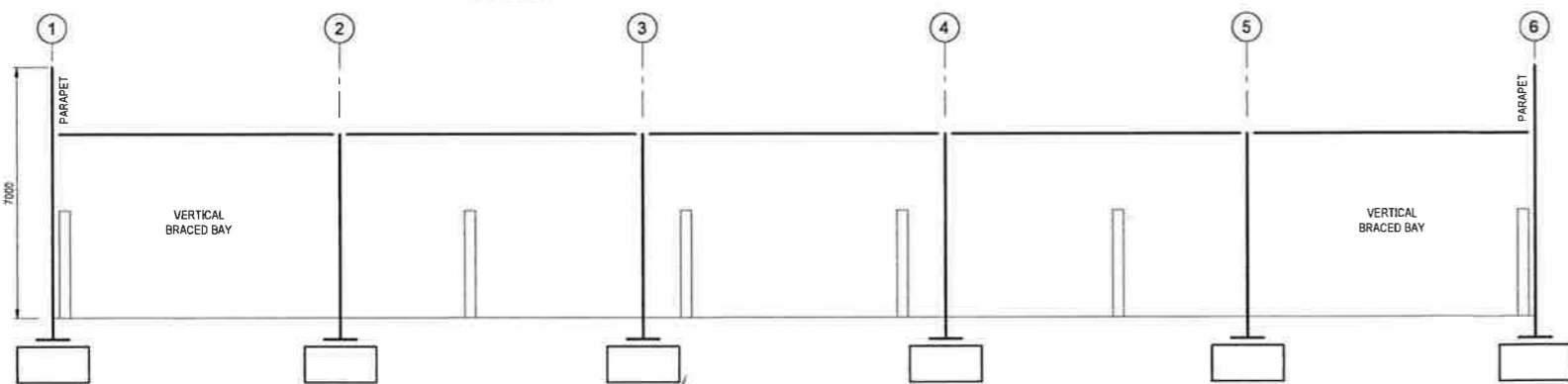
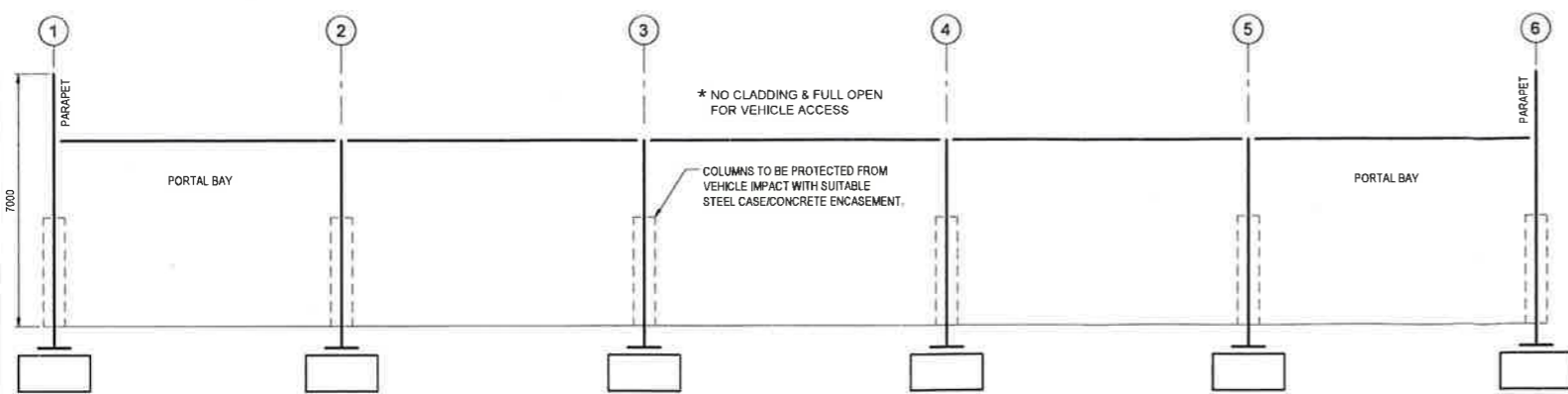


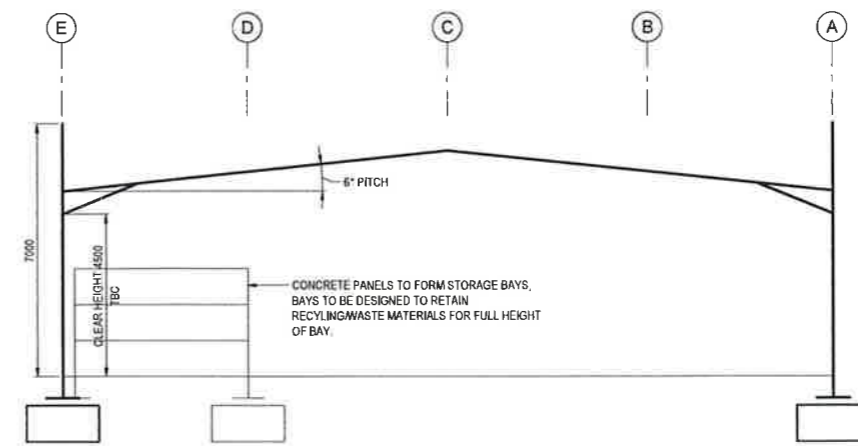
**STEELWORK
RECYCLING AND STORAGE BUILDING**
SCALE 1:100



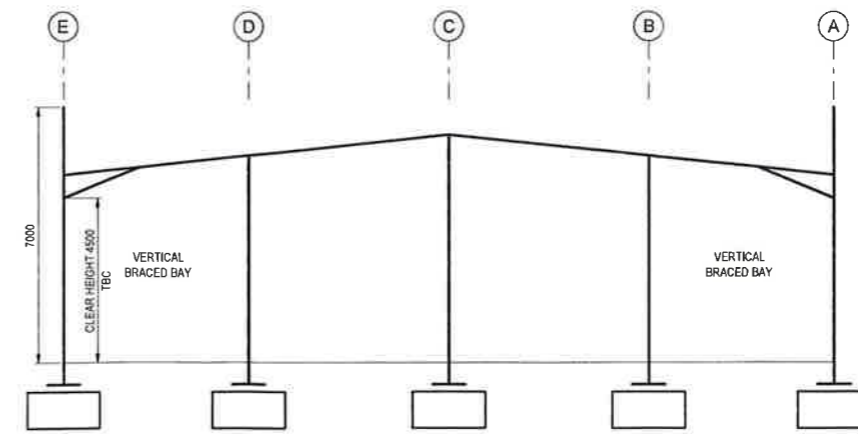
ELEVATION ALONG GRID E
SCALE 1:100



ELEVATION ALONG GRID A
SCALE 1:100



ELEVATION ALONG GRID 2, 3, 4 & 5
SCALE 1:100



ELEVATION ALONG GRID 1 & 6
SCALE 1:100

NOTE:
ARRANGEMENT OF ROOF BRACING IS INDICATIVE - SUBJECT TO AGREEMENT BETWEEN CONTRACTORS STEELWORK DESIGNERS & RPS.

BUILDING FOUNDATION AND GROUND FLOOR SLAB TO BE DESIGNED AND DETAILED BY CONTRACTOR IN ACCORDANCE WITH THE GENERAL ARRANGEMENT INFORMATION INDICATED ON THIS DRAWING. CONTRACTOR TO UNDERTAKE SUFFICIENT FURTHER INVESTIGATION TO ALLOW FOUNDATION/GROUND FLOOR SLAB DESIGN.

NOTE:
BUILDING TO HAVE TRAPEZOIDAL METAL CLADDING, FINAL COLOUR AND FINISH TO BE AGREED WITH CLIENT AND RPS PRIOR TO CONSTRUCTION.

ALL STEELWORK TO BE DESIGNED BY THE CONTRACTOR IN ACCORDANCE WITH THE GENERAL ARRANGEMENT INFORMATION INDICATED ON THIS DRAWING AND THE SPECIFICATION.

NOTE:
FOR CALCULATION OF OVERTURNING FORCES OF FIRE BOUNDARY CONDITION SERVICE LOADING 0.15 kN/m² (TO BE CONSIDERED) AS APPROPRIATE BASED ON THE SITE.

NOTE:
WIND LOADING ANALYSIS AND DESIGN OF STEELWORK TO INCLUDE CONSIDERATION OF EFFECT OF HIGH WINDS AS NO DOORS TO BE PROVIDED TO BUILDING. WORST CASE CONDITIONS TO BE INCLUDED IN THE STRUCTURAL DESIGN OF PRIMARY AND SECONDARY STEELWORK AND CLADDING/FIXINGS.

DESIGN LOADING FOR STEELWORK DESIGN
- SNOW LOADING TO BE DETERMINED IN ACCORDANCE WITH BS 6399 BUT NOT LESS THAN 0.6 kN/m²
- WIND LOADING TO BE DETERMINED IN ACCORDANCE WITH BS 6399
NOTE: LOADINGS AND COMBINATIONS SUBJECT TO AGREEMENT BETWEEN CONTRACTORS STEELWORK DESIGNERS AND RPS

**RECEIVED BY THE
PLANNING DEPARTMENT
28 SEP 2015**

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- Notes
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 - This drawing should be read in conjunction with all other relevant drawings and specifications.
- NOTES
- IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENT'S RESPONSIBILITY TO PRINT THE DOCUMENT TO THE CORRECT SCALE.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE IT IS RECOMMENDED THAT INFORMATION IS NOT SCALED OFF THIS DRAWING.
 - DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
 - ALL STEELWORK ERECTION TO BE TO BS 5951 AND THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION. THE CONTRACTOR RESPONSIBLE FOR THE ERECTION OF STEELWORK IS TO ENSURE THE STABILITY OF THE STRUCTURE AT ALL TIMES DURING ERECTION BY THE USE OF TEMPORARY BRACING AND STRUTS AS NECESSARY.
 - FABRICATION OF STEELWORK TO BE IN ACCORDANCE WITH BS 5950 PART 2. ALL STEELWORK SHALL COMPLY WITH THE FOLLOWING -
BS EN 10025 - HOT ROLLED SECTIONS
BS EN 10210 PART 1 - HOT ROLLED STRUCTURAL
 - ALL PROPRIETARY ITEMS TO BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
 - PURLINS AND SHEETING RAILS TO BE SUPPLIED WITH SAG RODS AND BRACES AS PER THE DESIGN AND THE MANUFACTURER'S RECOMMENDATIONS.
 - HOLDING DOWN BOLTS AND BASE PLATES TO BE GROUDED UP WITH NON-SHRINK GROUT 'CONCREXTRA GP' OR SIMILAR APPROVED.
 - ALL BOLTS TO BE TO BS 4190 (GRADE 4.6) OR BS 3692 (GRADE 8.8) AND TO BE GHERADIZED OR BRIGHT GALVANISED.
 - ALL BOLTS TO BE IN 2mm CLEARANCE HOLES UNLESS STATED OTHERWISE.
 - FABRICATION MUST TAKE INTO CONSIDERATION DEAD LOAD DEFLECTION TO ENSURE THE SPECIFIED ROOF PITCH AFTER CONSTRUCTION.
 - STEELWORK TO BE PROVIDED WITH A PROTECTIVE COATING WHICH WILL GUARANTEE A MINIMUM OF 25 YEARS TO FIRST MAINTENANCE, SUITABLE FOR ENVIRONMENT CATEGORY C4.
 - ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH RELEVANT BUILDING REGULATIONS, N.H.B.C. STANDARDS CHAPTER 6.4, BS5268, BRE DEFECT ACTION SHEETS 25, 57 AND 59, AND JOB SPECIFICATION(S).
 - CONFLICTING INFORMATION SHOWN ON THE ENGINEERS DRAWINGS, OR DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER, AND THAT PROVIDED BY OTHERS, MUST BE REFERRED TO THE ENGINEER BEFORE THE AFFECTED WORK PROCEEDS.
 - IN CASE OF ANY DISCREPANCIES IN DRAWINGS OR DETAILS, REFER TO ENGINEER FOR CLARIFICATION. UNILATERAL DECISIONS BY THE CONTRACTOR WILL NOT BE ACCEPTED.
 - ALL BUILDING STEELWORK INCLUDING STEEL TO STEEL CONNECTIONS ARE TO BE DESIGNED & DETAILED BY THE STEELWORK CONTRACTOR.
 - CONTRACTOR TO UNDERTAKE SUFFICIENT FURTHER GROUND INVESTIGATION TO CARRY OUT GROUND FLOOR SLAB AND BUILDING FOUNDATION DESIGN.
 - ROOF CLADDING/WALL CLADDING ARE TO BE DESIGNED IN ACCORDANCE WITH THE GENERAL ARRANGEMENT INFORMATION INDICATED ON THIS DRAWING AND ARCHITECTURAL DRAWING.
 - MAXIMUM FINISHED RIDGE HEIGHT OF THE BUILDING IS 7m

P - 15 - 077

P2	NOTES AMENDED	RS	SH	15.06.15
P1	FIRST ISSUE	RS	SH	17.06.15
Rev	Description	By	Ckd	Dst



Noble House
Capital Drive, Lindford Wood, Milton Keynes MK14 6QP
T +44 (0) 1906 669808 E rps@rpsgroup.com F +44 (0) 1906 569899

Client COUNCIL OF THE ISLES OF SCILLY

Project PORTHMELLON WASTE MANAGEMENT FACILITY, ST. MARY'S, ISLES OF SCILLY
Title RECYCLING AND STORAGE BUILDING STEELWORK ARRANGEMENT

Status PRELIMINARY Scale 1:100 @ A1 Date Created 10 JUNE 2015
Project Leader ABH Drawn By RS Checked by SH

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