SITE survey. APP

SITE SURVEY REPORT

Extension Cord and Temporary Power Inspection

Prepared for	Four Lakes Builders Inc.
Date	7 Oct 2026
Site	Lakeview Middle School classroom addition, Madison, WI
Prepared by	K. Brandt

FORM

Extension Cord and Temporary Power Inspection

1. Site and program

Project	Lakeview Middle School classroom addition, Madison, WI: temporary power and cord inspection (completed example)
Site address	2210 Lakeview Drive, Madison, WI 53704
General contractor or owner	Four Lakes Builders Inc.
Location (GPS)	43.1189, -89.3517
Inspection date	7 Oct 2026
Inspected by	K. Brandt
Employer	Four Lakes Builders Inc.
Electrical contractor for temporary power	Capitol Square Electric LLC
Ground-fault protection used on this site	Both: GFCIs and an AEGCP
Competent person designated for the AEGCP	K. Brandt, assistant superintendent
Written description of the program available at the jobsite?	Yes
How passed equipment is recorded	Color coding
Color, tape or tag for this test period, if you use one	Green tape at the plug end for October to December 2026
This test period ends	6 Jan 2027

> The rule. On US construction sites the employer protects employees with either ground-fault circuit interrupters or an assured equipment grounding conductor program (29 CFR 1926.404(b)(1)). With GFCIs, every 120-volt, single-phase, 15- and 20-amp receptacle outlet that is not part of the permanent wiring and is in use has an approved GFCI. The AEGCP covers all cord sets, temporary receptacles and cord-and-plug equipment.

> AEGCP. A written description at the jobsite, one or more competent persons, a visual check before each day's use, and tests of grounding conductor continuity and correct attachment: before first use, after repair, after any incident that may have caused damage, and at least every 3 months (6 months for cord sets and receptacles that are fixed and not exposed to damage). Record each tested item and its date by a log, color coding or other effective means (1926.404(b)(1)(iii)).

2. Temporary panels and spider boxes

Power sources 1: Temporary panel TP-1

Panel or box	Temporary panel TP-1
Type	Temporary power panel
Location	North side of the addition, by the site trailer
Fed from	Utility temporary service
Covers, dead fronts and blank plates in place, no exposed live parts	Acceptable
Unused openings closed and cord entries protected from abrasion	Acceptable
Circuits and disconnects labeled for their purpose	Acceptable
Receptacles of the grounding type, none damaged	Acceptable
Protected from vehicles, weather and water	Acceptable
Working space in front kept clear, not used for storage	Acceptable

GFCI devices and receptacles tested here 1: TP-1 circuit 1

GFCI or receptacle ID	TP-1 circuit 1
Type	GFCI breaker
Test button trips it?	Yes
Resets and restores power?	Yes
Also checked with a plug-in GFCI tester?	Yes
Result	Pass

GFCI devices and receptacles tested here 2: TP-1 circuit 3

GFCI or receptacle ID	TP-1 circuit 3
Type	GFCI breaker
Test button trips it?	Yes
Resets and restores power?	Yes

Also checked with a plug-in GFCI tester?	Yes
Result	Pass
Result	No problems found

Photos (cover open and closed, labels)



Power sources 2: Spider box SB-2

Panel or box	Spider box SB-2
Type	Spider box or portable distribution box
Location	Level 2 deck, east stair
Fed from	TP-1
Covers, dead fronts and blank plates in place, no exposed live parts	Acceptable
Unused openings closed and cord entries protected from abrasion	Acceptable
Circuits and disconnects labeled for their purpose	Acceptable
Receptacles of the grounding type, none damaged	Acceptable
Protected from vehicles, weather and water	Acceptable
Working space in front kept clear, not used for storage	Acceptable

GFCI devices and receptacles tested here 1: SB-2 outlets 1 to 3

GFCI or receptacle ID	SB-2 outlets 1 to 3

Type	GFCI built into the spider box
Test button trips it?	Yes
Resets and restores power?	Yes
Also checked with a plug-in GFCI tester?	Yes
Result	Pass

GFCI devices and receptacles tested here 2: SB-2 outlets 4 to 6

GFCI or receptacle ID	SB-2 outlets 4 to 6
Type	GFCI built into the spider box
Test button trips it?	Yes
Resets and restores power?	Yes
Also checked with a plug-in GFCI tester?	Yes
Result	Pass
Result	No problems found

Photos (cover open and closed, labels)



Panels and boxes checked	2
GFCIs tested	4
GFCIs failed	0
Problems at panels and boxes	0

3. Cords and cord-and-plug equipment

> Under an AEGCP, each cord set, plug, connector and piece of cord-and-plug equipment is checked by eye before each day's use for deformed or missing pins, insulation damage and signs of internal damage, and is not used until repaired if damaged (1926.404(b)(1)(iii)(C)). Extension cord sets for portable tools are three-wire and rated for hard or extra-hard usage (1926.405(a)(2)(ii)(J)).

Areas where cords are used 1: Level 1, classrooms 101 to 104

Area	Level 1, classrooms 101 to 104
Fed from (panel or box)	TP-1
Cords protected from damage, sharp corners and pinch points	Acceptable
No cords stapled, hung from nails or suspended by wire	Acceptable
No worn or frayed cords in use	Acceptable
Cords out of water and routed clear of walkways where possible	Acceptable

Cords and equipment checked here 1: C-01

Cord or equipment ID	C-01
What it is	Extension cord set
Type marking on the jacket	SJTW 12/3
Length (ft)	50
Three-wire, grounding type, hard or extra-hard usage?	Yes
Visual check	Pass
Why tested now	Regular test (interval not over 3 months)
Grounding conductor continuity	Pass
Grounding conductor on its proper terminal (plug and receptacle)	Pass
Polarity, if your tester shows it	Pass
Color or tag applied	Green tape, Oct to Dec 2026
Test result	Both required tests passed
Outcome	In service

Cords and equipment checked here 2: C-02

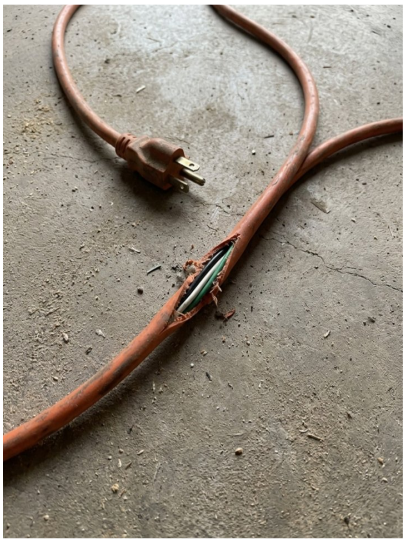
Cord or equipment ID	C-02
What it is	Extension cord set
Type marking on the jacket	SJTW 12/3
Length (ft)	50
Three-wire, grounding type, hard or extra-hard usage?	Yes
Visual check	Pass
Why tested now	Regular test (interval not over 3 months)
Grounding conductor continuity	Pass
Grounding conductor on its proper terminal (plug and receptacle)	Pass
Polarity, if your tester shows it	Pass
Color or tag applied	Green tape, Oct to Dec 2026
Test result	Both required tests passed
Outcome	In service

Cords and equipment checked here 3: C-03

Cord or equipment ID	C-03
What it is	Extension cord set
Type marking on the jacket	SJTW 12/3
Length (ft)	50
Three-wire, grounding type, hard or extra-hard usage?	Yes
Visual check	Fail
Defects found	Cut, cracked or worn jacket, Exposed inner conductors
Why tested now	Regular test (interval not over 3 months)
Grounding conductor continuity	Not tested
Grounding conductor on its proper terminal (plug and receptacle)	Not tested
Polarity, if your tester shows it	Not tested

Test result	Required tests not complete
Outcome	Removed from service
What happened to it	Cut and thrown away
What was found	Jacket cut through about 3 ft from the plug end, inner conductors showing. Found coiled by the classroom 103 door.

Photos of the defect



Cords and equipment checked here 4: C-04

Cord or equipment ID	C-04
What it is	Extension cord set
Type marking on the jacket	SJOW 14/3
Length (ft)	25
Three-wire, grounding type, hard or extra-hard usage?	Yes
Visual check	Pass
Why tested now	Regular test (interval not over 3 months)
Grounding conductor continuity	Pass
Grounding conductor on its proper terminal (plug and receptacle)	Pass
Polarity, if your tester shows it	Pass
Color or tag applied	Green tape, Oct to Dec 2026
Test result	Both required tests passed

Outcome	In service

Cords and equipment checked here 5: T-11

Cord or equipment ID	T-11
What it is	Cord-and-plug tool or equipment
Type marking on the jacket	Not marked, tool cord
Length (ft)	8
Visual check	Pass
Why tested now	Before first use
Grounding conductor continuity	Pass
Grounding conductor on its proper terminal (plug and receptacle)	Pass
Polarity, if your tester shows it	Pass
Color or tag applied	Green tape, Oct to Dec 2026
Test result	Both required tests passed
Outcome	In service
Area result	Faulty cords removed

Areas where cords are used 2: Level 2 deck, east wing

Area	Level 2 deck, east wing
Fed from (panel or box)	SB-2
Cords protected from damage, sharp corners and pinch points	Acceptable
No cords stapled, hung from nails or suspended by wire	Acceptable
No worn or frayed cords in use	Acceptable
Cords out of water and routed clear of walkways where possible	Acceptable

Cords and equipment checked here 1: C-05

Cord or equipment ID	C-05
What it is	Extension cord set
Type marking on the jacket	SOOW 10/3

Length (ft)	100
Three-wire, grounding type, hard or extra-hard usage?	Yes
Visual check	Pass
Why tested now	Regular test (interval not over 3 months)
Grounding conductor continuity	Pass
Grounding conductor on its proper terminal (plug and receptacle)	Pass
Polarity, if your tester shows it	Pass
Color or tag applied	Green tape, Oct to Dec 2026
Test result	Both required tests passed
Outcome	In service

Cords and equipment checked here 2: C-06

Cord or equipment ID	C-06
What it is	Extension cord set
Type marking on the jacket	SJTW 12/3
Length (ft)	50
Three-wire, grounding type, hard or extra-hard usage?	Yes
Visual check	Pass
Why tested now	Regular test (interval not over 3 months)
Grounding conductor continuity	Pass
Grounding conductor on its proper terminal (plug and receptacle)	Pass
Polarity, if your tester shows it	Pass
Color or tag applied	Green tape, Oct to Dec 2026
Test result	Both required tests passed
Outcome	In service

Cords and equipment checked here 3: C-07

Cord or equipment ID	C-07

What it is	Extension cord set
Type marking on the jacket	SJTW 12/3
Length (ft)	100
Three-wire, grounding type, hard or extra-hard usage?	Yes
Visual check	Pass
Why tested now	After an incident that may have caused damage
Grounding conductor continuity	Fail
Grounding conductor on its proper terminal (plug and receptacle)	Pass
Polarity, if your tester shows it	Not tested
Test result	Failed a test
Outcome	Removed from service
What happened to it	Tagged out and held for repair
What was found	Run over by the pallet jack on the deck on 6 Oct. No outer damage seen, but the grounding conductor reads open between plug and connector.

Photos of the defect

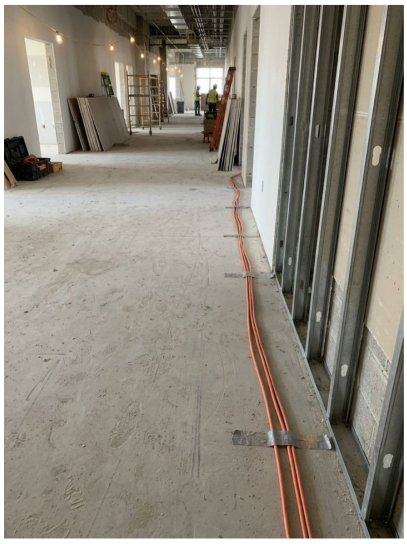


Cords and equipment checked here 4: L-02

Cord or equipment ID	L-02
What it is	Temporary lighting string
Type marking on the jacket	SJTW 12/3

Length (ft)	100
Visual check	Pass
Why tested now	Regular test (interval not over 3 months)
Grounding conductor continuity	Pass
Grounding conductor on its proper terminal (plug and receptacle)	Pass
Polarity, if your tester shows it	Pass
Color or tag applied	Green tape, Oct to Dec 2026
Test result	Both required tests passed
Outcome	In service
Area result	Faulty cords removed

Photos of the cord runs



Cords and equipment checked	9
Passed both grounding tests	7
Removed from service	2
Failed but still in service	0
Problems with cord runs	0
Cord result	Faulty cords taken out of use

4. Result, actions and sign-off

Items needing action	2

Result	Action needed before the next use

Actions 1: Replace C-03 and C-07 with tested cords so the level 1 and level 2 crews are not short of power.

Action	Replace C-03 and C-07 with tested cords so the level 1 and level 2 crews are not short of power.
Priority	Today
Who will do it	K. Brandt
Due by	7 Oct 2026
Status	Done, checked

Actions 2: Replace the cord cap on C-07, retest continuity and the grounding terminal before it goes back on site.

Action	Replace the cord cap on C-07, retest continuity and the grounding terminal before it goes back on site.
Priority	Before the next test period
Who will do it	Capitol Square Electric LLC
Due by	14 Oct 2026
Status	Open

Actions 3: Ask the drywall sub to keep cords off the deck traffic route by the hoist; C-07 was run over by the pallet jack.

Action	Ask the drywall sub to keep cords off the deck traffic route by the hoist; C-07 was run over by the pallet jack.
Priority	This week
Who will do it	K. Brandt
Due by	9 Oct 2026
Status	In progress
Actions still open	2
Decision	In use: actions to finish
Next check or re-inspection date	14 Oct 2026

Summary for the client	AEGCP tests and the visual check on 9 items across both floors: seven extension cords, a temporary lighting string and a tool cord. Two cords removed from service: C-03 with a cut jacket showing the inner conductors, and C-07, which failed the grounding continuity test after being run over. All four GFCIs at TP-1 and SB-2 tripped and reset. Passed items carry the green tape for October to December.
Competent person name	K. Brandt
Competent person signature	
Site superintendent name	P. Halvorsen
Site superintendent signature	