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Our ref. no.: IS1 - JZ/20/SEL/507

20 May 2020

Foo Chee Yong,

Re: Detail and Spot Level Survey on Lot 1204 (GRN 10019), Seksyen 57, Town of Kuala Lumpur, Wilayah Persekutuan Kuala Lumpur.

Please help to carry-out the **Detail and Spot Level Survey on Lot 1204** as shown in **PA 100651** at site (Menara Aims) as follows:

1. To do the **solar observation** and **establish close loop control traverse** at and around the site by **connecting to old boundary marks** as base.
2. To **transfer level** from the **nearest Bench-Marks (BM)** to the site as **height datum**.
3. Based on Item No. 2 above, to **establish 2 units of Temporary Bench-mark (TBM)** at site for future reference.
4. Based on Items No. 1 to 3 above, to carry-out a detail and spot level survey on Lot 1204, extending 15 m beyond the boundary to show the features such as metalled road, drain (IL and size), limit of building, fence, utilities such as electric pole, lamp post, telephone pole, manhole, etc and also to provide the regular spot level to depict the ground profile at ground level only.
5. To pick up the position and limit of existing building (1½ storey podium) and its roof near the main entrance lobby at Ground Floor only, as circled in red in the attached "Appendix C".
6. To pick up position and limit of 4 columns (A, B, C & D) and limit of the internal wall (W, X, Y & Z) at Basement 1 only, as shown in the site photographs in the attached "Appendix D" and "Appendix E".
7. To measure the internal walls and columns inside the 2 existing UPS Rooms and Lift Lobby at "Lower Ground Floor" as shown in the attached "Appendix F1" as follows:
 - 7.1 To pick up the position of the internal walls (Points W1, W2, W3, W4, W5, W6 & W7) of Lift Lobby.
 - 7.2 To pick up the position of the internal walls of the existing UPS Room (Points W8, W9, W10, W11,.....W22, W23 & W24).
 - 7.3 To pick up the position of the external walls (Points W25, W26, W27 & W28).
 - 7.4 To pick up the position of 2 columns C1 & C2 inside the UPS Room.
 - 7.5 The internal walls of the staircase and lift shafts at "Lower Ground Floor" are not required to be measured.
8. To pick up the position of the columns and walls at "Basement 1" as shown in the attached "Appendix G1" as follows:
 - 8.1 To pick up the internal wall (Points W1, W2, W3, W5 & W6).
 - 8.2 To pick up the external wall (Points W3, W4, W5, W7, W8, W9, W10, W11,W17, W18 & W19).
 - 8.3 To pick up the position of columns C1, C2, C3, C4 & C5.

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- 8.4 To provide the Reduced Level(RL) of “Ground Level” and “Soffit Level” of 4 beams at Points G1+B1, G1'+B1', G2+B2, G2'+B2', G3+B3, G3'+B3', G4+B4 & G4'+B4' at “Basement 1” as shown in the attached “Appendix G1”.
 - 8.5 All the internal columns IC1, IC2, IC3, IC4, IC5 and etc. are not required to be measured.
 - 8.6 The visible external walls from the driveway of Basement 1 are required to be measured as shown in the attached “Appendix G1”. All the “invisible internal walls and internal columns from the driveway of Basement 1” which are not shown in the attached “Appendix G1” are not required to be measured.
 9. To provide one Reduced Level(RL) each on the “Floor Level” of the staircase at Grid Lines 5/D at Ground Floor, Level 1, Level 2 and mid landing of the staircase between Level 1 and Level 2 as shown in the attached “Appendix H”. We are not required to provide any RL at the Mezzanine Floor.
 10. To pick up the soffit level of the building at Ground Floor, Ground Level of the ramp and limit of the wall and columns as shown in the attached “Appendix I” as follows:
 - 10.1 To pick up the soffit level of Points S1, S2, S3, S4, S5, S6, S7 & S8.
 - 10.2 To pick up the Ground Level of Points G1, G2, G3, G4, G5, G6, G7 & G8.
 - 10.3 To pick up the limit of the wall and columns marked as “X”
 11. To pick up the limit of the wall (Points G1, G2, G3, G4, G5, G6, G7, G8 & etc.) as shown in the attached “Appendix J”
 12. Besides the details and spot level survey as mentioned above, other detail and spot level are not required to be measured at the other basement floors or upper floors.
 13. **Please pick up a few spot levels on the neighbouring lots** (by getting the permission from the neighboring lots or by holding staff, throw the measuring tape, etc.)
 14. **Please pick up the fencing**, concrete wall or retaining wall located on the common boundary accurately by using miniprism.
 15. **Please pick up the ground level and level on top of the perimeter fencing wall**. Purpose is to know the height of the perimeter fencing wall, ground level and level on top of the perimeter fencing wall.
 16. Please paint all the boundary marks and TBM with red paint for easy identification at site.

Attached with Field Book 98, Tachy Book 50, Level Book 50.

As per discussion, please start work at site at 7.30AM on this coming Friday, 22.5.2020

Please try to submit the survey data, Field Book, Tachy Book, Level Book & etc to me asap after you have completed the survey work at site. Please calculate & show the po & new comparison of baseline, linear misclose of the control traverse, the RL of the control stations in FB, TB, LB & etc.

Thank you.

Regards,
Heng Wei Kaiy