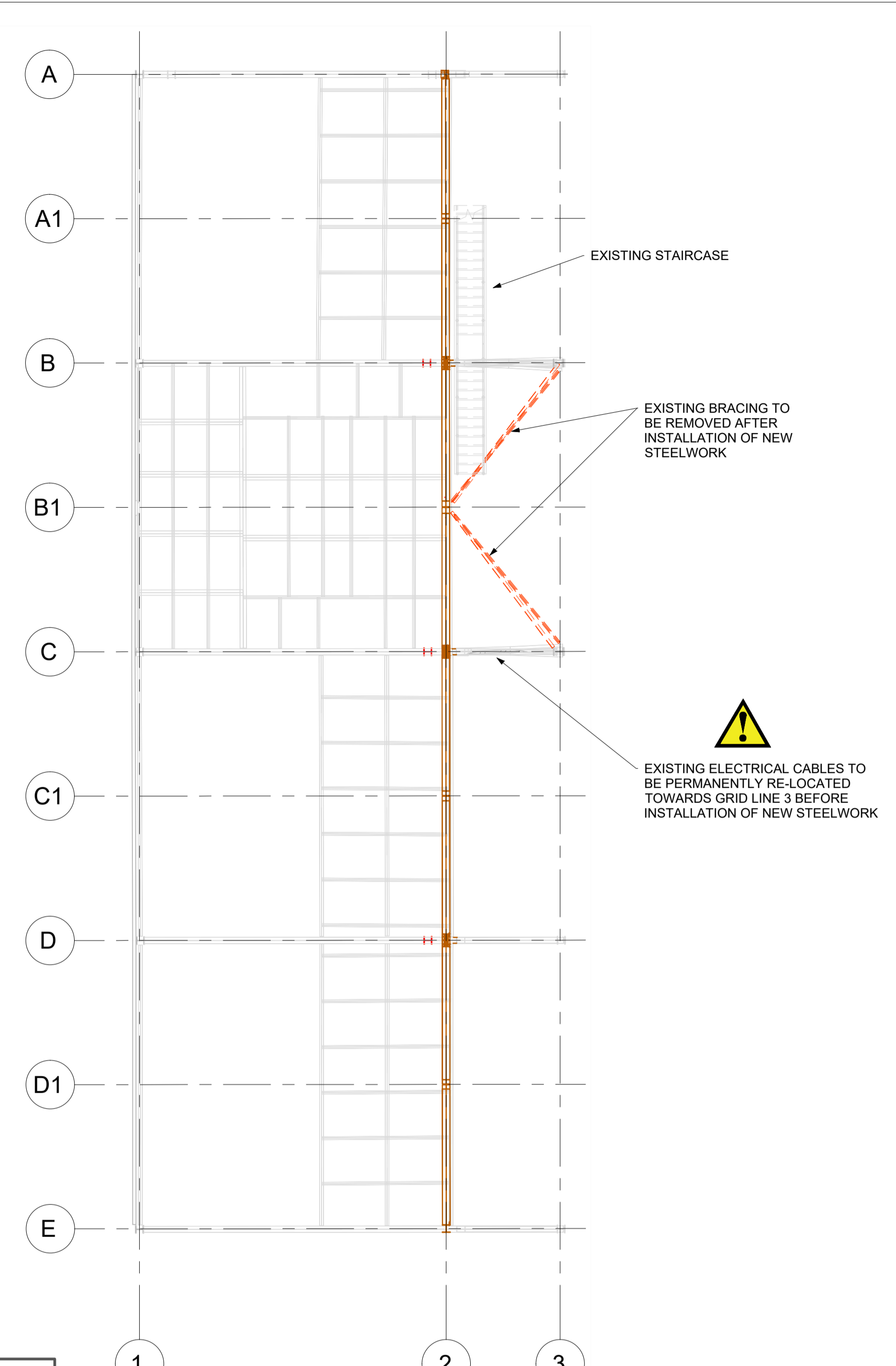


FOUNDATION PLAN
1 : 100

NOTE:
ALL DIMENSIONS TO BE CHECKED ON SITE
PRIOR TO COMMENCEMENT OF WORK.



LEVEL 1 PLAN
1 : 100

LEGEND

	TO BE REMOVED
	EXISTING
	PROPOSED
	FOUNDATION

- METHOD STATEMENT**
- AFTER THE COMPLETED INSTALLATION OF THE REINFORCED CONCRETE PADS, PLINTHS AND HOLDING DOWN BOLTS
- STRENGTHEN THE EXISTING 152UC COLUMNS ON GRIDLINE 2B AND 2C WITH 15mm THICK PLATES BOLTED TO BOTH FLANGES OVER THE FULL HEIGHT OF THE COLUMNS.
 - AT GRIDLINE A AND E WELD THE EXISTING CONNECTION PLATE OF THE DIAGONAL 152UC TO THE BOTTOM FLANGE OF THE EXISTING 305UB. SEE DETAIL 3 SECTION C-C.
 - INSTALL THE NEW VERTICAL 203x203 UC46 COLUMNS AT GRIDLINES A AND E. SEE DETAIL 3.
 - INSTALL THE NEW DIAGONAL 203x203 UC46 COLUMNS AT GRIDLINES A1, B1, AND C1. SEE DETAIL 3.
 - INSTALL THE NEW DIAGONAL 203x203 UC46 COLUMNS AT GRIDLINES A1, B1, AND C1. SEE DETAIL 1.
 - INSTALL NEW VERTICAL 120x120x10RSA BRACING ON GRIDLINE 2 BETWEEN GRIDS A AND D.
 - REMOVE EXISTING 203UC DIAGONAL BRACE BETWEEN GRIDS 2 AND 3. SEE HATCHED AREA ON DRG 200.
 - REMOVE EXISTING PLAN BRACING BETWEEN GRIDLINES B AND C.
 - REMOVE TEMPORARY SUPPORT COLUMNS ON GRIDLINES 2B, 2C, AND 2D.
 - REMOVE EXISTING DIAGONAL BRACING ON GRIDLINE 2 BETWEEN GRIDLINES A AND C.

- NOTES**
- DO NOT SCALE FROM THIS DRAWING
 - ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
 - DRAWINGS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
 - ALL CONCRETE TO BE GRADE RC32/40, CONCRETE DESIGN CHEMICAL CLASS DC-2.
 - ALL CONCRETE WORK AND MATERIALS TO BE IN ACCORDANCE WITH BS 8110:1997 PT1, BS 8500:2002 PT's 1 & 2 AND BS EN206 - 1:2000, BS 8007.
 - WHERE EXISTING FOUNDATIONS ARE ENCOUNTERED DURING EXCAVATION TO FORMATION LEVELS OF NEW FOUNDATION THE EXISTING FOUNDATION MUST BE REMOVED TO ALLOW THE NEW FOUNDATION TO BEAR ONTO THE FOUNDATION STRATA.
 - THE PERMISSIBLE DEVIATION IN LEVELS OF THE TOP OF BLINDING CONCRETE SHALL BE BETWEEN +0mm AND -25mm. ALL CONCRETE WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH BS 8110 PART 1 1987.
- STEELWORK NOTES**
- CONTRACTOR TO CONFIRM ALL STEELWORK DIMENSIONS.
 - ALL NEW STEELWORK TO BE GALVANISED AND GRADE S355 J0 UNO. ALL WORK TO COMPLY WITH THE LATEST EDITION OF THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION (NSSS).
 - GALVANISING TO BLAST CLEANED STEEL:
- ALL NEW STEELWORK
- PREPARATION: BLAST CLEANING 2.5, PREPARATION GRADE SA 2 1/2 USING CHILLED ANGULAR IRON GRIT GRADE G24 TO GIVE A COARSE SURFACE PROFILE, FOLLOWED BY CHEMICAL CLEANING
- GALVANISING: TO BS EN ISO 1461
- MINIMUM MEAN COATING THICKNESS: 140 MICROMETRES
- GALVANISING TO BE CARRIED OUT BY A MEMBER OF THE GALVANISERS ASSOCIATION
 - CONNECTIONS TO HAVE MINIMUM OF TWO BOLT M20 GRADE 8.8 FIXINGS AND 8mm FILLET WELDS UNO.

This drawing is preliminary. A Risk Assessment has not yet been completed for the section of work shown. Known hazards are indicated below.

CONSTRUCTION OF THE WORK MUST NOT COMMENCE UNTIL THE RISK ASSESSMENT IS COMPLETE

CDM Regulations

Hazards		Date added		
THE CONTRACTOR IS TO BE AWARE OF THE PRESENCE OF LIVE CABLES				
P05	02/08/2021	REVISED TO SUIT CLASHES WITH EXISTING NON-STRUCTURAL ELEMENTS		
P04	15/06/2021	REVISED TO SUIT EXISTING STRUCTURE		
P03	08/06/2021	3 No. SHORT COLUMNS ADDED		
P02	12/05/2021	REVISED FOUNDATION LEVELS AND NOTES		
P01	08/04/2021	FOR CONSTRUCTION		
Rev	Date	Description	Chk	App

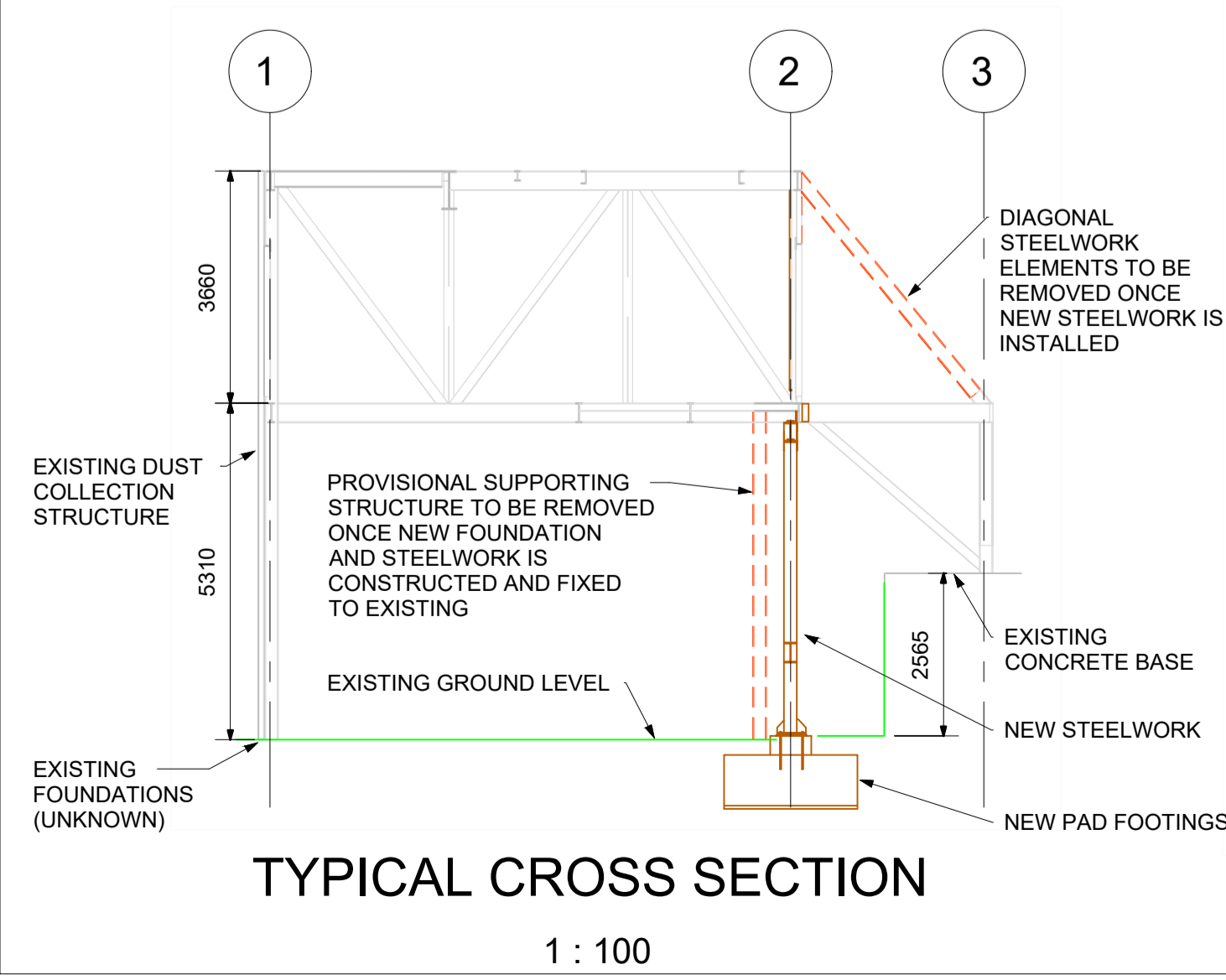
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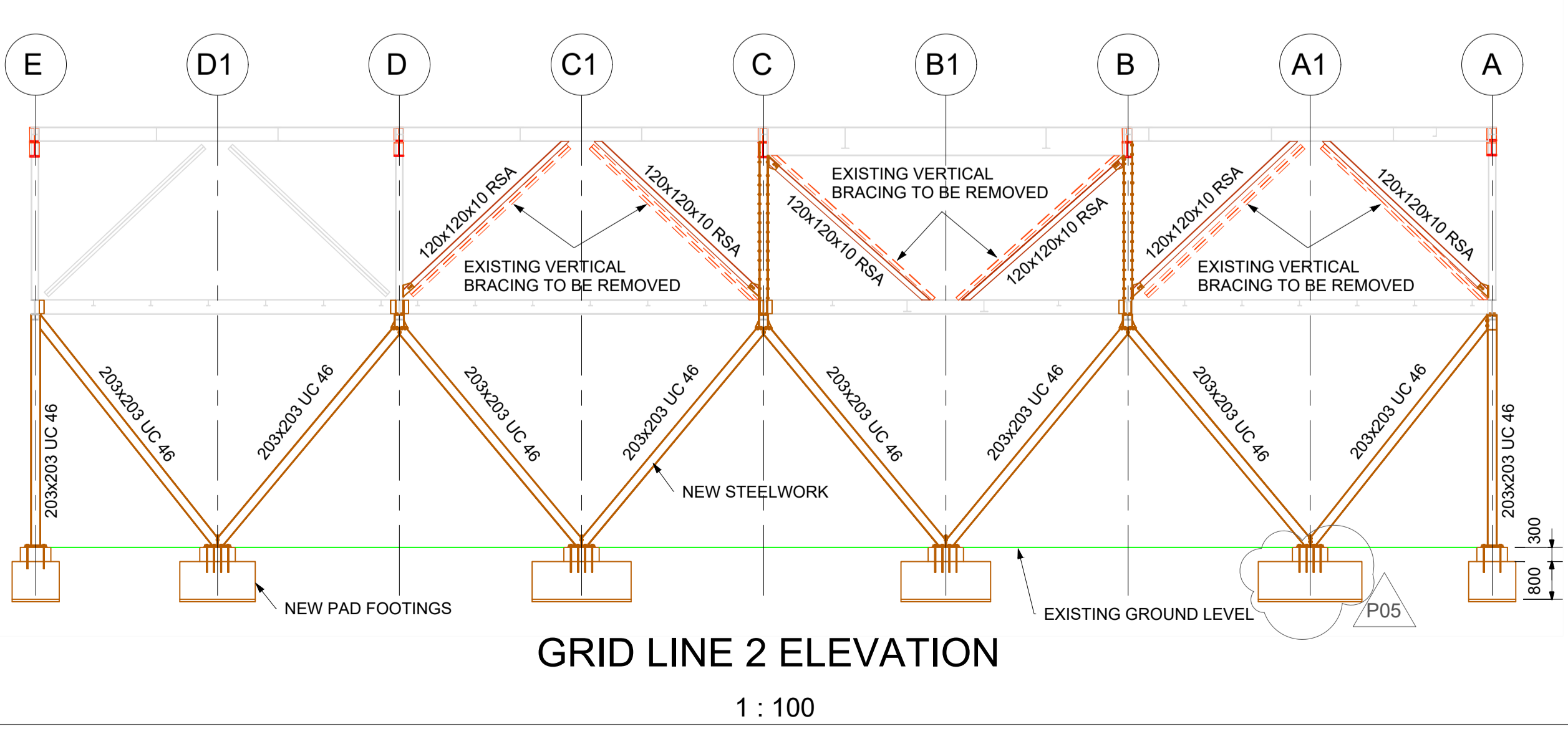
Project
RSGT DUST COLLECTION

Drawing Title
PLANS AND SECTIONS

Drawn	Name	Date	Scale	1:100
Design	ZA	02/08/2021	Drawing Status.	
Checked	JM	02/08/2021	FOR CONSTRUCTION	
Approved	RM	02/08/2021		
Drawing No.	104471-PEF-ZZ-ZZ-DR-S-000100			Revision
				P05



TYPICAL CROSS SECTION
1 : 100



GRID LINE 2 ELEVATION
1 : 100

ASBESTOS

CONTRACTOR TO PROVIDE AN ASBESTOS MANAGEMENT PLAN. THIS IS TO ENSURE THAT DUST RELEASES BE EFFECTIVELY ELIMINATED DURING GROUNDWORKS AND THERE IS NO RISK OF RELEASE OF AIRBORNE FIBRES

EXISTING ELECTRICAL CABLES

CONTRACTOR TO ASSESS IF EXISTING ELECTRICAL CABLES NEED TO BE RE-LOCATED BEFORE INSTALLATION OF THE NEW STEELWORK.

EXISTING BURIED OBSTRUCTIONS

CONTRACTOR TO UNDERTAKE PROBING WORKS PRIOR TO THE PAD FOOTING INSTALLATION WORKS, TO ENSURE THERE IS NO OBSTRUCTIONS.