



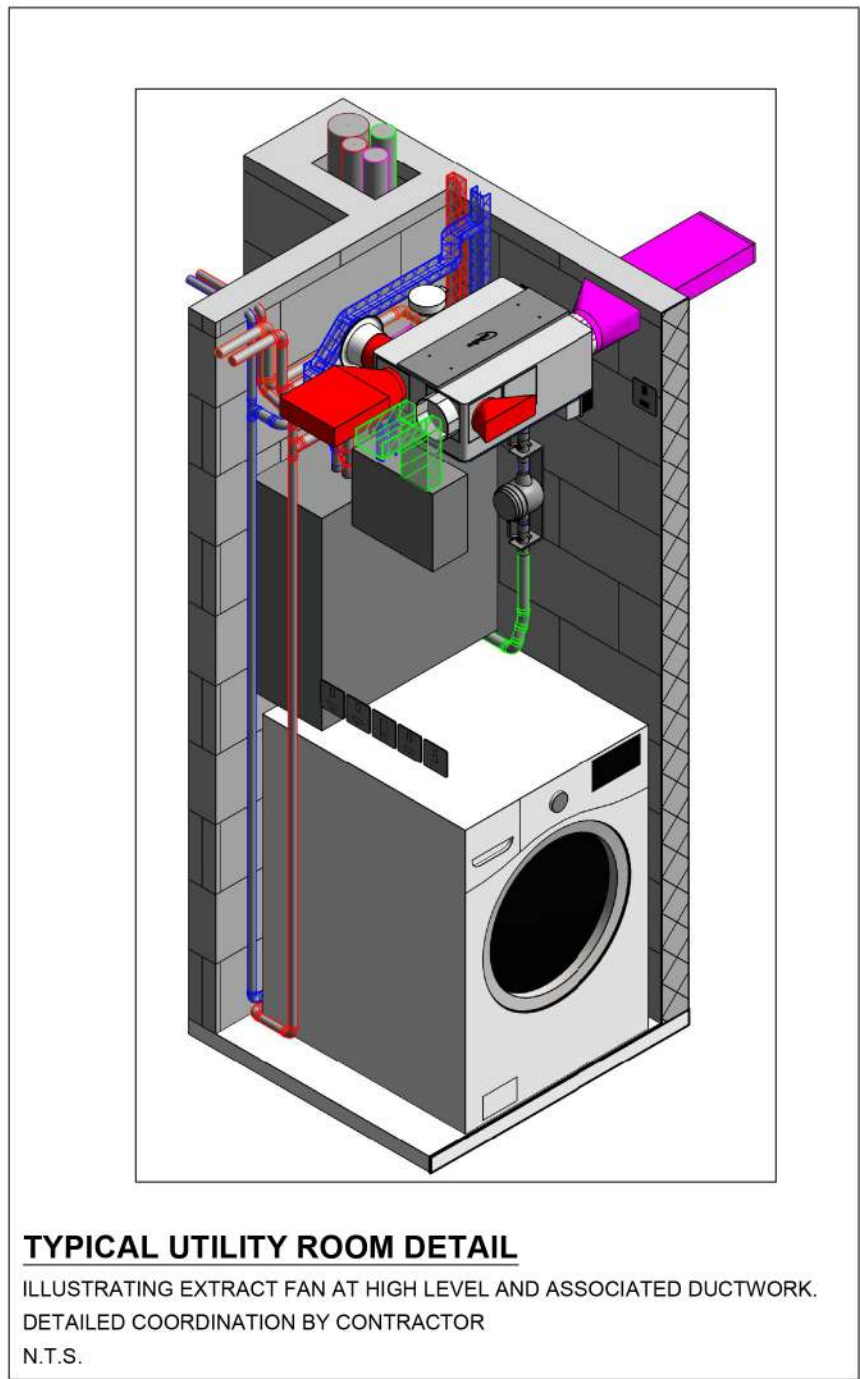
KEYPLAN

NOTES

- FOR ASSOCIATED VENTILATION SYSTEM LAYOUTS REFER TO IN2 ENGINEERING M2000 SERIES DRAWINGS.
- LOCATION AND COORDINATION OF ALL DUCTWORK T.B.C.
- ALL DUCTWORK WHERE NOT INDICATED AS FLAT PACK TO BE CIRCULAR RIGID TYPE, WITH FLEXI TYPE FINAL CONNECTIONS. FLEXIBLE CONNECTIONS SHALL BE 300mm LONG OR LESS.
- ALL DUCT WORK AND FLUE PENETRATIONS THROUGH FIRE WALLS AND CEILINGS TO BE COMPLETE WITH INTUMESCENT FIRE COLLARS/DAMPERS.
- POSITIONS OF KITCHEN APPLIANCES T.B.C.
- POSITIONS AND LOCATION OF ALL EXHAUST LOUVRES, AIR BRICKS & ROOF COWLS T.B.C.
- SPECIFICATION OF KITCHEN HOOD AS PER ARCHITECTS SPECIFICATION
- AIR BRICKS AS PER ARCHITECTS SPECIFICATION
- FREE AREA OF AIR BRICKS, ROOF COWLS AND LOUVRES TO MATCH CROSS SECTIONAL AREA OF DUCT
- ALL DUCTWORK SIZES NOTED ARE INTERNAL SIZES
- FINAL POSITION OF EXTRACT FANS T.B.C.
- ACCESS PANELS SHALL BE PROVIDED IN CEILING TO ALL ATTENUATORS
- SPECIFICATION OF ROOF COWL BY CONTRACTOR

VENTILATION SERVICES SCHEDULE OF SYMBOLS

| ITEM KEY: | DESCRIPTION | REF: |
|---------------|---------------------------|-----------------|
| XX 1/s | EXTRACT DISC VALVE | EG.XX.XX |
| XXX 1/s | FUSIBLE LINK FIRE DAMPER | FD.XX.XX |
| VVV | VOLUME CONTROL DAMPER | VCD.XX.XX |
| [Red line] | EXTRACT DUCTWORK | |
| [Blue line] | SUPPLY DUCTWORK | |
| [Green line] | EXHAUST DUCTWORK | |
| [Yellow line] | FRESH AIR INTAKE DUCTWORK | |
| [Symbol] | ITEM (FIRE DAMPER) | FD.XX.XX |
| [Symbol] | UNIT REFERENCE | |
| [Symbol] | SEQUENTIAL ITEM No. | |
| [Symbol] | ATTENUATOR | ATT.XX.XX |
| [Symbol] | ACCESS PANEL | |
| [Symbol] | DOOR UNDERCUT | |
| [Symbol] | DUCTWORK RISE / FALL | TO / FROM ABOVE |
| [Symbol] | DUCTWORK RISE / FALL | TO / FROM BELOW |

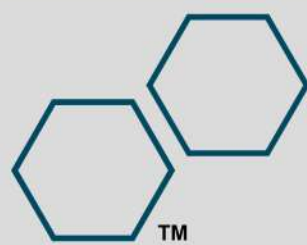


TYPICAL UTILITY ROOM DETAIL
ILLUSTRATING EXTRACT FAN AT HIGH LEVEL AND ASSOCIATED DUCTWORK.
DETAILED COORDINATION BY CONTRACTOR
N.T.S.

| | | | |
|--|--|--|--|
| BOILER SUPPLY / EXTRACT FAN AS PER SPECIFICATION | CENTRAL EXTRACT FAN AS PER SPECIFICATION | CIRCULAR DISC VALVE AS PER SPECIFICATION | EXHAUST LOUVRE AS PER ARCHITECTS SPECIFICATION |
| SINGLE FAN AS PER SPECIFICATION | ROOF COWL AS PER SPECIFICATION | FLAT DUCT AS PER SPECIFICATION | HRU AS PER SPECIFICATION |

NOTE: ARCHITECTURAL DRAWING USED FOR COMPILATION OF IN2 DRAWING.
ARCHITECTURAL DRAWING REVISION : P6
DATE RECEIVED : 28.09.2018

| | | | | | | |
|--------|------------|--------------|-----|-----|-----|-----|
| D2 | 12.10.2018 | TENDER ISSUE | JDT | IPG | BF | T2 |
| D2 | 28.06.2018 | TENDER ISSUE | JDT | IPG | BF | T1 |
| STATUS | DATE | DESCRIPTION | DRN | ENG | APP | REV |



IN2
ENGINEERING DESIGN PARTNERSHIP
DUBLIN . ATHLONE . BELFAST . LONDON



PROJECT
BELSIZE PARK FIRESTATION
CLIENT
PLATINUM LAND

DRAWING TITLE
MECHANICAL SERVICES INSTALLATION
FIRST FLOOR LEVEL
VENTILATION SERVICES LAYOUT

SCALE
1:100 @ A1
1:200 @ A3

SIZE
A1

PROJECT REF:
L18051

DRAWING No.
L18051-IN2-00-01-DR-M-2001

STATUS
D2

REVISION
T2