATH SLAB		
	DELTA DRAIN SUMP UNIT - COVERS AS DRG. 14132-C06. FOR POWER SUPPLY AND TELEMETRY REFER TO M&E CONSULTANTS DRAWINGS.		

- General Notes**
- This drawing is to be read in conjunction with all relevant architectural & engineering drawings & specifications.
 - The contractor is to be responsible for all dimensions & for the correct setting out of the works on site.
 - Do not scale from this drawing.
- NOTES:**
- NOT USED.
 - TERRACE DRAIN SYSTEM IS DESIGNED BASED ON PRELIMINARY SITE INVESTIGATION AS AN INFILTRATION SYSTEM. SUBJECT TO POROSITY TESTING, THE SYSTEM MAY NEED TO REVERT TO AN ATTENUATION SYSTEM, HOWEVER STORAGE VOLUMES WOULD BE SIMILAR.
 - PUMPING STATIONS AS DRAWING C03.
 - ALL DRAINAGE BELOW BASEMENT SLAB LEVEL WITHIN WATER TABLE TO BE FORMED IN FULLY WELDED MOPE. ALL MANHOLE CHAMBERS BENEATH BASEMENT SLAB TO BE FULLY SEALED THERMOPLASTIC OR SIMILAR APPROVED.
 - ALL EXISTING MANHOLES BEING RETAINED ARE TO HAVE COVERS INSPECTED AND REPLACED AS INSTRUCTED BY THE C.A. FOR COSTING ALLOW FOR 30% REPLACEMENT.
 - EXISTING CHANNEL AND GULLY TO HAVE COVERS RAISED TO SUIT NEW PAVING LEVELS OVER BASEMENT LIBRARY. ASSUME GULLY RAISED 250mm. OUTLET RETAINED. CHANNEL TO BE RE-LAID TO ENSURE INVERT FALLS BACK TOWARDS EXISTING GULLY. ALLOW FOR RELAYING 10m OF CHANNEL. LOCAL SURFACINGS TO BE RAISED AS NECESSARY, ALLOW FOR RAISING 50mm OF SURFACING BETWEEN 0-250mm.
 - PIPE MATERIALS TO BE AS SHOWN ON G.A. DRAWING. WHERE MATERIALS ARE NOT CALLED OUT, THEN PIPE MATERIALS ARE AN OPEN SPEC AND TO BE SELECTED FROM THE R12 300 SERIES OF MATERIALS (CLAY, PLASTIC, DUCTILE IRON).
 - WHERE PIPES ARE CAST THROUGH WALL, THESE ARE TO BE SEALED AS WATERPROOFING MANUFACTURERS STANDARD DETAILS AT MINIMUM PROVIDE HYDROBLOC SEALANT BANDS TO PIPE.

Rev	Date	Amendments
C17	07.04.18	RECYCLING TANK LOCATION COORDINATED WITH M&E.
C16	13.03.18	F14A ALARM ROUTE UPDATED. MH S8 REDRAWN TO BRICK.
C15	18.02.18	MANHOLE AT ROOFWATER RECYCLING REVD. OFF SITE FOUL ROUTE REVD. F14a REVD. DRAINAGE TO SOUTH OF SOUTHERN TERRACE REVD.
C14	09.01.18	OFF SITE MANHOLE F14 OMITTED.
C13	14.10.17	SOUTHERN TERRACE DRAIN POINT REFERENCES AND LEVEL POINTS ADDED.
C12	14.06.17	E.T. PLATROOM LEVEL REVISED.

Construction

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Project Title
HONOURABLE SOCIETY OF LINCOLN'S INN.

Drawing Title
BELOW GROUND DRAINAGE G.A. SHEET 1, BASEMENT AND EXTERNALS

Project Number
14132

Scale @ A0
1:100 @ A0

Date
APR 2015

Drawn by
MS

Checked by
MJ

Drawing Number
14132-C01

Revision
C17