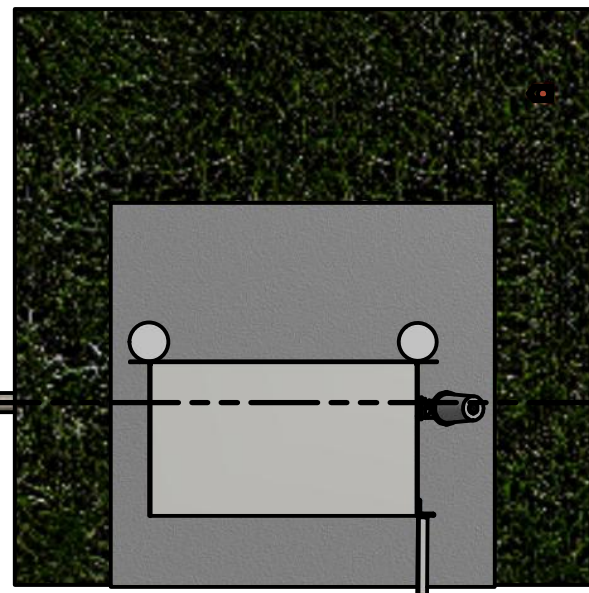


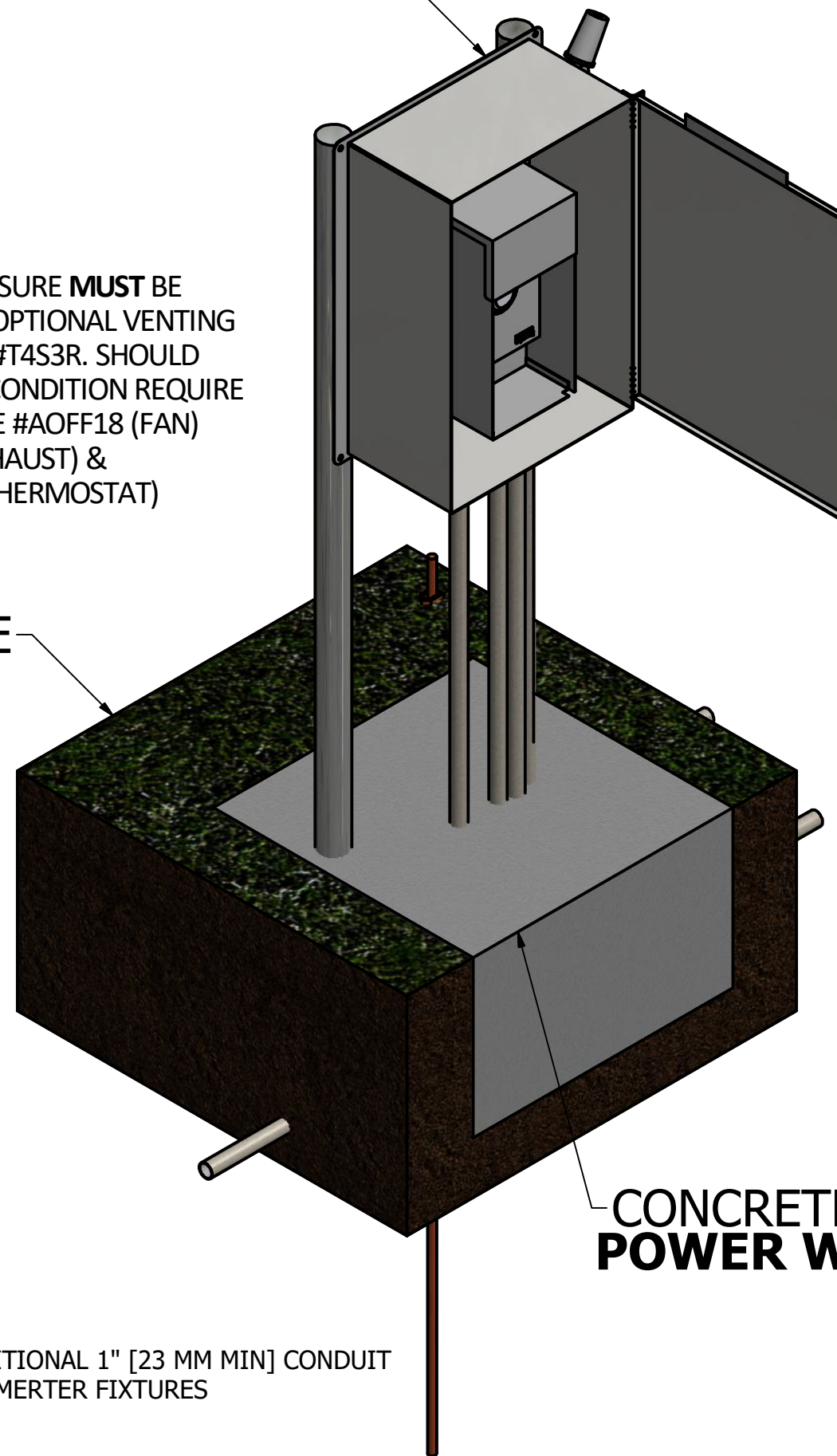
# TOP VIEW



HOFFMAN OUTDOOR MOUNT ENCLOSURE  
# A20H16BLP

**NOTE:**  
HOFFMAN ENCLOSURE MUST BE PROVIDED WITH OPTIONAL VENTING SHROUD MODEL #T4S3R. SHOULD CUSTOMER SITE CONDITION REQUIRE COOLING FAN USE #AOFF18 (FAN) #AOEEFG118 (EXHAUST) & #ATEMNO (FAN THERMOSTAT)

# ISOMETRIC VIEW

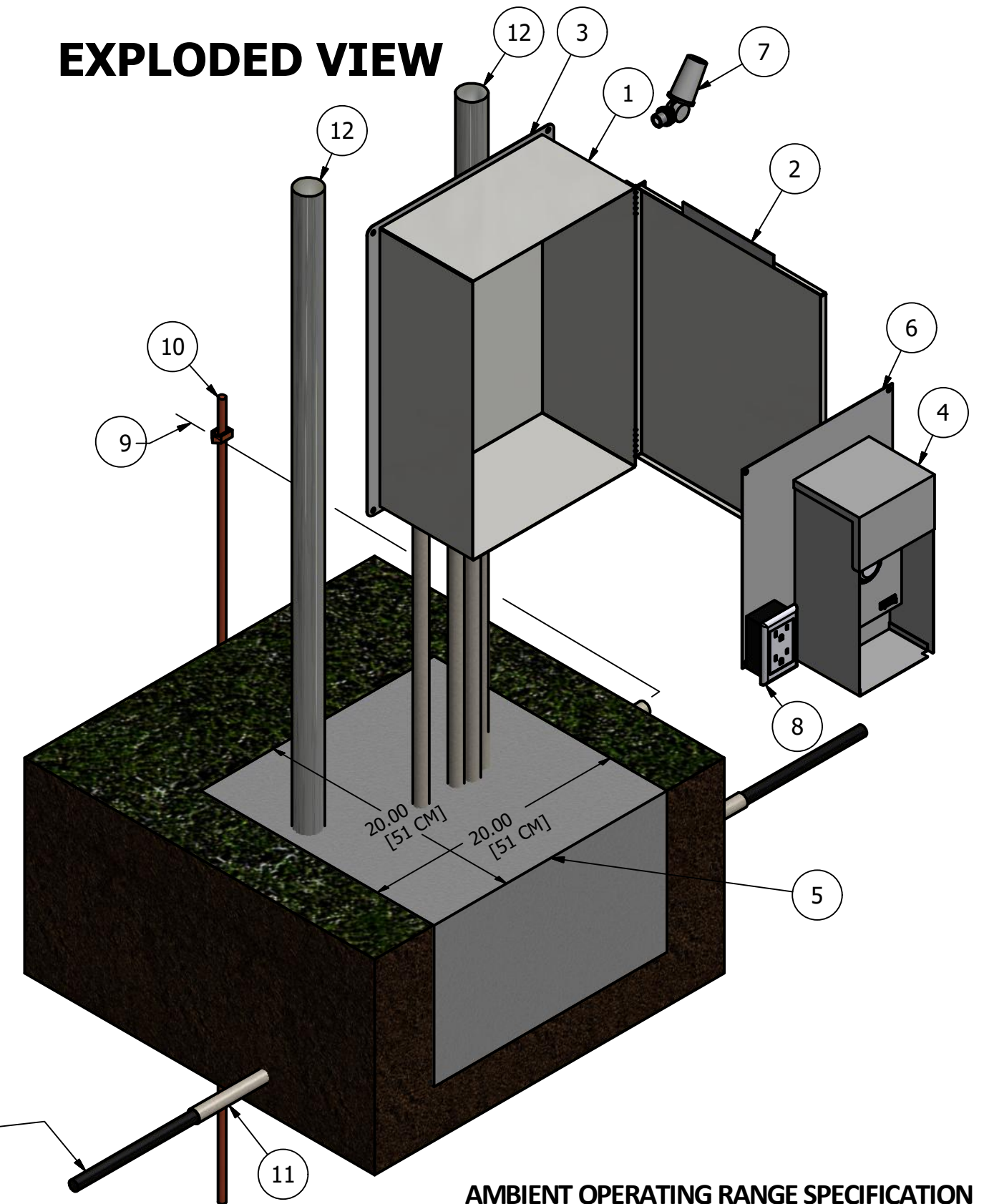


GRADE

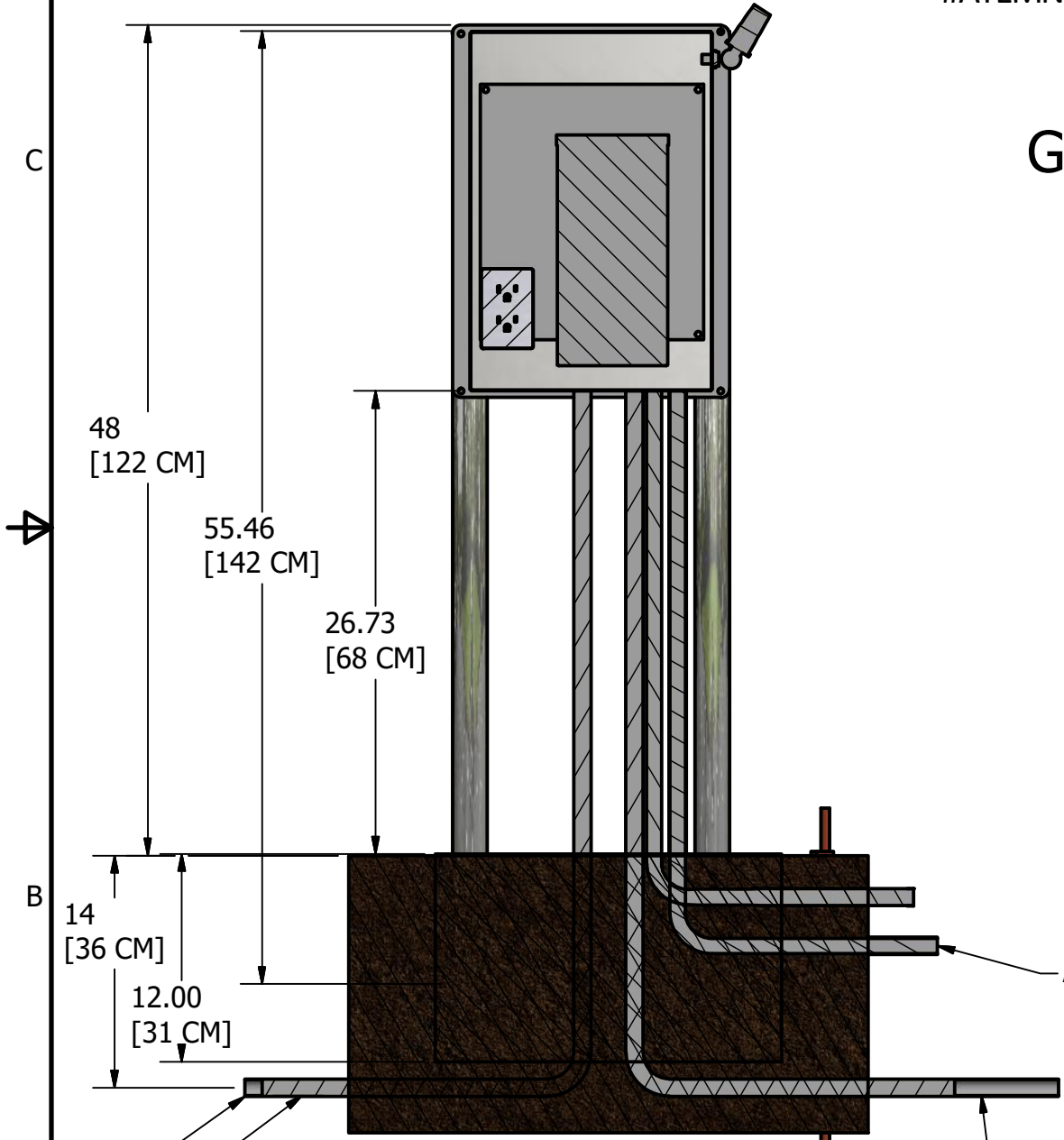
CONCRETE PAD  
POWER WIRE

120 / 277 VOLT 1 PHASE 50/60 HZ POWER OR EUROPEAN  
220/240 VOLT 1 PHASE 50/60 HZ POWER  
USE THHN WIRE. OR USE DIRECT BURIAL  
WIRE INSTALLED WITH VIBRATORY PLOUGH

# EXPLODED VIEW



**AMBIENT OPERATING RANGE SPECIFICATION**  
100% OF RATED CAPACITY 40 °C  
92% OF RATED CAPACITY 50 °C  
83% OF RATED CAPACITY 60 °C  
55% OF RATED CAPACITY 70 °C



SECTION A-A  
SCALE .1

TO NEXT TRANSFORMER

**NOTE:**  
SCALE US INCHES  
[CENTEMETER]

ADD ADDITIONAL 1" [23 MM MIN] CONDUIT FOR PERIMETER FIXTURES

BURY CONDUIT  
POWER SUPPLY FROM POWER SOURCE WIRE GAUGE TO BE DETERMINED BY ON SITE ELECTRICAL ENGINEER.

**TRANSFORMER PRIMARY POWER REQUIREMENTS**

MODEL #	VOLT / AMP INPUT	VOLTAGE	AMP
CPT300	300 WATT	120V 50/60 HZ	3.0 A
CPT600	600 WATT	120V 50/60 HZ	6.0 A
CPT1200	1200 WATT	120V 50/60 HZ	12.0 A
E1CPT300	300 WATT	220/240 50/60HZ	1.5A
E1CPT600	600 WATT	220/240 50/60HZ	3.0A
E1CPT1200	1200 WATT	220/240 50/60HZ	6.0A

ITEM		PARTS LIST	
QTY	PART NUMBER	DESCRIPTION	
1	MOUNTING HOFFMAN BOX	20" [51 CM] W x 16" [41 CM] H x 8" [20 CM] D	
2	HOFFMAN BOX DOOR	DOOR FOR A20H16BLP VENT KIT #T4S3R OR SEE ABOVE # FOR FAN KIT	
3	BACKPLATE BOX	SUPPORT BACKPLATE A20H16BLP	
4	TRANSFORMER	MULTI-TAP TRANSFORMER	
5	CONCRETE	20" x 20" [51 CM X 51 CM] FOR SUPPORT	
6	PANEL HOFFMAN BOX	17" [43 CM] W x 13" [33 CM] H	
7	CTPC	CAST Plug-In Photo Cell OPTIONAL	
8	GFI receptacle	SIZE TO POWER USED	
9	GROUND WIRE #8GA	1" [23 MM] FOR GROUND WIRE TO #8, # 1	
10	GROUNDING ROD	5' [152 CM] FOOT GROUNDING ROD	
11	1" SCH 40 CONDUIT	POWER SUPPLY FEED	
12	POST	2.5" O.D [8 CM] GALVANIZED STEEL PIPE FENCE POST WITH RAIN CAP	

## CAST PERIMETER™

LED SECURITY LIGHTING SOLUTIONS

1120-A Goffle Road Hawthorne, NJ 07506    cast-lighting.com    973.423.2303

DRAWN Juan Galicia CHECKED DB	2/4/2016  2/1/2018	TITLE  <b>SINGLE TRANSFORMER INSTALLATION DETAIL</b>
THIS CORRESPONDENCE AND ALL ATTACHMENTS, CONTAINS INFORMATION PROPRIETARY TO CAST LIGHTING, LLC. IT IS SUBMITTED IN CONFIDENCE AND IS TO BE USED SOLELY FOR THE PURPOSE FOR WHICH IT IS FURNISHED AND RETURNED UPON REQUEST. THIS INFORMATION IS NOT TO BE REPRODUCED, TRANSMITTED, DISCLOSED, OR USED OTHERWISE IN WHOLE OR IN PART WITHOUT WRITTEN AUTHORIZATION OF CAST LIGHTING, LLC.	SIZE <b>C</b>	DWG NO <b>HOFFMAN TRANSFORMER</b>
SCALE	REV	SHEET 1 OF 1