WORK BY CONTRACTOR -
1. Install right of way conduit sleeves.
2. Warning ribbon 12" above service lateral.
3. Contractor-installed equipment stand per HL-40.20. Channel and attached to pole per conduit mounting bracket details.
5. Flexible service disconnect switch. Flow sizes & service rating per plan. Disconnect service switch enclosure shall be sized approximately to fit number and size of conduct connections required. Door seal shall be installed on each conduit connection.
6. EMU #4 disconnect enclosure with 2 pole, both on type circuit breakers. Enclosure to be service entrance rated. Provide two (2) padsheets for each enclosure. Padsheets furnished shall be brass, equal to Wilson Behrman 660, and shall be taped in accordance with the CMS 631.06 or ODOT Type A. The disconnect shall be capable of being positioned in both the OFF and OFF positions and shall also be capable of separately locking the door shunt. One padsheet shall be used to lock the disconnect switch in the appropriate position and one shall be used to lock the disconnect switch.
7. Concrete pad box, 18" will be installed within 5' of every electrical service. No electrical splices permitted.
8. 10" x 10" copper clad steel grounding rod electrode, app. top of ground rod installed 30" below grade and at least 1' off edge of pole or equipment foundation. See sketch "Site Grounding".
9. 2" rigid conduit riser. See conduit mounting bracket for mounting conduit.
10. Service entrance cable in conduit by Contractor. All service entrance cable shall be 4/0-MV90-2.4KV for 100A services and 1/0 for 200A services, or as required by utility.
11. Threaded hub type conduit coupling between enclosures sized to accommodate conductors. See plan for wire requirements.
12. 1" PVC conduit for ground.
13. 1-1/4" #4 AWG-2 grounding electrode conductor in conduit to disconnect switch neutral bus.
14. 1/0 AWG-2 grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial. From the disconnect switch neutral bus, the grounding electrode conductor must always be directed downward or horizontal.
15. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
16. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
17. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
18. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
19. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
20. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer.
21. Conduit installed a minimum of 30" below grade.
22. 2" RMC conduit with sweeps shall terminate into pull box.
23. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
24. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
25. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
26. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
27. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
28. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
29. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
30. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
31. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
32. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
33. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
34. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
35. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
36. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
37. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
38. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
39. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
40. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
41. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
42. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
43. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
44. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
45. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
46. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
47. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
48. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
49. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
50. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
51. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
52. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
53. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
54. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
55. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
56. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
57. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
58. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
59. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
60. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
61. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
62. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
63. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
64. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
65. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
66. Rigid 2" conduit with sweeps shall terminate into pull box. Conduit installed a minimum of 30" below grade.
67. Conduit and cable per plan by Contractor. No splices permitted in pull box unless approved by the Engineer.
68. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
69. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.
70. Contractor shall install conduit no closer than 2' from edge of utility transformer pad. Approach to transformer shall be coordinated with utility.
71. Grounding electrode conductor attached to grounding electrode at least 5' below grade with ground chain suitable for direct burial.
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74. 3" CDS 775-04 conduit installed a minimum of 30" below grade.
75. Conduit run to be continuous between equipment stand and utility pole/transformer or as indicated on plan sheets.