

NOTE: PROFILED PRE-CAST LINTELS TO OUTER FACING LEAF OF MASONRY TO SPECIALIST DESIGN - REFER TO ARCHITECT'S SPECIFICATIONS

CS = CONNECTION TO EXISTING STEEL

ALL STEELWORK SETTING OUT TO BE CONFIRMED BY FABRICATORS SURVEY PRIOR TO FABRICATION

GENERAL TYING REQUIREMENTS

STEEL-MASONRY WALL TIES: ALL UEA PFC AND COLUMN SECTIONS TO BE FIXED WITH HILTI M12 GRADE 8.8 HIT HY-270 ANCHORS AT MAX 225mm c/c. MIN 100mm EMBEDMENT INTO BRICK CENTRES WHERE POSSIBLE UNO.

MASONRY-MASONRY WALL TIES: ALL NEW MASONRY WALLS ADJACENT TO EXISTING TO BE TIED WITH PROPRIETARY MASONRY TIES UNO. ALL NEW CAVITY WALLS TO BE TIED TOGETHER WITH BRICK STARTER SYSTEM.

STEEL-SLAB TIES: ALL UEA AND PFC SECTIONS RUNNING ALONG EXISTING AND NEW SLAB EDGES TO BE TIED WITH H12 BARS DRILLED AT 400mm c/c THROUGH, MIN 150mm EMBEDMENT.

CONCRETE METAL-DECK INFILLS TO MASONRY WALL TIES: ALL NEW CONCRETE METAL DECK INFILLS TO BE TIED TO ADJACENT MASONRY WALLS WITH HILTI M12 GRADE 8.8 HIT HY-270 ANCHORS AT MAX 225mm c/c. MIN 100mm EMBEDMENT INTO BRICK CENTERS WHERE POSSIBLE UNO.

- 1 NOTE: EXISTING TIMBER FLOOR TO REMAIN UNDER NEW RAISED TIMBER FLOOR COMPRISED OF 200x50 C24 JOISTS POSITIONED ADJACENT TO EXISTING JOIST LINES (AROUND 400 c/c) AND 20mm PLY OVER.
- 2 NOTE: ADDITIONAL ALLOWANCE AT FIRST FLOOR FOR 150x50 C24 JOISTS @ 400 c/c TO UNDERSIDE OF EXISTING JOIST TO SUPPORT NEW ACOUSTIC AND FIRE RATED CEILING

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DO NOT SCALE FROM THIS DRAWING.
ANY DRAWING ERRORS OR DIVERGENCES SHOULD BE BROUGHT TO THE ATTENTION OF ENGENUITI AT THE ADDRESS SHOWN BELOW.

NOTES

BACKGROUND DRAWING INFORMATION BASED ON:
- ORMS ARCHITECTS ZONE 2 DRWS. SERIES 1793 2 GA/XX/XX
- 3-SIXTY EXISTING SURVEY DRWS. SERIES 07397-01 TO 07397-38
SEE ELEVATIONS 029-ZZ-S-4XX SERIES FOR DETAILS REGARDING REPAIR OF EXISTING EXTERNAL STRUCTURE (ROOFING AND FACADES)

- EXISTING TIMBER FLOOR
EXISTING "HOLLOW POT" FLOOR SLAB
EXISTING "FILLER JOIST" FLOOR SLAB
NEW POST-JOIST TIMBER FLOOR, SIZE AS NOTED ON DRAWINGS
NEW TIMBER JOIST FLOOR, SIZE AS NOTED ON DRAWINGS
NEW PROFILED METAL AND CONCRETE FLOOR. TATA COMFLOR 60.1.2 GAUGE, 140mm DEEP, A2S2 MESH UNO
NEW REINFORCED CONCRETE FLOOR. THICKNESS AS NOTED ON DRAWINGS
NEW STEEL BEAM
EXISTING STEEL BEAM
NEW DOUBLE TIMBER MEMBER

LINTEL SCHEDULE
L1 = 152x152x37 UC S355 PER 150mm WIDTH OF MASONRY
L2 = 152x152x23 UC S355 PER 150mm WIDTH OF MASONRY
L3 = NAYLOR 140x100 R3 LINTEL
L4 = NAYLOR 215x140 R7 LINTEL
L5 = NAYLOR 215x215 S8 LINTEL
L6 = NAYLOR ULTRA 215-S LINTEL
L7 = NAYLOR FIRE R7 LINTEL
L8 = NAYLOR FIRE R3 LINTEL

- BLOCKWORK WALL, 140mm THICK UNO.
TIMBER STUD WALL, SIZE AS NOTED ON DRAWINGS
BRICKWORK WALL, SIZE AS NOTED ON DRAWINGS
REINFORCED CONCRETE WALL, SIZE AS NOTED ON DRAWINGS

AFTER DEMOLITION OF EXISTING BUILDINGS, STRUCTURE TO BE RE-SURVEYED TO CONFIRM EXTENT OF REMAINING STRUCTURE

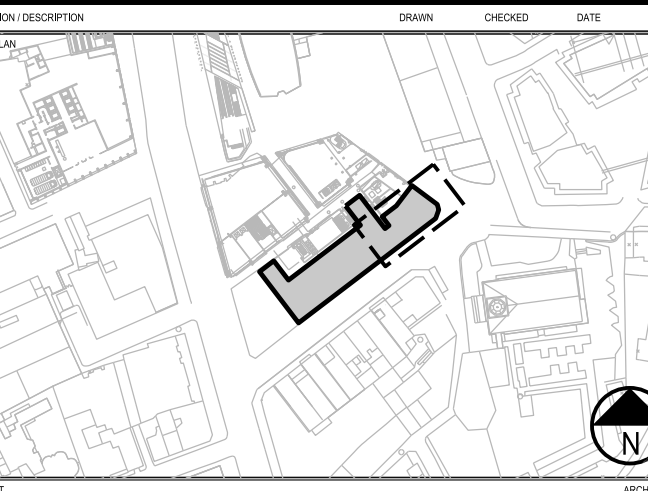
DESIGN OF NEW STAIRS BY OTHERS UNO.

ALLOW FOR PADSTONES TO ALL NEW STEEL BEAM ENDS INTO EXISTING AND NEW MASONRY WALLS

WP = WIND POST LOCATION, DESIGNED BY OTHERS

PADSTONE SCHEDULE
P1= USE EXISTING PADSTONE
P2= 450 LONG x 150 HIGH x 150 DEEP MASS CONCRETE
P3= 675 LONG x 225 HIGH x 150 DEEP MASS CONCRETE
P3a= 500 LONG x 225 HIGH x 250 DEEP MASS CONCRETE

FOR PLANNING



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PROJECT TITLE
ST GILES CIRCUS, LONDON WC1

PROJECT TITLE
**ZONE 2
No. 26 - 28 DMS & ST GHS
SECOND FLOOR G.A.**

SCALE
1:50
@ A1
@ A3

DATE
28.05.15

PROJECT NUMBER
029

DRAWING NO.
ZZ-S-125

REVISION
C2