

0380

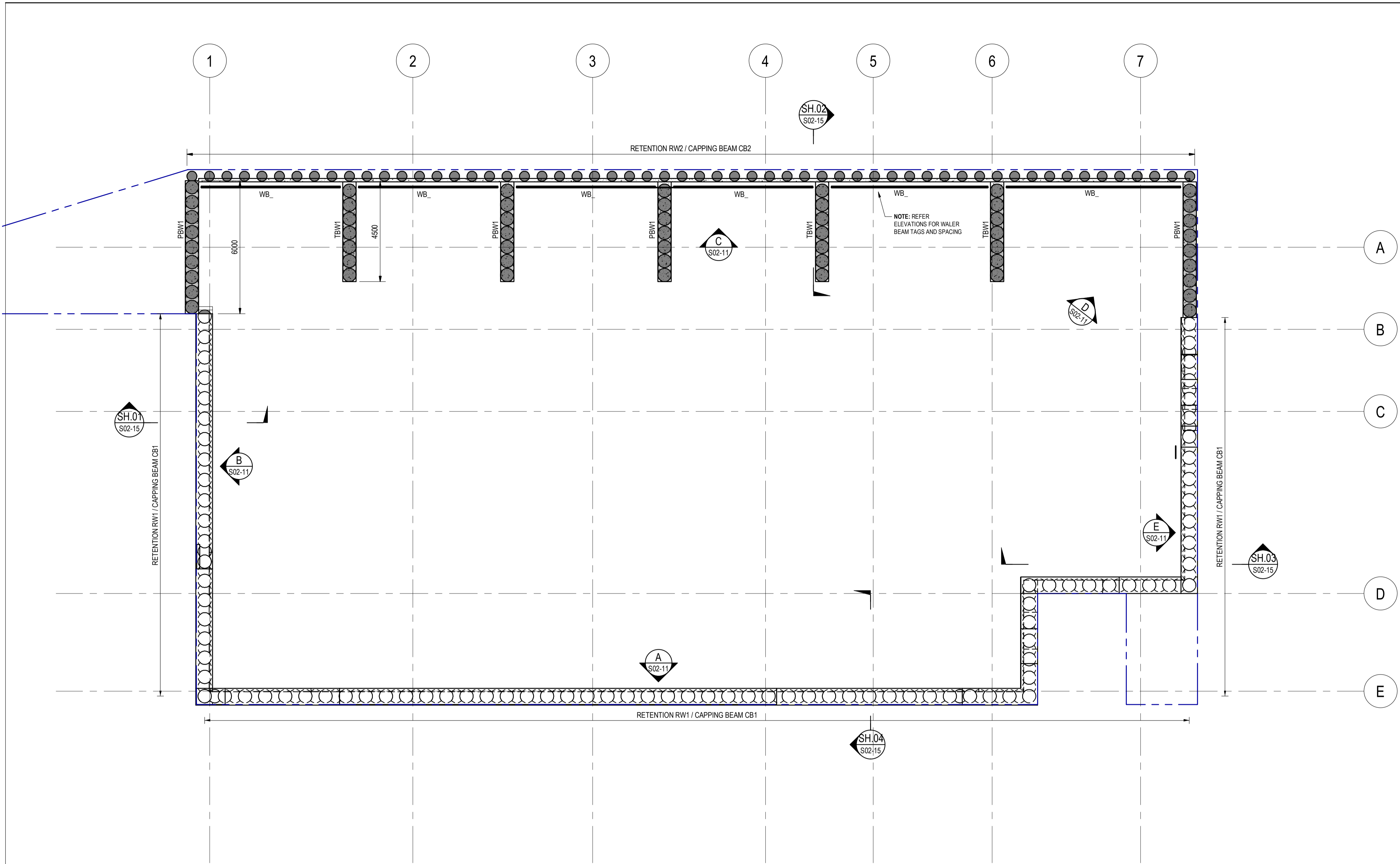
- NOTES:**
- REFER DRG. NO. S01-01 AND S01-02 FOR STRUCTURAL NOTES
 - REFER DRG. NO. S01-11 AND S01-12 FOR TYPICAL DETAILS
 - FOR ALL SET OUT DIMENSIONS, LEVELS, SECTIONS, HOBS, KERBS AND FALLS, REFER TO ARCHITECTS DRAWINGS.

- LEGEND:**
- CB_ DENOTES CAPPING BEAM TYPE
REFER DRG. No. S02-52 FOR DETAILS
 - PF_ DENOTES PAD FOOTING.
REFER DRG. No. S02-51 FOR DETAILS
 - PBW_ DENOTES PERMANENT BUTTRESS WALL TYPE
 - TBW_ DENOTES TEMPORARY BUTTRESS WALL TYPE
- 200** DENOTES FOUNDATION THICKNESS

SHORING FRAMING SCHEDULE		
MARK	SIZE	REMARK
WB1	500 WC 340	WALER BEAM TO BE ANCHORED INTO PILES
WB2	400 WC 270	WALER BEAM TO BE ANCHORED INTO PILES

NOTE: ALLOW ADDITIONAL 10% FOR CONNECTIONS AND FIXINGS

- SHORING CONSTRUCTION METHODOLOGY:**
- DRILL THE 600 DIAMETER SECANT PILE ALONG WESTERN, NORTHERN AND SOUTHERN BOUNDARIES.
 - BUILD UP A TEMPORARY EARTH FILL RETAINING BUND ALONG EASTERN BOUNDARY TO 3000 BELOW THE TOP OF 450 DIAMETER SOLDIER PILES ALONG EASTERN BOUNDARY TO A LEVEL SUITABLE FOR THE PILING RIG TO REACH TO TOP OF THE PILES. THE WIDTH OF THE BUND SHOULD BE SUFFICIENT TO ALLOW AN ADEQUATE WORKING PLATFORM FOR THE PILING RIG AND OPERATIONS. THE REQUIRED TEMPORARY BATTER AND STABILITY OF THE EARTH FILL AROUND THE PLATFORM IS TO BE ASSESSED BY THE GEOTECHNICAL ENGINEER.
 - DRILL THE 450 SOLDIER PILES AND INSTALL THE REINFORCEMENT CAGES ALONG EASTERN BOUNDARY.
 - POUR THE CAPPING BEAM FOR WEST, NORTH SOUTH AND EAST SHORING WALLS.
 - DRILL THE 600 DIAMETER SECANT PILES, INSTALL THE REINFORCEMENT CAGES TO FORM THE 3000 LONG BUTTRESS WALLS.
 - POUR THE CAPPING BEAM FOR THE BUTTRESS WALLS SECANT PILES.
 - EXCAVATE THE EXISTING SLOPED SOIL ADJACENT TO THE EASTERN BOUNDARY UNTIL 500 BELOW THE TOP WALER BEAM WB1.
 - INSTALL THE WB1 WALER BEAMS BETWEEN THE BUTTRESS WALLS.
 - REPEAT STEP 7 AND 8 TO INSTALL ALL WB1 WALER BEAMS UNTIL BULK EXCAVATION LEVEL.
 - CONSTRUCT THE BUILDING FOUNDATION WALLS, COLUMNS AND SLAB FOLLOWING CONVENTIONAL BOTTOM-UP CONSTRUCTION SEQUENCE WITH PROVIDING 1000 TEMPORARY OPENING AROUND THE TEMPORARY BUTTRESSES
 - DEMOLISH THE TEMPORARY BUTTRESSES THEN POUR THE SLAB IN THE VOIDS WITHIN AND AROUND THE TEMPORARY BUTTRESS WALLS.



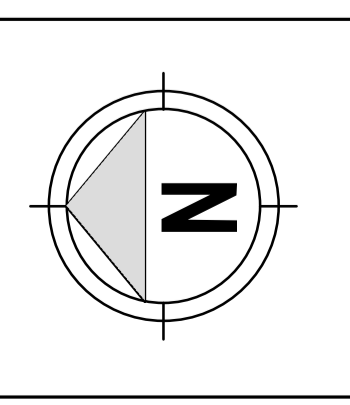
SHORING PLAN
SCALE 1 : 100

RETENTION BY CONTRACTOR - TENDER PROPOSED RETENTION SCHEDULE BELOW		
MARK	TYPE	COMMENTS
RW1	SECANT PILE WALL	600 DIA. PILES ALL 50 MPa REINFORCEMENT : PILES - 8N24 + N10-200 SPIRAL TIES TOTAL LENGTH OF PILES TO BE MIN. 7M SOCKETED MIN. 3.0M BELOW BULK EXCAVATION LEVEL. TOE LEVEL IS RL -4.00.
RW2	SOLDIER PILE WALL	450 DIA. PILES AT 800 CTS MAX. + 150 THICK SHOTCRETE FACE ALL 50 MPa REINFORCEMENT : PILES - 6N24 + N16-100 SPIRAL TIES TOTAL LENGTH OF PILES TO BE MIN. 18M SOCKETED MIN. 5.0M BELOW BULK EXCAVATION LEVEL. TOE LEVEL IS RL -6.00. SHOTCRETE - SL102 MESH GALVANISED

REVISIONS			
No.	REVISION DESCRIPTION	DRAWN	DATE
0	ISSUED FOR INFORMATION	R.J.S.	18-06-2024

SCALE BAR
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ARCHITECT
INNOVATE ARCHITECTS
SUITE 9b, 32 FREDERICK ST. OATLEY NSW. 2223.

PROJECT TITLE
PALM BEACH APARTMENTS
1102 BARRENJOEY ROAD, PALM BEACH

DRAWING TITLE
SHORING PLAN

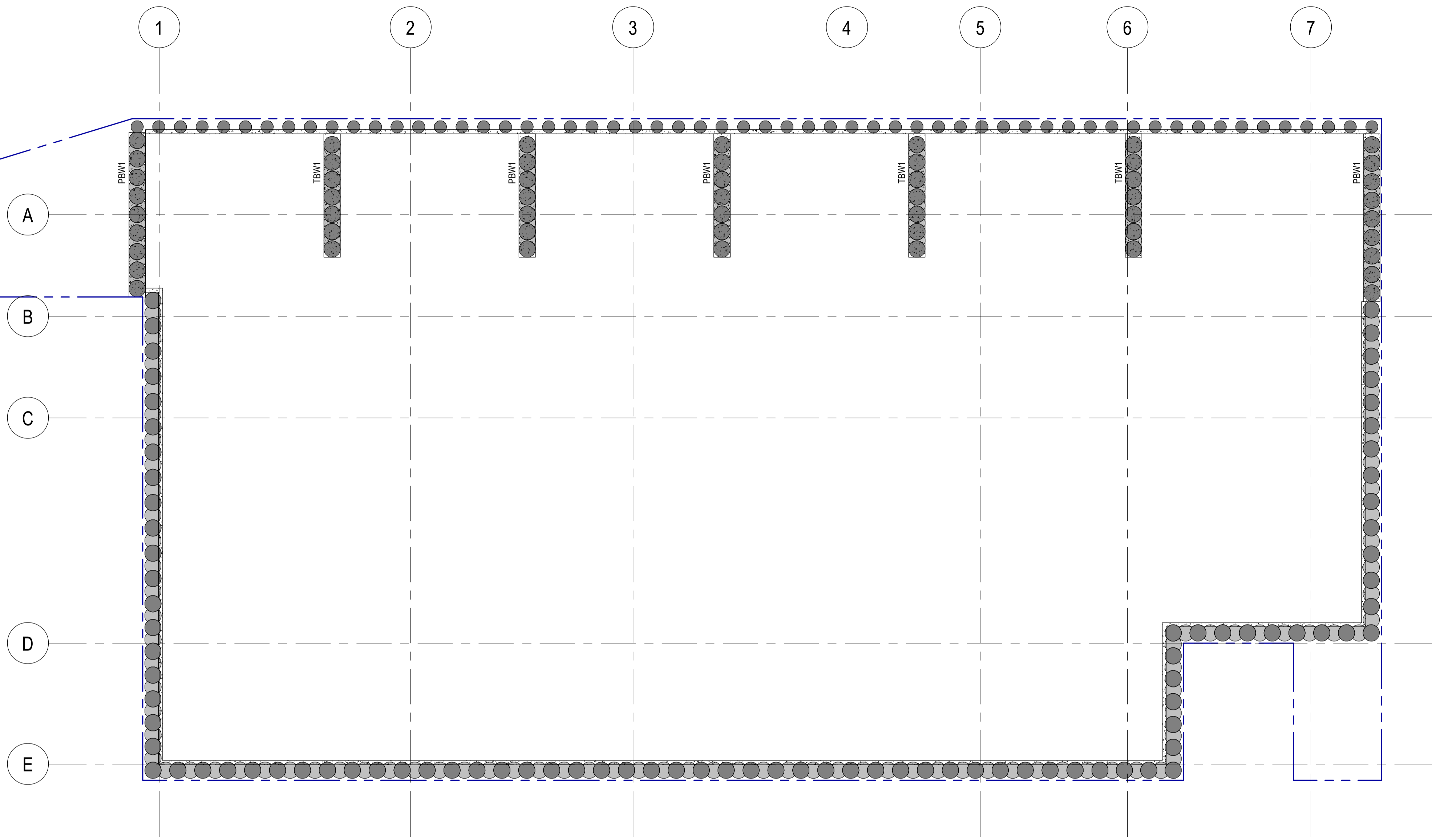
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J.B.	M.S.			
DRAFTSPERSON	SCALE	DATE	SHEET SIZE	
B.A.	1:1, 1:100	APRIL 2021	A1	
JOB No.	DRAWING No.	REVISION		
SY200 209	S02-01	0		

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- NOTES:**
- REFER DRG. NO. S01-01 AND S01-02 FOR STRUCTURAL NOTES
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 - FOR ALL SET OUT DIMENSIONS, LEVELS, SET POINTS, HOBS, KERBS AND FALLS, REFER TO ARCHITECTS DRAWINGS.

- LEGEND:**
- CC_ DENOTES RC CONCRETE COLUMN. REFER DRG. No. S50-50 FOR DETAILS
 - PF_ DENOTES PAD FOOTING. REFER DRG. No. S02-51 FOR DETAILS
 - BW_ DENOTES BUTTRESS WALL TYPE. REFER DRG. No. S0 FOR DETAILS
 - 200 DENOTES FOUNDATION THICKNESS
 - STEP DENOTES SLAB STEP
 - DENOTES SUMP



FOOTING PLAN
SCALE 1 : 100

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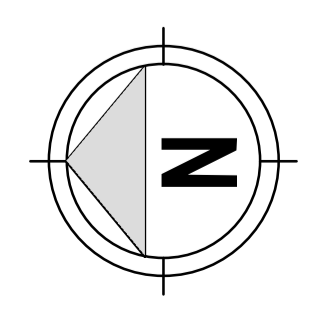
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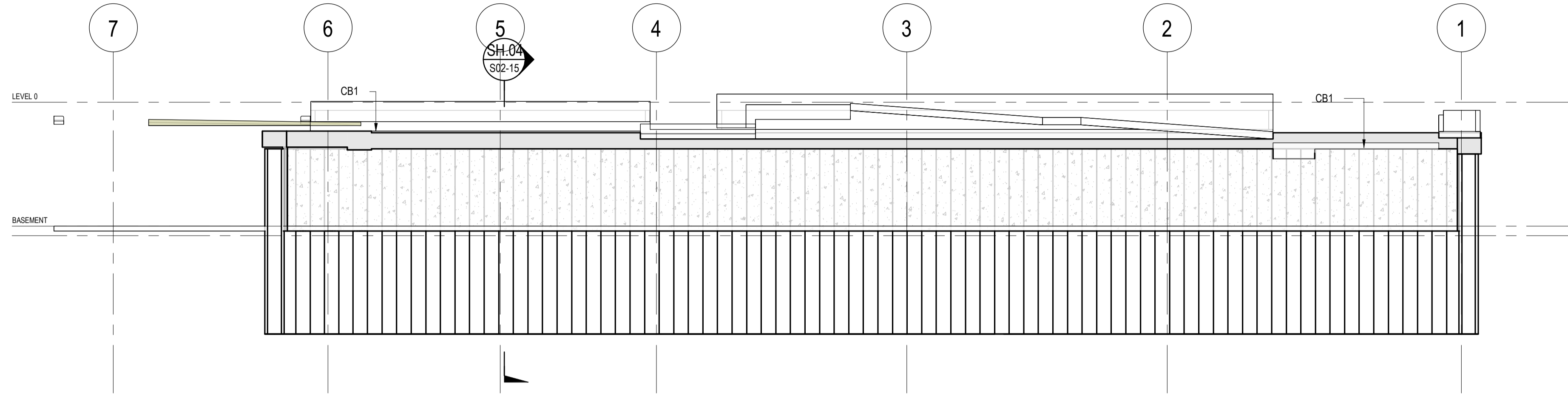
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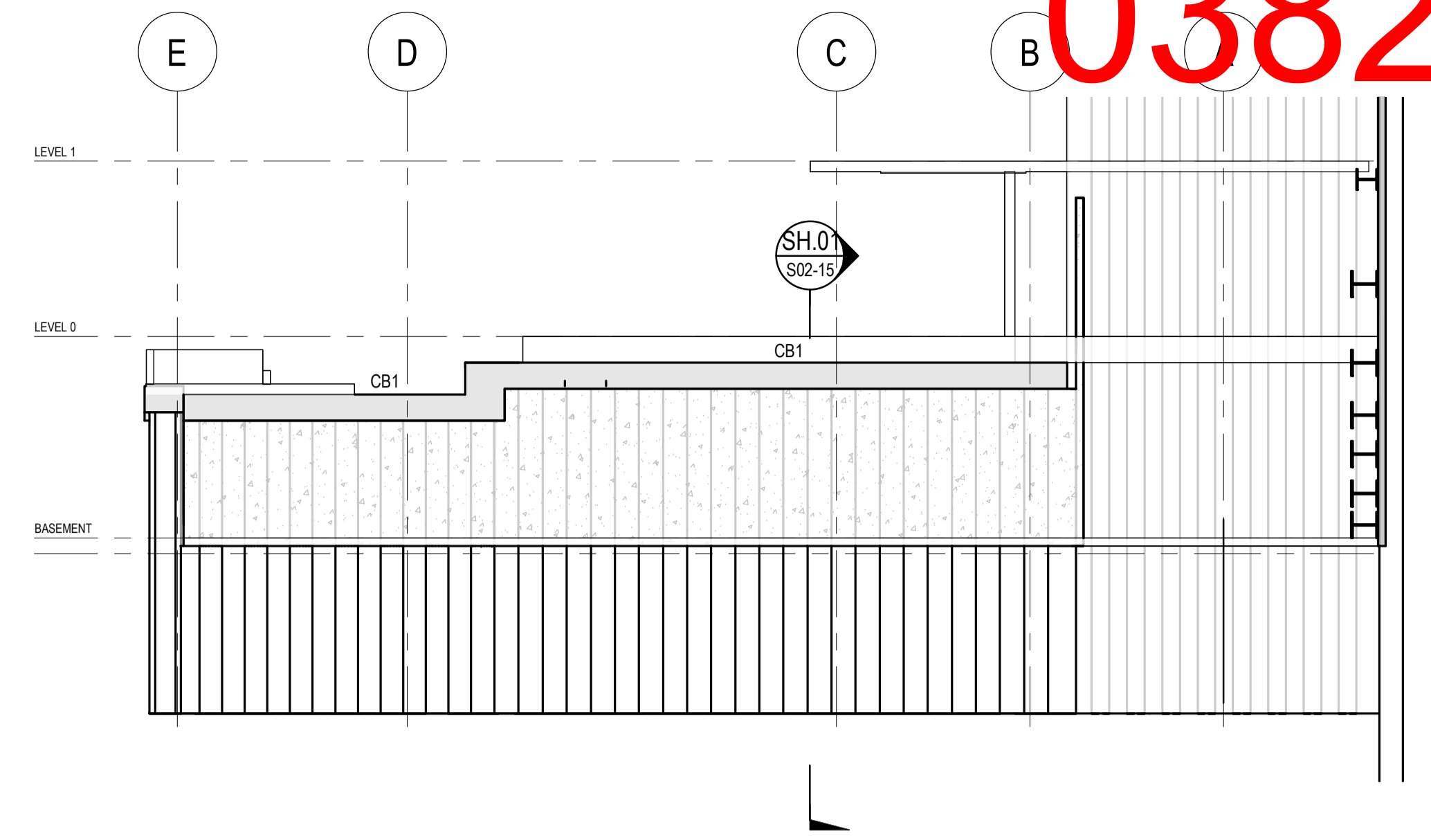
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PROJECT TITLE	PALM BEACH APARTMENTS 1102 BARRENJOEY ROAD, PALM BEACH		
DRAWING TITLE	FOOTING PLAN		

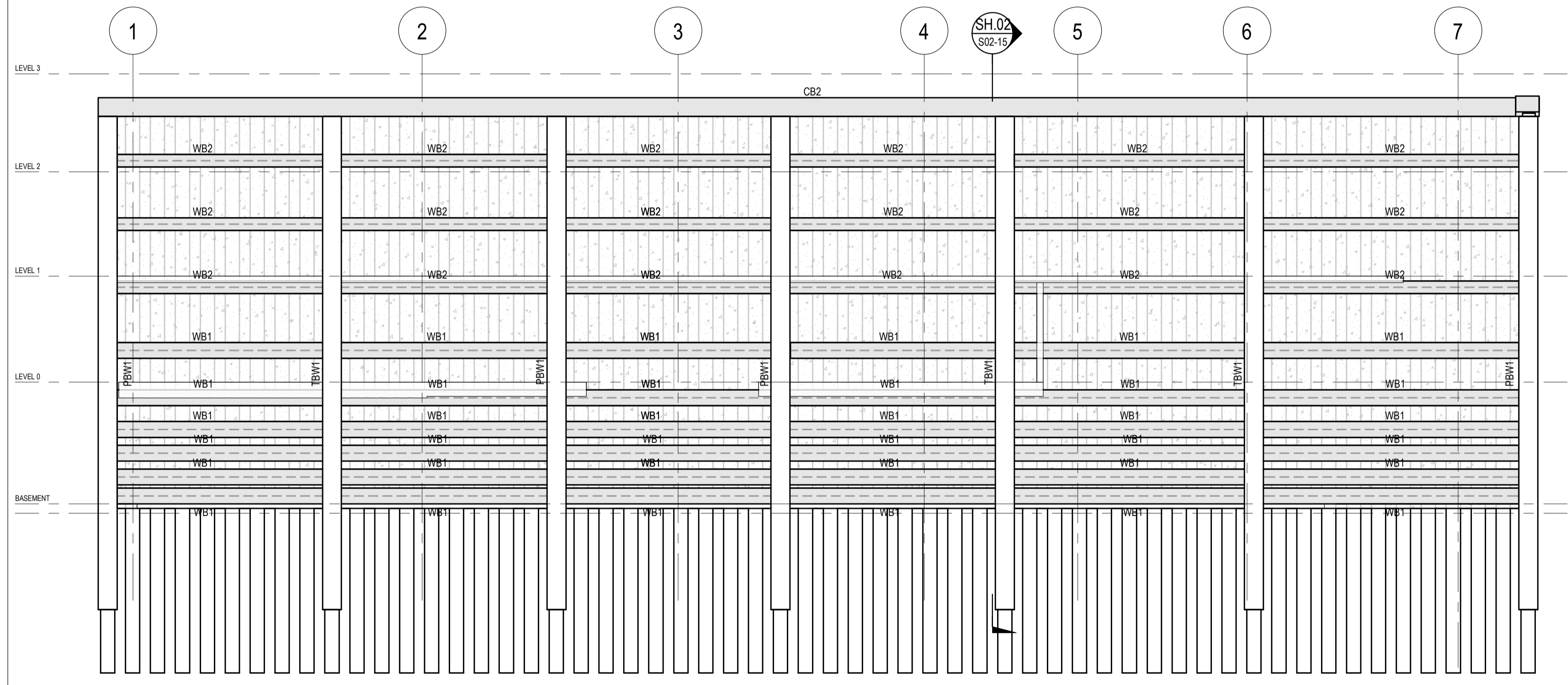
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J.B.	M.S.		
DRAFTSPERSON	SCALE	DATE	SHEET SIZE
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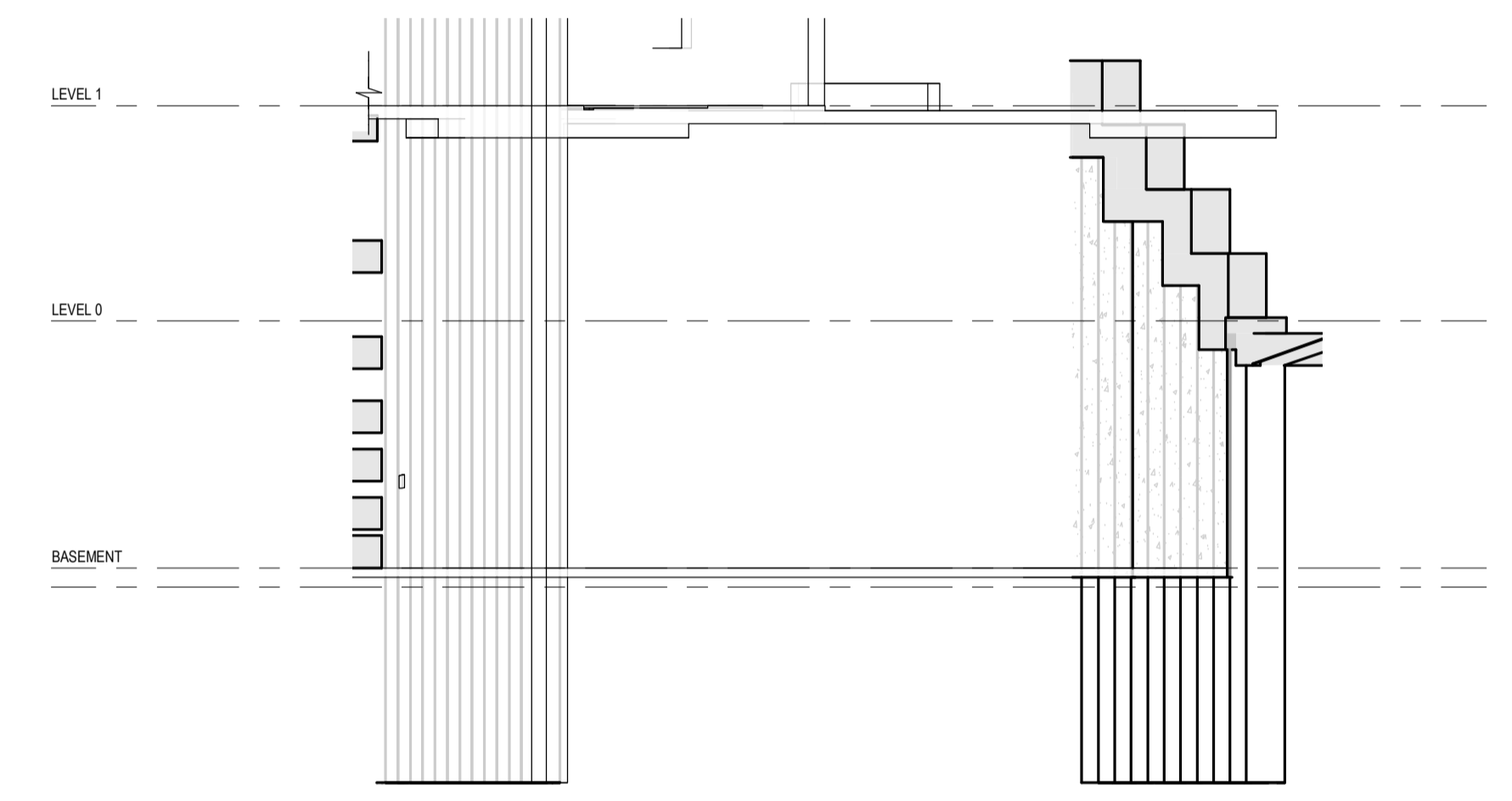
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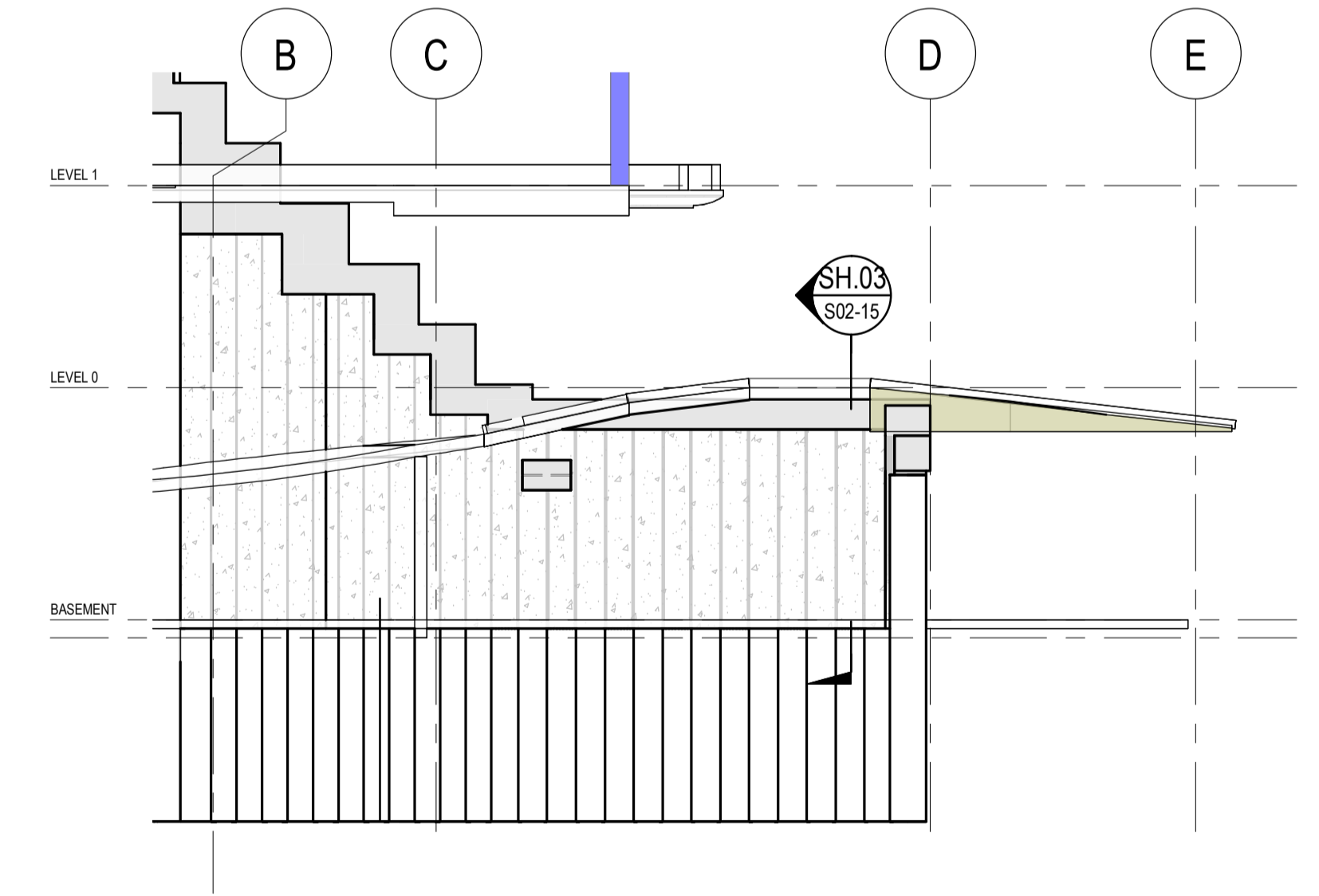
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SHORING ELEVATION C
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SHORING ELEVATION D
SCALE 1:100



SHORING ELEVATION E
SCALE 1:100

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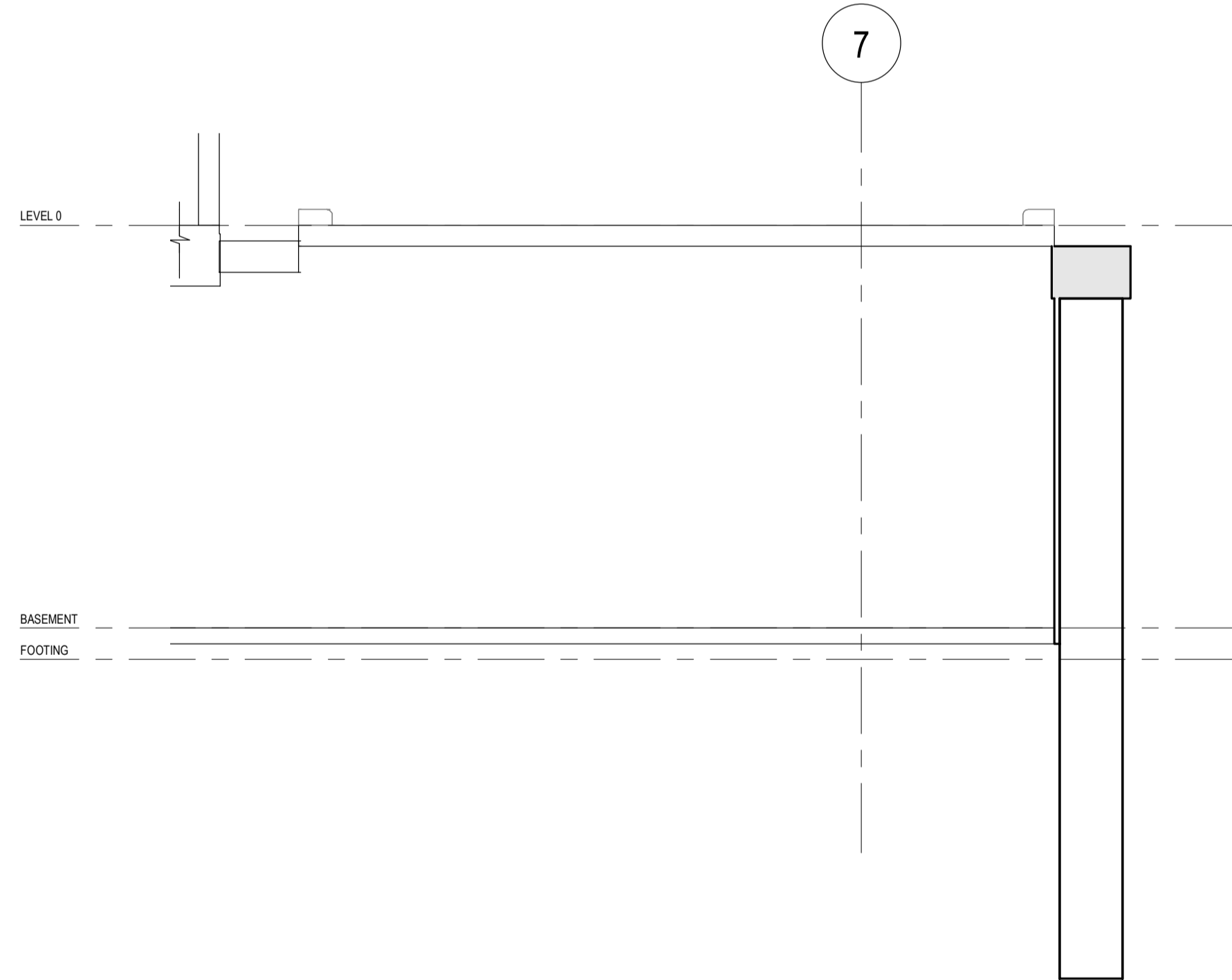
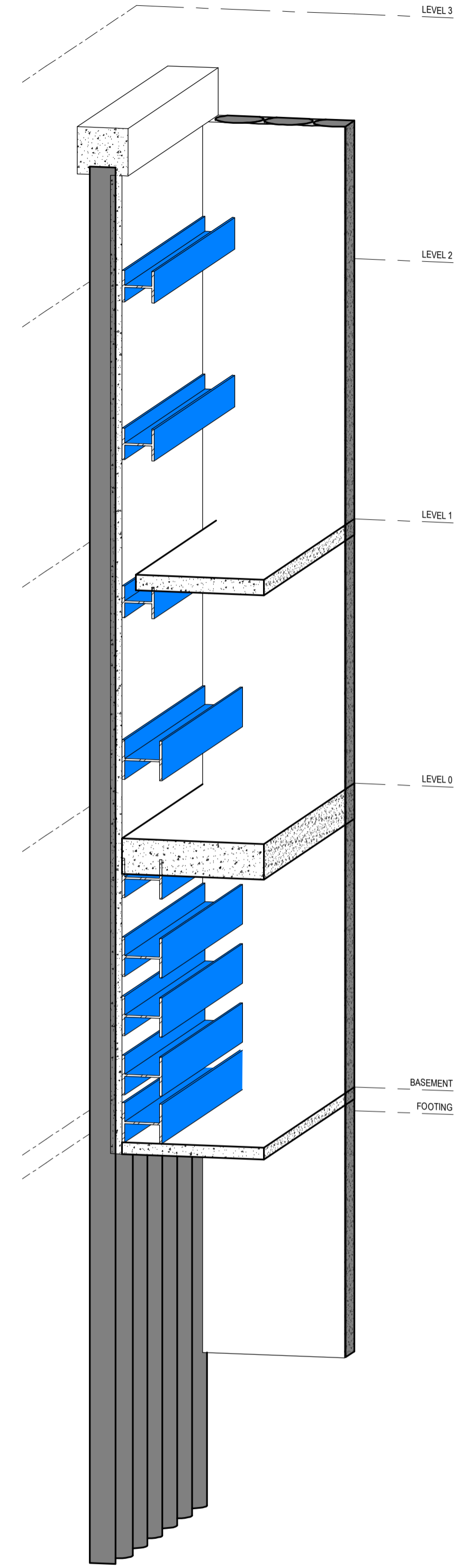
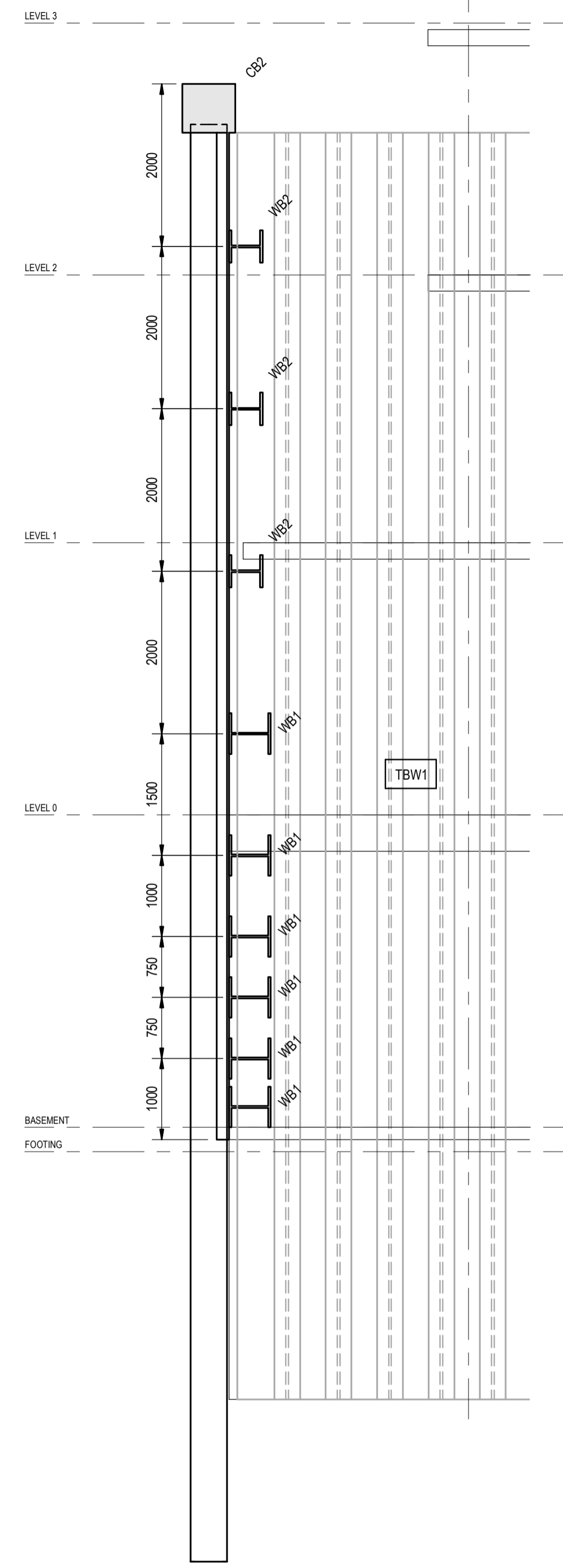
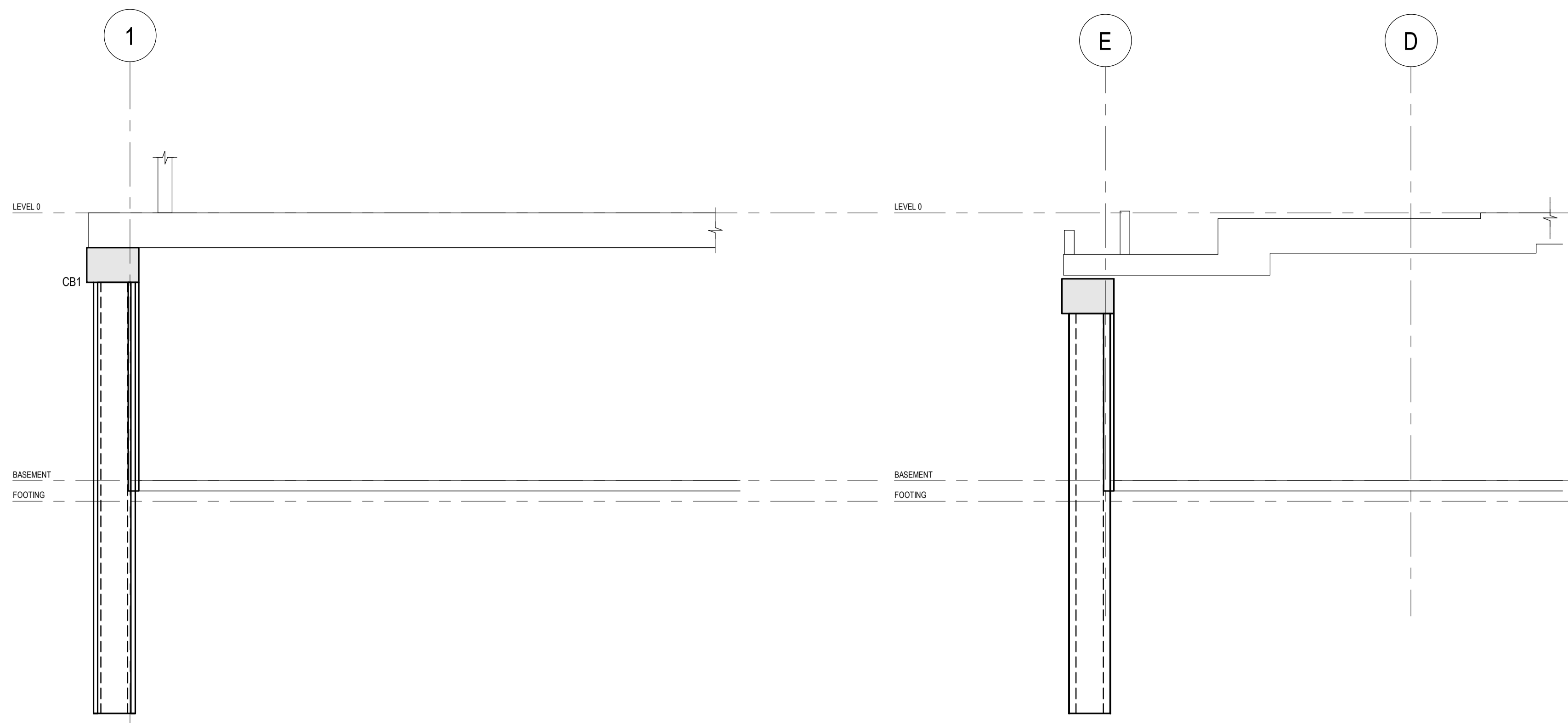
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ARCHITECT	INNOVATE ARCHITECTS SUITE 9b, 32 FREDERICK ST. OATLEY NSW. 2223.

PROJECT TITLE	PALM BEACH APARTMENTS 1102 BARRENJOEY ROAD, PALM BEACH		
DRAWING TITLE	SHORING ELEVATIONS		

DRAWING STATUS			
INFORMATION NOT TO BE USED FOR CONSTRUCTION			
PROJECT LEADER	DESIGNER	SIGNATURE	
J.B.	M.S.		
DRAFTSPERSON	SCALE	DATE	SHEET SIZE
B.A.	1:100	APRIL 2021	A1
JOB No.	DRAWING No.	REVISION	
SY200 209	S02-11	0	

0383

NOTES:
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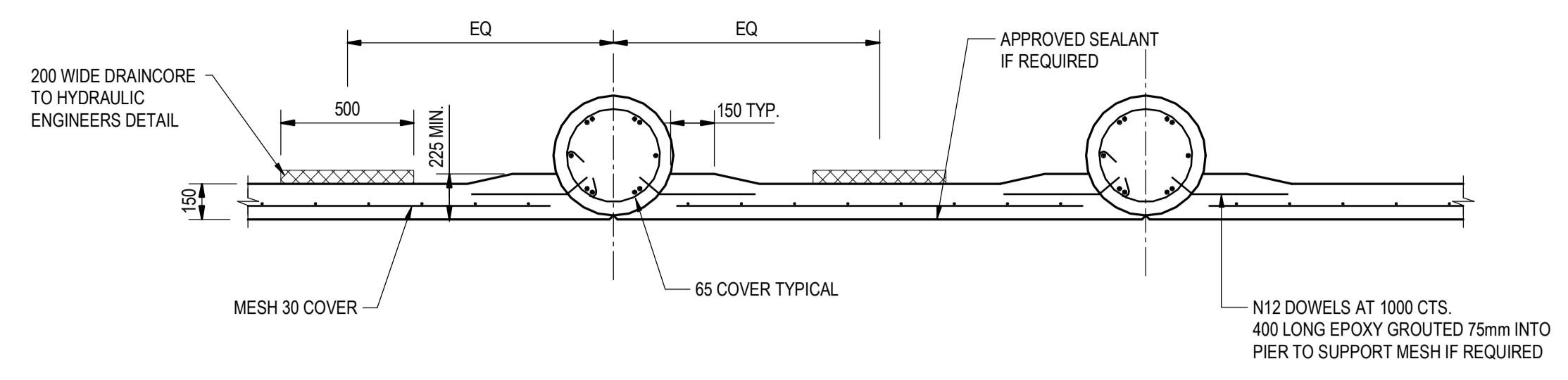
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PROJECT TITLE
 PALM BEACH APARTMENTS
 1102 BARRENJOEY ROAD, PALM BEACH

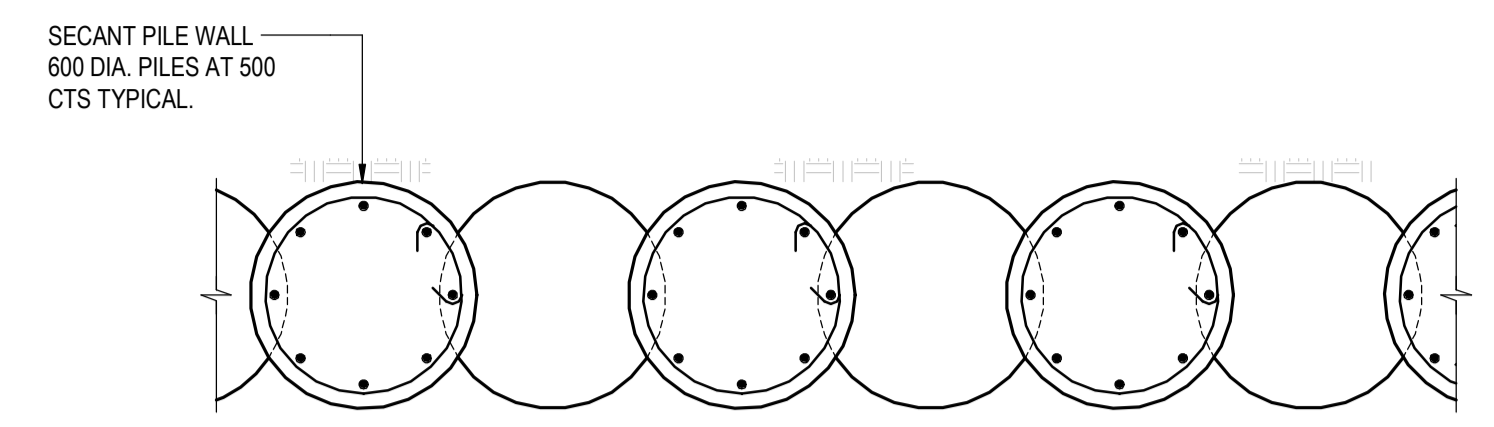
DRAWING TITLE
 SHORING SECTIONS

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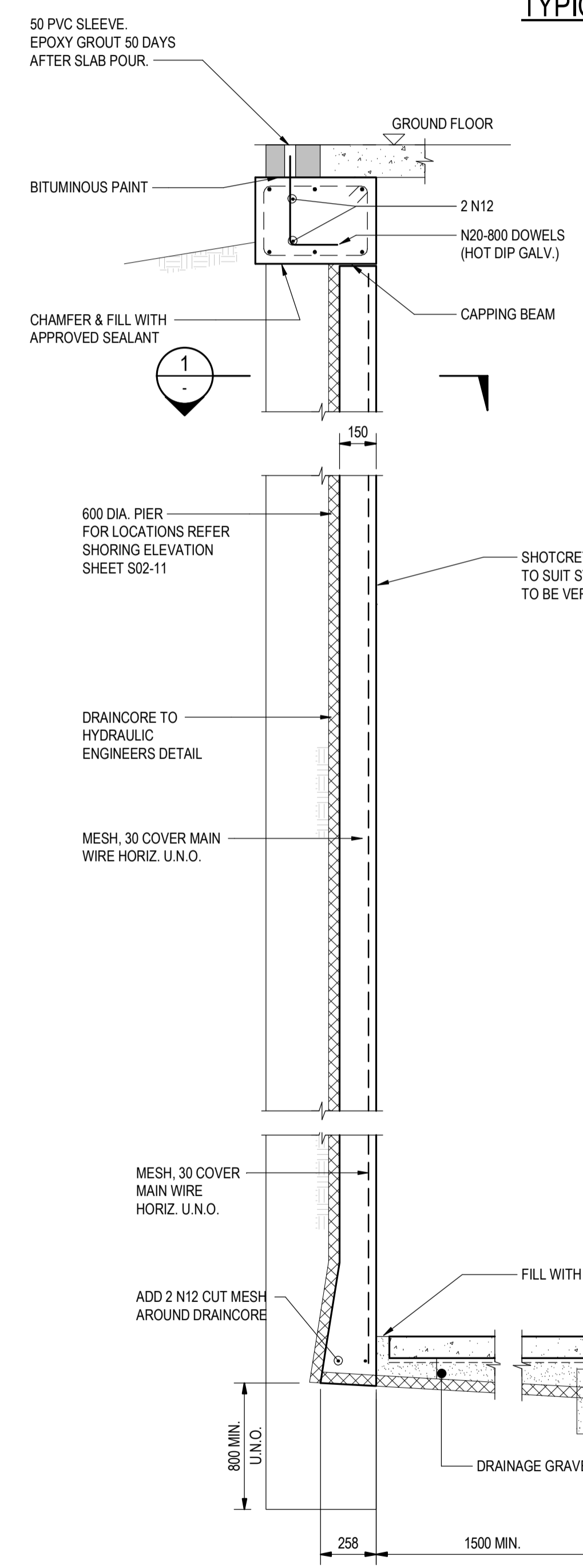


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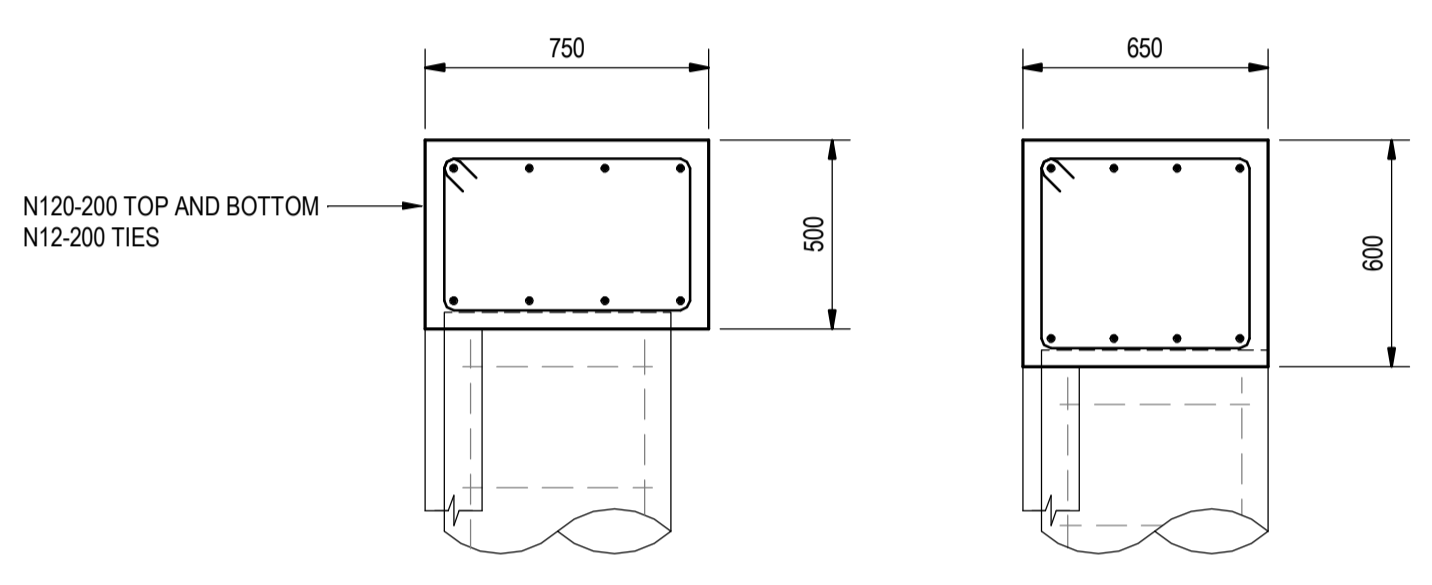
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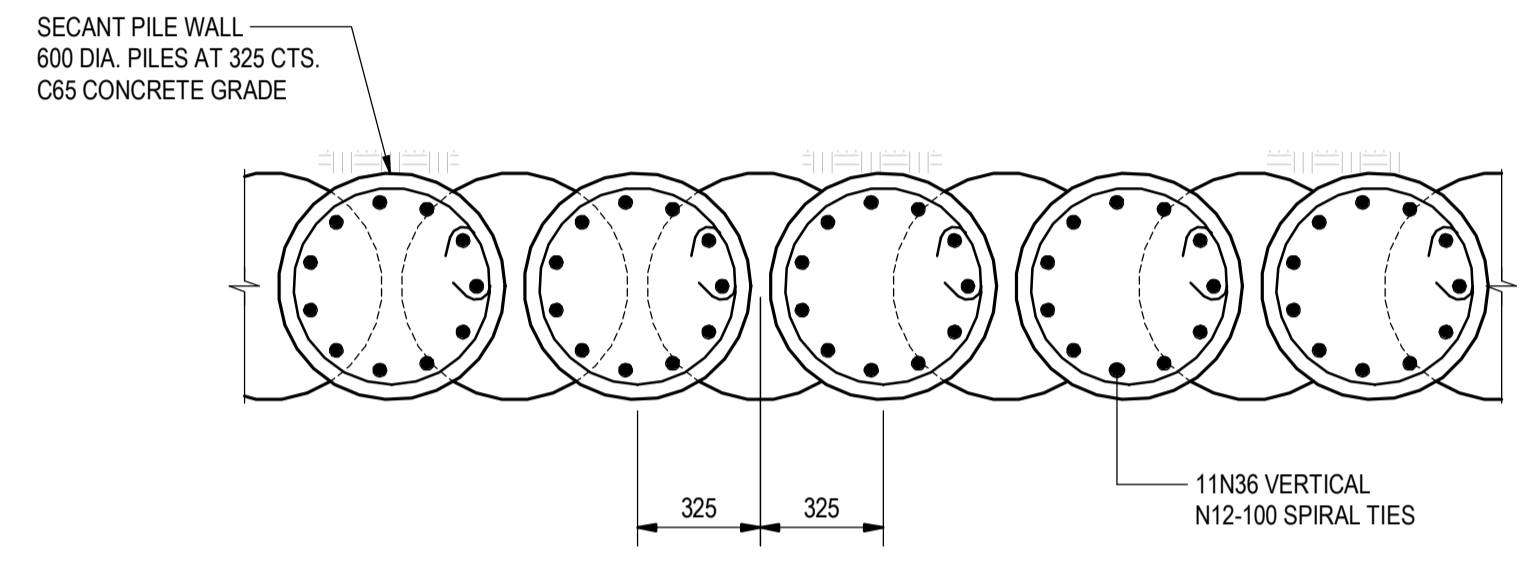
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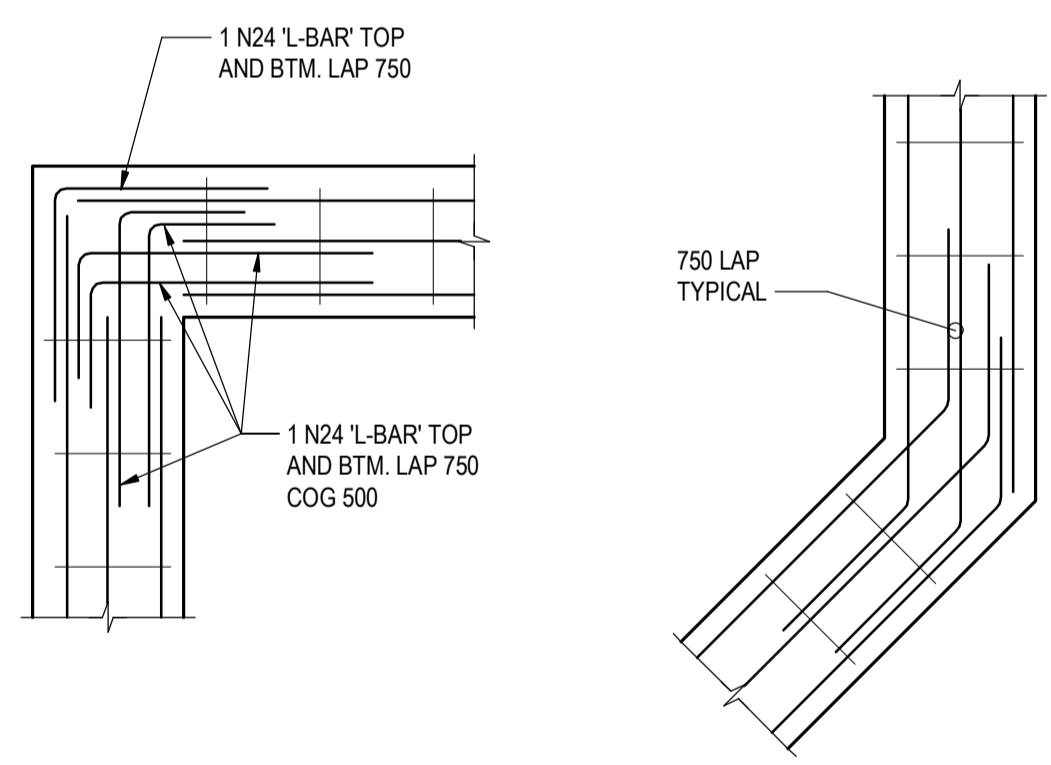
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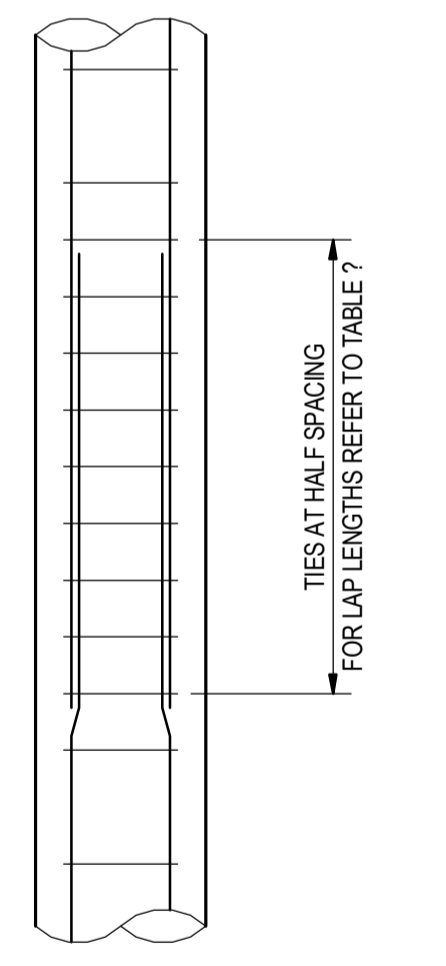
TYPICAL CAPPING BEAM CB SECTION



TYPICAL SECANT PILE PBW1 AND TBW1 DETAIL



TYPICAL CAPPING BEAM CORNER DETAILS



TYPICAL PILE SPLICE DETAIL

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PROJECT TITLE	PALM BEACH APARTMENTS 1102 BARRENJOEY ROAD, PALM BEACH		
DRAWING TITLE	SHORING AND FOOTING DETAILS SHEET 2		

DRAWING STATUS			
INFORMATION NOT TO BE USED FOR CONSTRUCTION			
PROJECT LEADER	DESIGNER	SIGNATURE	
J.B.	M.S.		
DRAFTSPERSON	SCALE	DATE	SHEET SIZE
B.A.	1:20	APRIL 2021	A1
JOB No.	DRAWING No.	REVISION	
SY200 209	S02-52	0	