



## ADDENDUM NO. 1

November 14, 2023

PROJECT: Port Perry Cannabis Facility, 8 Easy Street, Port Perry, ON

Attached: Electrical Line Drawing

Tender Closing: To be Extended

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Clarifications:

1. The elevator is LULA and should not require a floor drain.
2. Floor drains are specified on P3, Note #6, Cleanouts are specified note #7. Roof drains are no longer required.

3. HT1 and HT2 are specified on P3 in the schedule as follows:

*HT1: 2500-gal PLASTIC COMPOSITE HOLDING TANK. REQUIRES FLUSH FRAME ALUMINUM COVER. TANK DIMENSIONS: 120"LX86"WX65"H.*

*HT2: 2500-gal PRE-CAST CONCRETE TANK (WITH OUTLET). REQUIRES FLUSH FRAME ALUMINUM COVER. TANK DIMENSIONS: 120"X86"X85"H.*

*These tanks should be sourced from a suitable pre-cast company. I suggest finding a septic supplier and requesting a "holding tank" with the required capacities.*

4. Please confirm all asphalt for this project is as per the recommendations on drawing SG-1 (Site Grading Plan) (see below for reference)?

MINIMUM OF 150MM OF TOPSOIL.

9. DRIVE AISLE SHALL CONSIST OF THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE GEOTECHNICAL ENGINEER:

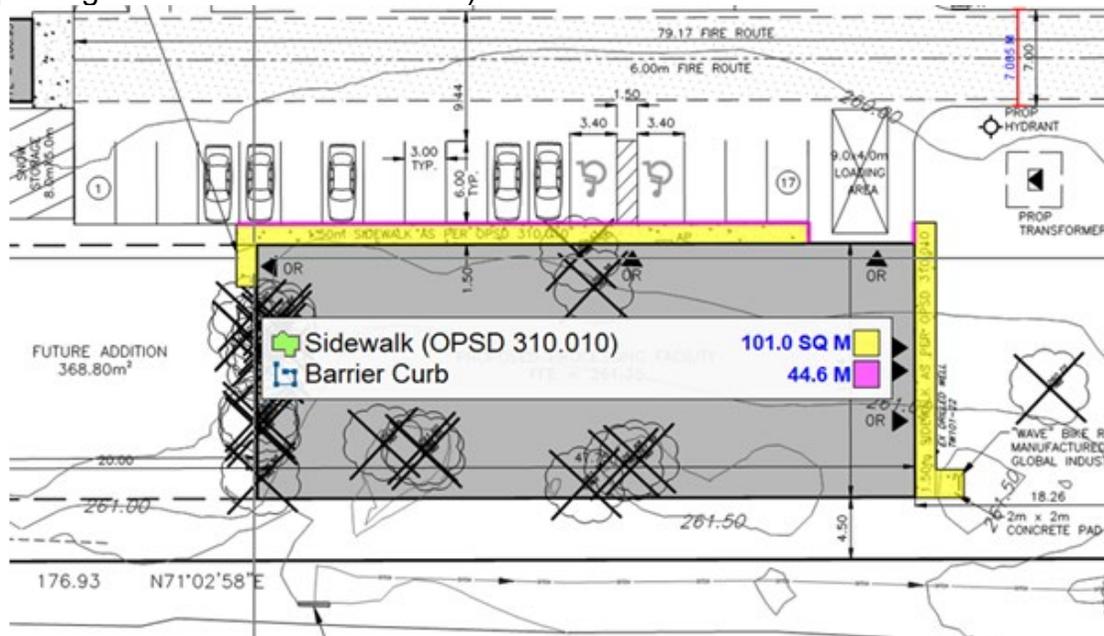
- 300mm GRANULAR 'B'
- 150mm GRANULAR 'A'
- 50mm HL8 ASPHALT
- 40mm HL3 ASPHALT

*The noted pavement design is the light duty pavement makeup and has been mis labelled as for the drive aisle on the grading plan. Heavy duty pavement shall be made up of 40mm HL3, 90mm HL8 (2 lifts), 150mm granular 'A', and 450mm granular 'B'. Please see the attached geotechnical report for more information. Heavy duty pavement is required beneath the fire route, all other parking areas can be light duty.*

5. Please confirm if barrier curbs are required around the perimeter of the asphalt paving parking lot? Please note: none are indicated on the drawings.

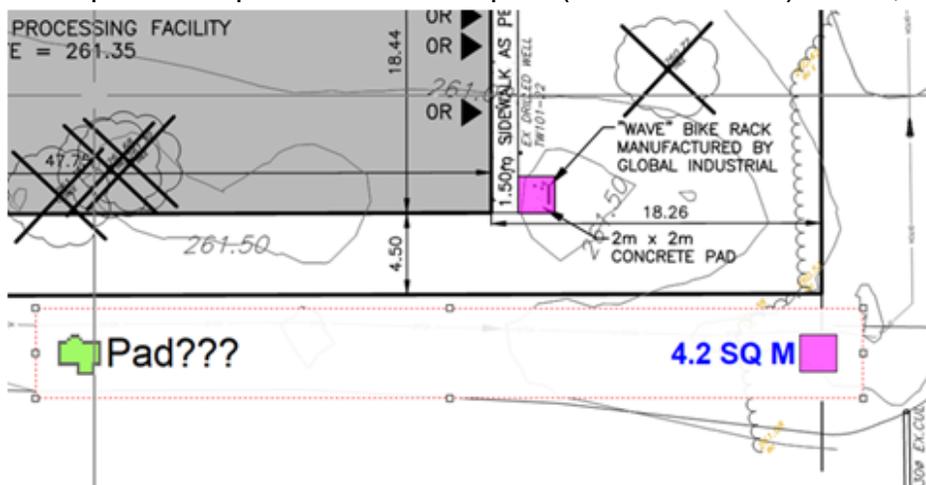
*No, there are no barrier curbs along the perimeter of the asphalted parking lot. It will be a level transition from asphalt to sodded surfaces.*

6. Regarding the sidewalk SOW, please confirm if a curb is required along the interface between concrete sidewalk and asphalt paving (see below for reference)? If this is a raised sidewalk we have to include for a curb (but the drawings don't show any top/bottom curb elevations) along the edge of sidewalk where it interfaces with asphalt (even if it's a monolithic pour). If it's not a raised sidewalk than I believe they should be including for parking curbs at all parking spaces along the sidewalk frontage (but no parking curbs are indicated either).



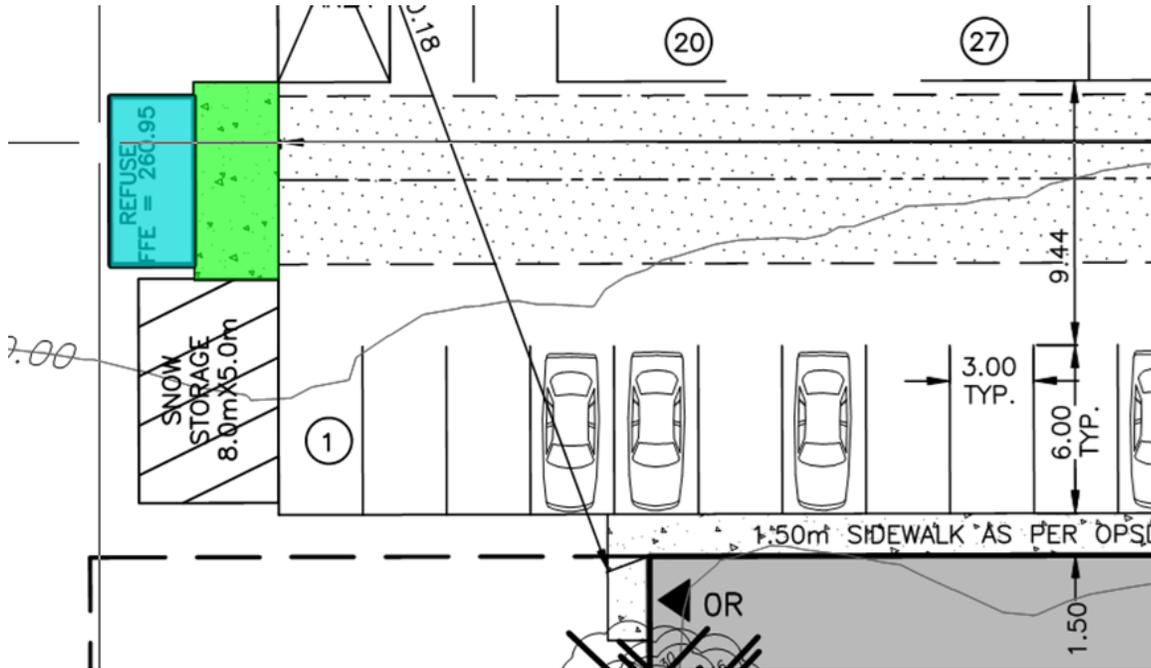
*The sidewalk is not raised, it is to be flush with the asphalted driving surface. Parking curbs should be included along the spaces that abut the sidewalk. 14 x 8" long parking curbs will be required in total.*

7. Confirm the bike pad (see below pic) is just an extension of the concrete sidewalk and we are to price it as per the sidewalk spec. (OPSD 310.010)? If not, clarify?



*Correct, the bike pad is to be an extension of the concrete sidewalk.*

8. Regarding the refuse enclosure area and the concrete pad immediately in front of the refuse enclosure (see below for reference).
  - i. Regarding the concrete pad in front of the refuse enclosure (coloured green), confirm if 200mm thick concrete (32 Mpa) reinforced with 150x150 welded wire mesh and gravel base to follow asphalt profile, is an acceptable spec. for the pad?
  - ii. Please confirm if we have required to include for the refuse enclosure pad as well (or is this by others)? And, if yes, confirm the concrete specs.? Including depth and strength of concrete/reinforcing requirement and if there are any thickened edges, we have to include in our pricing?



200mm thick (32Mpa) with 150x150 mesh is suitable. Refuse pad would also be provided by contractor. It can be the same concrete makeup as mentioned for the pad.

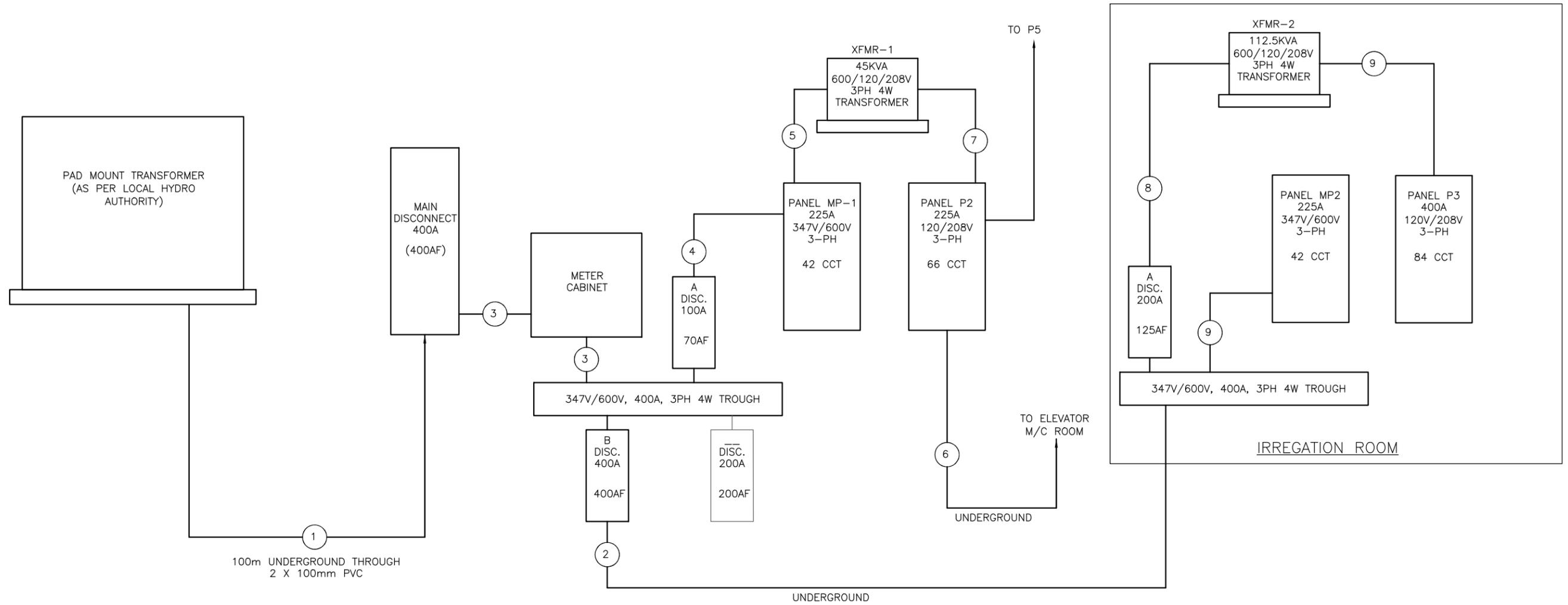
- 9 . Please confirm if they have to include for their own Layout?  
Yes, contractor is to provide their own layout.

#### Electrical Clarifications:

10. RTU information is all shown on drawing M1, equipment list. No building control system is to be included at this time.
11. The electrical site plan is not available at this time. Further information to follow.
12. Circled notes/wire sizes; please see attached revised single line drawing.
13. 3-wire trough corrected to 4-wire, as per attached.
14. Transformer and feeds adjusted from 75kVA to 112.5 kVA as per attached.

15. In addition to above two items and electrical layout, the new schematic attached has removed the 90A 3-pole breaker from panel MP1 as well as second underground feed to irrigation room. New layout has a single underground feed to irrigation room, new 400A 4-wire trough, and new 200A disconnect with 125A fuse for transformer XFMR-2.
16. All receptacles in grow rooms should be GFI and emergency light heads to be Wet Location rated.
17. Exit signs did not print properly on the drawing. Please account for 10 units. All units are combo units.
18. EM2 are only the remote heads. EM1 units are battery units. There are two EM1 battery units shown at 36W, please add a third unit to be located in corridor 123. Three 36W battery units will cover 36 heads at 3W each. There are to be 33 remote heads (not including combo exit signs; as per above there are 10 signs w/ 20 heads attached).
19. Please account for a single wall switch in all rooms. Grow room lighting control to be determined and will be a type of timer control wired 3-way with wall switches.
20. Roof structure has changed and all steel building structures will be pre-engineered style with low slope shape as per AX2 detail C.
21. Low slope building structure for both upper and lower roof systems. See steel building drawings for additional information.

~ End of Document ~



### DETAIL 1 – SINGLE LINE DIAGRAM

SEE DRAWING E1.2 FOR PANEL DIRECTORIES

#### LOAD SUMMARY

|                      |            |
|----------------------|------------|
| CONNECTED LOAD       |            |
| HVAC (100%):         | 121.6 KW   |
| LIGHTING (100%):     | 54.4 KW    |
| OTHER (80%)          | 15.6 KW    |
| TOTAL:               | 191.6 KW   |
| TOTAL AREA:          | 1,116 sq-m |
| WATTS PER sq-m       | 25         |
| REQUIRED LOAD:       | 26.1 KW    |
| TOTAL BUILDING LOAD: | 217.7 KW   |
| FUTURE LOAD:         | 92.0 KW    |
| TOTAL BUILDING LOAD: | 309.7 KW   |

#### FEEDER SCHEDULE

- ① 2 RUNS OF 4#250MCM-THWN ALUMINUM IN 100mm PVC
- ② 2 RUNS OF 4#250MCM-THHN ALUMINUM IN 63mm PVC
- ③ 2 RUNS OF 4#250MCM-THHN ALUMINUM IN 63mm EMT
- ④ 4#6 RW90 in 1-1/2" EMT
- ⑤ 4#8 RW90 in 1-1/2" EMT
- ⑥ 2#12 RW90 & 4#10 + GROUND IN 1" PVC
- ⑦ 4#1/0 RW90 IN 2" EMT
- ⑧ 4#2 RW90 IN 2" EMT
- ⑨ 2 RUNS OF 4#2/0 RW90 IN 2" EMT