Equipment Philosophy

Scope

This document outlines the general requirements and parameters for installing equipment within Evergy's service territory.

General Installation Requirements

- Any equipment installed on behalf of the Company shall be approved by the Company prior to installation.
- Relocation of Company facilities after they have been installed is at the expense of the Customer/Developer.
- All work must adhere to Evergy standards, codes, and safety regulations.

Location, Access, and Working Space Requirements

- The location of all equipment shall be approved by the Company prior to installation.
- Equipment shall be installed in a location readily accessible at all times for Evergy crews.
- Provide sufficient space for vehicles to enter, exit, turn around, deploy outriggers, and swing booms safely during installation, maintenance, and emergency work.
- All three-phase equipment must be located within 15 feet of an improved surface; all other equipment must be located within 25 feet of an improved surface.
    - Improved surfaces shall be designed to support HS-20/HS-25 heavy-vehicle loading.

Structural Limitations

- No equipment shall be installed directly beneath Company equipment.
- No portion of any structure shall extend over Company equipment.
- Equipment shall be installed so that the front (entrance side) does not face the structure.
- If such conditions are unavoidable, approval must be obtained from Standards Engineering prior to installation.

Drainage

The area surrounding the equipment must be graded so that drainage flows away from the structure.

Obstructions and Barriers

- Customers shall install adequate barriers to protect equipment in areas open to vehicular traffic.
- Barriers different from those specified in these standards must be approved by Evergy and allow adequate working space and ventilation.
- Refer to the Bollard requirements **[9550.2-000]** and drawings for more details.

General Conduit Installation

Scope

This document outlines the general conduit installation requirements.

Pre-Installation Requirements

- Customers must contact utility one-call before trenching.
- The Company must be notified when digging occurs near Company equipment.
- Conduit installation requires Company approval prior to backfill; trenches must remain open until approved. The Company reserves the right to inspect all conduits installation.
- Improper installation must be corrected at the expense of the Customer/Developer.
- Relocation of Company facilities after installation is at the expense of the Customer/Developer.

Material Requirements

- Conduit must be NEMA TC-2 and NEC approved:
    - UL listed rigid schedule 40 gray PVC
    - HDPE (high density polyethylene) schedule 40 or SDR 13.5 black with red stripe
    - These requirements also apply to riser conduits.
- PVC elbows must be 36" radius for all service bends.
- PVC joints must be glued with PVC cement; HDPE joints require proper fittings.
    - Bands, clamps, or pre glued PVC under tension are not allowed.
    - Pre-glued PVC prior to installation or pulled/plowed under tension will not be accepted.
    - PVC couplers or bell joints must be adhered using an HDPE-rated epoxy.
    - Couplers must be fully glued on with epoxy per manufacturer instructions.

Installation Practices

- Open conduit ends must be capped or taped closed to prevent debris and wildlife entry.
- Backfill must be clean, tamped, and handled carefully to avoid conduit damage.
    - Backfill shall include dome top for settling or compaction to 95% maximum density (Proctor–ASTM D698).
    - Backfill must not contain rocks larger than 3" in their greatest dimension.
- Red danger tape must be installed 6"–12" below final grade.

Conduit Placement Requirements

- Conduit must be located where it is subject to the least disturbance.
- Preferred method for securing PVC conduit to couplers or bell joints is HDPE-rated epoxy.
- Couplers must be glued on with epoxy; mechanical fastening alone is not permitted.
- Cables must not be installed directly under buildings, storage tanks, or foundations unless approved by the Company.
- The distance between the top of conduit and the surface above must be sufficient to protect from expected surface loading. (Aligns with NEC Article 300 requirements.)

Environmental and Site Considerations

- In areas prone to flooding or high-water tables, additional protection may be required:
    - Watertight conduit
    - Elevated junction boxes
    - Other measures per NEC Article 300 and local codes
- Installations must consider soil conditions, water exposure, and potential future surface use to ensure conduit protection.

Primary and Secondary Conduit Installation

Scope

This document outlines the requirements and parameters for primary and secondary conduit installation within Evergy's service territory. Ductbanks are not addressed in this document.

Installation Requirements

Depth and Alignment

- Minimum depths – 41" to top of conduit.
    - Different depths may be required for switchgears, sectionalizing cabinets, pedestals, etc.
- Depths must be met at final grade after settling.
- The conduit bends shall conform to those provided by the Company design.

Pull Tape

Install polyester pull tape (1200 lbs strength) in all conduits.

- If pull tape breaks, it is the responsibility of the Customer/Developer to pull in a new one.

Sizing and Approved Materials

- The company will dictate conduit sizes to be used.

Service Conduit Installation

Scope

This document outlines the general requirements and parameters for service conduit installation within Evergy's service territory.

Installation Requirements

Materials and Construction

- Maximum conduit runs – 135'

Depth and Alignment

- Minimum depth – 30" to top of conduit.
- Depths must be met at final grade after settling.
- Runs should be straight where possible; maximum three bends per run (two vertical 90° and one horizontal summing up to 90°).

Sizing and Approved Materials

- Slip joints are required for meter risers.
- Service conduit sizes:

Minimum Service Conduit Requirements		
Service Entrance Size[1]	3-Wire, 1 Phase	
	Quantity	Minimum Size (inches)[2]
200 Amp	1	3
400 Amp	1	3
600 Amp	2	3
800 Amp	2	4

1. For sizes not listed above contact a Company Representative.
2. These service conduit sizes are for residential services. In commercial applications the customer should verify cable and conduit comply with local code and NEC.

Stubouts

New Pedestal or Transformer Padmount Installation

When a customer installs a new pedestal or padmount for setting a transformer, the customer is responsible for providing stub-outs for all anticipated conduits to the Company selected location. Stub-outs must be oriented toward the projected conduit path and meet Company specifications for size and location.

Existing Pedestal or Transformer Padmount

For pedestals or transformer padmounts already installed by the Company, the Company will install a customer-provided stub-out at a Company selected location. The customer shall connect to this stub-out in accordance with Company requirements.

Equipment Philosophy

Scope

This document outlines the general requirements and parameters for installing equipment within Evergy's service territory.

General Installation Requirements

- Any equipment installed on behalf of the Company shall be approved by the Company prior to installation.
- Relocation of Company facilities after they have been installed is at the expense of the Customer/Developer.
- All work must adhere to Evergy standards, codes, and safety regulations.

Location, Access, and Working Space Requirements

- The location of all equipment shall be approved by the Company prior to installation.
- Equipment shall be installed in a location readily accessible at all times for Evergy crews.
- Provide sufficient space for vehicles to enter, exit, turn around, deploy outriggers, and swing booms safely during installation, maintenance, and emergency work.
- All three-phase equipment must be located within 15 feet of an improved surface; all other equipment must be located within 25 feet of an improved surface.
    - Improved surfaces shall be designed to support HS-20/HS-25 heavy-vehicle loading.

Structural Limitations

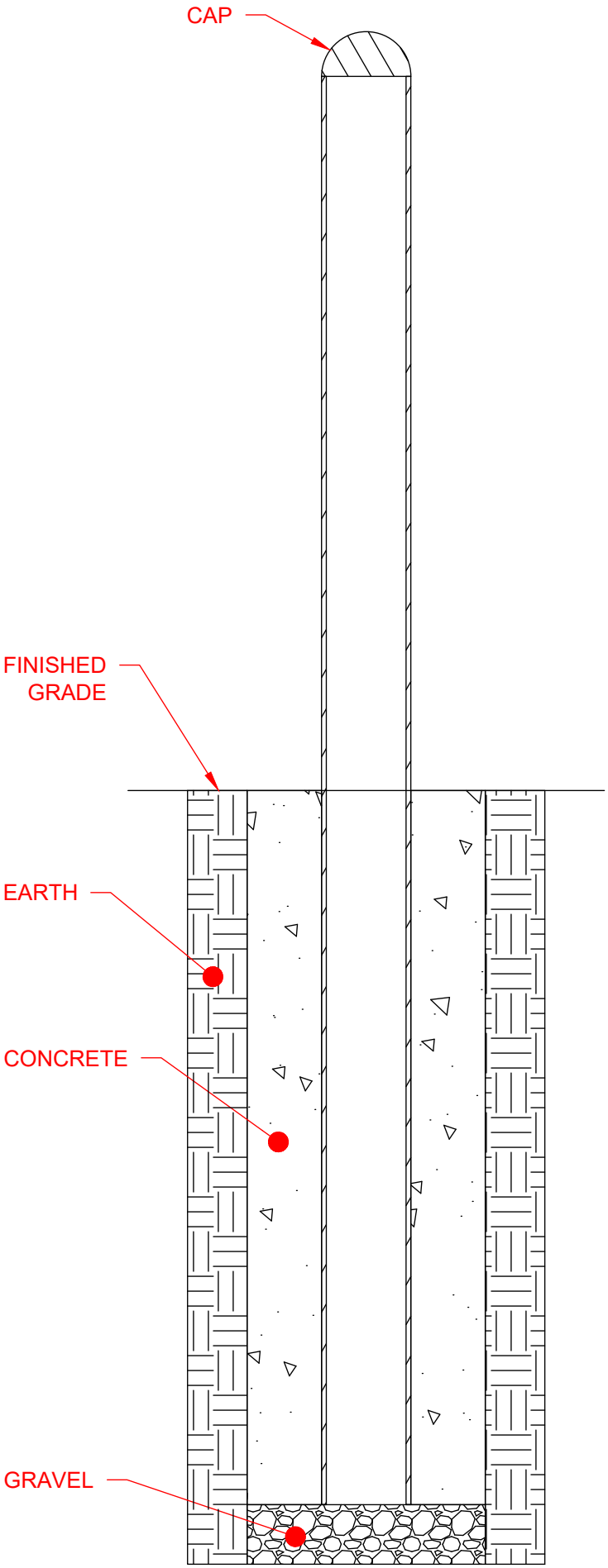
- No equipment shall be installed directly beneath Company equipment.
- No portion of any structure shall extend over Company equipment.
- Equipment shall be installed so that the front (entrance side) does not face the structure.
- If such conditions are unavoidable, approval must be obtained from Standards Engineering prior to installation.

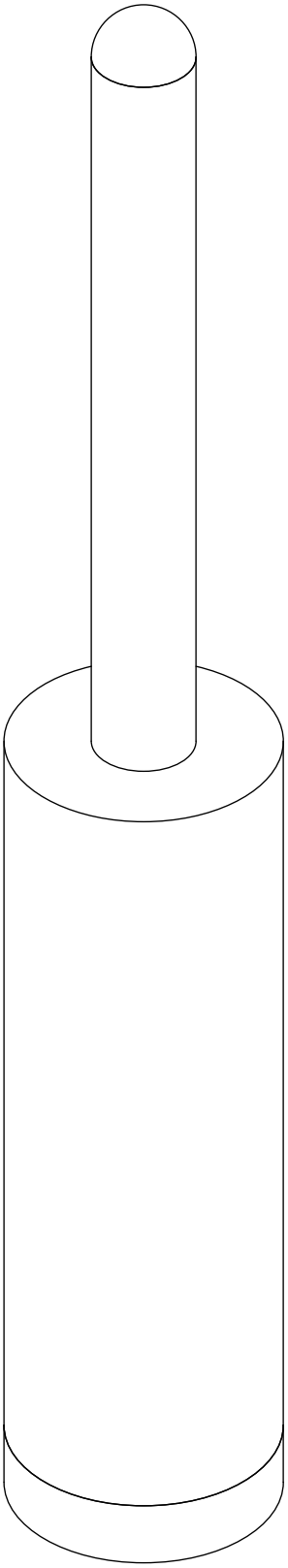
Drainage

The area surrounding the equipment must be graded so that drainage flows away from the structure.

Obstructions and Barriers

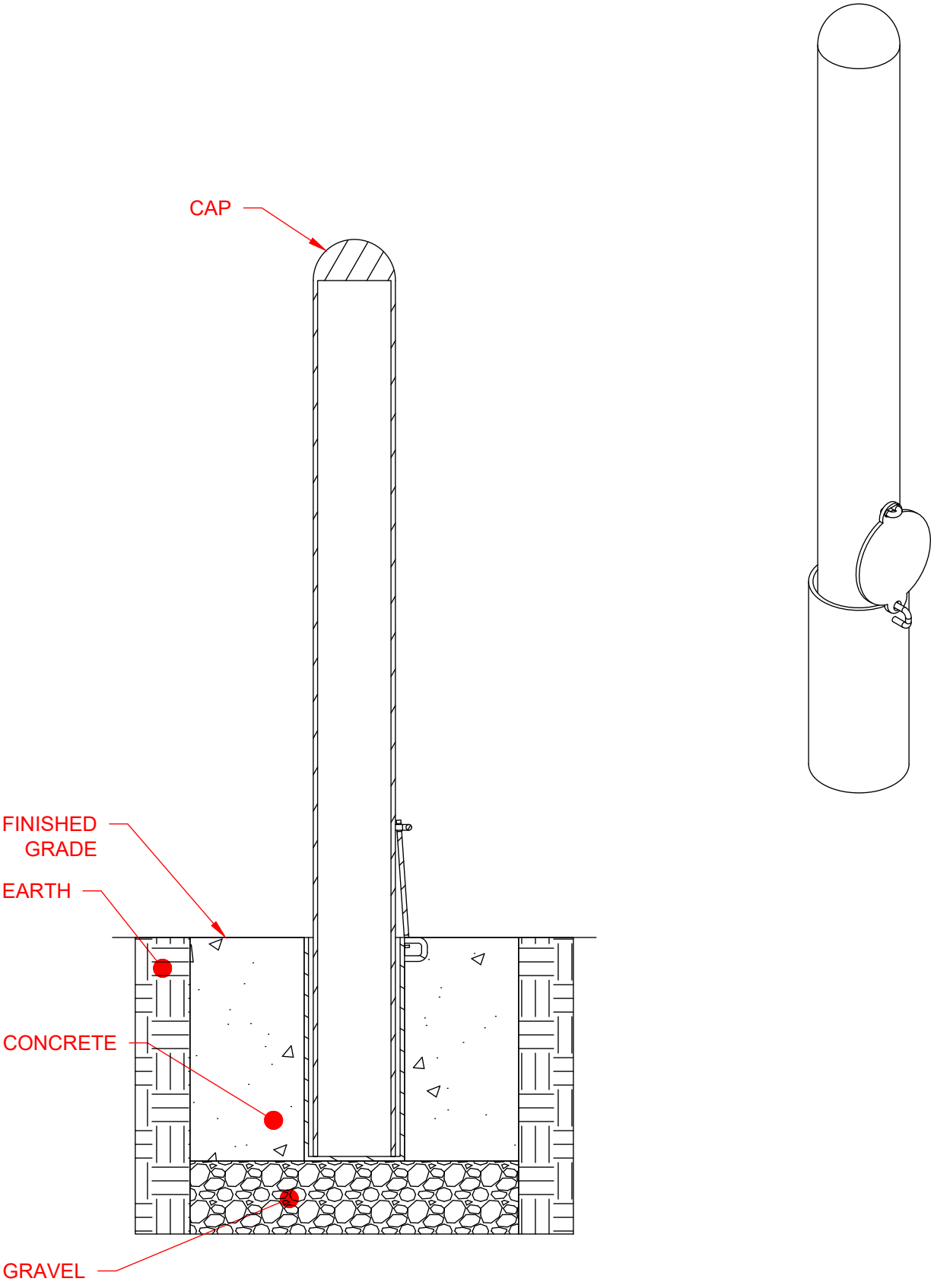
- Customers shall install adequate barriers to protect equipment in areas open to vehicular traffic.
- Barriers different from those specified in these standards must be approved by Evergy and allow adequate working space and ventilation.
- Refer to the Bollard requirements **[9550.2-000]** and drawings for more details.





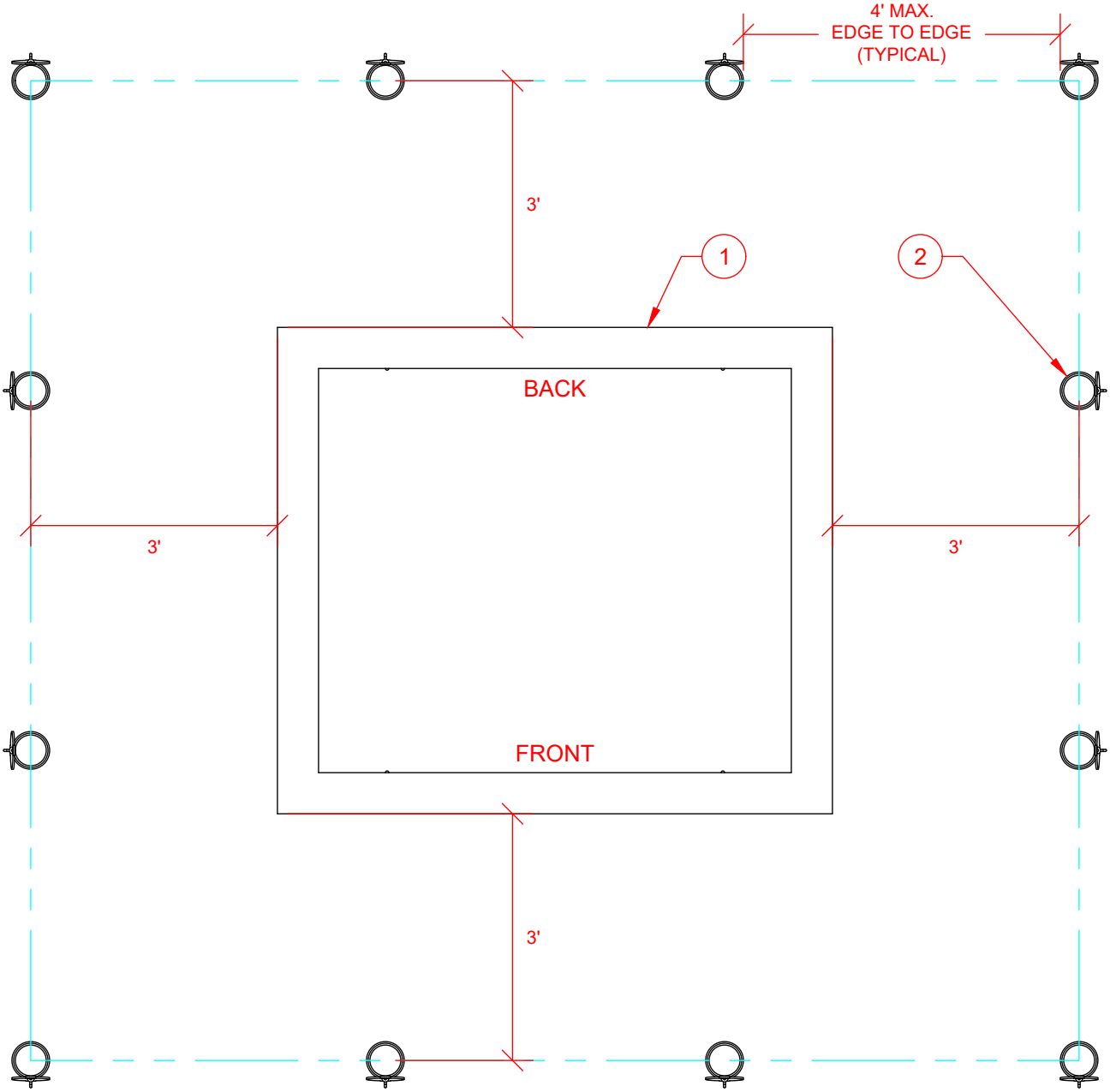
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 03/10/2026	PFD EQUIPMENT BOLLARD NON REMOVABLE	**9550.2-001** **Sheet 1 of 2**

Number	Item	Requirement	Provided By	Installed By	Maintained By



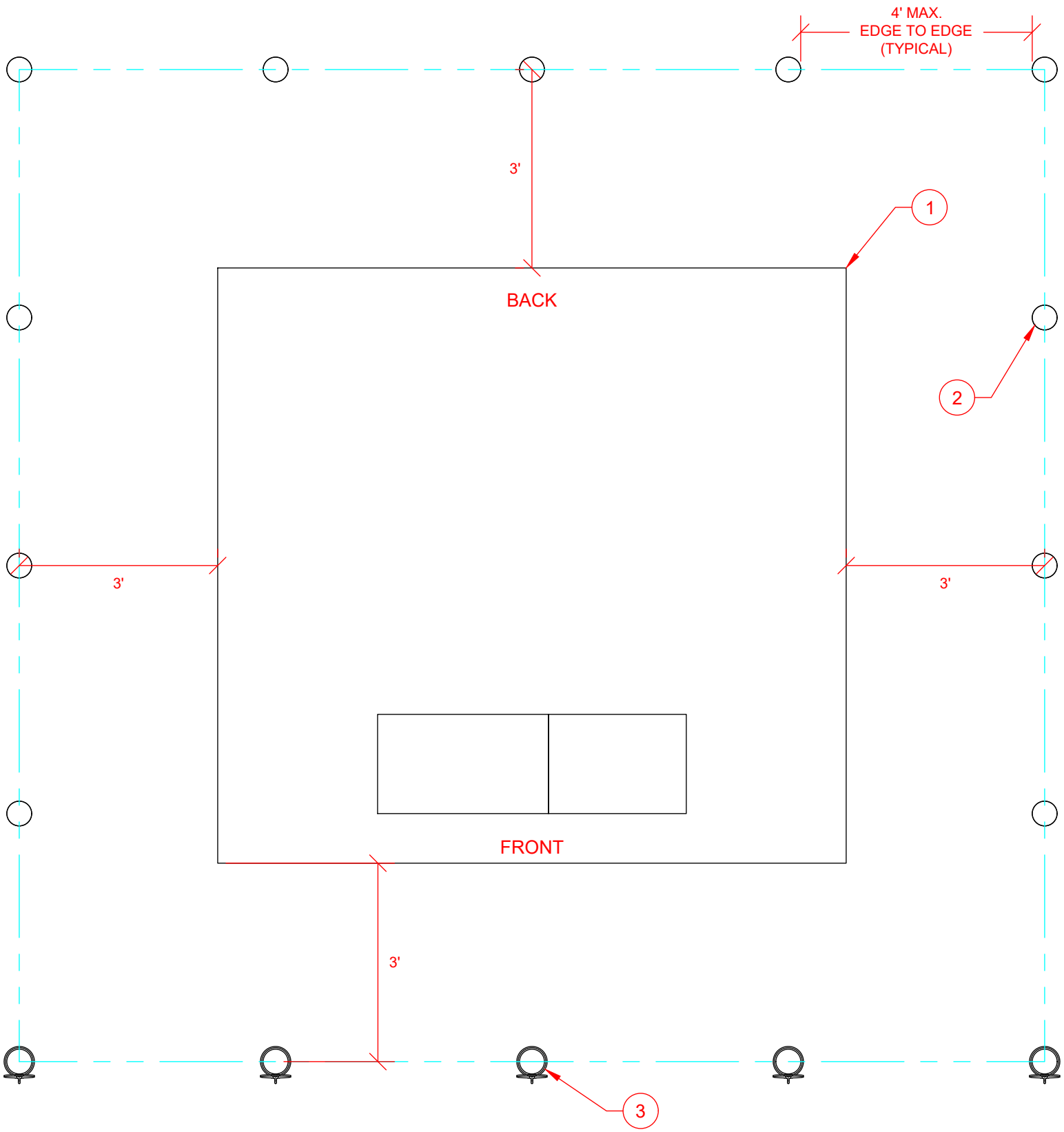
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE	PFD EQUIPMENT BOLLARD REMOVABLE	**9550.2-002** **Sheet 1 of 2**

Number	Item	Requirement	Provided By	Installed By	Maintained By



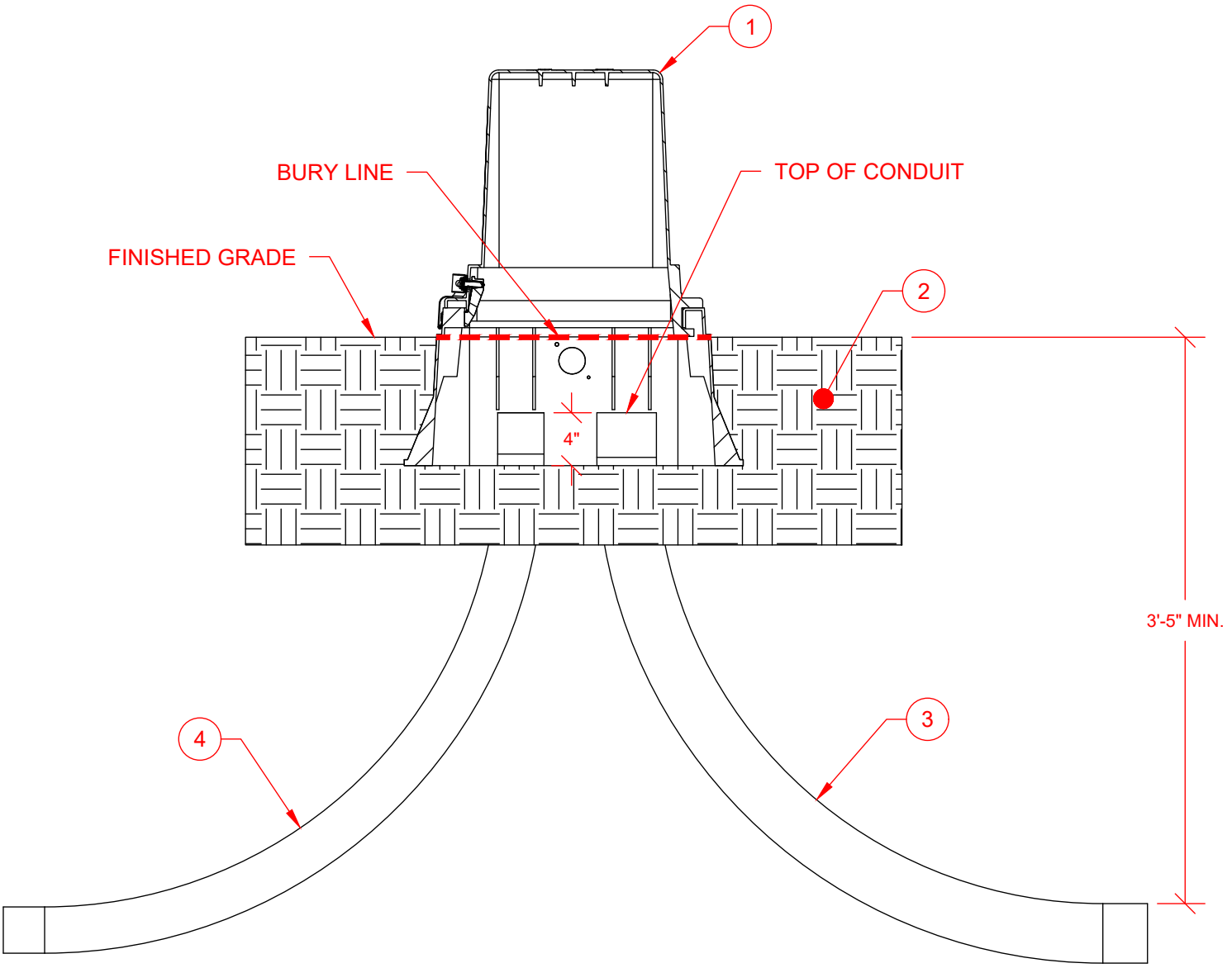
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 03/10/2026	PFD EQUIPMENT BOLLARD SWITCHGEAR TWO SIDED	**9550.2-054** **Sheet 1 of 2**

Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Switchgear		Evergy	Customer	Evergy
2	Bollard NonRemovable	• Required rating: ASTM F3016 P1.	Customer	Customer	Customer
3	Bollard Removable	• Required rating: ASTM F3016 P1. • Must include a lifting provision rated for weight of bollard.	Customer	Customer	Customer

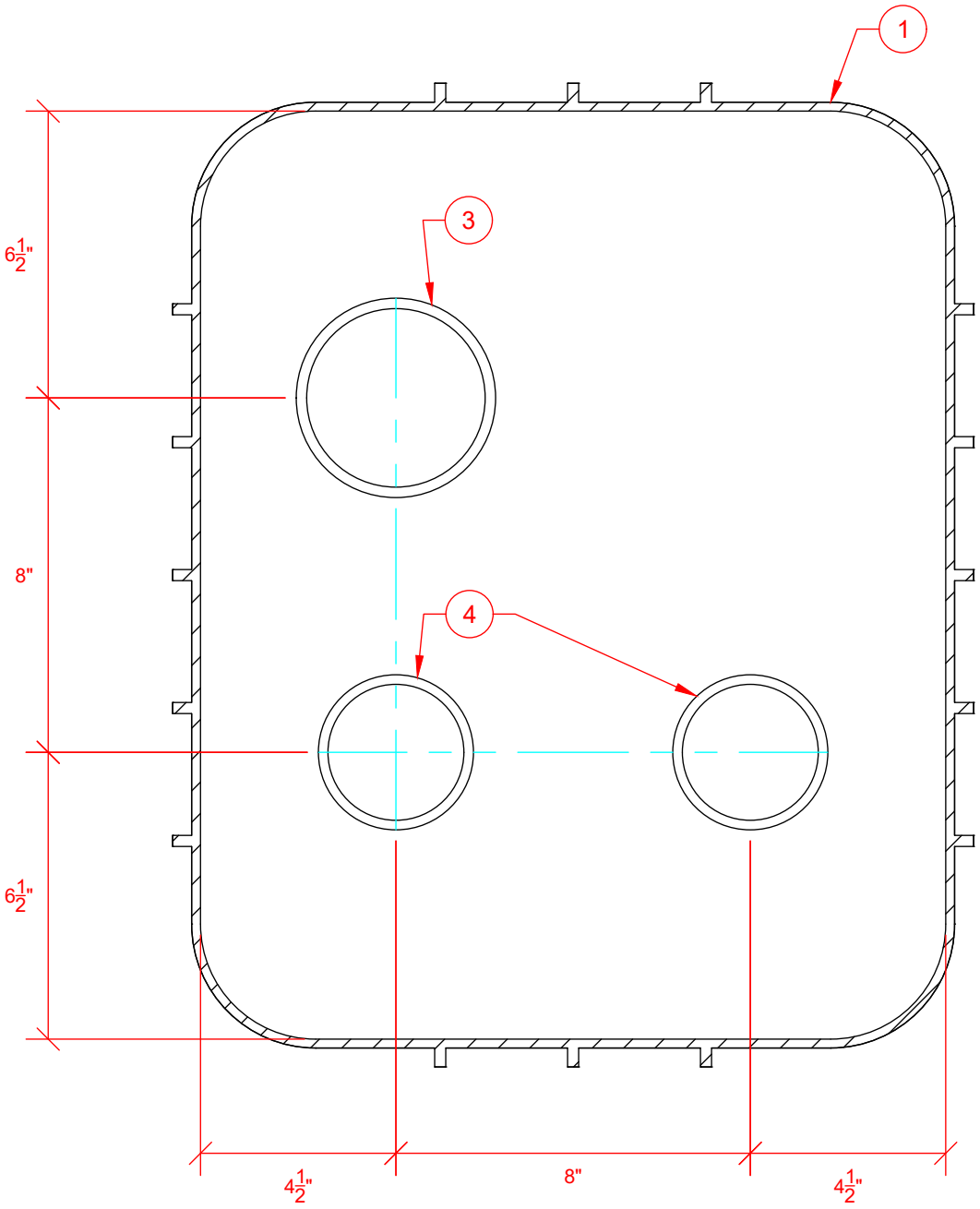


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 03/10/2026	PFD EQUIPMENT BOLLARD TRANSFORMER 3P PAD	9550.2-058 Sheet 1 of 2

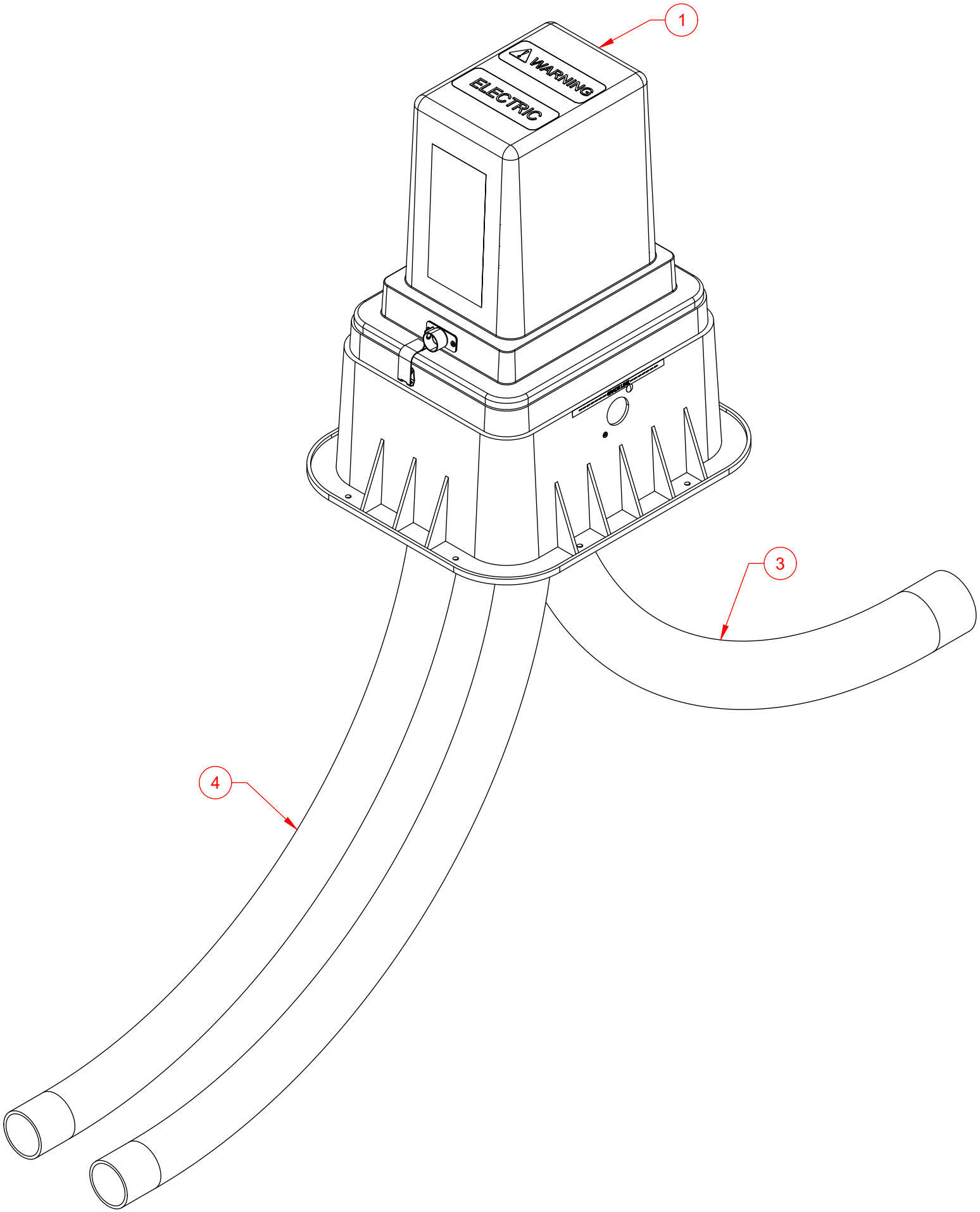
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Customer	Customer	Customer
2	Bollard NonRemovable	• Required rating: ASTM F3016 P1.	Customer	Customer	Customer
3	Bollard Removable	• Required rating: ASTM F3016 P1. • Must include a lifting provision rated for weight of bollard.	Customer	Customer	Customer



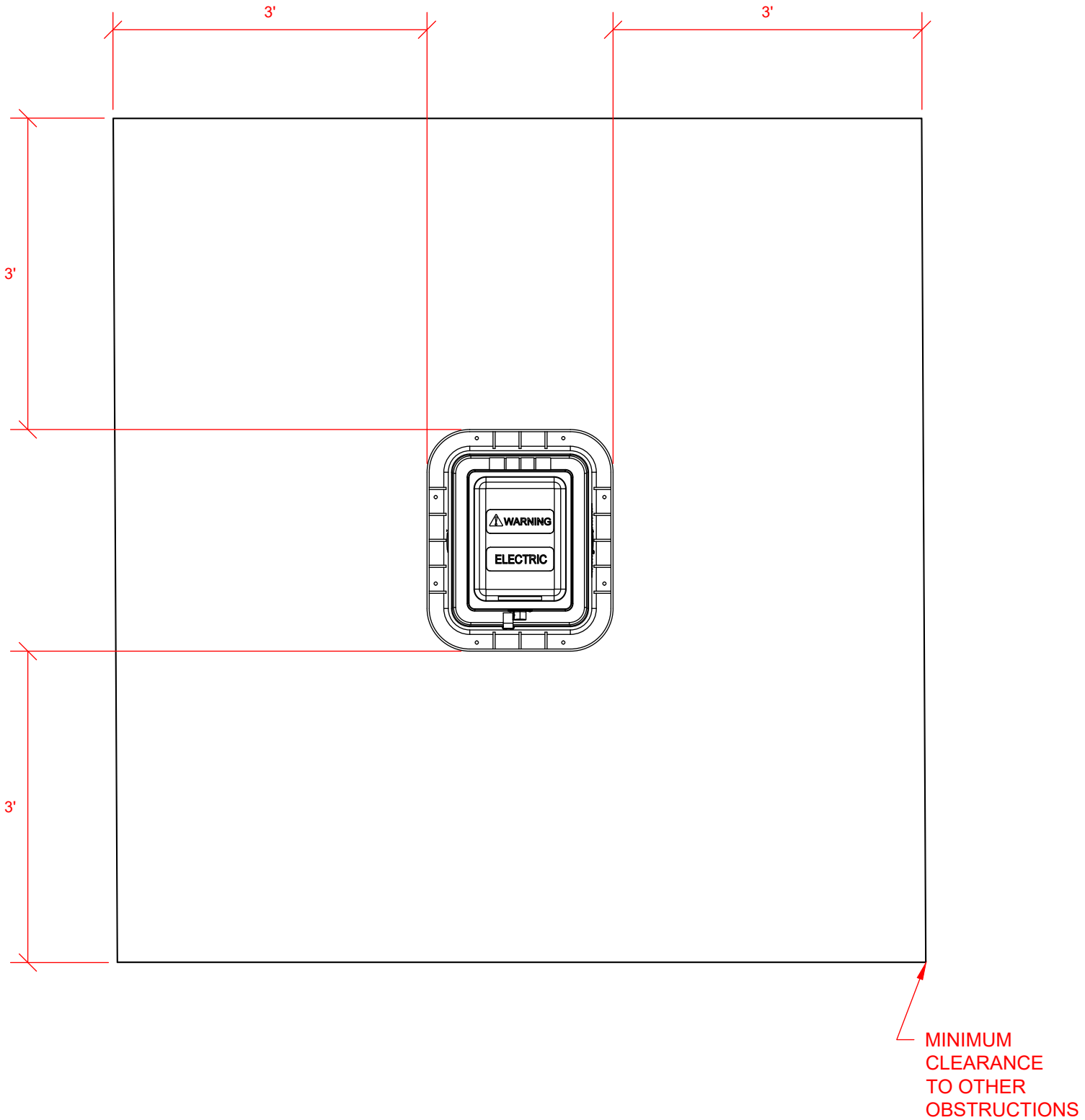
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/09/2026	PFD EQUIPMENT PEDESTAL SECONDARY SURFACE MOUNT	**9550.25-002** **Sheet 1 of 5**



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/09/2026	PFD EQUIPMENT PEDESTAL SECONDARY SURFACE MOUNT	**9550.25-002** **Sheet 2 of 5**

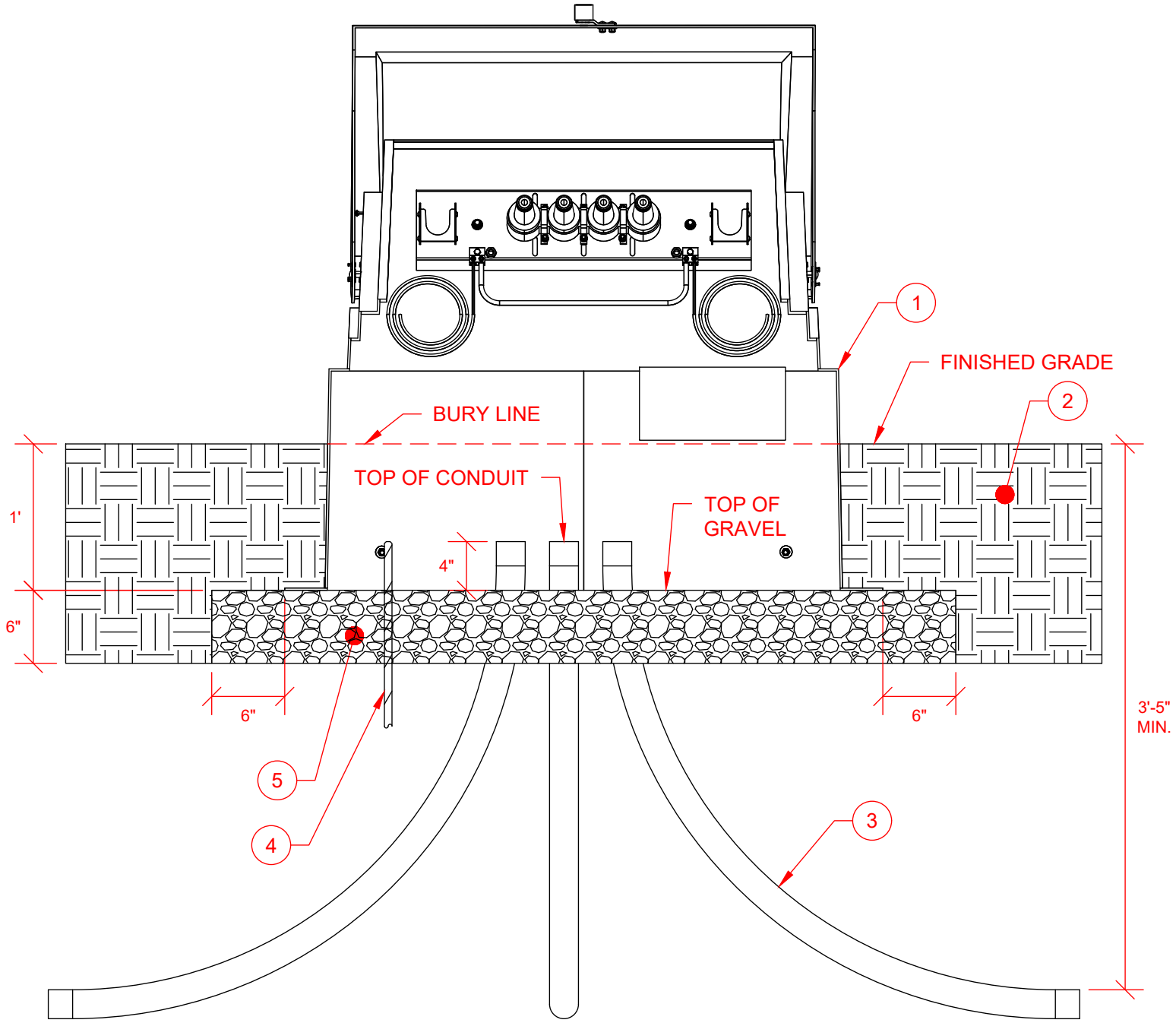


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/09/2026	PFD EQUIPMENT PEDESTAL SECONDARY SURFACE MOUNT	**9550.25-002** **Sheet 3 of 5**



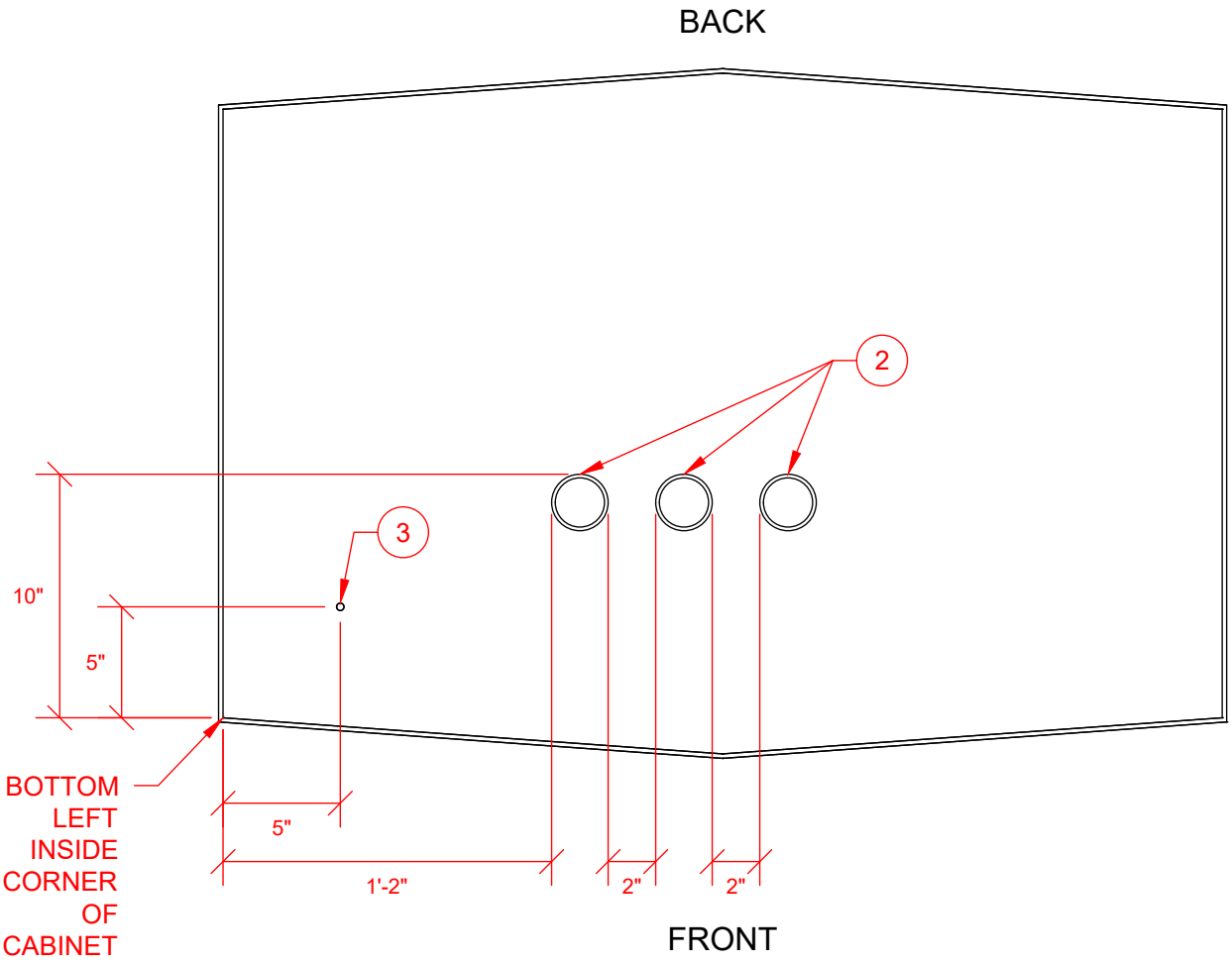
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/09/2026	PFD EQUIPMENT PEDESTAL SECONDARY SURFACE MOUNT	**9550.25-002** **Sheet 4 of 5**

Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Pedestal Secondary		Evergy	Customer	Evergy
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Secondary Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Service Conduit.	Customer	Customer	Customer

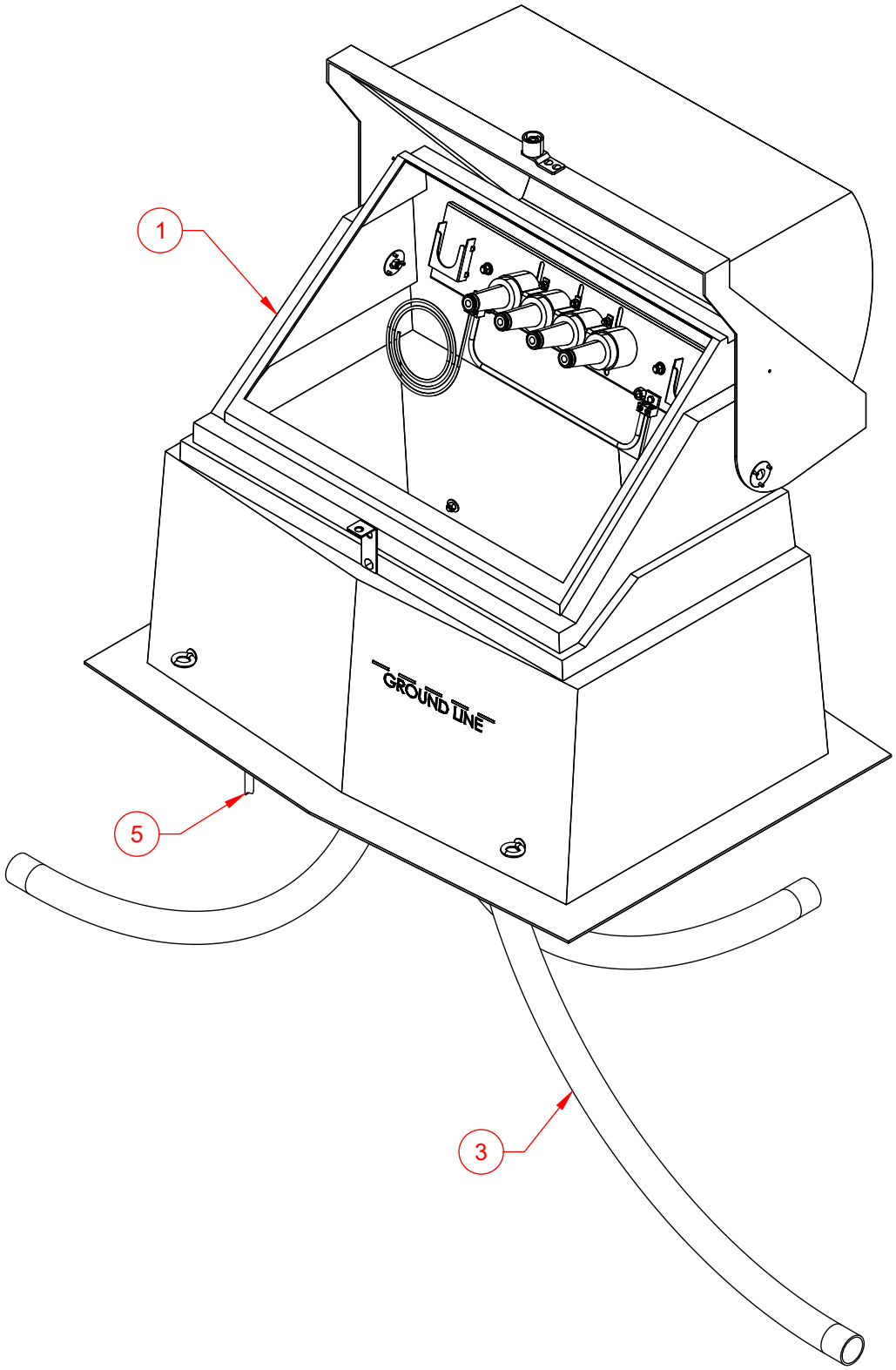


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 1P 200 AMP SURFACE MOUNT 15KV	**9550.42-121** **Sheet 1 of 5**

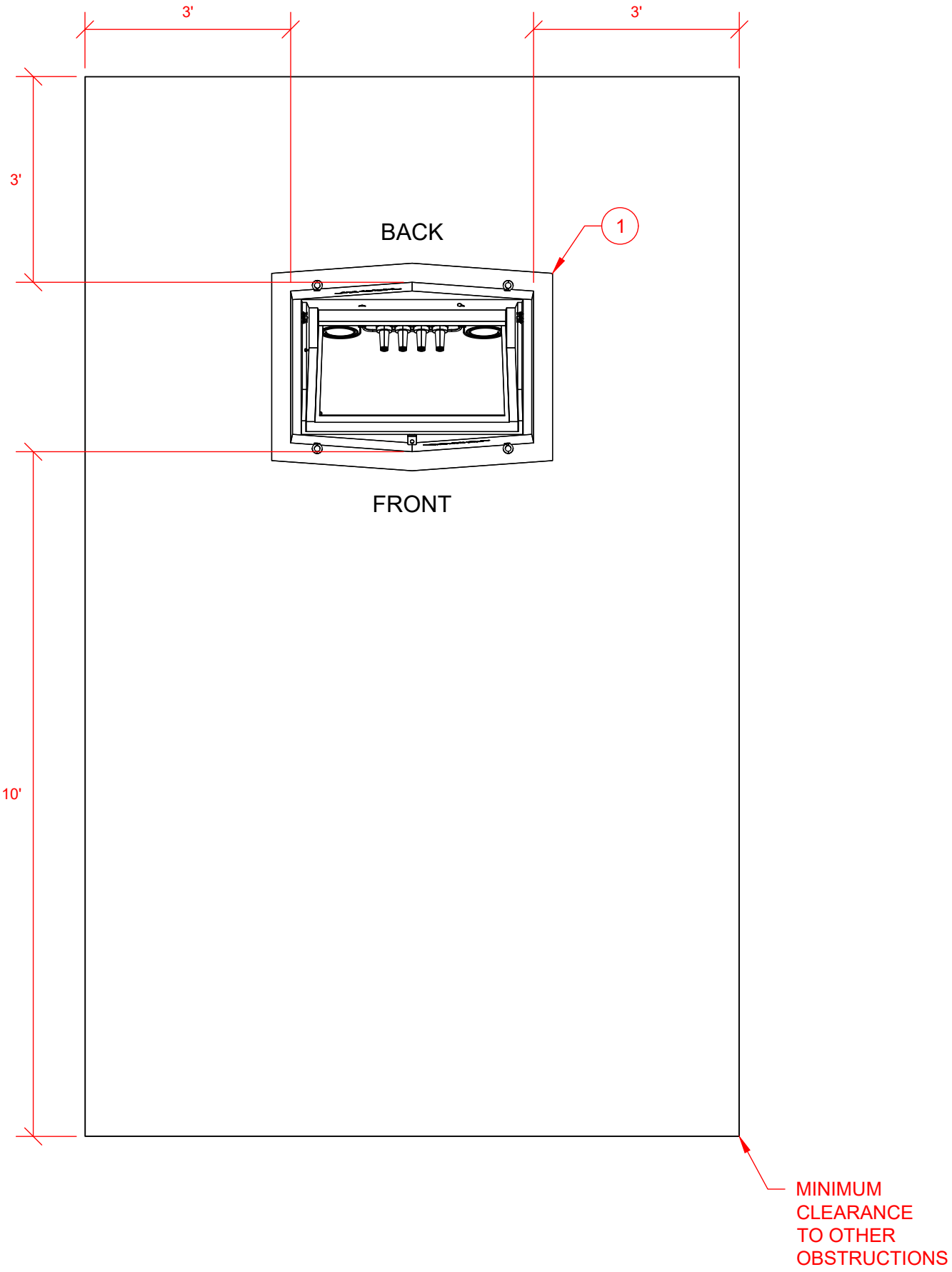
CONDUIT WINDOW



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 1P 200 AMP SURFACE MOUNT 15KV	**9550.42-121** **Sheet 2 of 5**

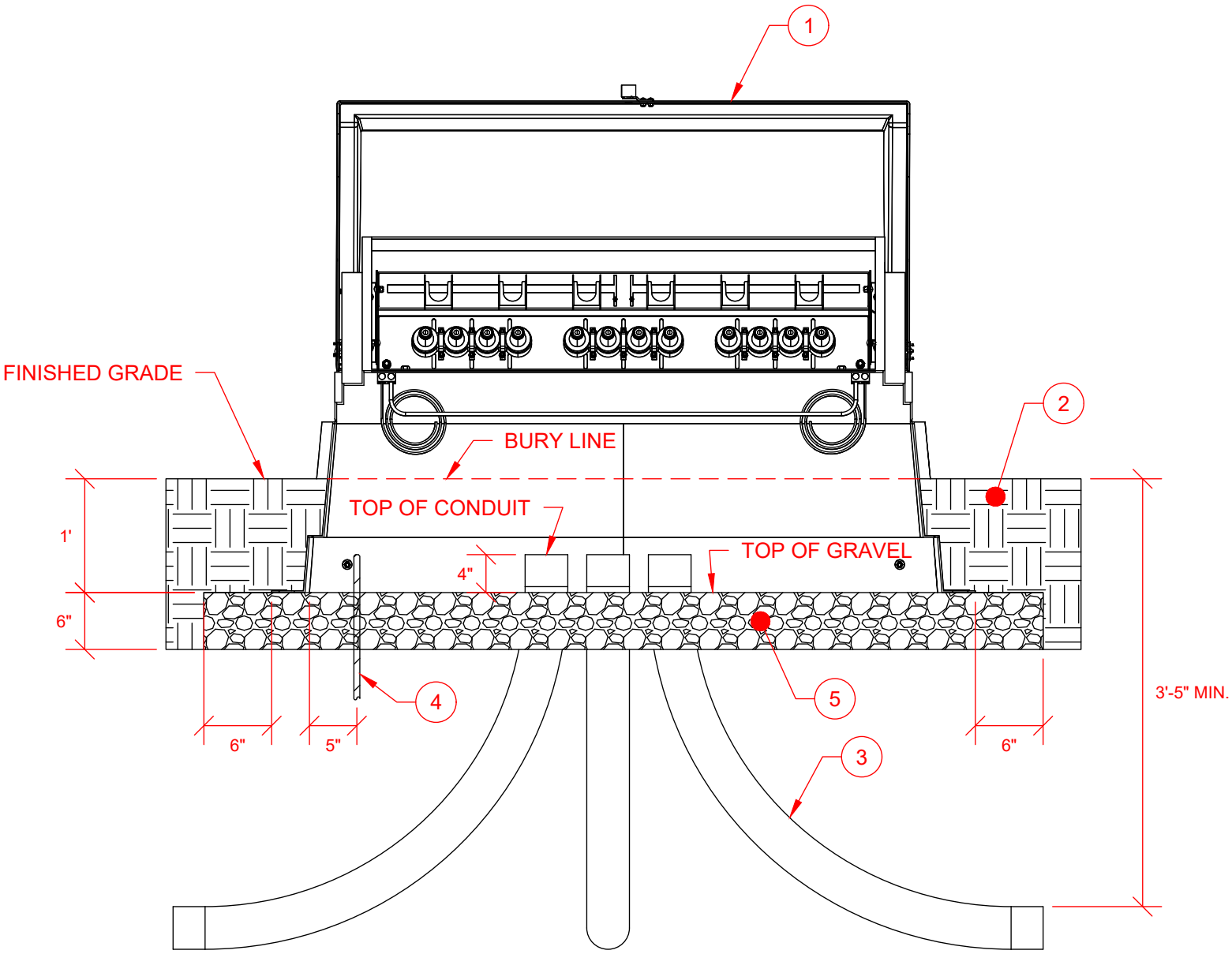


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 1P 200 AMP SURFACE MOUNT 15KV	**9550.42-121** **Sheet 3 of 5**



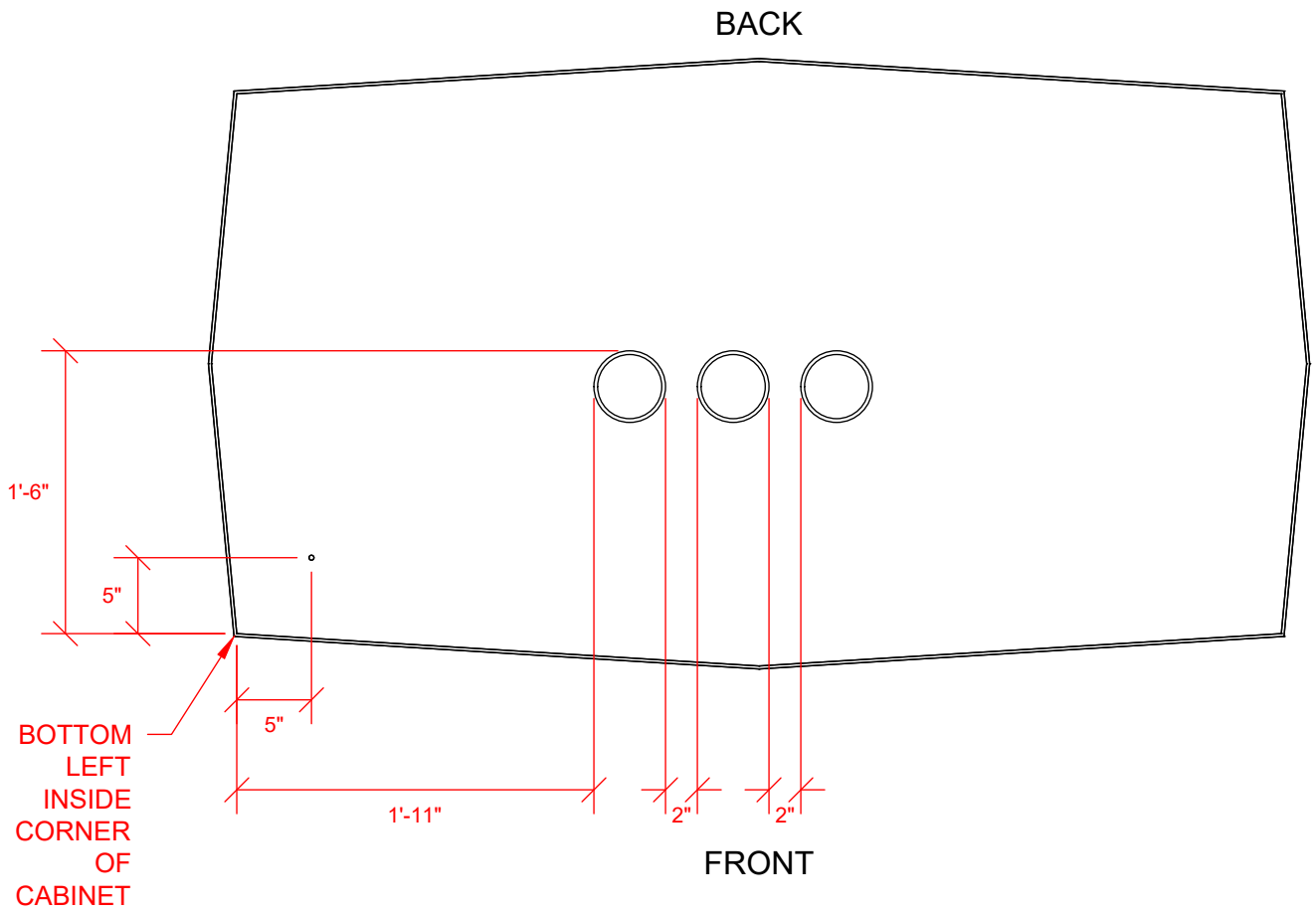
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 1P 200 AMP SURFACE MOUNT 15KV	**9550.42-121** **Sheet 4 of 5**

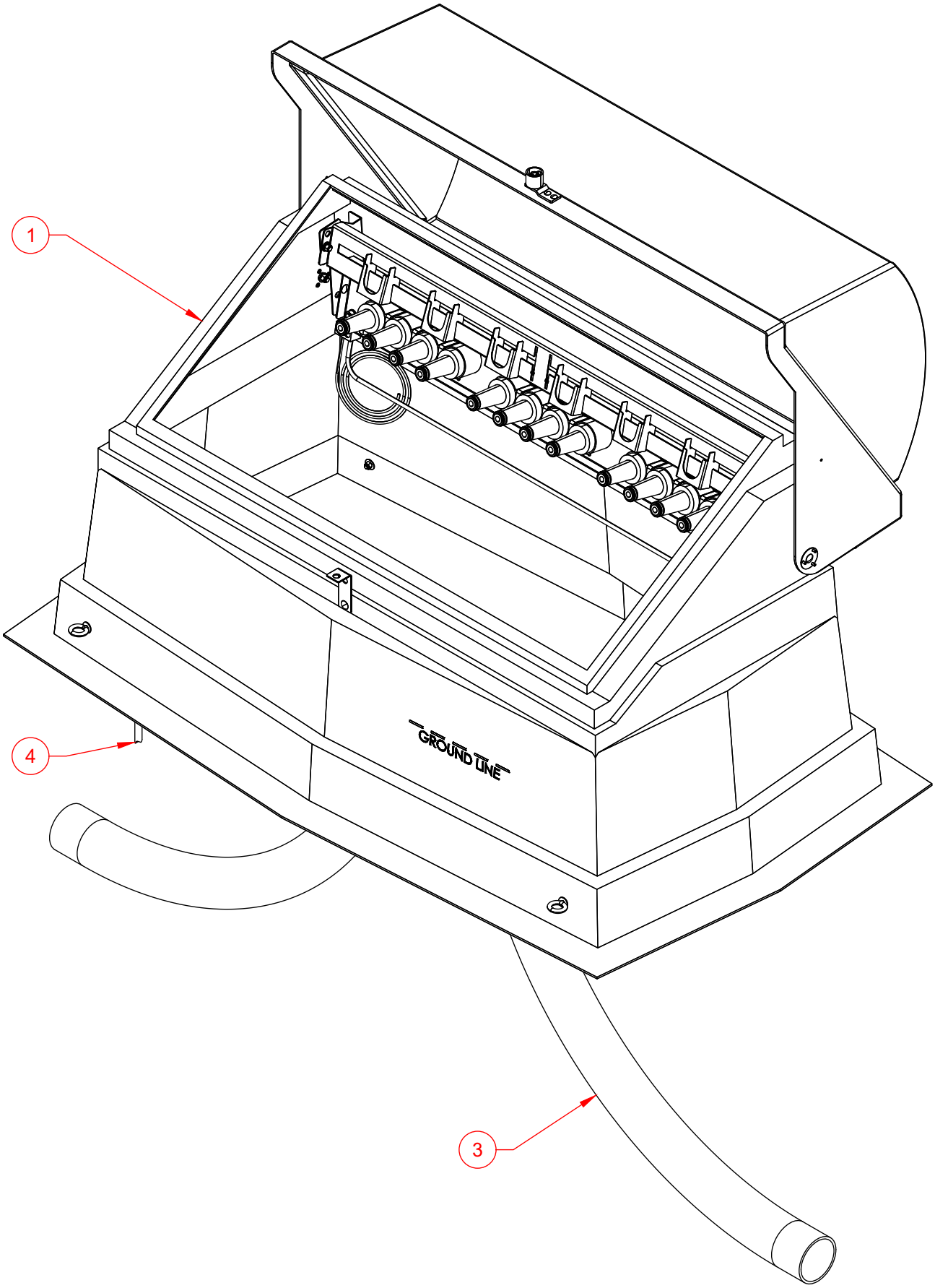
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Sectionalizing Cabinet		Evergy	Customer	Evergy
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Single Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Grounding Electrode		Customer	Customer	Customer
5	Gravel AB3		Customer	Customer	Customer



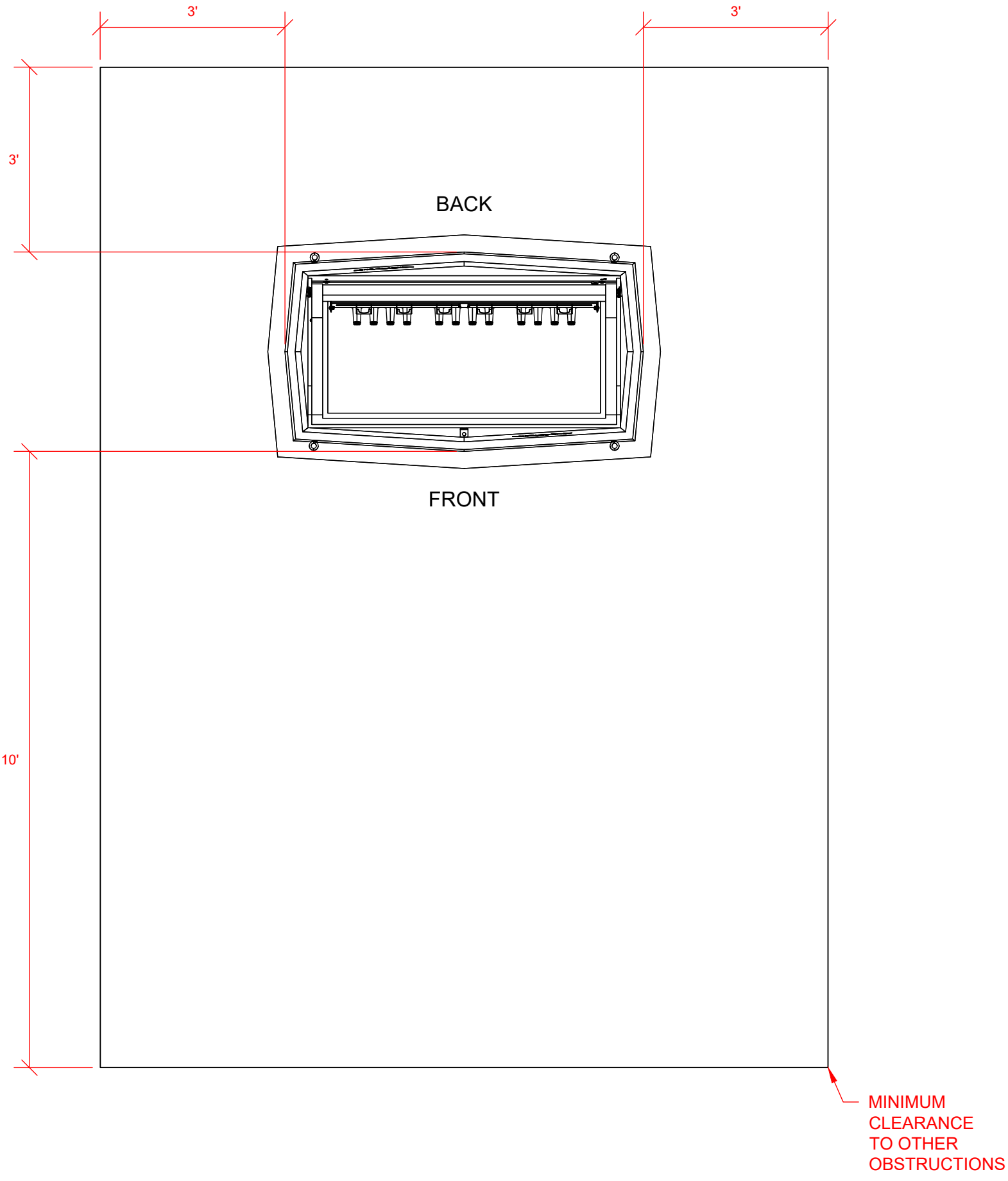
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 3P 200 AMP SURFACE MOUNT 15KV	**9550.42-321** **Sheet 1 of 5**

CONDUIT WINDOW



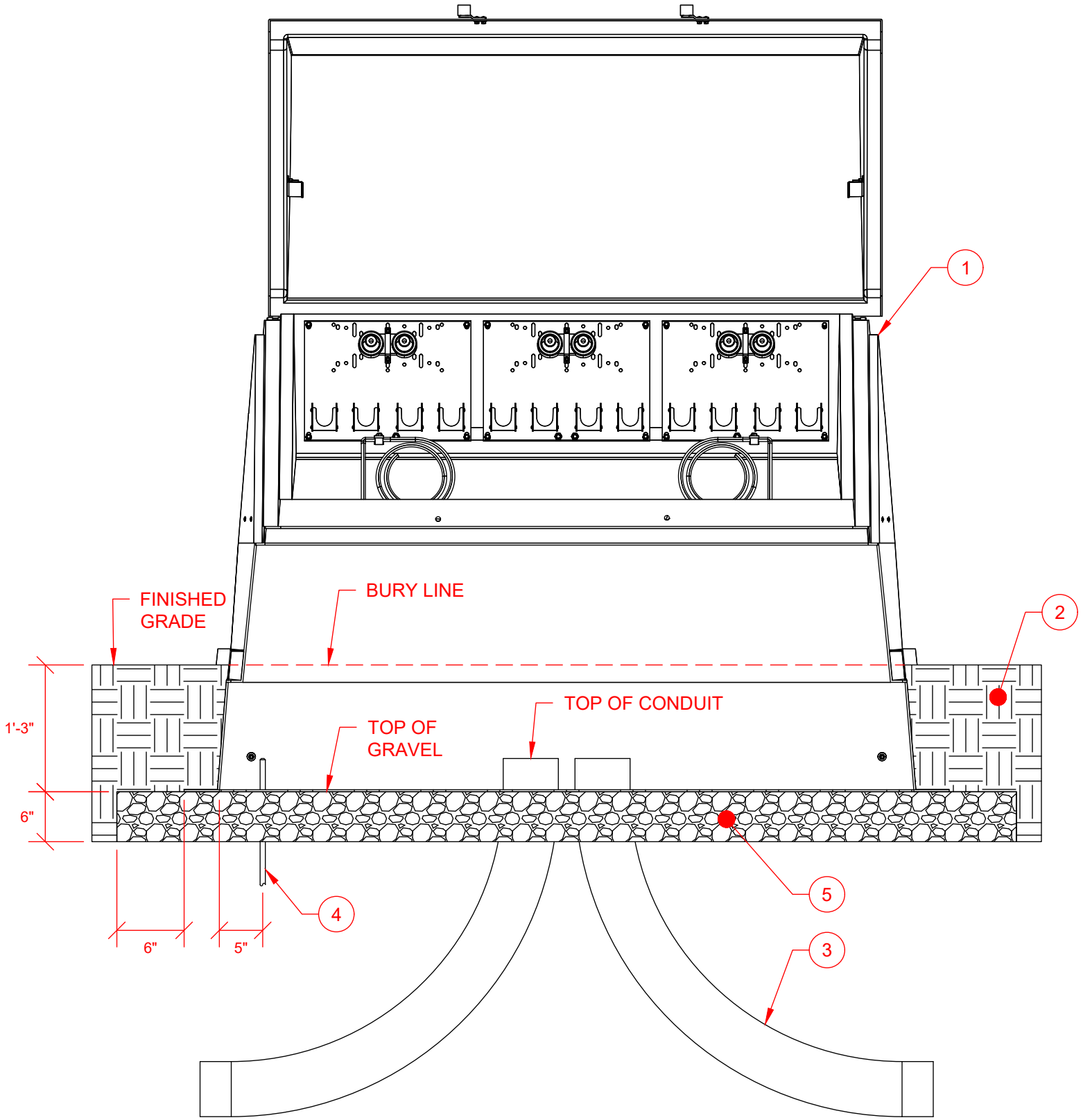


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 3P 200 AMP SURFACE MOUNT 15KV	**9550.42-321** **Sheet 3 of 5**



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 3P 200 AMP SURFACE MOUNT 15KV	**9550.42-321** **Sheet 4 of 5**

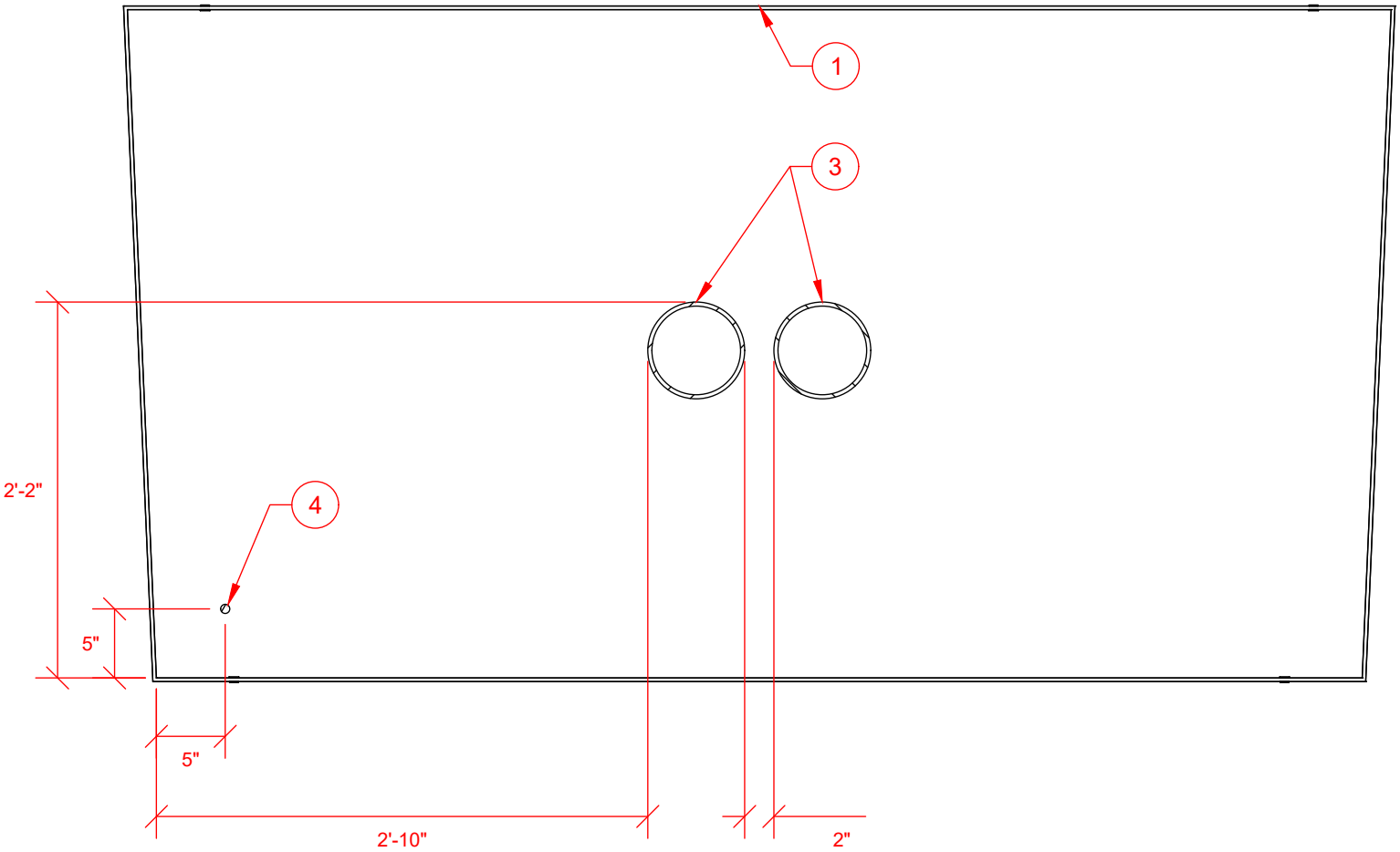
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Sectionalizing Cabinet		Evergy	Customer	Evergy
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Three Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Grounding Electrode		Customer	Customer	Customer
5	Gravel AB3		Customer	Customer	Customer



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 3P 600 AMP SURFACE MOUNT 15KV	**9550.42-361** **Sheet 1 of 5**

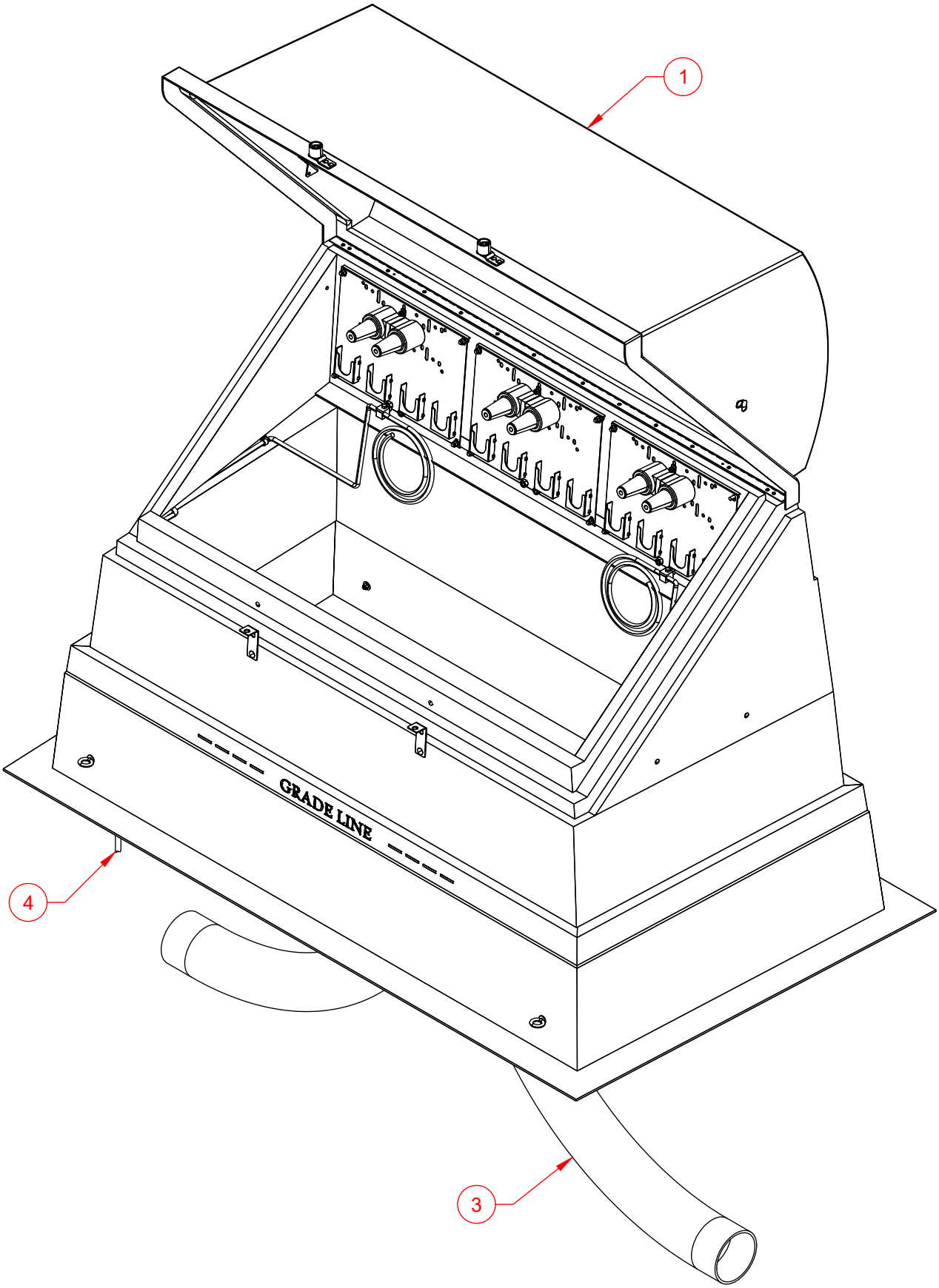
CONDUIT WINDOW

BACK

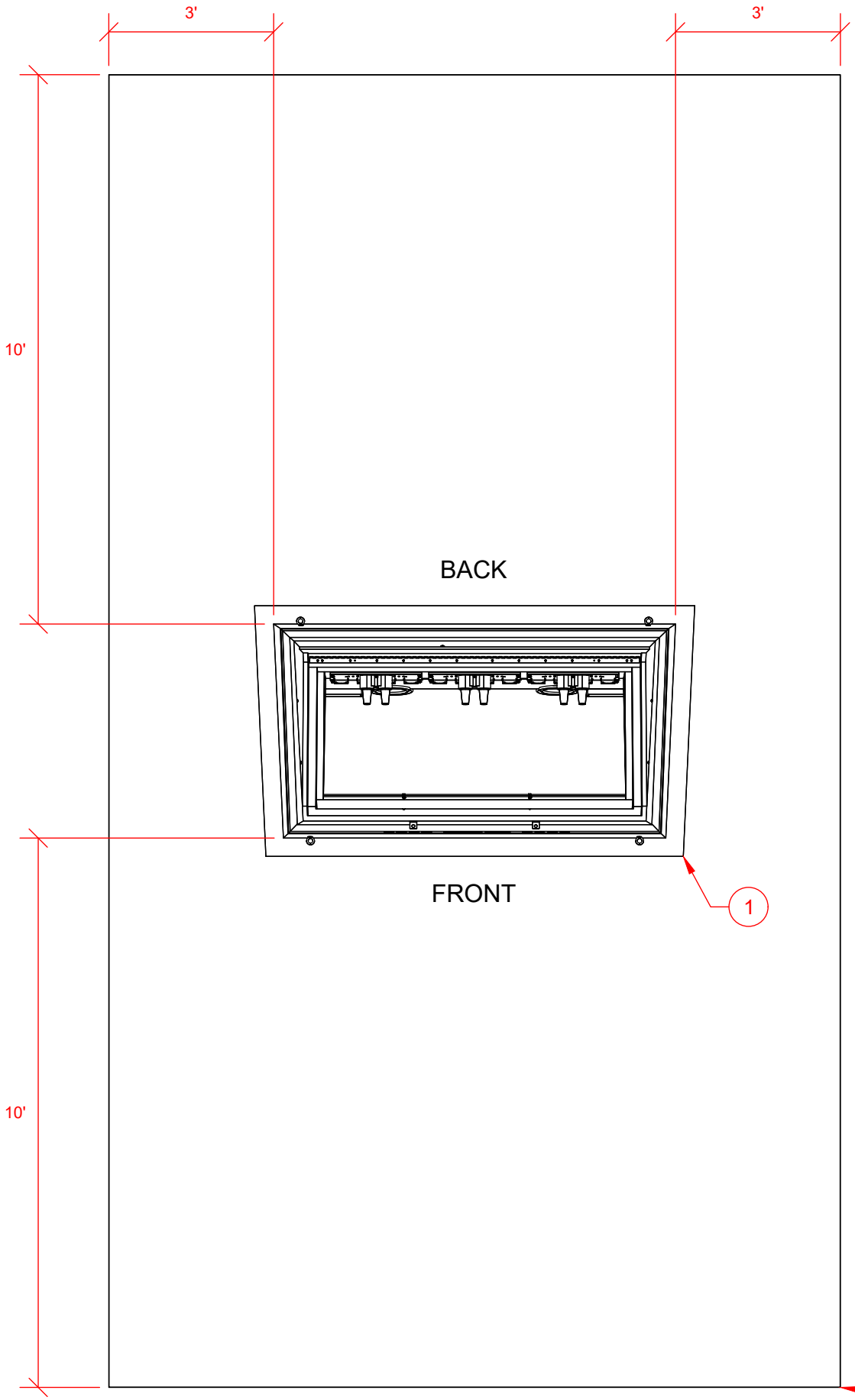


FRONT

evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 3P 600 AMP SURFACE MOUNT 15KV	**9550.42-361** **Sheet 2 of 5**

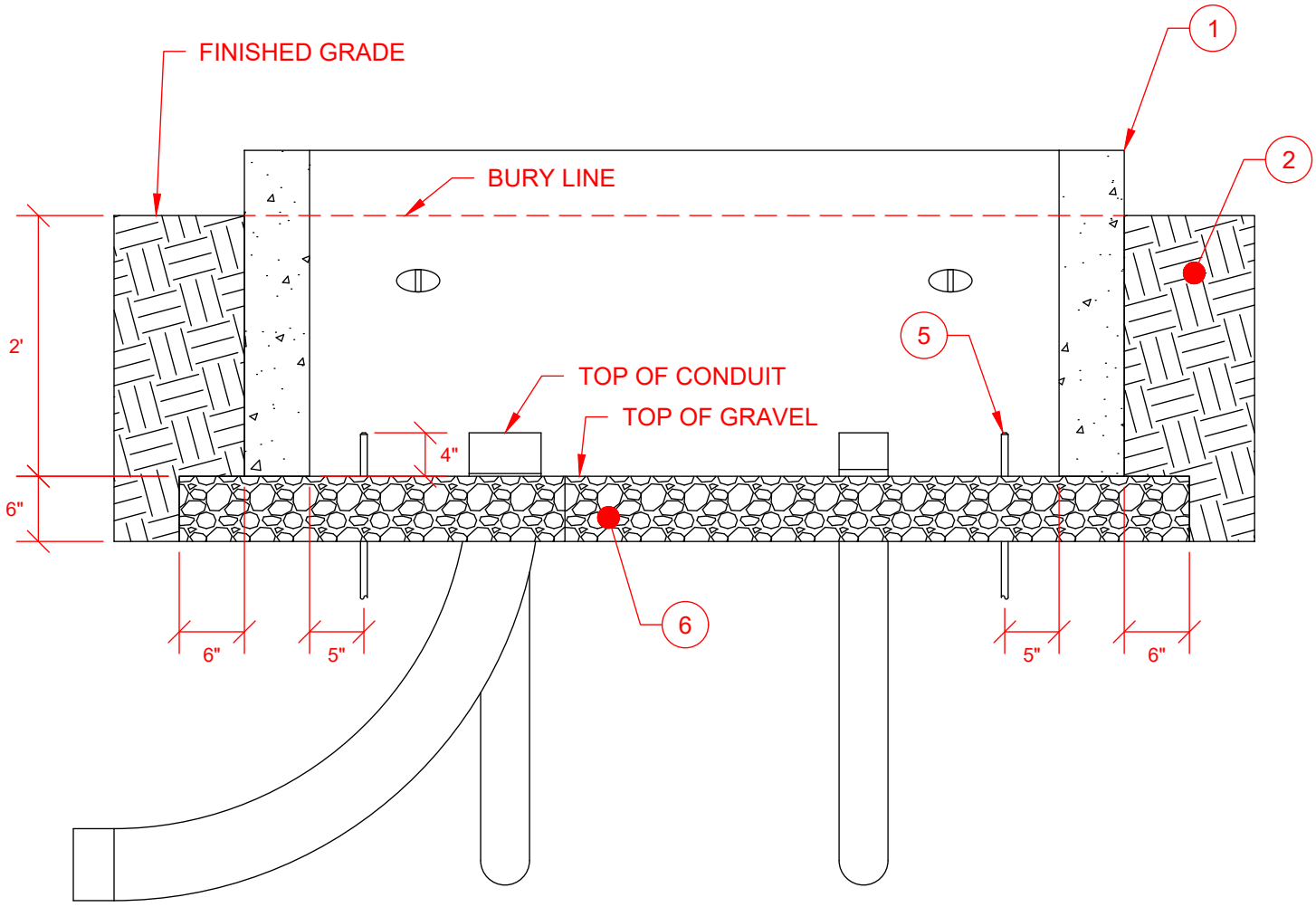


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 3P 600 AMP SURFACE MOUNT 15KV	**9550.42-361** **Sheet 3 of 5**



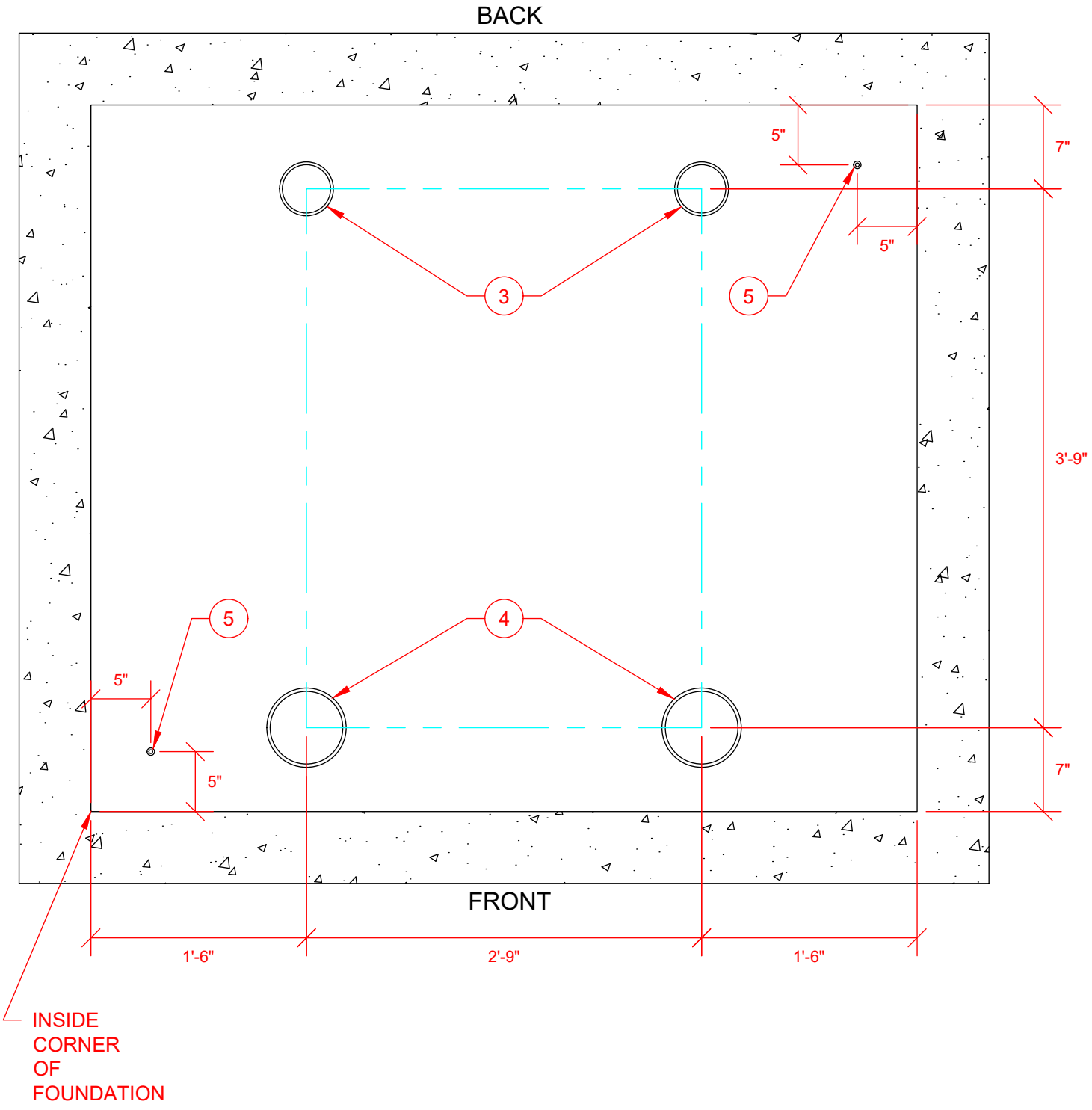
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/05/2026	PFD EQUIPMENT SECTIONALIZING CABINET 3P 600 AMP SURFACE MOUNT 15KV	**9550.42-361** **Sheet 4 of 5**

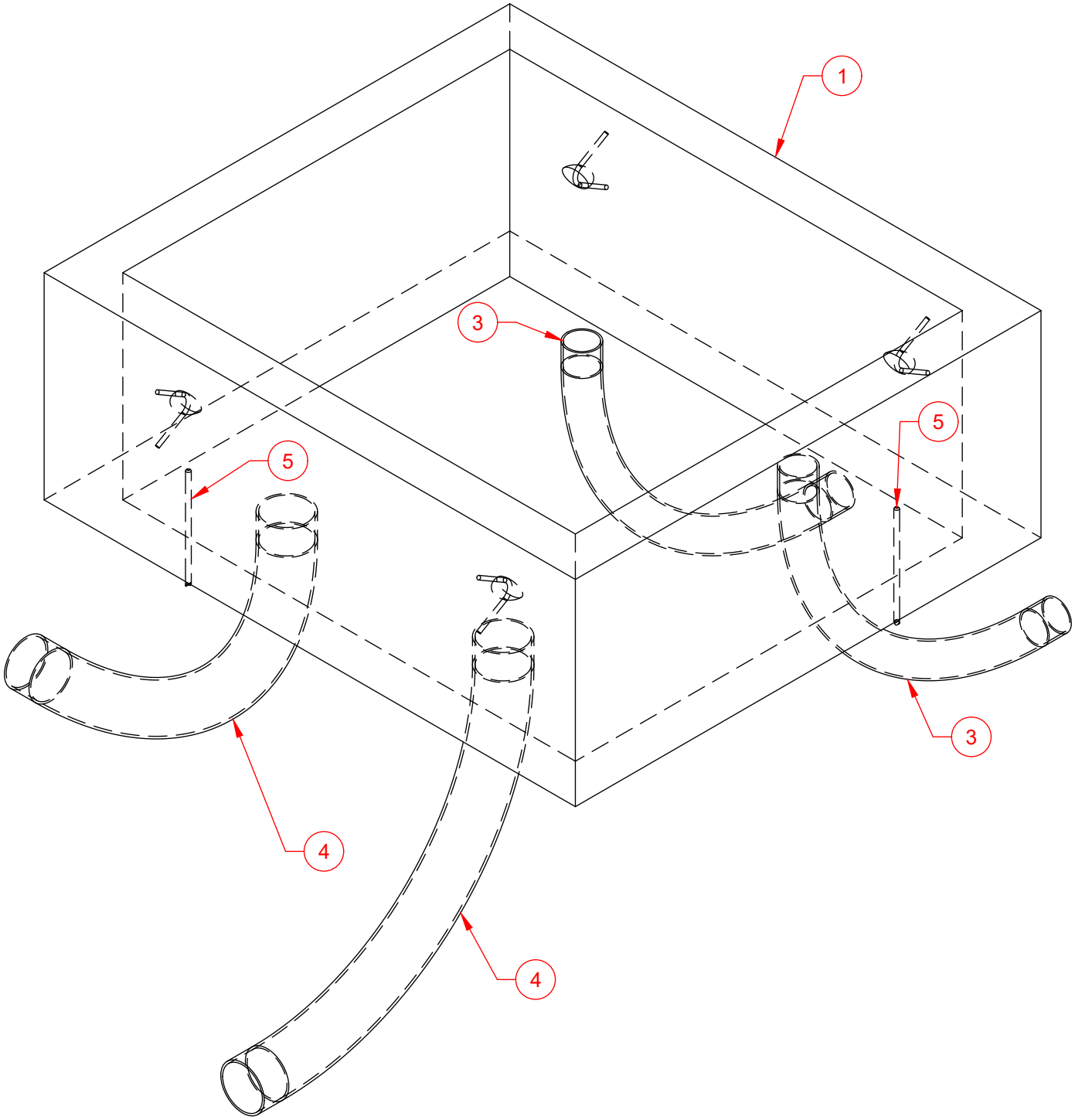
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Sectionalizing Cabinet		Evergy	Customer	Evergy
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Feeder Conduit.	Customer (Initial)	Customer	Evergy
4	Grounding Electrode		Customer	Customer	Customer
5	Gravel AB3		Customer	Customer	Customer



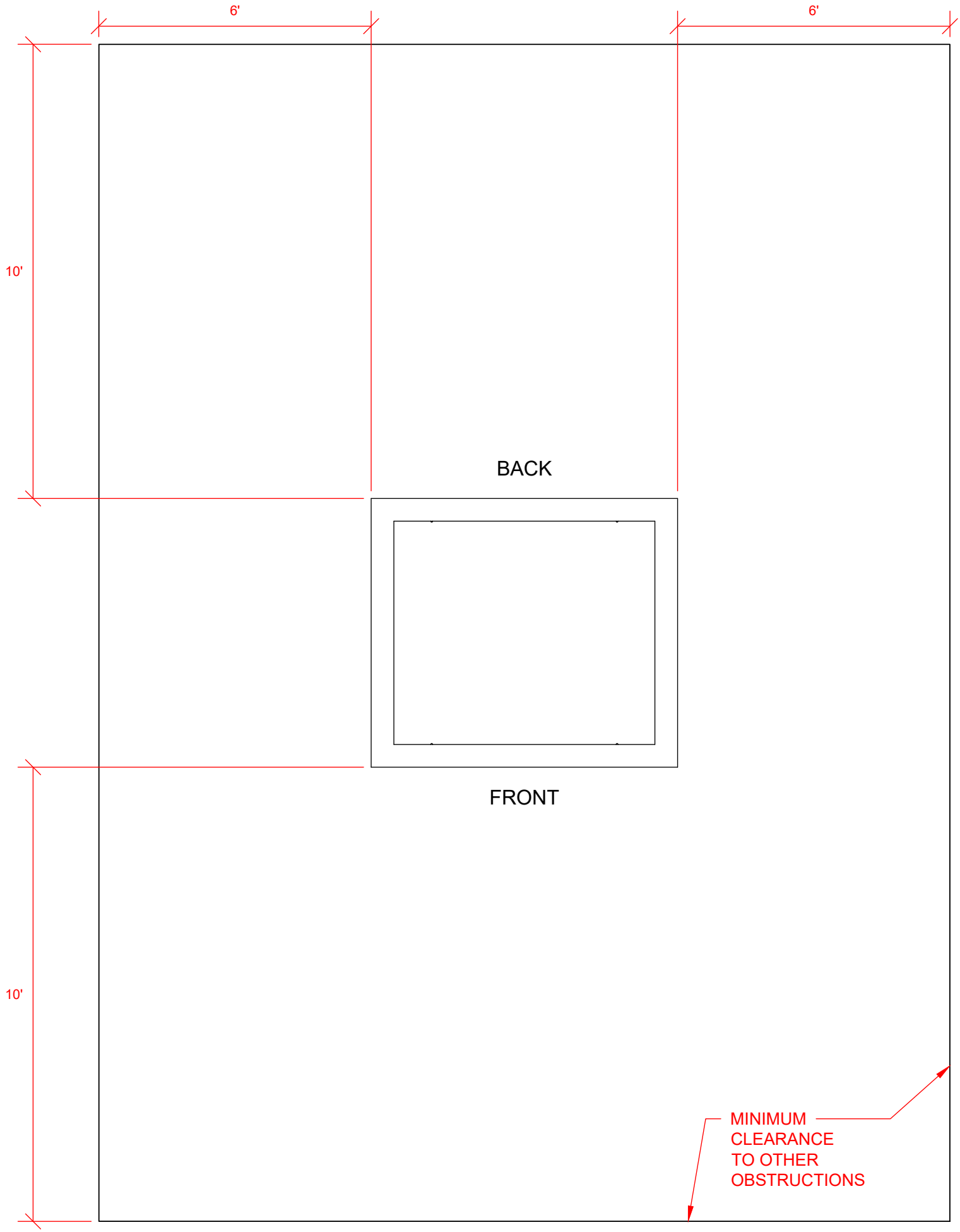
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 03/10/2026	PFD EQUIPMENT SWITCHGEAR AIR INSULATED STYLE 9 MANUAL 15KV	**9550.53-091** **Sheet 1 of 5**

CONDUIT WINDOW



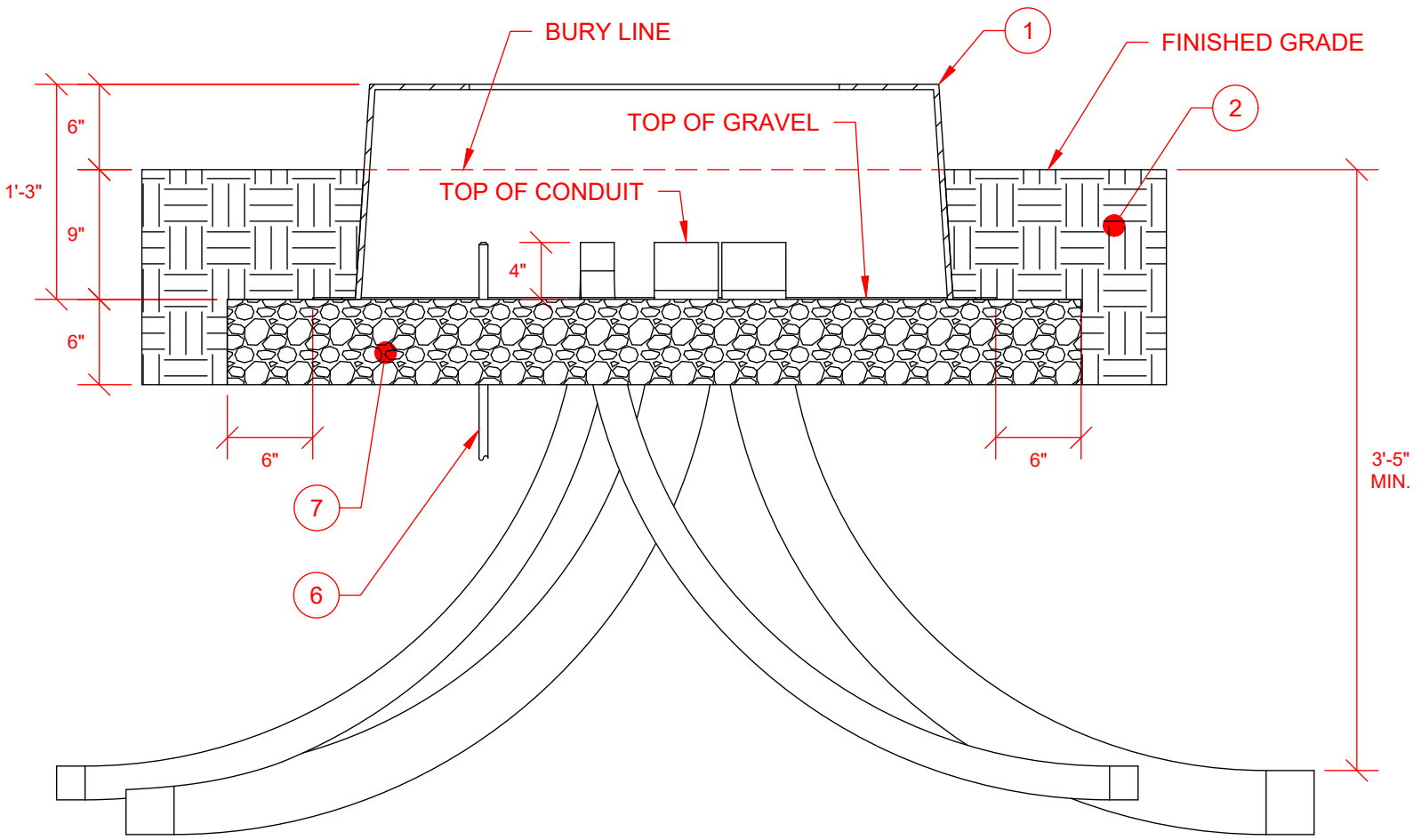


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 03/10/2026	PFD EQUIPMENT SWITCHGEAR AIR INSULATED STYLE 9 MANUAL 15KV	**9550.53-091** **Sheet 3 of 5**



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 03/10/2026	PFD EQUIPMENT SWITCHGEAR AIR INSULATED STYLE 9 MANUAL 15KV	**9550.53-091** **Sheet 4 of 5**

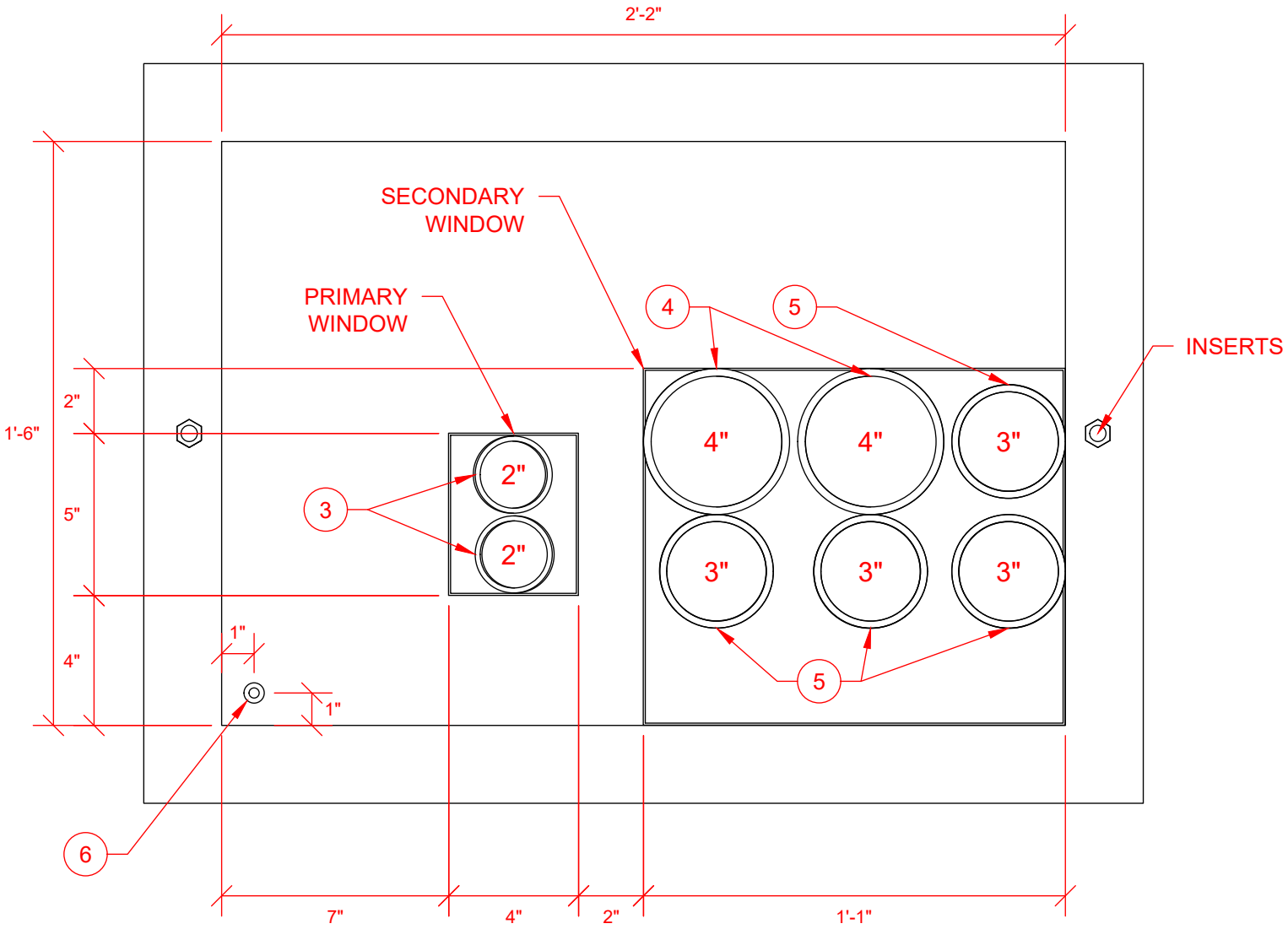
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Switchgear		Evergy	Customer	Evergy
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Three Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Feeder Conduit.	Customer (Initial)	Customer	Evergy
5	Grounding Electrode		Customer	Customer	Customer
6	Gravel AB3		Customer	Customer	Customer



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P <= 75 KVA FIBERGLASS	**9550.57-111** **Sheet 1 of 5**

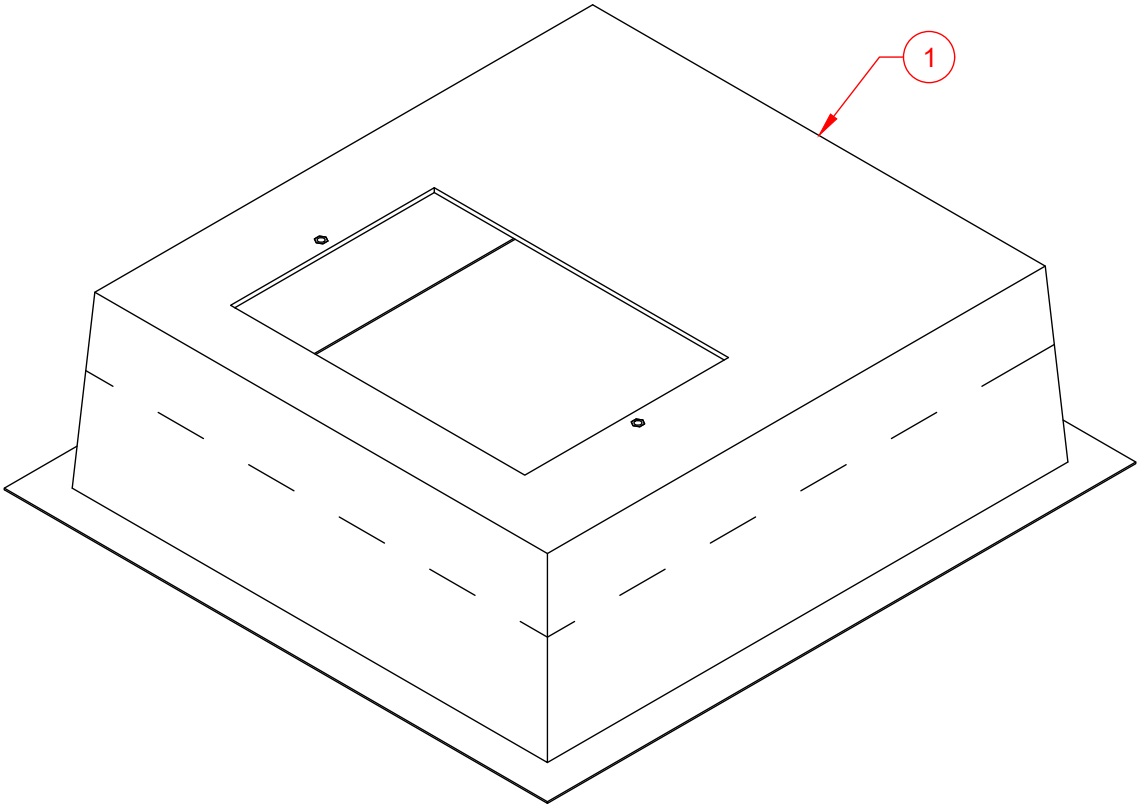
CONDUIT WINDOW

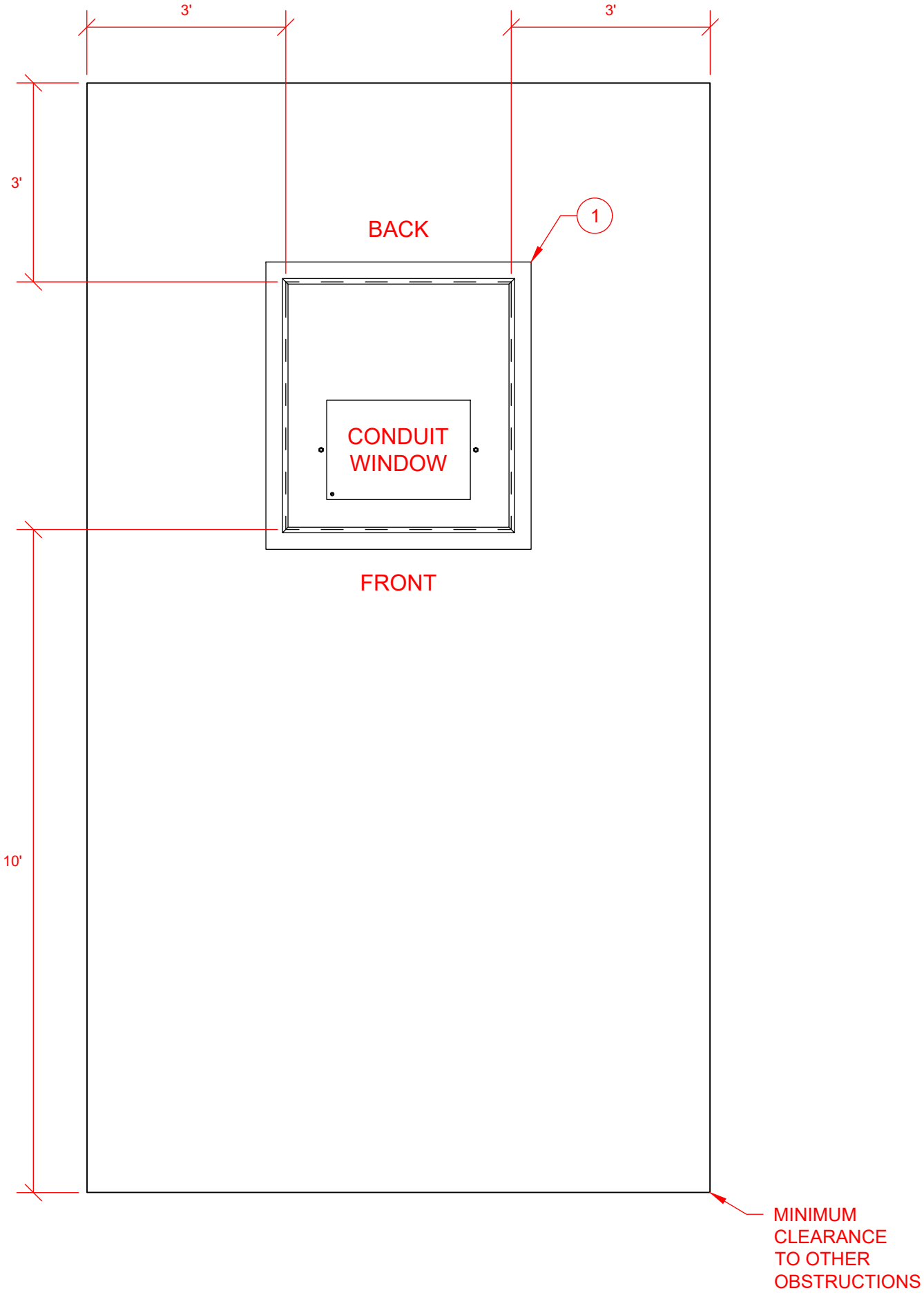
BACK



FRONT

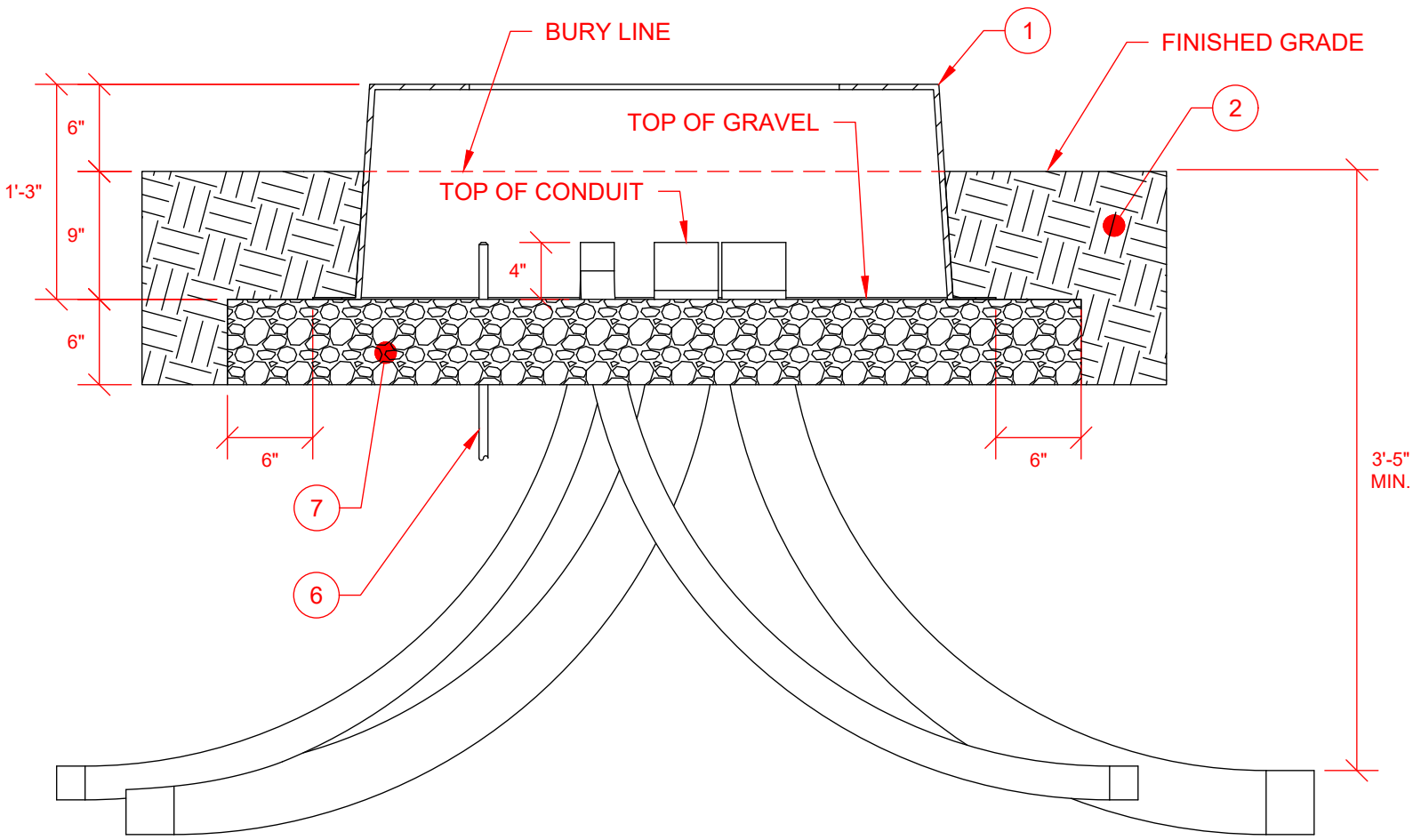
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P <= 75 KVA FIBERGLASS	**9550.57-111** Sheet 2 of 5


1



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P <= 75 KVA FIBERGLASS	**9550.57-111** **Sheet 4 of 5**

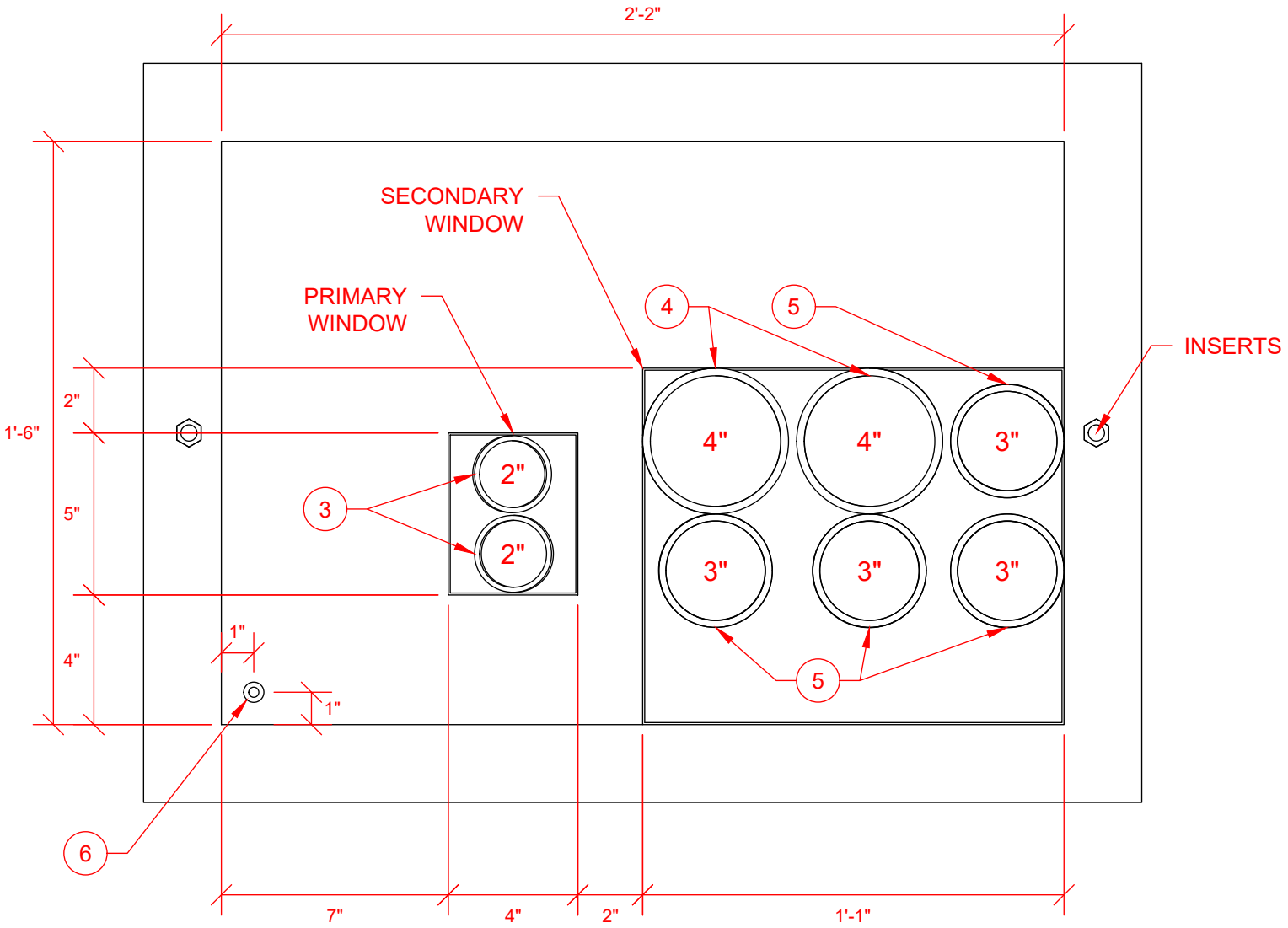
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Evergy	Customer	Evergy
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Single Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Secondary Conduit.	Customer (Initial)	Customer	Evergy
5	Bend Conduit	• Service Conduit.	Customer	Customer	Customer
6	Grounding Electrode		Customer	Customer	Customer
7	Gravel AB3		Customer	Customer	Customer



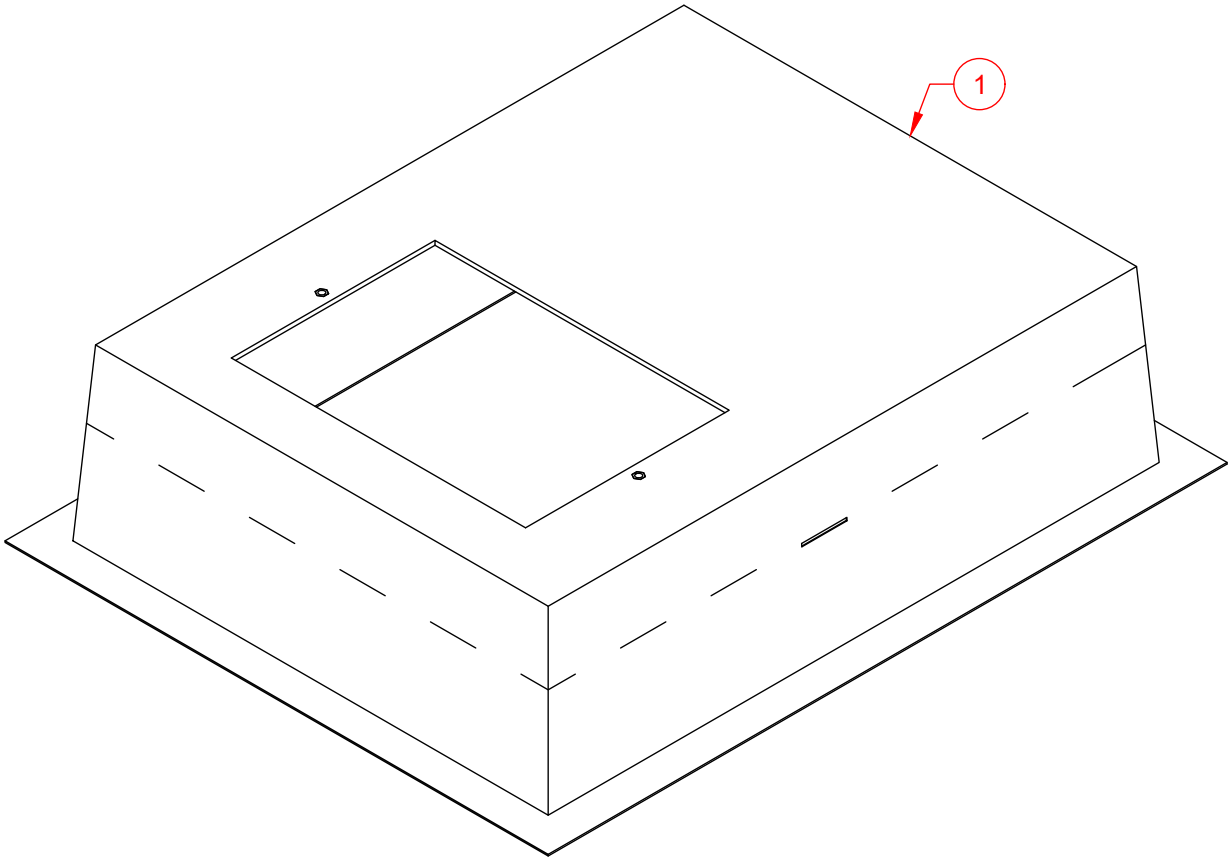
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P 100 TO 167 KVA FIBERGLASS	**9550.57-121** Sheet 1 of 5

CONDUIT WINDOW

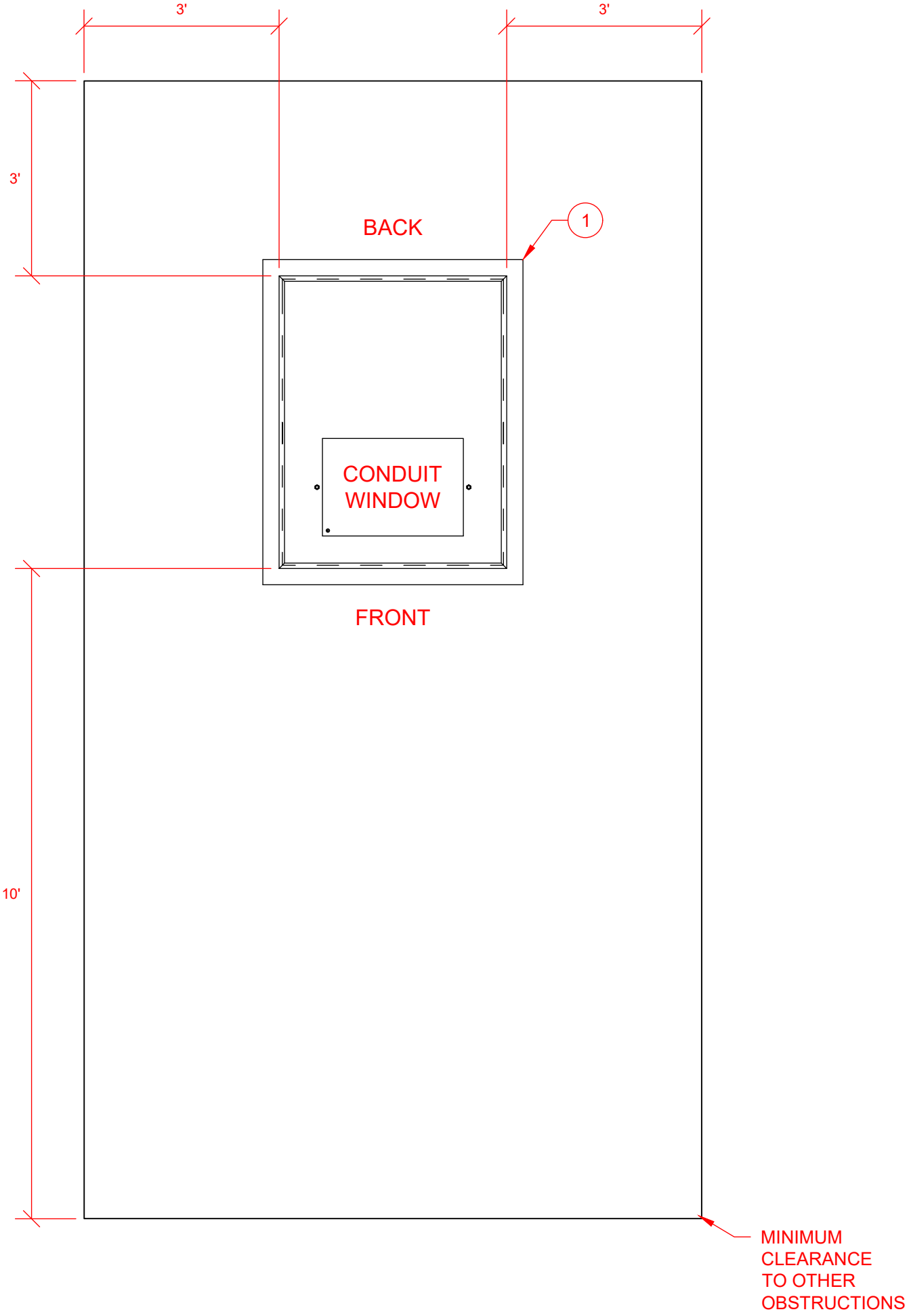
BACK



FRONT

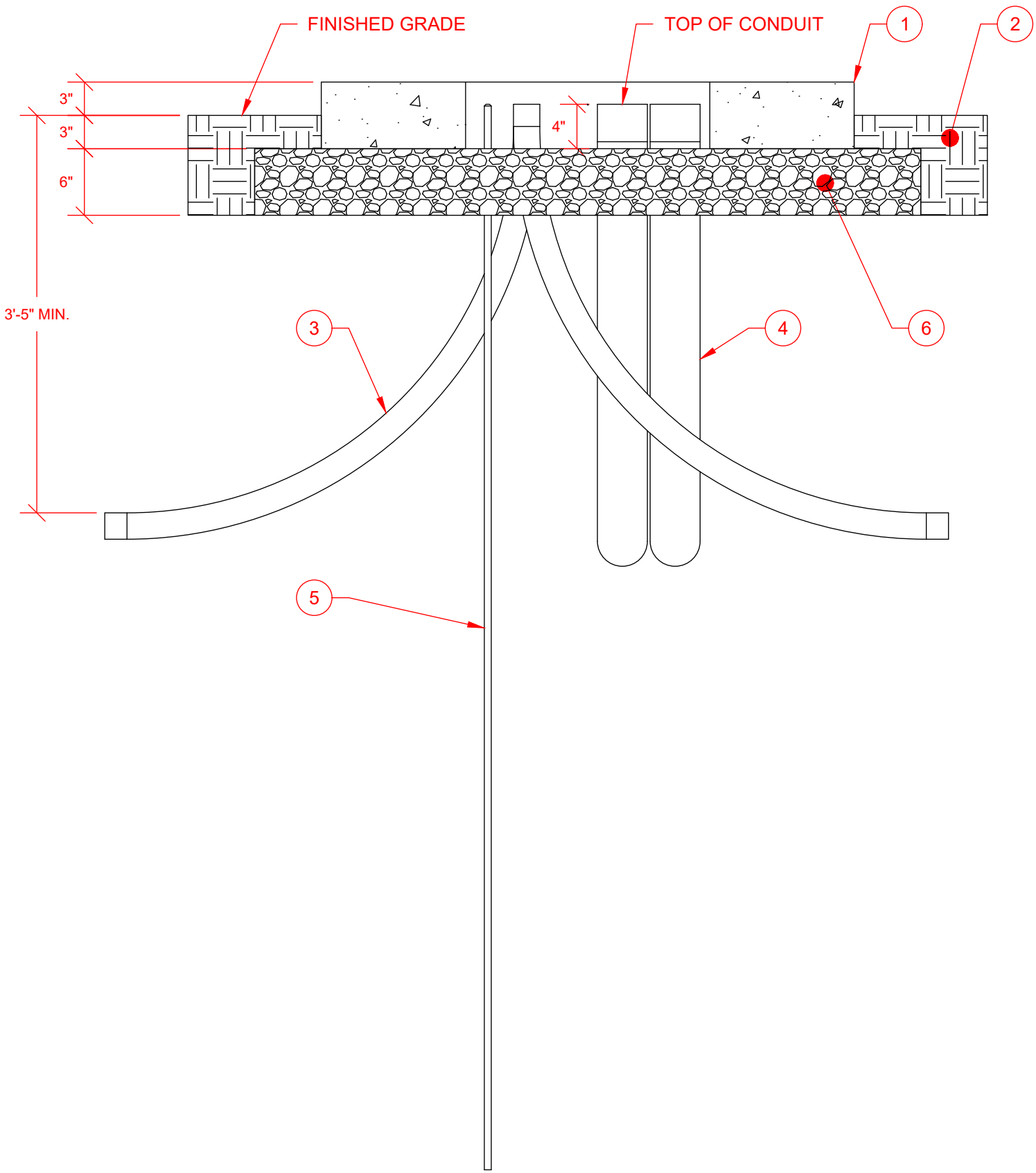


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P 100 TO 167 KVA FIBERGLASS	**9550.57-121** **Sheet 3 of 5**



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P 100 TO 167 KVA FIBERGLASS	**9550.57-121** **Sheet 4 of 5**

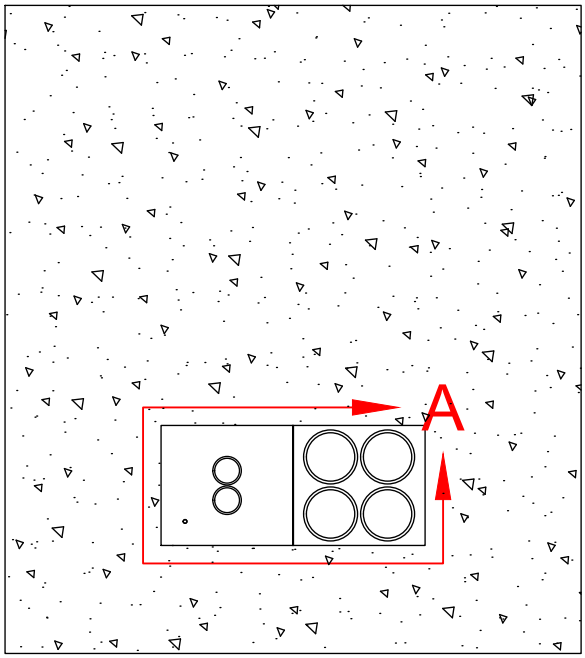
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Evergy	Customer	Evergy
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Single Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Secondary Conduit.	Customer (Initial)	Customer	Evergy
5	Bend Conduit	• Service Conduit.	Customer	Customer	Customer
6	Grounding Electrode		Customer	Customer	Customer
7	Gravel AB3		Customer	Customer	Customer



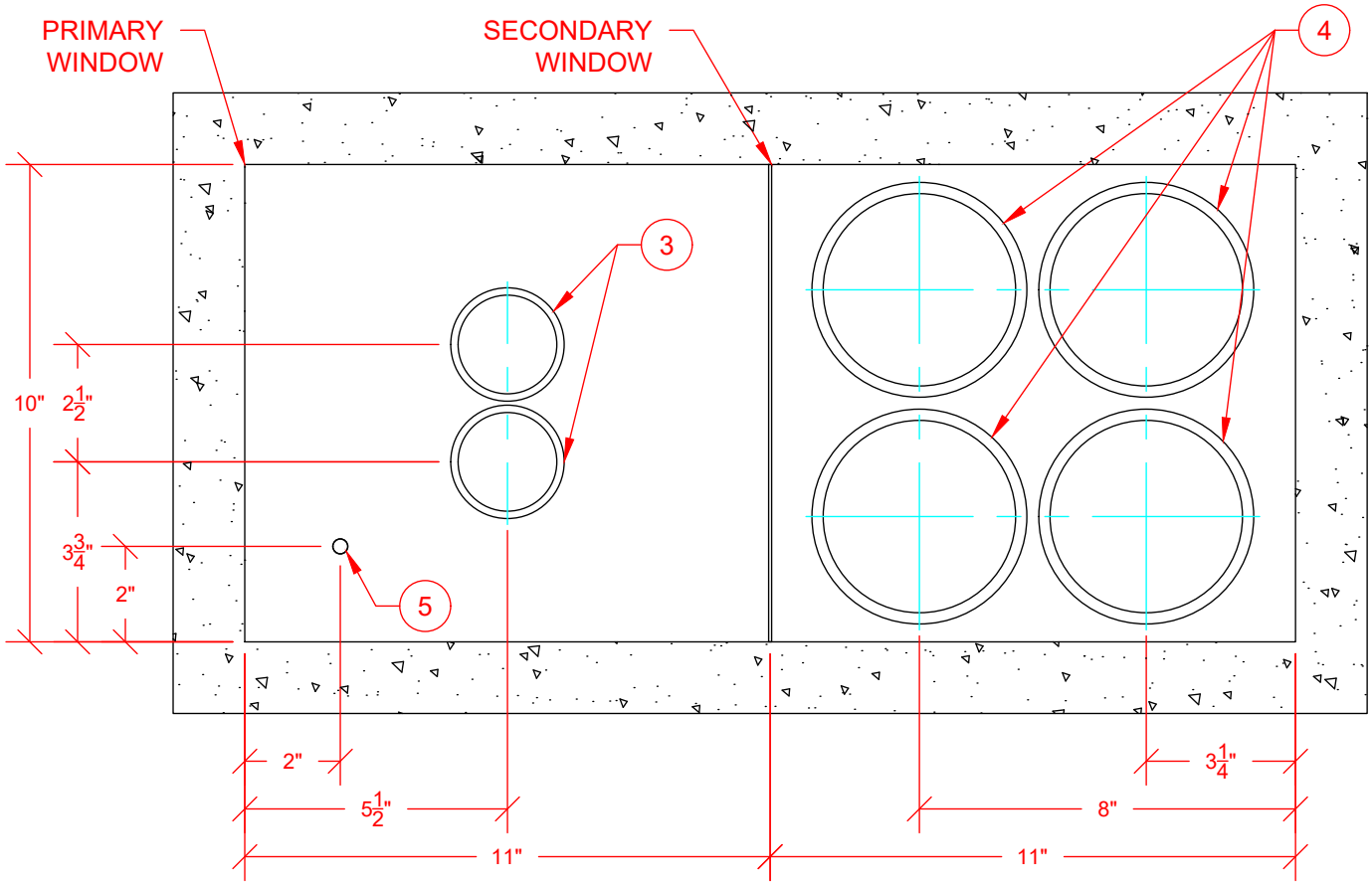
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA PRECAST	**9550.57-132** **Sheet 1 of 5**

CONDUIT WINDOW

BACK

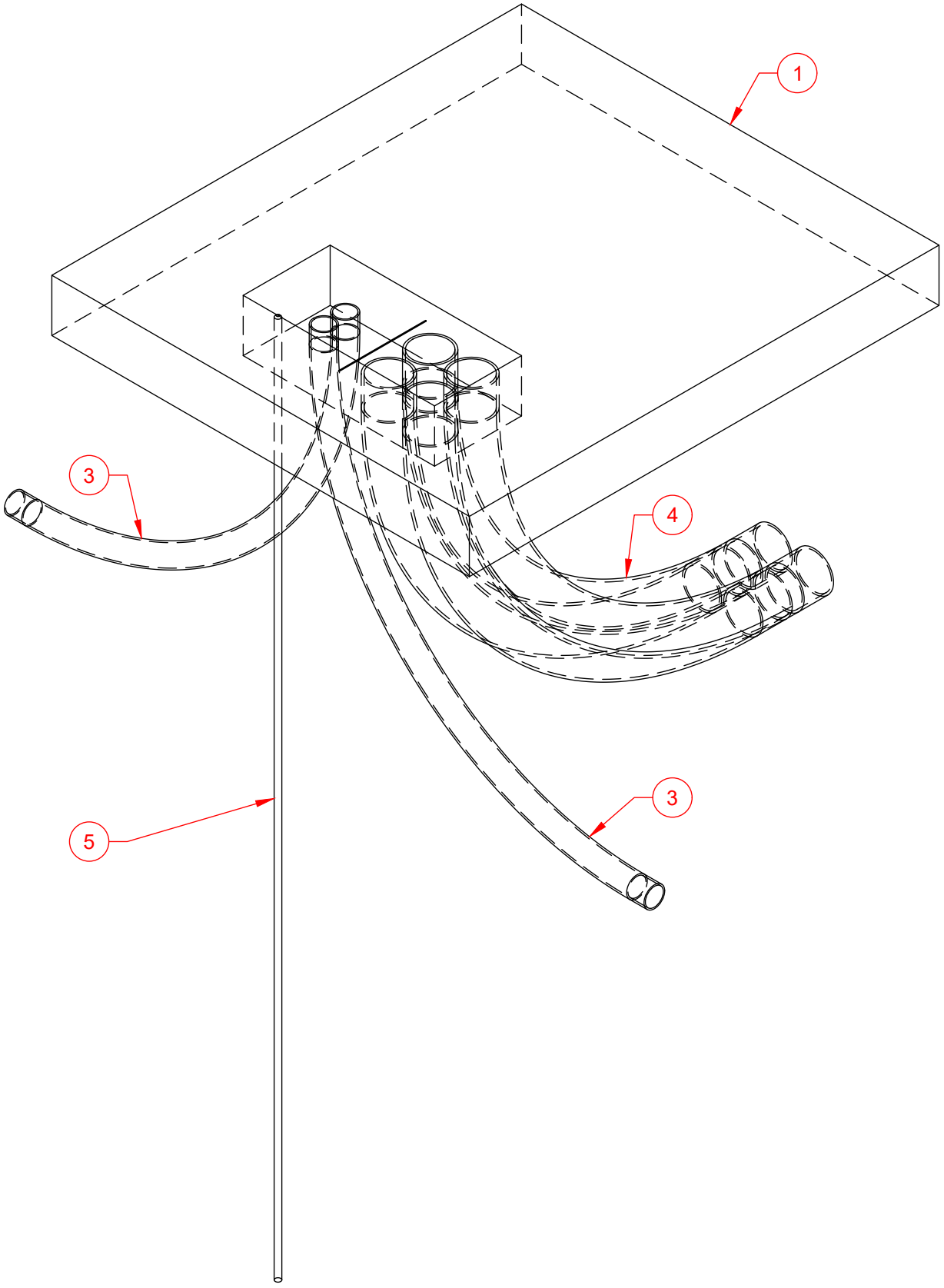


FRONT

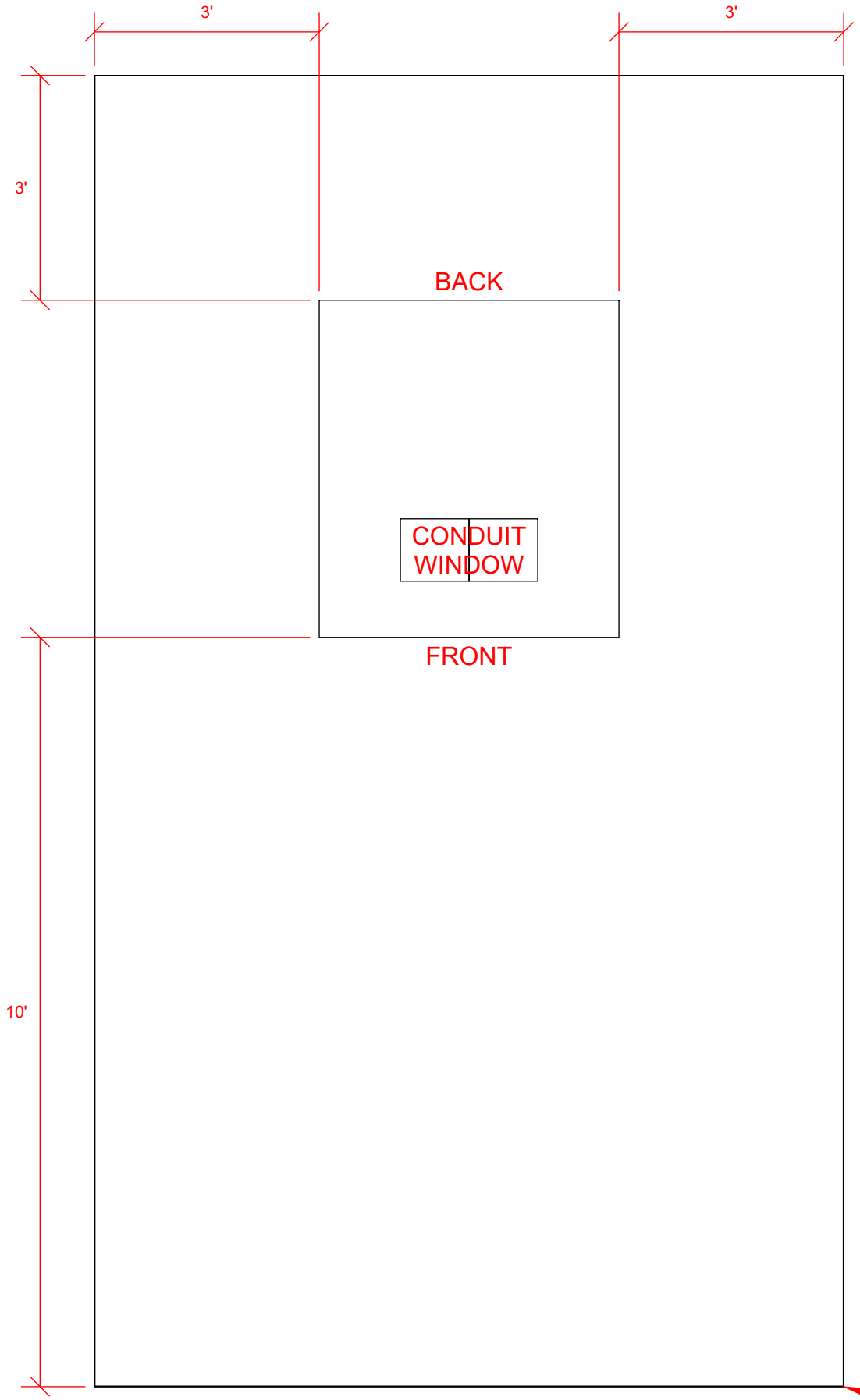


DETAIL A
SCALE 1:4

evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA PRECAST	**9550.57-132** Sheet 2 of 5

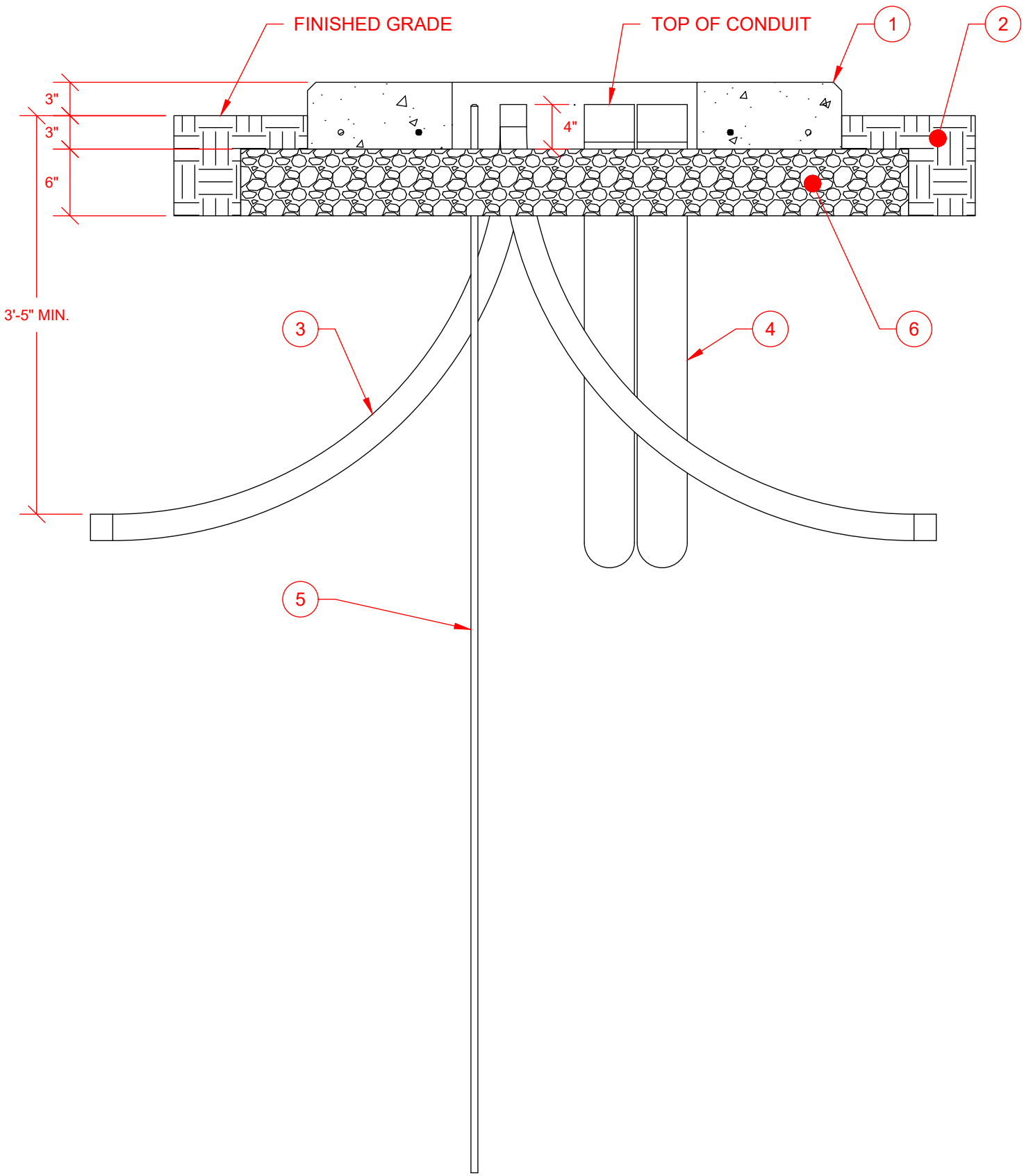


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA PRECAST	**9550.57-132** **Sheet 3 of 5**



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA PRECAST	**9550.57-132** **Sheet 4 of 5**

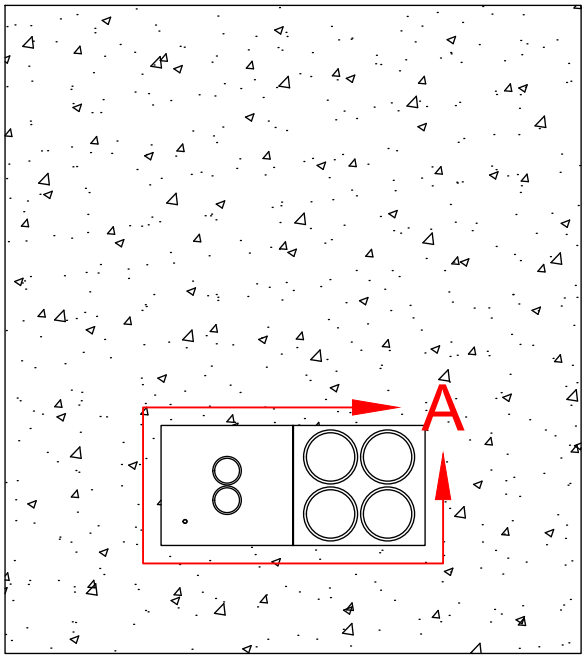
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Customer	Customer	Customer
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Single Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Service Conduit.	Customer	Customer	Customer
5	Grounding Electrode		Customer	Customer	Customer
6	Gravel AB3		Customer	Customer	Customer



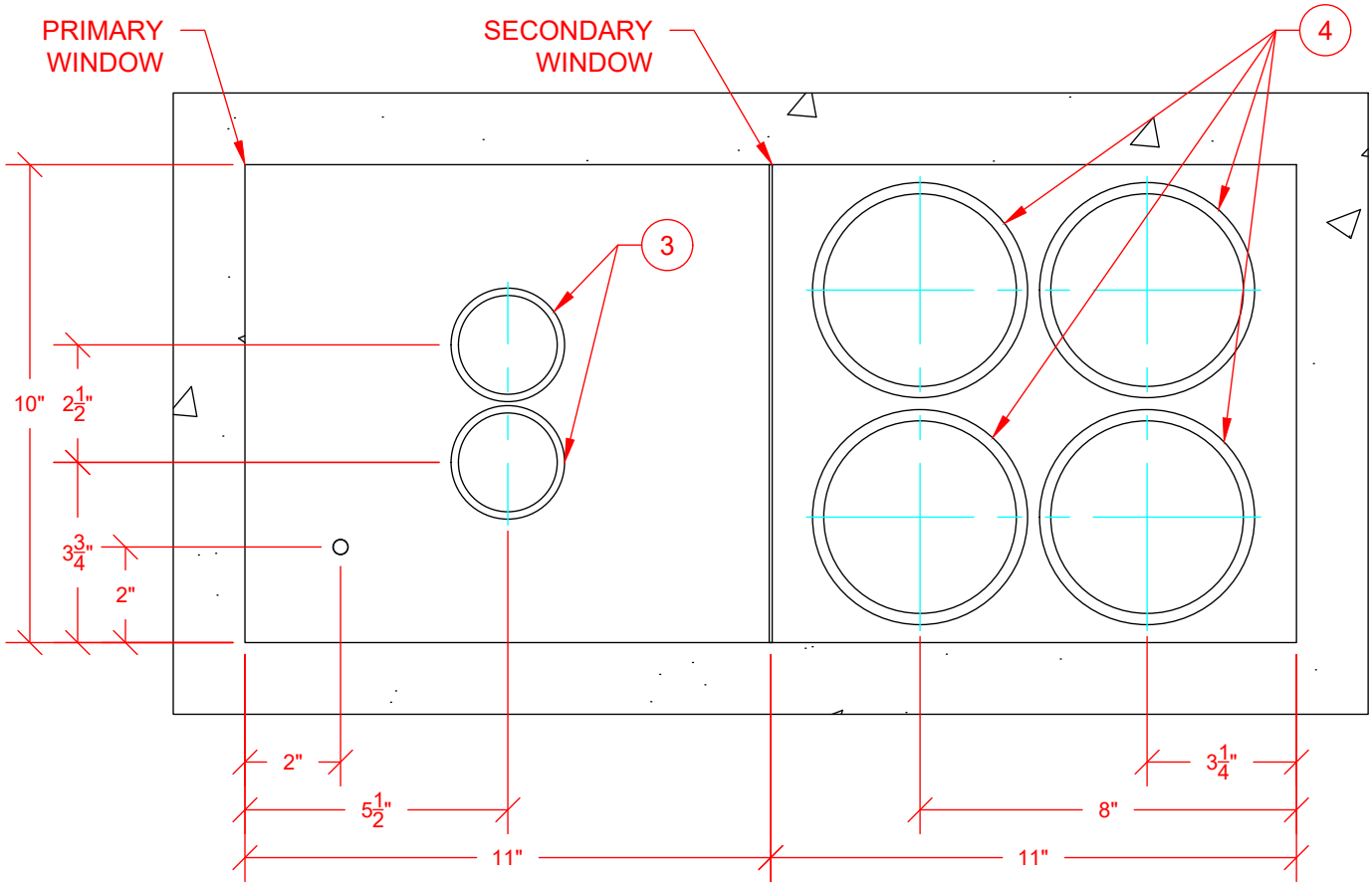
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA POUR IN PLACE	**9550.57-133** **Sheet 1 of 6**

CONDUIT WINDOW

BACK

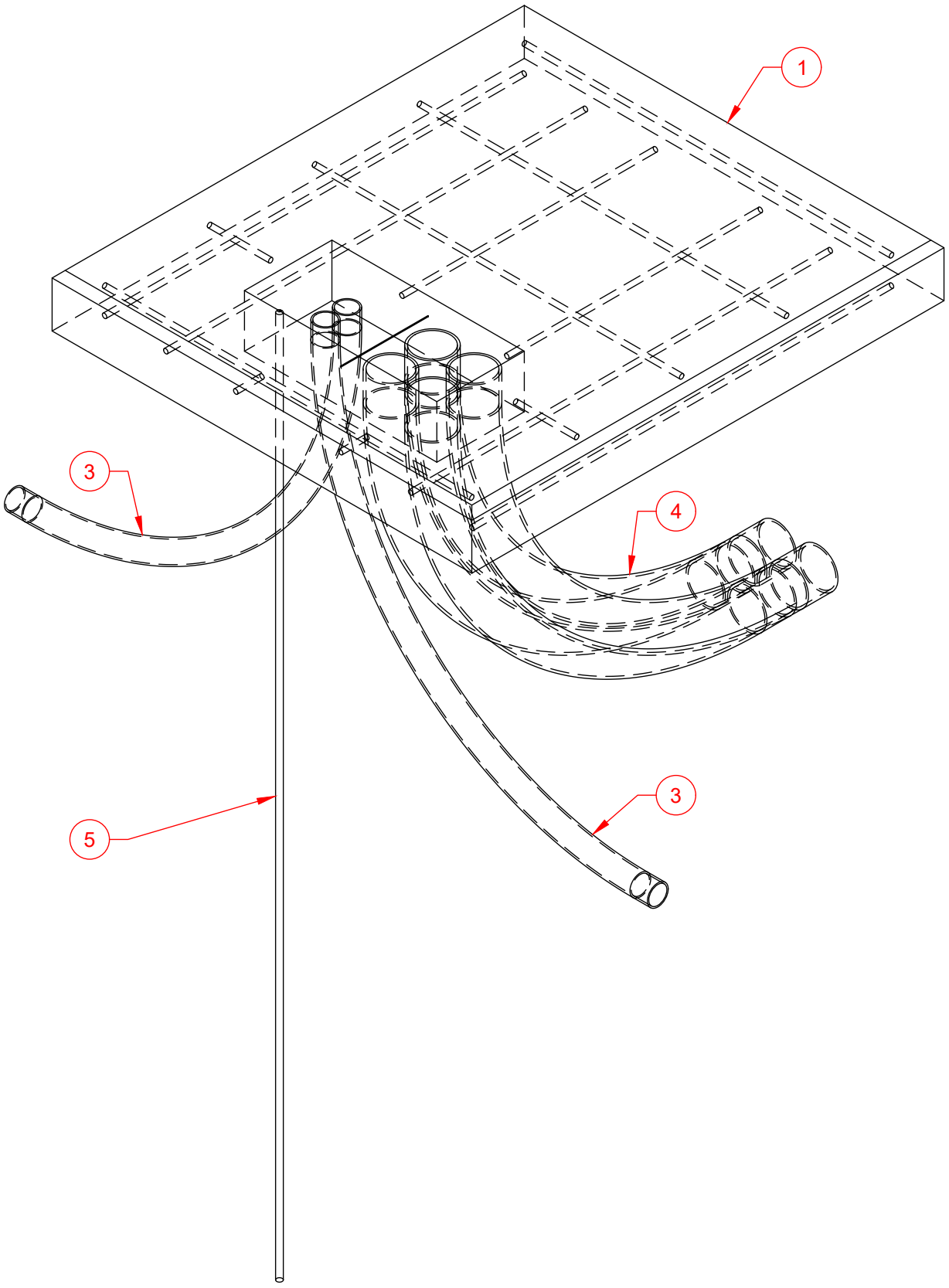


FRONT

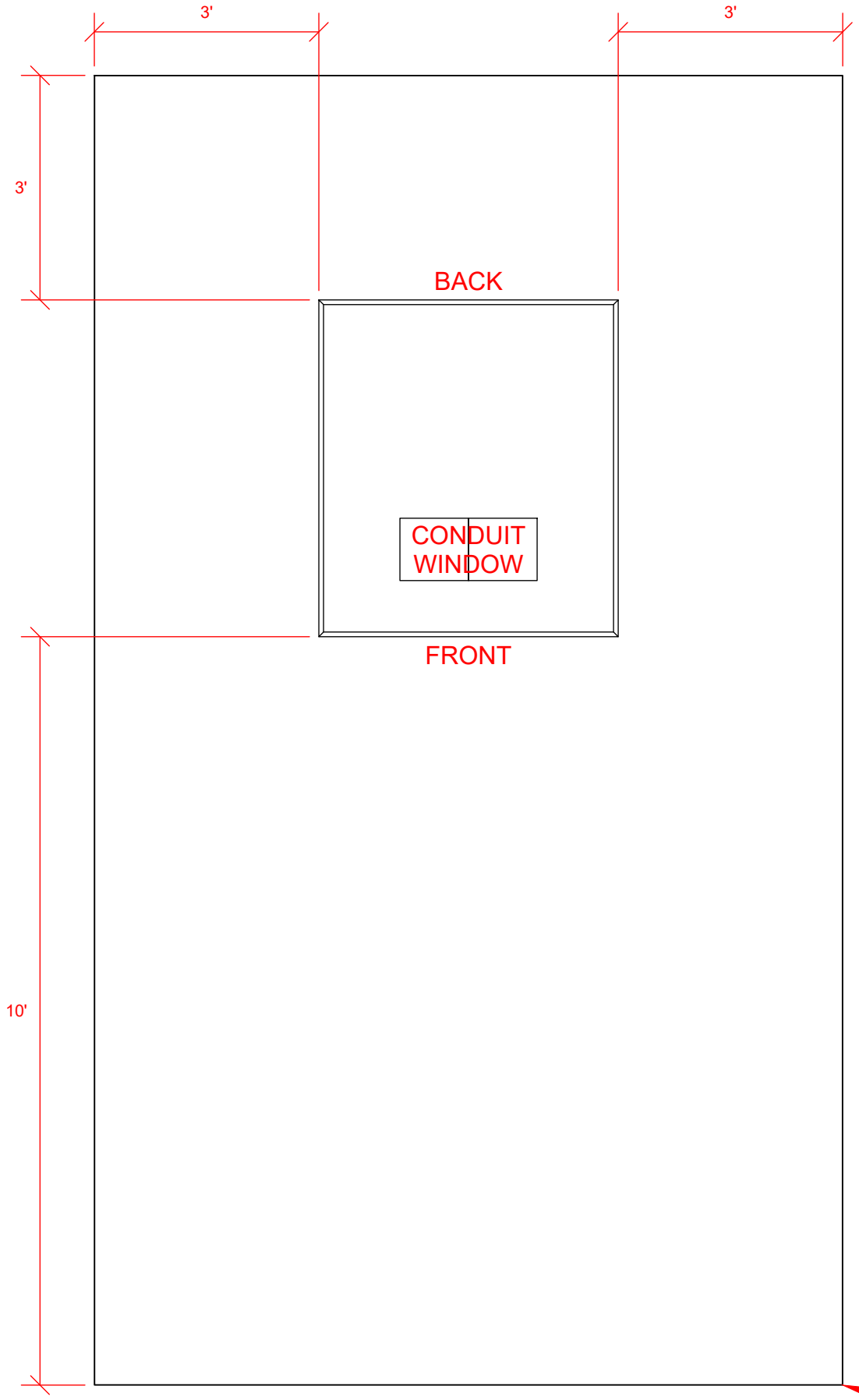


DETAIL A
SCALE 1:4

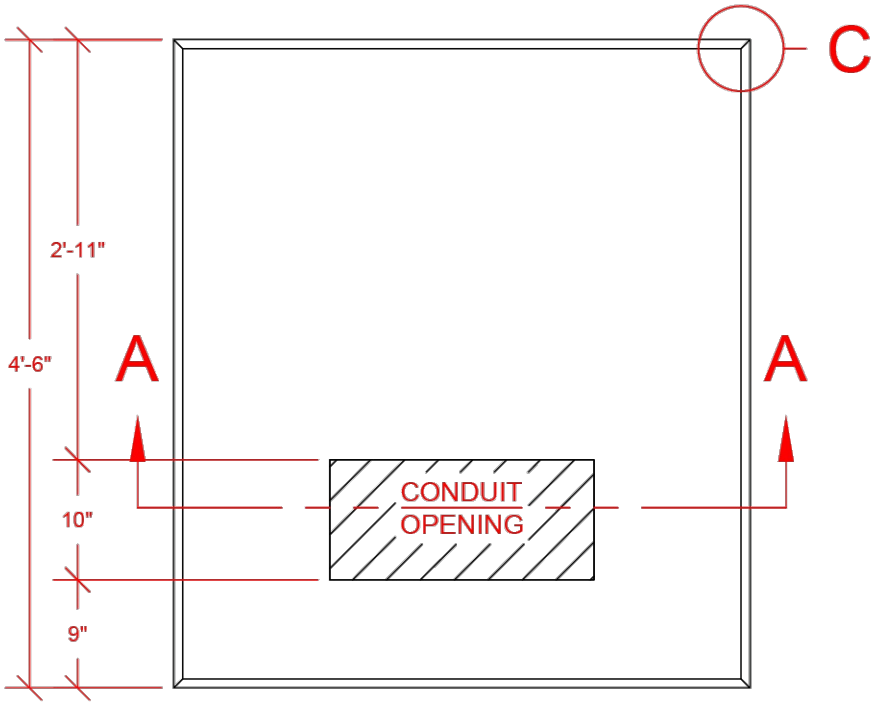
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA POUR IN PLACE	**9550.57-133** Sheet 2 of 6

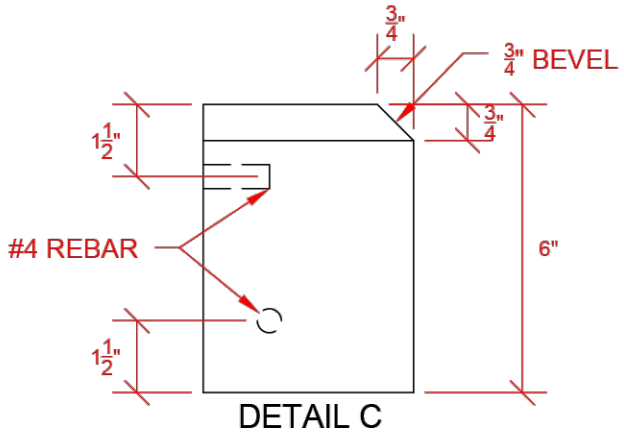


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA POUR IN PLACE	**9550.57-133** **Sheet 3 of 6**

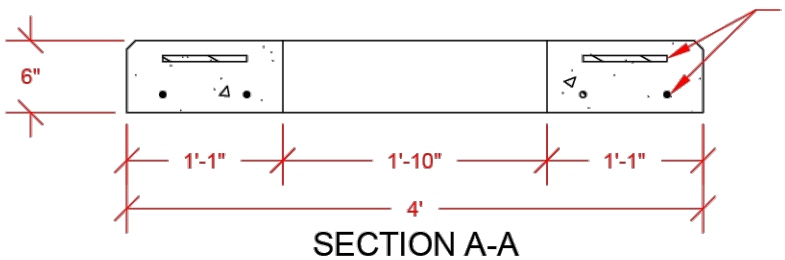


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA POUR IN PLACE	**9550.57-133** **Sheet 4 of 6**



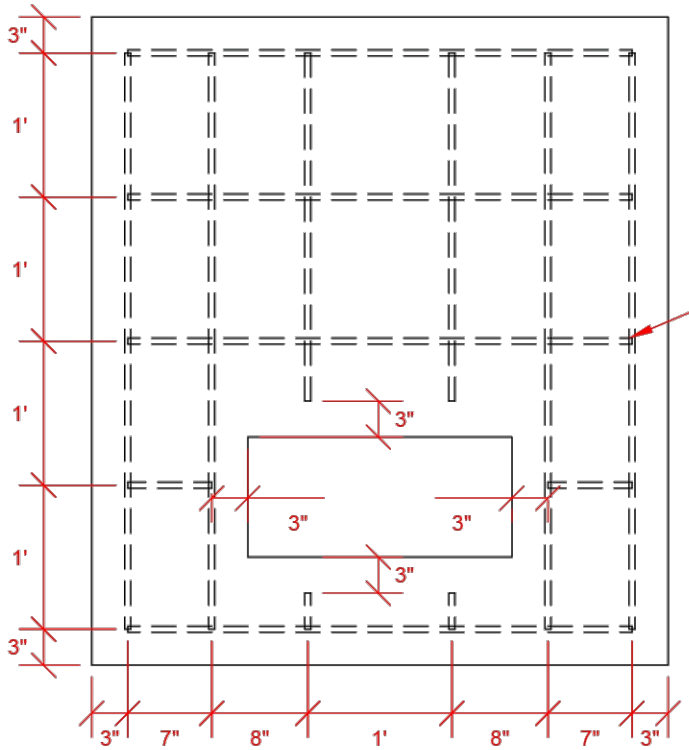


DETAIL C
SCALE 1:4



#4 REBAR
LOCATED 1-1/2" FROM
TOP AND BOTTOM SURFACE.
SEE DETAIL B.

SECTION A-A
SCALE 3/4" = 1'-0"



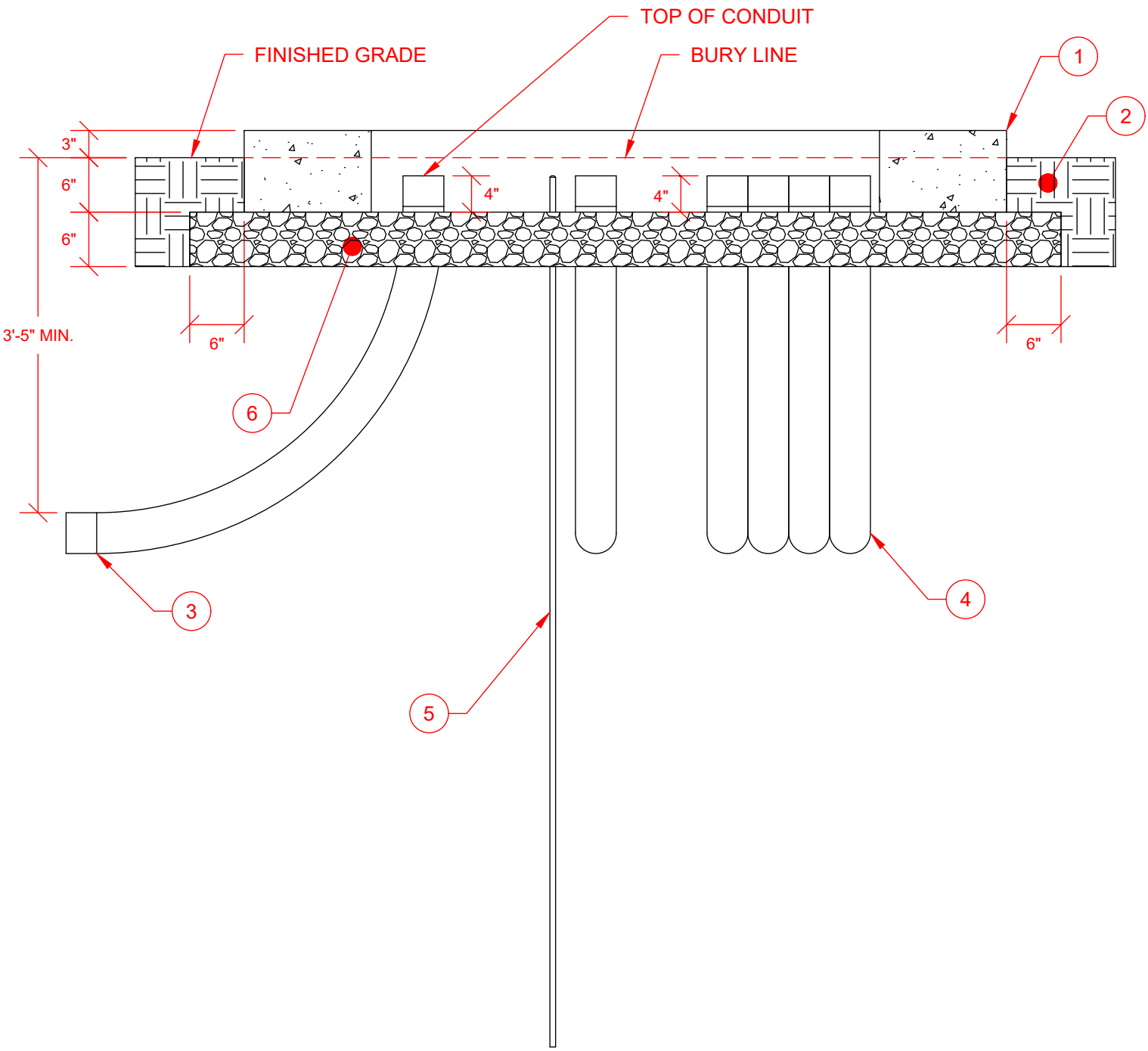
#4 REBAR

DETAIL B
(REBAR DETAILS)
SCALE 3/4" = 1'-0"

NOTE:
REBAR SHALL HAVE A 3" MINIMUM HORIZONTAL CLEARANCE TO ALL EDGES AND OPENINGS OF THE PAD AND A 1-1/2" MINIMUM VERTICAL CLERANCE TO THE TOP AND BOTTOM SURFACE.

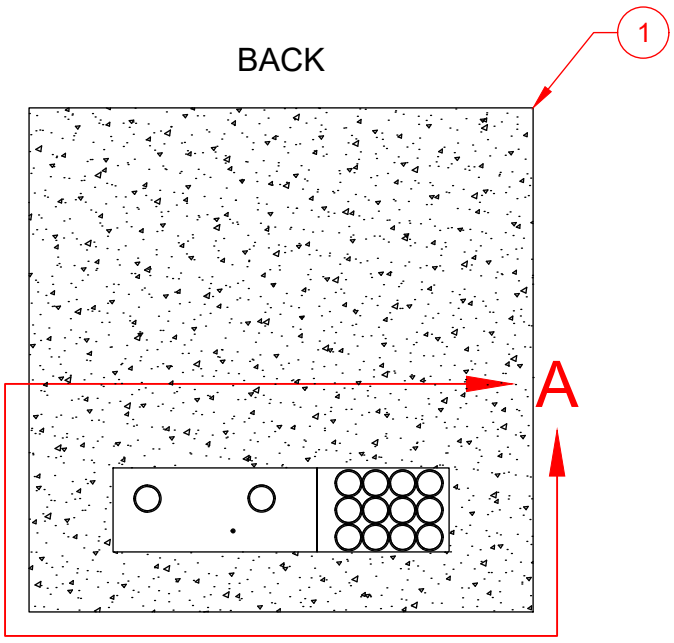
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 1P > 167 KVA POUR IN PLACE	9550.57-133 Sheet 5 of 6

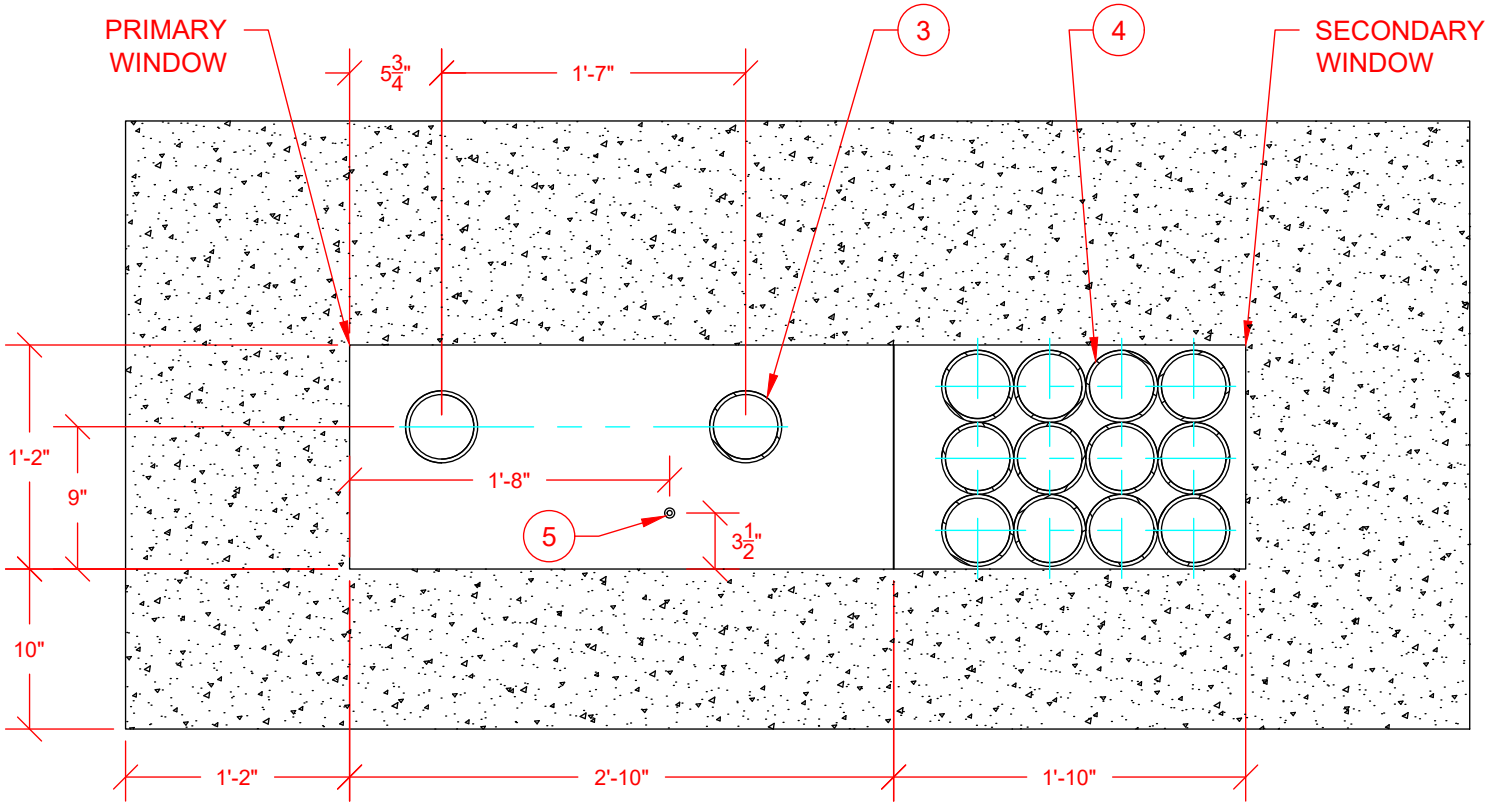
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Customer	Customer	Customer
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Single Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Service Conduit.	Customer	Customer	Customer
5	Grounding Electrode		Customer	Customer	Customer
6	Gravel AB3		Customer	Customer	Customer



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA PRECAST	**9550.57-312** Sheet 1 of 5

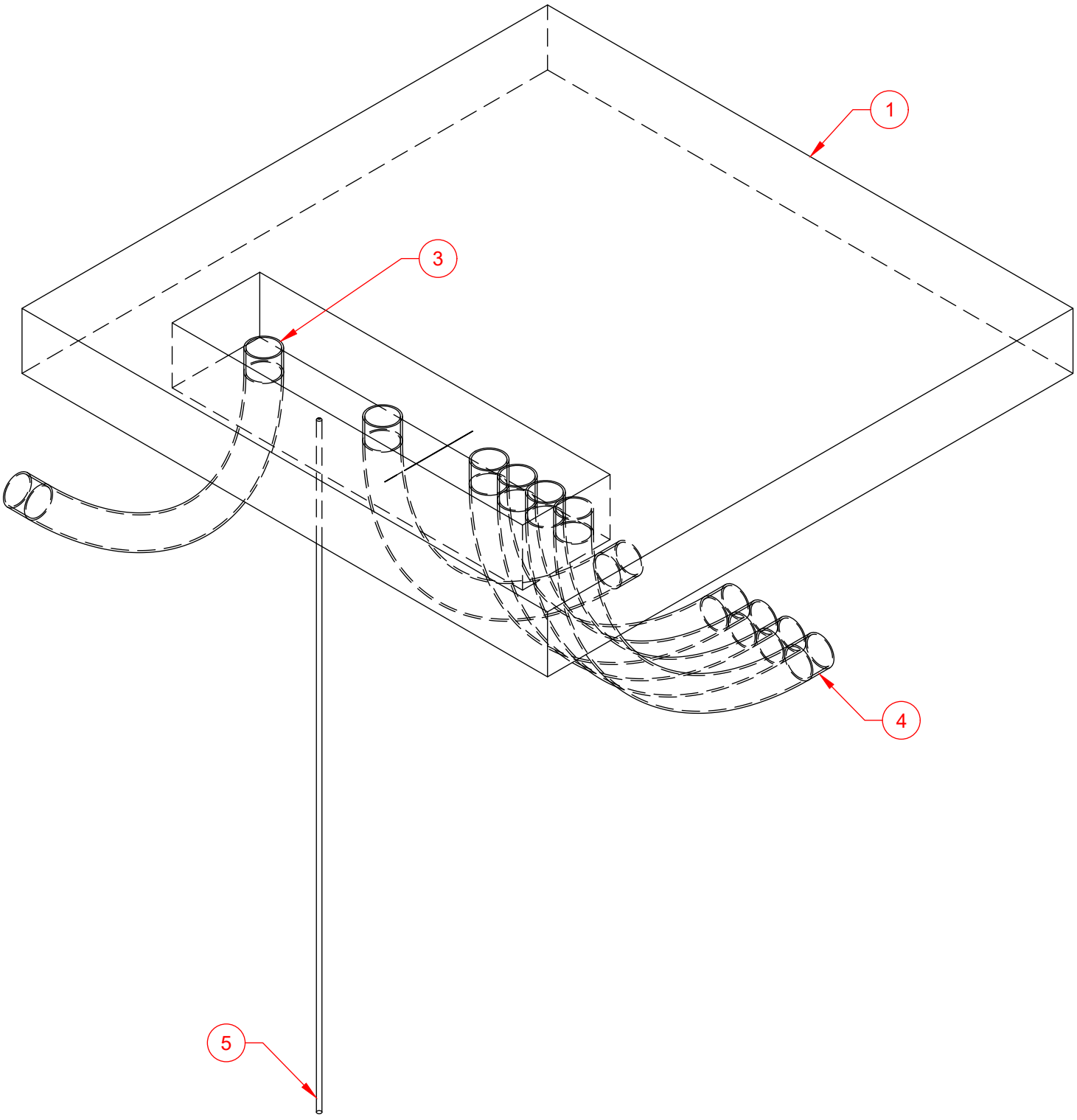
CONDUIT WINDOW



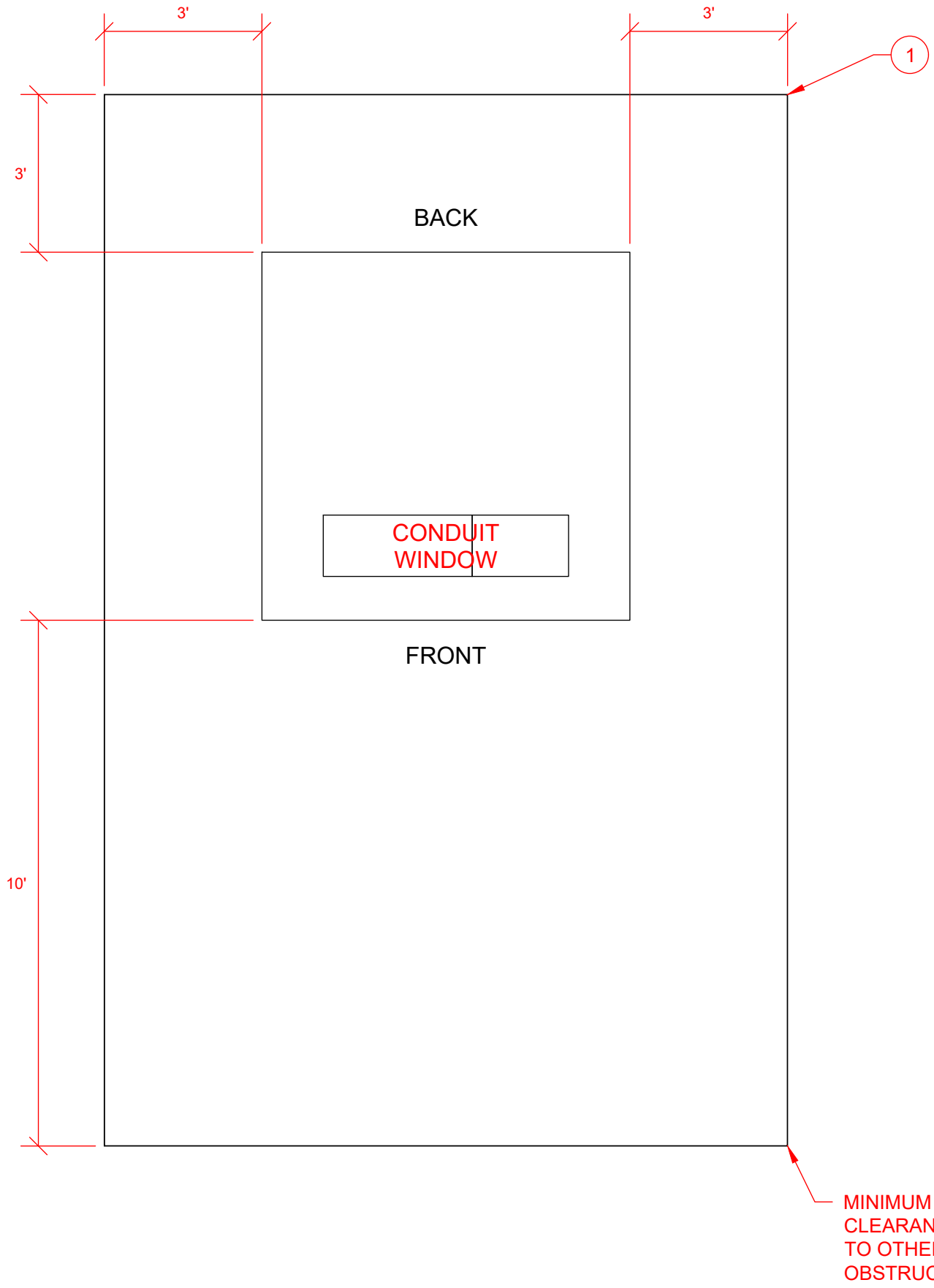


DETAIL A
SCALE 1" = 1'-0"

evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA PRECAST	9550.57-312 Sheet 2 of 5

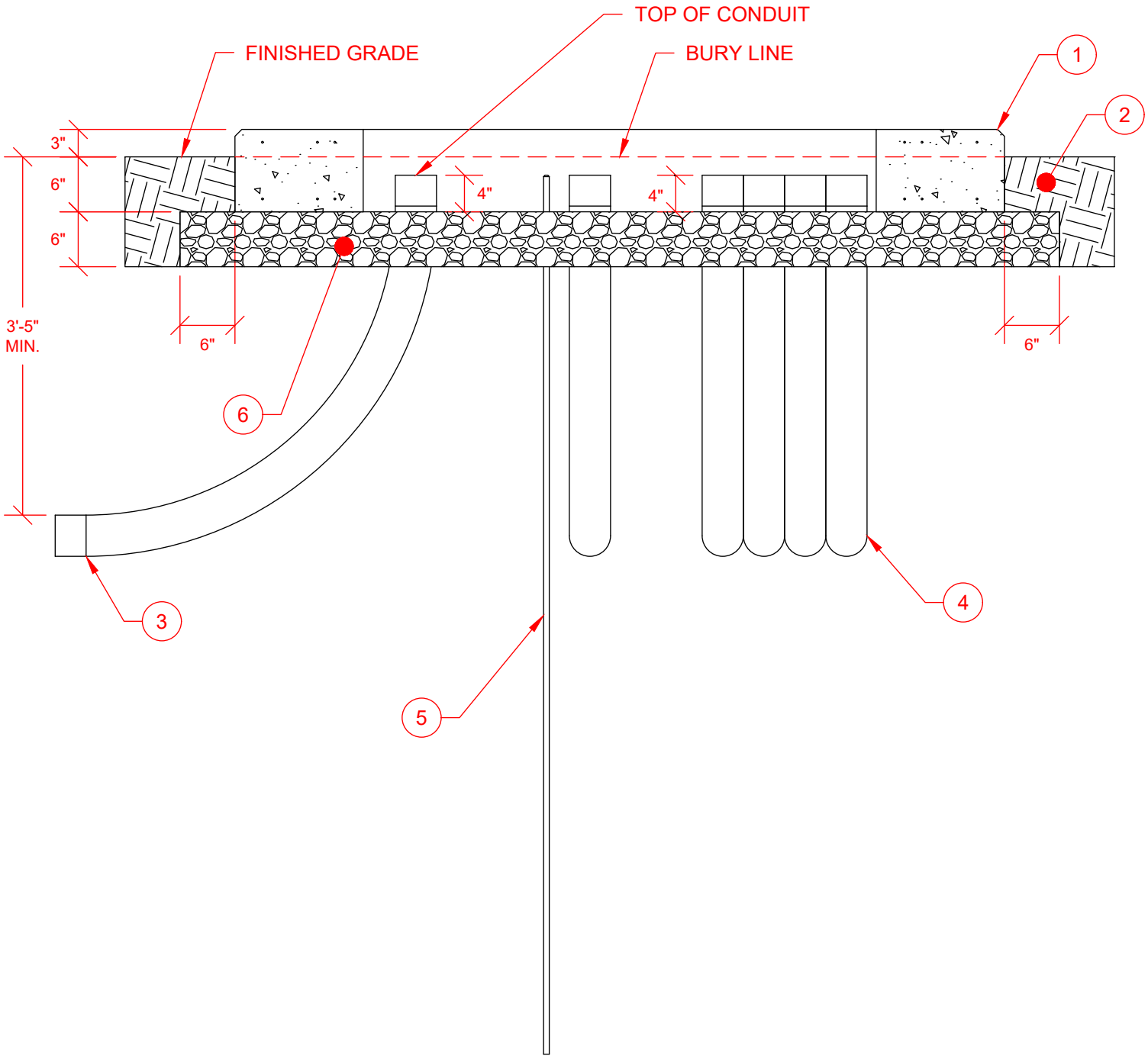


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA PRECAST	**9550.57-312** **Sheet 3 of 5**



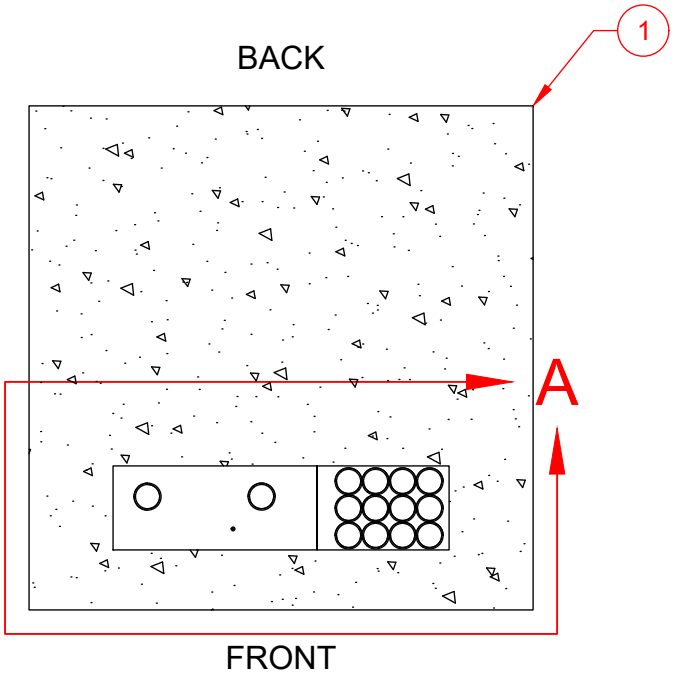
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA PRECAST	**9550.57-312** **Sheet 4 of 5**

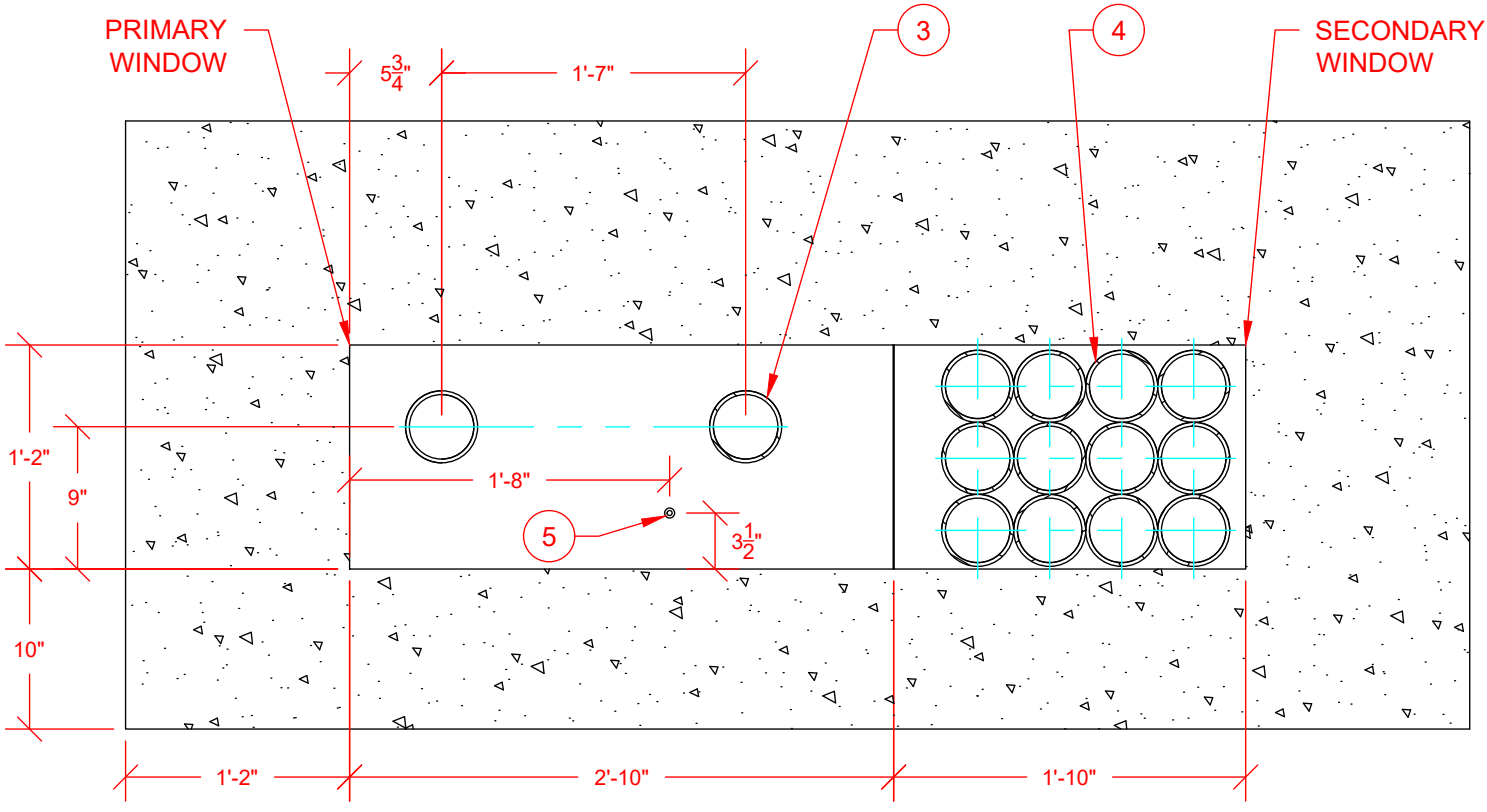
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Customer	Customer	Customer
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Three Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Service Conduit.	Customer	Customer	Customer
5	Grounding Electrode		Customer	Customer	Customer
6	Gravel AB3		Customer	Customer	Customer



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA POUR IN PLACE	**9550.57-313** **Sheet 1 of 6**

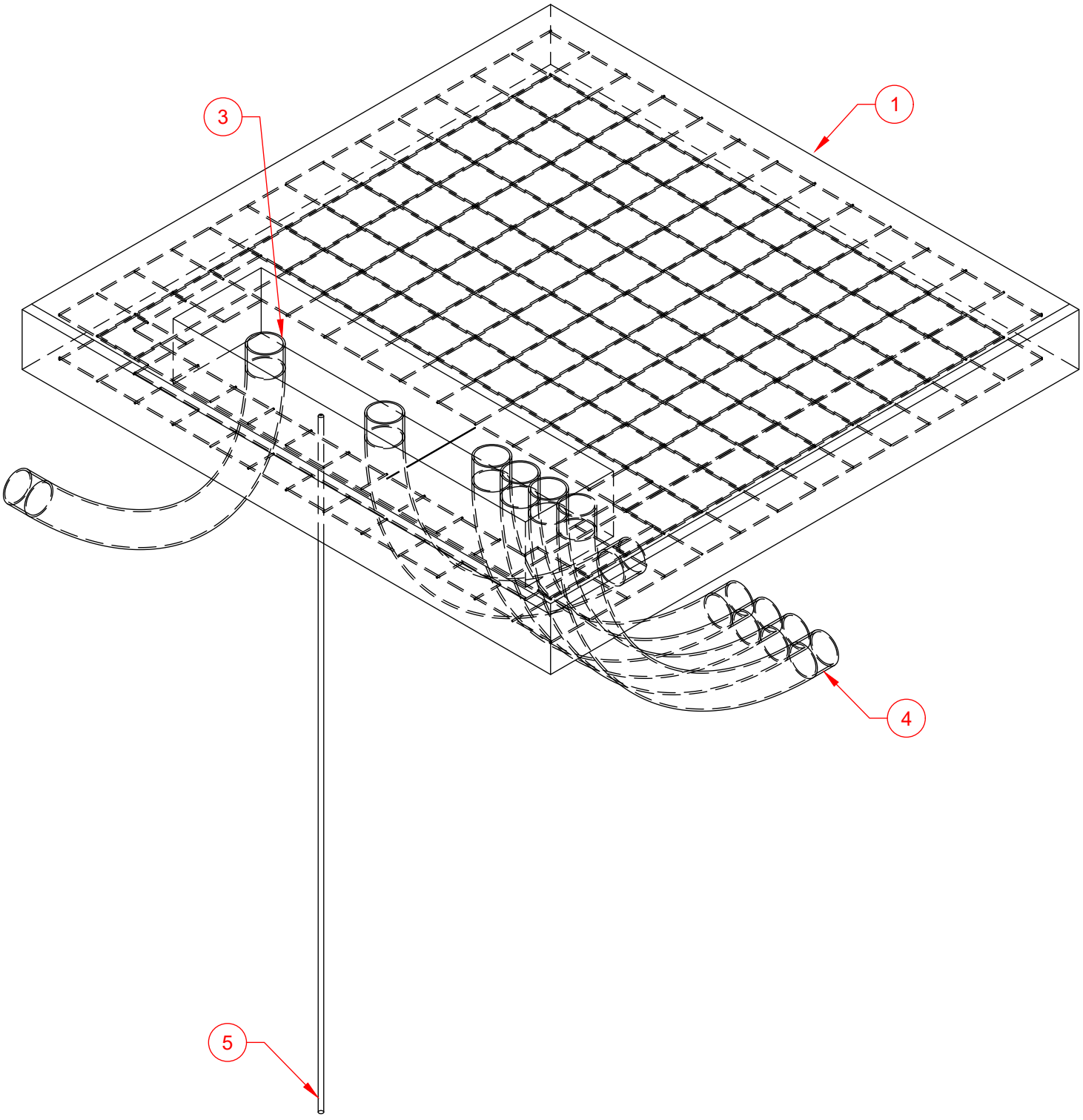
CONDUIT WINDOW



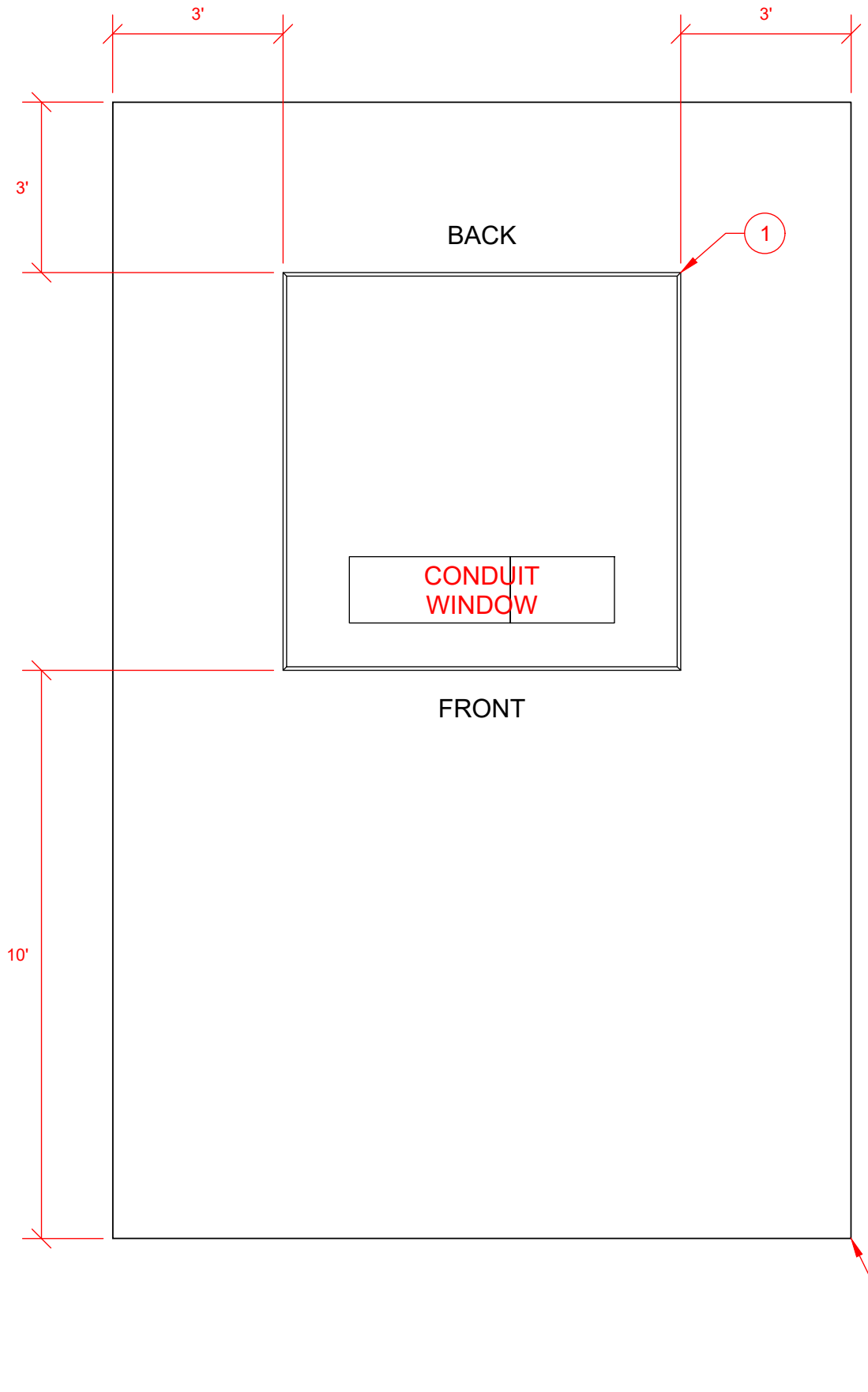


DETAIL A
SCALE 1" = 1'-0"

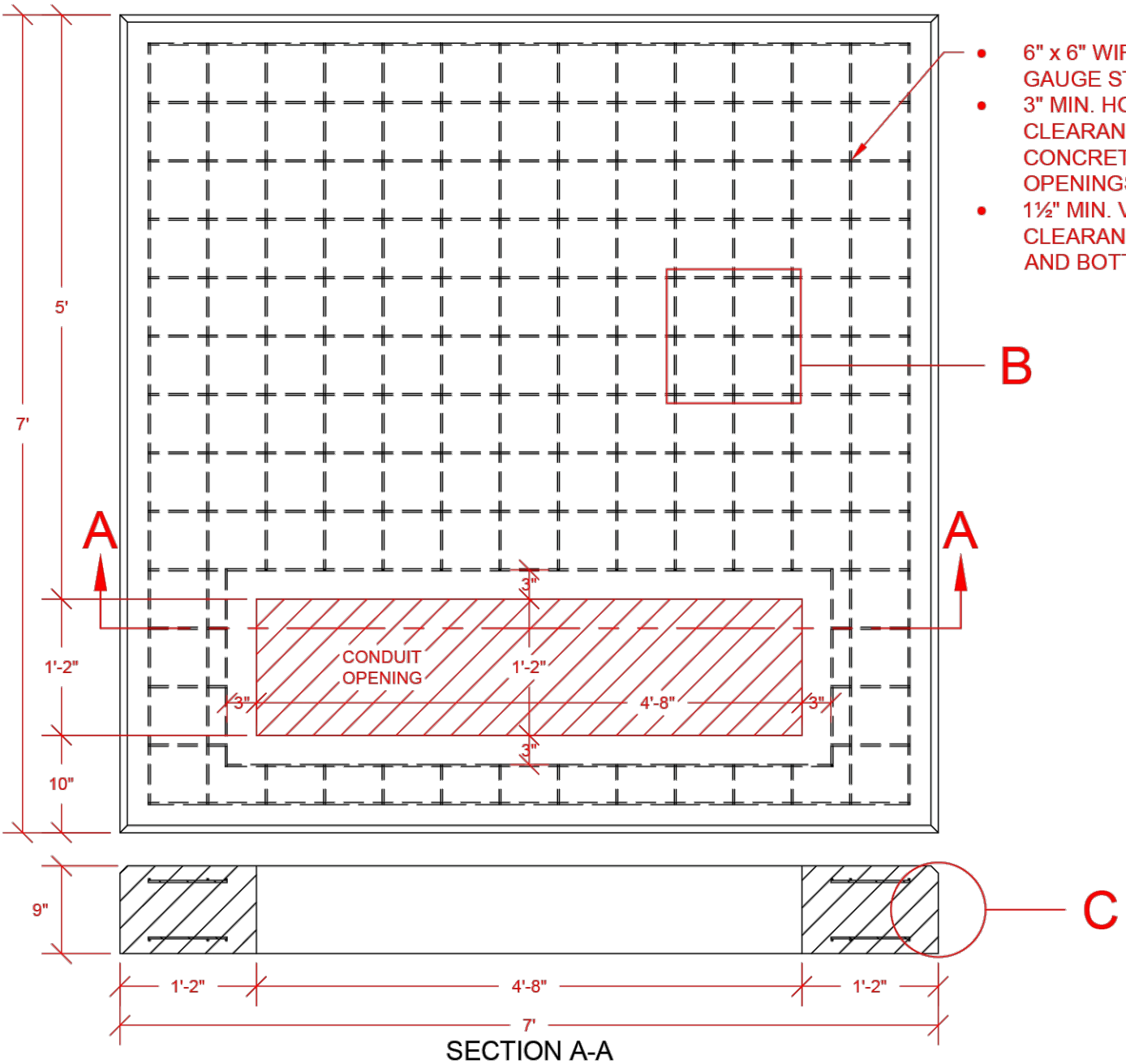
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA POUR IN PLACE	**9550.57-313** **Sheet 2 of 6**



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA POUR IN PLACE	**9550.57-313** **Sheet 3 of 6**

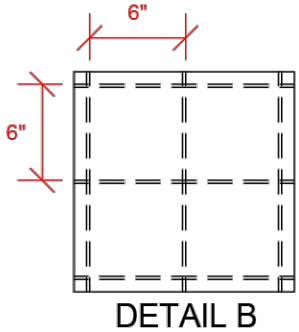


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA POUR IN PLACE	**9550.57-313** **Sheet 4 of 6**

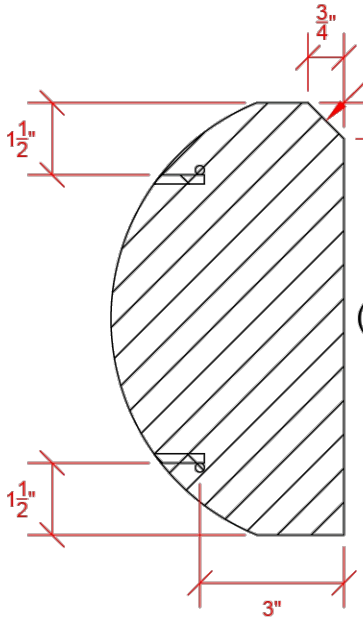


- 6" x 6" WIRE MESH – #6 GAUGE STEEL
- 3" MIN. HORZ. CLEARANCE FROM ALL CONCRETE EDGES AND OPENINGS
- 1½" MIN. VERT. CLEARANCE FROM TOP AND BOTTOM

SECTION A-A
SCALE 3/4" = 1'-0"



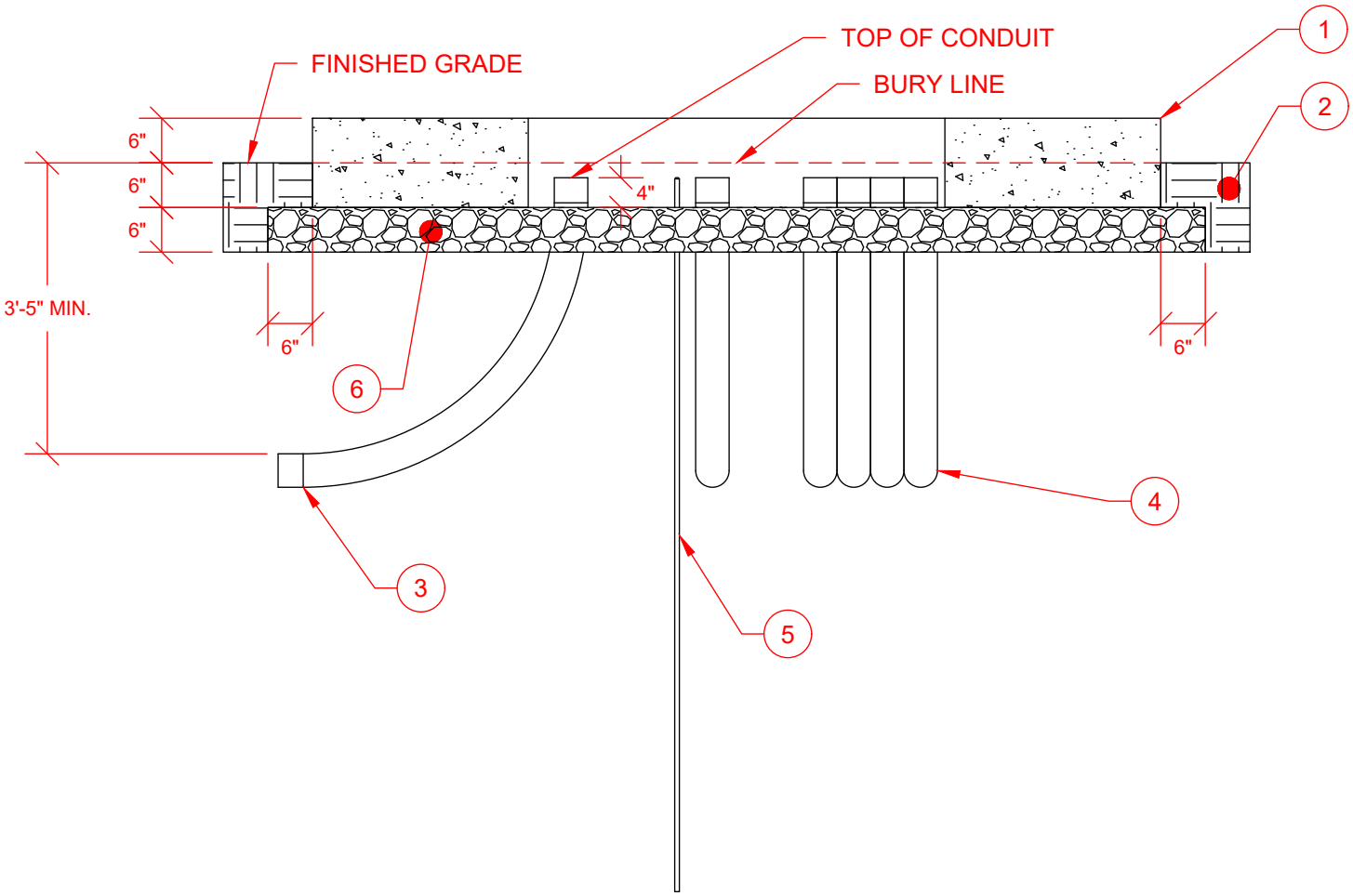
DETAIL B
SCALE 1" = 1'-0"



DETAIL C
(MESH DETAIL)
SCALE 1:4

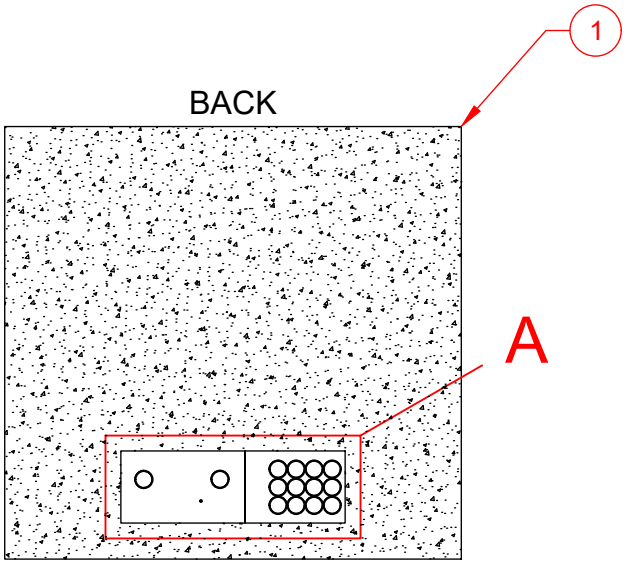
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P <= 500 KVA POUR IN PLACE	9550.57-313 Sheet 5 of 6

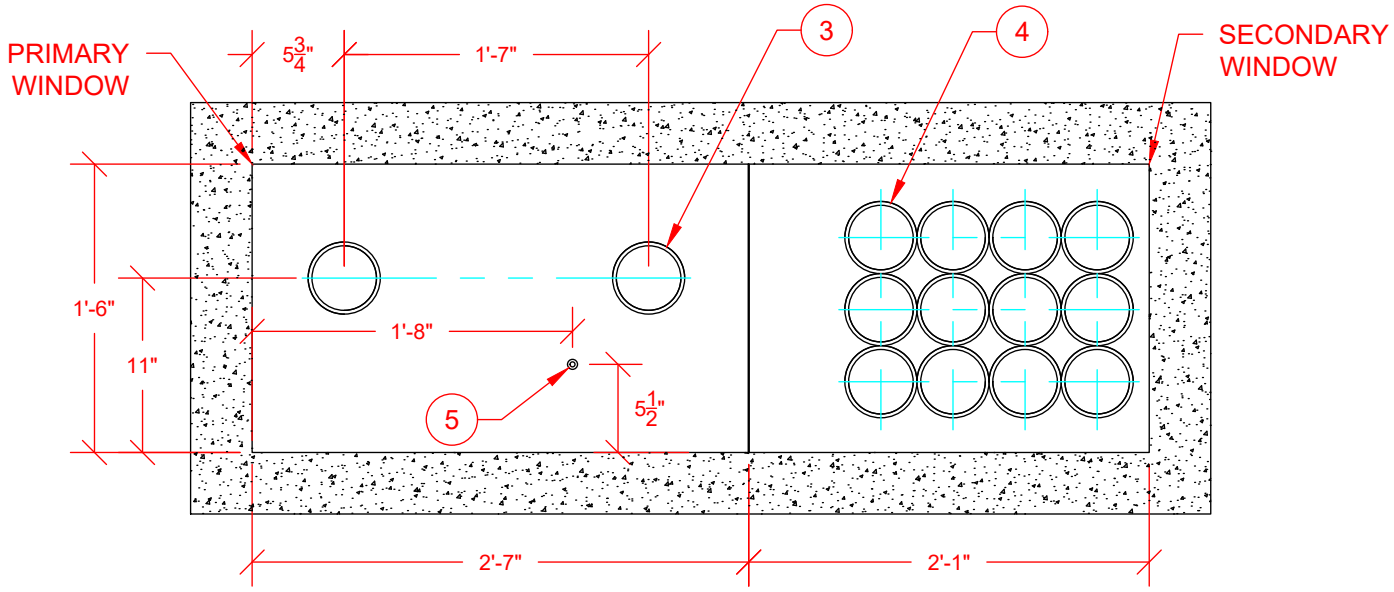
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Customer	Customer	Customer
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Three Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Service Conduit.	Customer	Customer	Customer
5	Grounding Electrode		Customer	Customer	Customer
6	Gravel AB3		Customer	Customer	Customer



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P 750 TO 2500 KVA PRECAST	**9550.57-322** **Sheet 1 of 5**

CONDUIT WINDOW

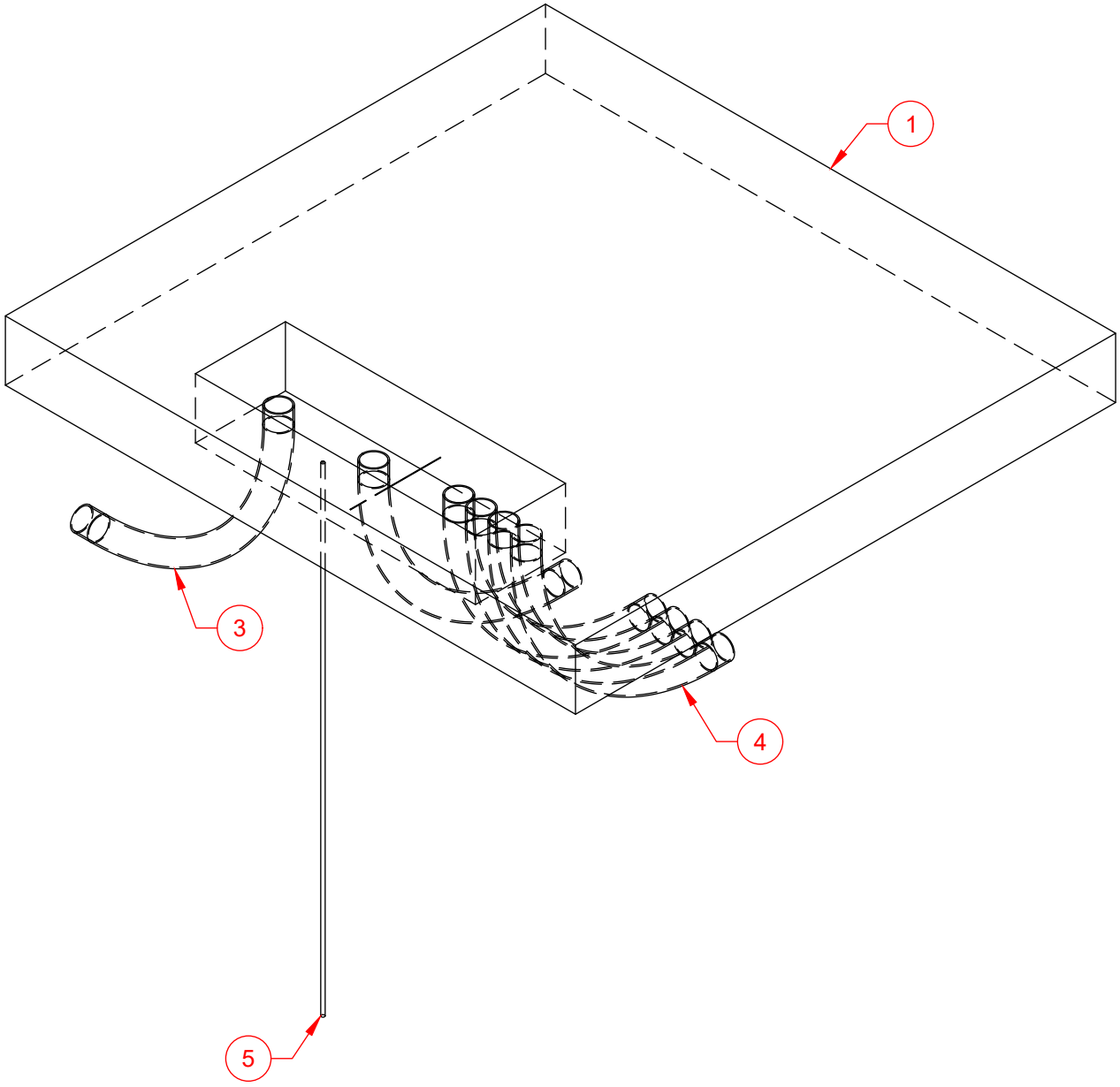




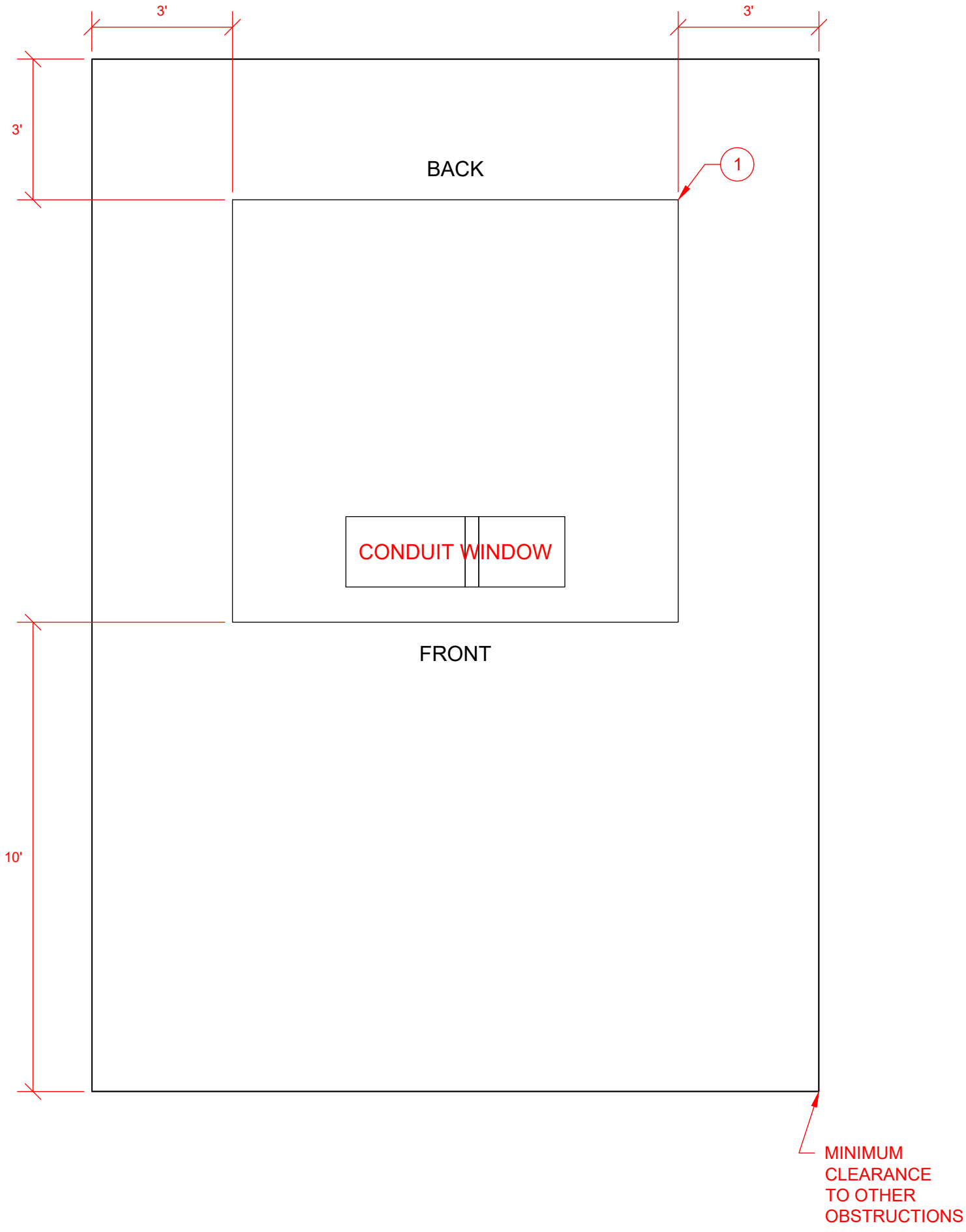
FRONT

DETAIL A

SCALE 1" = 1'-0"

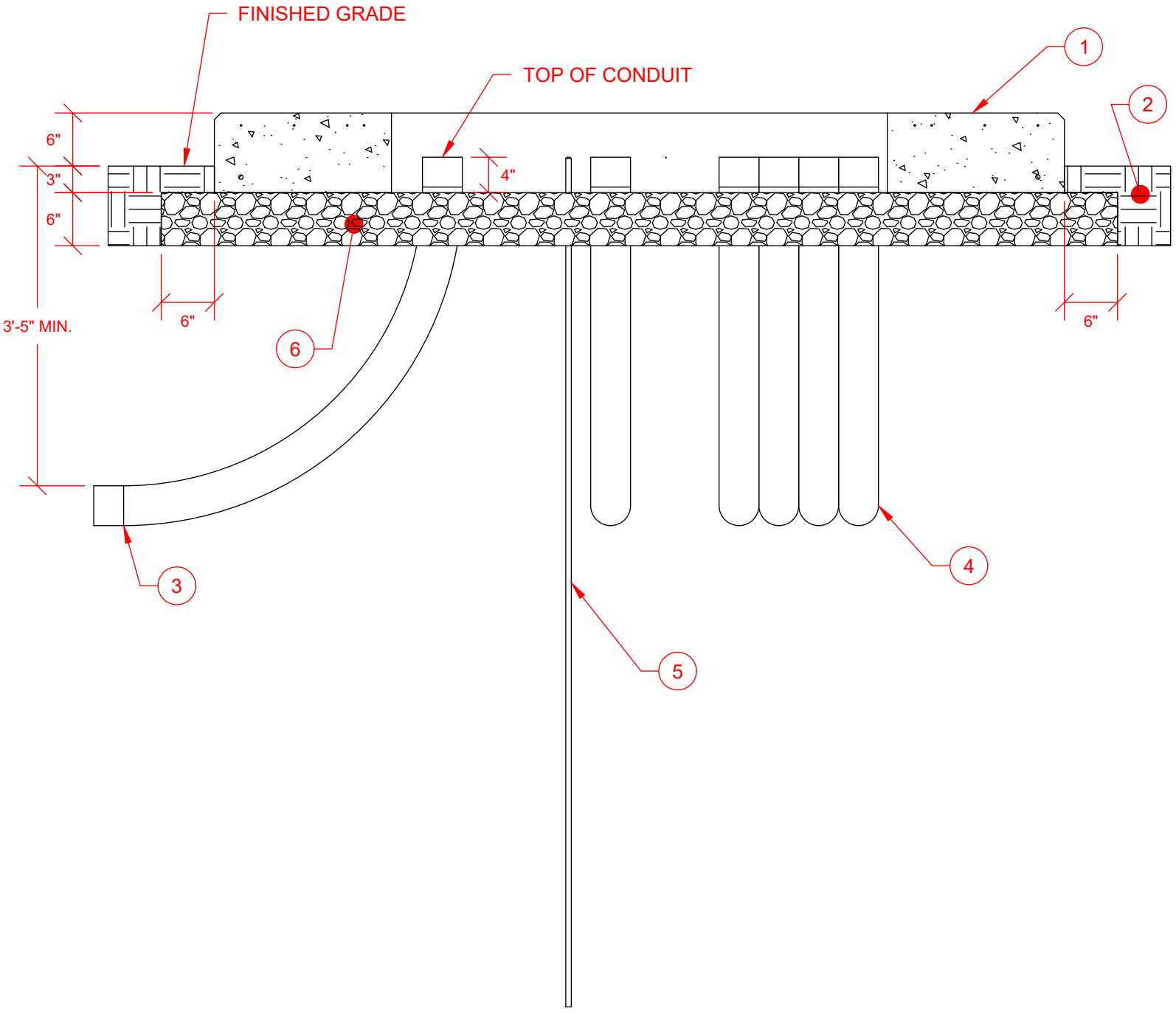


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P 750 TO 2500 KVA PRECAST	**9550.57-322** **Sheet 3 of 5**



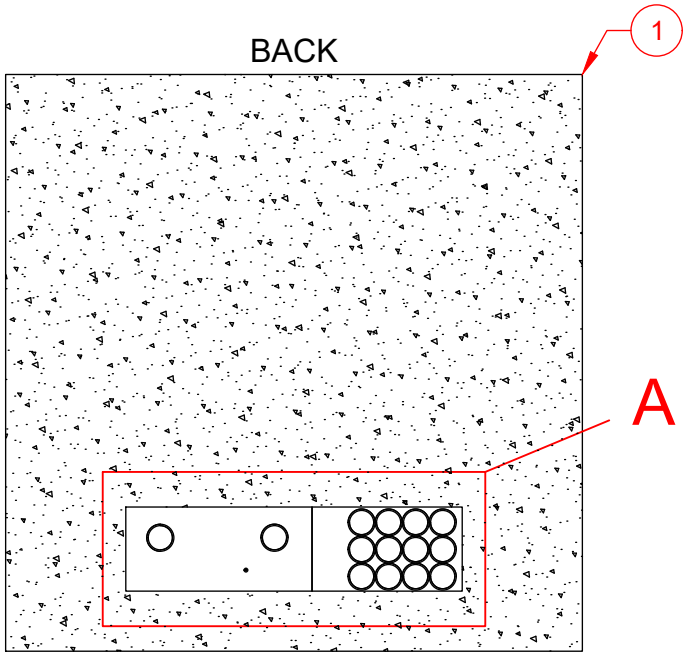
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P 750 TO 2500 KVA PRECAST	**9550.57-322** **Sheet 4 of 5**

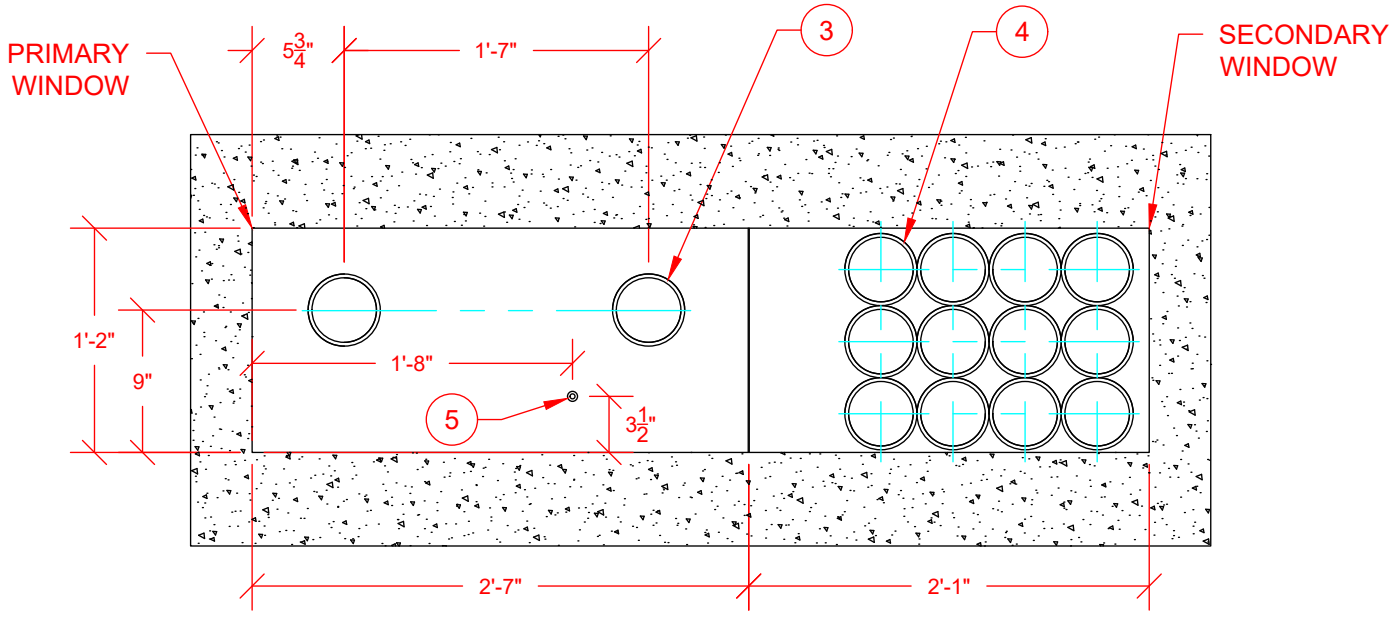
Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Customer	Customer	Customer
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Three Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Service Conduit.	Customer	Customer	Customer
5	Grounding Electrode		Customer	Customer	Customer
6	Gravel AB3		Customer	Customer	Customer



evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P 750 TO 2500 KVA POUR IN PLACE	**9550.57-323** **Sheet 1 of 6**

CONDUIT WINDOW

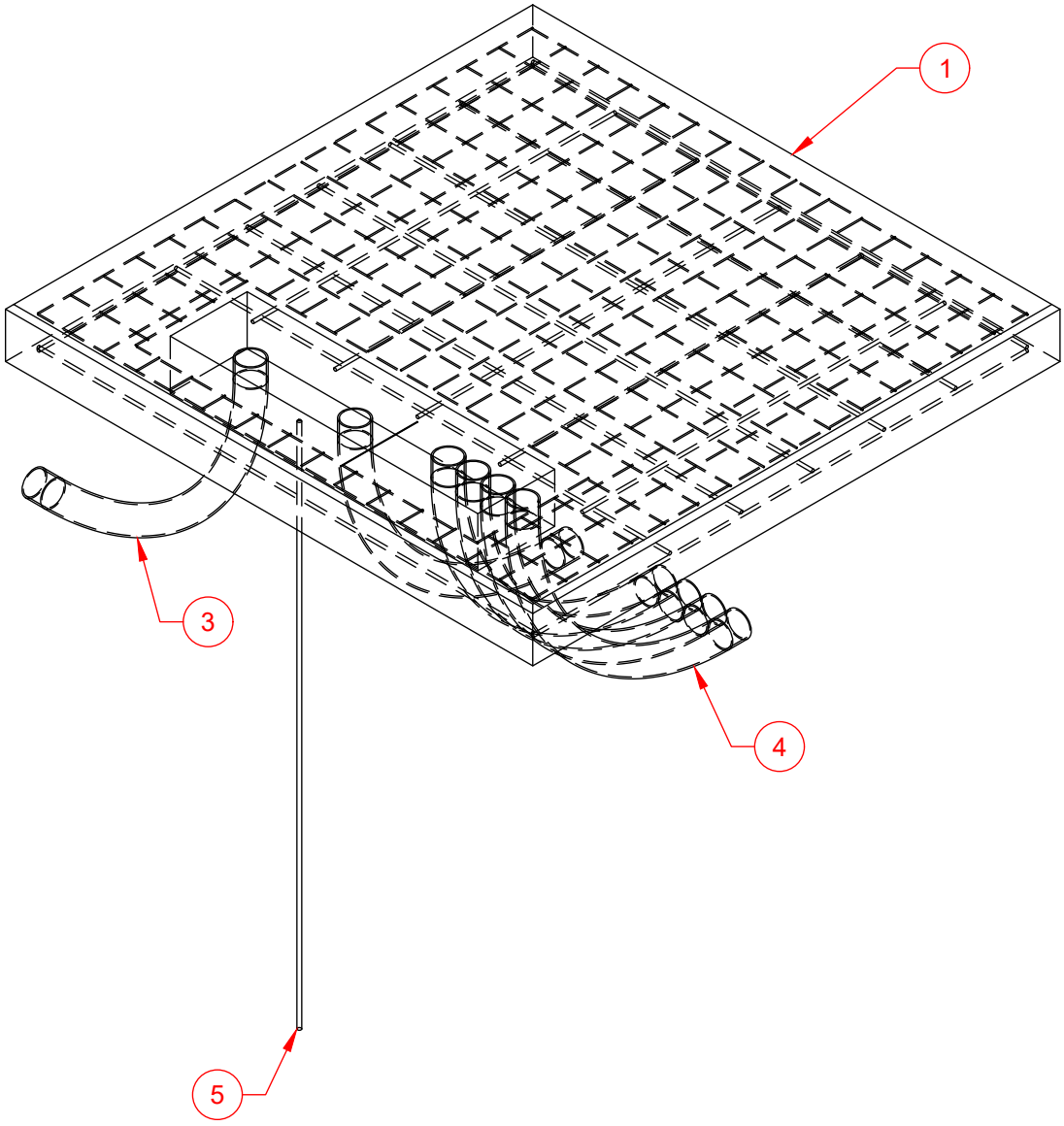




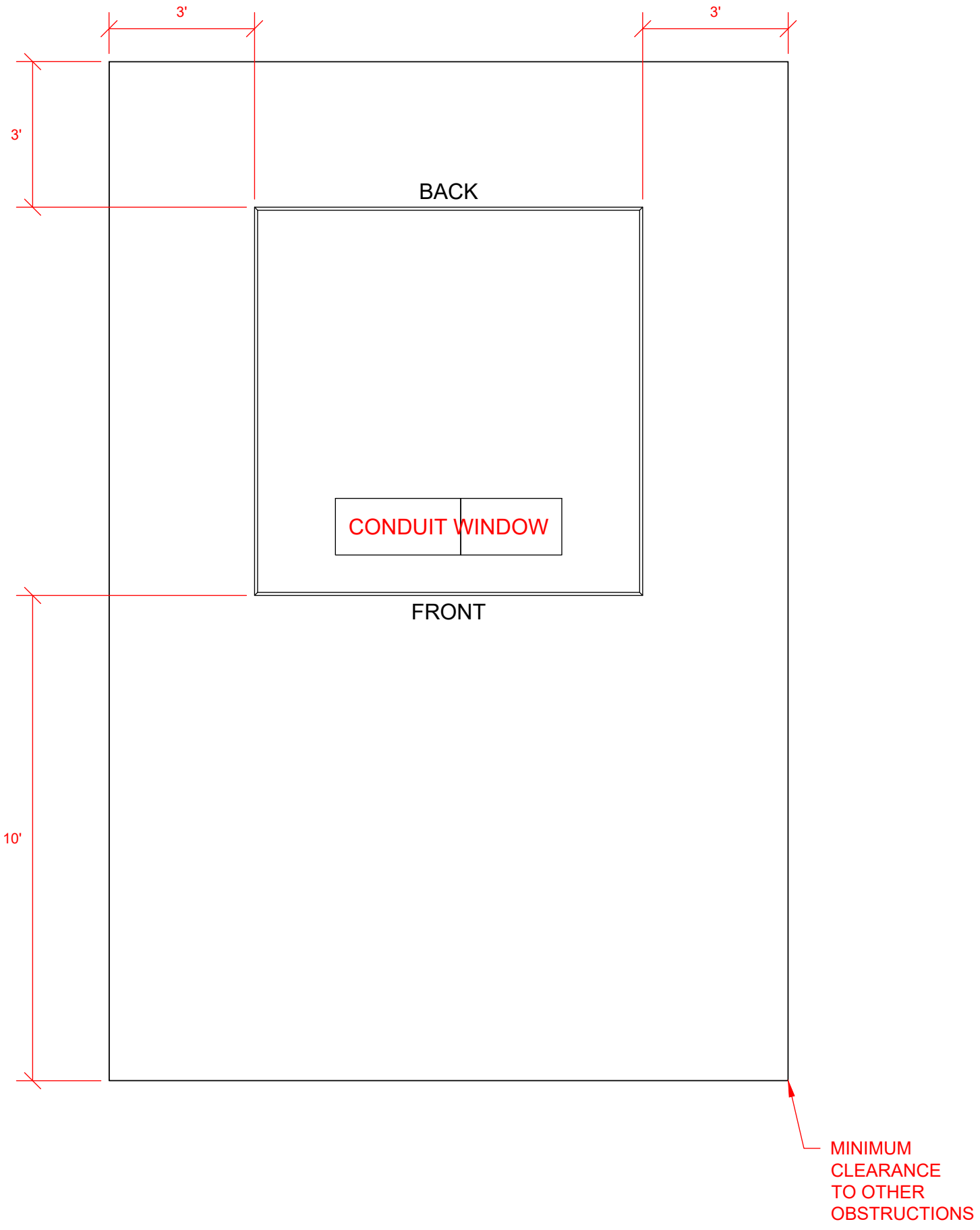
FRONT

DETAIL A

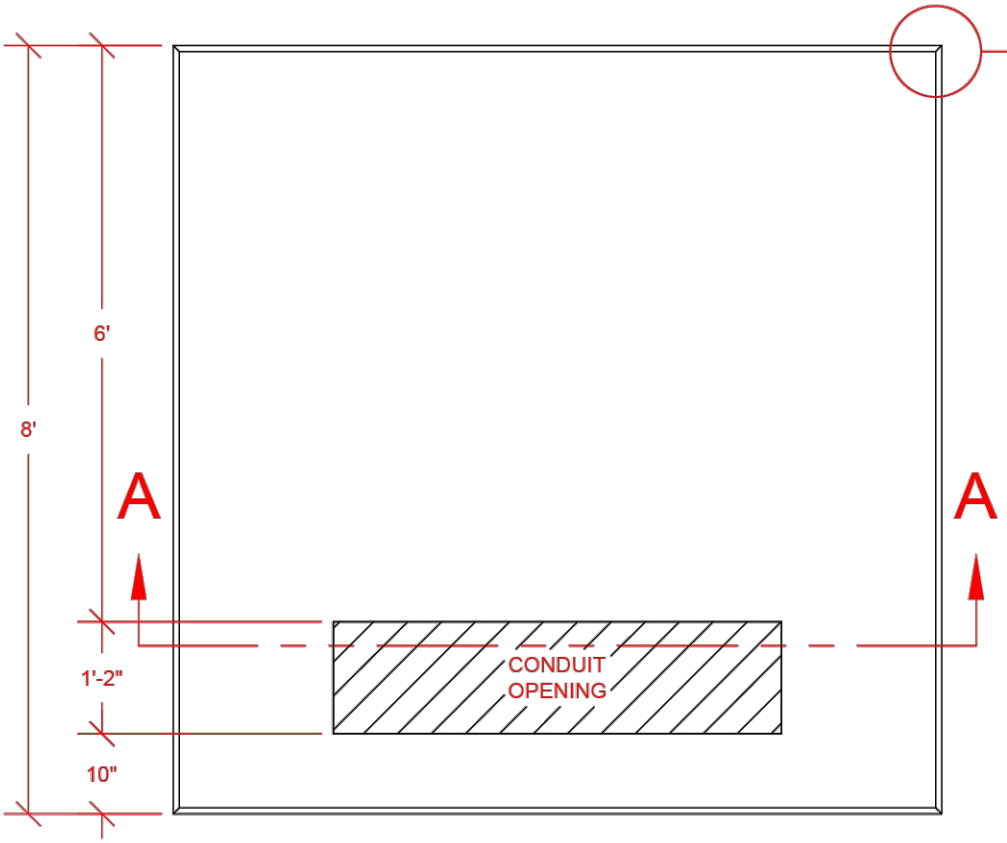
SCALE 1" = 1'-0"

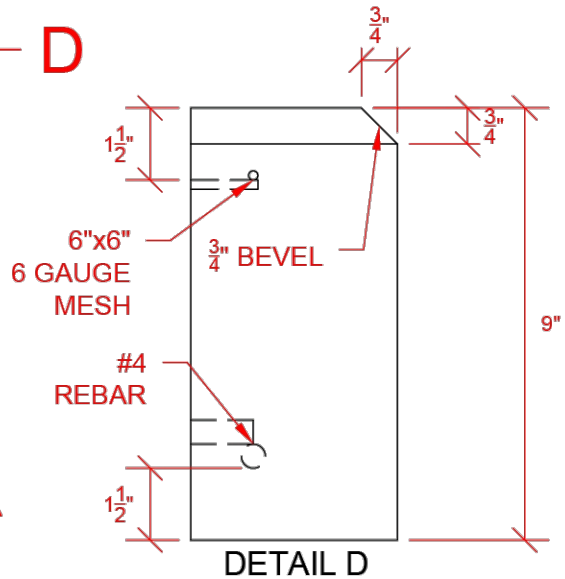


evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P 750 TO 2500 KVA POUR IN PLACE	**9550.57-323** Sheet 3 of 6



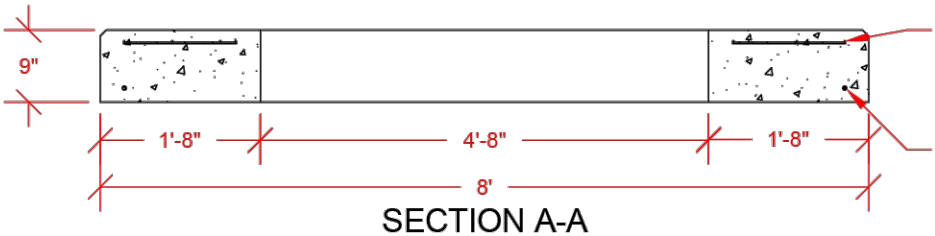
evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P 750 TO 2500 KVA POUR IN PLACE	**9550.57-323** **Sheet 4 of 6**





DETAIL D
SCALE 1:4

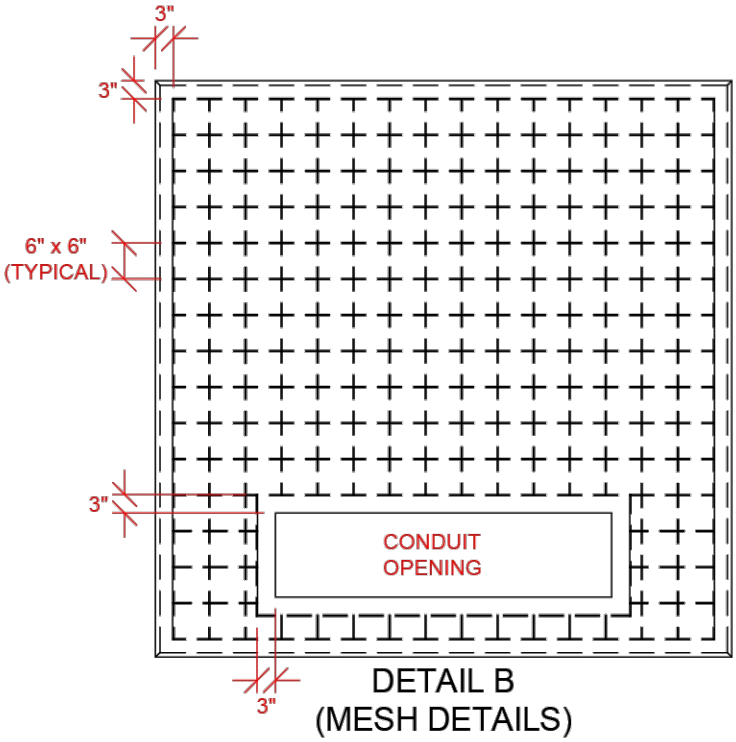
NOTE:
REINFORCING MEMBERS SHALL HAVE A 3" MIN. HORZ. CLEARANCE TO ALL EDGES AND OPENINGS OF THE PAD AND A 1-½" MIN. VERT. CLEARANCE TO THE TOP AND BOTTOM SURFACE.



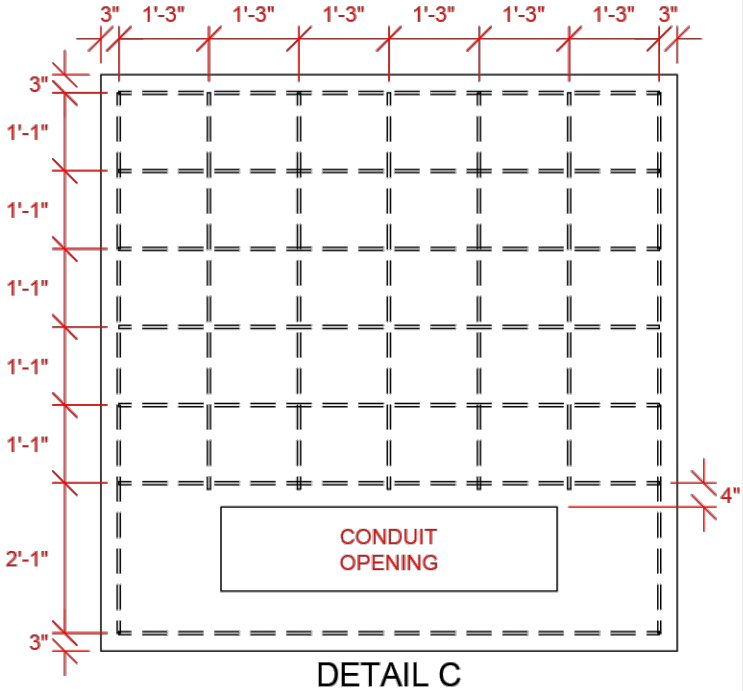
SECTION A-A
SCALE 1/2" = 1'-0"

6" x 6" WIRE MESH – #6 GAUGE STEEL
LOCATED 1-1/2" FROM TOP SURFACE
SEE DETAIL B.

#4 REBAR
LOCATED 1-1/2" FROM BOTTOM SURFACE
SEE DETAIL C.



DETAIL B
(MESH DETAILS)
SCALE 3/8" = 1'-0"



DETAIL C
(REBAR DETAILS)
SCALE 3/8" = 1'-0"

evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 02/06/2026	PFD EQUIPMENT TRANSFORMER 3P 750 TO 2500 KVA POUR IN PLACE	9550.57-323 Sheet 5 of 6

Number	Item	Requirement	Provided By	Installed By	Maintained By
1	Foundation Transformer		Customer	Customer	Customer
2	Backfill	• Backfill compacted to ASTM standard # Backfill should include dome top for settling or compaction to 95% maximum density (Proctor-ASTM D698).	Customer	Customer	Customer
3	Bend Conduit	• Three Phase Conduit.	Customer (Initial)	Customer	Evergy
4	Bend Conduit	• Service Conduit.	Customer	Customer	Customer
5	Grounding Electrode		Customer	Customer	Customer
6	Gravel AB3		Customer	Customer	Customer

Equipment Clearance

Scope

This section defines minimum clearance requirements for Evergy-owned electrical equipment when installed near buildings, driveways, parking lots, and other structures. These requirements ensure safe installation, maintenance access, and compliance with Evergy standards and applicable codes. Additional requirements may apply under state or local regulations. For unusual circumstances, voltages, structures, or environmental conditions, consult the Company.

Working Space Clearance Requirements

- Equipment with an opening requires 10 feet of clearance maintained in all directions from that opening.
- A clearance of 3 feet must be maintained in all directions from the edge of equipment that does not open.
- No window should extend into the working space of the equipment as outlined in the equipment clearance drawings

Special Considerations

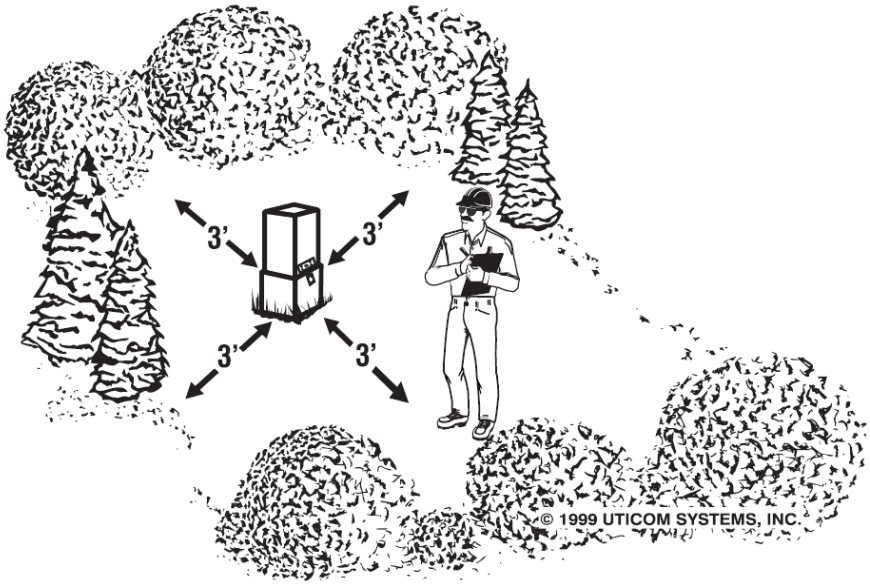
- A minimum of 5 feet of clearance is required around the circumference of fire hydrants for all Evergy-owned equipment.

Secondary Pedestal

Scope

These are the clearances required surrounding secondary pedestals.

Clearance Values



We need room to work safely on this device. Please keep shrubs and structures 3 feet away from the sides.

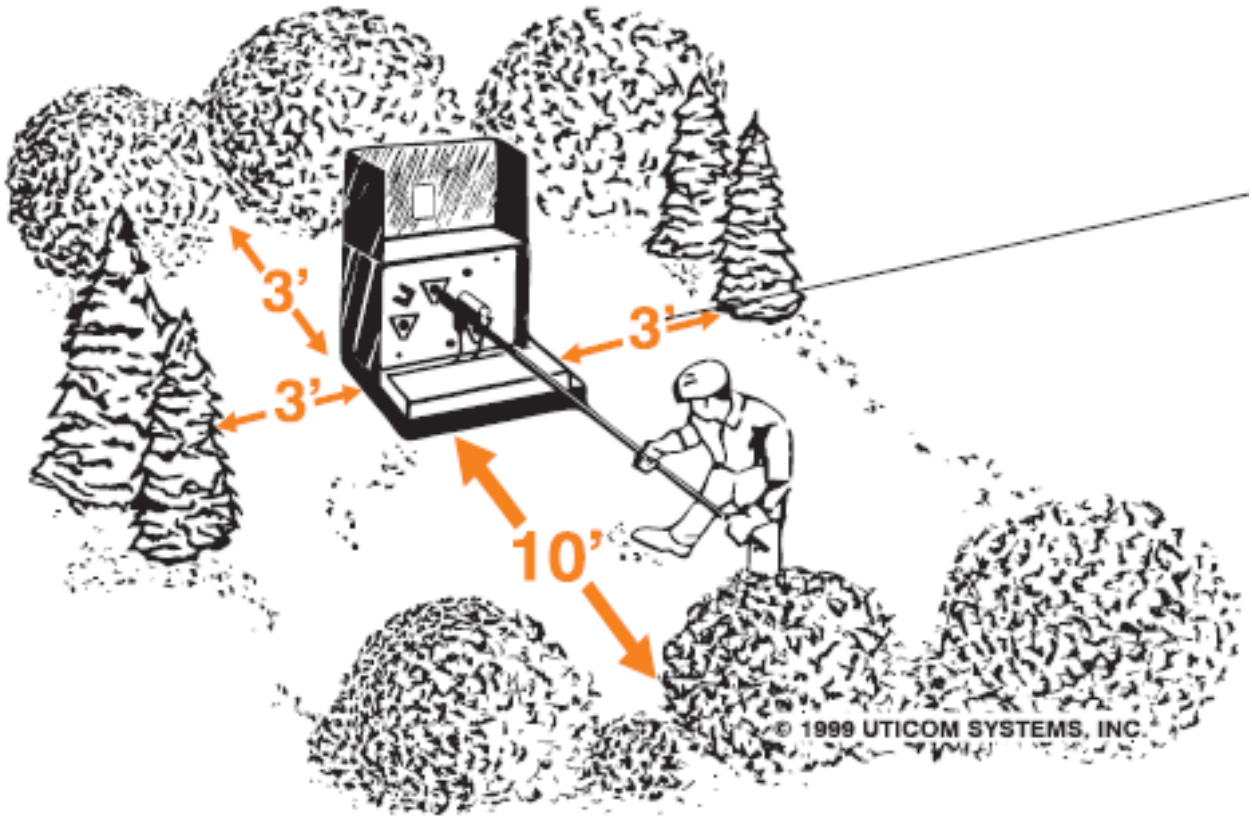
Obstructions may be damaged or removed during service restoration or maintenance.

Single-Phase Sectionalizing Cabinet

Scope

These are the clearances required surrounding single-phase sectionalizing cabinets.

Clearance Values



We need room to work safely on this device. Please keep shrubs and structures 10 feet away from the side with doors and 3 feet from other sides.

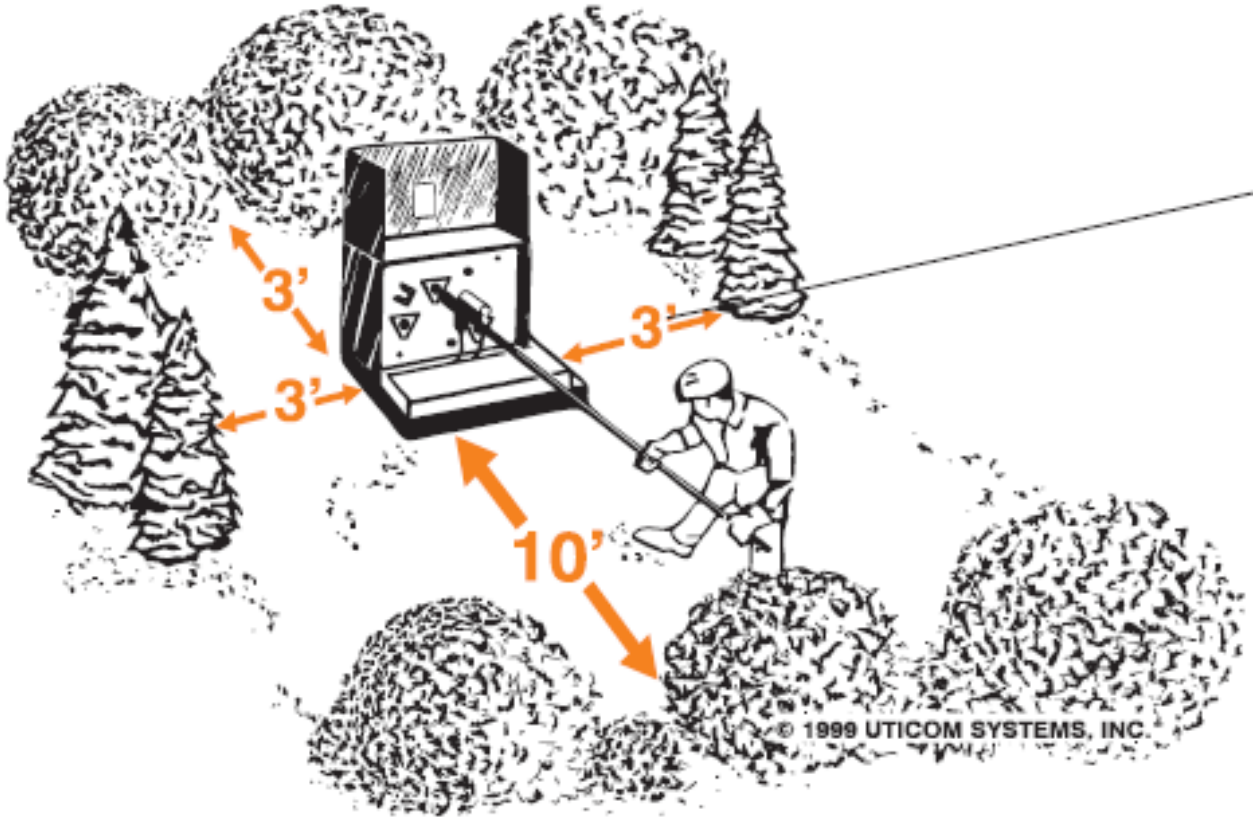
Obstructions may be damaged or removed during service restoration or maintenance.

Three-Phase Sectionalizing Cabinet

Scope

These are the clearances required surrounding three-phase sectionalizing cabinets.

Clearance Values



We need room to work safely on this device. Please keep shrubs and structures 10 feet away from the side with doors and 3 feet from other sides.

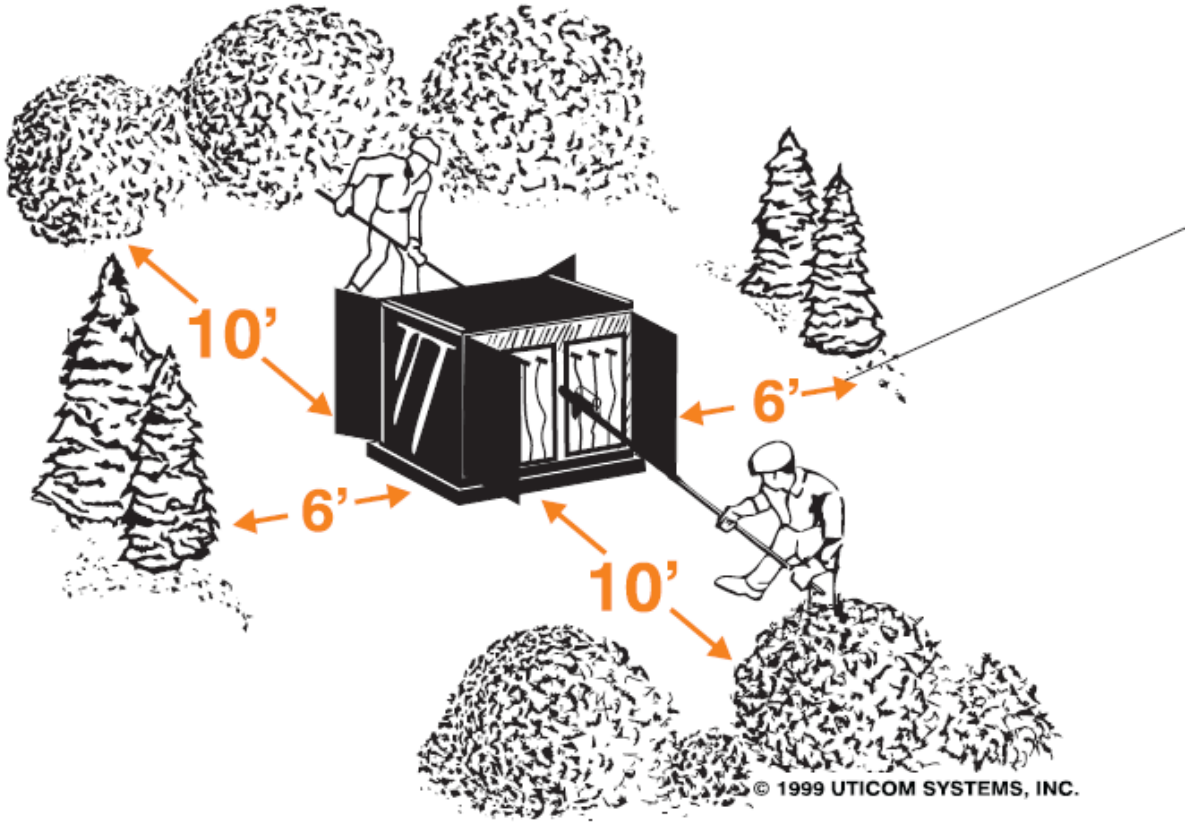
Obstructions may be damaged or removed during service restoration or maintenance.

Two-Sided Switchgear

Scope

These are the clearances required surrounding two-sided switchgears.

Clearance Values



We need room to work safely on this device. Please keep shrubs and structures 10 feet away from the sides with doors and 6 feet from other sides.

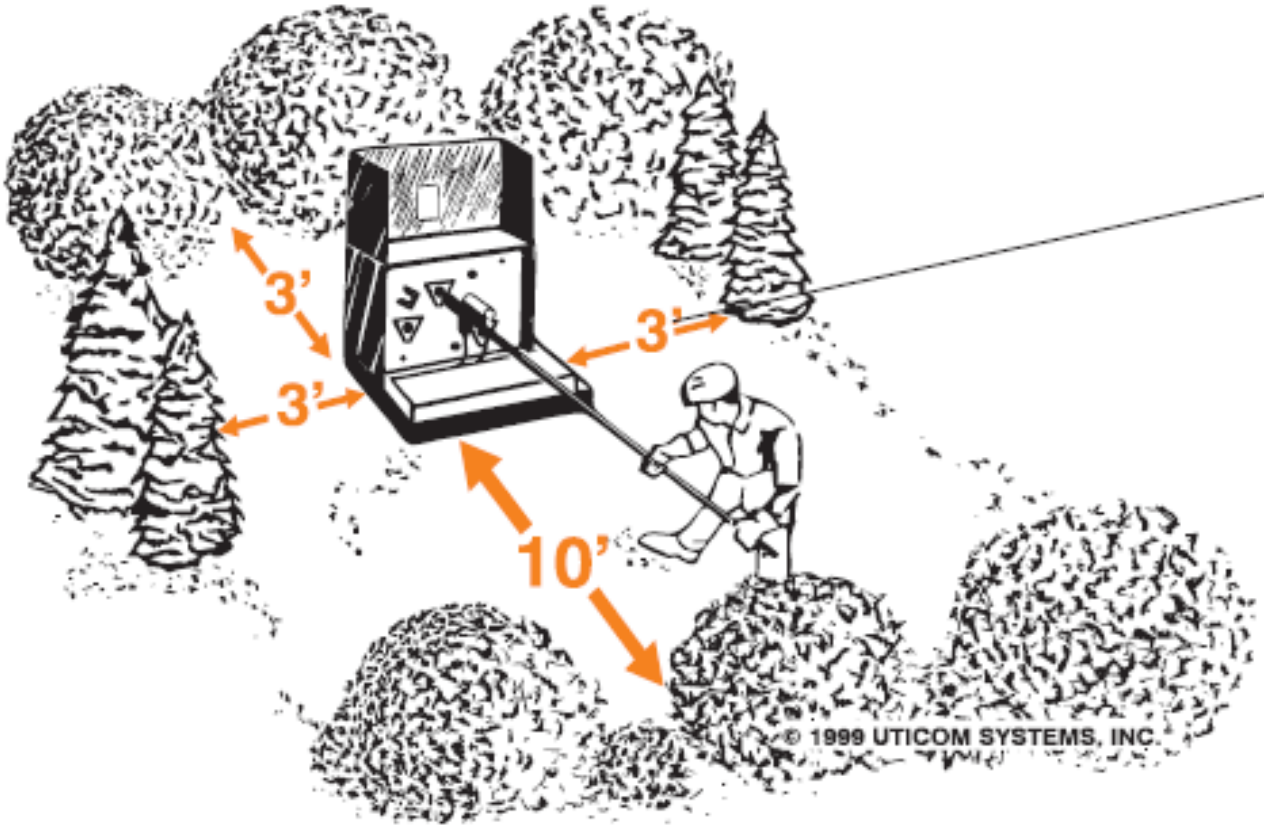
Obstructions may be damaged or removed during service restoration or maintenance.

Single-Phase Padmount Transformer

Scope

These are the clearances required surrounding a single-phase transformer pad.

Clearance Values



We need room to work safely on this device. Please keep shrubs and structures 10 feet away from the side with doors and 3 feet from other sides.

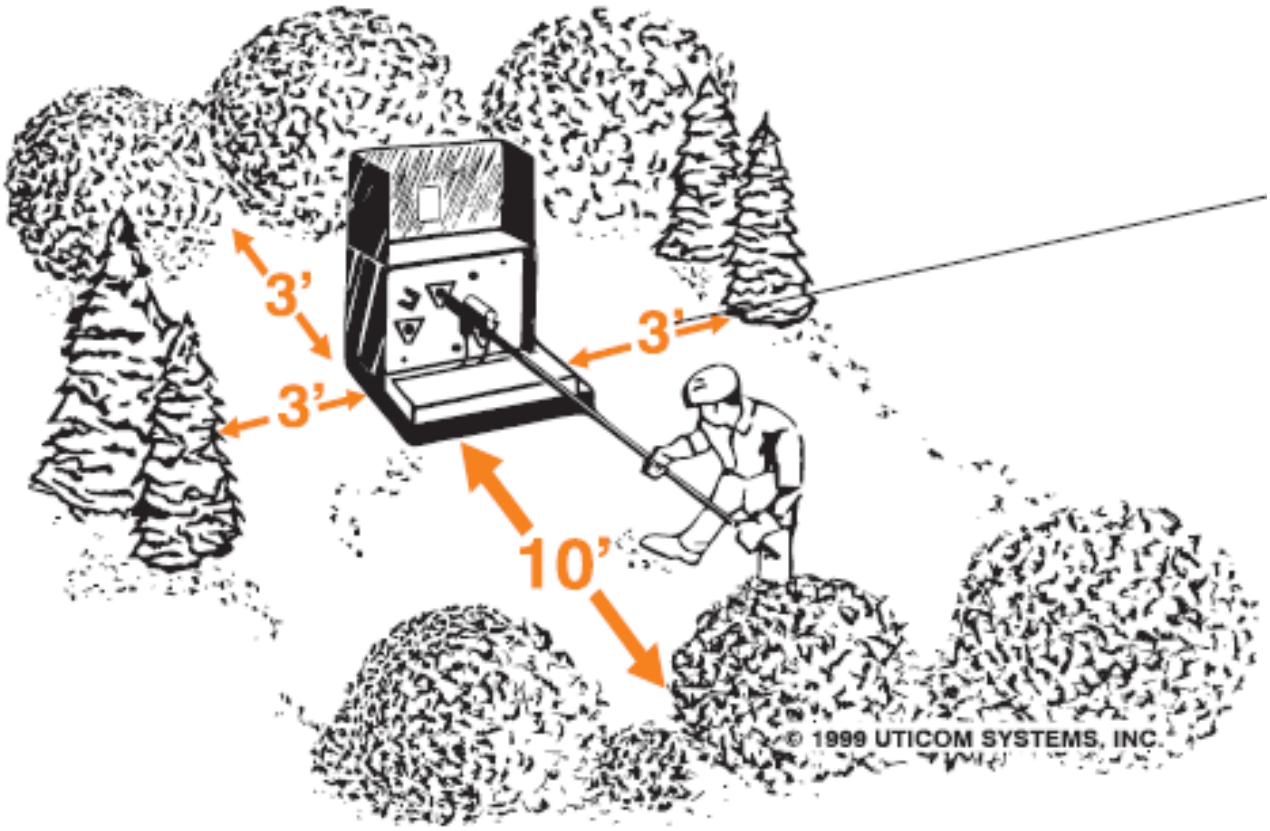
Obstructions may be damaged or removed during service restoration or maintenance.

Three-Phase Padmount Transformer

Scope

These are the clearances required surrounding a three-phase transformer pad.

Clearance Values



We need room to work safely on this device. Please keep shrubs and structures 10 feet away from the side with doors and 3 feet from other sides.

Obstructions may be damaged or removed during service restoration or maintenance.

evergy	EVERGY SERVICE STANDARDS	DRAWN DATE 2/13/2026	ESS CLEARANCE FROM EQUIPMENT TRANSFORMER 3P PAD ALL PARTS	8005.57-001 Sheet 2 of 2

Key Contacts

Evergy Kansas Metro, Evergy Missouri Metro, Evergy Missouri West Contacts:

- Customer care - 1-888-471-5275 or 816-471-5275, or by email servicestandards@evergy.com
- General Offices, Downtown Kansas City - (816) 556-2200
- For emergencies, power out or lines down, call toll-free – 1-888-544-4852 (1-888-LIGHT-KC)

Evergy Kansas Central Contacts:

- Residential 1-800-383-1183
- Business 1-800-401-5666

Utility One Call:

- Missouri – 1-800-344-7483 (1-800-DIG-RITE)
- Kansas – 811 or 1-800-344-7233 (1-800-DIG-SAFE)