NOTES:

1. Photocell height shall be 10' unless specified otherwise in an as per plan Power Service, Ground-Mounted note.

2. Completed enclosure per HL-40.10 shall be suitable for use as service entrance equipment per NEC Art. 230 and labeled as such.

3. As-erected pads shall be guarded against accidental contact using guards supplied or approved by the electrical device manufacturer.

4. Group no more than six service disconnects per NEC Art. 230.

5. Install a switched, lockable meter disconnect per NEC Art. 230.92 on the Line Side of meter. When such installation is prohibited by the power service provider, install the disconnect on the Load Side of the meter, instead of the Control Center enclosure(s).

6. Install a padlock bar that allows both power company and maintaining-agency padlocks to be applied, such that either entity may operate the switch. Padlock shall conform to ANSI 2.0.6 and have a shackle diameter of 5/16 inch. If power company does not provide a padlock, install a stainless steel through bolt and nylon locknut, instead. Commercial equivalent, such as "GateKeeper", or approved equal, may be installed in lieu of padlock bar shown.

7. The minimum height of any enclosure shall be 2 feet, or higher if required by the power service provider.

8. Apply ODOT seal (available from the ODOT District) to all ODOT-maintained installations. Apply equipment label complying with NFPA 70E Part 130.5.

9. All conduit used in Power Service construction shall be Rigid Metallic Conduit (RMC). Transition to other conduit materials (if called for in the Plans) at no less than 2 feet below finished grade.

10. Install one of the following Surge Protective Devices, or an approved equal, per NEC Art. 285 (Type 1):

   1.) APT SPDee
   2.) Eaton DHPF-I or SP1
   3.) Bussman STPHO
   4.) Noco XE or SE

   Install in a manner that maintains NEMA 4X rating of enclosure. Indicative LEDs must be visible from front side of power service.

11. Install Vent Grate at lowest available location of all enclosures and horizontal conduit runs on the customer side of the service. Install Hoffman HO2MKT, Eaton, OPE305585, or approved equal.

12. Each switchgear enclosure shall be stainless steel per CAMS 725.15.F, except CT Enclosure, which may be aluminum, 14 ga. (.064 in.) min.
NOTES:

1. Photocell height shall be 10 ft unless specified otherwise in an as-per-plan Power Service, Ground-Mounted note.

2. Completed enclosure per HL-40.10 shall be suitable for use as service entrance equipment per NEC Art. 230 and labeled as such.

3. All energized parts shall be guarded against accidental contact using guards supplied or approved by the electrical device manufacturer.

4. Group no more than six service disconnects, per NEC Art. 320.

5. Install a switchable, lockable meter disconnect per NEC Art. 320.32. When such installation is prohibited by the power service provider, install the disconnect on the load side of the meter, ahead of the control center enclosure(s).

6. Install a padlock bar that allows both power company and maintaining-agency padlocks to be applied, such that either entity may operate the switch. Padlock shall conform to ANSI Z208.8 and have a shackle diameter of 3/16 inch. If power company does not provide a padlock, install a stainless steel through bolt and nylon locknut instead.

7. The minimum height of any enclosure shall be 2 feet, or higher if required by this power service provider.

8. Apply ODOT diesel (available from the ODOT District) or aluminum, 14 ga. (.064) min. C&MS 725.19 F, except CT Enclosure, which may be stainless steel per ODOT DPE303083, or approved equal.

9. All conduit used in Power Service construction shall be Rigid Metallic Conduit (RMC). Transition to other conduit materials (if called for in the Plans) at no less than 2 feet below finished grade.

10. Enclosure and conduit configuration shown is schematic only. Contact power service provider for construction requirements.

11. Install Vent Drain in lowest available location of all enclosures and horizontal conduit runs on the customer side of the service. Install Hoffman H20MIT, Eaton DPE303083, or approved equal.

12. Each enclosure shall be stainless steel per C&MS 725.19 F, except CT Enclosure, which may be aluminum, 14 ga. (.064) min.
NOTES:
1. Commercial pedestals may be installed in lieu of the standard ODOT enclosure shown, with permission of the Engineer. Commercial pedestals must meet the material and wall thickness requirements of standard ODOT E755.19 ODOT enclosure and shall conform to the dimension shown.

2. Meter base and photosensitive not shown. Install meter base and photosensitive at location shown in the Plans, per Power Company requirements. The meter base and CT cabinet (if required) are included in this item, installed similarly to pages 1 and 2 of this drawing.

3. Completely seal with a flexible clear, weatherproof silicone caulking compound.

4. Enclosure rating shall be 60, 100 or 200 Amps as called for in the Plans.

5. Commercial pedestals may be installed in place of the standard ODOT enclosure shown, with permission of the Engineer. Commercial pedestals shall meet the material and wall thickness requirements of standard ODOT enclosure and shall conform to the dimension shown.

6. Where 2" or 3" diameter conduit terminates in a foundation, the conduit elbows in the foundation shall be the same as the conduit. The ends of the conduit elbows containing distribution cable shall be closed as described in C&MS 625.12. When the terminating conduit is steel, the conduit elbows in the pole foundations shall also be steel. At the last light pole on a circuit, the vacant conduit elbows in the light pole foundation shall be stubbed out and capped.

7. Installs Vent-Filters as shown, one within 2 inches of the top and one within 2 inches of the bottom, on opposite sides. Install McMaster-Carr model 1226T12 or approved equal.

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垫基安装

1. 垫基安装时，应按照设计图纸所示位置安装，以满足工程师的要求。垫基必须符合标准 ODOT E755.19 ODOT 震荡器的材料和厚度要求，并应符合尺寸所示的规范。

2. 计量基座和光敏元件未予显示。安装计量基座和 CT 柜（如果需要）均在该项目中包含，按照第 1 和 2 页的此图安装。

3. 完全密封使用透明的硅胶密封胶。

4. 震荡器的额定值应为 60、100 或 200 安培，根据计划所示。

5. 商业插座可替代标准 ODOT 封闭式，但需得到工程师的许可。商业插座应符合材料和厚度要求的标准 ODOT 封闭式，并应符合尺寸所示的规范。

6. 当 2" 或 3" 直径的套管在基础上终止时，基础中套管的弯头应保持一致。带有分配电缆的套管末端应按 C&MS 625.12 规定封闭。当终止套管为钢时，基础中的弯头也应为钢。最后在电路中，基础中的空套管弯头应被阀断并用 capped。

7. 安装 Vent-Filters 作为所示，一个在顶部和一个在底部的 2" 内，朝相反方向。安装 McMaster-Carr 模型 1226T12 或批准的等效品。