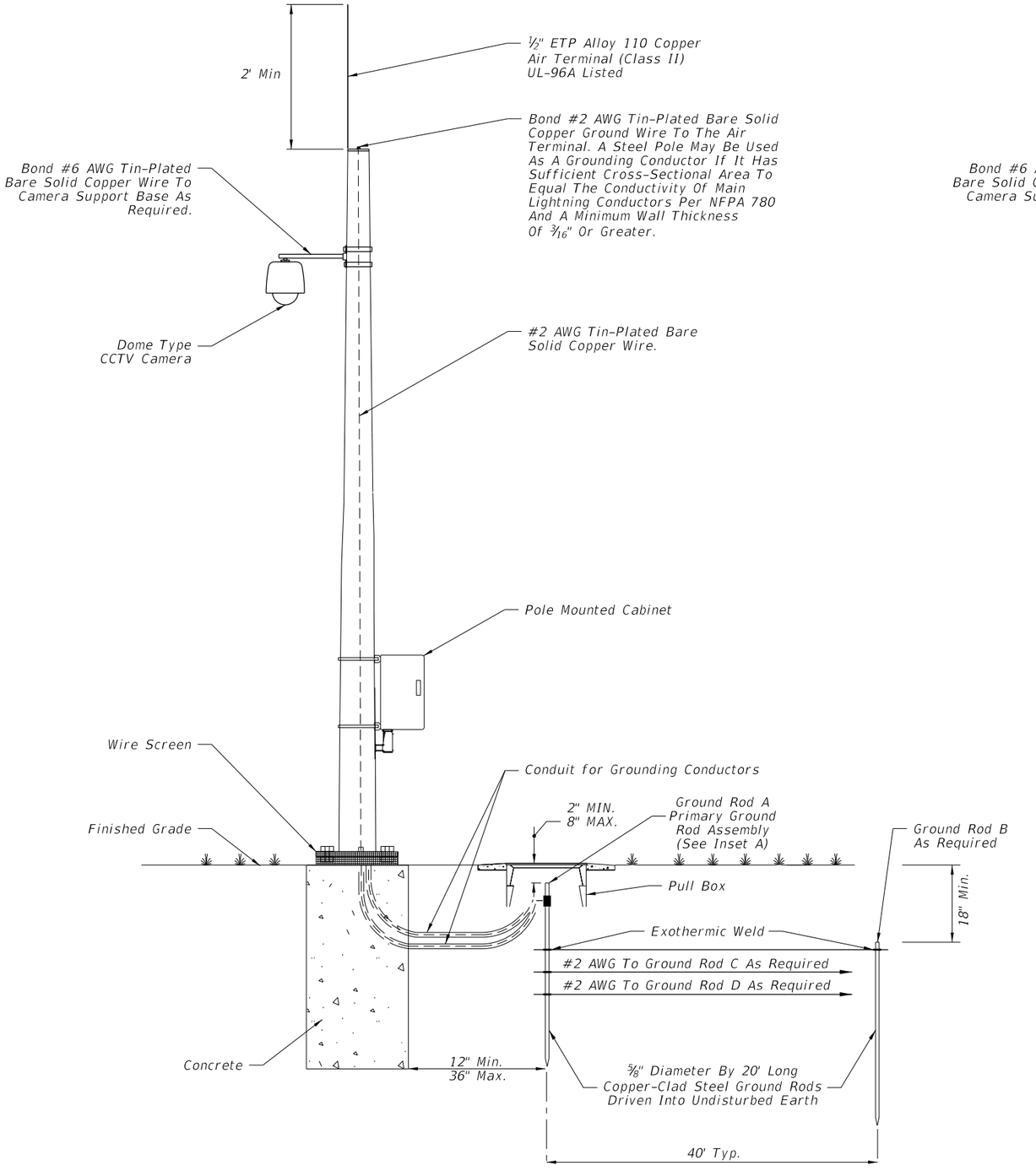
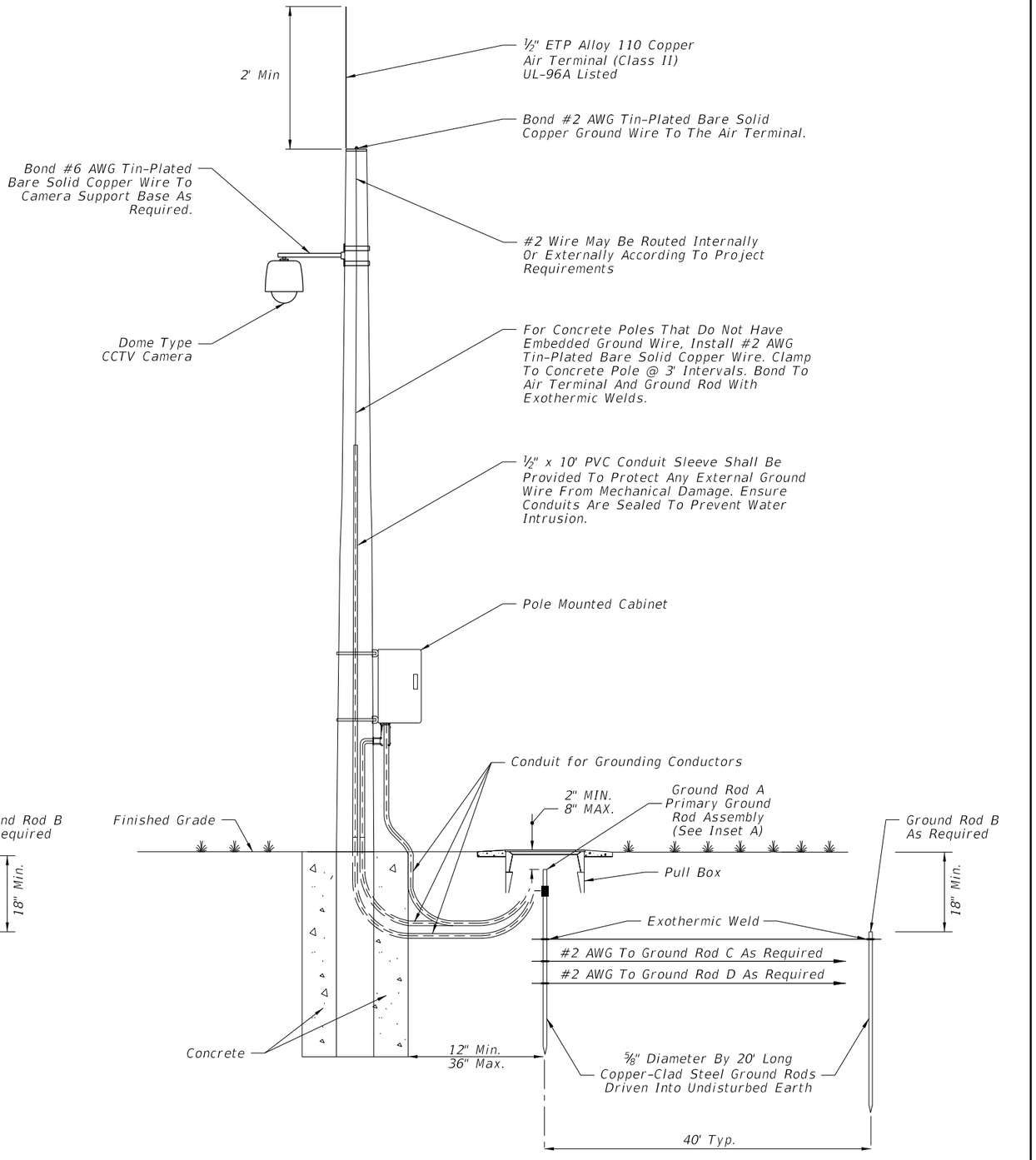


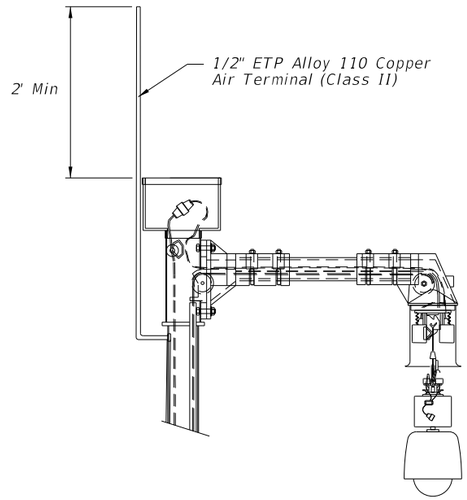

STEEL CCTV POLE



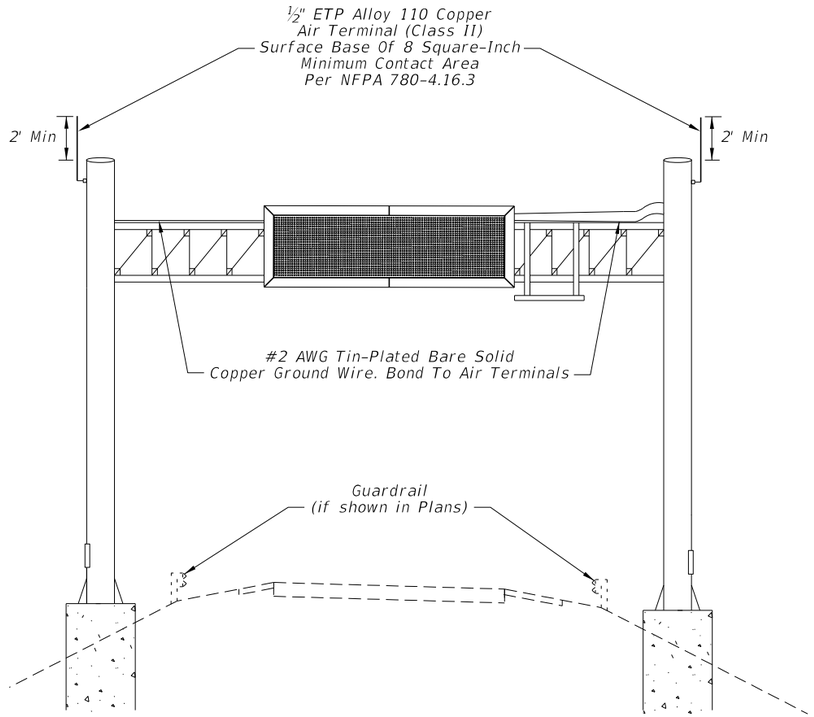

CONCRETE CCTV POLE

10/11/2016 8:31:25 AM

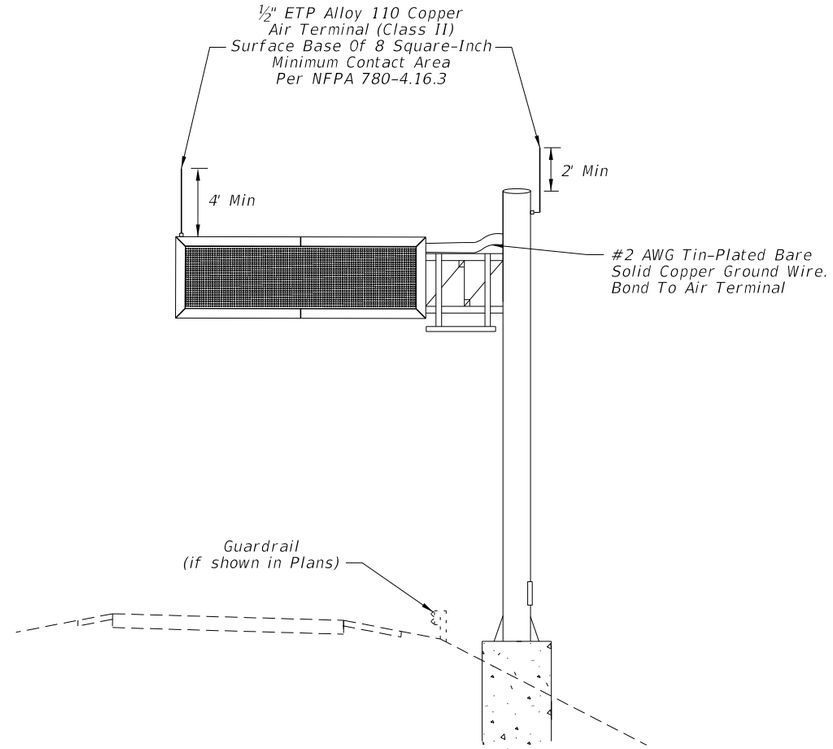
| LAST REVISION | REVISION | DESCRIPTION: | | | | |
|---|---|---|---|---|---|---|
| 07/01/14 | | | FDOT FY 2017-18 DESIGN STANDARDS | GROUNDING AND LIGHTNING PROTECTION | INDEX NO. 18102 | SHEET NO. 1 of 4 |




*AIR TERMINAL PLACEMENT*
*(Lowering Device Pole)*




*AIR TERMINAL PLACEMENT*
*(Span DMS)*

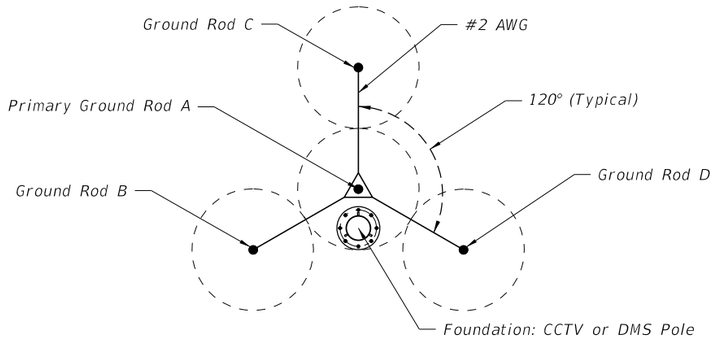



*AIR TERMINAL PLACEMENT*
*(Cantilever DMS)*

10/11/2016 8:31:27 AM

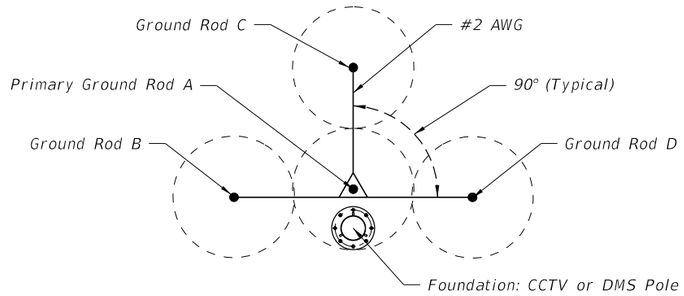
| LAST REVISION | REVISION | DESCRIPTION: | | | INDEX NO. | SHEET NO. |
|---|---|---|---|---|---|---|
| 07/01/15 | | | FDOT FY 2017-18 DESIGN STANDARDS | GROUNDING AND LIGHTNING PROTECTION | 18102 | 2 of 4 |

"Sphere Of Influence: 120 Degree"

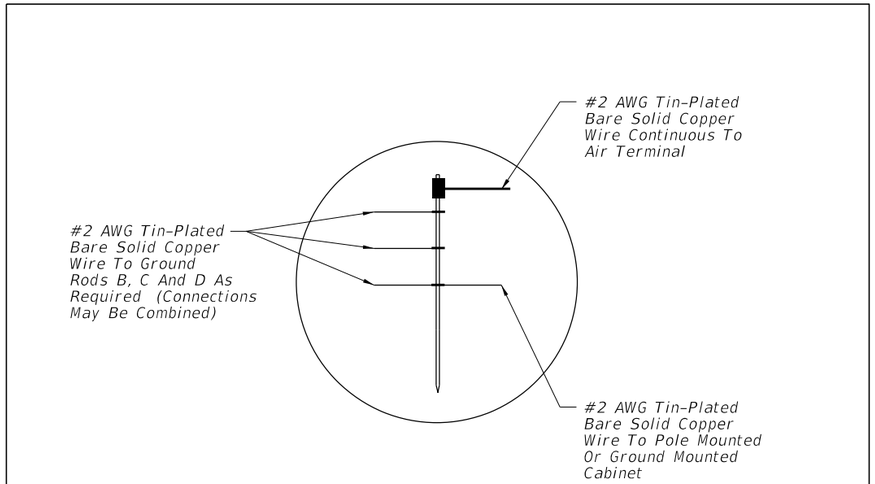



GROUND ROD ARRAY PLACEMENT
(Typical)
20' RODS, 40' SPACING

"Modified Sphere Of Influence: 90 Degree"



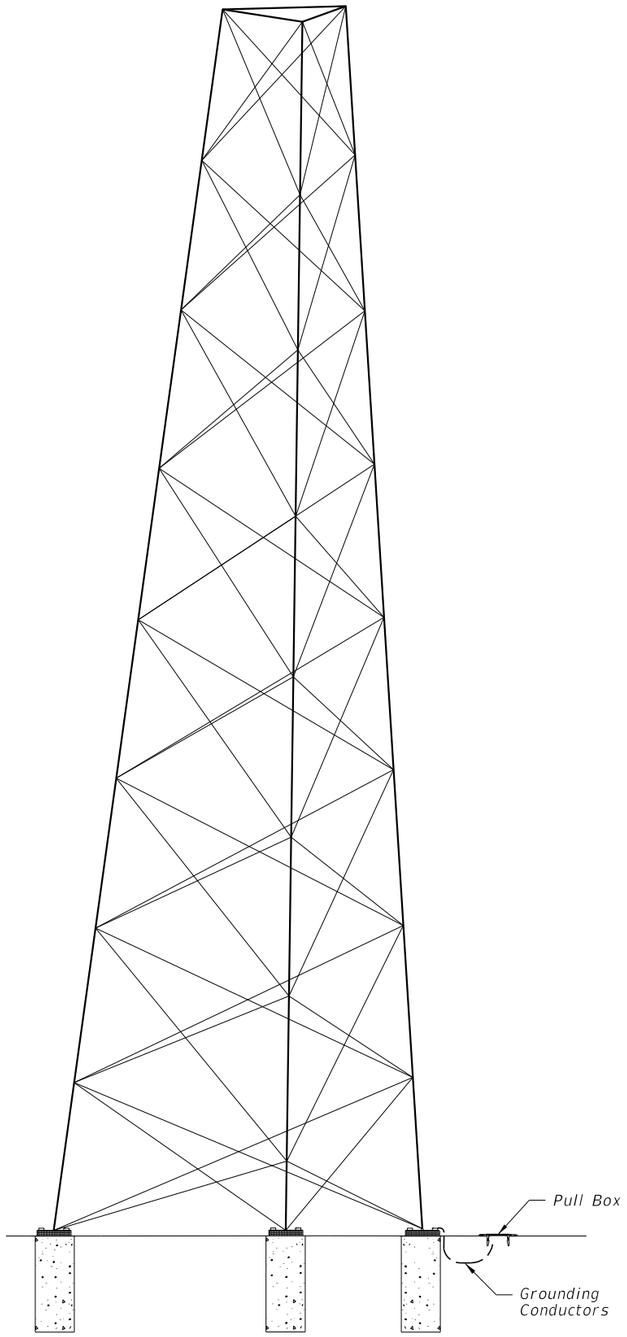

GROUND ROD ARRAY PLACEMENT
(Typical Modified)
20' RODS, 40' SPACING



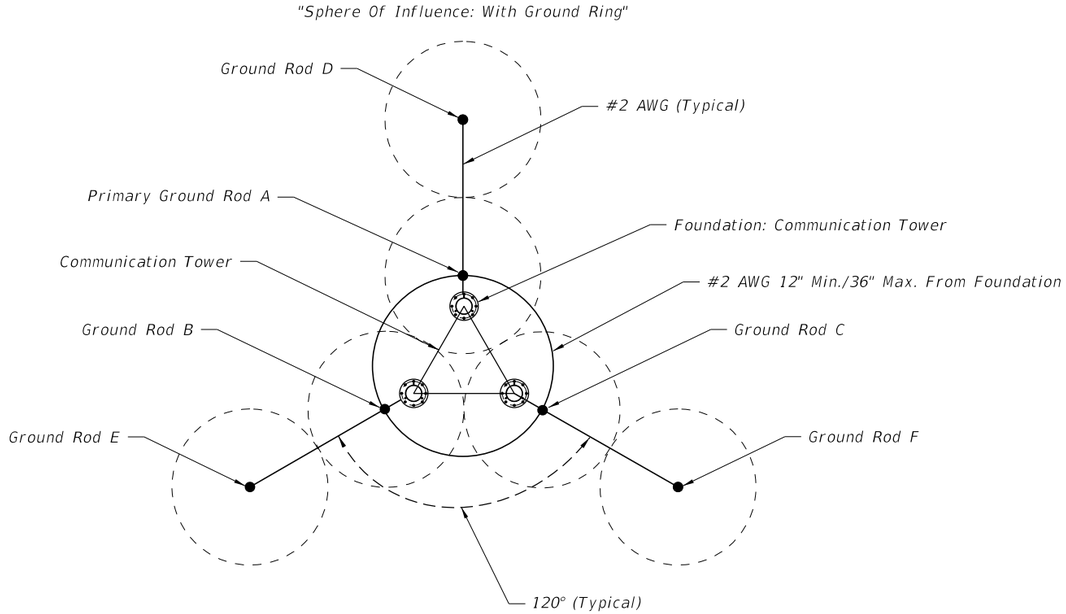

INSET "A"

10/11/2016 8:31:30 AM

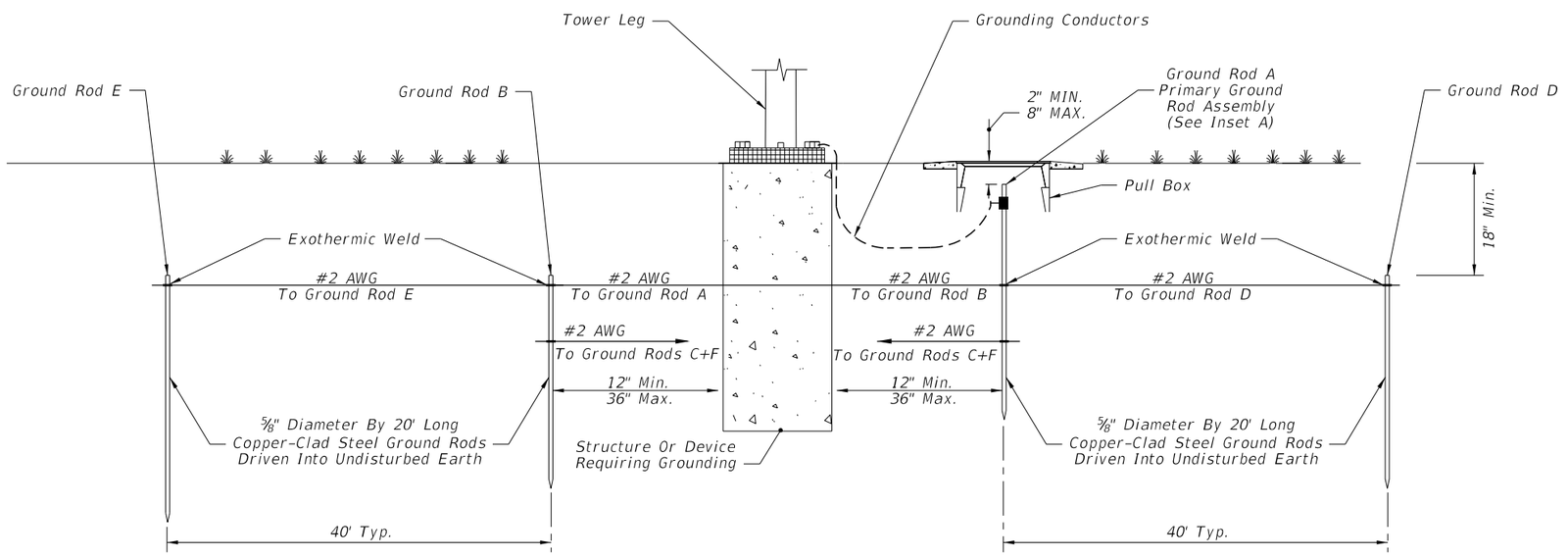
| LAST REVISION | REVISION | DESCRIPTION: | FDOT FY 2017-18 DESIGN STANDARDS | GROUNDING AND LIGHTNING PROTECTION | INDEX NO. | SHEET NO. |
|---|---|---|---|---|---|---|
| 07/01/14 | | | | | 18102 | 3 of 4 |




COMMUNICATION TOWER




GROUND ROD ARRAY PLACEMENT
(Communication Tower)
20' RODS, 40' SPACING




GROUND ROD ARRAY PROFILE
(Communication Tower)

10/11/2016 8:31:32 AM

| LAST REVISION | REVISION | DESCRIPTION: | | | INDEX NO. | SHEET NO. |
|---|---|---|---|---|---|---|
| 07/01/14 | | | FY 2017-18 DESIGN STANDARDS | GROUNDING AND LIGHTNING PROTECTION | 18102 | 4 of 4 |