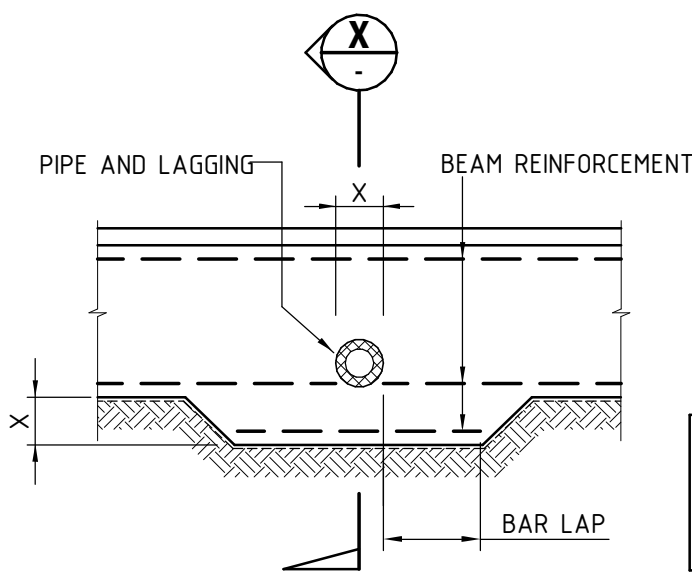


PART BASEMENT LAYOUT PLAN  
SCALE 1:100

NOTES:  
1. PILE DESIGN BASED ON GEOTECHNICAL REPORT BY WGA (WGA181548). REFER TO THIS REPORT FOR MORE INFORMATION.  
2. ALL PILES TO BE CFA PILES AS RECOMMENDED IN THE GEOTECHNICAL REPORT DUE TO THE PRESENCE OF HIGH WATER TABLE.



#### BEAM PENETRATION DETAILS

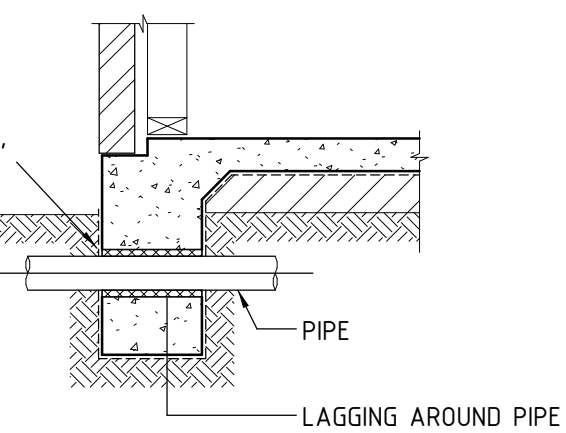
LOCALLY DEEPEN BEAM UNDER PIPE LOCATION WHEN PIPE AND LAGGING DIA. EXCEED 1/3 BEAM DEPTH (\*X\* = PIPE Ø + LAGGING)

#### PIPE LAGGING REQUIREMENTS:

NOTE:  
40mm CLOSED CELL POLYETHYLENE FLEXIBLE CONNECTORS SHALL BE PROVIDED

NOTE:  
THE USE OF 'DENSO TAPE' IS RECOMMENDED

FOR FOOTING BEAM AND UNDER SLAB DETAILS  
REFER EXTERNAL AND INTERNAL FOOTING DETAILS

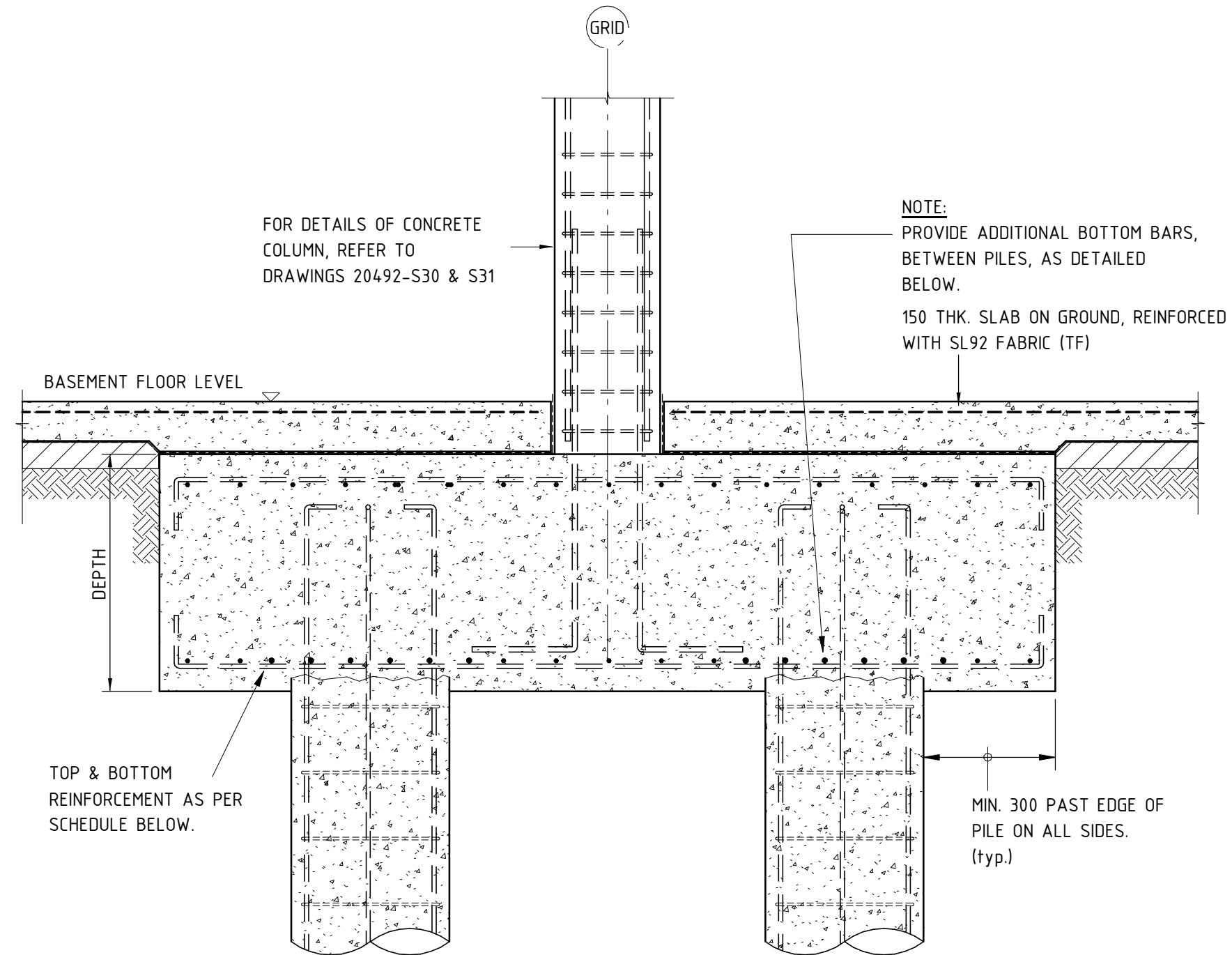


SECTION  
SCALE 1:20

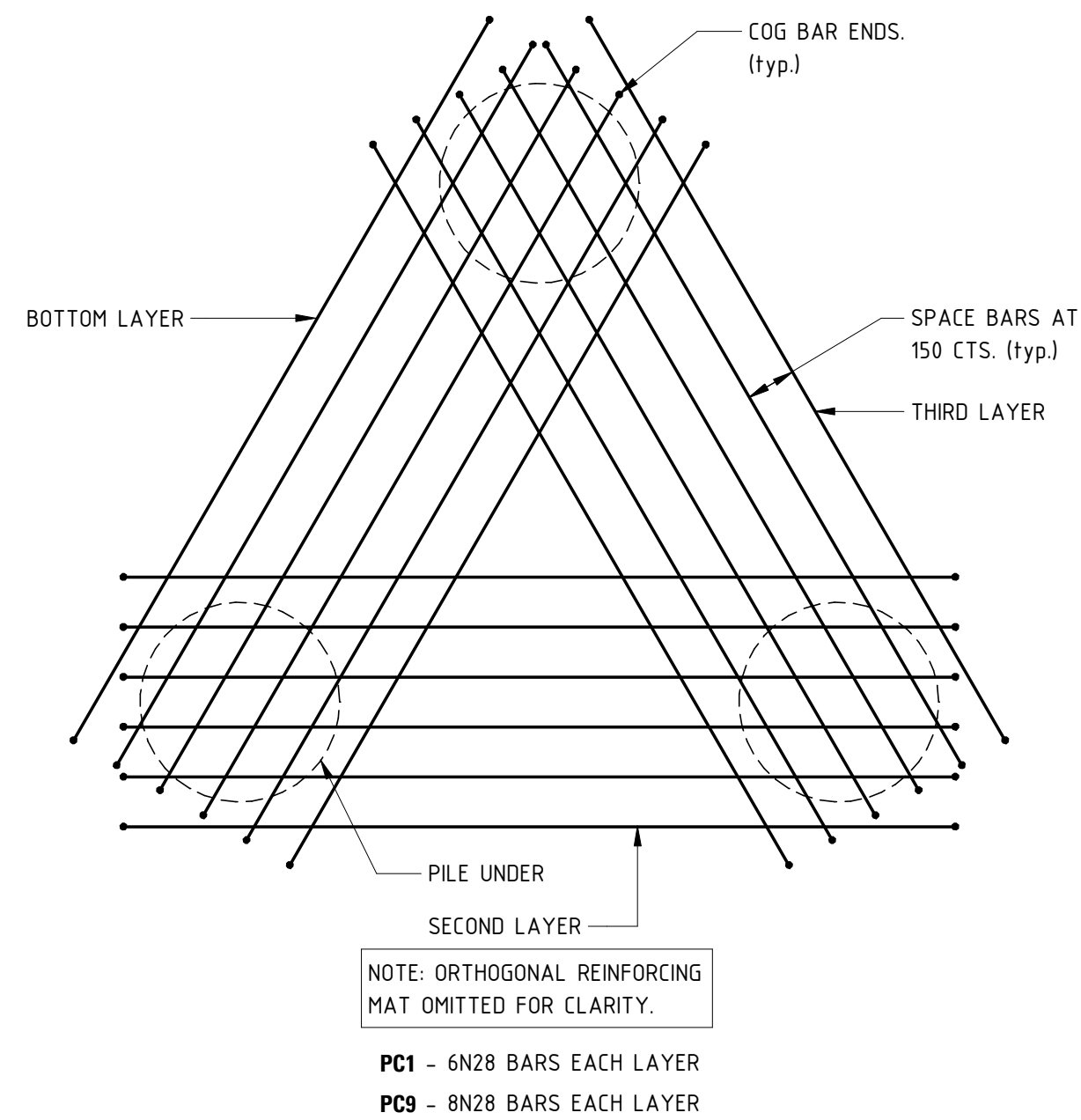
#### LEGEND:

- ⬢ DENOTES COLUMN ABOVE (BOLD TEXT)
- ⬢ DENOTES COLUMN UNDER
- DENOTES JOINT IN SLAB. REFER TYPICAL DETAIL ON 20492-S03.
- /// DENOTES 3-N12 x 2000 LONG CRACK CONTROL BARS TIED TO UNDERSIDE OF MESH.
- ⬢ DENOTES PRECAST PANEL TYPE. REFER PANEL SCHEDULE FOR DETAILS.

NOTE: FINAL SLAB JOINT LAYOUT TO BE PROPOSED BY THE BUILDER AND SUBMITTED TO THIS OFFICE FOR REVIEW AND APPROVAL.



PC1/PC9 PILE CAP SECTION



PC1/PC9 ADDITIONAL BOTTOM REINFORCEMENT PLAN

#### BASEMENT CONCRETE COLUMN SCHEDULE (east)

MARK	SIZE	REMARKS
BC1	400 x 900	CONCRETE COLUMN. REFER SCHEDULE ON DRG. 20492-S31.
BC2	400 x 900	CONCRETE COLUMN. REFER SCHEDULE ON DRG. 20492-S31.
BC3	600 x 350	CONCRETE COLUMN. REFER SCHEDULE ON DRG. 20492-S31.

#### STRIP FOOTING SCHEDULE

MEMBER	WIDTH	DEPTH	REINFORCEMENT
SF1	400	800	3N16 TOP & BTM, W8-800 LIGS.
SF1a	750	800	3N16 TOP & BTM. & W8-800 CTS. FOR INITIAL 400 WIDTH OF FOOTING, UNDER EXTERNAL WALL. PROVIDE ADDITIONAL 2N16 TOP & BTM, W8-800 CTS., 'C' SHAPED LIGATURES FOR REMAINING 350.
SF2	300	600	3N12 TOP & BTM, W6-800 LIGS.

#### PILE CAP SCHEDULE

MEMBER	LENGTH	WIDTH	THICKNESS	REINFORCEMENT
PC1	REFER DETAIL	REFER DETAIL	900	N24-200 EW, TOP & BTM. + ADDITIONAL REINFORCEMENT BTM. REFER DETAIL.
PC2	3650	1300	750	N28-150 TOP & BTM. 2/N16-150 LIGS.
PC4	1300	1300	600	N24-200 EW, TOP & BTM.
PC5	6600	4050	1100	N24-200 EW, TOP & BTM.
PC6	6650	6650	1100	N24-200 EW, TOP & BTM.
PC7	1300	1300		N24-200 EW, TOP & BTM.
PC8	3650	1300		N24-200 EW, TOP & BTM. + ADDITIONAL REINFORCEMENT BTM. REFER DETAIL.
PC9				

FOR CONSTRUCTION

07.02.20	TIE FOOTINGS DELETED & SCHEDULE REVISED	03
Date	Revision	Issue

PT Design

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Designer	RW	Drawn	82 & MM
Approved	AV	Date	07/02/2020
STRUCTURAL		Sheet	2 of x

Project  
**HYDE PARK PLACE  
248 UNLEY ROAD,  
HYDE PARK SA**

Client  
**CITIFY & BFC PTY LTD**

Drawing Title  
**BASEMENT LAYOUT  
PLAN**

Drawing Number  
**20492-S02**

Scale  
As indicated

Issue  
**03**

0 2500 5000 10000

SCALE 1:100 @ A1