

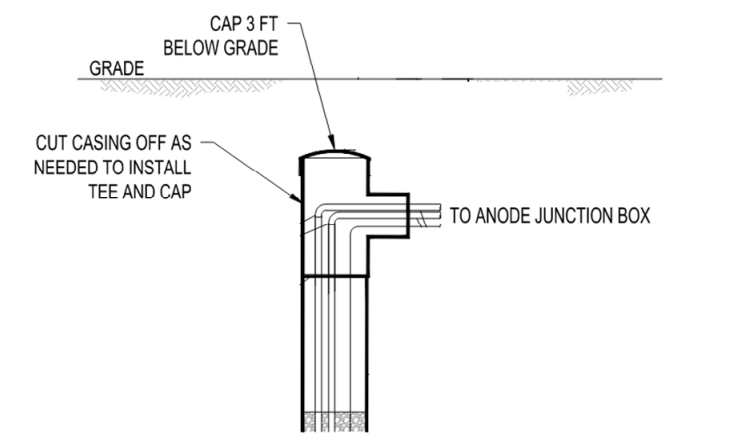
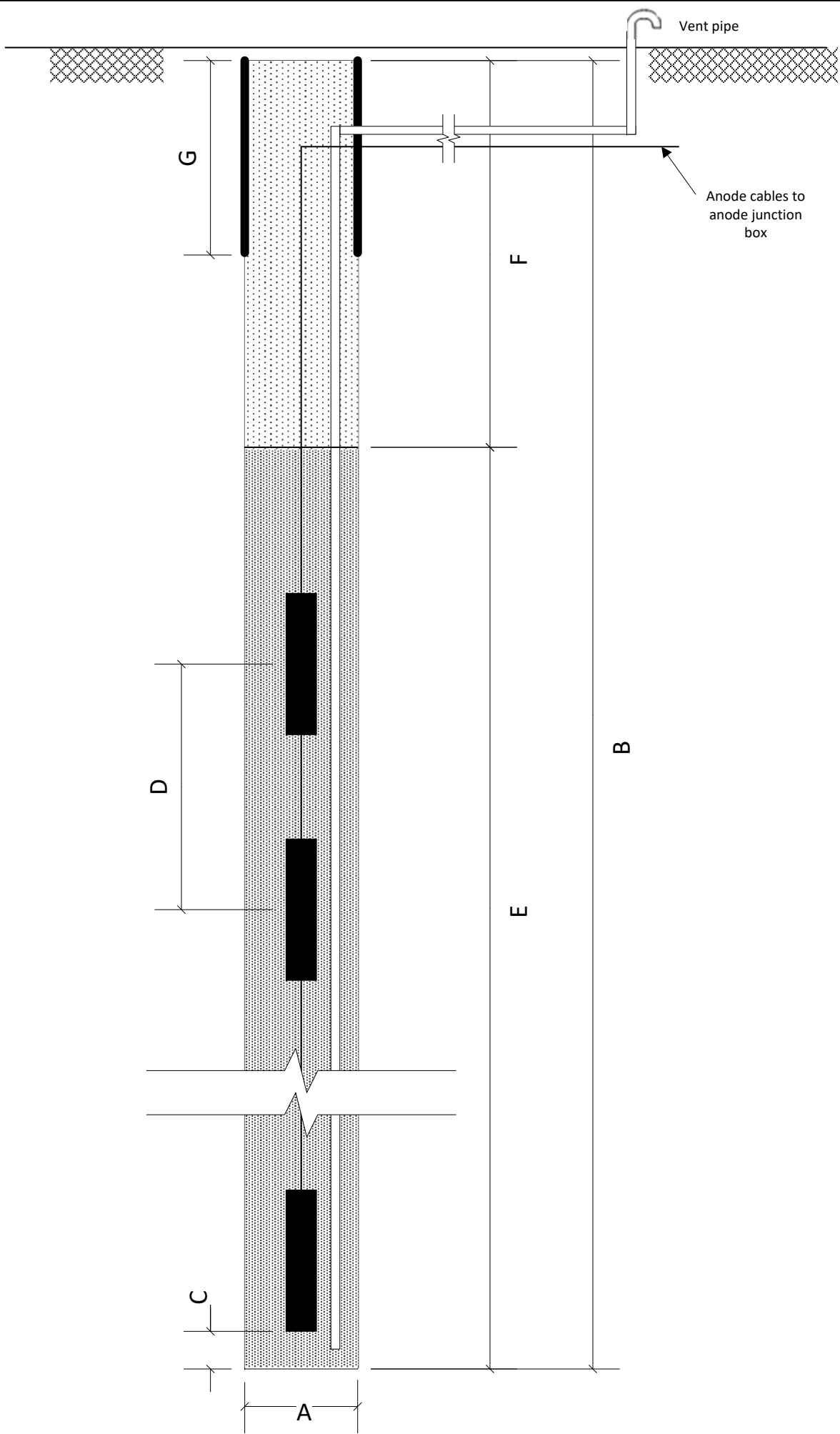
Form	ACO1 - Well Completion
Operator	Tallgrass Interstate Gas Transmission, LLC
Well Name	SHIELDS WELL #1
Doc ID	1868677

Casing

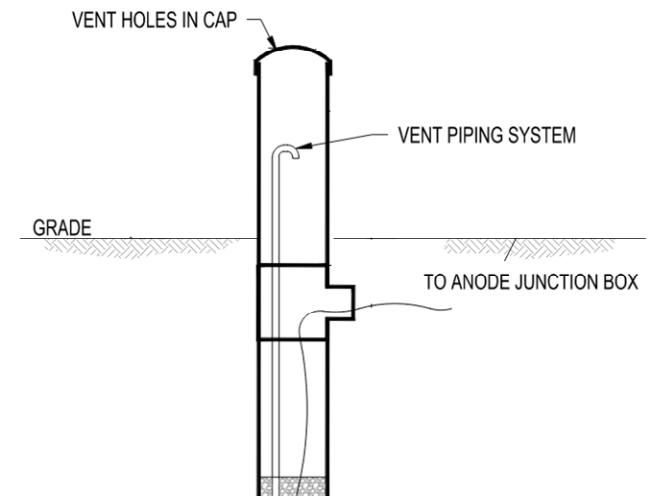
Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	16	10	11.132	20	100% Bentonite Chips	11	100% Bentonite

DEEPWELL GROUND BED DIMENSIONS			
DIMENSION	DESCRIPTION	VALUE	UNITS
A	Hole Diameter	10	IN.
B	Well Depth	300	FT.
C	First Anode from Bottom	50	FT.
D	Anode Spacing	10	FT.
E	Coke Column	250	FT.
F	Hole Plug Column	50	FT.
G	PVC Casing Length	20	FT.
-	Number of Anodes	15	EA
-	Anode Diameter	1	IN.
-	Anode Length	90	IN.

DEEP WELL SCHEMATIC TEMPLATE



IMPRESSIONED CURRENT CATHODIC PROTECTION-
DEEP ANODE GROUND BED BELOW GRADE COMPLETION DETAIL



IMPRESSIONED CURRENT CATHODIC PROTECTION-
DEEP ANODE GROUND BED ABOVE GRADE COMPLETION DETAIL

TALLGRASS			TITLE	
			Shields Well #1	
REV.	REVISED DATE	DRAWN BY	DATE	AFE#
0	11/06/25	Cooper Taylor	11/06/25	12896
SUPERVISOR REVIEW			DATE	
Andy Cline			11/06/2025	
ENGINEERING APPROVAL			DATE	
Caitlin Kennedy			11/06/2025	
COMMISSIONED BY			DATE	
Cooper Taylor			11/06/2025	