

PRELIMINARY
30% REVIEW

Hight Jackson
ASSOCIATES
5201 W Village Parkway, Suite 3001 Rogers, Arkansas 72768 | (479) 464-4965 | www.hjarch.com

A NEW FACILITY FOR
BWHS - Locker Room Building
Center ton, AR

DRAWN BY:
G.S.
CHECK BY:
M.T.R.
ISSUE DATE:
02/02/2026

PROJECT NO:
0000
REVISION DATES

ELECTRICAL SITE PLAN

SHEET
ES1.0

COPYRIGHT 2026
THESE DRAWINGS AND SPECIFICATIONS ARE
THE EXCLUSIVE PROPERTY OF
HIGHT JACKSON ASSOCIATES P.A.
USE OR REPRODUCTION IS PROHIBITED
WITHOUT WRITTEN CONSENT

GENERAL ELECTRICAL SITE NOTES (THIS SHEET ONLY)

1. THE PRIMARY AND SECONDARY DITCH, PRIMARY AND SECONDARY CONDUITS WITH ¼ FULL ROPE, SECONDARY CONDUCTORS, CONCRETE PAD FOR TRANSFORMER AND GROUNDING RING ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. PROVIDE 36" LONG PVC SWEEPS FOR PRIMARY CONDUIT. PROVIDE LONG SWEEP GALVANIZED RIGID STEEL ELBOWS FOR THE SECONDARY. PROVIDE ALL TRENCHING, BACKFILLING, SAWCUTTING AND PATCHING OF HARD SURFACES, ECT FOR CONDUITS. THE TRANSFORMER AND PRIMARY CONDUCTORS TO ARE PROVIDED AND INSTALLED BY UTILITY COMPANY.
2. THE PRIMARY CONDUITS SHALL BE 2-4" GRAY SCHEDULE 40 UL PVC CONDUITS, AND HAVE A MINIMUM OF 48" OF FILL ON TOP OF CONDUITS. SECONDARY CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW GRADE USING 24" RIGID ELBOWS ENGAGED IN 4" COVER OF CONCRETE (SLURRY FILL) FROM THE MDP TO THE TRANSFORMER.
3. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL COSTS OF INSTALLATION AND CONNECTING THE ELECTRICAL SERVICE CONDUITS. COORDINATE CONNECTION TO EXISTING OVERHEAD LINES WITH UTILITY CO.

KEYED ELECTRICAL SITE NOTES (THIS SHEET ONLY)

- ① PRIMARY ELECTRICAL SERVICE CONDUIT, REFER TO GENERAL NOTE 1.
- ② ELECTRICAL SECONDARY. REFER TO GENERAL NOTE 1, AND 2 FOR INSTALLATION. REFER TO RISER DIAGRAM FOR CONDUIT AND WIRE SIZES.
- ③ IDENTIFY OUTDOOR UNDERGROUND LINES WITH CONTINUOUS STRIP OF PLASTIC UTILITY MARKER. TAPE SHOULD STATE AT REGULAR INTERVALS: "CAUTION (STATE UTILITY) PIPE BELOW". INSTALL TAPE ONE FOOT DIRECTLY ABOVE PIPE BEFORE BACKFILLING TO GRADE.
- ④ PROPOSED LOCATION FOR UTILITY COMPANY TRANSFORMER, AND METER.
- ⑤ EXTEND 2-4" CONDUITS FROM DATA ROOM TO CONNECT TO EXISTING FIBER SYSTEM.

ELECTRICAL SITE PLAN LEGEND

---	UGFO	UNDERGROUND FIBER OPTIC CABLE
---	USE	UNDERGROUND ELECTRIC
---	UGC	UNDERGROUND CONDUIT
---	EX-OHE	EXISTING OVERHEAD ELECTRIC
⊙	PP	EXISTING POWER POLE
□		EXISTING TELEPHONE PEDESTAL
□		QUAZITE BOX #FG3048BA24 WITH COVER PART #FG3048CA00
⊙		POLE LIGHT, REFER TO SHEET ES.1 FOR FIXTURE TYPE

UTILITY CONTACTS:

1 ELECTRICAL SITE PLAN
1" = 40'-0"



HSA Engineering
479 / 452 / 8922 office
7405 Ellis St.
Fort Smith, AR 72916
HSAConsultants.com

HSA JOB # 25-200

PRELIMINARY
30% REVIEW

Hight Jackson
ASSOCIATES
5201 W Village Parkway, Suite 300 | Rogers, Arkansas 72781 | (479) 464-4965 | www.hjarch.com

A NEW FACILITY FOR
BWHS - Locker Room Building
Centeron, AR

DRAWN BY: --
CHECK BY: --
ISSUE DATE: 02/02/2026
PROJECT NO: 0000
REVISION DATES:
LIGHTING PLAN
SHEET
E2.1
COPYRIGHT 2026
THESE DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF HIGHT JACKSON ASSOCIATES P.A. USE OR REPRODUCTION IS PROHIBITED WITHOUT WRITTEN CONSENT.
HSA JOB # 25-200

GENERAL LIGHTING NOTES

1. GENERAL NOTES HERE. DESCRIPTION OF SWITCHING SCHEME

KEYED LIGHTING NOTES

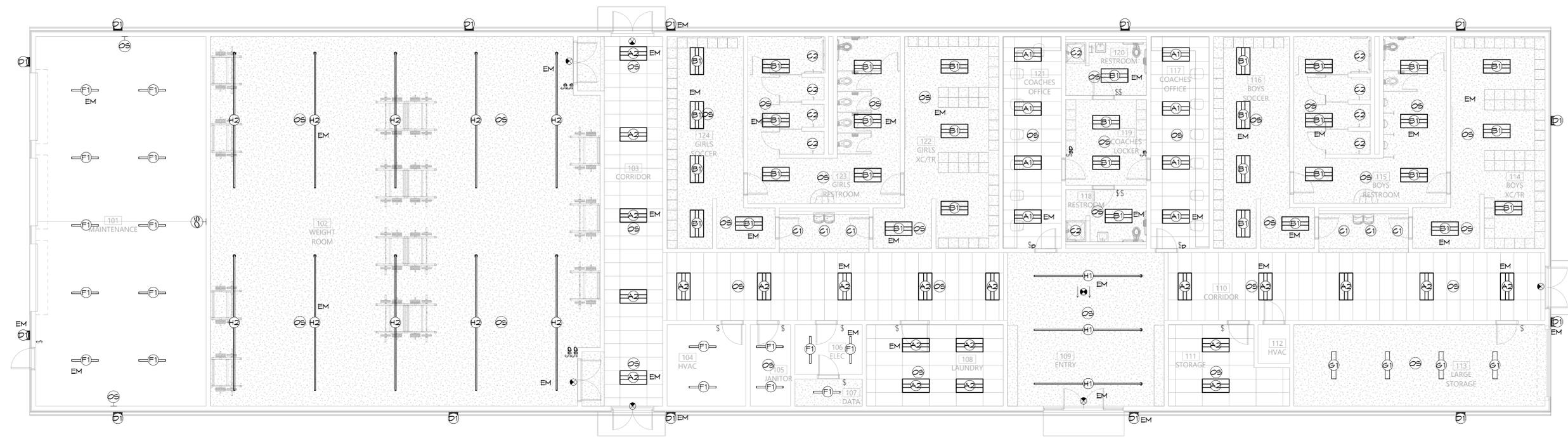
① TYPE YOUR NOTES HERE FOR ALL LIGHTING SHEETS - EXCLUDING SITE LIGHTING

②

LIGHTING FIXTURE SCHEDULE

MARK	VOLT	WATT	LAMP			MOUNTING			MANUFACTURER	CATALOG NO.	REMARKS
			NO.	COLOR TEMP	BRKT	PEND	REC	SURF			
A1	UNV	56	--	4000K			X		H.E. WILLIAMS METALUX LT-24-L82/840-AF-DIM-UNV 24CZ2-85-S-UNV-L840-CD1-U	2X4' LED DIRECT INDIRECT TROFFER, 8200 LUMEN OUTPUT. 0-10V	
A2	UNV	41	--	4000K			X		H.E. WILLIAMS METALUX LT-24-L52/840-AF-DIM-UNV 24CZ2-55-S-UNV-L840-CD1-U	2X4' LED DIRECT INDIRECT TROFFER, 5200 LUMEN OUTPUT. 0-10V	
B1	UNV	56	--	4000K			X		H.E. WILLIAMS METALUX LT-24-L82/840-AF-DFK-2448N-DIM-UNV 24CZ2-85-S-UNV-L840-CD1-U /DF-24N-U	2X4' LED DIRECT INDIRECT TROFFER, 8200 LUMEN OUTPUT. 0-10V DIMMING, GYP BOARD FLANGE KIT	
C1	UNV	15	--	4000K			X		H.E. WILLIAMS COOPER 6DR-TL-L15/840-DIM-UNV-RV-OF-WH-WH-AD-N-F1 HG6-15-D010/HM6-12-840-61-WD-H	6" APERTURE LED DOWNLIGHT, 1500 LUMENS, WHITE TRIM AND REFLECTOR, DIFFUSE REGRESSED LENS, 0-10V DIMMING.	
C2	UNV	15	--	4000K			X		H.E. WILLIAMS COOPER 6DR-TL-L15/840-DIM-UNV-SN-OF-WH-N-F1 FR6F512D010-FR6M12MD8F5CTB5	6" APERTURE LED SHOWER DOWNLIGHT, 1500 LUMENS, WHITE FLANGE, NON-CONDUCTIVE SHOWER TRIM	
D1	UNV	70	--	4000K				X	BEACON MCGRAW EDISON QSP2-160L-T5-4K8-3-UNV-DB5 I55-SA1-F-740-U-T3-CTB5	18" WALL PACK, 9400 LUMEN OUTPUT, TYPE 3 DISTRIBUTION, REFER TO PLANS FOR MOUNTING HEIGHTS, DARK BRONZE FINISH.	
EXIT	UNV	5	--	4000K					MULE LIGHTING BARRON PVT-U-A-S-S-R-BA S900U-LB-SR-RED-AG	EXIT SIGN, EDGE LIT, UNIVERSAL MOUNT- SEE PLANS FOR NUMBER OF SIDES AND CHEVRONS. REQUIRES UNSWITCHED HOT WIRE.	
F1	UNV	40	--	4000K		X			H.E. WILLIAMS METALUX 75R-4-L50/840-(L46)-(2)/BY-3/PYU-DIM-UNV 45T2L4040R-AYC-CHAIN/SET	4' UTILITY STRIP LIGHT, 4600 LUMENS, CHAIN HUNG TO 10' AFF UNLESS OTHERWISE NOTED.	
G1	UNV	51	--	4000K				X	H.E. WILLIAMS METALUX 39-4-L84/840-A-L65-DIM-UNV 4AVV15-L3C3-UNV	1X4' LED SURFACE MOUNT WRAP, 6500 LUMEN OUTPUT. 0-10V	
H1	UNV	-	--	4000K				X	METALUX S124DR-H575D840-X4F0-XX-UDD-F-W	4'X16' PENDANT MOUNT, 2281 LUMEN OUTPUT. 0-10V	
H2	UNV	-	--	4000K				X	METALUX S124DR-S1020D840-X4F0-XX-UDD-F-W	4'X20' PENDANT MOUNT, 4125 LUMEN OUTPUT. 0-10V	

NOTE: HOLD ALL INSULATION OFF RECESSED FIXTURES AT A MINIMUM OF 3" TO THE SIDE.
NOTE: EXIT LIGHTS AND EMERGENCY LIGHTS REQUIRES UNSWITCHED HOT WIRE PER MANUFACTURER RECOMMENDATION.
NOTE: FIXTURES MARKED AS "CTBS" REQUIRE STANDARD FINISH SELECTED BY THE ARCHITECT.
NOTE: FOR ALL FIXTURES WITH 0-10V DIMMING, PROVIDE LOW VOLTAGE CABLE.
NOTE: FIXTURES MARKED NL REQUIRE UNSWITCHED HOT WIRE.
NOTE: ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL LED AND DRIVER COMBINATIONS THAT WILL PROVIDE THE OWNER WITH A FIVE YEAR WARRANTY ON THE FIXTURE.
NOTE: EM FIXTURES REQUIRE EMERGENCY BATTERY PACKS.
NOTE: FIELD VERIFY ALL FIXTURE LENGTHS NOTES AS LENGTH PER PLANS. PROVIDE CONTINUOUS RUNS OF FIXTURES. COORDINATE WITH THE ARCHITECTURAL DRAWINGS AND THE ARCHITECT.



① LIGHTING PLAN
1/8" = 1'-0"



HSA HSAEngineering
479 / 452 / 8922 office
7405 Ellis St.
Fort Smith, AR 72916
HSAConsultants.com

GENERAL POWER NOTES

1. GENERAL NOTES HERE.

KEYED POWER NOTES

① TYPE YOUR NOTES HERE FOR ALL POWER SHEETS

②

PRELIMINARY
30% REVIEW

Hight Jackson
ASSOCIATES
5201 W Village Parkway, Suite 3001 Rogers, Arkansas 72768 | (479) 464-4965 | www.hjarch.com

A NEW FACILITY FOR
BWHS - Locker Room Building
Centerton, AR

DRAWN BY:
CHECK BY:
ISSUE DATE:
02/02/2026

PROJECT NO:
0000

REVISION DATES

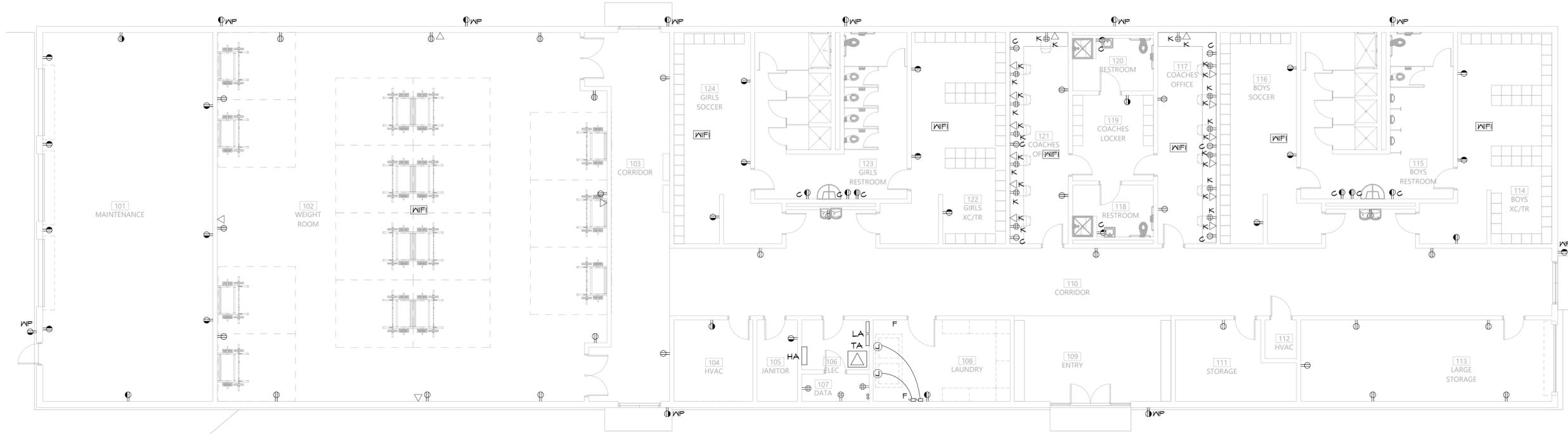
POWER PLAN
SHEET
E.2.2

COPYRIGHT 2026
THESE DRAWINGS AND SPECIFICATIONS ARE
THE EXCLUSIVE PROPERTY OF
HIGHT JACKSON ASSOCIATES P.A.
USE OR REPRODUCTION IS PROHIBITED
WITHOUT WRITTEN CONSENT

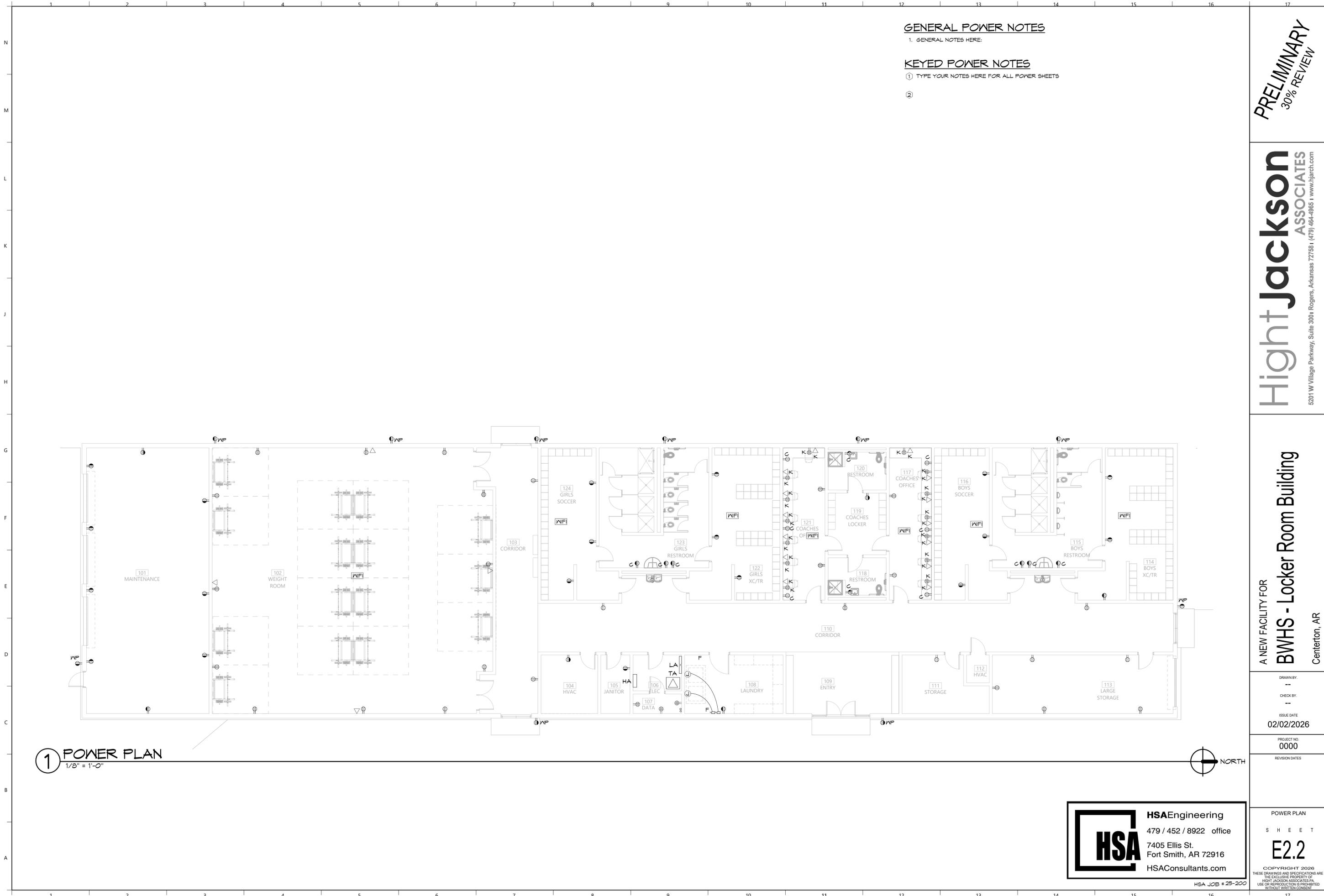


HSA **HSAEngineering**
479 / 452 / 8922 office
7405 Ellis St.
Fort Smith, AR 72916
HSAConsultants.com

HSA JOB # 25-200



1 POWER PLAN
1/8" = 1'-0"



GENERAL SPECIAL SYSTEMS NOTES

1. SEE GENERAL NOTES ON E1.1 FOR ADDITIONAL SPECIAL SYSTEMS NOTES.

KEYED SPECIAL SYSTEMS NOTES

① TYPE YOUR NOTES HERE FOR ALL SPECIAL SYSTEMS: SECURITY, FIRE ALARM, INTERCOM, ETC

②

PRELIMINARY
30% REVIEW

Hight Jackson
ASSOCIATES
5201 W Village Parkway, Suite 300 | Rogers, Arkansas 72768 | (479) 464-4965 | www.hjarch.com

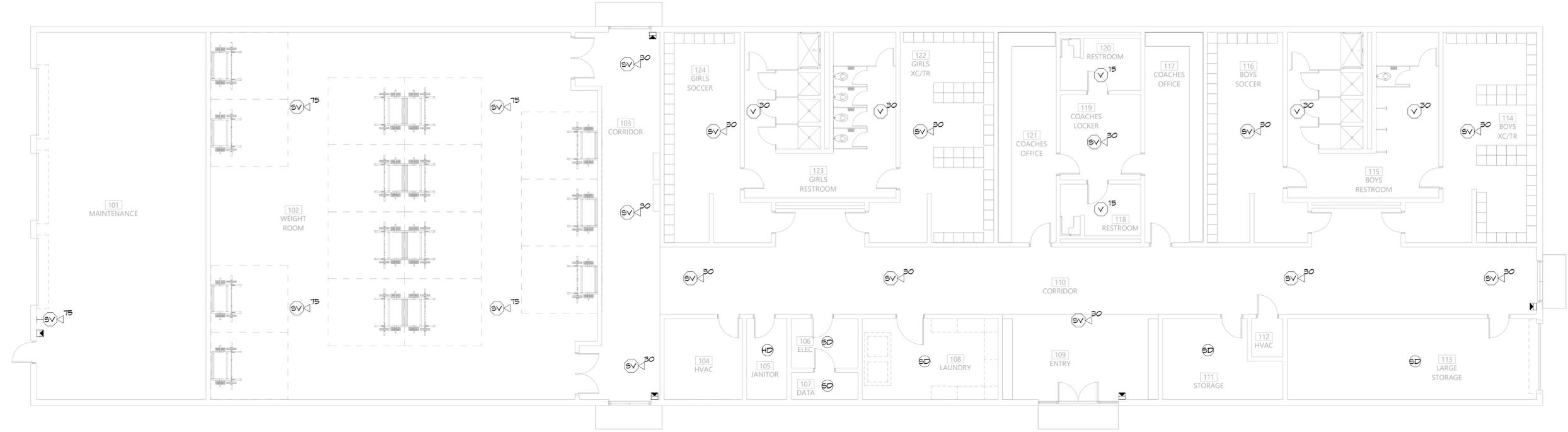
A NEW FACILITY FOR
BWHS - Locker Room Building
Centeron, AR

DRAWN BY: -
CHECK BY: -
ISSUE DATE:
02/02/2026
PROJECT NO:
0000
REVISION DATES:

SPECIAL SYSTEMS PLAN
SHEET
E2.4
COPYRIGHT 2026
THESE DRAWINGS AND SPECIFICATIONS ARE
THE EXCLUSIVE PROPERTY OF
HIGHT JACKSON ASSOCIATES P.A.
USE OR REPRODUCTION IS PROHIBITED
WITHOUT WRITTEN CONSENT



1 SPECIAL SYSTEMS PLAN
1/8" = 1'-0"



HSA HSAEngineering
479 / 452 / 8922 office
7405 Ellis St.
Fort Smith, AR 72916
HSAConsultants.com

HSA JOB # 25-200