

HFR DESIGN

214 Centerview Dr.
Suite 300
Brentwood, TN 37027
615-370-8500
hfrdesign.com

ADDENDUM NO. 1

September 11, 2017

RE: Robertson County Solid Waste/
Recycling Convenience Center
Cedar Hill, TN
HFR Project No. 2016172

FROM: HFR DESIGN, INC.
214 Centerview Drive, Suite 300
Brentwood, Tennessee
(615) 370-8500, FAX = (615) 370-8530

TO: Prospective Bidders



This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated August 23, 2017, as noted below. Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may subject Bidder to disqualification.

This Addendum consists of 2 pages and the attached Documents:

Title	Pages
DRAWING C4.01 – UTILITY PLAN	1
DRAWING E1.01 – ELECTRICAL SITE PLAN	1
DRAWING E2.01 – ELECTRICAL DETAILS	1

CHANGES TO THE SPECIFICATIONS:

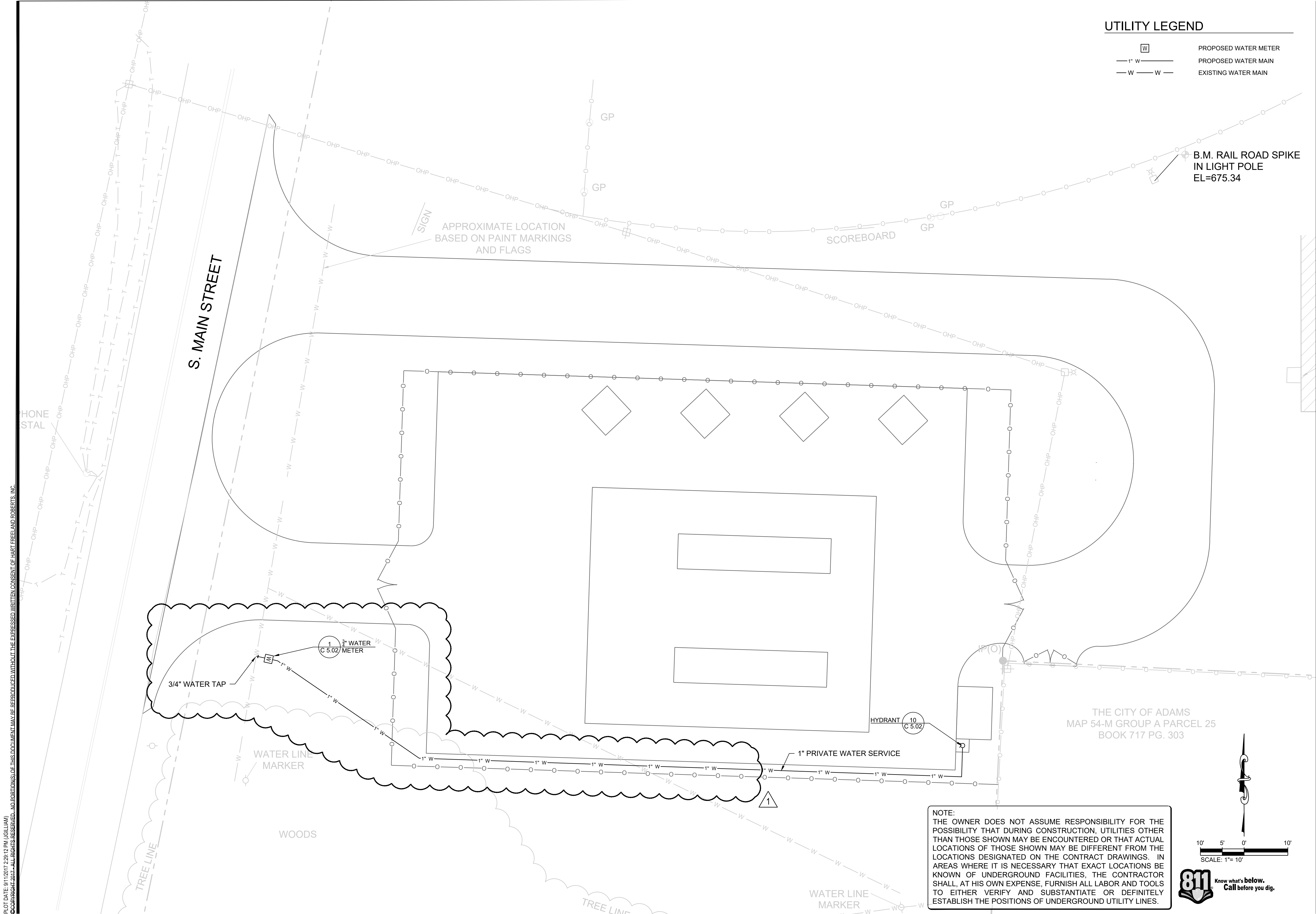
- 1-1 SECTION 012113 – CASH ALLOWANCES; Delete Paragraph 3.1 A. Electrical Service Connection Fee. Robertson County will pay all CEMC charges directly for 3 phase service to the site and security lighting poles and fixtures.
- 1-2 SECTION 265600 – EXTERIOR LIGHTING; Delete Section 265600 in its entirety.
- 1-3 SECTION 331100 – WATER DISTRIBUTION SYSTEM: Add the following as an acceptable pipe material as 2.2 B.
 - B. Cross-Linked Polyethylene (PEXa) Pipe: AWWA C901:
 - 1. Produced in accordance with AWWA C904.
 - 2. Required 200 psi pressure rating at 73.4°F (23°F) when using a 0.63 design factor.
 - 3. Required 1 year UV resistance rating in accordance with ASTM F876.
 - 4. Approved AWWA C800 compression joint valves and fittings, suitable for buried applications, using stainless steel liners inside pipe at each joint and/or cold-expansion and compression-sleeve fittings.

CHANGES TO THE DRAWINGS:

- 1-4 DRAWING C1.01 – SITE PLAN: Add the following note to the Sheet:
“The anchors securing the steel plate to the concrete shall be ½” diameter, placed at a minimum 4’-0” on center and within 4” of the ends and sides. The exposed surface of the steel plate shall not have exposed bolts or fasteners that would prevent the compactor being rolled into place.”
- 1-5 DRAWING C4.01 – Utility Plan: Revise the location of the water meter and tap per the revised plan. Delete the drawing as originally issued and replace with the attached.

- 1-6 DRAWING E1.01 – ELECTRICAL SITE PLAN: Delete the drawing as originally issued and replace with the attached; changes include:
- a. Adjust the location of two CEMC security light poles. Work to be performed by CEMC, shown for coordinating purposes only.
 - b. Added note for Contractor connection to compactor motor. Owner will furnish two compactor motor units, contractor shall bolt each to the concrete pad and make all electrical connections.
- 1-7 DRAWING E2.01 – ELECTRICAL DETAILS: Delete the drawing as originally issued and replace with the attached; changes include:
- a. Revised Panel A circuit requirements for compactors.
 - b. Added weather head and underground connection for Panel A and the existing panel.

END OF ADDENDUM NUMBER 1



UTILITY LEGEND

- W PROPOSED WATER METER
- 1" W — PROPOSED WATER MAIN
- W — EXISTING WATER MAIN

B.M. RAIL ROAD SPIKE
IN LIGHT POLE
EL=675.34

SIGN
APPROXIMATE LOCATION
BASED ON PAINT MARKINGS
AND FLAGS

SCOREBOARD

S. MAIN STREET

HONE
STAL

3/4" WATER TAP
1 3/4" WATER METER
(C 5.02)

WATER LINE
MARKER

WOODS

TREE LINE

TREE LINE

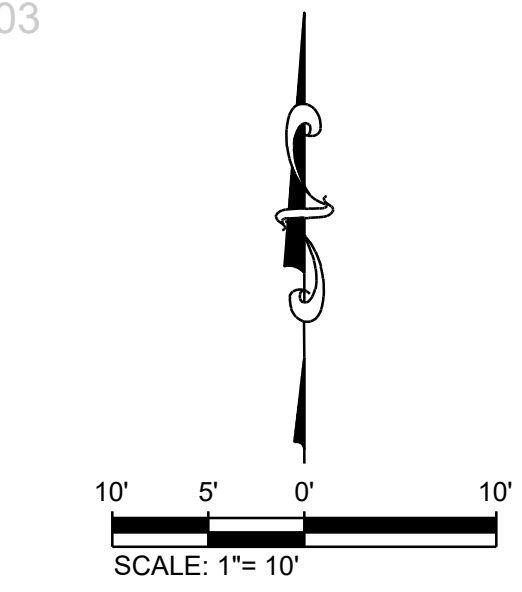
WATER LINE
MARKER

HYDRANT
10
(C 5.02)

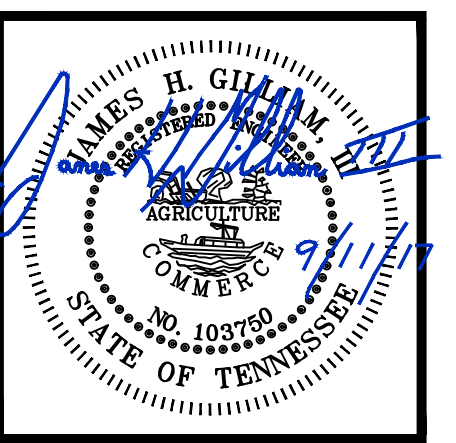
1" PRIVATE WATER SERVICE

THE CITY OF ADAMS
MAP 54-M GROUP A PARCEL 25
BOOK 717 PG. 303

NOTE:
THE OWNER DOES NOT ASSUME RESPONSIBILITY FOR THE POSSIBILITY THAT DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED OR THAT ACTUAL LOCATIONS OF THOSE SHOWN MAY BE DIFFERENT FROM THE LOCATIONS DESIGNATED ON THE CONTRACT DRAWINGS. IN AREAS WHERE IT IS NECESSARY THAT EXACT LOCATIONS BE KNOWN OF UNDERGROUND FACILITIES, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, FURNISH ALL LABOR AND TOOLS TO EITHER VERIFY AND SUBSTANTIATE OR DEFINITELY ESTABLISH THE POSITIONS OF UNDERGROUND UTILITY LINES.



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NO.	DATE	DESCRIPTION
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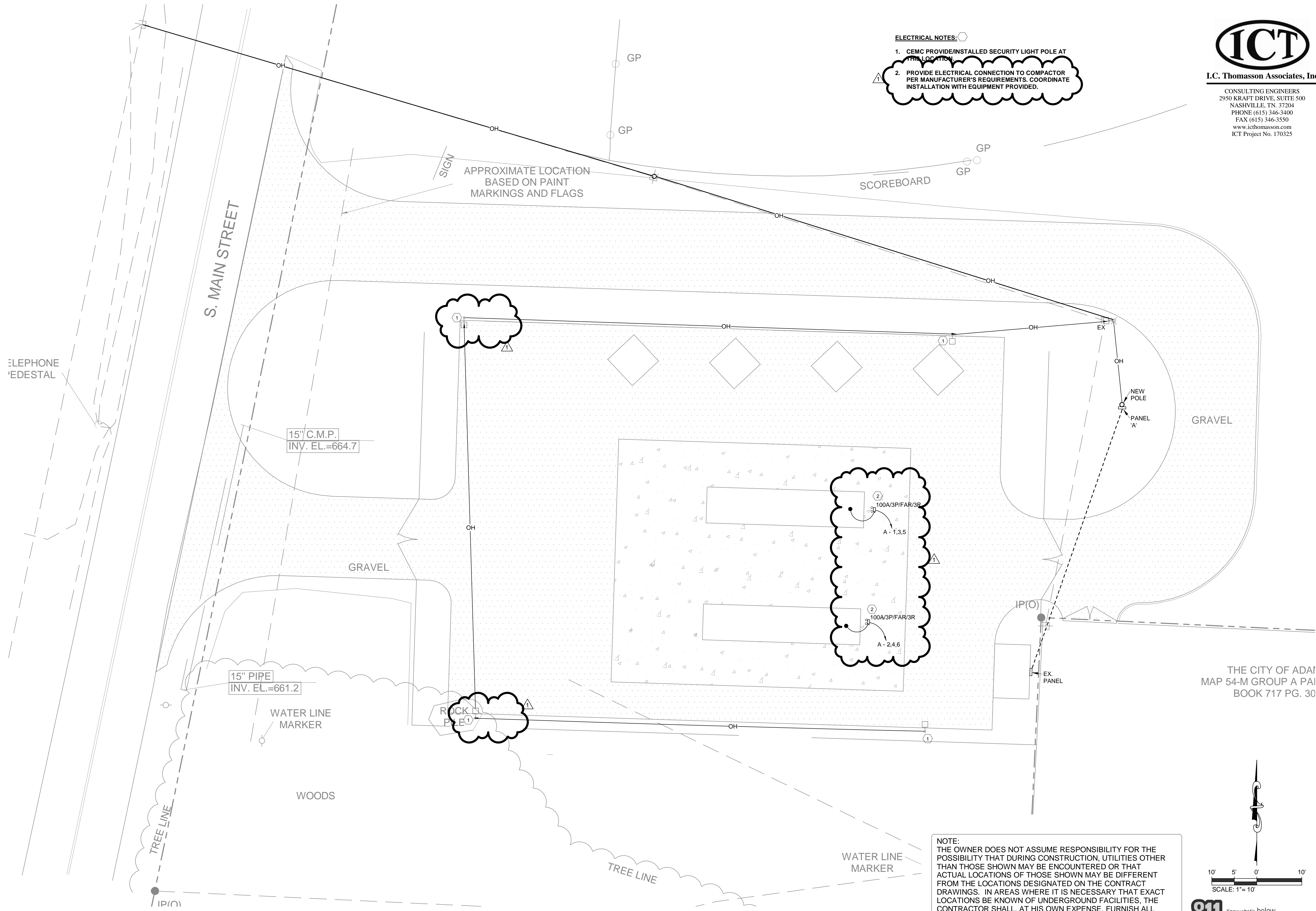
CONVENIENCE CENTER
ROBERTSON CO. SOLID WASTE/RECYCLING
SOUTH MAIN STREET
CEDAR HILL, TENNESSEE 37032

HFR PROJECT NO.: 2016172
DATE: JULY 13, 2017
PM REVIEWER:
QC REVIEWER:

UTILITY PLAN

C
4.01

PLOT DATE: 9/11/2017 2:28:12 PM (JGILLIAM)
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ELECTRICAL NOTES:

1. CEMC PROVIDE/INSTALLED SECURITY LIGHT POLE AT THE LOCATION.
2. PROVIDE ELECTRICAL CONNECTION TO COMPACTOR PER MANUFACTURER'S REQUIREMENTS. COORDINATE INSTALLATION WITH EQUIPMENT PROVIDED.

ICT
I.C. Thomasson Associates, Inc.
 CONSULTING ENGINEERS
 2950 KRAFT DRIVE, SUITE 500
 NASHVILLE, TN. 37204
 PHONE (615) 346-3400
 FAX (615) 346-3550
 www.ictthomasson.com
 ICT Project No. 170325

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NO.	DATE	DESCRIPTION
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CONVENIENCE CENTER
 ROBERTSON CO. SOLID WASTE/RECYCLING
 2235 OLD WASHINGTON ROAD
 CEDAR HILL, TENNESSEE 37032

HFR PROJECT NO.: 2016172
 DATE: AUGUST 23, 2017
 PM REVIEWER:
 QC REVIEWER:

**ELECTRICAL -
 SITE PLAN**

E1.01

NOTE:
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THE CITY OF ADAI
 MAP 54-M GROUP A PAI
 BOOK 717 PG. 30

SCALE: 1" = 10'

Branch Panel: A

Location:
Supply From:
Mounting: Surface
Enclosure: Type 3R

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000 A
Mains Type: MCB
Mains Rating: 200 A
MCB Rating: 200 A

Notes:

CKT	Circuit Description	Demand Code	T	I	P	A			C			P	I	T	RIP	Code	Circuit Description	CKT
						5796	5796	5796	5796	5796	5796							
1	COMPACTOR (3 #2, #8 GND., 1-1/4" C.)	Motor	90	A	3								3	90 A	Motor	COMPACTOR (3 #2, #8 GND., 1-1/4" C.)	2	
3	--	--	--	--	--		5796	5796					--	--	--	--	4	
5	--	--	--	--	--								--	--	--	--	6	
7	--	--	--	--	--				5796	5796			--	--	--	--	10	
9	--	--	--	--	--								--	--	--	--	12	
11	--	--	--	--	--								--	--	--	--	14	
13	--	--	--	--	--								--	--	--	--	16	
15	--	--	--	--	--								--	--	--	--	18	
17	--	--	--	--	--								--	--	--	--	20	
19	--	--	--	--	--								--	--	--	--	22	
21	--	--	--	--	--								--	--	--	--	24	
23	--	--	--	--	--								--	--	--	--	26	
25	--	--	--	--	--								--	--	--	--	28	
27	--	--	--	--	--								--	--	--	--	30	
29	--	--	--	--	--								--	--	--	--	32	
31	--	--	--	--	--								--	--	--	--	34	
33	--	--	--	--	--								--	--	--	--	36	
35	--	--	--	--	--								--	--	--	--	38	
37	--	--	--	--	--								--	--	--	--	40	
39	--	--	--	--	--								2	200 A	Other	EX. PANEL	42	
41	--	--	--	--	--				0				--	--	--	--		
						Total Load:	11592 VA	11592 VA	11592 VA									
						Total Amps:	97 A	97 A	97 A									

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	34776 VA	100.00%	34776 VA	Total Conn. Load:	34776 VA
				Total Est. Demand:	34776 VA
				Total Conn. Current:	97 A
				Total Est. Demand Current:	97 A

Notes:



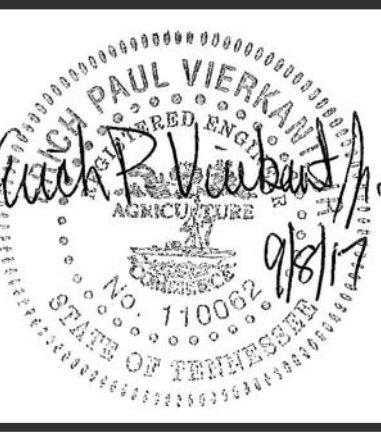
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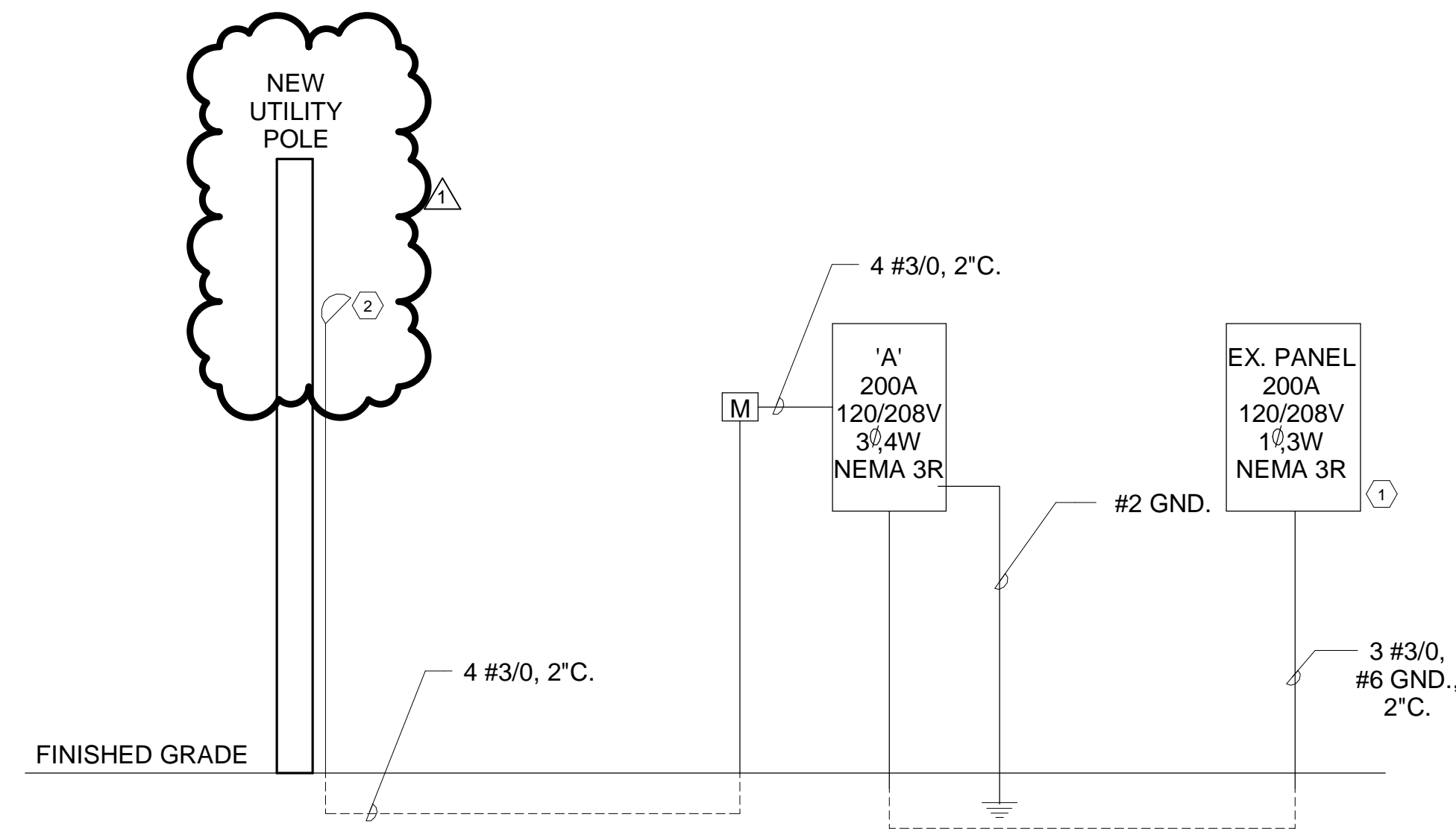
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PARTIAL ELECTRICAL RISER DETAIL

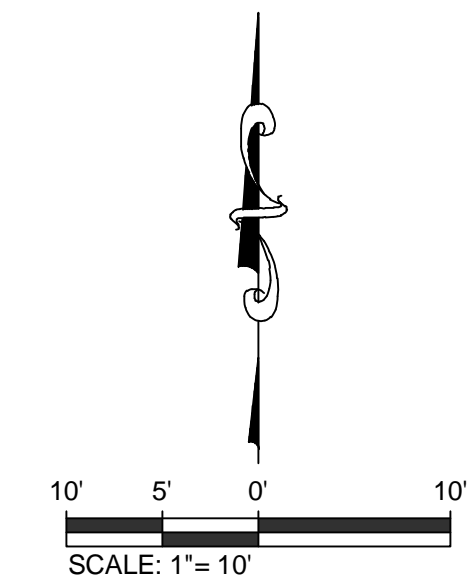
N.T.S.

ELECTRICAL RISER NOTES:

1. CONTRACTOR SHOULD REMOVE NEUTRAL-GROUND BOND IF PRESENT.
2. CONTRACTOR TO PROVIDE WEATHER HEAD, CONDUIT, POINT(S) OF ATTACHMENT, ETC. FOR UTILITY CONNECTION. COORDINATE WITH CEMC ALL REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR ALL REQUIREMENTS AND ALL ITEMS ON RISER DETAIL.

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ELECTRICAL DETAILS

E2.01

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