

NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF MALONE O'REGAN CONSULTING ENGINEERS AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DRAWING WAS ORIGINALLY CREATED.

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, SPECIFICATIONS AND THE PRELIMINARY HEALTH & SAFETY PLAN.

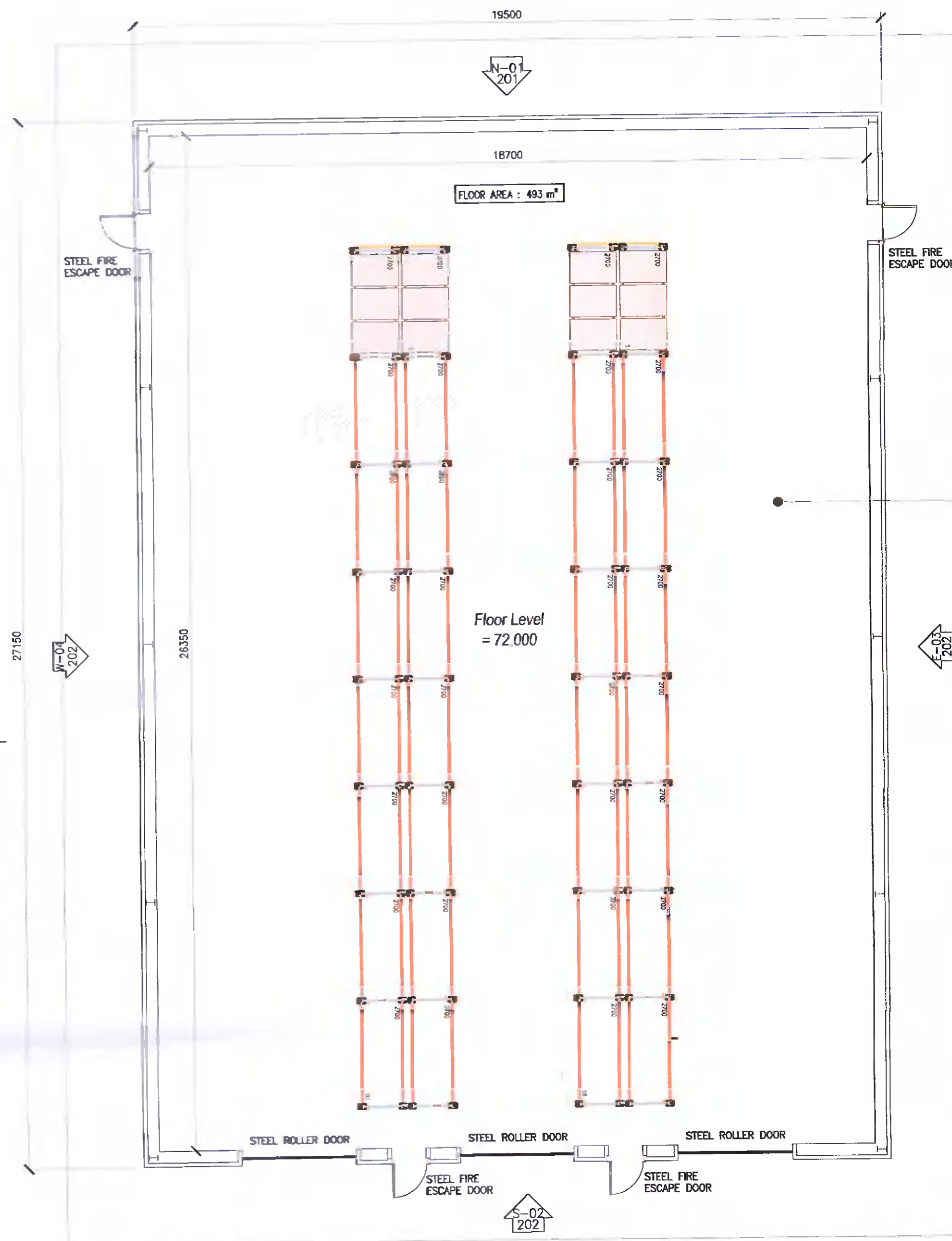
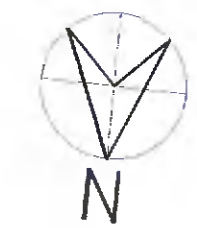
ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE. DO NOT SCALE DIMENSIONS.

THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

NOTES:

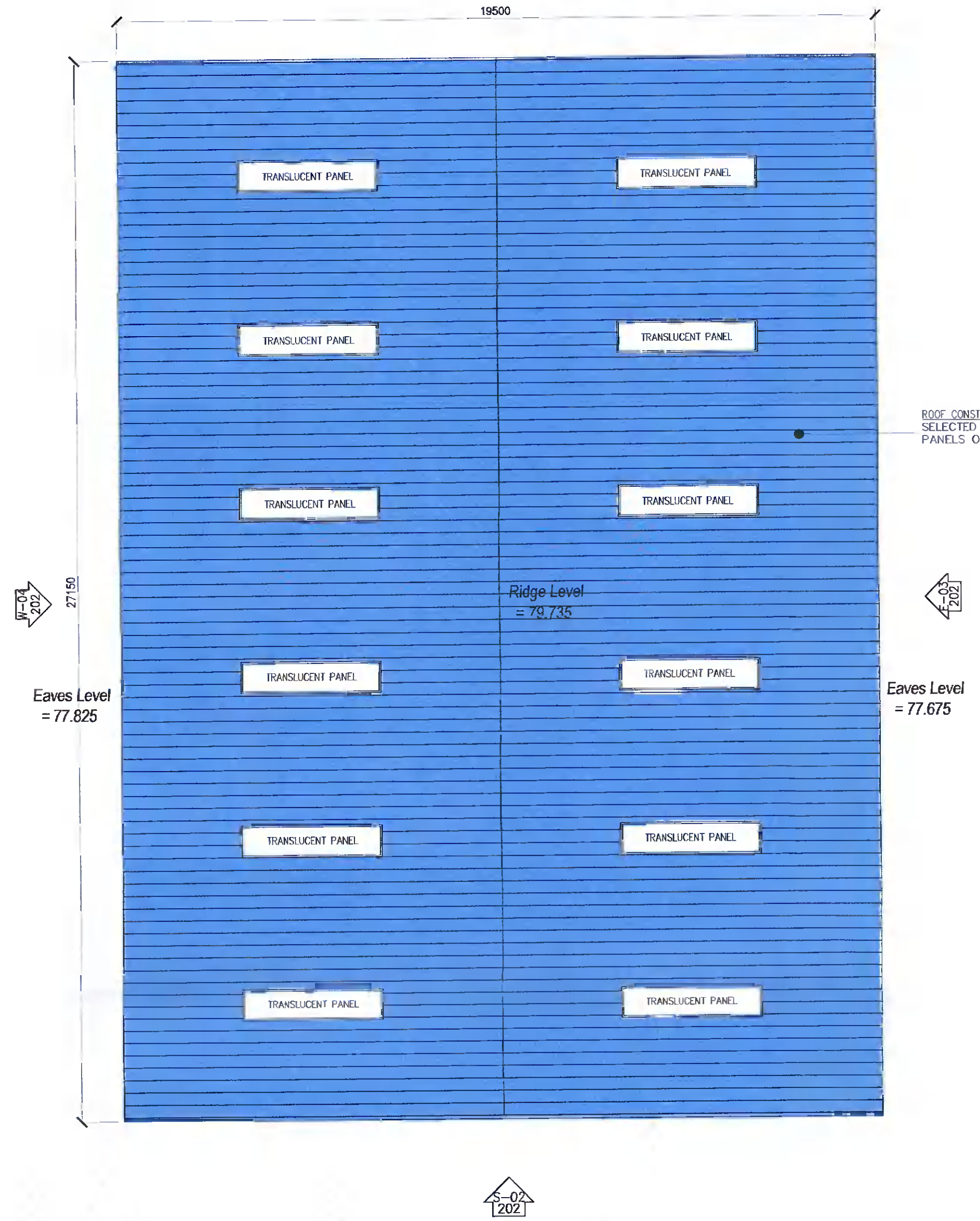
**GENERAL**

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN mm, ALL LEVELS ARE TO MAIN HEAD DATUM U.N.O. DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IN WRITING AS SOON AS POSSIBLE.



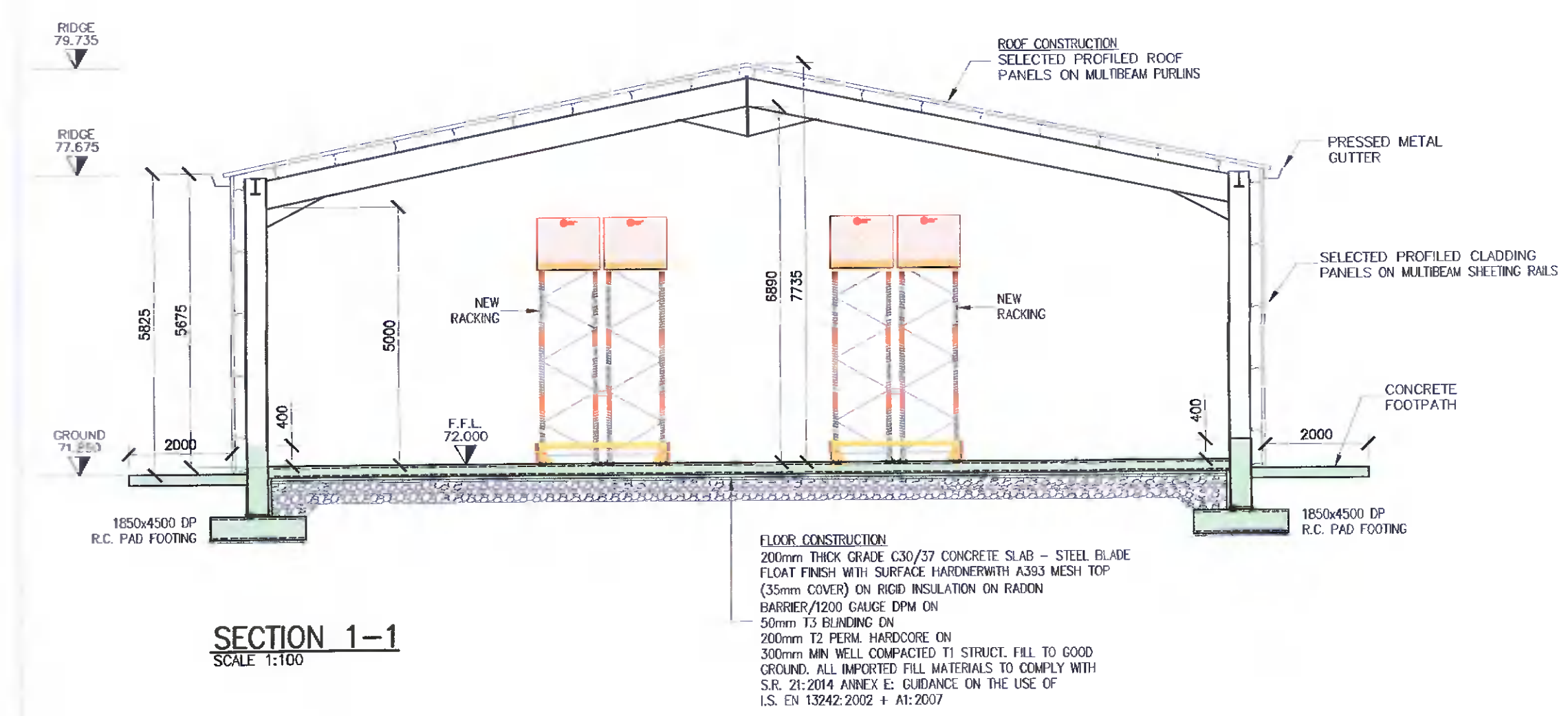
**GROUND FLOOR PLAN**  
SCALE 1:100

**FLOOR CONSTRUCTION**  
200mm THICK GRADE C30/37 CONCRETE SLAB - STEEL BLADE  
FLOAT FINISH WITH SURFACE HARDENER WITH A393 MESH TOP  
(35mm COVER) ON RIGID INSULATION ON RADON  
BARRIER/1200 GAUGE DPM ON  
50mm T3 BLANKING ON  
200mm T2 PERM. HARDWARE ON  
300mm MIN WELL COMPACTED T1 STRUT. FILL TO GOOD  
GROUND. ALL IMPORTED FILL MATERIALS TO COMPLY WITH  
S.F. 21:2014 ANNEX E: GUIDANCE ON THE USE OF  
I.S. EN 13242:2002 + A1:2007



**ROOF PLAN**  
SCALE 1:100

**ROOF CONSTRUCTION**  
SELECTED PROFILED ROOF  
PANELS ON MULTIBEAM PURLINS



**SECTION 1-1**  
SCALE 1:100

**FLOOR CONSTRUCTION**  
200mm THICK GRADE C30/37 CONCRETE SLAB - STEEL BLADE  
FLOAT FINISH WITH SURFACE HARDENER WITH A393 MESH TOP  
(35mm COVER) ON RIGID INSULATION ON RADON  
BARRIER/1200 GAUGE DPM ON  
50mm T3 BLANKING ON  
200mm T2 PERM. HARDWARE ON  
300mm MIN WELL COMPACTED T1 STRUT. FILL TO GOOD  
GROUND. ALL IMPORTED FILL MATERIALS TO COMPLY WITH  
S.F. 21:2014 ANNEX E: GUIDANCE ON THE USE OF  
I.S. EN 13242:2002 + A1:2007

**ADDITIONAL INFORMATION**  
04/05/2022

1	DRAINAGE REMOVED. ISSUED FOR ADDITIONAL INFORMATION	04.05.22	KA	SR
0	ISSUED FOR PLANNING	26.11.21	SR	ND
REV	DESCRIPTION	DATE	BY	CHK

STATUS: **FOR PLANNING**

**MDR** Unit 2B Richview Office Park, Clonskeagh, DUBLIN 14 D14 XT57  
T: +353 1 260 2655  
E: dublin@morce.ie

**MALONE O'REGAN CONSULTING ENGINEERS** W: www.maloneoregan.ie  
Offices also in:  
GALWAY T: +353 91 531 069 E: galway@morce.ie  
WATERFORD T: +353 51 876 855 E: waterford@morce.ie

CLIENT: **PFIZER GRANGE CASTLE**

JOB NAME: **MOR STORAGE BUILDING**

DRG NAME: **PROPOSED PLANS & SECTION**

JOB REF:	SHEET	SCALE	DATE	BY	ENG	APP	REV.
21045	A1	AS SHOWN	OCT '21	SR	SR	ND	1

DRG NO: **PGCMOR-ZZZ-DR-MOR-SE-00201**