Tumblerr Bollard Mounting Installation Manual

Step 1: To make a concrete foundation as shown in Fig 1 and Fig 2. Take the dimensions of the bolt and conduit pipe from Fig 1 and Fig 2.

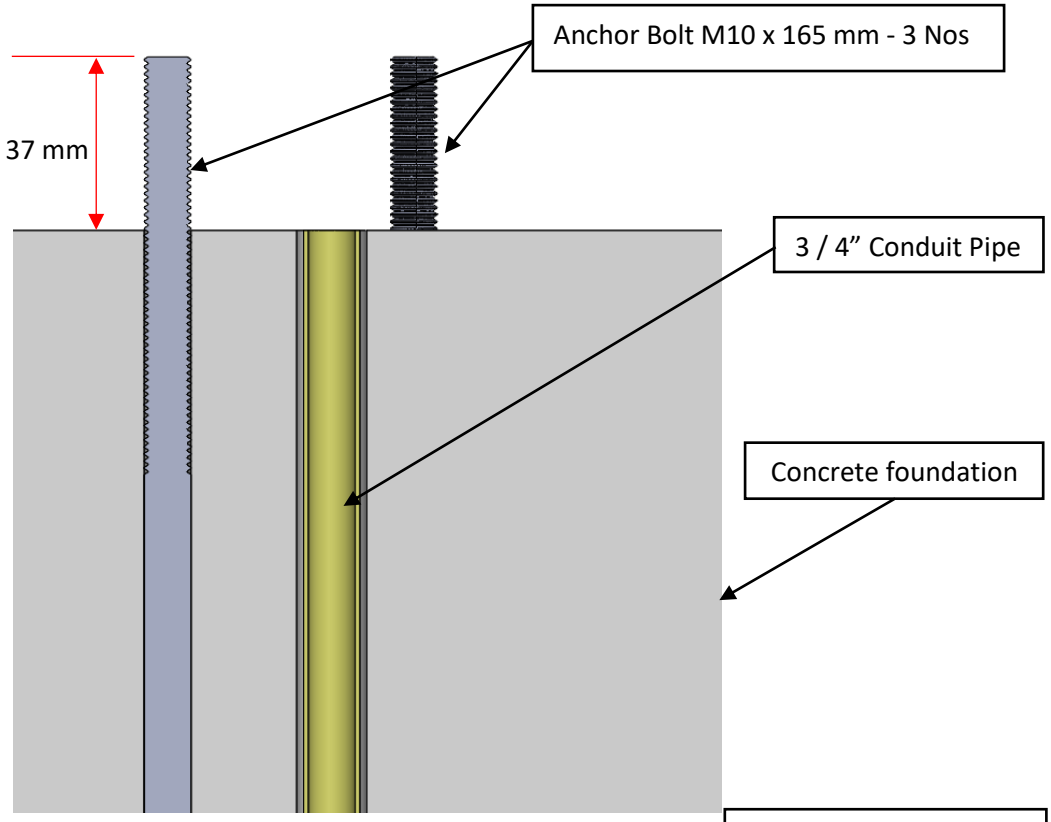


Fig.1 (Cross section view)

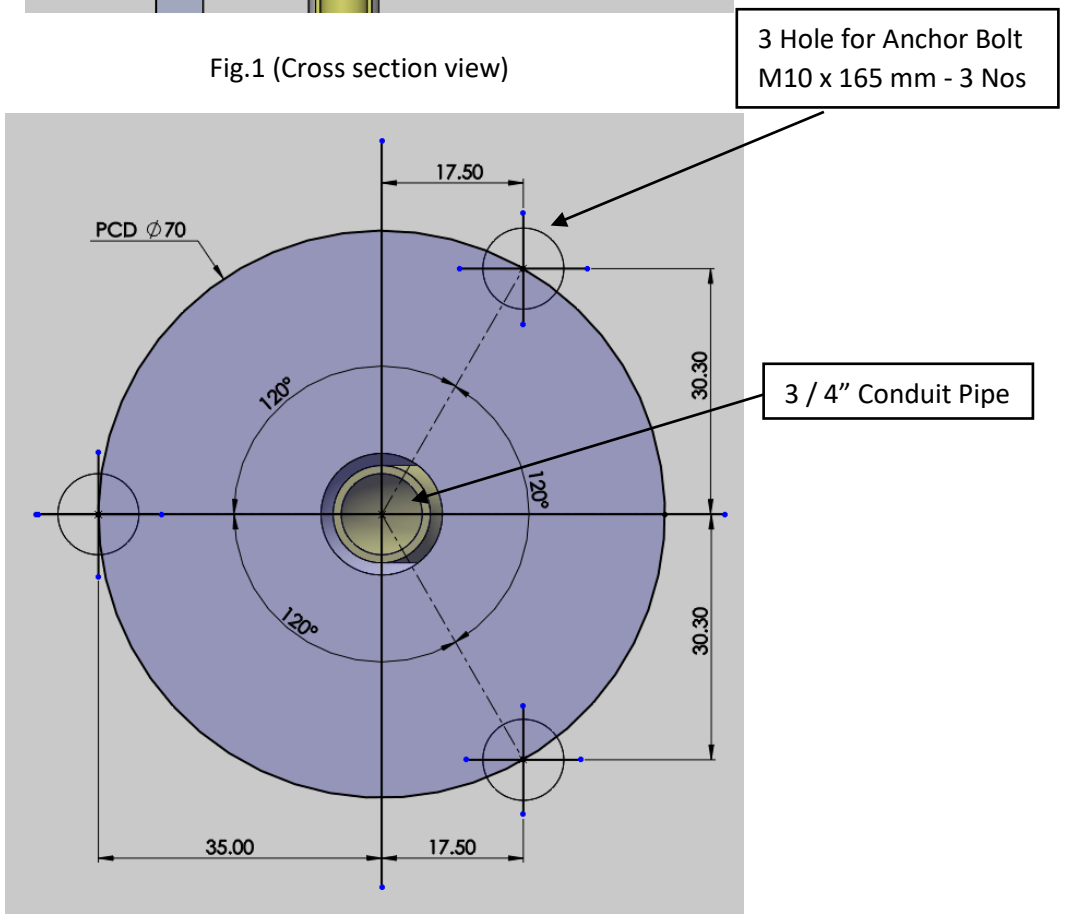
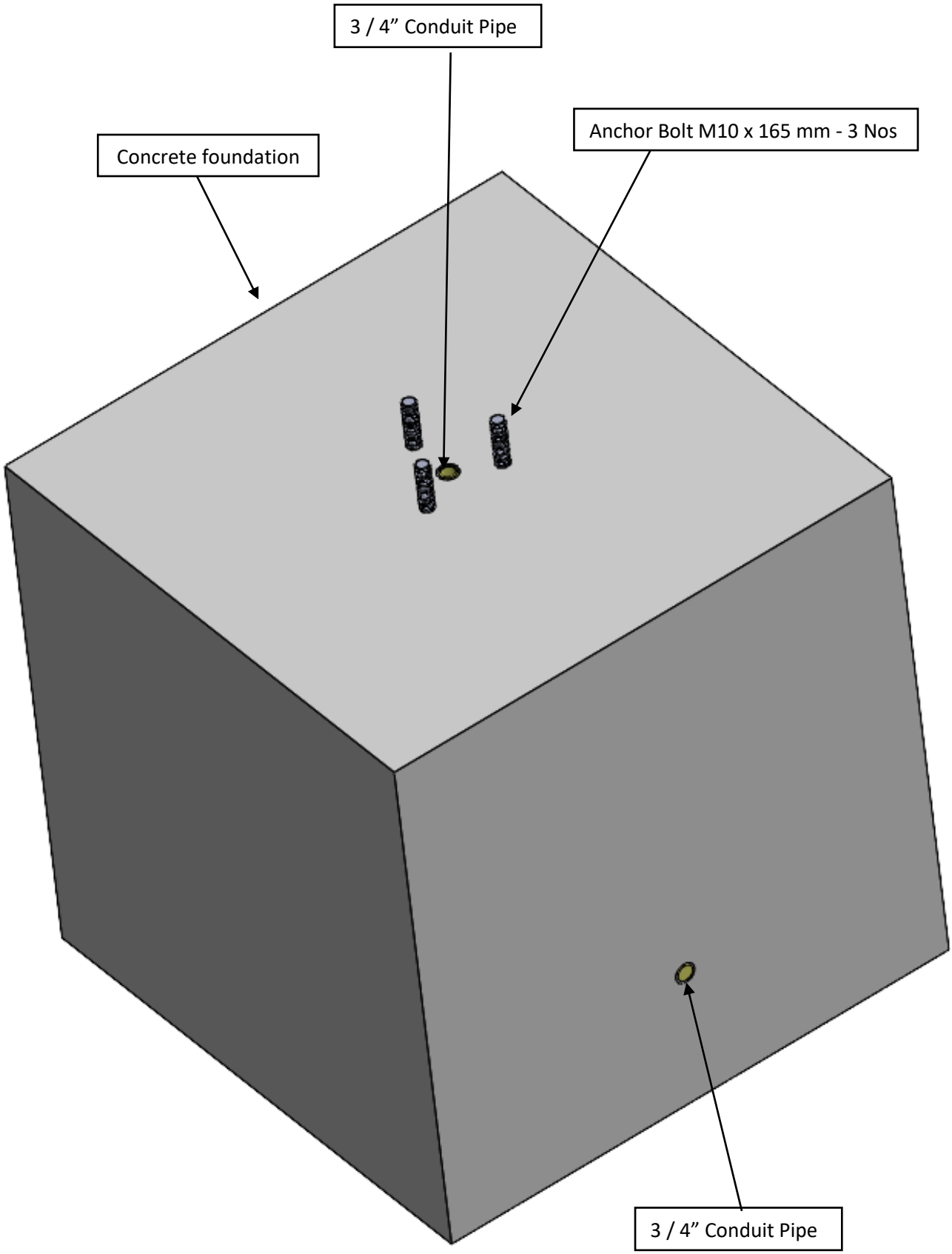
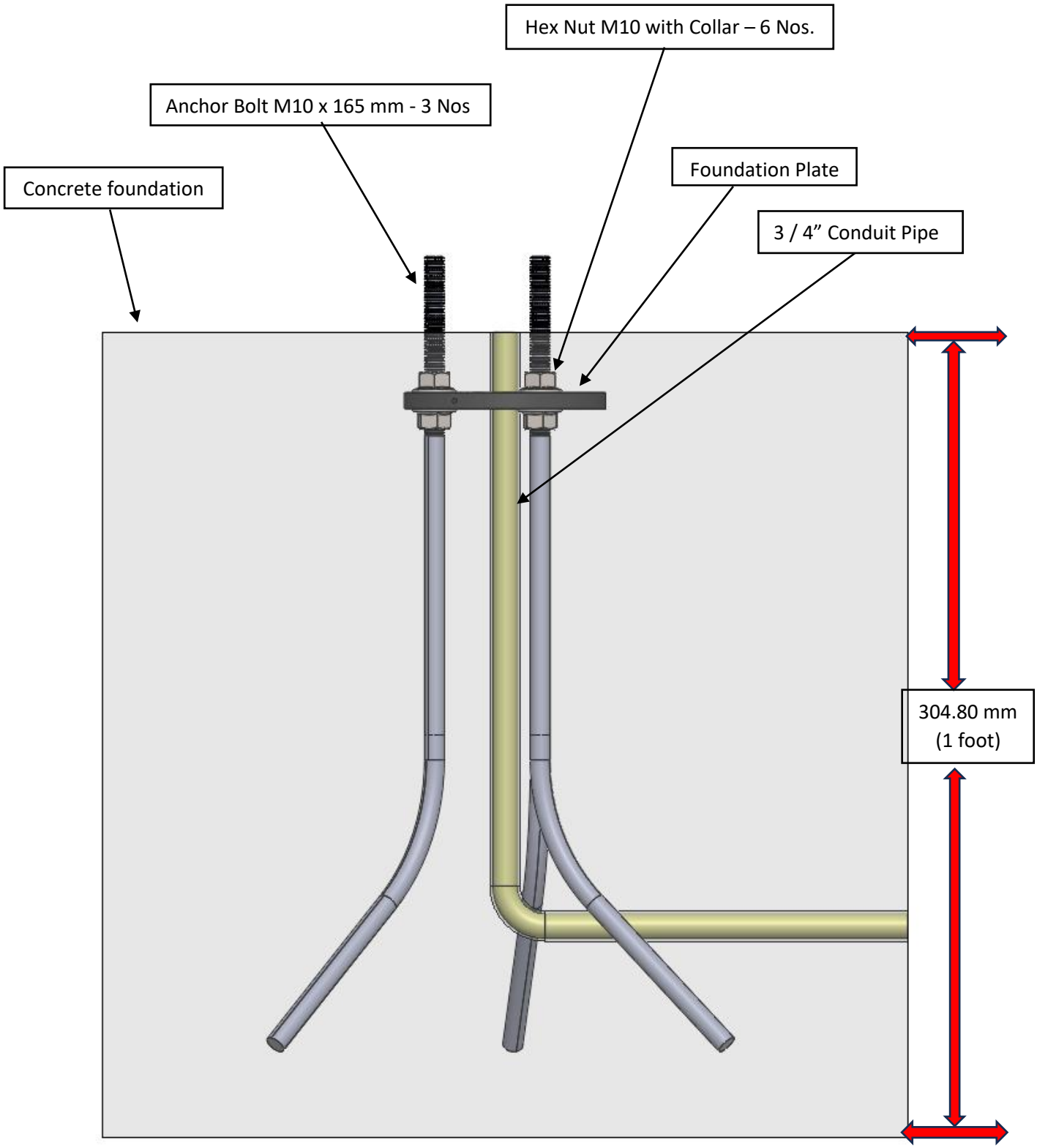
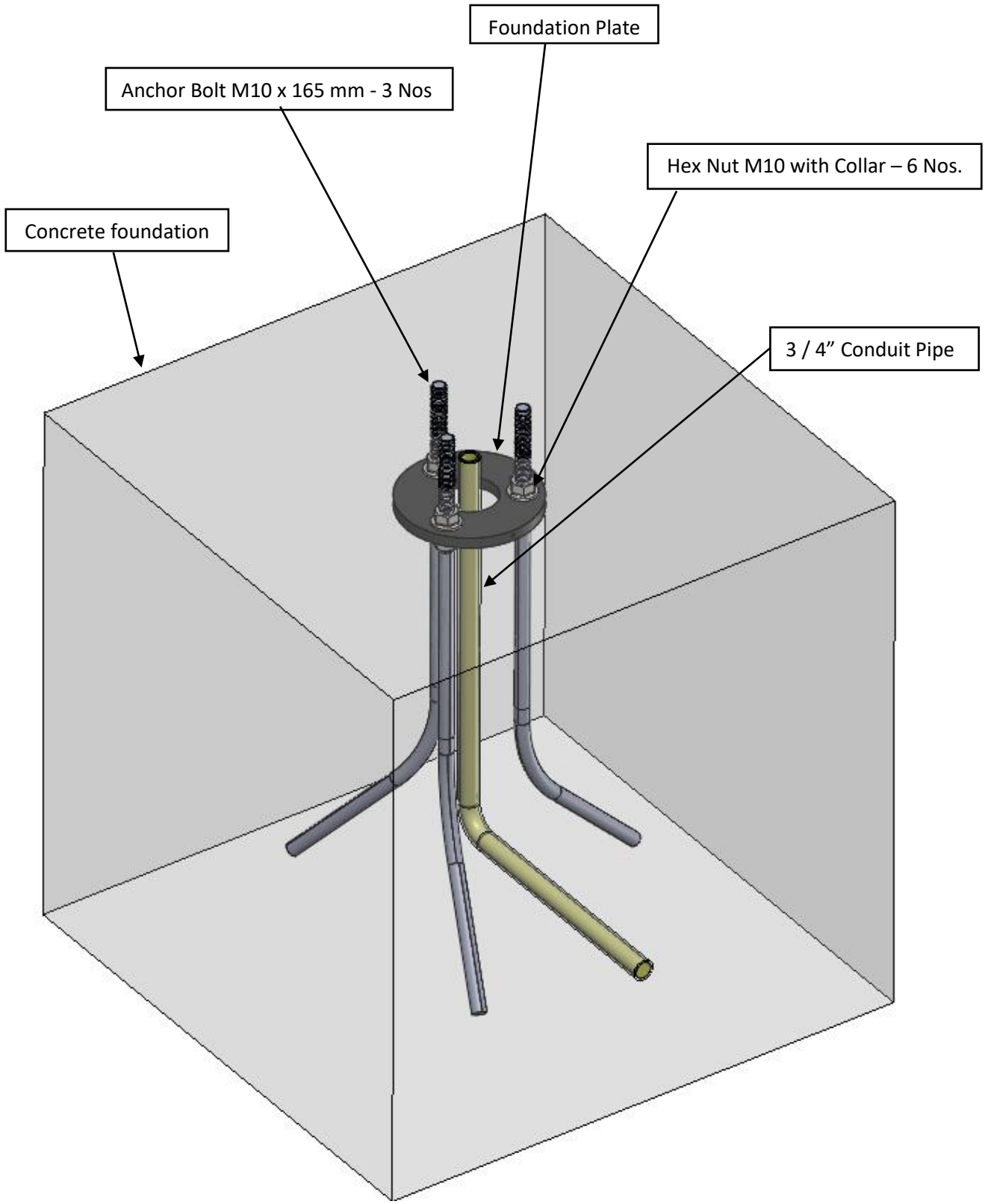


Fig.2 (Top View)

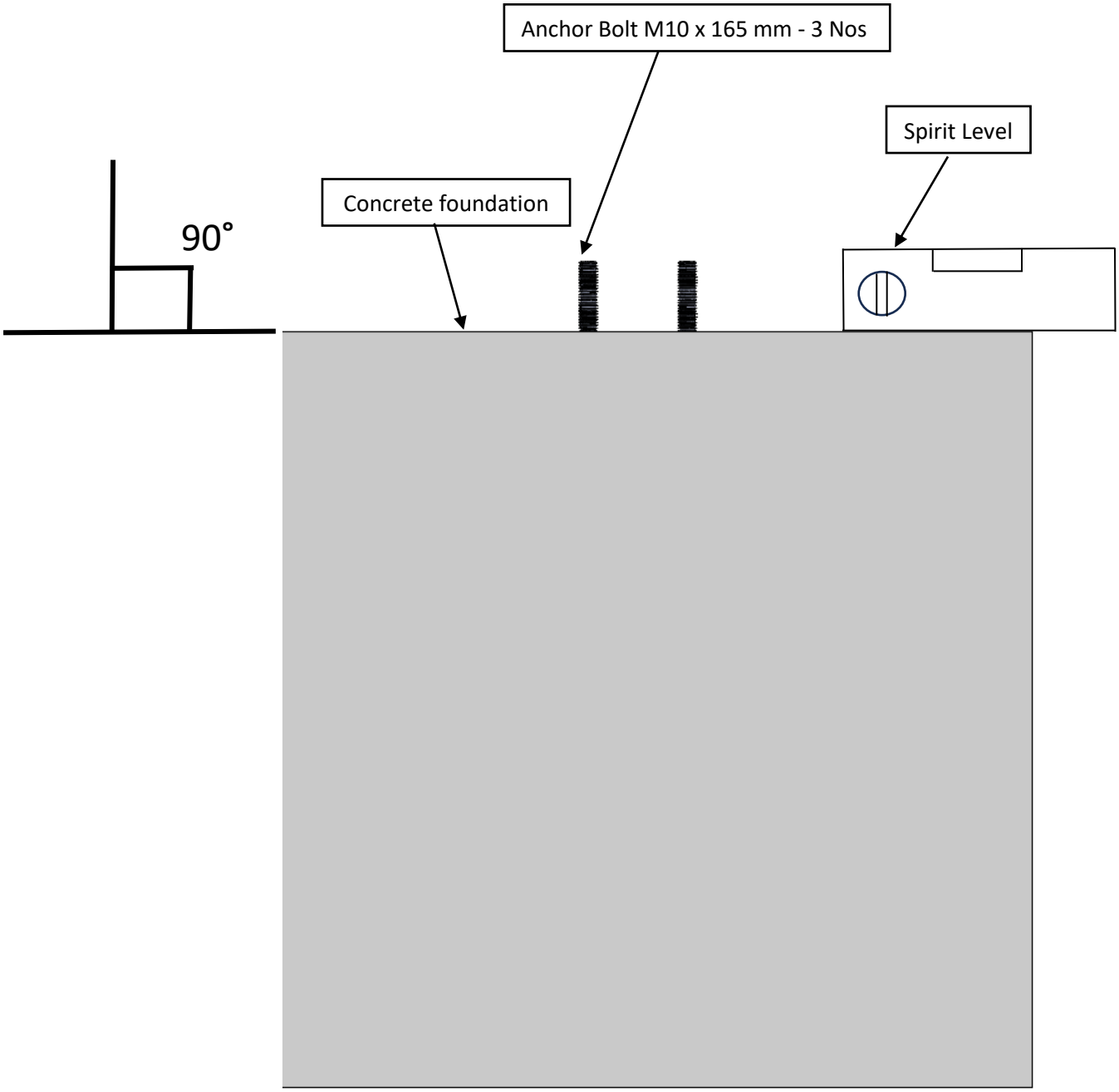

3 / 4” Conduit Pipe
Anchor Bolt M10 x 165 mm - 3 Nos
Concrete foundation
3 / 4” Conduit Pipe

Step 2: The foundation plate is also fit in concrete foundation for alignment of Anchor Bolt M10 x 165 mm by using Hex Nut M10 with Collar before final concrete foundation.

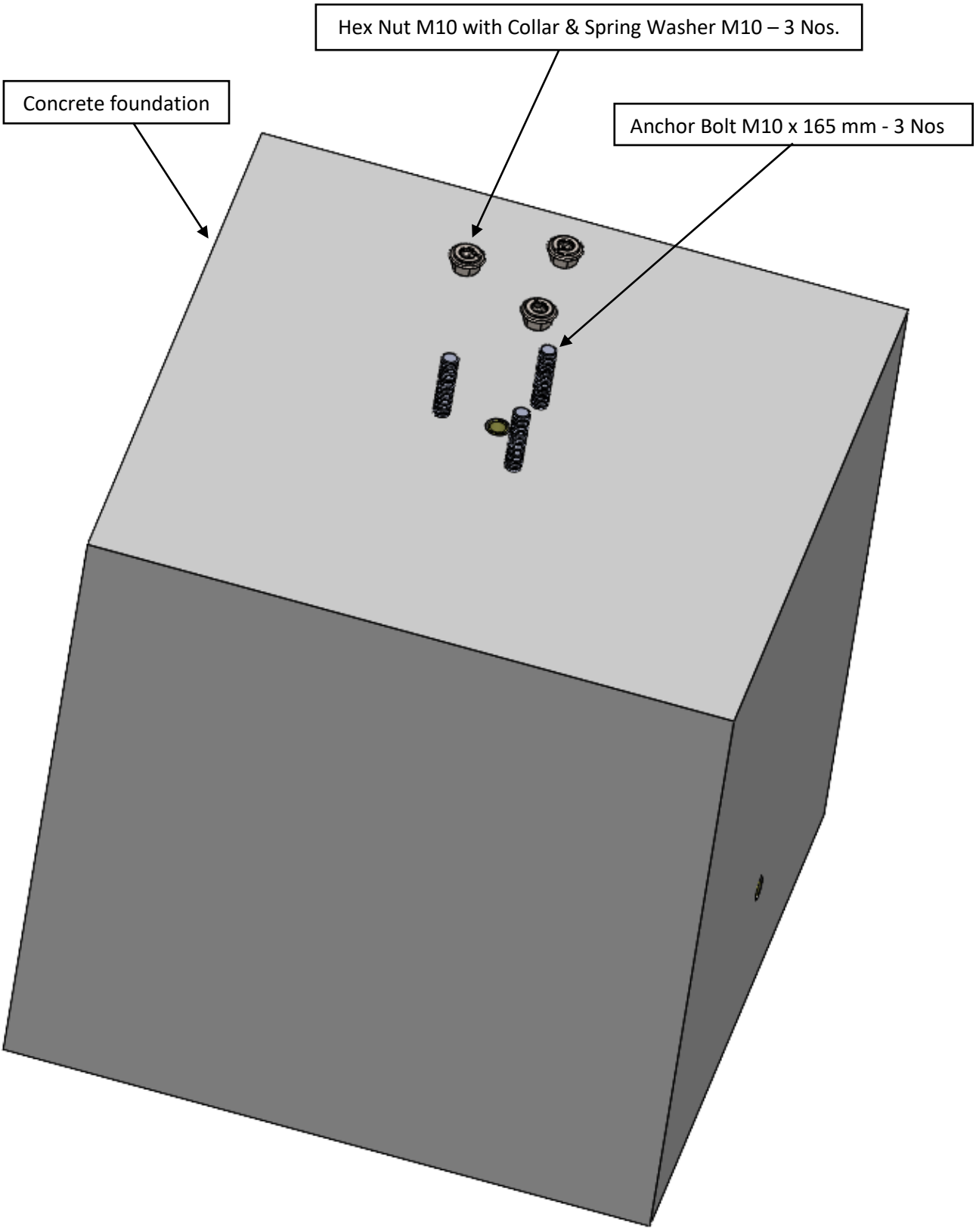


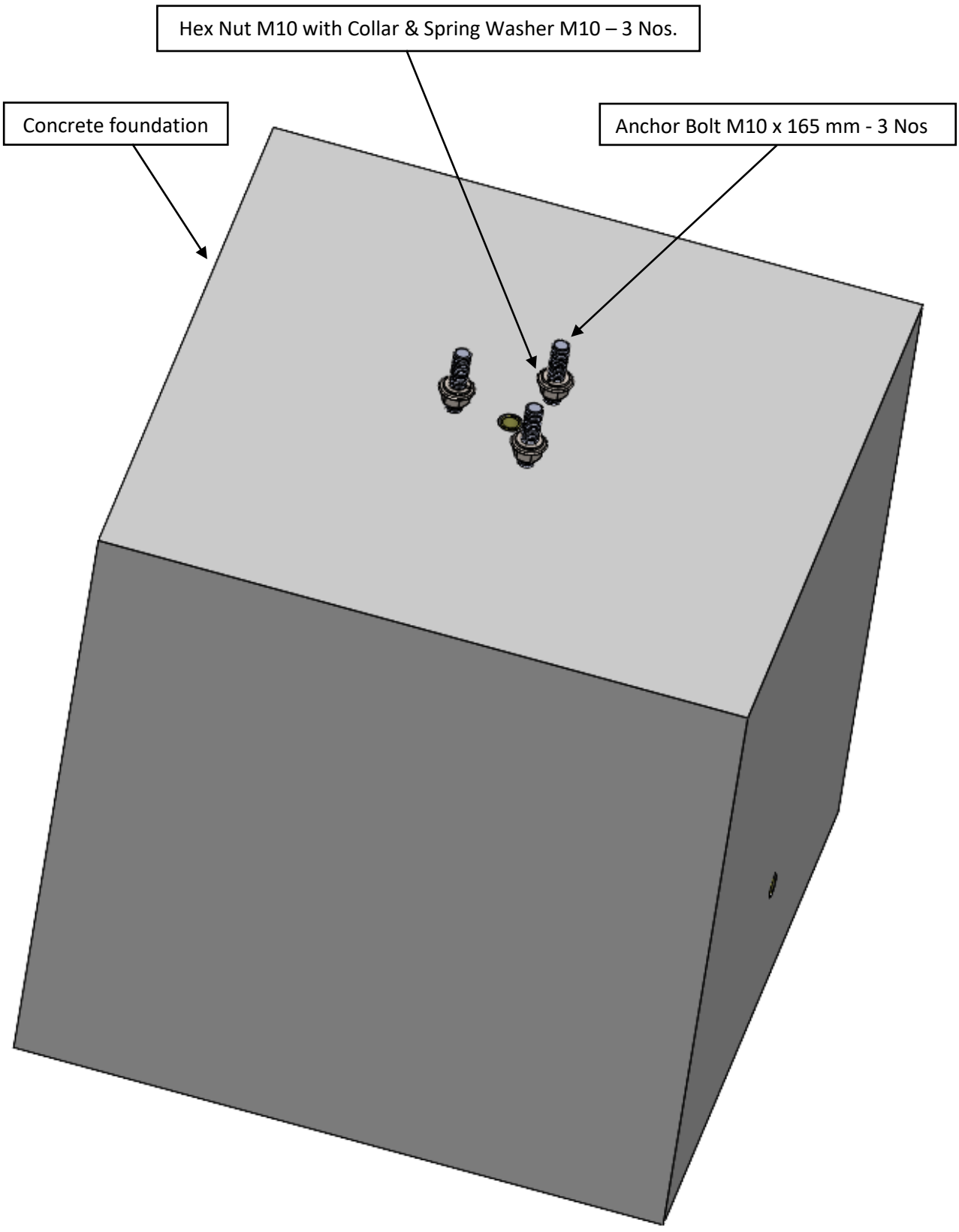

Foundation Plate
Anchor Bolt M10 x 165 mm - 3 Nos
Hex Nut M10 with Collar – 6 Nos.
Concrete foundation
3 / 4” Conduit Pipe

Step 3: To make sure that concrete foundation base should be in level 90˚ as shown in below figure. The spirit level is use for check level.

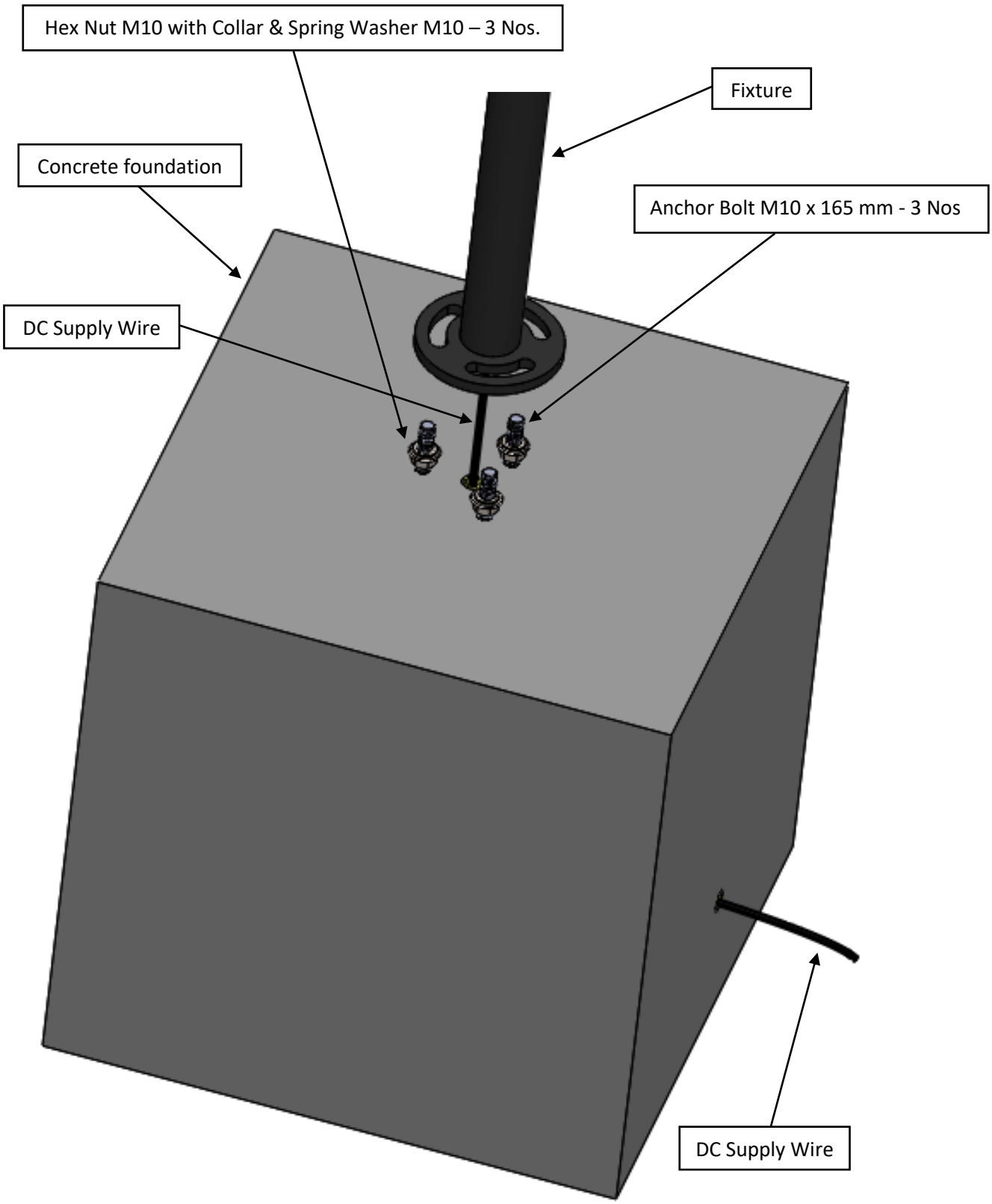


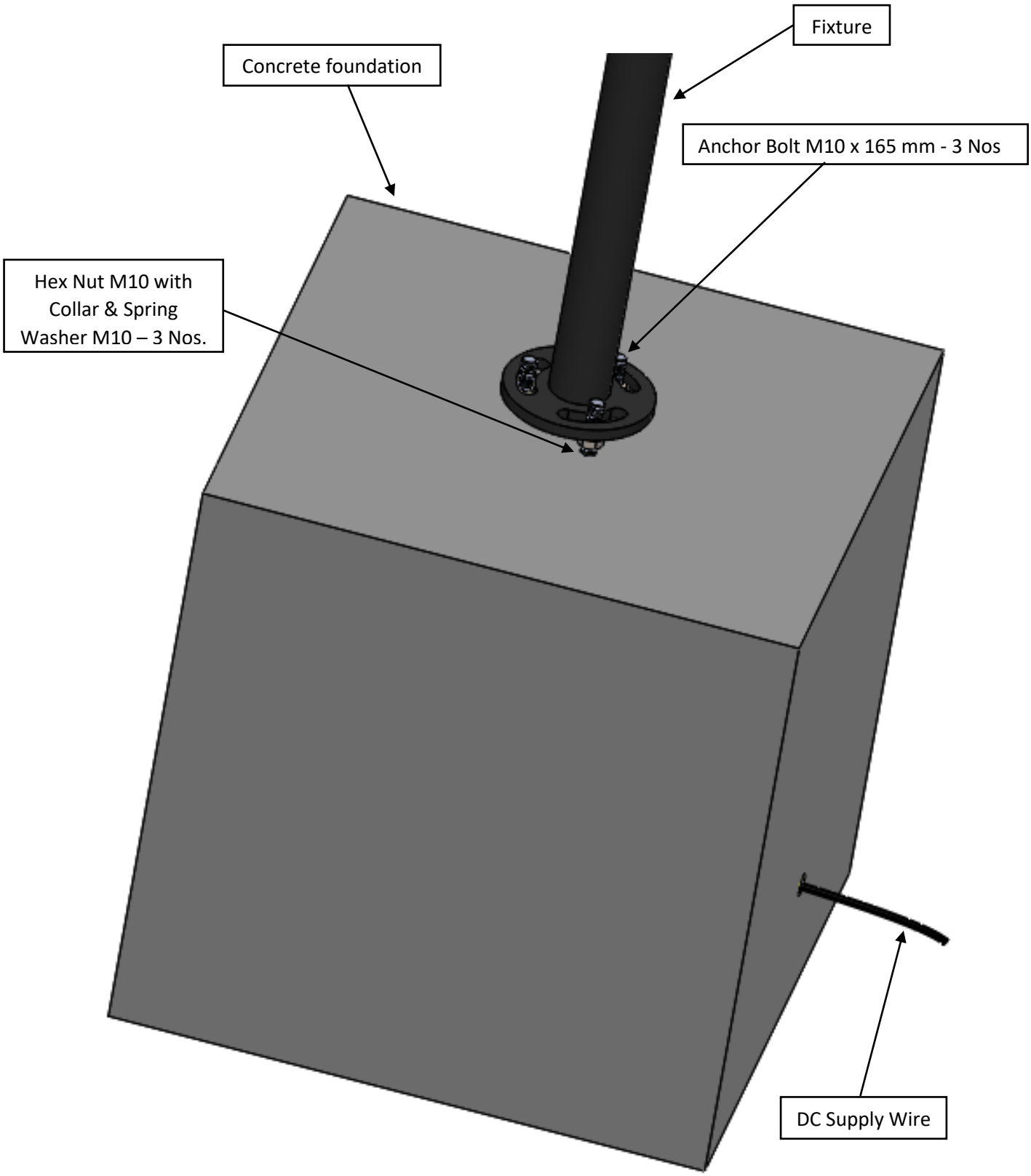
Step 4: Hex Nut M10 with Collar & Spring Washer M10 fit in anchor bolt M10 x 165 mm as shown in below figure.



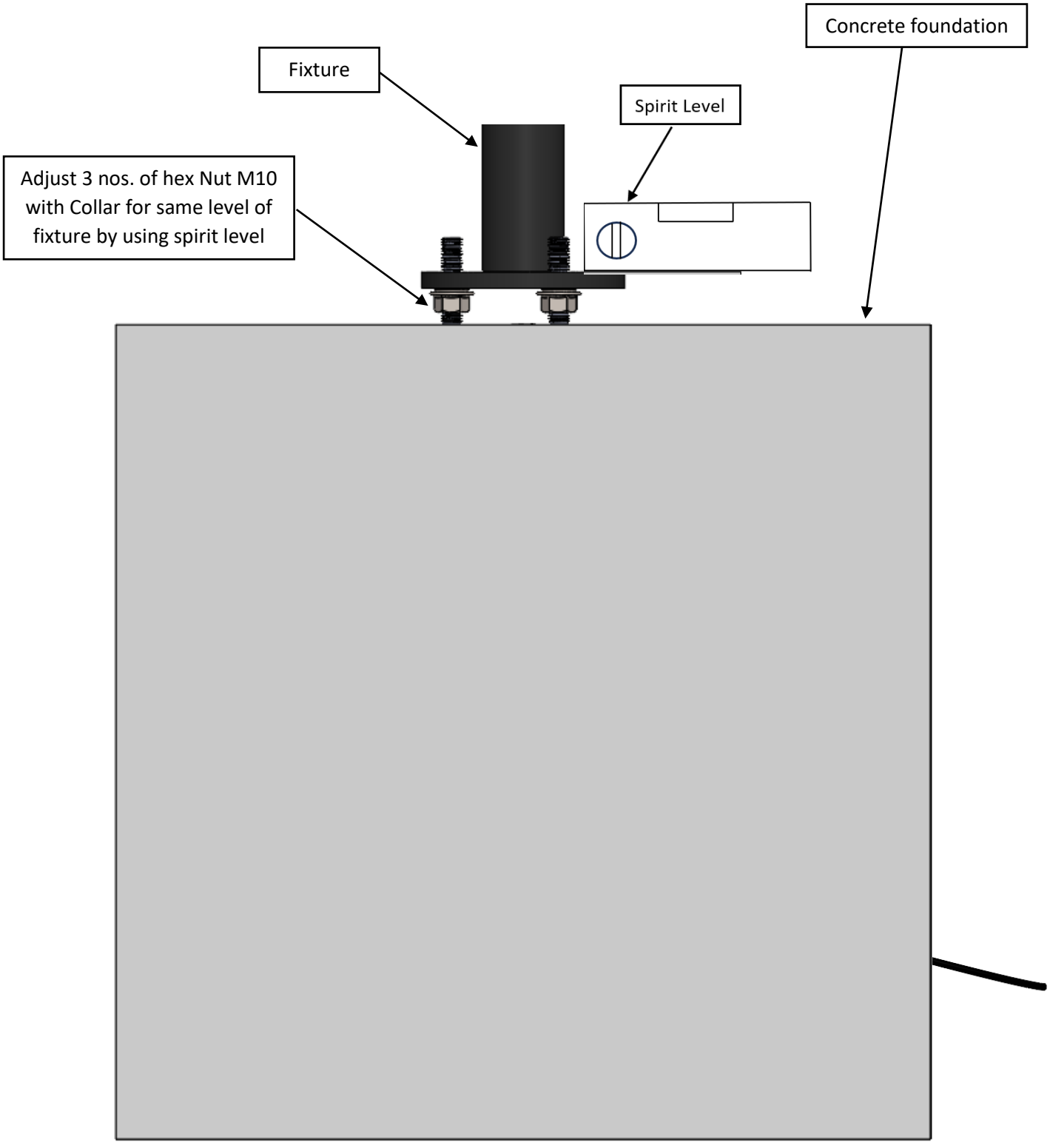

Hex Nut M10 with Collar & Spring Washer M10 – 3 Nos.
Concrete foundation
Anchor Bolt M10 x 165 mm - 3 Nos

Step 5: Take out the dc supply wire from fixture to conduit pipe, then fixture resting on Hex Nut M10 with Collar as shown in below figure.



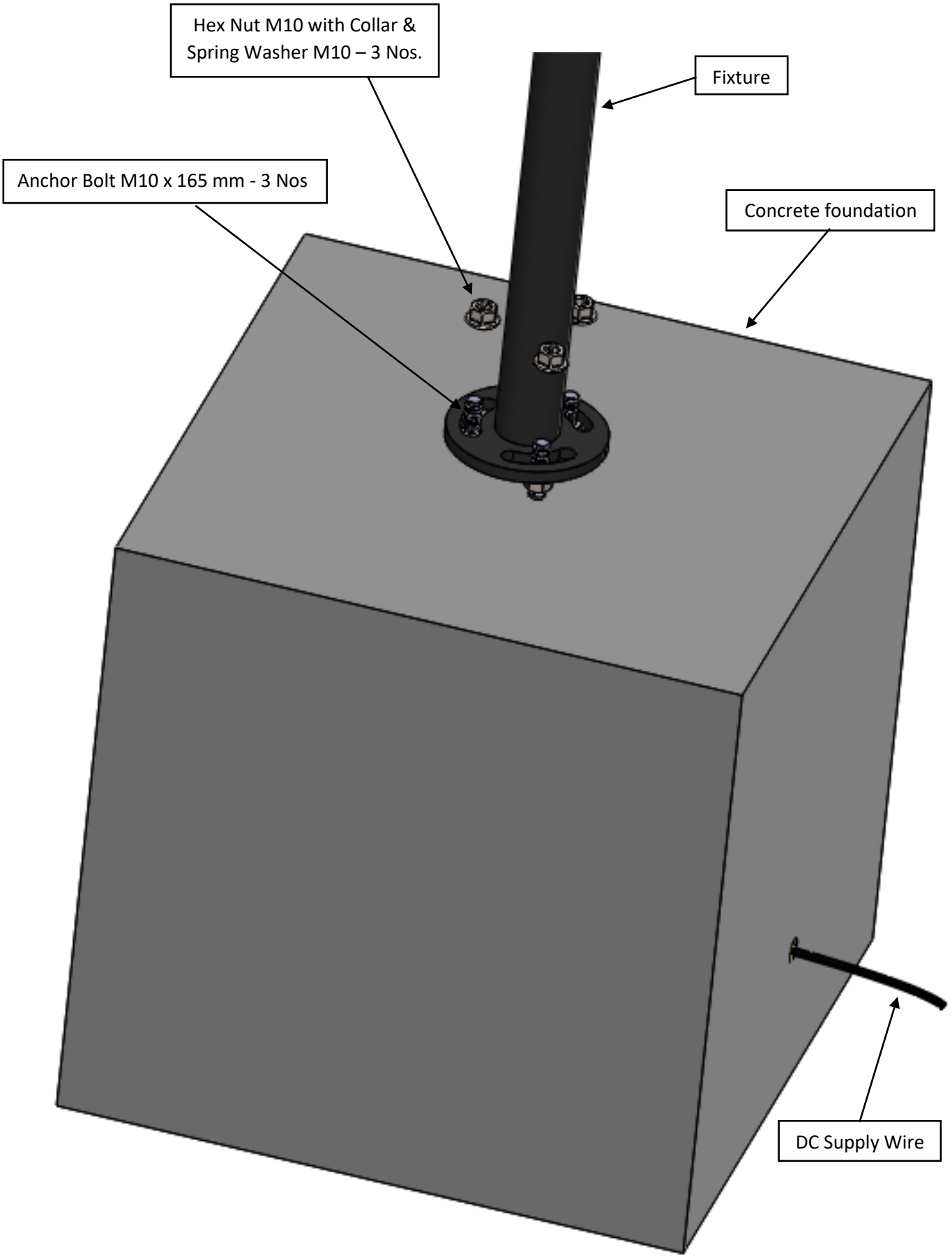

Fixture
Concrete foundation
Anchor Bolt M10 x 165 mm - 3 Nos
Hex Nut M10 with Collar & Spring Washer M10 – 3 Nos.
DC Supply Wire

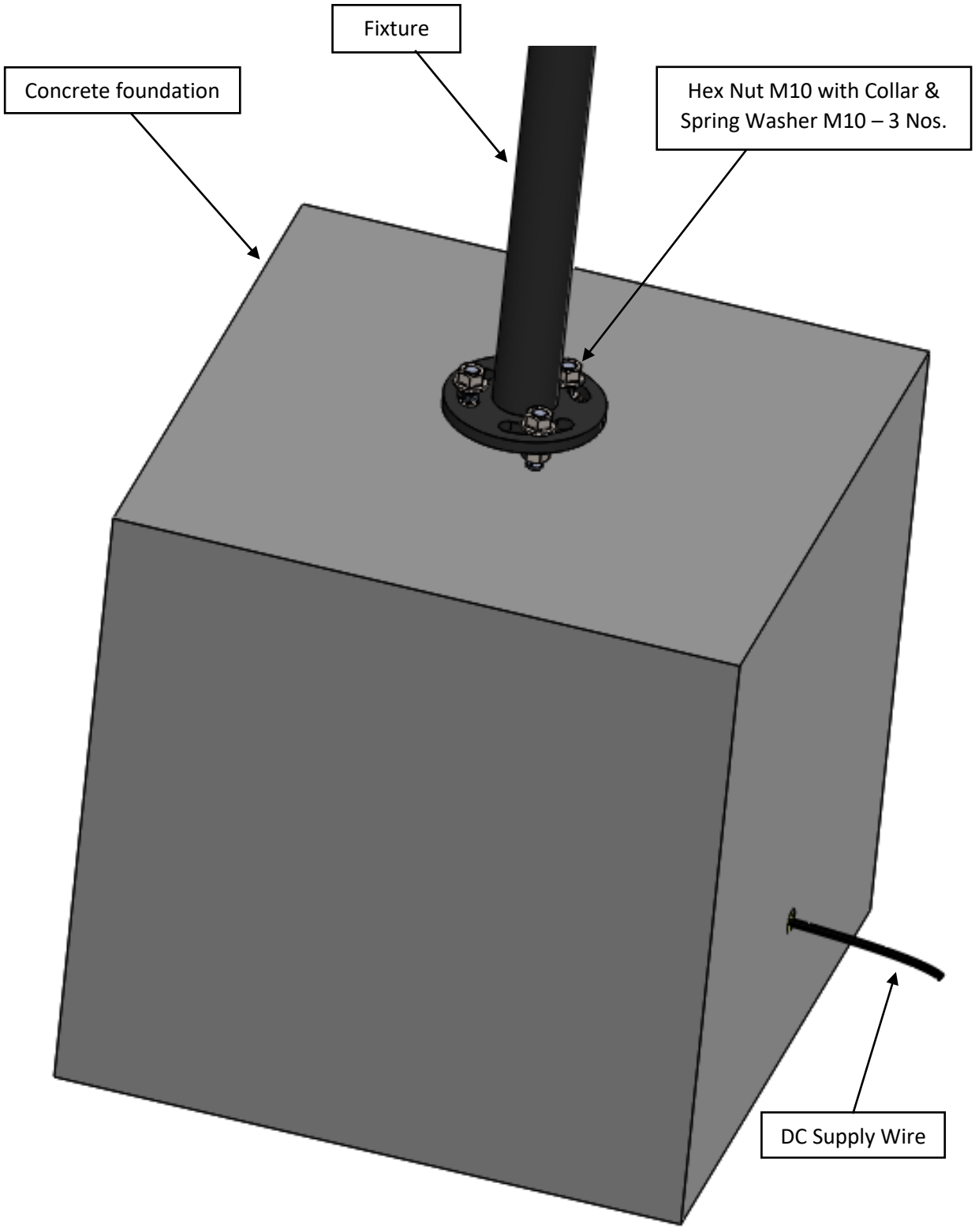
Step 6: Adjust 3 Nos. of Hex Nut M10 with Collar for same level of fixture by using spirit level.



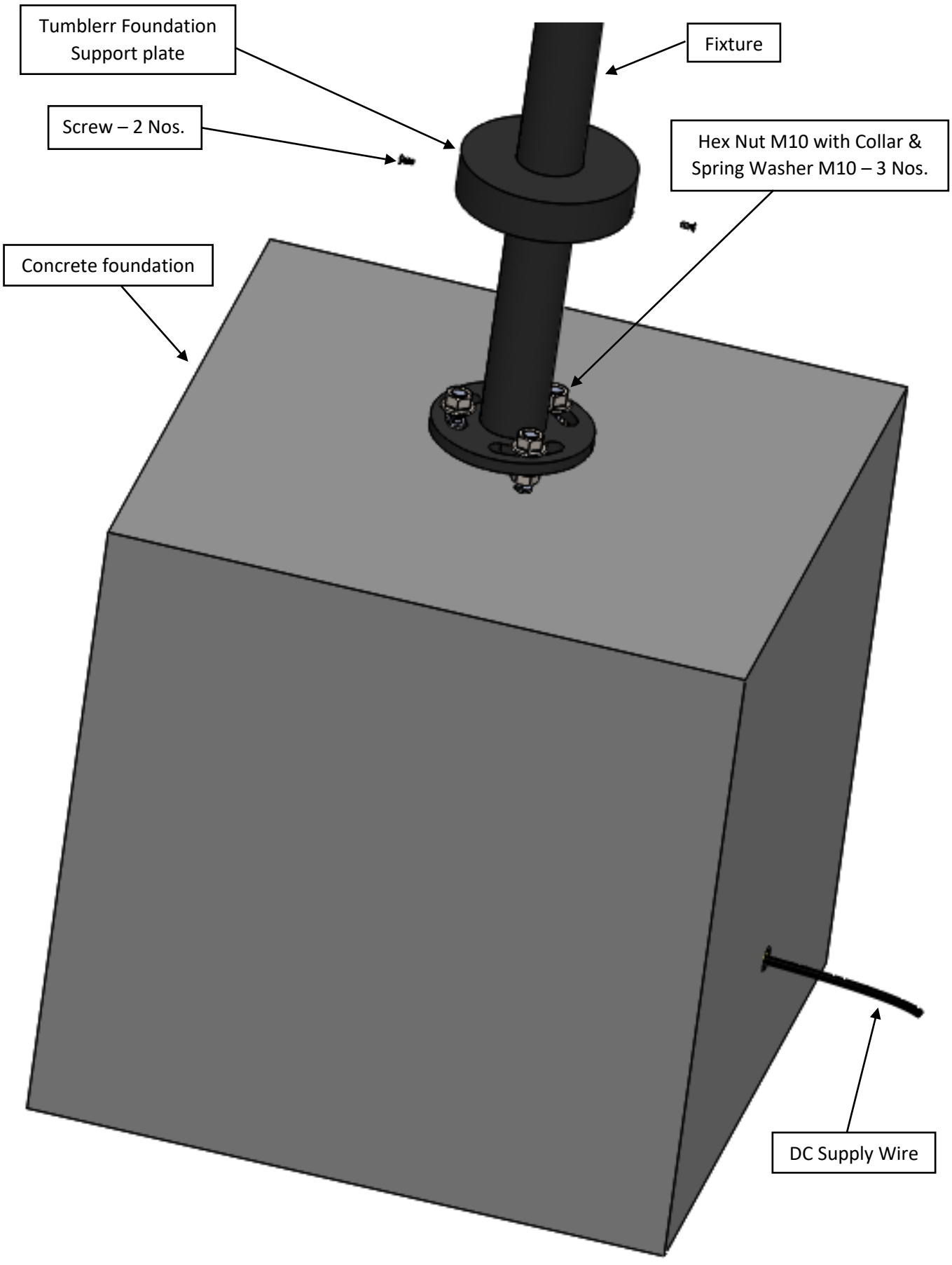
Step 7: The Fixture fix with concrete foundation by using Hex Nut M10 with Collar & Spring Washer M10 as shown in below figure.

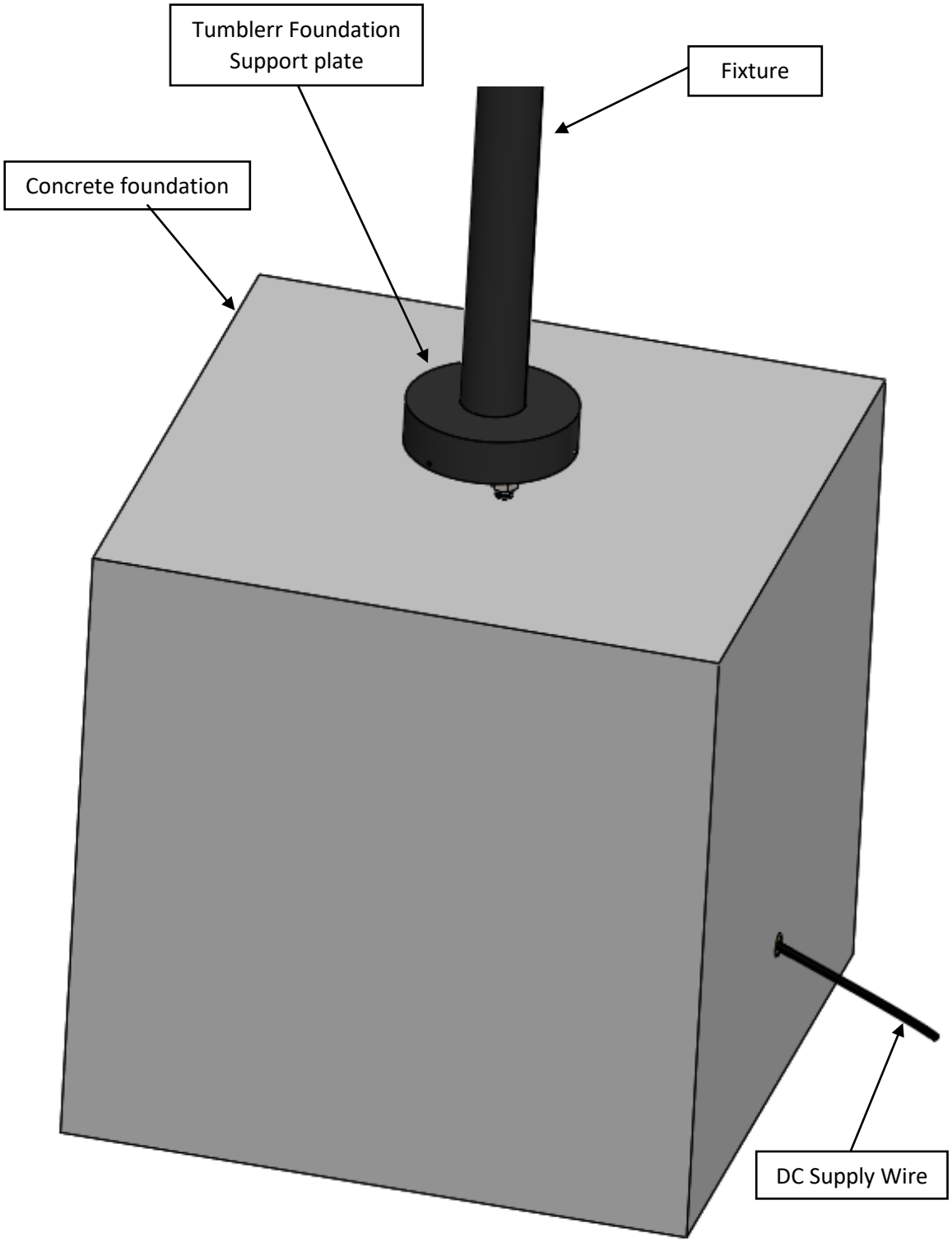
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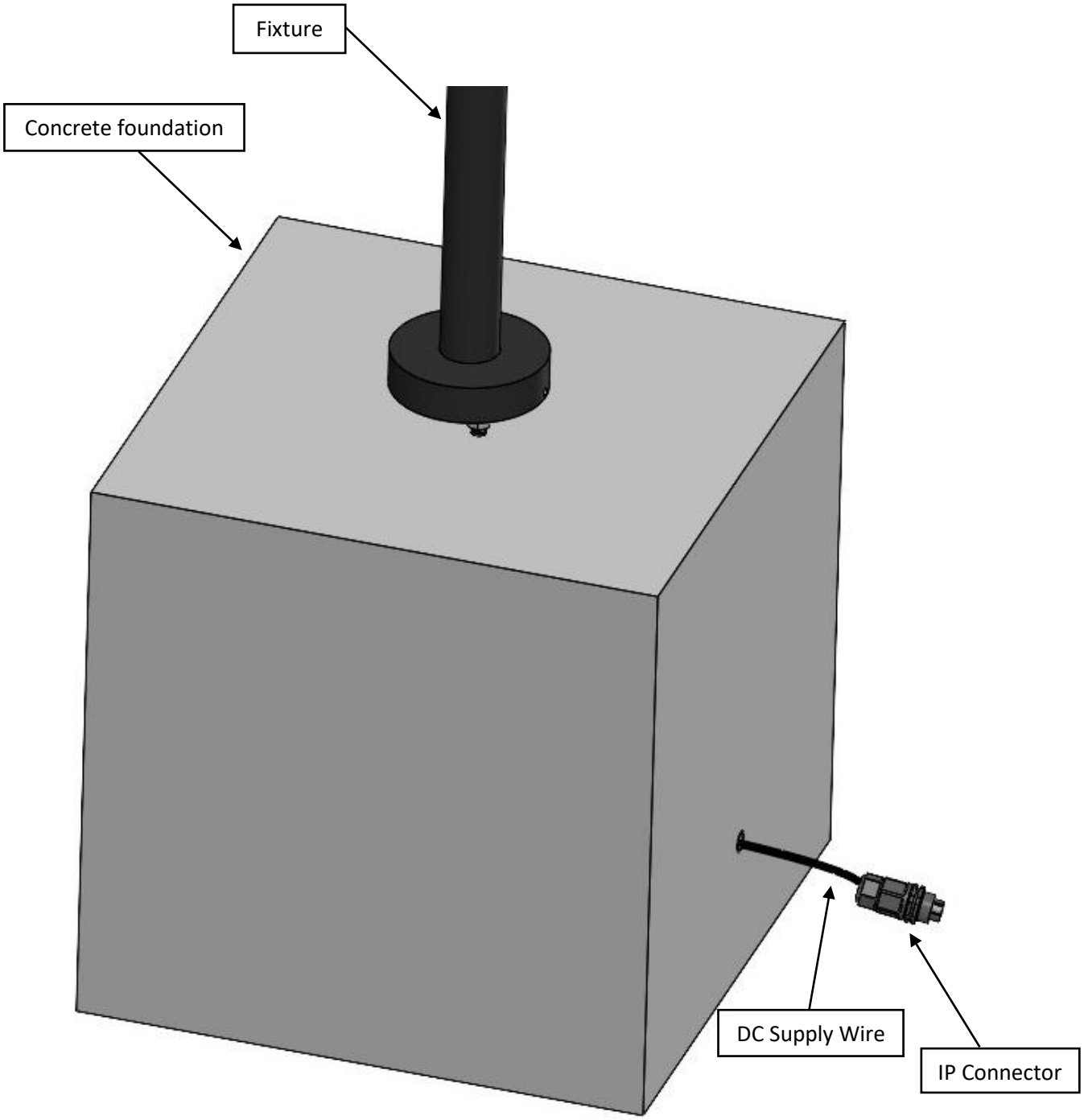

Fixture
Concrete foundation
Hex Nut M10 with Collar &
Spring Washer M10 – 3 Nos.
DC Supply Wire

Step 8: The tumblerr foundation support plate assemble with fixture by 2 nos. screw as shown in below figure.

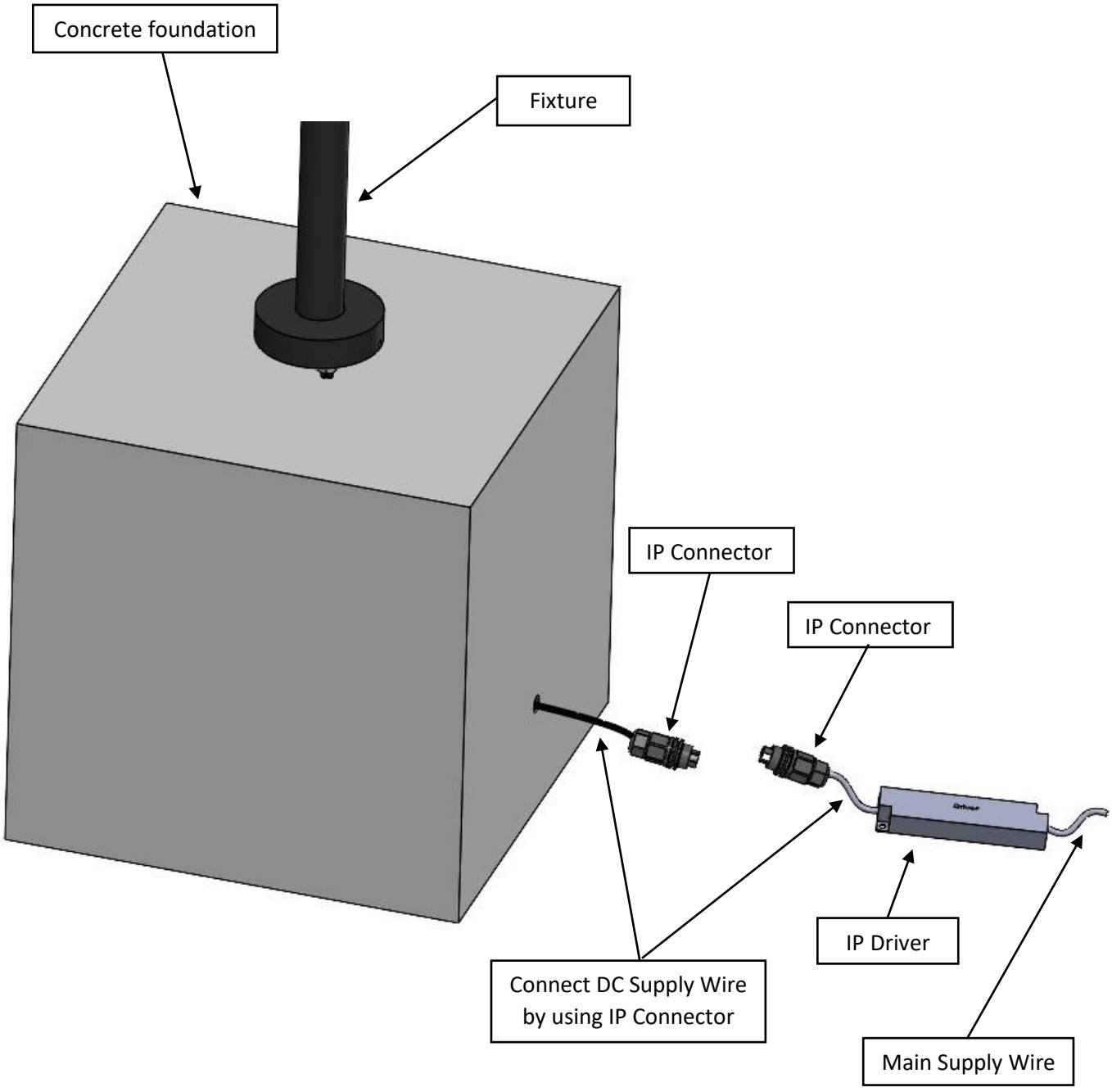


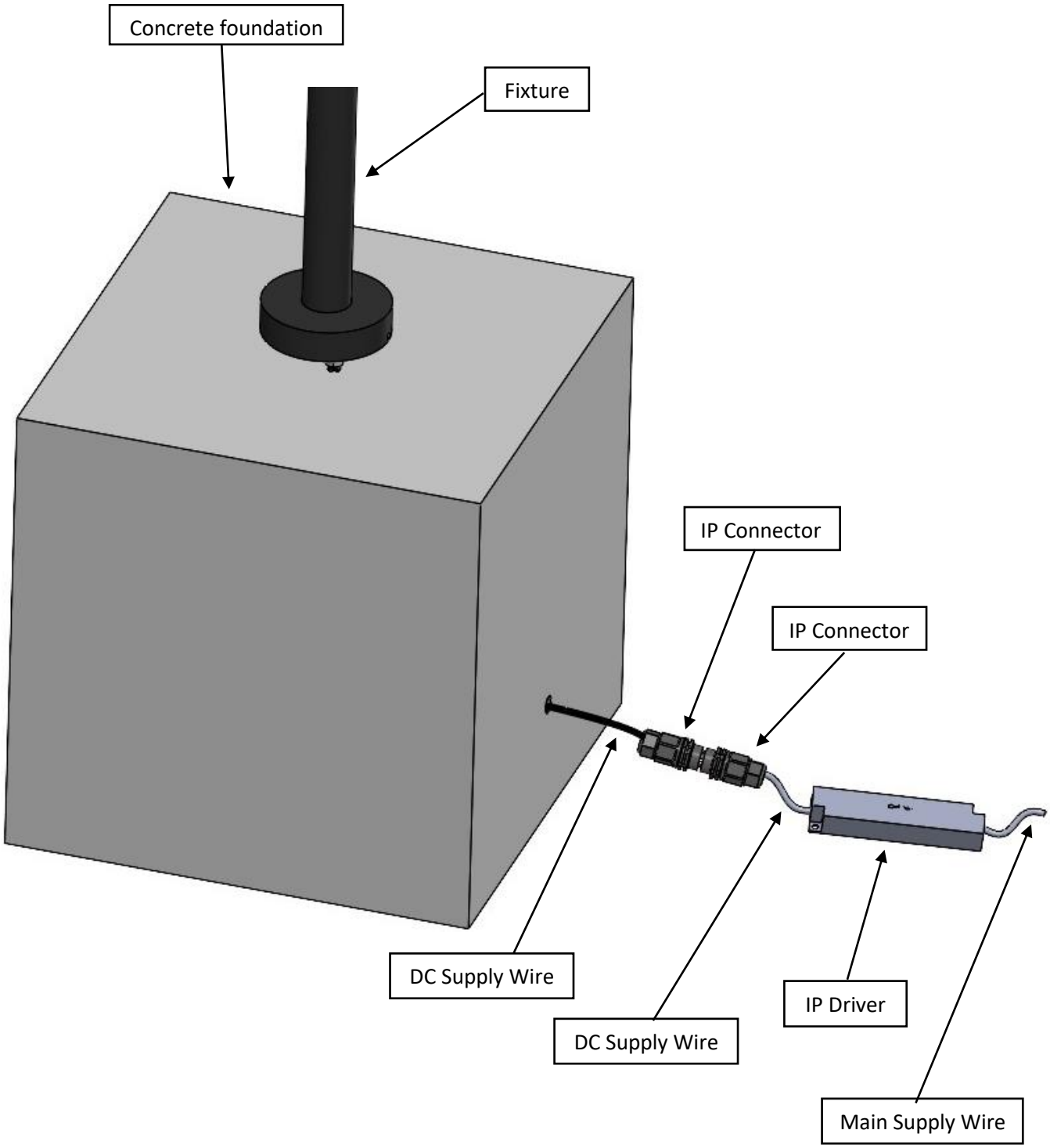

Tumblerr Foundation
Support plate
Fixture
Concrete foundation
DC Supply Wire

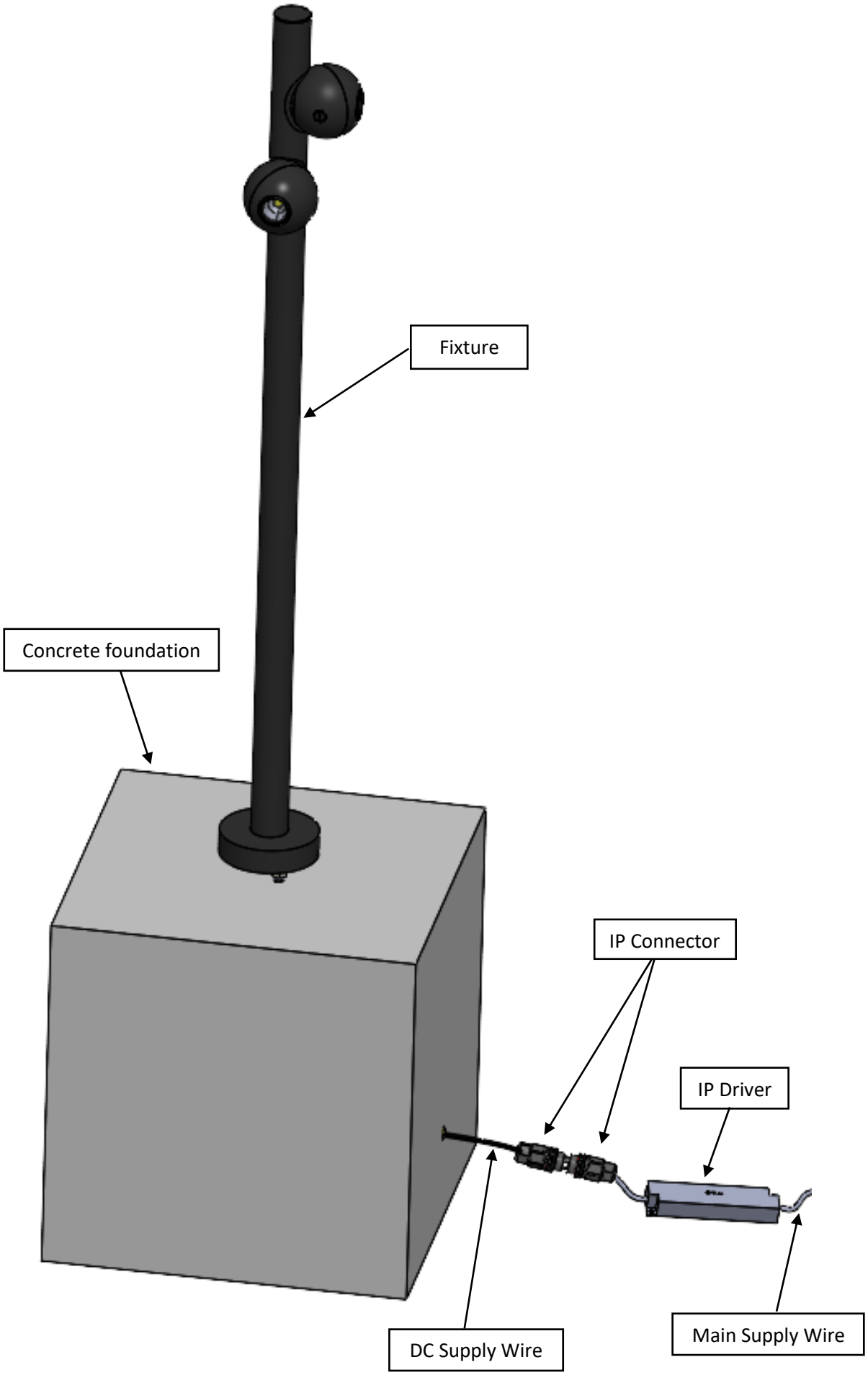
Step 9: Connect IP connector with dc supply wire as shown in below figure.



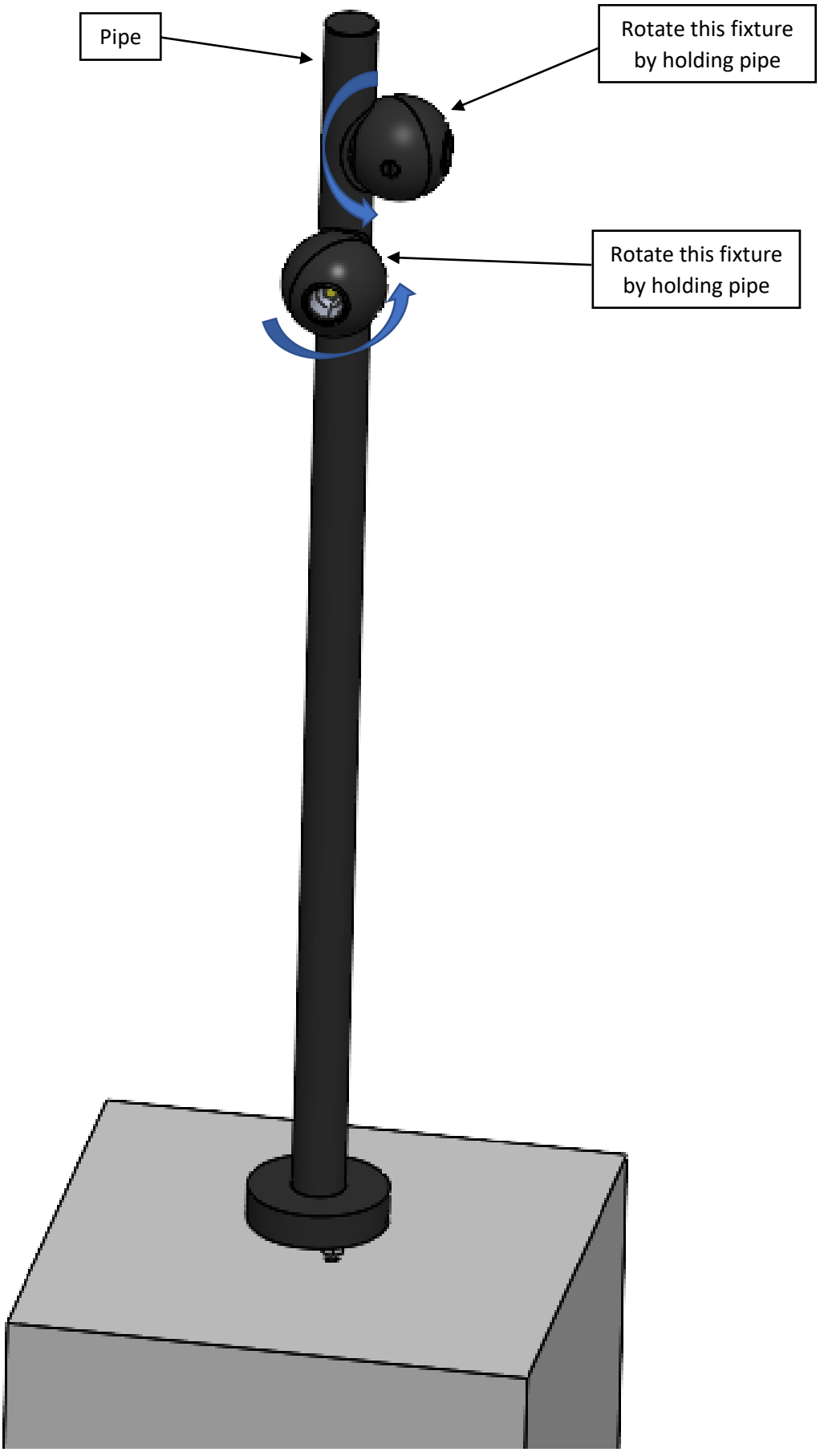
Step 10: Take IP driver with IP connector after that connect dc supply wire by using male and female IP connector as shown in below figure.



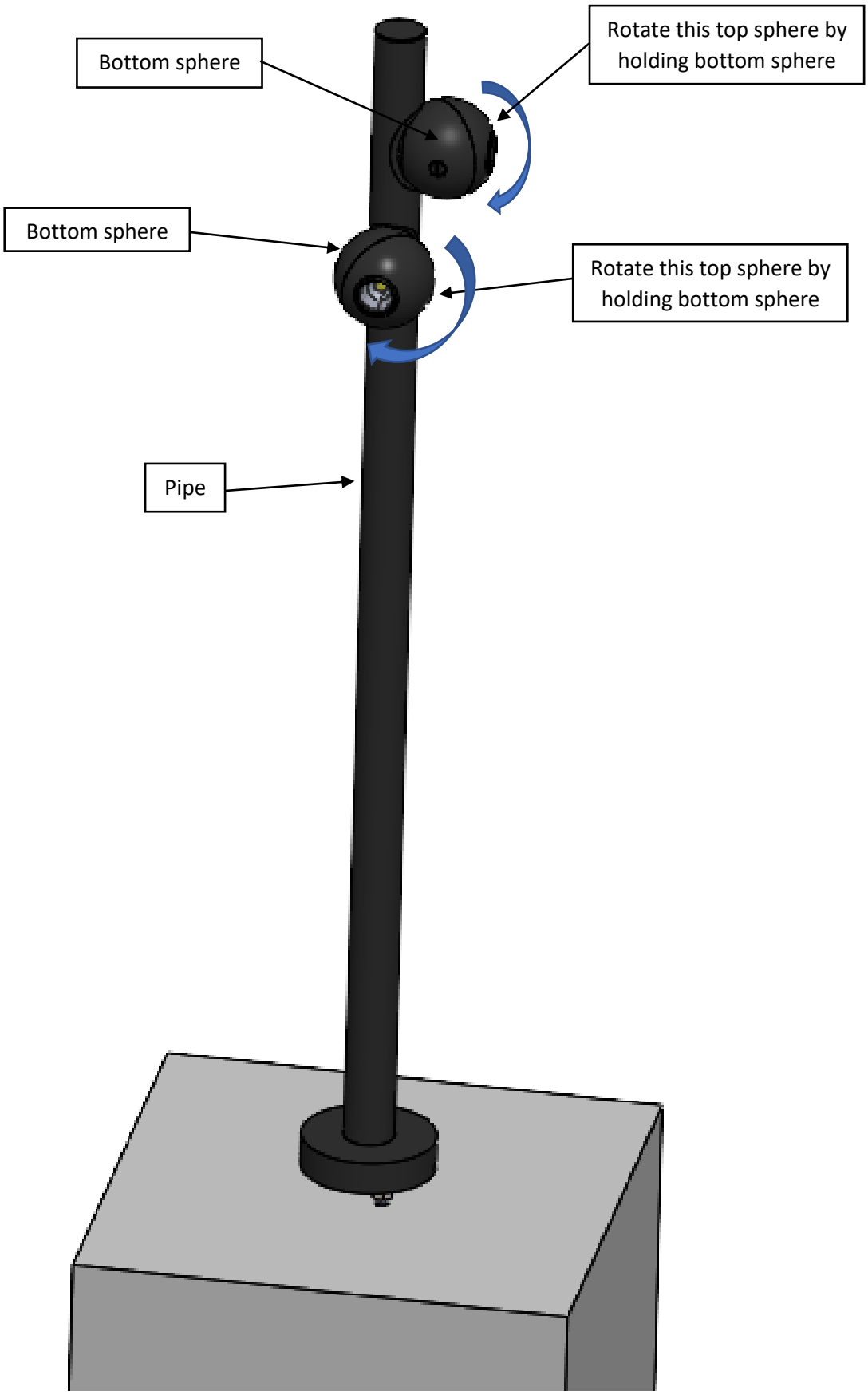

Concrete foundation
Fixture
IP Connector
IP Connector
DC Supply Wire
DC Supply Wire
IP Driver
Main Supply Wire


Fixture
Concrete foundation
IP Connector
IP Driver
DC Supply Wire
Main Supply Wire

Step 11: Rotate 2 fixture by holding pipe as per requirement, set your light spot.



Step 12: Rotate top sphere by holding bottom sphere as per requirement, set your light spot.



Installation is complete. Lights can be Turned On!