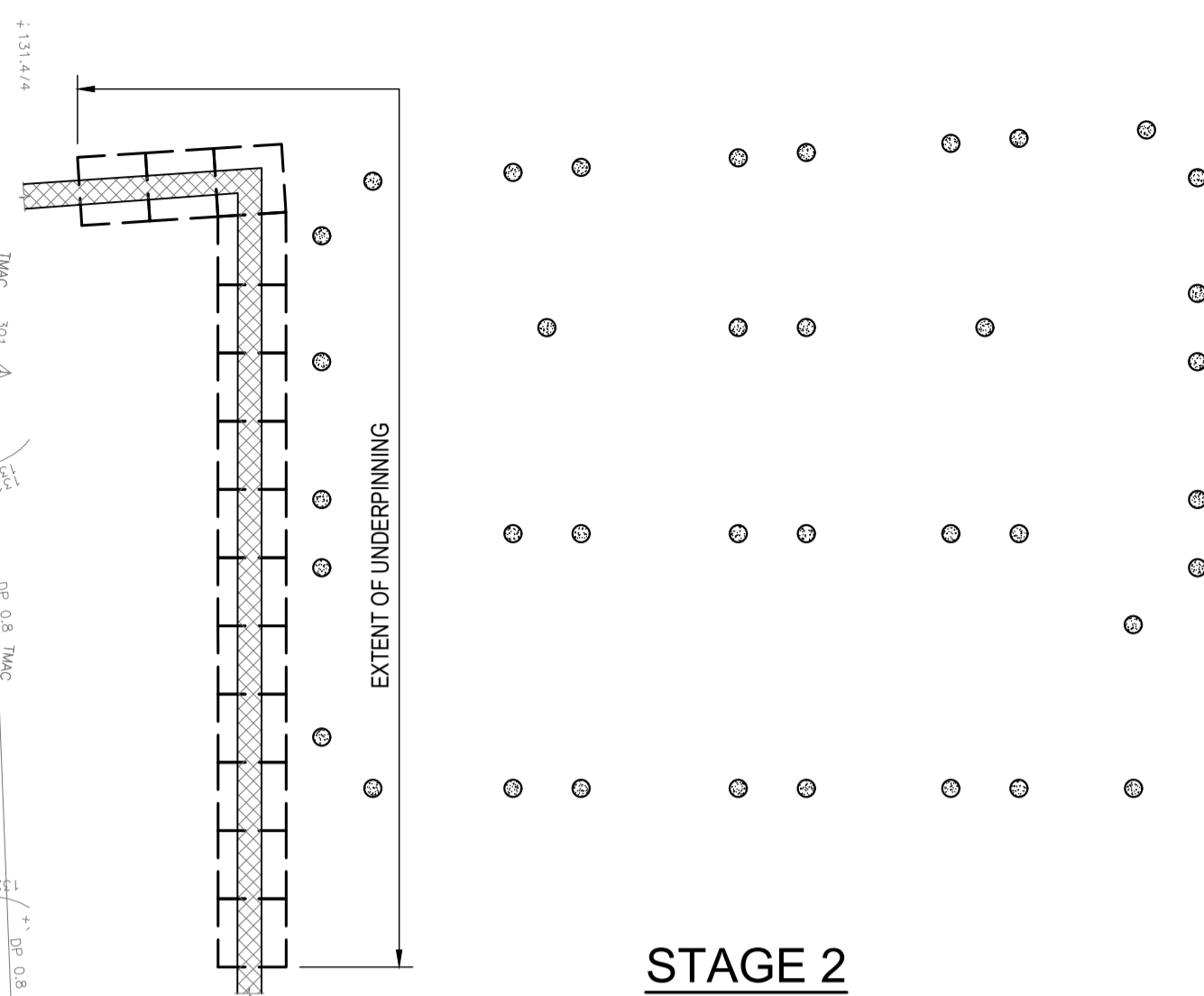


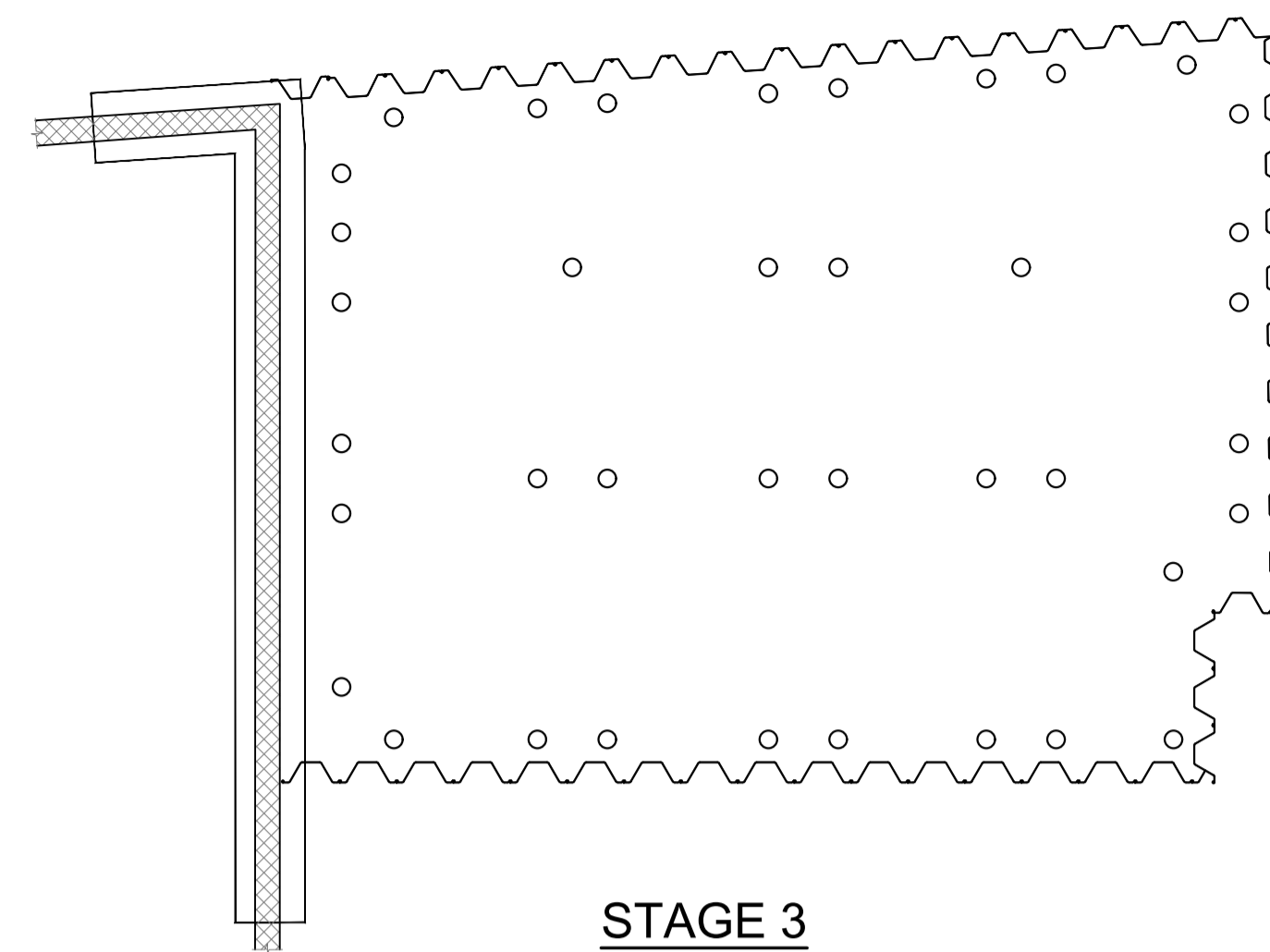
**STAGE 1**

- 1.1 UNDERPINNING EXCAVATION (SEE DRAWING (8149-F-02) FOR SEQUENCE).
- 1.2 INSTALL UNDERPINNING TEMPORARY WORK.
- 1.3 INSTALL DOWELS TO EXISTING FOUNDATION, AND POUR CONCRETE WITH A393 TEMPORARY MESH BARS.
- 1.4 REMOVE CAREFULLY TEMPORARY WORKS.
- 1.5 BACKFILL EXCAVATION WITH COMPACTED GRANULAR MATERIAL 225mm MAXIMUM LAYERS



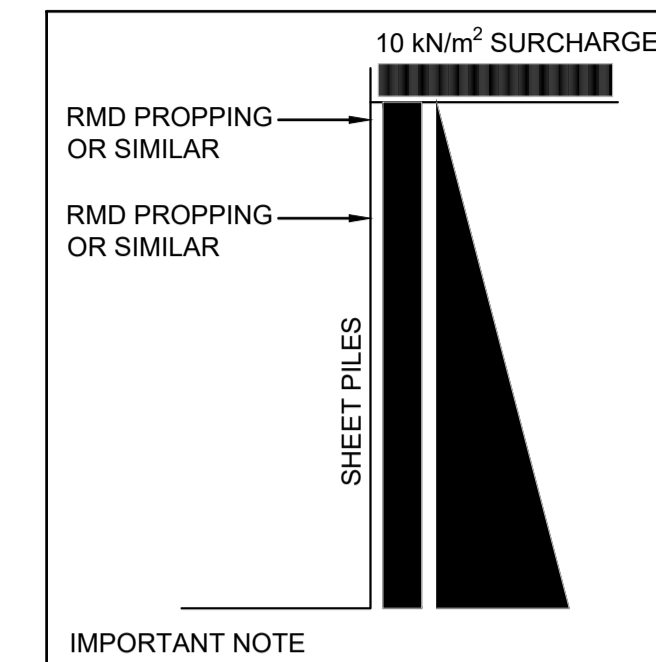
**STAGE 2**

2.1 INFILL PILING MAT & CFA PILES

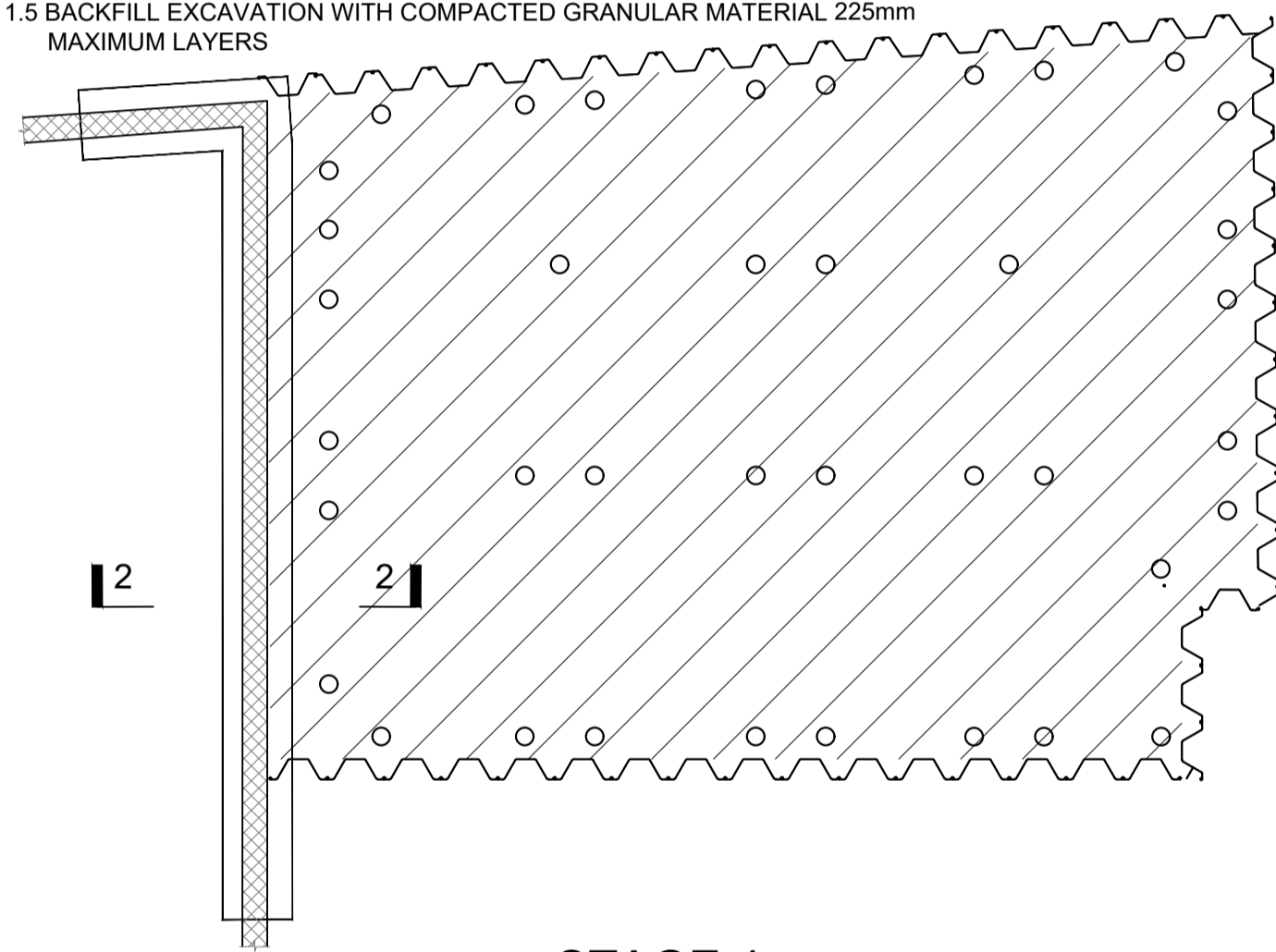


**STAGE 3**

3.1 INSTALL SHEET PILING

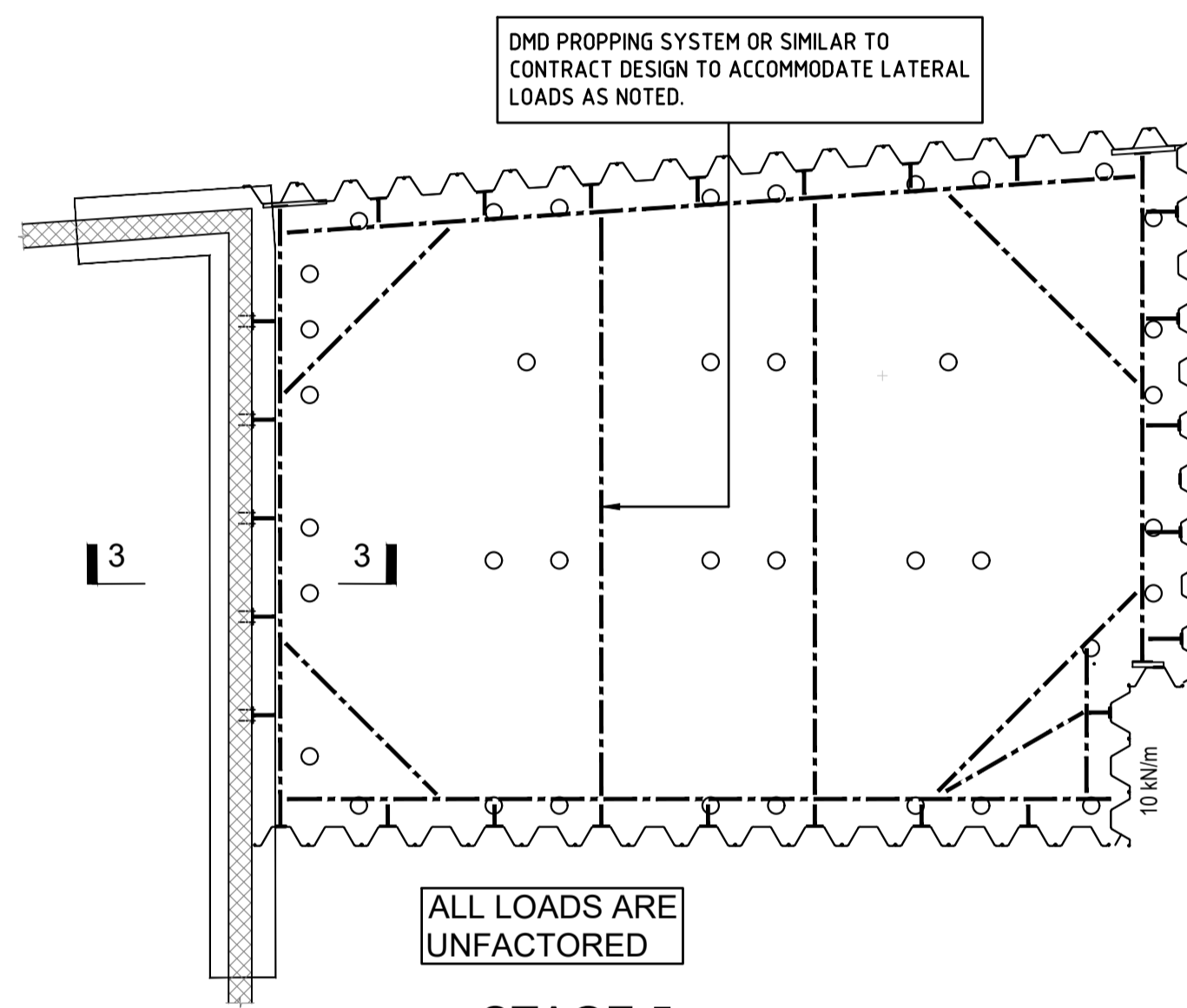


IMPORTANT NOTE



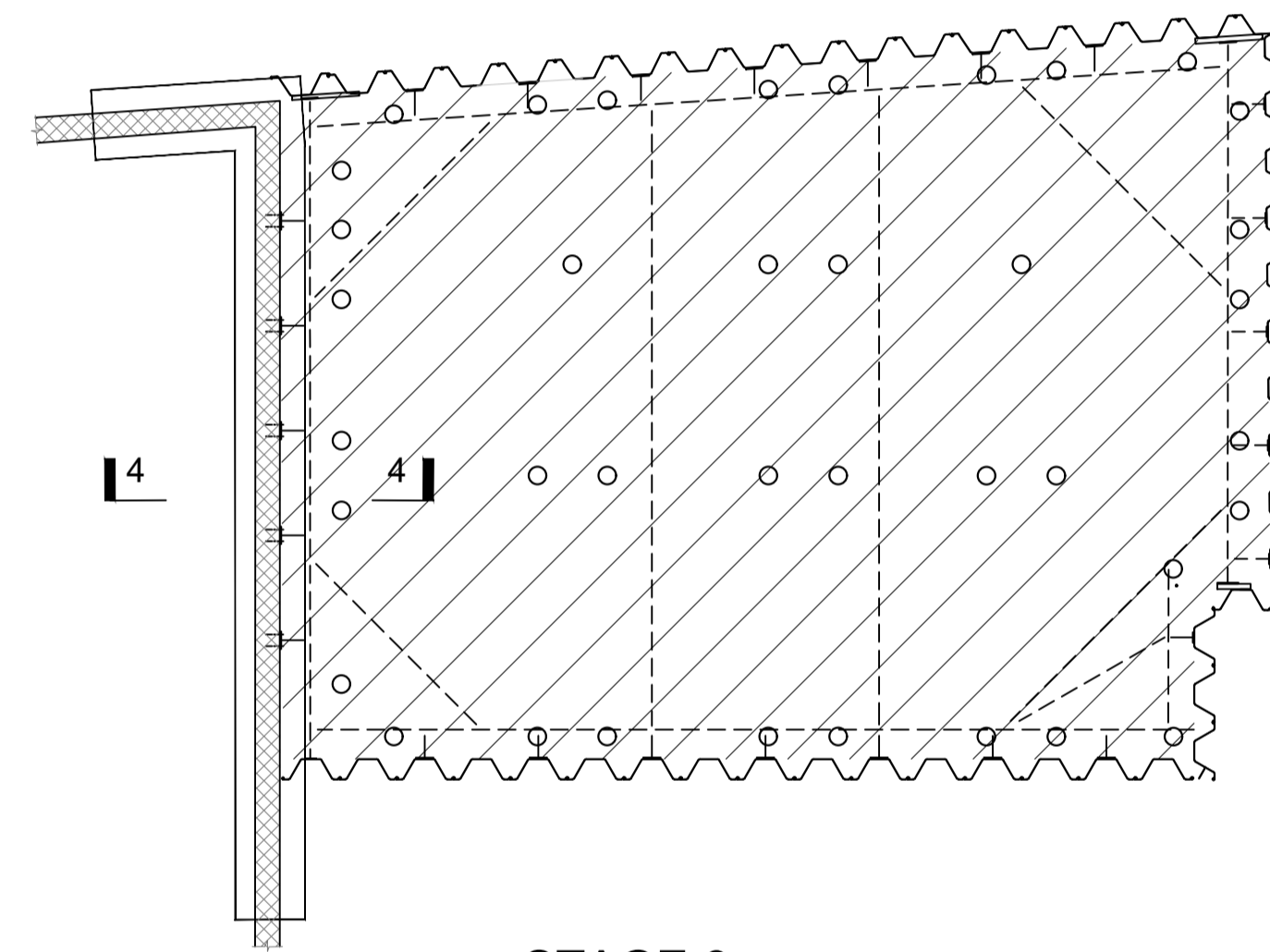
**STAGE 4**

- 4.1 CAREFULLY EXCAVATE DOWN TO EXPOSING EXISTING JACK STRAWS' CASTLE FOOTING.
- 4.2 CUT EXISTING PILES DOWN TO BOTTOM OF EXCAVATION.



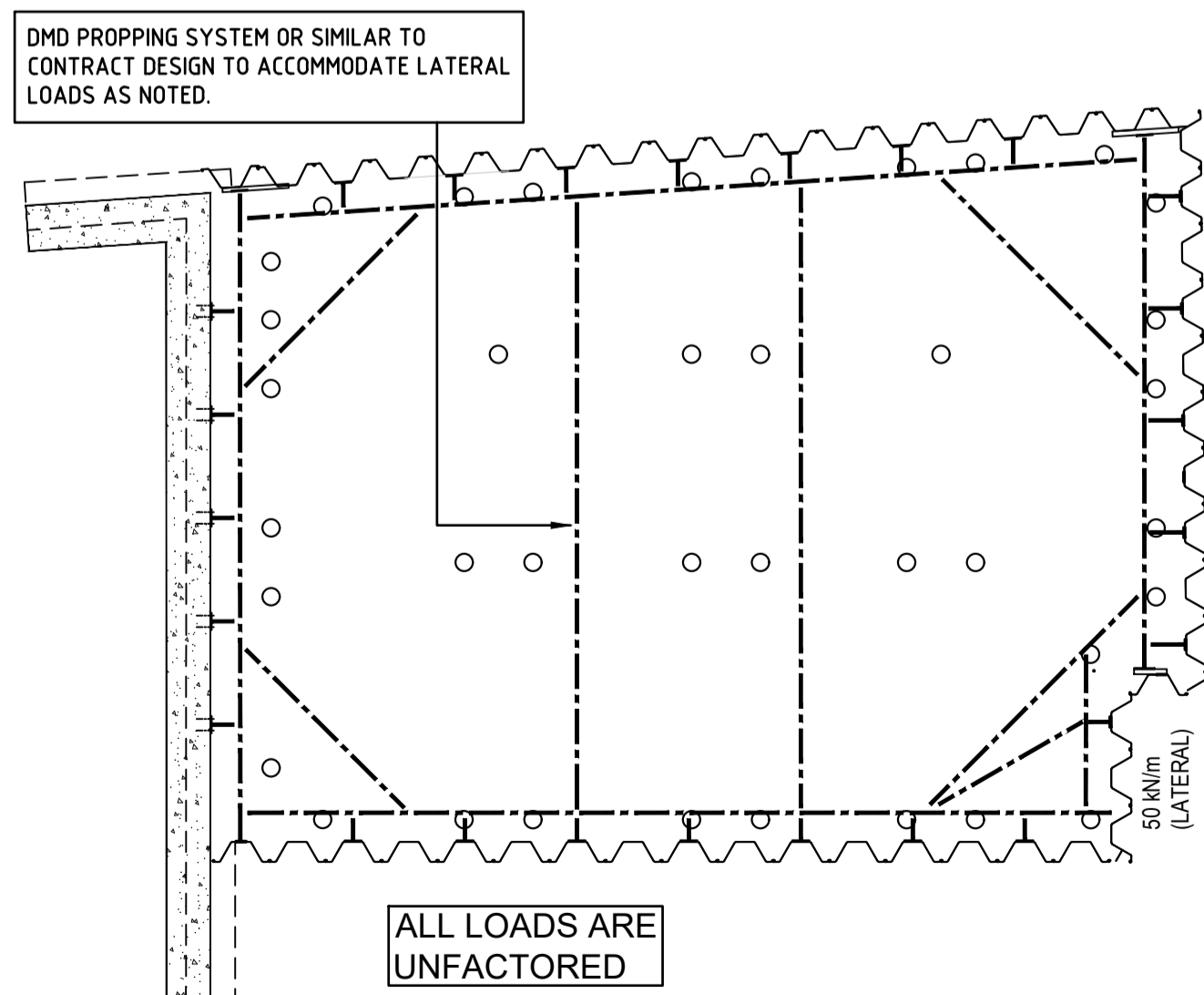
**STAGE 5**

- 5.1 INSTALL STUBS AT 1500 c/c MAX TO JACK STRAWS' CASTLE FOUNDATION LEAVING ENOUGH SPACE FOR RC WALL BUILDING UP.
- 5.2 INSTALL RMD PROPPING SYSTEM OR SIMILAR TO CONTRACT DESIGN TO ACCOMMODATE LATERAL LOADS.



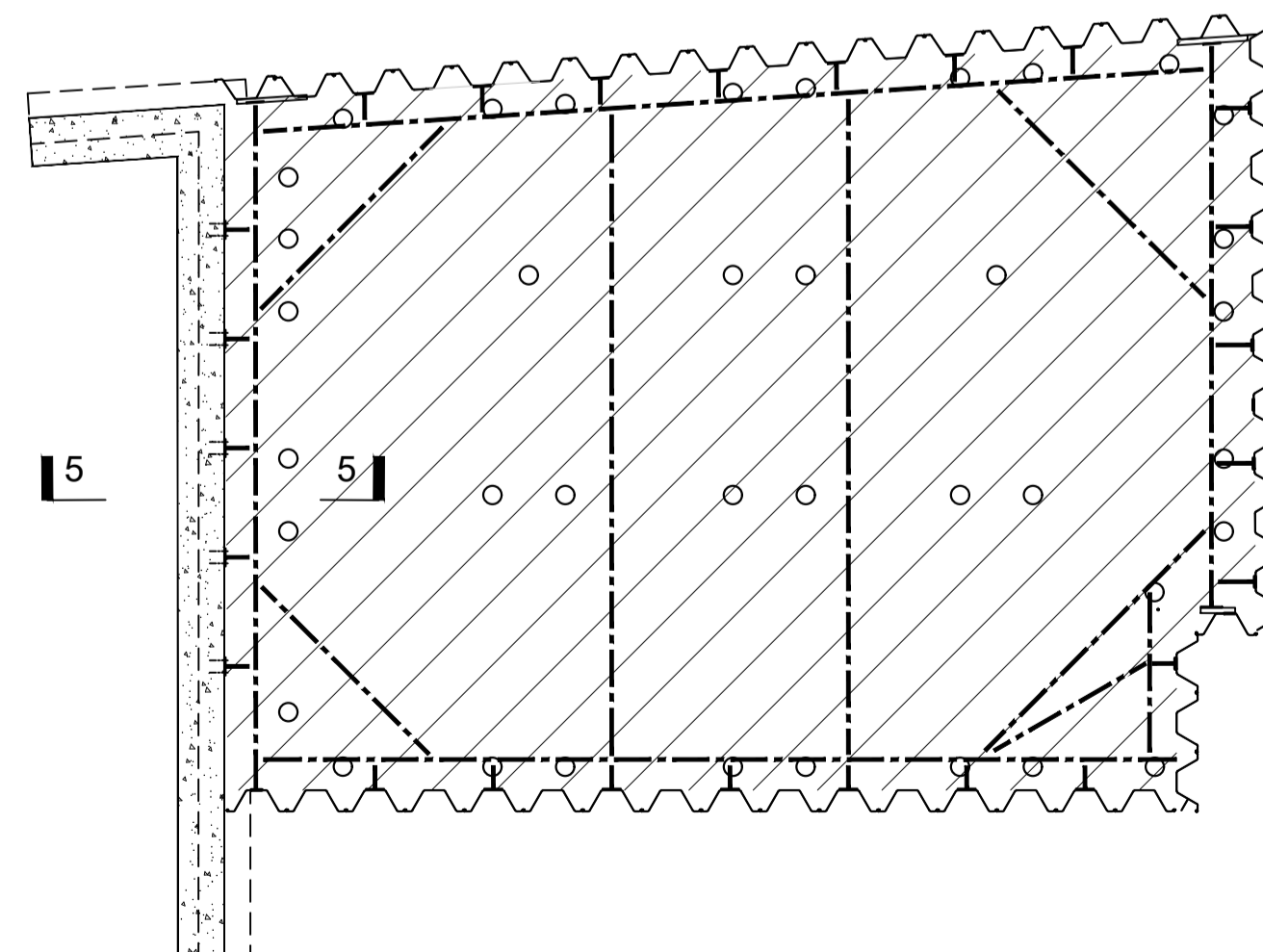
**STAGE 6**

- 6.1 CAREFULLY EXCAVATE DOWN TO 1.0m (SECOND LEVEL).
- 6.2 CUT EXISTING PILES DOWN TO BOTTOM OF EXCAVATION.



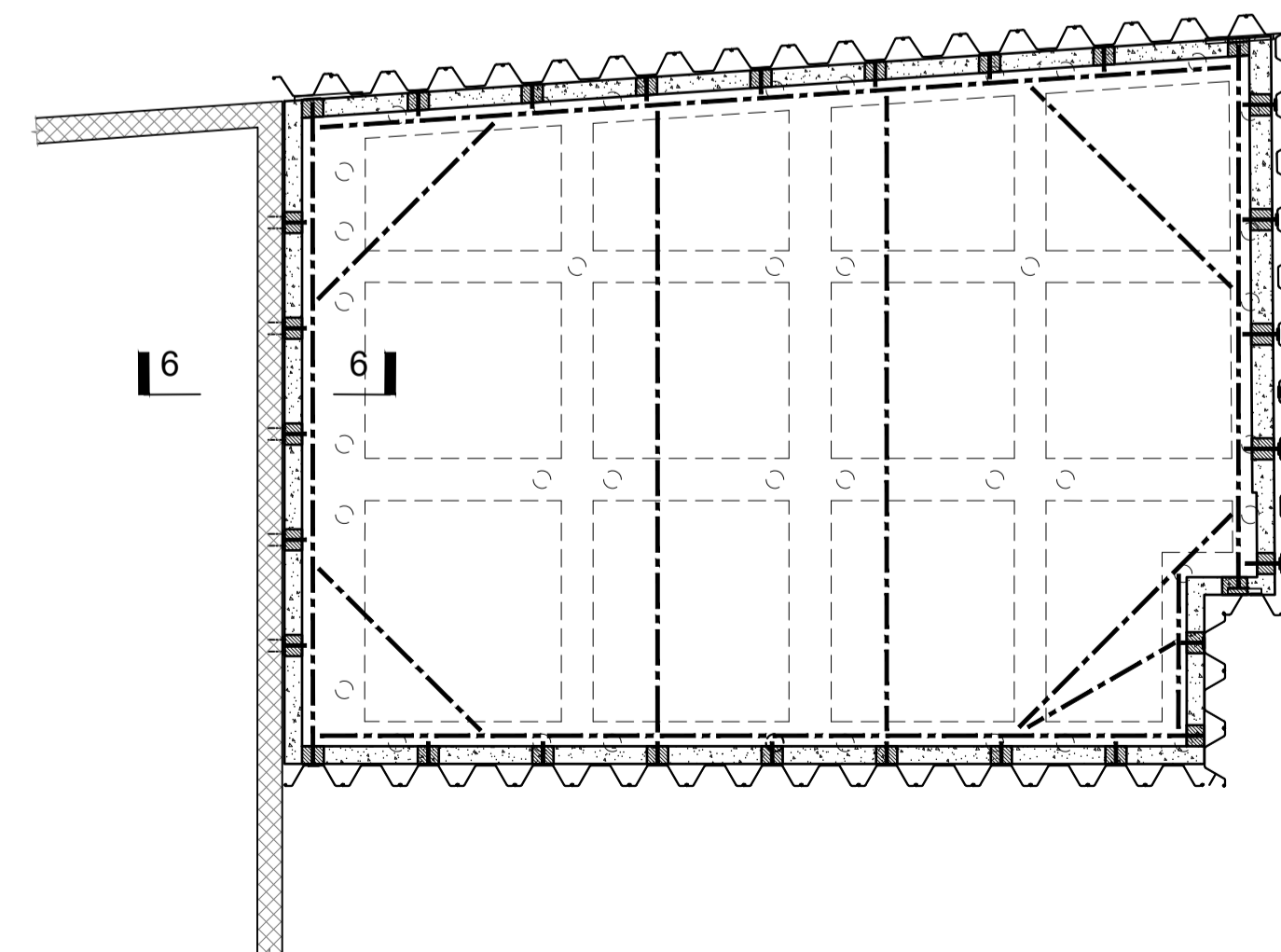
**STAGE 7**

- 7.1 INSTALL STUBS AT 1500 c/c MAX TO UNDERPINNING LEAVING ENOUGH SPACE FOR RC WALL BUILDING UP.
- 7.2 INSTALL RMD PROPPING SYSTEM OR SIMILAR TO CONTRACT DESIGN TO ACCOMMODATE LATERAL LOADS.



**STAGE 8**

- 8.1 CAREFULLY EXCAVATE DOWN TO FORMATION LEVEL.
- 8.2 CUT EXISTING PILES DOWN TO CUT OF LEVEL.



**STAGE 9**

- 9.1 CONTRACT RC GROUND BEAMS, RC SLAB, AND RC RETAINING WALLS LEAVING TEMPORARY WORK IN PLACE UNTIL CONCRETE REACHES 28 DAYS STRENGTH.

**NOTES:**

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DRAWINGS AND THE SPECIFICATION.
2. DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM HORWITZ ASSOCIATES PRIOR TO SCALING ELECTRONICALLY OR USING THIS ELECTRONIC FILE.
3. CONTRACTOR IS TO CARRY OUT ALL NECESSARY SURVEYS ON SITE TO CONFIRM ALL EXISTING STRUCTURE, DIMENSIONS, LEVELS ETC. PRIOR TO THE WORKS TAKING PLACE.
4. CONTRACTOR IS TO OBTAIN ALL NECESSARY PERMISSION, APPROVALS ETC. REQUIRED PRIOR TO WORKS TAKING PLACE.
5. ALL TEMPORARY WORKS MUST BE DESIGNED AND DETAILED BY THE CONTRACTOR TO ENSURE ALL EXISTING STRUCTURE ARE PROPPED AND MAINTAINED AT ALL TIMES. ALL TEMPORARY WORKS TO BE IN PLACE PRIOR TO WORKS TAKING PLACE. ANY CHANGE CARRY OUT BY THE CONTRACTOR MUST BE APPROVED BY HORWITZ BEFORE ANY WORK COMMENCE ON SITE.
6. ALL TEMPORARY WORKS DESIGN MUST BE APPROVED BY HORWITZ ASSOCIATE BEFORE ANY WORK COMMENCE ON SITE.
7. GROUND FLOOR RC SLAB IS NOT DESIGNED FOR ANY MACHINE OR PLANT LOADS.
8. THE SEQUENCE OF WALING IS ONLY A GUIDE AND THE CONTRACTOR IS TO DEVELOP FULL DETAILED SEQUENCE OF WORKS AND METHOD STATEMENTS PRIOR TO WORKS STARTING PLACE, AS WELL AS CARRYING OUT ALL NECESSARY SURVEYS.
9. CONTRACTOR IS TO ENSURE THAT ALL TEMPORARY WALING TO THE EXISTING FOUNDATIONS, NEW UNDERPINNING AND SHEET PILING AS SHOWN ON THE DRAWINGS ARE IN PLACE AND TIGHTENED PRIOR TO START OF WORKS. ALL WALING ARE TO REMAIN IN PLACE THROUGHOUT THE WORKS UNTIL RC BASEMENT WALLS ARE CAST AND CURED. CONTRACTOR TO DEVELOP DESIGN AND DETAIL ALL TEMPORARY WORKS.
10. CAREFULLY REMOVE PROJECTION OF EXISTING FOUNDATION AFTER INSTALLATION OF UNDERPINNING. CONTRACTOR TO ENSURE NO DAMAGE TO EXISTING CLADDING OR FACADE TO ADJACENT EXISTING BUILDING.
11. CONTRACTOR MUST CARRYOUT A JACK STRAWS' CASTLE SURVEY, BEFORE ANY WORK COMMENCE ON SITE, IN ORDER TO VERIFY ANY SIGN OF STRUCTURAL DEFECT.
12. CONTRACTOR MUST MONITOR GROUND/BUILDING MOVEMENT AND START RECORDING BEFORE ANY WORK COMMENCE ON SITE. SEE 8149- MOVEMENT MONITORING SPECIFICATION.
13. ANY CHANGE CONTRACTOR FACES TO HORWITZ SEQUENCE SCHEME MUST BE APPROVED BY HORWITZ BEFORE ANY WORK COMMENCE ON SITE.
14. CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF ALL EXISTING STRUCTURES/BUILDING DURING CONSTRUCTION TOGETHER WITH EARTH WORKS AND EXISTING SERVICES AND MUST TAKE ALL NECESSARY PRECAUTIONS.
15. CFA INTEGRITY TESTED AT STAGE 2 AND STAGE 8.

PL01	FOR PLANNING	29-03-2023
Rev.	Description	Date

**HORWITZ ASSOCIATES**  
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JACK STRAWS CASTLE  
CAR PARK DEVELOPMENT

BASEMENT SEQUENCE OF WORKS  
SHEET 1 OF 2

Scale	1:50, 1:25 @ A1	Date	NOVEMBER 2021
Engineer	R.R	Drawn	MA
Client		Checked	R.R
		DRG No.	REV.

ALBANY HOMES LTD      8149-SW-01      PL01