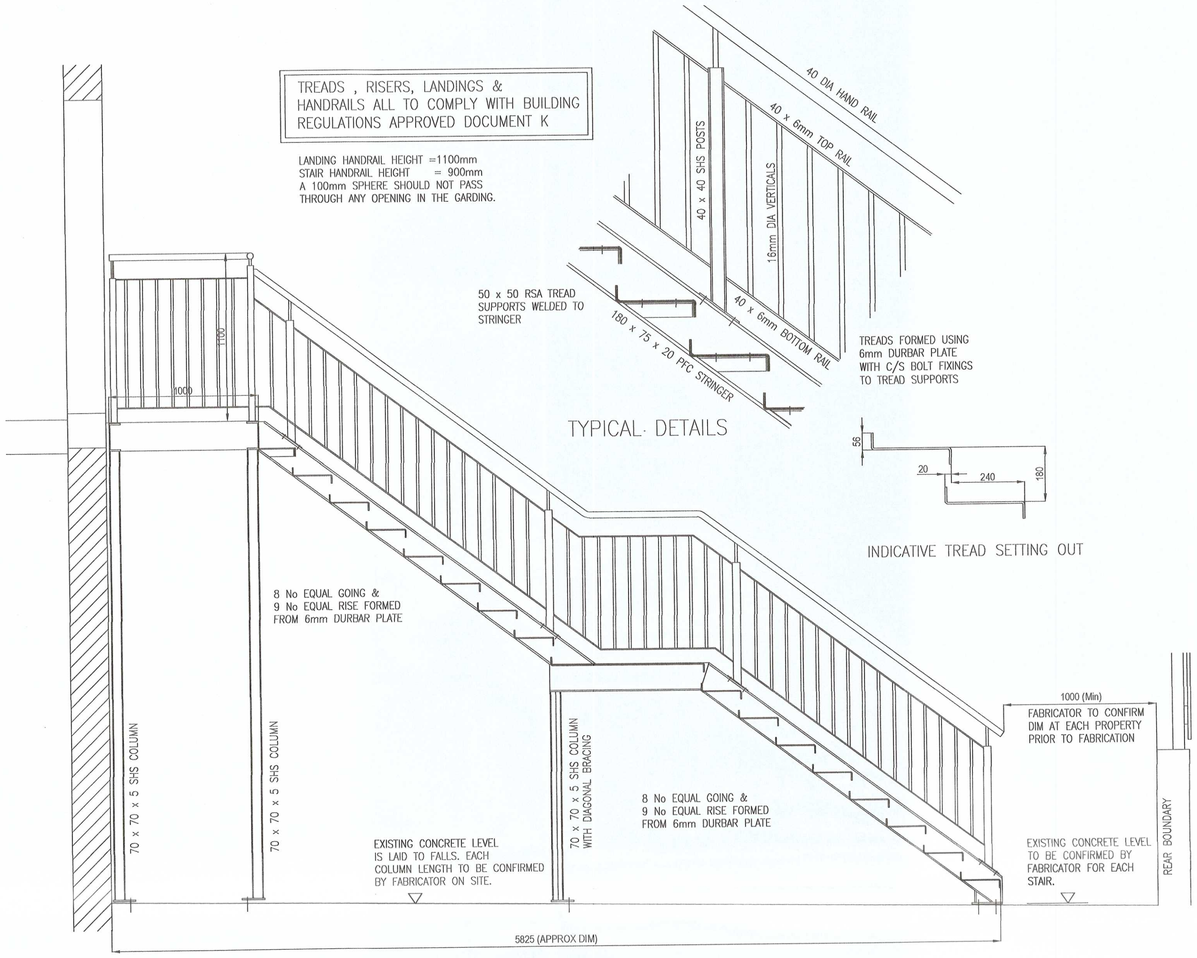
TREADS , RISERS, LANDINGS & HANDRAILS ALL TO COMPLY WITH BUILDING REGULATIONS APPROVED DOCUMENT K

LANDING HANDRAIL HEIGHT =1100mm
STAIR HANDRAIL HEIGHT = 900mm
A 100mm SPHERE SHOULD NOT PASS THROUGH ANY OPENING IN THE GARDING.



TYPICAL SECTION

TYPICAL DETAILS

INDICATIVE TREAD SETTING OUT

TREADS FORMED USING 6mm DURBAR PLATE WITH C/S BOLT FIXINGS TO TREAD SUPPORTS

PROPERTY ADDRESSES – ARNOLD STREET

STAIRCASES AS DRAWN	STAIRCASES OPPOSITE HAND
26 / 28 ARNOLD STREET	9 / 11 ARNOLD STREET
30 / 32 ARNOLD STREET	13 / 15 ARNOLD STREET
34 / 36 ARNOLD STREET	33 / 35 ARNOLD STREET
38 / 40 ARNOLD STREET	53 / 55 ARNOLD STREET
50 / 52 ARNOLD STREET	65 / 67 ARNOLD STREET
130 / 132 ARNOLD STREET	77 / 79 ARNOLD STREET
134 / 136 ARNOLD STREET	
137 139 ARNOLD STREET	
185 / 187 ARNOLD STREET	
193 / 195 ARNOLD STREET	
201 / 203 ARNOLD STREET (Check distance between flight and boundary wall)	
202 / 204 ARNOLD STREET	
206 / 208 ARNOLD STREET	
233 / 235 ARNOLD STREET	
234 / 236 ARNOLD STREET	
229 / 231 CHARLES STREET	

PROPERTY ADDRESSES – CHARLES STREET

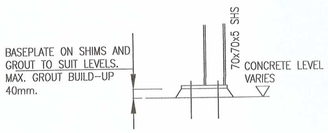
STAIRCASES AS DRAWN	STAIRCASES OPPOSITE HAND
7 / 9 CHARLES STREET	59 / 61 CHARLES STREET
23 / 25 CHARLES STREET	
31 / 33 CHARLES STREET	
39 / 41 CHARLES STREET	
55 / 57 CHARLES STREET	
68 / 70 CHARLES STREET	
127 / 129 CHARLES STREET	
135 / 137 CHARLES STREET	
217 / 219 CHARLES STREET	

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE AND ADJUST STAIR FLIGHTS ACCORDINGLY. CONTRACTOR TO CONTACT CA TO DISCUSS ANY VARIANCE ON THE TENDERED DETAILS.

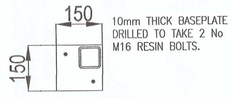
GENERAL NOTES FOR INFO FROM STRUCTURAL ENGINEER;
FOR INFORMATION, BASED ON SITE DIMENSIONS BETWEEN THE BACK OF EACH OFFSHOOT AND THE REAR YARD WALL ON STAIRCASE TYPE 1 WE ADVISE AS FOLLOWS;

EVEN NUMBERS ON ARNOLD STREET - DIMENSIONS GENERALLY 6.8 – 6.9M, TREADS MAY NEED TO BE SHORTENED OR 90 DEGREE WIND ADDED TO BOTTOM OF STAIR FLIGHT, AT TWO ADDRESS, 201/203 AND 233/235 THE DISTANCE WAS BETWEEN 6M AND 6.3M SO 90 DEGREE WIND REQUIRED

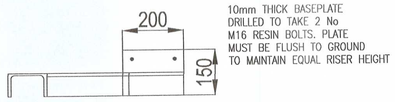
ODD NUMBERS ON ARNOLD STREET – DIMENSIONS GENERALLY OVER 7.5M THEREFORE ALLOW FOR STAIR LENGTH AS DRAWN.
ALL PROPERTIES ON CHARLES STREET - TREADS MAY NEED TO BE SHORTENED OR 90 DEGREE WIND ADDED TO BOTTOM OF STAIR FLIGHT ***FABRICATOR/CONTRACTOR TO CHECK ALL ON SITE DIMS PRIOR TO FABRICATION***



TYPICAL SECTION



TYPICAL BASEPLATE



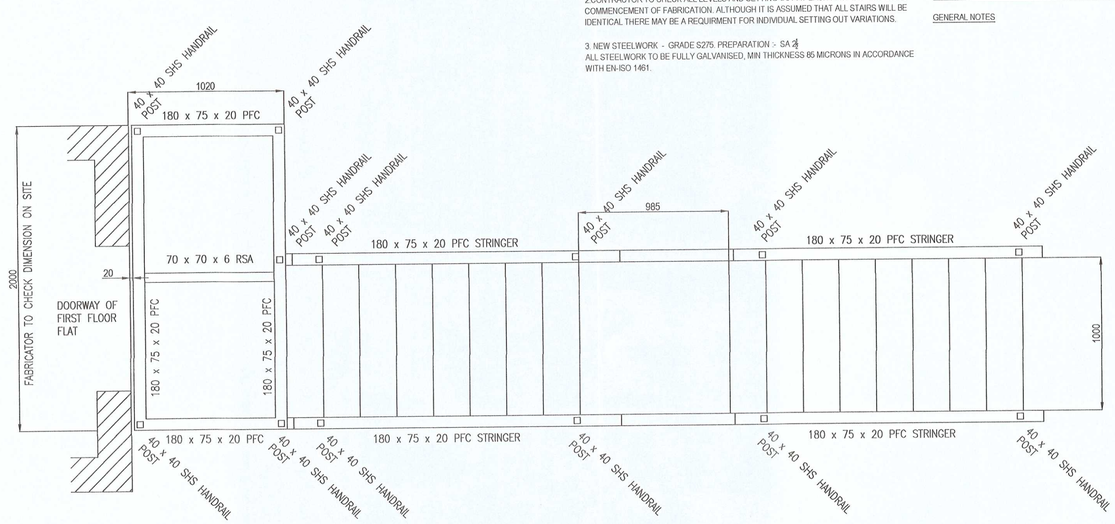
TYPICAL STRING BASE

STEELWORK NOTES

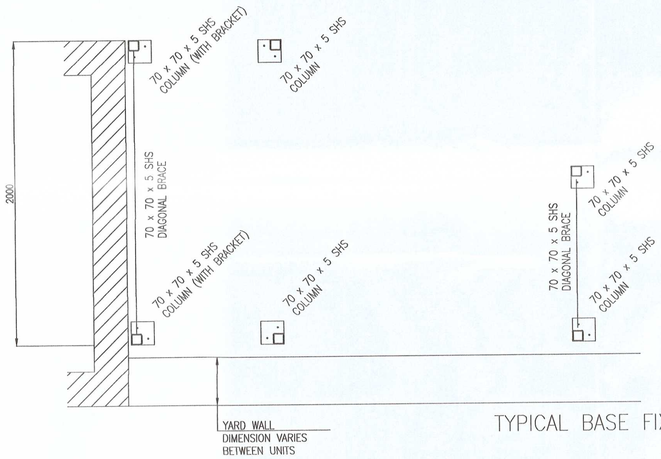
1. ALL WORKMANSHIP AND FABRICATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION (NSSS) AS PUBLISHED BY THE BRITISH CONSTRUCTIONAL STEELWORK ASSOCIATION. FABRICATOR TO CONFIRM ALL LENGTHS AND SETTING OUT ON SITE

2. CONTRACTOR TO CHECK ALL LEVELS AND SETTING OUT AT EACH PROPERTY PRIOR TO COMMENCEMENT OF FABRICATION. ALTHOUGH IT IS ASSUMED THAT ALL STAIRS WILL BE IDENTICAL THERE MAY BE A REQUIRMENT FOR INDIVIDUAL SETTING OUT VARIATIONS.

3. NEW STEELWORK - GRADE S275. PREPARATION :- SA 2½
ALL STEELWORK TO BE FULLY GALVANISED, MIN THICKNESS 85 MICRONS IN ACCORDANCE WITH EN-ISO 1461.



TYPICAL STAIR FLIGHT LAYOUT



TYPICAL BASE FIXING LAYOUT





INDICATIVE EXAMPLE OF EXISTING STAIR FLIGHT (FOR INFORMATION)

SOUTH TYNESIDE COUNCIL RECEIVED 28 AREA PLANNING

ST0826/18FUL

18087 A1

Contractors should refer to the residual risks in the CDM Pre Construction Information before carrying out any site operations and should not issue parts of this drawing without including the CDM notes and references. This information will include details of the SIGNIFICANT risks which Harrow Ltd have considered beyond that which a competent contractor should be aware.

DO NOT SCALE FROM THIS DRAWING

GENERAL NOTES

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W: www.harrowltd.com

HARROW:

Rev	Date	Description	Drn	Chkd
P1	18.07.18	ISSUED AS PRELIMINARY	WT	JH

Project: BOLDON COLLIERY - FIRE ESCAPE STAIRS

Client: HOME GROUP LTD

Architect:

Title: STAIRCASE TYPE 1

Scale	Drawing Number	Rev.
1:20	S-001	P1

HARROW:

Status: PRELIMINARY