

GENERAL TIEING 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 300mm 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 PROPERTY 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 BE TIED TO ADJACENT MASONRY WALLS WITH HILTI M12 GRADE 8.8 HIT HY-270 ANCHORS AT MAX 300mm c/c. MIN 100mm EMBEDMENT INTO BRICK CENTRES WHERE POSSIBLE UNO.

ENGENUITI SHALL HAVE NO RESPONSIBILITY FOR ANY USE MADE OF THIS DOCUMENT OTHER THAN FOR THAT WHICH IT WAS PREPARED AND ISSUED.

ALL DIMENSIONS SHOULD BE CHECKED ON SITE.

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 0739-F01 TO 0739-F38

SEE ELEVATIONS 029-Z2-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
- ←PJ→ NEW POZI-JOIST TIMBER FLOOR, SIZE AS NOTED ON DRAWINGS
- ←TU→ NEW TIMBER JOIST FLOOR, SIZE AS NOTED ON DRAWINGS
- ←MD→ NEW PROFILED METAL AND CONCRETE FLOOR, TATA COMFLOR 60.1.2 GAUGE, 150mm DEEP, A252 MESH UNO
- ←RC→ 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 = ANCON SH130E LINTEL
 - L4 = ANCON SU130E LINTEL
 - L5 = ANCON SUX130E LINTEL
 - L6 = NAYLOR ULTRA 215-S LINTEL
 - L7 = NAYLOR FIRE R8 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

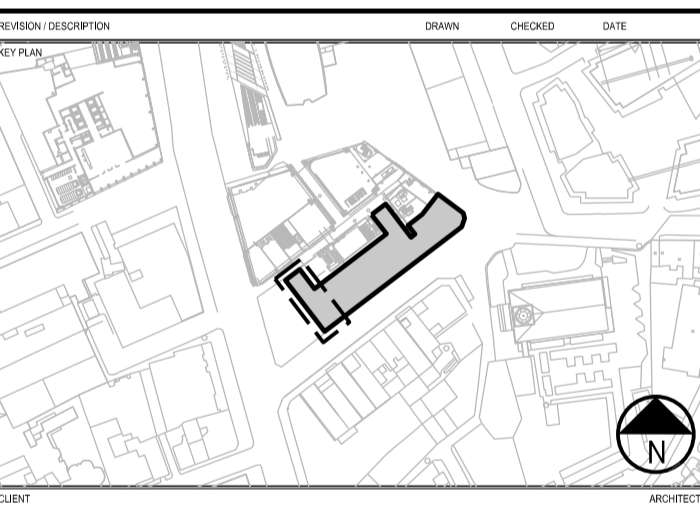
DESIGN OF NEW STAIRS BY OTHERS U.N.O.

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

W/P = WIND POST LOCATION, DESIGNED BY OTHERS

- PADSTONE SCHEDULE**
- P1= USE EXISTING PADSTONE
 - P2= 450 LONG x150 HIGH x100 DEEP MASS CONCRETE
 - P3= 675 LONG x225 HIGH x100 DEEP MASS CONCRETE

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PROJECT THE
ST GILES CIRCUS, LONDON WC1

PROJECT NO. ZONE 2	SCALE 1:50 @ A1 @ A3
PROJECT NAME No. 20 DMS THIRD FLOOR G.A.	DATE 28.05.15
PROJECT NUMBER 029	REVISION Z2-S-131 PL01

