GREENBRIER HS BAND BLDG

FOR THE

GREENBRIER SCHOOL DISTRICT

GREENBRIER, ARKANSAS

CIVIL

Sheet Number	SheetName
C-001	COVER SHEET
C-002	PROJECT CONTROL SHEET
D-101	DEMO PLAN
C-101	OVERALL SITE PLAN
C-102	SITE PLAN
C-103	GRADING PLAN
C-104	EROSION CONTROL PH I
C-105	EROSION CONTROL PH II
C-106	EROSION CONTROL NOTES
C-107	OVERALL UTILITY PLAN
C-108	UTILITY PLAN
C-201	STS P&P
C-501	EROSION CONTROL DETAILS
C-502	STANDARD DETAILS SHT.1
C-503	STANDARD DETAILS SHT.2
C-504	UTILITY DETAILS

STRUCTURAL

Sheet Number	Sheet Name
S1.0	GENERAL NOTES, BASE PLATES, & SCHEDULES
S1.1	SPECIAL INSPECTION TABLE & DETAILS
S1.2	FOUNDATION PLAN
S2.1	FOUNDATION DETAILS
S2.2	FOUNDATION DETAILS
S3.1	ROOF FRAMING PLAN
S3.2	CHASE FRAMING PLAN
S4.1	FRAMING DETAILS
S4.2	FRAMING DETAILS
S4.3	FRAMING DETAILS
S5.1	FRAME ELEVATIONS
S5.2	FRAME ELEVATIONS

ARCHITECTURAL

Sheet Number	Sheet Name
A100	CODE SHEET
A101	PLAN
A102	Slab Plan DONT PRINT
A103	Dimension Plan
A104	RCP
A107	ROOF PLAN
A108	ROOF DETAILS
A201	OVERALL ELEVATIONS
A202	ENLARGED ELEVATIONS
A203	ENLARGED ELEVATIONS
A301	BUILDING SECTIONS
A401	WALL SECTIONS
A402	WALL SECTIONS
A403	WALL SECTIONS
A404	WALL SECTIONS
A405	WALL SECTIONS
A406	WALL SECTIONS
A407	WALL SECTIONS
A501	ENLARGED PLANS
A502	INTERIOR ELEVATIONS
A503	INTERIOR ELEVATIONS
A504	INTERIOR ELEVATIONS
A505	INTERIOR ELEVATIONS
A601	DOOR & ROOM SCHEDULE
A602	WINDOW ELEVATIONS
A701	WALL SCHEDULE DONT PRINT
PRES 1	PRESENTATION PLAN

MECHANICAL/PLUMBING

Sheet Number	SheetName
M100	MECHANICAL NOTES AND LEGENDS
M101	MECHANICAL OVERALL FLOOR PLAN
M102	MECHANICAL ROOF PLAN
M201	MECHANICAL SCHEDULES
M401	MECHANICAL DETAILS I
M402	MECHANICAL DETAILS II
M501	MECHANICAL CONTROLS

ELECTRICAL

Sheet Number	SheetName
E 100	ELECTRICAL POWER AND LIGHTING LEGEND
E 200	ELECTRICAL SERVIE SITE PLAN
E 201	TELECOM SITE PLAN
E 300	LIGHTING PLAN
E 400	ELECTRICAL POWER PLAN
E 500	ELECTRICAL SYSTEMS PLAN
E 600	MECH POWER PLAN
E 700	PANEL SCHEDULES, DETAILS AND ONE-LINE
E 800	ELECTRICAL DETAILS I

PLUMBING

Sheet Number	SheetName
P 100	PLUMBING NOTES, SCHEDULES AND LEGENDS
P 101	PLUMBING SITE COORDINATION PLAN
P 201	SANITARY WASTE PLAN
P 202	DOMESTIC WATER/NATURAL GAS PLAN
P 203	PLUMBING ENLARGED PLANS
P 204	PLUMBING ROOF PLAN
P 301	PLUMBING RISERS I
P 302	PLUMBING RISERS II
P 401	PLUMBING DETAILS I
P 402	PLUMBING DETAILS II

CIVIL

CRAFTON TULL

CONSULTING ENGINEERS

10825 FINANCIAL CENTER PARKWAY
SUITE 300
LITTLE ROCK, AR 72211
(501) 748-8246

LANDSCAPE

CRAFTON TULL

CONSULTING ENGINEERS

10825 FINANCIAL CENTER PARKWAY
SUITE 300
LITTLE ROCK, AR 72211
(501) 748-8246

STRUCTURAL

ENGINEERING CONSULTANTS, INC

CONSULTING ENGINEERS

401 W. CAPITOL, SUITE 305
LITTLE ROCK, AR 72201
(501) 376-3752

ARCHITECTURAL

JACKSON BROWN PALCULICT

ARCHITECTS, INC.

12921 CANTRELL ROAD, SUITE 201
LITTLE ROCK, AR 72223
(501) 664-8700

MECHANICAL

BROWN ENGINEERS, LLC

CONSULTING ENGINEERS

17200 CHENAL PKWY SUITE 300, PMB 324
LITTLE ROCK ARKANSAS
(501) 448-0100

PLUMBING

BROWN ENGINEERS, LLC

CONSULTING ENGINEERS

17200 CHENAL PKWY SUITE 300, PMB 324
LITTLE ROCK ARKANSAS
(501) 448-0100

ELECTRICAL

BROWN ENGINEERS, LLC

CONSULTING ENGINEERS

17200 CHENAL PKWY SUITE 300, PMB 324
LITTLE ROCK ARKANSAS
(501) 448-0100

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, ARKANSAS

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
C34
ARKANSAS
2/27/2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title

TITLE

Sheet Number

T100

Copyright 2026 JBP

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL, GREENBRIER, ARKANSAS

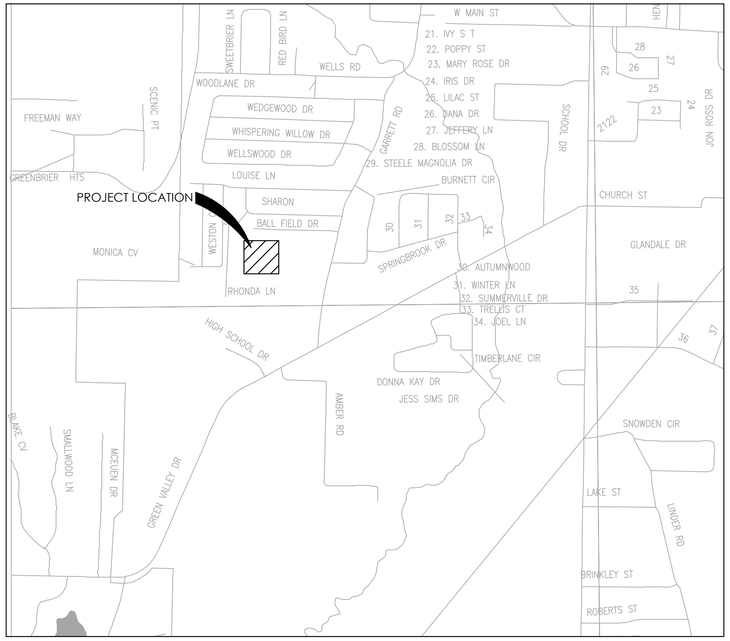
LEGEND (EXISTING SYMBOLS)

SYMBOLS	
	BENCHMARK
	FOUND IRON PIPE/REBAR
	PRIMARY CONTROL/SET MONUMENT
	FOUND MONUMENT/ROW
AC	AIR CONDITIONER
ARV	AIR RELEASE VALVE
	ELECTRIC BOX/PEDESTAL
EJB	ELECTRIC JUNCTION BOX
E	ELECTRIC METER
	ELECTRIC TRANSFORMER
FDC	FIRE DEPARTMENT CONNECTION
FH	FIRE HYDRANT
GM	GAS METER
GV	GAS VALVE
	GUARD POST
LP	LIGHT POLE
PP	POWER POLE
S	SANITARY MANHOLE
CO	SANITARY SEWER CLEANOUT
	SIGN
	SPRINKLER HEAD
T	TELEPHONE PEDESTAL
	TV PEDESTAL
	WATER FAUCET
WM	WATER METER
WV	WATER VALVE
	DOWN GUY
D	STORM SEWER MANHOLE
	STORM SEWER PIPE

LINEWORK	
	EASEMENT
	CURB
1206	INTERMEDIATE CONTOUR
1205	INDEX CONTOUR
SS	SANITARY SEWER LINE (SPECIFY SIZE & TYPE)
G	GAS LINE
W	WATER LINE (SPECIFY SIZE & TYPE)
UGT	UNDERGROUND TELEPHONE
UGE	UNDERGROUND ELECTRIC
OHE	OVERHEAD ELECTRIC
UGTV	UNDERGROUND TELEVISION
OHTV	OVERHEAD TELEVISION
	CHAIN LINK FENCE
	WOOD FENCE
X	BARBED WIRE FENCE
FO	FIBER OPTIC
	RIGHT OF WAY
	ROAD CENTERLINE

D DROP/CURB INLET — GRATED INLET

TREE — TREE TO BE REMOVED



VICINITY MAP (NTS)

LEGEND (CONSTRUCT)

SYMBOLS	
	SET IRON PIN
	LIGHT POLE
	POWER POLE
	TELEPHONE PEDESTAL
	TV PEDESTAL
	MANHOLE
	SANITARY SEWER CLEANOUT
	GAS METER
	GAS VALVE
	STORM SEWER PIPE
X-X	STRUCTURE NUMBER
	WATER VALVE
	FIRE HYDRANT ASSEMBLY
	AIR RELEASE VALVE
	FIRE DEPARTMENT CONNECTION
	WATER METER
	BACK FLOW PREVENTER
	REDUCER
	RECTANGULAR DROP INLET, GRATED INLET OR JUNCTION BOX (SPECIFY ON PLAN SHEET)
	CIRCULAR DROP INLET, GRATED INLET OR JUNCTION BOX (SPECIFY ON PLAN SHEET)

LINEWORK	
	EASEMENT
	CURB
1206	INTERMEDIATE CONTOUR
1205	INDEX CONTOUR
SS	SANITARY SEWER LINE
G	GAS LINE
W	WATER LINE
UGT	UNDERGROUND TELEPHONE
UGE	UNDERGROUND ELECTRIC
OHE	OVERHEAD ELECTRIC
FO	FIBER OPTIC
UGTV	UNDERGROUND TELEVISION
	CHAIN LINK FENCE
	WOOD FENCE
X	BARBED WIRE FENCE
	BUILDING SET BACK
	RIGHT OF WAY
	PROPERTY LINE
	ROAD CENTERLINE

GENERAL NOTES

1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE ONLY FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS.
2. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE DRAWINGS IS BASED ON A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS. CRAFTON TULL ASSUMES NO RESPONSIBILITY REGARDING THE ACCURACY OF THE DEPICTED LOCATION(S) OF THE UNDERGROUND FACILITIES ON THESE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ANY OTHER FACILITIES NOT SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL VERIFY LOCATION OF ALL FACILITIES BEFORE BEGINNING WORK.
3. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN OR NEAR THE CONSTRUCTION SITE.
4. THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICES, IS THE PROPERTY OF CRAFTON, TULL & ASSOCIATES, INC. AND IS NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CRAFTON, TULL & ASSOCIATES, INC.
5. CONTRACTOR SHALL NOT CAUSE ANY LONG-TERM INCONVENIENCE TO THE PUBLIC, ADJACENT PROPERTY OWNERS, PEDESTRIANS, ETC. DURING CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL PROVIDE ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
6. CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION IF A DISCREPANCY OR INCONSISTENCY IS IDENTIFIED IN THE PLANS OR SPECIFICATIONS.
7. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SHEETING, SHORING, AND SPECIAL EXCAVATION MEASURES REQUIRED ON THE PROJECT WHICH ARE NECESSARY TO CONFORM TO OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
8. ENGINEER OF RECORD SHALL OBSERVE THE INSTALLATION OF THE WATER & SEWER MAINS. BEYOND THAT SCOPE, CRAFTON TULL & ASSOCIATES, INC. (CTA) HAS NOT BEEN RETAINED BY THE OWNER FOR CONSTRUCTION ADMINISTRATION OR OBSERVATION SERVICES FOR THE WORK INDICATED ON THESE DRAWINGS. THEREFORE, CTA HEREBY NOTIFIES ALL PARTIES INVOLVED THAT CRAFTON, TULL & ASSOCIATES, INC. ASSUMES NO RESPONSIBILITY FOR THE INTERPRETATION, COORDINATION, OR ADMINISTRATION OF THESE DOCUMENTS AND/OR DEVIATIONS THEREOF. FURTHERMORE, CRAFTON, TULL & ASSOCIATES, INC. WILL NOT BE RESPONSIBLE FOR ANY EFFECTS THAT ANY CHANGES TO THESE DOCUMENTS MAY HAVE ON ANY RELATED TRADES, CONSTRUCTION SEQUENCES, OR OPERATION OF THE COMPLETED PROJECT EXCEPT AS SPECIFICALLY NOTED IN THE AGREEMENT BETWEEN CRAFTON, TULL & ASSOCIATES AND THE OWNER.
9. ALL MATERIALS TESTING SHALL BE PERFORMED BY A GEO-TECHNICAL ENGINEER LICENSED IN THE STATE OF ARKANSAS. ALL TESTING SHALL BE PREFORMED PER THE GEO-TECHNICAL REPORT REQUIREMENTS, TECHNICAL SPECIFICATION, OR LOCAL REQUIREMENTS, WHICHEVER IS MORE RESTRICTIVE AT CONTRACTORS EXPENSE.
10. <u>ENERGIZED ELECTRICAL LINE SAFETY, WARNINGS, AND ADVANCED NOTICES:</u> ALL OWNERS, GENERAL CONTRACTORS, AND SUBCONTRACTORS ASSOCIATED WITH THIS PROJECT SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH, COMPLYING WITH, AND THE ENFORCEMENT OF ARKANSAS CODES AR ST § 11-5-307 AND § AR ST 11-5-308 AND ANY OTHER CURRENT STATE CODES PERTAINING TO ADVANCE NOTICE REQUIREMENTS AND FOR SAFETY OF ALL PERSONNEL, INCLUDING THE GENERAL PUBLIC, PERTAINING TO ANY WORK, MOVEMENT, AND ACTIVITY IN CLOSE PROXIMITY TO ANY ENERGIZED ELECTRICAL LINE.

Sheet List Table

SHEET NUMBER	SHEET TITLE
C-001	COVER SHEET
C-002	PROJECT CONTROL SHEET
D-101	DEMO PLAN
C-101	OVERALL SITE PLAN
C-102	SITE PLAN
C-103	GRADING PLAN
C-104	EROSION CONTROL PH I
C-105	EROSION CONTROL PH II
C-106	EROSION CONTROL NOTES
C-107	OVERALL UTILITY PLAN
C-108	UTILITY PLAN
C-201	STS P&P
C-501	EROSION CONTROL DETAILS
C-502	STANDARD DETAILS SHT.1
C-503	STANDARD DETAILS SHT.2
C-504	UTILITY DETAILS

OWNER/DEVELOPER: GREENBRIER SCHOOL DISTRICT
72 GREEN VALLEY DR,
GREENBRIER, AR 72058

ARCHITECT: JACKSON BROWN PALCULICT ARCHITECTS
12921 CANTRELL RD
SUITE #201,
LITTLE ROCK, AR 72223

ENGINEER: CRAFTON TULL
10825 FINANCIAL CENTRE PARKWAY
SUITE #300
LITTLE ROCK, AR 72211

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION — CRAFTON, TULL & ASSOCIATES, INC. No. 109 — ARKANSAS ENGINEER

GREENBRIER BAND HALL
GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — TYLER D. FEEMSTER — No.19931

ISSUED FOR BIDDING

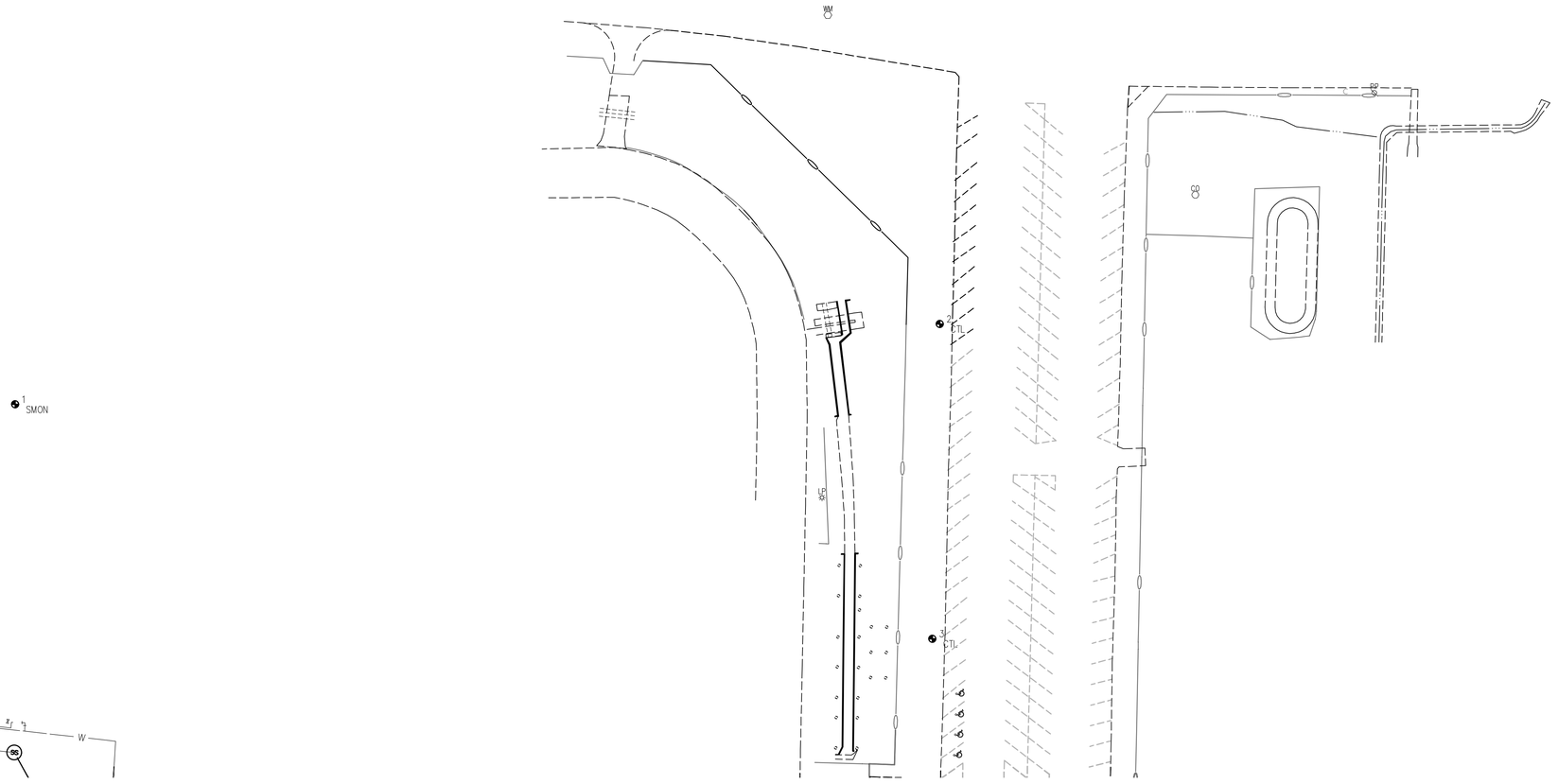
02/27/2026

© 2026 Crafton, Tull & Associates, Inc.

COVER SHEET

C-001

DRAWING: G:\25801201 GREENBRIAR\CIVIL\SHEETS\C-001.DWG LAYOUT: C-001 COVER.DWG
XREF: C-001 COVER.DWG, C-001 COVER.DWG, C-001 COVER.DWG
LAST PLOTTED BY: ADMIN, TERRY - 2/25/2026 9:30:54 AM



POINT TABLE				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	SMON	324578.35	1191732.08	366.04
2	CTL	324625.90	1192278.36	356.74
3	CTL	324439.79	1192274.06	353.90

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
40' 0 40'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER

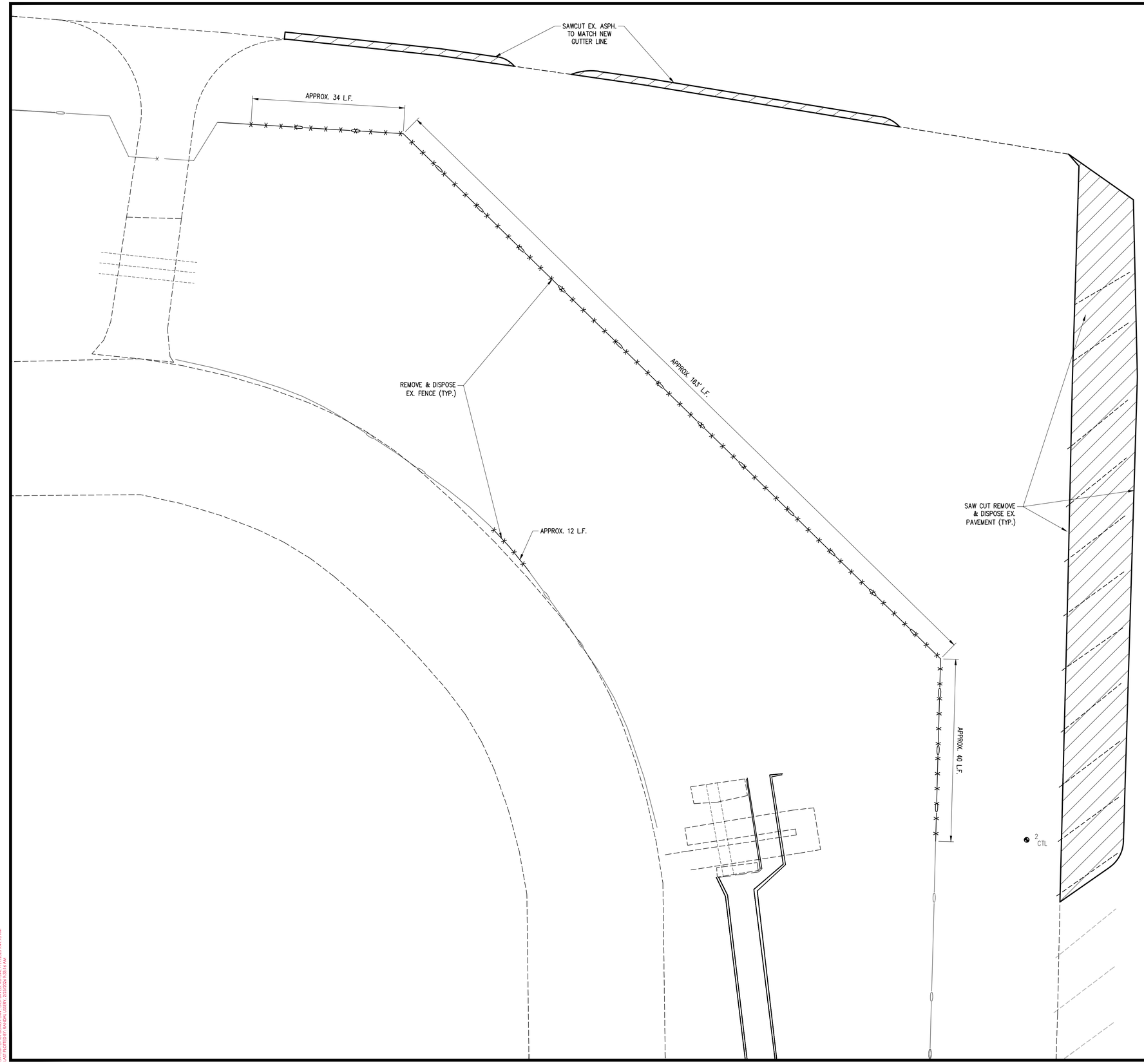
© 2026 Crafton, Tull & Associates, Inc.

02/27/2026

PROJECT CONTROL SHEET

C-002

DRAWING: C:\25801201 GREENBRIER\DWG\REVISED\C1700 CIVIL\DWG\PROJECT CONTROL SHEET.DWG
LAST PLOTTED BY RANDAL ESSERY ON 2/27/2026 9:30:59 AM



DEMOLITION NOTES

1. CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, AND LOCAL CODES FOR THE DEMOLITION AND DISPOSAL OF ALL MATERIALS.
2. CRAFTON, TULL AND ASSOCIATES, INC. SHALL NOT BE LIABLE FOR ANY DEMOLITION PROCEDURES, SCHEDULING, AND DISPOSAL OF ANY MATERIALS.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE SURE THAT ADJACENT PROPERTY IS NOT DAMAGED AND IS ACCESSIBLE AT ALL TIMES, AND THAT CONSTRUCTION DOES NOT CREATE ANY HARDSHIP TO LAND OWNERS ADJACENT TO THE CONSTRUCTION SITE.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
5. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE DISCONNECTION, REMOVAL AND RELOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING EXISTING IRRIGATION SYSTEM IN THE AREAS OF SITE IMPROVEMENTS. THE CONTRACTOR SHALL CAP THE EXISTING IRRIGATION SYSTEM TO REMAIN SUCH THAT THE REMAINING SYSTEM SHALL CONTINUE TO FUNCTION PROPERLY.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION OF THE BUILDINGS.
8. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES.
9. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDINGS.
10. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
11. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC.
12. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO DEMOLITION.
13. CONTRACTOR MAY LIMIT SAW-CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
14. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
15. THE CONTRACTOR SHALL COORDINATE WATERMAIN WORK WITH THE FIRE DEPARTMENT AND THE CITY/COUNTY UTILITY DEPARTMENT TO PLAN WATERMAIN IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGHOUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATERMAIN SHUT-OFFS WITH THE CITY/COUNTY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATERMAIN SHUT-OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION WILL BE PROVIDED.
16. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE. REPAIRS SHALL RESTORE DAMAGED ITEMS TO EQUAL OR BETTER THAN, EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING ALL EXISTING DAMAGE AND NOTIFYING CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION START.
17. ALL TRENCHES AND/OR EXCAVATED AREAS SHALL BE FILLED/TESTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.
18. IF SEPTIC TANKS ARE FOUND PRESENT WITHIN THE LIMITS OF DISTURBANCE THEY SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.
19. IF THE CONTRACTOR FINDS ANY UNDERGROUND TANKS ON SITE THEY SHALL CONTACT THE ENGINEER IMMEDIATELY.
20. ALL WELLS SHALL BE CAPPED AND CLOSED IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL LAW.

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
10' 0 10'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

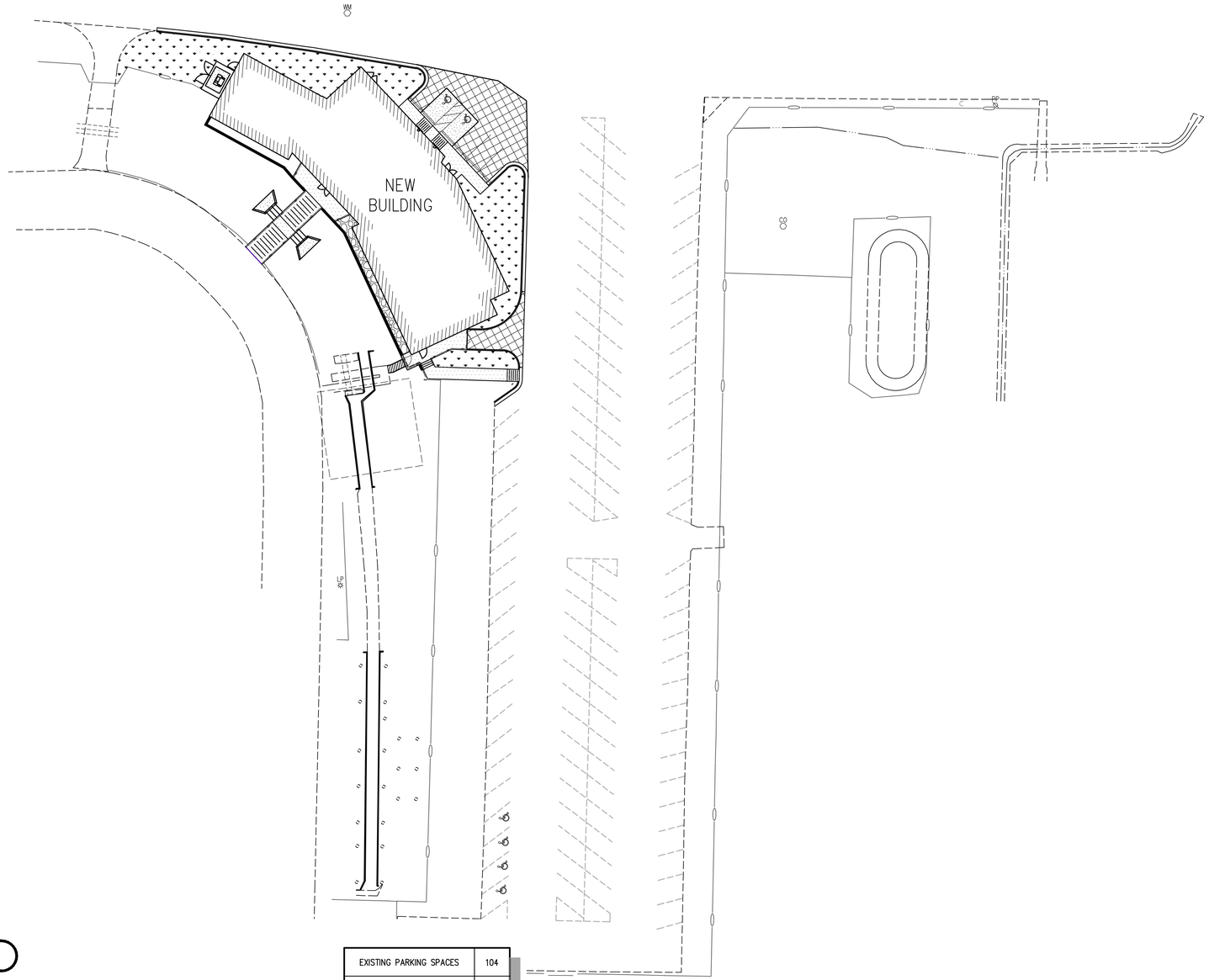
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER
02/27/2026

© 2026 Crafton, Tull & Associates, Inc.

DEMO PLAN

D-101

DRAWING: G:\25801201_GHS#BAND#CNY\#ARCHITECTURE\CIVIL\DWG\DEMO PLAN.DWG
LAST PLOTTED BY: RANDAL EBERT - 2/26/2026 9:33:19 AM



SITE NOTES

1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS ONLY.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY/STATE/FEDERAL REGULATIONS AND CODES AND OSHA STANDARDS.
3. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.
4. ALL CURB DIMENSIONS AND RADII ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
5. ALL PAVEMENT MARKINGS DIMENSIONS BACK OF CURB UNLESS OTHERWISE NOTED.
6. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
7. ALL CURB/SIDEWALK/HANDICAP RAMP DESIGNS SHALL CONFORM TO ADA STANDARDS OR LOCAL RESTRICTIVE CODES, WHICHEVER IS MORE RESTRICTIVE.
8. CONTRACTOR SHALL ENSURE ALL NECESSARY PERMITS ARE OBTAINED PRIOR TO CONSTRUCTION START.
9. CONTRACTOR SHALL MATCH NEW CURB AND GUTTER, CONCRETE, AND PAVEMENT TO EXISTING IN GRADE AND ALIGNMENT.
10. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
11. CERTAIN SITE AMENITIES, INCLUDING BUT NOT LIMITED TO DUMPSTER ENCLOSURES, FENCES, GATES, MAIL KIOSKS, PLAYGROUNDS, RECREATIONAL, SOCIAL, AND GATHERING FEATURES, SHALL BE DESIGNED AND SPECIFIED BY OTHERS. DUMPSTER ENCLOSURES DETAILED DESIGN AND SPECIFICATIONS SHALL BE PROVIDED BY THE OWNER/PROJECT ARCHITECT AND SHALL MEET LOCAL JURISDICTION DESIGN STANDARDS AND SPECIFICATIONS, IF APPLICABLE, AND THE REQUIREMENTS OF THE PROJECT'S SERVICE PROVIDER. IF APPLICABLE, THE ARCHITECT SHALL PROVIDE, COORDINATE, AND SUBMIT DETAILS FOR THE DUMPSTER ENCLOSURE FOOTPRINT AND SITE PLACEMENT REQUIREMENTS TO CRAFTON TULL.
12. OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL NECESSARY WARNING AND LIFE SAFETY SIGNS AND DEVICES ASSOCIATED WITH THIS PROJECT.

EXISTING PARKING SPACES	104
EXISTING ADA PARKING SPACES	4
PROPOSED PARKING SPACES	4
PROPOSED ADA PARKING SPACES	2
TOTAL PARKING SPACES	114

RETAINING WALL DESIGN, INSPECTION, AND CERTIFICATION BY OTHERS

THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS ONLY.
THE OWNER/CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING AND PROVIDING SEPARATE AND INDEPENDENT RETAINING WALL DESIGNS, INSPECTIONS, AND CERTIFICATIONS BY A REGISTERED PROFESSIONAL ENGINEER OTHER THAN CRAFTON TULL. THIS SHALL ALSO APPLY TO ANY ASSOCIATED AND NECESSARY PUBLIC SAFETY DEVICES INCLUDING, BUT NOT LIMITED TO, PEDESTRIAN SAFETY RAILS.

LEGEND (EXISTING SYMBOLS)

SYMBOLS	
	BENCHMARK
	FOUND IRON PIPE/REBAR
	PRIMARY CONTROL/SET MONUMENT
	FOUND MONUMENT/ROW
AC	AIR CONDITIONER
ARV	AIR RELEASE VALVE
	ELECTRIC BOX/PEDESTAL
EB	ELECTRIC JUNCTION BOX
E	ELECTRIC METER
	ELECTRIC TRANSFORMER
FDC	FIRE DEPARTMENT CONNECTION
FH	FIRE HYDRANT
GM	GAS METER
GV	GAS VALVE
	GUARD POST
LP	LIGHT POLE
PP	POWER POLE
S	SANITARY MANHOLE
CO	SANITARY SEWER CLEANOUT
	SIGN
	SPRINKLER HEAD
T	TELEPHONE PEDESTAL
	TV PEDESTAL
	WATER FAUCET
WM	WATER METER
WV	WATER VALVE
	DOWN GUY
D	STORM SEWER MANHOLE
	STORM SEWER PIPE
D	DROP/CURB INLET
	GRATED INLET
	TREE
	TREE TO BE REMOVED

LINEWORK
EASEMENT
CURB
INTERMEDIATE CONTOUR (1206)
INDEX CONTOUR (1205)
SANITARY SEWER LINE (SPECIFY SIZE & TYPE) (SS)
GAS LINE (G)
WATER LINE (SPECIFY SIZE & TYPE) (W)
UNDERGROUND TELEPHONE (UGT)
UNDERGROUND ELECTRIC (UGE)
OVERHEAD ELECTRIC (OHE)
UNDERGROUND TELEVISION (UGTV)
OVERHEAD TELEVISION (OHTV)
CHAIN LINK FENCE
WOOD FENCE
BARBED WIRE FENCE
FIBER OPTIC (FO)
RIGHT OF WAY
ROAD CENTERLINE

LEGEND (CONSTRUCT)

SYMBOLS	
	SET IRON PIN
	LIGHT POLE
	POWER POLE
	TELEPHONE PEDESTAL
	TV PEDESTAL
	MANHOLE
	SANITARY SEWER CLEANOUT
	GAS METER
	GAS VALVE
	STORM SEWER PIPE
X-X	STRUCTURE NUMBER
	WATER VALVE
	FIRE HYDRANT ASSEMBLY
	AIR RELEASE VALVE
	FIRE DEPARTMENT CONNECTION
	WATER METER
	BACK FLOW PREVENTER
	REDUCER
	RECTANGULAR DROP INLET, GRATED INLET OR JUNCTION BOX (SPECIFY ON PLAN SHEET)
	CIRCULAR DROP INLET, GRATED INLET OR JUNCTION BOX (SPECIFY ON PLAN SHEET)

LINEWORK
EASEMENT
CURB
INTERMEDIATE CONTOUR (1206)
INDEX CONTOUR (1205)
SANITARY SEWER LINE (SS)
GAS LINE (G)
WATER LINE (W)
UNDERGROUND TELEPHONE (UGT)
UNDERGROUND ELECTRIC (UGE)
OVERHEAD ELECTRIC (OHE)
FIBER OPTIC (FO)
UNDERGROUND TELEVISION (UGTV)
CHAIN LINK FENCE
WOOD FENCE
BARBED WIRE FENCE
BUILDING SET BACK
RIGHT OF WAY
PROPERTY LINE
ROAD CENTERLINE

HATCH LEGEND

- SOD
- CONCRETE SIDEWALK
- HEAVY DUTY ASPHALT
- REGULAR DUTY CONCRETE

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CRAFTON, TULL & ASSOCIATES, INC. No. 109
CERTIFICATE OF AUTHORIZATION
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
30' 0 30'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No.19931 TYLER D. FEEMSTER

ISSUED FOR BIDDING

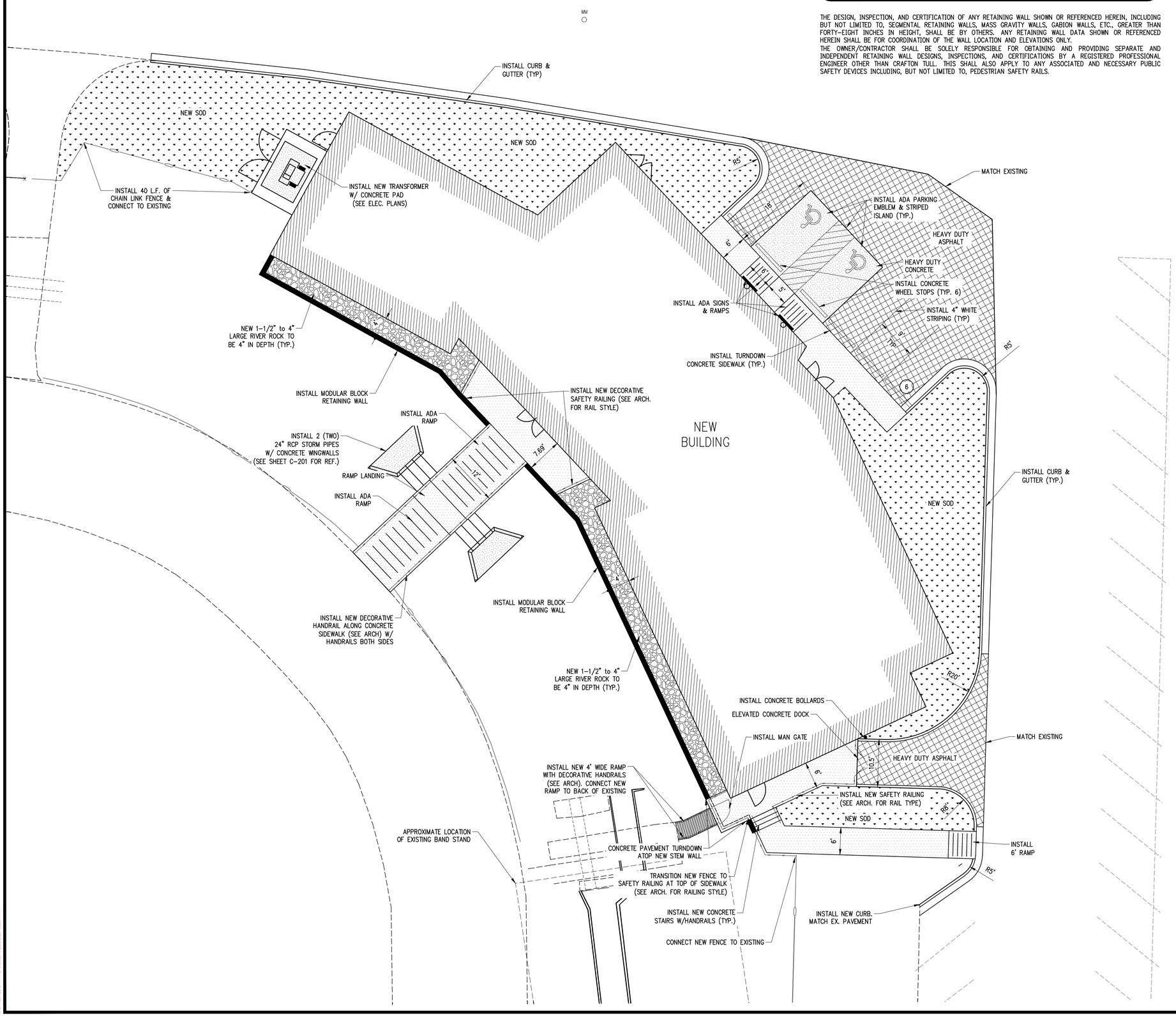
02/27/2026

© 2026 Crafton, Tull & Associates, Inc.

OVERALL SITE PLAN

C-101

DRAWING: G:\25801201_GREENBRIAR\CIVIL\ARPRIM\STRUCTURE\CIVIL\SHEETS\01 SITE PLAN.DWG
LAYOUT: C-101 OVERALL SITE PLAN
LAST PLOTTED BY: RANDAL LEDBY 2/27/2026 8:35:30 AM



RETAINING WALL DESIGN, INSPECTION, AND CERTIFICATION BY OTHERS

THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS ONLY.
THE OWNER/CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING AND PROVIDING SEPARATE AND INDEPENDENT RETAINING WALL DESIGNS, INSPECTIONS, AND CERTIFICATIONS BY A REGISTERED PROFESSIONAL ENGINEER OTHER THAN CRAFTON TULL. THIS SHALL ALSO APPLY TO ANY ASSOCIATED AND NECESSARY PUBLIC SAFETY DEVICES INCLUDING, BUT NOT LIMITED TO, PEDESTRIAN SAFETY RAILS.

SITE NOTES

1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS ONLY.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY/STATE/FEDERAL REGULATIONS AND CODES AND OSHA STANDARDS.
3. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.
4. ALL CURB DIMENSIONS AND RADII ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
5. ALL PAVEMENT MARKINGS DIMENSIONS BACK OF CURB UNLESS OTHERWISE NOTED.
6. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
7. ALL CURB/SIDEWALK/HANDICAP RAMP DESIGNS SHALL CONFORM TO ADA STANDARDS OR LOCAL RESTRICTIVE CODES, WHICHEVER IS MORE RESTRICTIVE.
8. CONTRACTOR SHALL ENSURE ALL NECESSARY PERMITS ARE OBTAINED PRIOR TO CONSTRUCTION START.
9. CONTRACTOR SHALL MATCH NEW CURB AND GUTTER, CONCRETE, AND PAVEMENT TO EXISTING IN GRADE AND ALIGNMENT.
10. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
11. CERTAIN SITE AMENITIES, INCLUDING BUT NOT LIMITED TO DUMPSTER ENCLOSURES, FENCES, GATES, MAIL KIOSKS, PLAYGROUNDS, RECREATIONAL, SOCIAL, AND GATHERING FEATURES, SHALL BE DESIGNED AND SPECIFIED BY OTHERS. DUMPSTER ENCLOSURES DETAILED DESIGN AND SPECIFICATIONS SHALL BE PROVIDED BY THE OWNER/PROJECT ARCHITECT AND SHALL MEET LOCAL JURISDICTION DESIGN STANDARDS AND SPECIFICATIONS, IF APPLICABLE, AND THE REQUIREMENTS OF THE PROJECT'S SERVICE PROVIDER. IF APPLICABLE, THE ARCHITECT SHALL PROVIDE, COORDINATE, AND SUBMIT DETAILS FOR THE DUMPSTER ENCLOSURE FOOTPRINT AND SITE PLACEMENT REQUIREMENTS TO CRAFTON TULL.
12. OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL NECESSARY WARNING AND LIFE SAFETY SIGNS AND DEVICES ASSOCIATED WITH THIS PROJECT.

HATCH LEGEND

SOD

CONCRETE SIDEWALK

HEAVY DUTY ASPHALT

HEAVY DUTY CONCRETE

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION — CRAFTON, TULL & ASSOCIATES, INC. No. 109 — ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
10' 0 10'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — TYLER D. FEEMSTER — No.19931

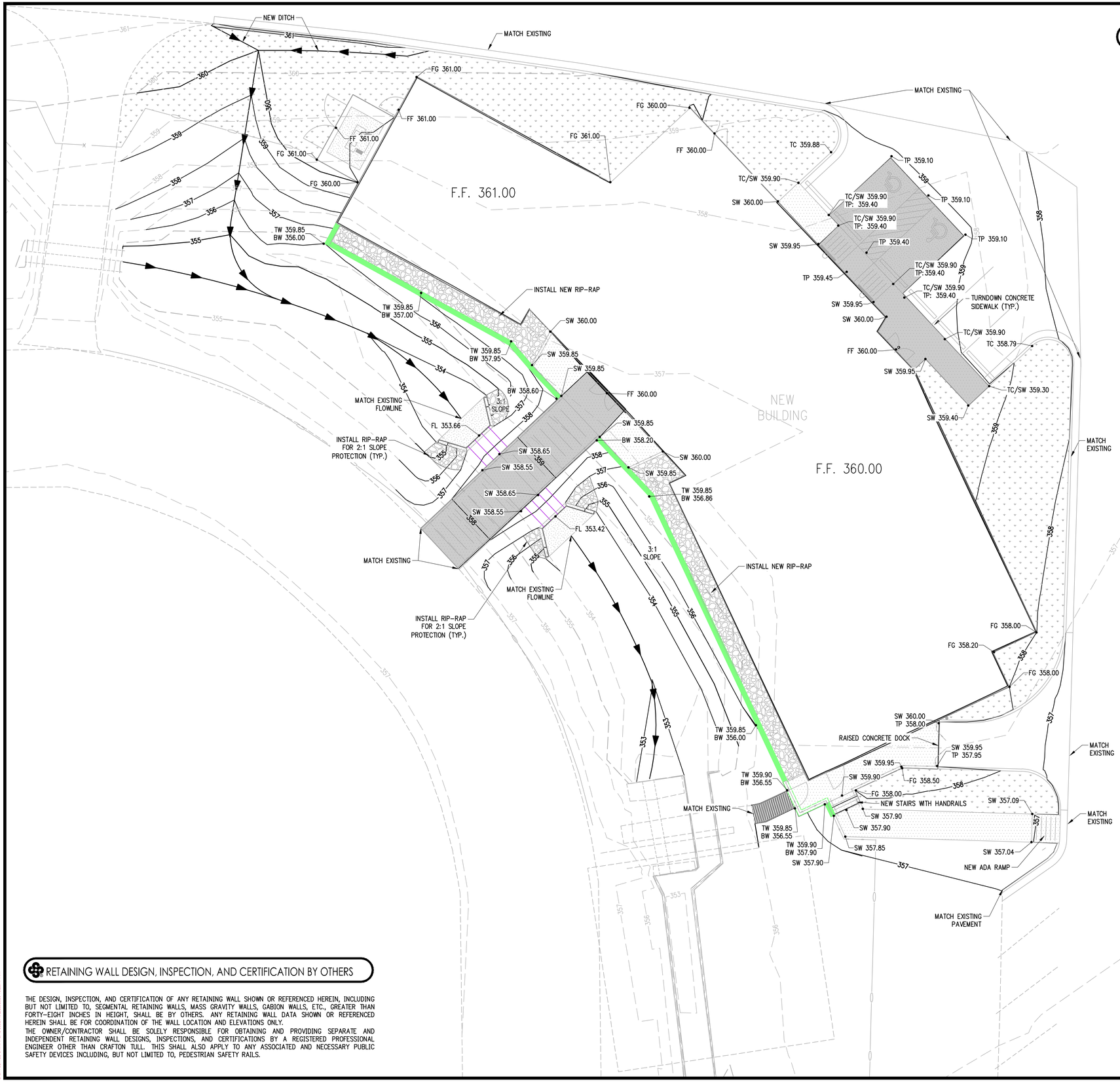
© 2026 Crafton, Tull & Associates, Inc.

02/27/2026

SITE PLAN

C-102

DRAWING: C:\25801201_GREENBRIER\CPI-INFRASTRUCTURE\CIVIL\DWG\SITE PLAN.DWG
LAST MODIFIED BY: TFEEMSTER, LAST SAVED: 2/27/2026 10:27:27 AM
LAST PLOTTED BY: RAMON, LAST PLOT: 2/27/2026 10:29:27 AM



GRADING AND DRAINAGE NOTES

1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS ONLY.
2. THE OWNER/CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING AND PROVIDING SEPARATE AND INDEPENDENT RETAINING WALL DESIGNS, INSPECTIONS, AND CERTIFICATIONS BY A REGISTERED PROFESSIONAL ENGINEER OTHER THAN CRAFTON TULL. THIS SHALL ALSO APPLY TO ANY ASSOCIATED AND NECESSARY PUBLIC SAFETY DEVICES INCLUDING, BUT NOT LIMITED TO, PEDESTRIAN SAFETY RAILS.
3. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF EXISTING UTILITIES ON SITE OR IN RIGHT-OF-WAY. ALL UTILITIES MUST BE LOCATED PRIOR TO GRADING START.
4. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS, GEO-TECHNICAL REPORT, OR LOCAL JURISDICTION, WHICHEVER IS MORE RESTRICTIVE..
5. ALL CUT OR FILL SLOPES SHALL BE A MAX 3:1 SLOPE OR FLATTER UNLESS OTHERWISE NOTED.
6. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITION OR BETTER.
7. ALL STORM SEWER PIPE CONNECTIONS TO STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATERTIGHT. ALL STORM SEWER STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.
8. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY WHEN IN PAVED AND TRAFFIC AREAS.
9. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS AND COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 1" ABOVE FINISH GRADE. LIDS SHALL BE LABELED PER JURISDICTIONAL SPECIFICATIONS.
10. SITE GRADING SHALL NOT PROCEED UNTIL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL NPDES PERMIT AND THE SWPPP FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
11. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL TO FINAL GRADE. REFER TO THE LANDSCAPE PLAN.
12. TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY LAND SURVEYORS. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON PLANS, CONTACT ENGINEER IMMEDIATELY.
13. THE CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS THROUGHOUT ALL PHASES OF CONSTRUCTION.
14. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.
15. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS, GEO-TECHNICAL REPORT AND SPECIFICATIONS.
16. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
17. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ENSURE A SMOOTH FIT AND CONTINUOUS GRADE.
18. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
19. IF WET AREAS ARE ENCOUNTERED ON-SITE THE CONTRACTOR SHALL COORDINATE WITH THE GEOTECHNICAL ENGINEER FOR THE DESIGN AND PLACEMENT OF A FRENCH DRAIN SYSTEM.
20. CRAFTON, TULL & ASSOCIATES, INC. (CTA) HAS NOT NECESSARILY ESTABLISHED MINIMUM FINISH FLOOR ELEVATIONS FOR EACH INDIVIDUAL BUILDING OR LOT IN THIS SUBDIVISION. WHEN A MINIMUM BUILDING FLOOR ELEVATION IS NOT ESTABLISHED AND NOTED, THE ULTIMATE RESPONSIBILITY FOR THE PROPER GRADING OF EACH INDIVIDUAL LOT OR PARCEL SHALL REST WITH THE LOT'S OWNER. TYPICALLY, THE MINIMUM FINISH FIRST FLOOR ELEVATIONS SHOULD BE AT LEAST TWELVE INCHES (12") ABOVE THE FINISHED TOP OF STREET CURB ELEVATION ASSOCIATED WITH EACH INDIVIDUAL LOT OR PARCEL OR AS REQUIRED BY LOCAL AND STATE CODES.

ACCESSIBILITY NOTES

INDICATES ACCESSIBLE ROUTE.

1. THE AREAS ON THIS SHEET INDICATED BY THIS HATCH PATTERN ARE CONSIDERED AN ACCESSIBLE ROUTE AND SHALL MEET THE LATEST EDITIONS AND GUIDELINES PROVIDED BY THE FAIR HOUSING ACT (FHA) AND/OR THE AMERICANS WITH DISABILITIES ACT (ADA).
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT THE ACCESSIBLE ROUTES PER THESE PLANS AND THE FHA/ADA GUIDELINES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY IN THE DETAILS AND GRADES PROVIDED ON THE GRADING PLAN PRIOR TO PLACING ANY CONCRETE.
3. THE MAXIMUM CROSS SLOPE SHALL NOT EXCEED 2% FOR ANY ACCESSIBLE ROUTE.
4. THE MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% FOR AN ACCESSIBLE ROUTE UNLESS A RAMP IS PROVIDED THAT MEETS THE REQUIREMENTS OF AN ACCESSIBLE ROUTE (SEE DETAILS).
5. THE MAXIMUM SLOPE OF AN ACCESSIBLE PARKING STALL NOT EXCEED 2% IN ANY DIRECTION.
6. ACCESSIBLE ROUTE DETAILS FOR SIDEWALKS, CROSSWALKS, RAMPS, HANDRAILS, AND HANDICAP PARKING STALLS ARE PROVIDED ON SHEETS C-502.
7. NEITHER THE OWNER NOR THE ENGINEER WILL MAKE EXHAUSTIVE CHECKS OF THE CONTRACTOR'S WORK ON THE ACCESSIBLE ROUTES. RATHER, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT THE ACCESSIBLE ROUTES PER THE PLANS AND DETAILS TO ENSURE COMPLIANCE WITH THE FHA/ADA.
8. AT HIS OWN EXPENSE, THE CONTRACTOR SHALL REMOVE AND REPLACE ANY SECTIONS OF AN ACCESSIBLE ROUTE THAT EXCEED THE MAXIMUM GRADES. THIS SHALL BE STRICTLY ENFORCED.

GRADING PLAN SPOT ELEVATIONS

BW	BOTTOM WALL
FG	FINISHED GRADE
FL	FLOW LINE
G	GUTTER
SW	SIDEWALK
TC	TOP CURB
TP	TOP PAVEMENT
TW	TOP WALL
EG	EXISTING GRADE

RETAINING WALL DESIGN, INSPECTION, AND CERTIFICATION BY OTHERS

THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS ONLY.
THE OWNER/CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING AND PROVIDING SEPARATE AND INDEPENDENT RETAINING WALL DESIGNS, INSPECTIONS, AND CERTIFICATIONS BY A REGISTERED PROFESSIONAL ENGINEER OTHER THAN CRAFTON TULL. THIS SHALL ALSO APPLY TO ANY ASSOCIATED AND NECESSARY PUBLIC SAFETY DEVICES INCLUDING, BUT NOT LIMITED TO, PEDESTRIAN SAFETY RAILS.

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
10' 0 10'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T. FEEMSTER
QC by:
QC Date:

ISSUED FOR REVIEW

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER

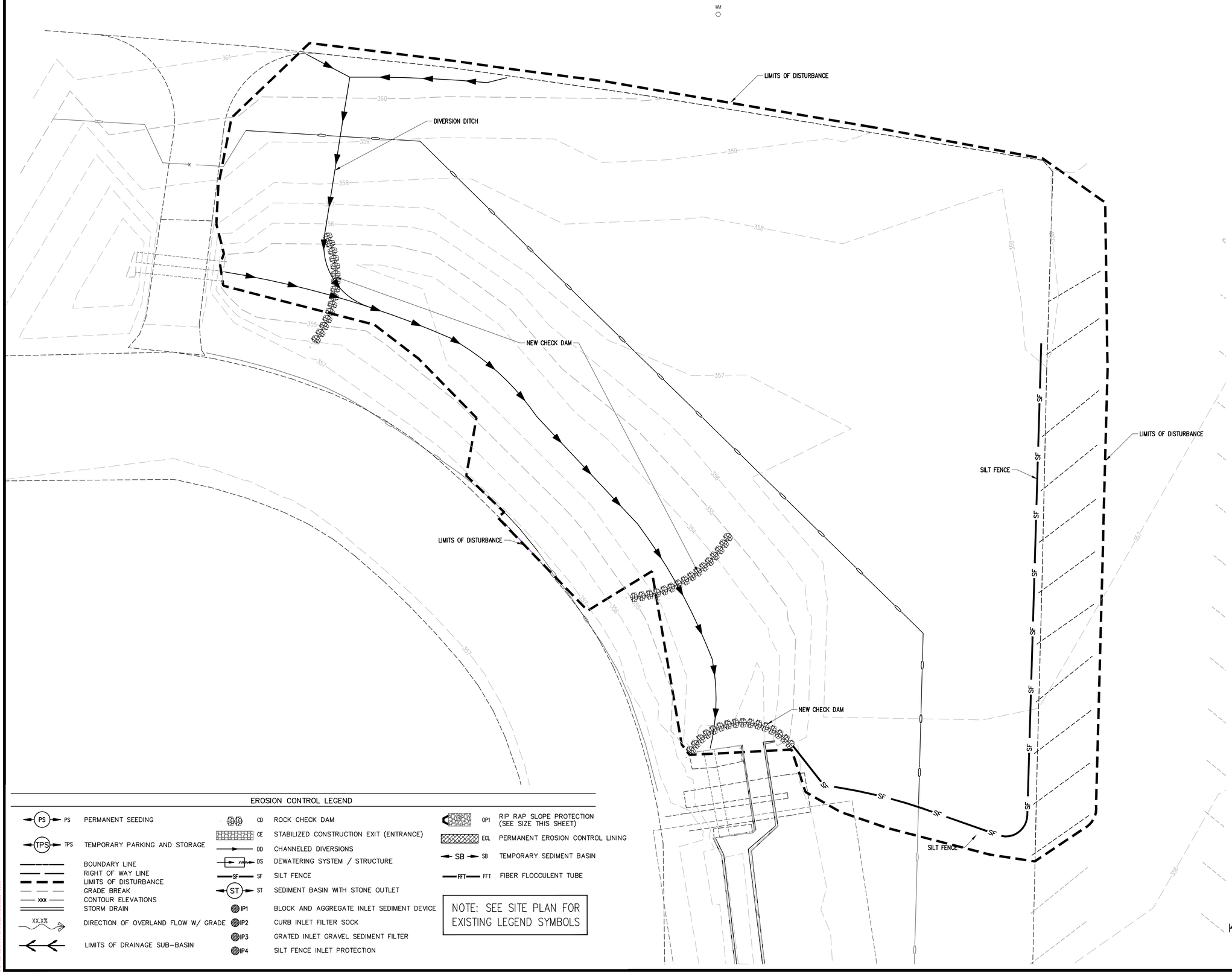
© 2026 Crafton, Tull & Associates, Inc.

02/27/2026

GRADING PLAN

C-103

DRAWING: C:\25801201_GRNBRBANDHOUSE\INFRASTRUCTURE\CIVIL\DWG\GRADING PLAN.DWG
LAST MODIFIED BY: RANDAL ISSERT - 2/25/2026 10:23:47 AM



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	CURB INLET FILTER SOCK		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
10' 0 10'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER

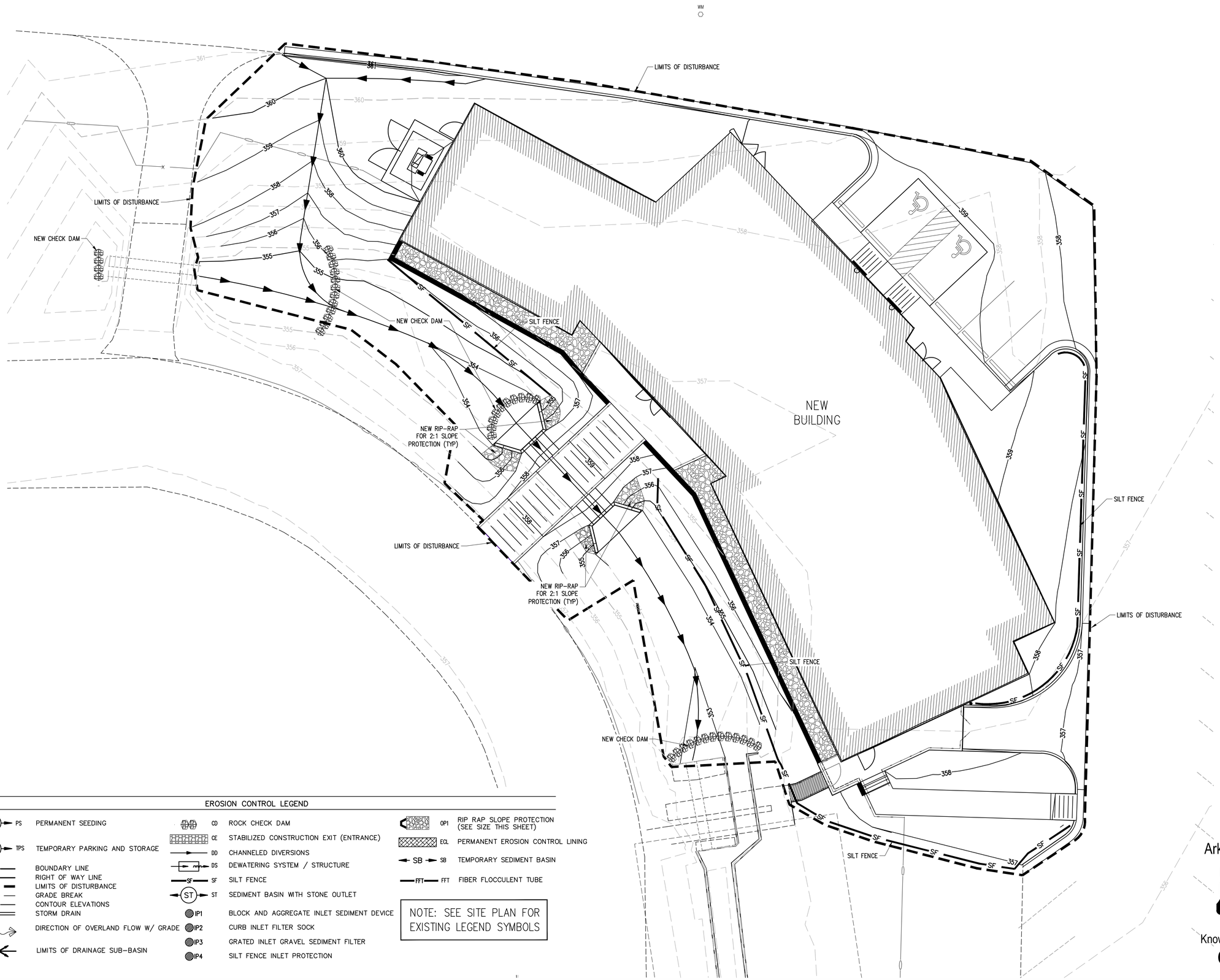
© 2026 Crafton, Tull & Associates, Inc.

02/27/2026

EROSION CONTROL PH I

C-104

DRAWING: C:\25801201_GREENBRIER\CAD\PLANSHEETS\PH I\CIVIL\EROSION CONTROL\EC PH I.DWG
LAST MODIFIED BY: RANDAL.WEST 2/25/2026 4:33:30 AM



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	EQL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	CURB INLET FILTER SOCK		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
10' 0 10'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER
02/27/2026

© 2026 Crafton, Tull & Associates, Inc.

EROSION CONTROL PH II

C-105

DRAWING: G:\25801201_GREENBRIER\CITY\ARKITECTURE\PLOTS\DWG FILES\EROSION CONTROL.DWG
LAST PLOTTED BY: RANDAL GIBBY 2/27/2026 9:53:52 AM

PHASE I

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXITS.
2. PREPARE TEMPORARY PARKING AND STORAGE AREAS. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASH-OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.
3. CONSTRUCT THE SILT FENCES ON THE SITE.
4. CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS.
5. HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEER CONSULTANT TO PERFORM INSPECTION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND-DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
6. CLEAR AND GRUB THE SITE.
7. START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES.
8. BEGIN GRADING THE SITE.

PHASE II

1. TEMPORARILY SEED DENUDED AREAS.
2. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
3. INSTALL RIP-RAP AROUND OUT STRUCTURES.
4. INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES.
5. PREPARE SITE FOR PAVING.
6. PAVE SITE.
7. INSTALL INLET PROTECTION DEVICES.
8. COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
9. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IF SITE IS STABILIZED.

GENERAL EROSION NOTES:

A. THE STORMWATER POLLUTION PREVENTION PLAN IS COMPRISED OF THIS DRAWING (SITE MAP), THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN THE SPECIFICATIONS SECTION 312800 (EROSION AND SEDIMENTATION CONTROL), PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.

B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND THE STATE OF ARKANSAS NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.

C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

D. BEST MANAGEMENT PRACTICES (BMP) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AND APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.

E. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON THE SITE AT ALL TIMES.

F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.

G. GENERAL CONTRACTOR SHALL DENOTE THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, AND AREA FOR PORTABLE FACILITIES, OFFICE TRAILERS AND TOILET FACILITIES.

H. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE AND EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.

I. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.

J. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

K. RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM BEING BLOWN OR WASHED OFF-SITE.

L. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN AND SWPPP SHALL BE INITIATED AS SOON AS POSSIBLE.

M. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS SHALL BE TEMPORARY SEEDED.

N. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.

O. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.

P. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

Q. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

R. ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH THE GENERAL PERMIT.

S. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

T. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO PREVENT EROSION.

U. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

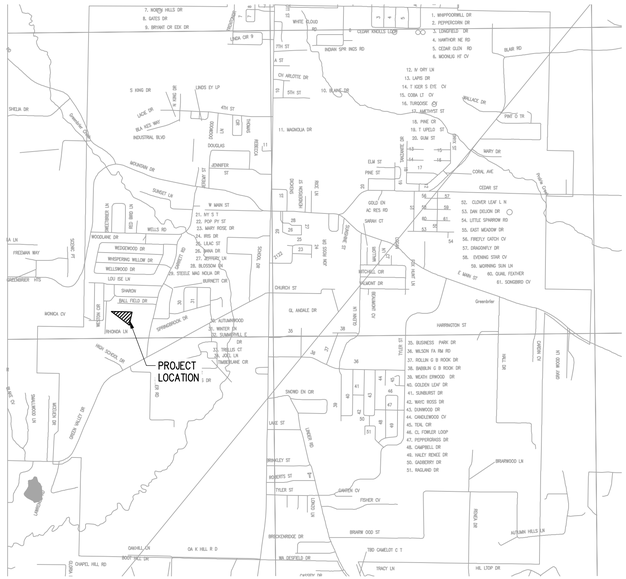
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ROUGH GRADE / SEDIMENT CONTROL																		
TEMPORARY CONTROL MEASURES																		
STRIP & STOCKPILE TOPSOIL																		
STORM FACILITIES																		
TEMPORARY CONSTRUCTION ROADS																		
FOUNDATION / BUILDING CONSTRUCTION																		
SITE CONSTRUCTION																		
PERMANENT CONTROL STRUCTURES																		
FINISH GRADING																		
LANDSCAPING/SEED/FINAL STABILIZATION																		

ACREAGE SUMMARY	
IMPERVIOUS AREA	± 0.38 ACRES
SEEDED AREA	± 0.17 ACRES
TOTAL DISTURBED	± 0.55 ACRES

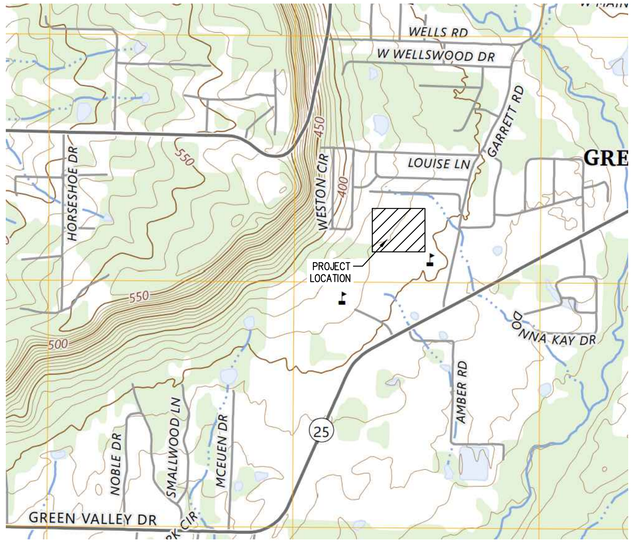
DEVELOPER/OWNER:
GREENBRIER HIGH SCHOOL
72 GREEN VALLEY DR
GREENBRIER, AR
72058

SITE OPERATOR/GENERAL CONTRACTOR:
TBD

SUPERINTENDENT:
TBD



VICINITY MAP
NTS



USGS QUADRANGLE MAP
NTS

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CRAFTON, TULL & ASSOCIATES, INC. No. 109

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No.19931 TYLER D. FEEMSTER

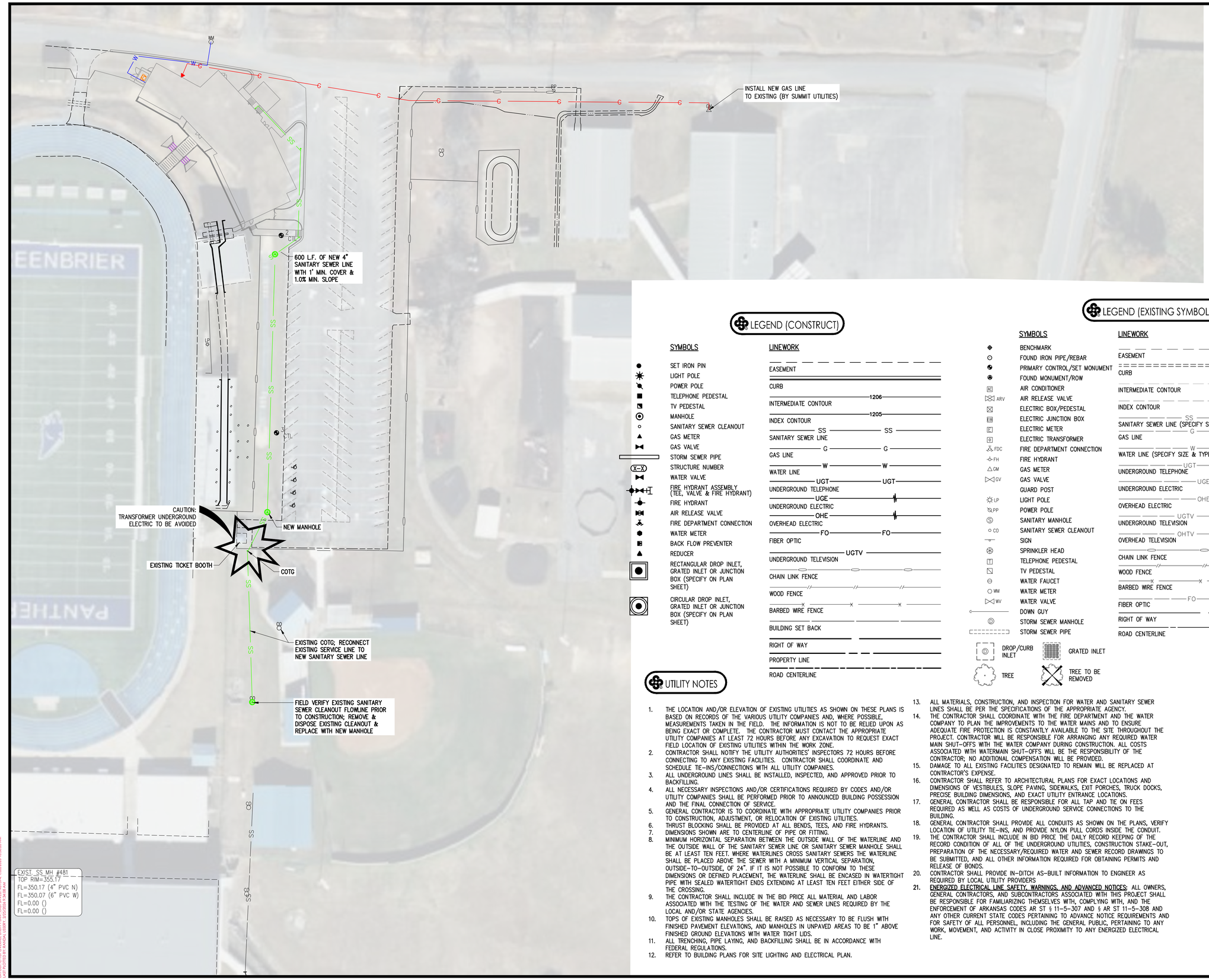
02/27/2026

© 2026 Crafton, Tull & Associates, Inc.

EROSION CONTROL NOTES

C-106

DRAWING: C:\25801201_GREENBRIER\CIVIL\MARKUPS\C-106-EROSION CONTROL NOTES.DWG
LAST PLOTTED BY: BRANDON LOVERN ON: 2/27/2026 9:55:53 AM



LEGEND (CONSTRUCT)

SYMBOLS	LINEWORK
SET IRON PIN	EASEMENT
LIGHT POLE	CURB
POWER POLE	INTERMEDIATE CONTOUR (1206)
TELEPHONE PEDESTAL	INDEX CONTOUR (1205)
TV PEDESTAL	SANITARY SEWER LINE (SS)
MANHOLE	GAS LINE (G)
SANITARY SEWER CLEANOUT	WATER LINE (W)
GAS METER	UNDERGROUND TELEPHONE (UGT)
GAS VALVE	UNDERGROUND ELECTRIC (UGE)
STORM SEWER PIPE	OVERHEAD ELECTRIC (OHE)
STRUCTURE NUMBER (X-X)	FIBER OPTIC (FO)
WATER VALVE	UNDERGROUND TELEVISION (UGTV)
FIRE HYDRANT ASSEMBLY (TEE, VALVE & FIRE HYDRANT)	CHAIN LINK FENCE
FIRE HYDRANT	WOOD FENCE
AIR RELEASE VALVE	BARBED WIRE FENCE
FIRE DEPARTMENT CONNECTION	BUILDING SET BACK
WATER METER	RIGHT OF WAY
BACK FLOW PREVENTER	PROPERTY LINE
REDUCER	ROAD CENTERLINE
RECTANGULAR DROP INLET, GRATED INLET OR JUNCTION BOX (SPECIFY ON PLAN SHEET)	
CIRCULAR DROP INLET, GRATED INLET OR JUNCTION BOX (SPECIFY ON PLAN SHEET)	

LEGEND (EXISTING SYMBOLS)

SYMBOLS	LINEWORK
BENCHMARK	EASEMENT
FOUND IRON PIPE/REBAR	CURB
PRIMARY CONTROL/SET MONUMENT	INTERMEDIATE CONTOUR (1206)
FOUND MONUMENT/ROW	INDEX CONTOUR (1205)
AC AIR CONDITIONER	SANITARY SEWER LINE (SPECIFY SIZE & TYPE) (SS)
ARV AIR RELEASE VALVE	GAS LINE (G)
ELECTRIC BOX/PEDESTAL	WATER LINE (SPECIFY SIZE & TYPE) (W)
EJB ELECTRIC JUNCTION BOX	UNDERGROUND TELEPHONE (UGT)
E ELECTRIC METER	UNDERGROUND ELECTRIC (UGE)
ELECTRIC TRANSFORMER	OVERHEAD ELECTRIC (OHE)
FDC FIRE DEPARTMENT CONNECTION	UNDERGROUND TELEVISION (UGTV)
FH FIRE HYDRANT	OVERHEAD TELEVISION (OHTV)
GM GAS METER	CHAIN LINK FENCE
GV GAS VALVE	WOOD FENCE
GUARD POST	BARBED WIRE FENCE
LP LIGHT POLE	FIBER OPTIC (FO)
PP POWER POLE	RIGHT OF WAY
S SANITARY MANHOLE	ROAD CENTERLINE
CO SANITARY SEWER CLEANOUT	
SIGN	
SPRINKLER HEAD	
TELEPHONE PEDESTAL	
TV PEDESTAL	
WATER FAUCET	
WM WATER METER	
WV WATER VALVE	
DOWN GUY	
STORM SEWER MANHOLE	
STORM SEWER PIPE	
DROP/CURB INLET	GRATED INLET
TREE	TREE TO BE REMOVED

UTILITY NOTES

1. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF EXISTING UTILITIES WITHIN THE WORK ZONE.
2. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES' INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING FACILITIES. CONTRACTOR SHALL COORDINATE AND SCHEDULE TIE-INS/CONNECTIONS WITH ALL UTILITY COMPANIES.
3. ALL UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED, AND APPROVED PRIOR TO BACKFILLING.
4. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
5. GENERAL CONTRACTOR IS TO COORDINATE WITH APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION, ADJUSTMENT, OR RELOCATION OF EXISTING UTILITIES.
6. THRUST BLOCKING SHALL BE PROVIDED AT ALL BENDS, TEES, AND FIRE HYDRANTS.
7. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
8. MINIMUM HORIZONTAL SEPARATION BETWEEN THE OUTSIDE WALL OF THE WATERLINE AND THE OUTSIDE WALL OF THE SANITARY SEWER LINE OR SANITARY SEWER MANHOLE SHALL BE AT LEAST TEN FEET. WHERE WATERLINES CROSS SANITARY SEWERS THE WATERLINE SHALL BE PLACED ABOVE THE SEWER WITH A MINIMUM VERTICAL SEPARATION, OUTSIDE-TO-OUTSIDE, OF 24". IF IT IS NOT POSSIBLE TO CONFORM TO THESE DIMENSIONS OR DEFINED PLACEMENT, THE WATERLINE SHALL BE ENCASED IN WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS EXTENDING AT LEAST TEN FEET EITHER SIDE OF THE CROSSING.
9. THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE ALL MATERIAL AND LABOR ASSOCIATED WITH THE TESTING OF THE WATER AND SEWER LINES REQUIRED BY THE LOCAL AND/OR STATE AGENCIES.
10. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH FINISHED PAVEMENT ELEVATIONS, AND MANHOLES IN UNPAVED AREAS TO BE 1" ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS.
11. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL REGULATIONS.
12. REFER TO BUILDING PLANS FOR SITE LIGHTING AND ELECTRICAL PLAN.
13. ALL MATERIALS, CONSTRUCTION, AND INSPECTION FOR WATER AND SANITARY SEWER LINES SHALL BE PER THE SPECIFICATIONS OF THE APPROPRIATE AGENCY.
14. THE CONTRACTOR SHALL COORDINATE WITH THE FIRE DEPARTMENT AND THE WATER COMPANY TO PLAN THE IMPROVEMENTS TO THE WATER MAINS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGHOUT THE PROJECT. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING ANY REQUIRED WATER MAIN SHUT-OFFS WITH THE WATER COMPANY DURING CONSTRUCTION. ALL COSTS ASSOCIATED WITH WATERMAIN SHUT-OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR; NO ADDITIONAL COMPENSATION WILL BE PROVIDED.
15. DAMAGE TO ALL EXISTING FACILITIES DESIGNATED TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
16. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, AND EXACT UTILITY ENTRANCE LOCATIONS.
17. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TAP AND TIE ON FEES REQUIRED AS WELL AS COSTS OF UNDERGROUND SERVICE CONNECTIONS TO THE BUILDING.
18. GENERAL CONTRACTOR SHALL PROVIDE ALL CONDUITS AS SHOWN ON THE PLANS, VERIFY LOCATION OF UTILITY TIE-INS, AND PROVIDE NYLON PULL CORDS INSIDE THE CONDUIT.
19. THE CONTRACTOR SHALL INCLUDE IN BID PRICE THE DAILY RECORD KEEPING OF THE RECORD CONDITION OF ALL OF THE UNDERGROUND UTILITIES, CONSTRUCTION STAKE-OUT, PREPARATION OF THE NECESSARY/REQUIRED WATER AND SEWER RECORD DRAWINGS TO BE SUBMITTED, AND ALL OTHER INFORMATION REQUIRED FOR OBTAINING PERMITS AND RELEASE OF BONDS.
20. CONTRACTOR SHALL PROVIDE IN-DITCH AS-BUILT INFORMATION TO ENGINEER AS REQUIRED BY LOCAL UTILITY PROVIDERS
21. **ENERGIZED ELECTRICAL LINE SAFETY, WARNINGS, AND ADVANCED NOTICES:** ALL OWNERS, GENERAL CONTRACTORS, AND SUBCONTRACTORS ASSOCIATED WITH THIS PROJECT SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH, COMPLYING WITH, AND THE ENFORCEMENT OF ARKANSAS CODES AR ST § 11-5-307 AND § AR ST 11-5-308 AND ANY OTHER CURRENT STATE CODES PERTAINING TO ADVANCE NOTICE REQUIREMENTS AND FOR SAFETY OF ALL PERSONNEL, INCLUDING THE GENERAL PUBLIC, PERTAINING TO ANY WORK, MOVEMENT, AND ACTIVITY IN CLOSE PROXIMITY TO ANY ENERGIZED ELECTRICAL LINE.

Arkansas One Call 811
Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
40' 0 40'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER

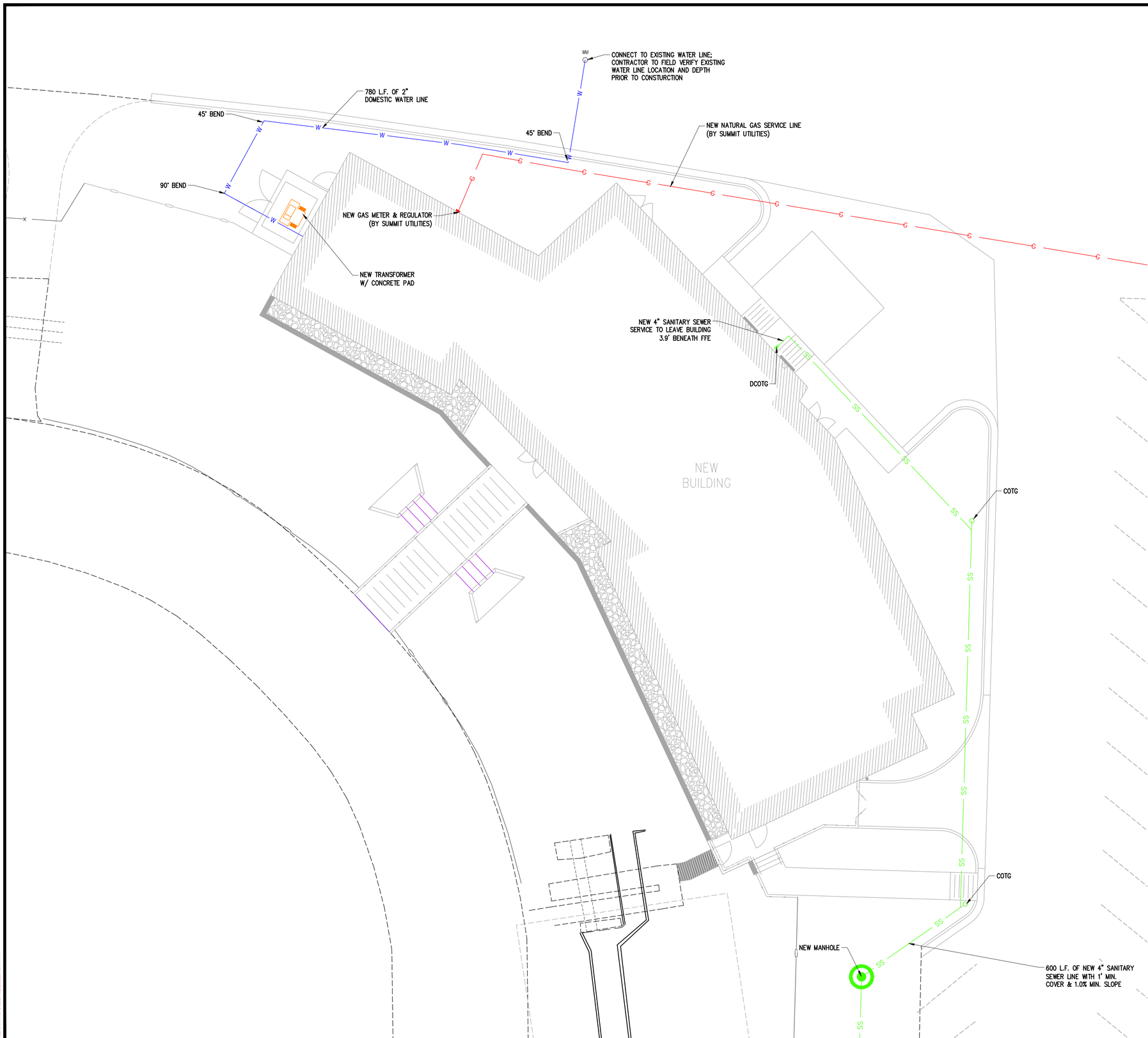
© 2026 Crafton, Tull & Associates, Inc.

02/27/2026

OVERALL UTILITY PLAN

C-107

DRAWING: C:\25801201 GREENBRIER\CAD\MASTER\CIVIL\CTA\CIVIL\UTILITY PLAN.DWG
LAST PLOTTED BY: RANDAL DEBERRY 2/27/2026 8:36:09 AM



Arkansas One Call 811

Know what's **below**.
Call before you dig.

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211

Crafton Tull

501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:

CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
10' 0 10'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER

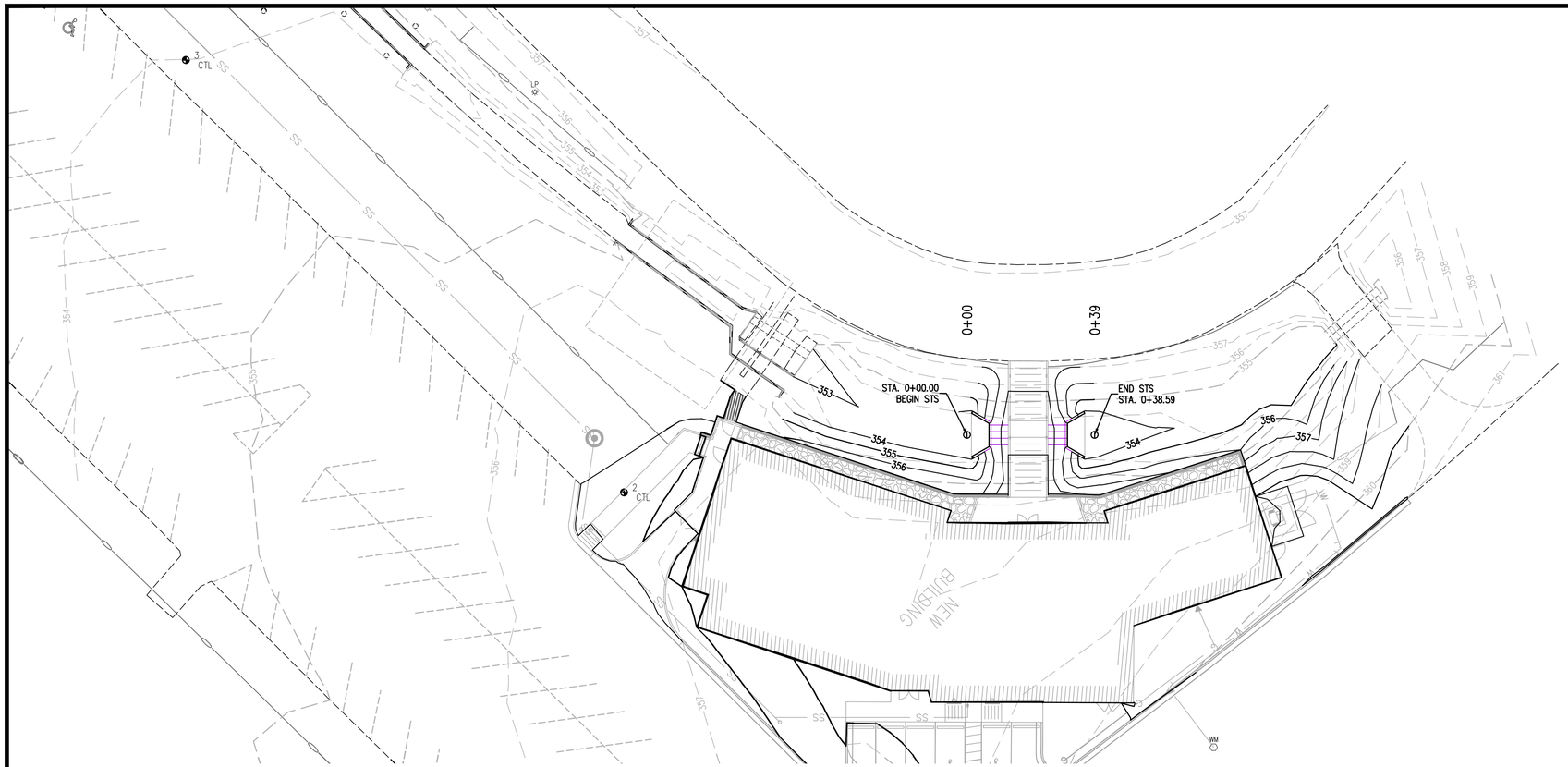
02/27/2026

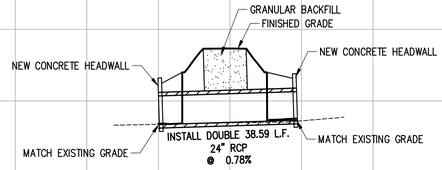
© 2026 Crafton, Tull & Associates, Inc.

UTILITY PLAN

C-108

DRAWING: G:\25801201_GHSBRMASON\CIVIL\CONSTRUCTION\C108_UTILITY PLAN.DWG
LAST SAVED BY: TFEEMSTER | LAST PLOTTED: 2/27/2026 9:58 AM
LAST PLOTTED BY: AMADA, LISSET | 2/27/2026 9:58 AM





STS
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:

CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

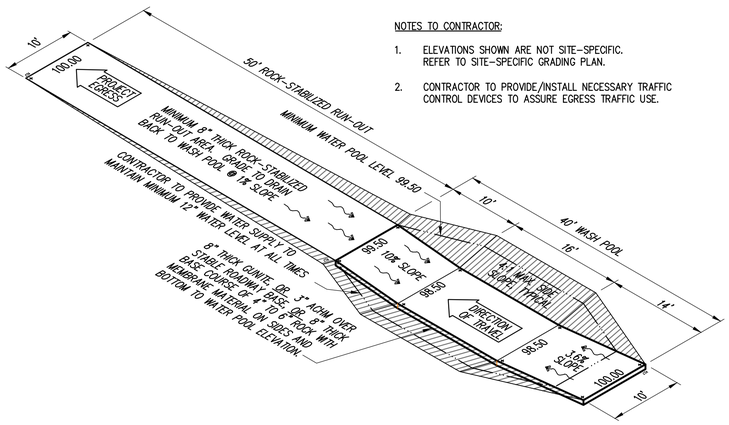
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER
02/27/2026

© 2026 Crafton, Tull & Associates, Inc.

STS P&P

C-201

DRAWING: G:\25801201 - GREENBRIER\CONSTRUCTION\CAD\LDD\PLOTS P&P.DWG
LAST PLOTTED BY RANDAL LISSEY - 2/25/2026 7:36:27 AM

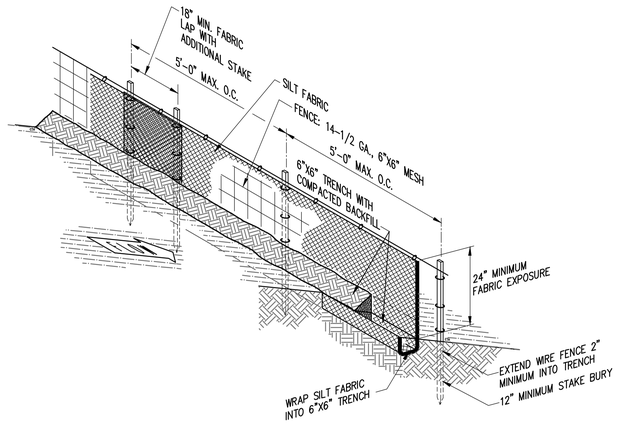


NOTES TO CONTRACTOR:

1. ELEVATIONS SHOWN ARE NOT SITE-SPECIFIC. REFER TO SITE-SPECIFIC GRADING PLAN.
2. CONTRACTOR TO PROVIDE/INSTALL NECESSARY TRAFFIC CONTROL DEVICES TO ASSURE EGRESS TRAFFIC USE.

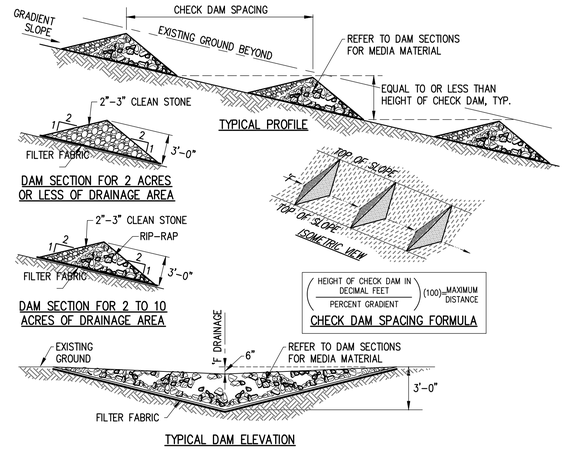
NTS

1	TEMPORARY EGRESS TIRE WASH POOL



NTS

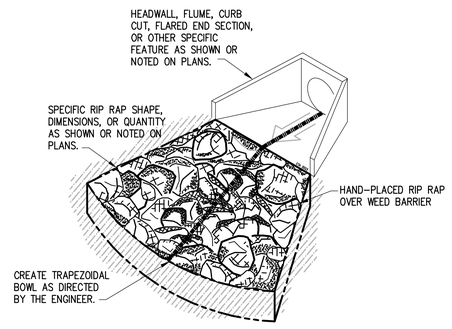
2	WIRE-BACKED SILT FENCE



NTS

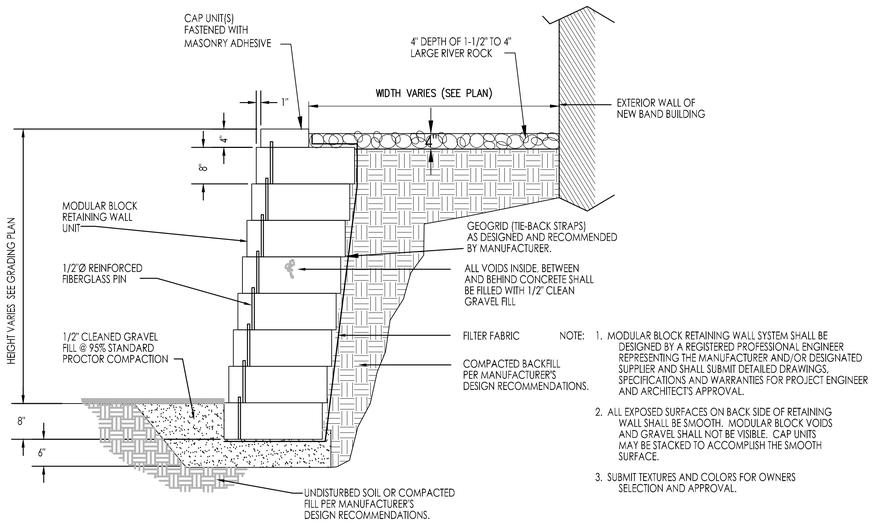
3	ROCK CHECK DAM

NOTES:
1. FINAL DESIGN SHALL COMPLY WITH LOCAL CODES AND REGULATIONS.
2. STONES SHALL CONSIST OF FIELD STONE OR ROUGH, UNHEWN QUARRY STONE AS NEARLY UNIFORM IN SIZE AS PRACTICAL.
3. STONES SHALL BE DENSE, RESISTANT TO THE ACTION OF WIND AND WATER, AND SUITABLE IN ALL ASPECTS FOR THE INTENDED USE.
4. ALL STONES SHALL WEIGH BETWEEN 50-150 POUNDS EACH AND AT LEAST 60% OF THE STONES SHALL WEIGH MORE THAN 100 POUNDS EACH.
5. STONES SHALL BE HAND-PLACED, OVER WEED BARRIER, AND FLUSH WITH ADJACENT FINISH GRADES.
6. CREATE TRAPEZOIDAL BOWL AS DIRECTED BY THE ENGINEER.
7. RIP RAP SHALL BE GROUTED IN PLACE IF SPECIFIED ON THE PLANS OR DIRECTED BY THE ENGINEER.



NTS

7	RIP-RAP SLOPE PROTECTION



NOTE:
1. MODULAR BLOCK RETAINING WALL SYSTEM SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER REPRESENTING THE MANUFACTURER AND/OR DESIGNATED SUPPLIER AND SHALL SUBMIT DETAILED DRAWINGS, SPECIFICATIONS AND WARRANTIES FOR PROJECT ENGINEER AND ARCHITECT'S APPROVAL.
2. ALL EXPOSED SURFACES ON BACK SIDE OF RETAINING WALL SHALL BE SMOOTH. MODULAR BLOCK VOIDS AND GRAVEL SHALL NOT BE VISIBLE. CAP UNITS MAY BE STACKED TO ACCOMPLISH THE SMOOTH SURFACE.
3. SUBMIT TEXTURES AND COLORS FOR OWNERS SELECTION AND APPROVAL.

MODULAR BLOCK RETAINING WALL DETAIL

NTS

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:

CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER

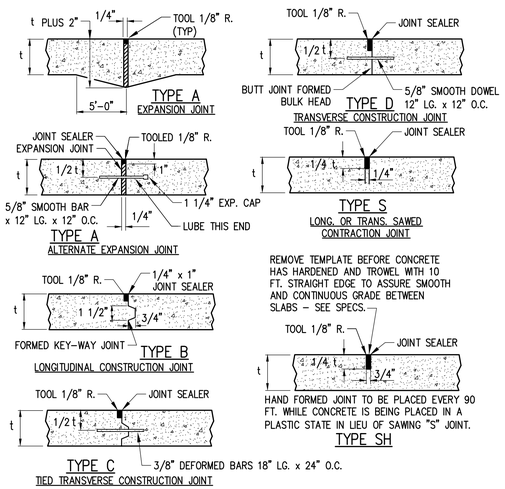
© 2026 Crafton, Tull & Associates, Inc.

02/27/2026

EROSION CONTROL DETAILS

C-501

DRAWING: G:\25801201_GREENBRIAR\CIV\VARIOUS\TULL\CIV\STANDARD DETAILS.DWG
LAST PLOTTED BY: RANDAL LEDBY 2/25/2026 9:26:16 AM

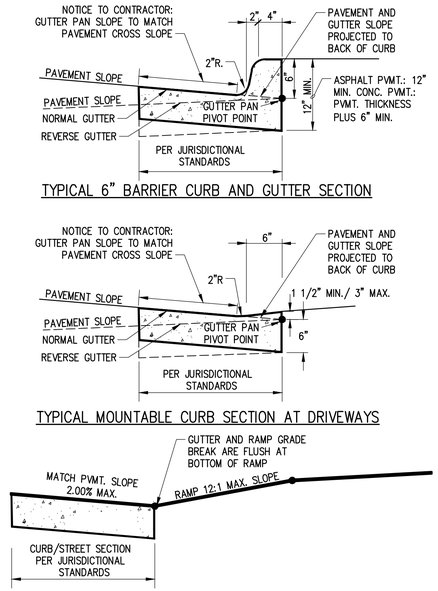


NOTES:

1. ALL JOINTS SPACING NOT TO EXCEED 15'-0" INTERVALS.
2. SAWED JOINTS SHALL BE CUT AS SOON AS POSSIBLE AFTER FINISH WORK IS COMPLETE & CONCRETE HAS CURED TO ACCEPT TYPE OF SAW EQUIPMENT.
3. ASSURE SAW JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.
4. SPECIFIED JOINT SEALANT APPLIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS SEALANT TOOLED 1/8" BELOW PAVEMENT SURFACE.
5. DRILLING BY HAND OR PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.
6. COMPLETELY FILL HOLE WITH EPOXY GROUT AND INSERT DOWEL WITH EXPANSION CAPS.
7. DOWELS SHALL BE ALIGNED PERPENDICULAR TO THE JOINT.

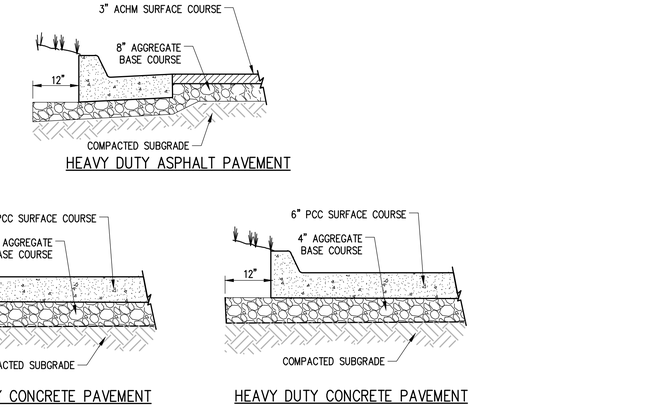
NTS

1 | CONCRETE PAVEMENT JOINTING DETAIL



NTS

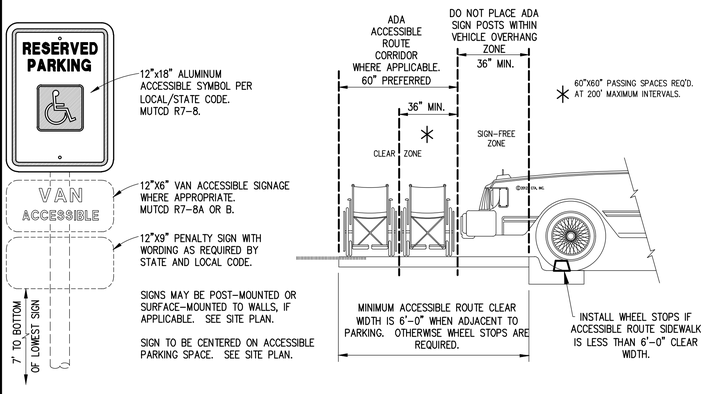
2 | TYPICAL CURB AND GUTTER SECTIONS



NOTES:

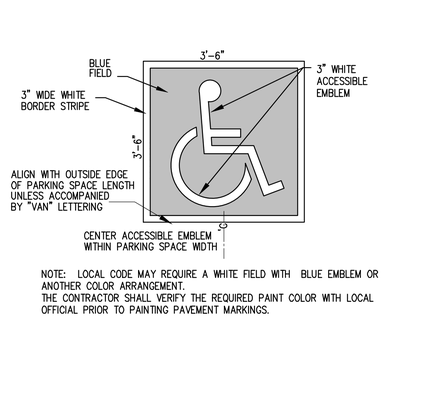
1. THE SUBGRADE UNDER PAVEMENTS SHALL BE PREPARED IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.
2. AFTER PROOF ROLLING WITH A LOADED TANDEM AXLE DUMP TRUCK AND PREPARING DEEP SUBGRADE DEFICIENCIES, THE ENTIRE SUBGRADE SHOULD BE SCARIFIED TO A DEPTH OF 8" AND UNIFORMLY COMPACTED TO AT LEAST 95% OF MODIFIED PROCTOR.
3. AGGREGATE BASE COURSE MIXTURES SHALL CONFORM WITH THE GRADATION, COMPACTION AND OTHER REQUIREMENTS SHOWN IN THE CONTRACT SPECIFICATIONS OR WITH THE LOCAL STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. ASPHALTIC SURFACE AND BINDER COURSES SHALL CONFORM WITH THE GRADATION, COMPACTION AND OTHER REQUIREMENTS SHOWN IN THE CONTRACT SPECIFICATIONS OR WITH THE LOCAL STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
5. PORTLAND CEMENT CONCRETE PAVEMENT SHALL CONFORM WITH THE REQUIREMENTS SHOWN IN THE CONTRACT SPECIFICATIONS OR WITH THE LOCAL STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. THE CONTRACTOR SHALL APPLY A TACK COAT TO THE FACE OF THE CONCRETE GUTTER WHERE THE GUTTER CONTACTS ASPHALT.

3 | PAVEMENT SECTIONS



NTS

4 | ACCESSIBLE SIGN / PLACEMENT LIMITS



NOTE: LOCAL CODE MAY REQUIRE A WHITE FIELD WITH BLUE EMBLEM OR ANOTHER COLOR ARRANGEMENT.
THE CONTRACTOR SHALL VERIFY THE REQUIRED PAINT COLOR WITH LOCAL OFFICIAL PRIOR TO PAINTING PAVEMENT MARKINGS.

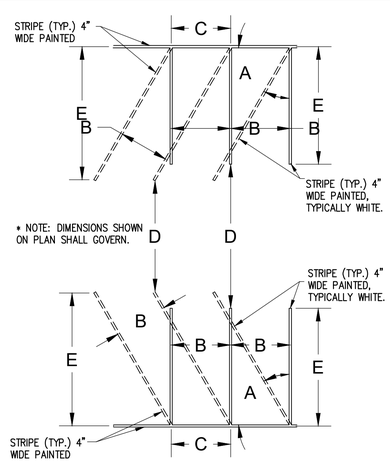
NTS

5 | ACCESSIBLE PAVEMENT EMBLEM

STRIPING DIMENSIONS						
ANGLE (A)	TYPE	WIDTH (IN FT.) (B)	CURB LENGTH (IN FT.) (C)	ONE-WAY AISLE WIDTH (IN FT.) (D)	TWO-WAY AISLE WIDTH (IN FT.) (D)	STALL DEPTH (IN FT.) (E)
0°	STANDARD	8	22.5	12	24	8
PARALLEL	COMPACT	7.5	19.5	12	24	7.5
30°	STANDARD	9	18	12	24	17
	COMPACT	7.5	15	12	24	14
45°	STANDARD	9	12.5	12	24	19
	COMPACT	7.5	10.5	12	24	16
60°	STANDARD	9	10.5	18	24	20
	COMPACT	7.5	8.5	15	24	16.5
90°	STANDARD	9	9	24	24	19
	COMPACT	7.5	7.5	22	24	15

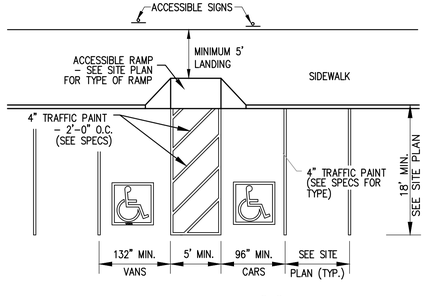
NOTES:

1. LETTERS, NUMBERS AND ARROWS FOR DRIVEWAYS, PARKING LOTS AND STREETS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS OUTLINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. PAVEMENT MARKINGS ARE TO BE PAINTED REFLECTIVE WHITE. MARKINGS SHALL BE THERMOPLASTIC IF CALLED FOR IN THE PLANS OR SPECIFICATIONS.



NTS

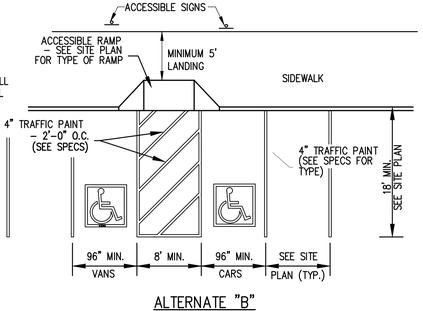
6 | PARKING STRIPES



ALTERNATE "A"

ALL DIMENSIONS ARE TO CENTERLINE OF STRIPE UNLESS OTHERWISE NOTED. COLOR OF ALL ACCESSIBLE TRAFFIC PAINT SHALL BE PER LOCAL CODE (WHITE, YELLOW, ETC.)

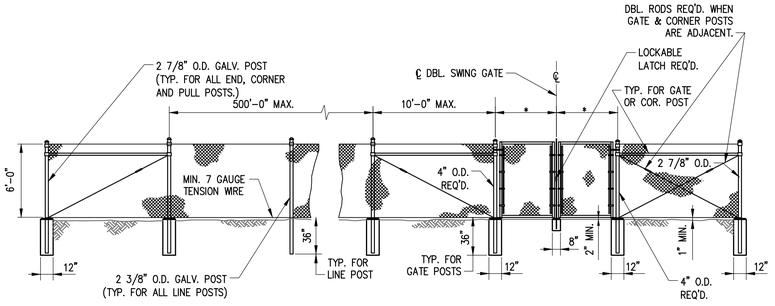
208.2.4 VAN PARKING SPACES: FOR EVERY SIX OR FRACTIONAL OF SIX PARKING SPACES REQUIRED BY 208.2 TO COMPLY WITH 502, AT LEAST ONE SHALL BE A VAN PARKING SPACE COMPLYING WITH 502.



ALTERNATE "B"

NTS

7 | VAN ACCESSIBLE PARKING STRIPING



* AS SHOWN ON SITE PLAN

NTS

8 | CHAIN LINK FENCE

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:

CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER
02/27/2026

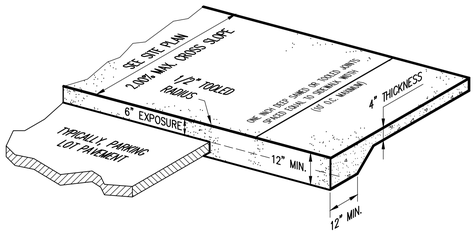
© 2026 Crafton, Tull & Associates, Inc.

STANDARD DETAILS SHT.1

C-502

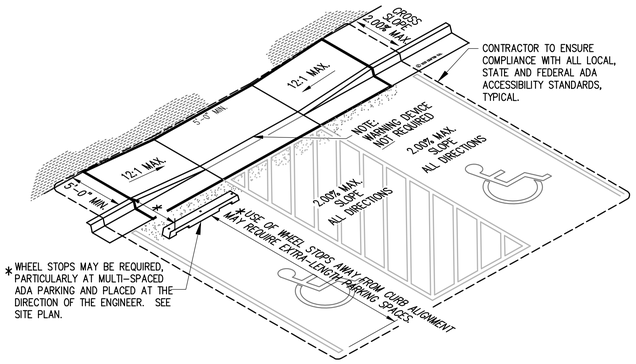
DRAWING: C:\25801201_GREENBRIER\CRAFTONTULL\CIVIL\DWG\STANDARD DETAILS.DWG
LAST PLOTTED BY: RANDAL GEERY 2/25/2026 3:36:29 PM

NOTES:
1. PROVIDE 1/2" EXPANSION JOINT BETWEEN SIDEWALK AND ALL FIXED OBJECTS.
2. PROVIDE 1/2" TOOLED RADIUS ON ALL EDGES.
3. CONCRETE TO BE MINIMUM 3500#, AE.



NTS

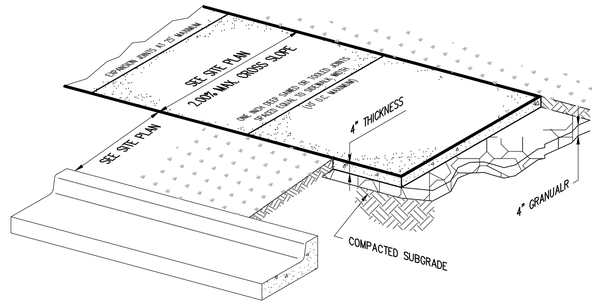
9 | PRIVATE SIDEWALK WITH TURNED DOWN EDGE



NTS

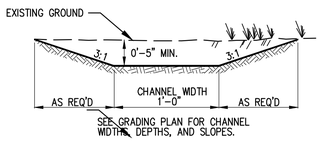
10 | DEPRESSED SIDEWALK AND CURB ACCESSIBLE RAMP

NOTES:
1. PROVIDE 1/2" EXPANSION JOINT BETWEEN SIDEWALK AND ALL FIXED OBJECTS.
2. PROVIDE 1/2" TOOLED RADIUS ON ALL EDGES.
3. CONCRETE TO BE MINIMUM 3500#, AE.



NTS

11 | PRIVATE SIDEWALK WITH GREEN SPACE



NTS

12 | SOD LINED CHANNEL

MINIMUM ACCESSIBLE PARKING SPACE REQUIREMENTS

ON-SITE (PRIVATE) ACCESSIBLE PARKING SCHEDULE		
TOTAL NUMBER OF PARKING SPACES REQUIRED PROVIDED (PER LOT)	TOTAL MINIMUM NUMBER OF ACCESSIBLE PARKING SPACES (60" & 96" AISLES) COLUMN "A"	VAN-ACCESSIBLE PARKING SPACES WITH MIN. 96" WIDE ACCESS AISLE
1 TO 25	1	1
26 TO 50	2	1
51 TO 75	3	1
76 TO 100	4	1
101 TO 150	5	1
151 TO 200	6	1
201 TO 300	7	2
301 TO 400	8	2
401 TO 500	9	2
501 TO 1000	2% OF TOTAL PARKING PROVIDED IN EACH LOT	1/6 OF COLUMN "A"
1001 & OVER	20 PLUS 1 FOR EACH 100 OVER 1000	1/6 OF COLUMN "A"

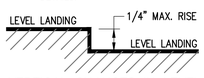
ON-STREET (PUBLIC) ACCESSIBLE PARKING SCHEDULE	
TOTAL NUMBER OF MARKED OR METERED PARKING SPACES ON THE BLOCK PERIMETER	TOTAL REQUIRED NUMBER OF ACCESSIBLE PARKING SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 AND OVER	4 PERCENT OF TOTAL

CARPORT AND GARAGE PARKING SPACES:
AT LEAST ONE CARPORT OR GARAGE SPACE SHALL BE ADA ACCESSIBLE IF EITHER ARE FEATURED AS SITE AMENITIES.

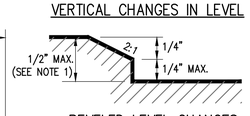
208.2.4 VAN PARKING SPACES:
FOR EVERY SIX OR FRACTIONAL OF SIX PARKING SPACES REQUIRED BY 208.2 TO COMPLY WITH 502, AT LEAST ONE SHALL BE A VAN PARKING SPACE COMPLYING WITH 502.

SLOPE	MAXIMUM RISE	MAXIMUM HORIZONTAL PROJECTION OR RUN
1:12 TO < 1:16 (8.33% TO < 6.25%)	30 INCHES	30 FEET
1:16 TO < 1:20 (6.25% TO < 5.00%)	30 INCHES	40 FEET

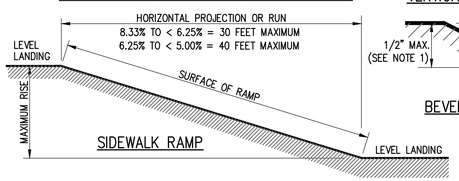
NOTES:
1. CHANGES IN LEVEL GREATER THAN 1/2 INCH SHALL BE ACCOMPLISHED BY MEANS OF A RAMP.
2. RAMP RUNS GREATER THAN SIX INCHES OF RISE OR GREATER SIX FEET IN HORIZONTAL PROJECTION SHALL HAVE HANDRAILS ON BOTH SIDES, EXCEPT CURB RAMPS.
3. HANDRAILS SHALL BE 34" TO 38" HIGH AND A MINIMUM OR 36" APART AND MUST EXTEND 12" BEYOND TOP AND BOTTOM OF THE RAMP SEGMENT. SEE HANDRAIL DETAILS.



VERTICAL CHANGES IN LEVEL



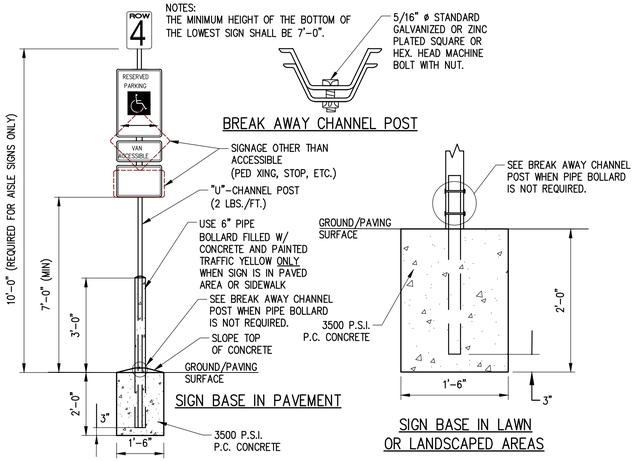
BEVELED LEVEL CHANGES



SIDEWALK RAMP

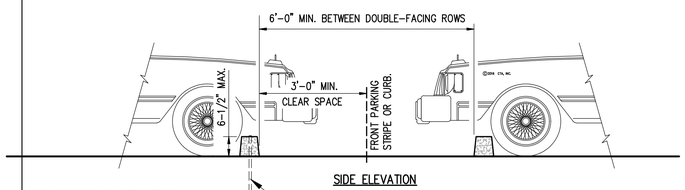
NTS

13 | IN-LINE ACCESSIBLE ROUTE/SIDEWALK RAMP- CHANGES IN LEVEL



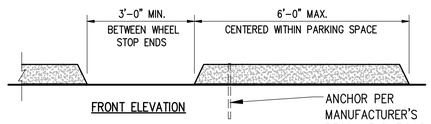
NTS

14 | SIGN POST INSTALLATION



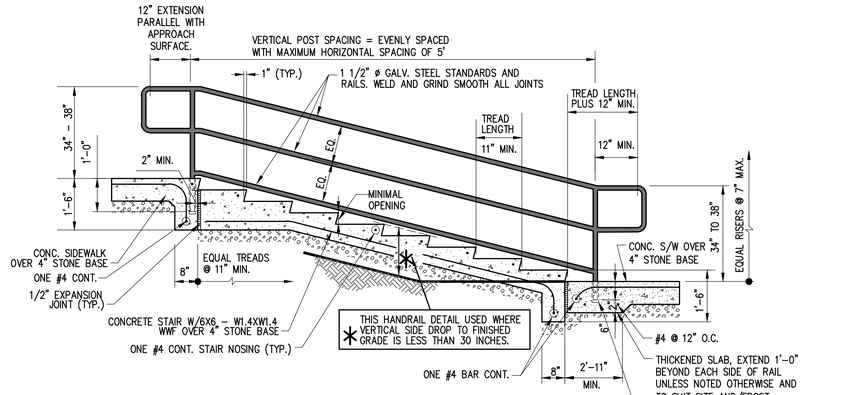
ASTM 1637-95 8. WHEEL STOPS

8.1 PARKING LOTS SHOULD BE DESIGNED TO AVOID THE USE OF WHEEL STOPS.
8.2 WHEEL STOPS SHALL NOT BE PLACED IN PEDESTRIAN WALKWAYS OR FORESEEABLE PEDESTRIAN PATHS.
8.3 WHEEL STOPS SHALL BE IN CONTRAST WITH THEIR SURROUNDINGS.
8.4 WHEEL STOPS SHALL BE NO LONGER THAN 6 FEET AND SHALL BE PLACED IN THE CENTER OF THE PARKING STALLS. THE MINIMUM WIDTH OF PEDESTRIAN PASSAGE BETWEEN WHEEL STOPS SHALL BE 3 FEET.
8.5 THE TOP OF WHEEL STOPS SHALL NOT EXCEED 6.5 INCHES IN HEIGHT ABOVE THE PARKING LOT SURFACE.
8.6 ADEQUATE ILLUMINATION SHALL BE MAINTAINED AT WHEEL STOPS AS GOVERNED BY THE REQUIREMENTS OF LOCAL CODES AND ORDINANCES OR, IN THEIR ABSENCE, BY THE RECOMMENDATIONS SET FORTH BY THE ILLUMINATING ENGINEER SOCIETY OF NORTH AMERICA (IES – APPLICATION AND REFERENCE VOLUMES).
8.7 BOLLARDS, NOT LESS THAN 3'-6" IN HEIGHT, MAY BE PLACED IN THE CENTER OF PARKING STALLS AS AN ALTERNATIVE TO WHEEL STOPS. BOLLARDS SHOULD BE APPROPRIATELY MARKED TO ENHANCE VISIBILITY IN ACCORDANCE WITH ANSI-Z535.1.



NTS

15 | WHEEL STOP DETAIL



NOTES:
1. RAILS AND EXTENSIONS TO BE PARALLEL TO RAMP AND APPROACH SURFACE. STANDARDS TO BE VERTICAL AND PLUMB.
2. IF APPLICABLE, RAILS TO PAINTED PER PROJECT ARCHITECT'S SPECIFICATIONS.
3. IF APPLICABLE, ALL ANCHOR BOLTS AND HARDWARE SHALL BE STAINLESS STEEL.

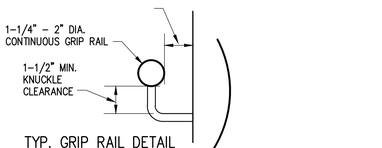
NOTE: REFER TO SITE AND GRADING PLANS FOR STAIR LENGTH, RISE AND LOCATION

NTS

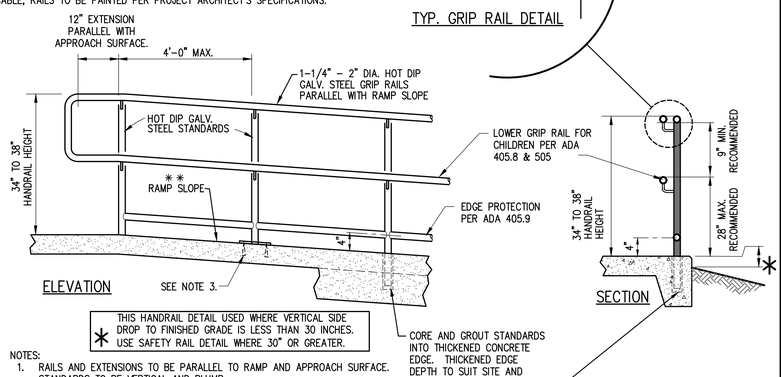
16 | CONCRETE STAIR AND RAIL WITH NO GRADE DROP AT EITHER SIDE OF STAIR *

** THIS HANDRAIL SHALL BE USED FOR CURB RAMPS WITH A RISE GREATER THAN SIX INCHES OR A HORIZONTAL ** PROJECTION GREATER THAN SIX FEET. HANDRAILS FOR RAMPS SHALL HAVE THE FOLLOWING FEATURES:

1. HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
2. WHERE HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12" BEYOND AT THE TOP AND BOTTOM OF THE RAMP SEGMENT AND SHALL BE PARALLEL WITH THE FLOOR OR GROUND SURFACE.
3. THE CLEAR SPACE BETWEEN THE HANDRAIL AND A WALL OR RAIL STANDARD SHALL BE 1-1/2".
4. GRIPPING SURFACES (HANDRAILS) SHALL BE CONTINUOUS.
5. TOP OF GRIPPING HANDRAIL SHALL BE MOUNTED 34" TO 38" ABOVE RAMP SURFACES.
6. TERMINAL ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.
7. HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS OR CONNECTIONS.
8. IF APPLICABLE, RAILS TO BE PAINTED PER PROJECT ARCHITECT'S SPECIFICATIONS.



TYP. GRIP RAIL DETAIL



NOTES:
1. RAILS AND EXTENSIONS TO BE PARALLEL TO RAMP AND APPROACH SURFACE. STANDARDS TO BE VERTICAL AND PLUMB.
2. IF APPLICABLE, RAILS TO PAINTED PER PROJECT ARCHITECT'S SPECIFICATIONS.
3. IF APPLICABLE, ALL ANCHOR BOLTS AND HARDWARE SHALL BE STAINLESS STEEL.

NTS

17 | RAMP HANDRAIL WITH NO GRADE DROP AT EITHER SIDE OF RAMP

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:

CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GREENBRIER BAND HALL
GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC By:
QC Date:

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 19931
TYLER D. FEEMSTER

ISSUED FOR BIDDING

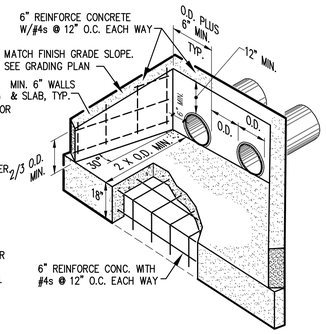
02/27/2026

© 2026 Crafton, Tull & Associates, Inc.

STANDARD DETAILS SHT.2

C-503

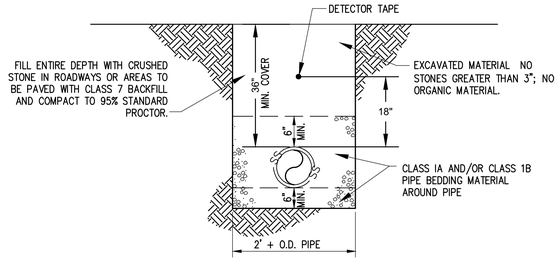
DRAWING: G:\25801201 GREENBRIER\CIVIL\PLOTS\PLOTTER_CTB\STANDARD DETAILS.DWG
LAST PLOTTED BY RACHEL COSBY - 2/27/2026 8:36:40 AM



1. PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES UNLESS ADJACENT TO SIDEWALKS OR OTHER CONCRETE SURFACES.
2. BASE AND INLET WALLS TO BE POURED MONOLITHICALLY.
3. PIPES MAY ENTER BOX FROM ANY ANGLE OR ELEVATION APPROVED BY THE ENGINEER.
4. ALL #4 & #5 REINFORCING BARS TO BE GRADE 60 AND HAVE 1-1/2" MINIMUM COVER. >#5, 2" COVER.
5. CONCRETE SHALL BE CLASS B, 3500#, 4%-7% A.E.
6. CONTRACTOR SHALL PROVIDE APPROVED PEDESTRIAN SAFETY RAILS AND VEHICULAR GUARD RAILS WHERE NECESSARY OR REQUIRED BY LOCAL, STATE AND FEDERAL CODES.

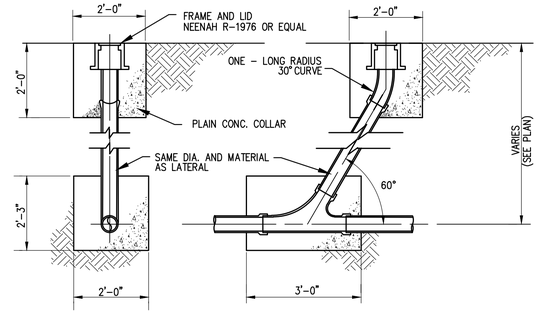
NTS

1	MULTI-PIPE HEADWALL/WINGWALL



NTS

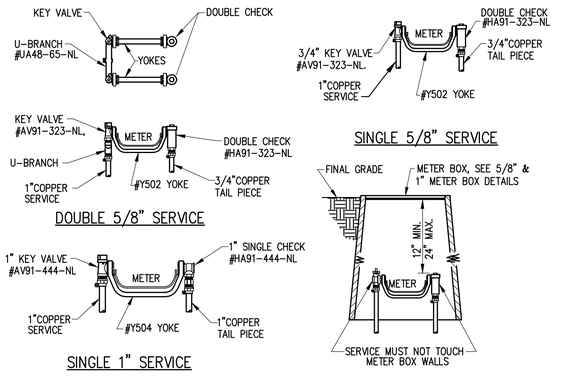
2	TRENCH/PIPE BEDDING FOR SEWER FORCE MAINS & SANITARY SEWER MAINS



NTS

3	TYPICAL CLEANOUT

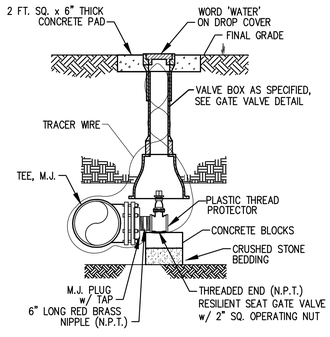
NOTES:
1. ALL SERVICES MUST TERMINATE WITH 3' COPPER TAIL PIECE.
2. ALL SERVICE COMPONENTS BY FORD METER BOX COMPANY.
3. ALL CORP. STOPS SHALL CONFORM TO ANSI/AWWA C800.
4. ALL MATERIALS INSTALLED IN POTABLE WATER SYSTEMS ARE REQUIRED TO COMPLY WITH THE FEDERAL DEFINITION OF "LEAD FREE" CONTAINED IN PUBLIC LAW 111-380.



NTS

4	STANDARD 5/8" & 1" WATER SERVICE

NOTES:
1. METER SERVICES, LARGER THAN 1", REQUIRE A SERVICE TAP/VALVE (CONTRACTOR'S RESPONSIBILITY). THE 1 9/16" METER SERVICE REQUIRES A 2" TAPPED PLUG, M.J., 6" LONG 2" DIA. BRASS NIPPLE AND A 2" GATE VALVE; THE 2" METER SERVICE REQUIRES A 2" TAPPED PLUG, M.J., 6" LONG 2" DIA. BRASS NIPPLE AND A 2" GATE VALVE; THE 3" METER SERVICE REQUIRES A 3" TAPPED PLUG, M.J., 6" LONG 3" DIA. BRASS NIPPLE AND A 3" GATE VALVE.
2. C.I. VALVE BOX TO BE ENTIRELY SUPPORTED BY CONCRETE BLOCKS/ BRICKS TO SUIT. VALVE BOX MUST NOT BEAR ON VALVE/ PIPE.



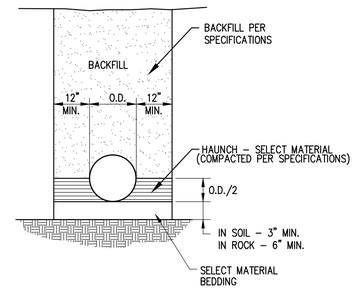
NTS

5	STANDARD 1"-3" WATER SERVICE TAP

NOTES:
1. UNDER PAVEMENT, BACKFILL ENTIRE EXCAVATION WITH "ENTER TYPE HERE" AGGREGATE BASE MATERIAL COMPACTED IN 8" LIFTS TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.

CONSTRUCTION SEQUENCE

1. PLACE SELECT BEDDING MATERIAL TO GRADE.
2. COMPACT SELECT BEDDING BELOW THE PIPE.
3. INSTALL PIPE TO GRADE.
4. PLACE AND COMPACT THE HAUNCH AREA UP TO THE MIDDLE OF THE PIPE.
5. COMPLETE BACKFILL ACCORDING TO SPECIFICATIONS.



NTS

6	CONCRETE PIPE INSTALLATION

10825 Financial Centre Parkway, Suite 300
Little Rock, Arkansas 72211
Crafton Tull
501.664.3245 t 501.664.6704 f
www.craftontull.com

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GREENBRIER BAND HALL

GREENBRIER HIGH SCHOOL,
GREENBRIER, AR

Key Plan

No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 25801201
ISSUE DATE: 02/27/2026
CONTACT: T.FEEMSTER
QC by:
QC Date:

ISSUED FOR BIDDING

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No.19931
TYLER D. FEEMSTER
02/27/2026

© 2026 Crafton, Tull & Associates, Inc.

UTILITY DETAILS

C-504

DRAWING: G:\25801201_GREENBRIAR\CPDWG\SHEETS\CIVIL\DWG\STANDARD DETAILS.DWG
LAST PLOTTED: 2/27/2026 9:54:42 AM
LAST PLOTTED BY: BONDA, LEROY

STRUCTURAL NOTES

GENERAL NOTES

1. THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL CONTRACT DOCUMENTS AND INFORM THE ARCHITECT OF CONFLICTS OR DISCREPANCIES PRIOR TO BIDDING, FABRICATION, AND CONSTRUCTION.
2. IN CASES OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
3. THE CONTRACTOR SHALL COORDINATE THE FIELD VERIFICATION OF ALL EXISTING SITE CONDITIONS AND SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS, DISCREPANCIES OR UNKNOWN CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION.
4. REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER-OF-RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL FOR REVIEW. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION.
5. CONTRACTOR SHALL PROVIDE TEMPORARY GUYS AND BRACING AS REQUIRED DURING CONSTRUCTION. STRUCTURE IS NOT STABLE UNTIL ALL STRUCTURAL MEMBERS, CONNECTIONS, AND DECKING IS IN PLACE.
6. ACI, AISC, AITC AND AWS SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.

SITE CONSTRUCTION NOTES

EXCAVATION & FILL

1. ALL UNDERCUTTING, SITE PREPARATION, FILL SELECTION, BACKFILLING AND COMPACTION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND SOILS ENGINEER'S RECOMMENDATIONS.
2. SELECT FILL BENEATH THE BUILDING SHALL BE PLACED IN LIFTS NOT EXCEEDING 8" LOOSE THICKNESS AND COMPACTED TO AT LEAST 95% OF MAXIMUM MODIFIED PROCTOR DRY DENSITY (ASTM D1557). THE IN-PLACE DENSITY AND MOISTURE CONTENT SHALL BE ESTABLISHED AND APPROVED FOR EACH LIFT PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS.

SPREAD FOOTINGS

1. BOTTOM OF FOOTING ELEVATIONS (BF) SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY AND ARE NOT NECESSARILY TO BE USED FOR CONSTRUCTION. THE SOILS ENGINEER OR HIS REPRESENTATIVE SHALL BE ENGAGED TO INSPECT ALL FOOTING EXCAVATIONS TO VERIFY THAT THE REQUIRED ALLOWABLE BEARING CAPACITY IS ATTAINABLE. BOTTOM OF FOOTING ELEVATIONS SHALL BE ADJUSTED PER THE ON-SITE RECOMMENDATIONS OF THE SOILS ENGINEER OR HIS REPRESENTATIVE.
2. ALL SPREAD FOOTING EXCAVATIONS SHALL BE FOUNDED IN PROPERLY COMPACTED SELECT FILL OR IN THE NATURAL SOILS (STRATUM II) WITH AN ALLOWABLE NET BEARING CAPACITY OF AT LEAST 2000 PSF.
3. CONTRACTOR SHALL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO PROVIDE GEOTECHNICAL ENGINEERING SERVICES AS REQUIRED.
4. MAINTAIN FINISHED GRADE (AND/OR BOTTOM OF FOOTING ELEVATIONS) TO PROVIDE AT LEAST 1'-6" COVER ABOVE THE BOTTOM OF ALL EXTERIOR FOOTINGS FOR FROST PROTECTION.

RETAINING WALLS

1. ALL RETAINING WALLS SHALL HAVE A PROPERLY INSTALLED DRAINAGE SYSTEM TO RELIEVE HYDROSTATIC PRESSURE.
2. BACKFILL BOTH SIDES OF WALLS EQUALLY UNTIL LOW SIDE IS UP TO GRADE.
3. PROVIDE ADDITIONAL SHORING FOR ALL FOUNDATION WALLS AS REQUIRED DURING CONSTRUCTION BACKFILLING AND COMPACTION OPERATIONS.
4. ALL FOUNDATION WALLS WITH AN ELEVATED CONCRETE SLAB FRAMING INTO THE TOP OF THEM MAY BE BACKFILLED ONLY AFTER THE ELEVATED SLAB IS IN PLACE AND CURED.

CONCRETE NOTES

CONCRETE REINFORCEMENT

1. CONCRETE REINFORCEMENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.
2. ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
3. PROVIDE THE FOLLOWING PROTECTIVE COVERING FOR ALL REINFORCING BARS UNLESS DETAILED OR NOTED OTHERWISE:

SLAB-ON-GRADE BARS (BOTTOM)	3" CLEAR
BELOW GRADE (CAST AGAINST EARTH)	3" CLEAR
BELOW GRADE (FORMED EDGE)	2" CLEAR
WALLS	2" CLEAR

4. DO NOT CUT TIES OR CONTINUOUS BARS TO PROVIDE CLEARANCE FOR EMBEDDED ITEMS OR OTHER OBSTRUCTIONS. INDIVIDUAL BARS AND TIES MAY BE MOVED VERTICALLY UP TO 1.5" AS REQUIRED TO PROVIDE CLEARANCE FOR EMBEDS, HOOKS, ETC. DO NOT HEAT REINFORCING TO BEND IT.
5. IF DOWELS OR VERTICAL REINFORCING ARE CUT OR SEVERELY BENT, CONTRACTOR MAY BE REQUIRED TO REMOVE THE CONCRETE BACK TO THE PREVIOUS POUR JOINT AND REPLACE THE DAMAGED BARS AND CONCRETE AT THE CONTRACTOR'S EXPENSE.
6. REINFORCEMENT SHALL BE SPLICED ONLY AS SHOWN OR NOTED IN THE STRUCTURAL CONTRACT DOCUMENTS. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER-OF-RECORD PRIOR TO FABRICATION.
7. REINFORCING BARS MARKED AS CONTINUOUS SHALL BE SPLICED WITH CLASS "B" TENSION LAP SPLICES ONLY.
8. ALL TENSION LAP SPLICES SHALL BE CLASS "B" UNLESS NOTED OTHERWISE.
9. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A1064. LAP REINFORCEMENT 8 INCHES ON SIDES AND ENDS. MAINTAIN WIRE 1 TO 2 INCHES BELOW TOP SURFACE OF SLAB-ON-GRADE, UNLESS NOTED OTHERWISE. WELDED WIRE REINFORCEMENT MUST BE PLACED ON CHAIRS OR BOLSTERS AS REQUIRED TO MAINTAIN POSITION IN THE SLAB.

CAST-IN-PLACE CONCRETE

1. CONCRETE SUPPLIER SHALL SUBMIT CONCRETE MIX DESIGN DATA TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.
2. USE THE FOLLOWING TABLE FOR GUIDANCE IN PREPARING MIX DESIGNS FOR THE GIVEN TYPE OF POUR.

CONCRETE MIX DESIGN TABLE

TYPE OF POUR	28 DAY COMPRESSIVE STRENGTH	MAX WCR	MIN CEMENT CONTENT (LBS/YD³)	TARGET SLUMP (INCHES)	MAX AIR CONTENT	MAX AGGREGATE SIZE (INCHES)	FIBERMESH REINFORCEMENT (LBS/YD³)
FOOTINGS	3000 PSI	.53	470	6	3%	1-1/2	NONE
INTERIOR SLABS, RETAINING WALLS	4000 PSI	.44	564	6	3%	1	NONE
EXTERIOR CONCRETE	4000 PSI	.40	564	6	7 %	1	NONE
GROUT FOR BOND BEAMS AND CONC BLOCK CELLS	3000 PSI	.66	564	8 TO 10	3%	3/8	NONE

3. PROPORTIONS OF CONCRETE MIX DESIGNS SHALL BE DETERMINED BY THE PROCEDURES ESTABLISHED IN SECTION 5.3 OF ACI 318-11.
4. MIX DESIGN MAY INCLUDE (TYPE C) FLYASH AS A REPLACEMENT FOR PORTLAND CEMENT UP TO A MAXIMUM OF 20% OF THE TOTAL CEMENTIOUS MATERIAL. DO NOT USE A FLYASH CONTAINING CONCRETE MIX WHEN THE TEMPERATURE DURING PLACEMENT OR CURING IS PROJECTED TO FALL BELOW 60 DEGREES FAHRENHEIT.
5. MIX DESIGN MAY INCLUDE WATER REDUCING ADMIXTURES CONFORMING TO ASTM C494, TYPE A, TO PROVIDE WORKABILITY AND SPECIFIED SLUMP WITHOUT EXCEEDING SPECIFIED WATER/CEMENT RATIOS. WATER SHALL NOT BE ADDED ON SITE WITHOUT APPROVAL. ANY APPROVED WATER AMOUNTS ADDED ON SITE MUST BE RECORDED & REPORTED BY THE TESTING AGENCY.
6. ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 5.5% AIR ENTRAINMENT (±1.5%). DO NOT EXCEED 3% AIR CONTENT IN CONCRETE RECEIVING A STEEL TROWEL FINISH.
7. ALL CONCRETE SHALL BE VIBRATED TO INSURE UNIFORM PLACEMENT IS OBTAINED AROUND FORMS AND AROUND REBAR. ANY DAMAGED AREA SUCH AS HONEYCOMBED CONCRETE, CRACKING OVER REBAR, ETC WILL BE AT THE CONTRACTOR EXPENSE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE DAMAGED CONCRETE POURS WITH PROPERLY CAST AND VIBRATED CONCRETE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION ON VIBRATED CONCRETE.

MASONRY NOTES

1. ALL CONCRETE MASONRY UNITS (CMU) SHALL COMPLY WITH ASTM C90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 3050 PSI AND A MINIMUM PRISM STRENGTH OF 2000 PSI. STANDARD WEIGHT UNITS SHALL BE USED BELOW FINISHED FLOOR OR BELOW FINISHED GRADE (OR BELOW FINISHED FLOOR FOR STEM WALLS WITH SLAB ABOVE) AND LIGHTWEIGHT UNITS SHALL BE USED ABOVE GRADE. SIZES SHALL BE AS INDICATED ON THE CONTRACT DRAWINGS.
2. TYPE S MORTAR SHALL BE USED BELOW AND ABOVE GRADE WITH AN ALLOWABLE COMPRESSIVE STRENGTH OF AT LEAST 1800 PSI FOR TYPE S. MIX MORTAR IN ACCORDANCE WITH ASTM C270. USE TYPE I PORTLAND CEMENT (TYPE III MAY BE USED FOR COLD WEATHER CONSTRUCTION) MEETING ASTM C1329, HYDRATED LIME MEETING ASTM C207 AND AGGREGATE MEETING ASTM C144.
3. FILL ALL BOND BEAMS, ALL CMU CELLS WITH VERTICAL REINFORCING OR EXPANSION BOLTS, AND ALL CELLS BELOW GRADE WITH 3000 PSI GROUT OR CONCRETE MEETING THE REQUIREMENTS SHOWN IN THE CONCRETE MIX DESIGN TABLE.
4. MAXIMUM HEIGHT OF ALL GROUT FILL SHALL NOT EXCEED 4'-0" UNLESS CLEANOUT AND INSPECTION HOLE IS PROVIDED AT THE BOTTOM OF THE POUR.

MASONRY NOTES CONTINUED

5. ALL CMU SHALL BE REINFORCED WITH AS SHOWN ON THE PLAN. WHERE SPLICES ARE REQUIRED, USE A LAP LENGTH OF AT LEAST 28 INCHES FOR A #4 BAR, 32 INCHES FOR A #5 BAR AND 40 INCHES FOR A #6 BAR.
6. ALL VERTICAL CORNERS, VERTICAL END CELLS AND ONE CELL EACH SIDE OF ALL OPENINGS SHALL BE GROUTED AND REINFORCED WITH 1- #5 UNLESS NOTED OTHERWISE.
7. HORIZONTAL BOND BEAMS WITH 2- #5 CONTINUOUS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF ALL OPENINGS, AT STRUCTURALLY CONNECTED ROOF AND FLOOR LEVELS, AT THE TOP OF ALL PARAPETS OR WALLS AND AS SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS. BOND BEAMS ABOVE AND BELOW OPENINGS SHALL EXTEND AT LEAST 2'-0" BEYOND THE OPENING UNLESS NOTED OTHERWISE.
8. WHERE VERTICAL REINFORCING AND HORIZONTAL REINFORCING INTERSECT, ALL REINFORCING SHALL RUN CONTINUOUS.
9. HORIZONTAL REINFORCING SHALL BE CONTINUOUS AT CORNERS WITH 90-DEGREE BENDS OR CORNER BARS WITH EACH LEG EQUAL TO THE REQUIRED LAP LENGTH. (SEE TYPICAL CORNER BAR DETAIL)
10. ALL CMU SHALL HAVE 9 GAUGE TRUSS TYPE JOINT REINFORCEMENT AT 16" ON CENTER VERTICALLY ABOVE GRADE AND 8" ON CENTER VERTICALLY BELOW GRADE UNLESS NOTED OTHERWISE.

METALS NOTES

STRUCTURAL STEEL FRAMING

1. STRUCTURAL STEEL SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
2. ALL STRUCTURAL STEEL SHAPES SHALL BE AS FOLLOWS:
   A. ALL WIDE FLANGE STRUCTURAL STEEL SHAPES SHALL BE ASTM A992.
   B. SQUARE OR RECTANGULAR HOLLOW STRUCTURAL SECTIONS SHALL BE ASTM A500, GRADE C, Fy = 50 KSI
   C. ROUND HOLLOW STRUCTURAL SECTIONS SHALL BE ASTM A500, GRADE B, Fy = 42 KSI
   D. ROUND STEEL PIPES SHALL BE ASTM A53, GRADE B, FY = 35 KSI.
   E. ALL PLATES SHALL BE ASTM A572 GRADE 50.
   F. ALL OTHER STRUCTURAL STEEL (CHANNELS, ANGLES, ETC.) SHALL BE ASTM A36.
3. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE 55 (SUPPLEMENT S1) UNLESS NOTED OTHERWISE.
4. STRUCTURAL BOLTS SHALL BE ASTM F3125 GRADE A325 OR GRADE F1852, UNLESS OTHERWISE NOTED.
5. NUTS ON STRUCTURAL BOLTS SHALL BE ASTM A563 AND WASHERS USED WITH BOLTS SHALL BE A436 OR ASTM A959 DTI.
6. BOLTS THRU WOOD BLOCKING SHALL BE ASTM A307. ALL BOLTS IN CONTACT WITH TREATED WOOD SHALL BE STAINLESS STEEL (TYPE 316), OR HOT DIPPED GALVANIZED WITH A MINIMUM COATING THICKNESS OF 0.2 OUNCES PER SQUARE FOOT (ASTM A153). USE STAINLESS BOLTS WITH STAINLESS STEEL CONNECTORS AND GALVANIZED BOLTS WITH GALVANIZED CONNECTORS IF ONLY ONE IS SPECIFIED.
7. POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE OR CONCRETE FILLED CMU CELLS SHALL BE STANDARD ASTM A36 THREADED RODS (OR APPROVED EQUAL) WITH A MINIMUM STEEL YIELD STRENGTH OF fy=36 ksi OR ASTM F593 STAINLESS STEEL ANCHORS WITH A MINIMUM STEEL YIELD STRENGTH OF fy=45ksi, UNLESS NOTED OTHERWISE. ADHESIVE SHALL BE HILTI "HIT HY200" EPOXY SYSTEM, SIMPSON STRONG-TIE "SET-XP", OR APPROVED EQUAL.
8. POST-INSTALLED EXPANSION ANCHORS SHALL BE HILTI KWIK BOLT TZ, SIMPSON STRONG-TIE "STRONG BOLT", OR APPROVED EQUAL, CARBON STEEL ANCHORS WITH A MINIMUM STEEL YIELD STRENGTH OF fy=41 ksi, OR ASTM A276 (OR ASTM A493) STAINLESS STEEL ANCHORS WITH A MINIMUM YIELD STRENGTH fy=64 ksi. UNLESS NOTED OTHERWISE.
9. CONNECTIONS WITH HIGH STRENGTH BOLTS SHALL BE DESIGNED CONSIDERING BOLT THREADS INCLUDED IN THE SHEAR PLANE (A325-N). ALL BOLTING SHALL BE INSTALLED BY THE TURN-OF-THE-NUT METHOD, REMOVABLE LOAD INDICATOR BOLTS, OR CALIBRATED WRENCH. SNUG TIGHT BOLTING WILL NOT BE PERMITTED UNLESS SPECIFICALLY DETAILED ON CONTRACT DRAWINGS.
10. ALL HIGH STRENGTH BOLTED CONNECTIONS NOT DETAILED SHALL BE BEARING TYPE SELECTED TO SUPPORT ONE-HALF (1/2) OF THE TOTAL UNIFORM LOAD CAPACITY OF THE BEAMS AS SHOWN IN THE TABLES OF UNIFORM LOAD CONSTANTS, TABLE 3-6 AISC MANUAL, 14TH EDITION, FOR THE GIVEN BEAM SIZE, SPAN AND GRADE OF STEEL SPECIFIED. THE EFFECTS OF ANY CONCENTRATED LOADS MUST BE TAKEN INTO ACCOUNT. CONNECTIONS SHALL BE DESIGNED CONSIDERING THREADS INCLUDED IN THE SHEAR PLANE (A325-N).
11. ALL WELDS SHALL BE E70XX, MINIMUM AND SHALL BE PERFORMED BY AWS CERTIFIED WELDERS, CERTIFIED WITHIN THE PREVIOUS TWELVE (12) MONTHS. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDING AND COMPONENTS DUE TO FIRE HAZARDS FROM WELDING.
12. DO NOT PRIME PAINT STEEL THAT RECEIVES SPRAYED FIREPROOFING.
13. ALL STEEL LINTELS AND SHELF ANGLES SHALL BE COATED WITH A ZINC RICH PRIMER.
14. ALL STRUCTURAL STEEL EXPOSED TO WEATHER (SUCH AS SCREEN WALLS) SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.

METAL DECKING

1. METAL DECKING SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
2. TYPICAL ROOF DECKING SHALL BE 1.5B22 PAINTED ROOF DECK ATTACHED TO THE STRUCTURE WITH 5/8" DIAMETER PUDDLE WELDS IN A 36/4 PATTERN AND (3) #10 TEK SCREW SIDELAP FASTENERS BETWEEN SUPPORTS. ATTACH PERIMETER OF DECK IN 36/4 PATTERN WITH 5/8" PUDDLE WELDS. RUN DECK THREE SPANS MINIMUM.

COLD-FORMED METAL FRAMING

1. COLD-FORMED METAL FRAMING SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
2. COLD-FORMED METAL FRAMING SUPPLIER SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
3. SHOP DRAWINGS SHALL DETAIL A COMPLETE SYSTEM SHOWING MEMBER SIZES, SPACING AND CONNECTIONS TO THE STRUCTURE.
4. ALL STRUCTURAL STUDS, TRACK, BRIDGING, END CLOSURES AND ACCESSORIES SHALL BE FORMED FROM STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A653/A653M.
5. ALL COLD-FORMED STEEL STUD SECTIONS ARE IDENTIFIED ACCORDING TO THE DESIGNATIONS GIVEN IN THE "STEEL STUD MANUFACTURERS ASSOCIATION" (S5MA) PRODUCT TECHNICAL INFORMATION MANUAL. SEE S5MA FOR MINIMUM SECTION PROPERTIES.

   EXAMPLE: 600S162-43

   600 = MEMBER DEPTH (600 x 1/100 INCHES = 6")

   S = STYLE (S = STUD, T = TRACK, U = CHANNEL)

   162 = FLANGE WIDTH (162 x 1/100 INCHES = 1.625" = 1-5/8")

   43 = MATERIAL THICKNESS (43 = 43 MILS x1/1000 INCHES = 0.043")

   YIELD STRENGTH SHALL BE 33 KSI UNLESS NOTED ON PLANS AS FOLLOWS:

   600S162-43 (50 KSI) - FOR 50 KSI YIELD STRENGTH
6. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. PROVIDE COLUMNS BUILT-UP OF MULTIPLE STUDS (2 STUDS MIN.) FOR HEADER AND BEAM BEARING.
8. ALL STUDS AT LOADBEARING WALLS SHALL BE CUT FULL LENGTH WITH TRACKS (TOP & BOTTOM) INSTALLED TIGHT AGAINST ENDS OF STUD. NO GAPS BETWEEN END OF STUDS AND TRACK WILL BE ALLOWED IN LOAD BEARING STUDS.
9. ALL COLD-FORMED STEEL FRAMING SHAPES (SUCH AS Z-PURLINS, C-PURLINS, HAT CHANNELS AND EAVE STRUTS) ARE IDENTIFIED ACCORDING TO THE DESIGNATIONS GIVEN IN THE LIGHT GAGE STEEL INSTITUTE (LGSI) "LIGHT GAGE STRUCTURAL STEEL FRAMING SYSTEM DESIGN HANDBOOK". SEE LGSI FOR MINIMUM SECTION PROPERTIES.

WOOD NOTES

LUMBER

1. ALL WOOD MEMBERS THAT ARE IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WITH WATER BORNE TREATMENT TO A NET RETENTION OF 0.3 POUNDS PER CUBIC FOOT. (SEE STRUCTURAL STEEL FRAMING NOTE #6 FOR BOLTS IN CONTACT WITH PRESERVATIVE TREATED WOOD).
2. ALL STRUCTURAL LUMBER SHALL BE #2 KD SOUTHERN PINE.
3. PROVIDE 2x4 OR 2x6 SOLID WOOD BLOCKING AT ALL RIDGES, VALLEYS & HIPS. PROVIDE 2x6 RAFTERS AT 24" ON CENTER AT ALL ROOF OVERBUILDS. PROVIDE 2x4 OR 2x6 OUTRIGGERS AT ALL OVERHANGS AND PROVIDE SOLID BLOCKING BETWEEN OUTRIGGERS AT SUPPORT.

STRUCTURAL PANELS

1. ROOF SHEATHING SHALL BE 5/8", 5-PLY, C-D INT-APA RATED PLYWOOD WITH EXTERIOR GLUE (SPAN INDEX 40/20). ATTACHMENT SHALL BE WITH 8d COMMON NAILS AT 6" ON CENTER AT SUPPORTED EDGES AND AT 12" ON CENTER ALONG ALL INTERMEDIATE SUPPORTS. PLYCLIPS SHALL BE USED AT ALL FREE EDGES, ONE AT MID-POINT BETWEEN ALL SUPPORTS.
2. WALL SHEATHING AT LOAD BEARING STUDS SUPPORTING 2X FRAMING SHALL BE ½" APA RATED PLYWOOD, 5-PLY (SPAN RATING 24/16) . ATTACHMENT SHALL BE WITH #8X2" SELF-DRILLING SELF TAPPING BUGLE HEAD SCREW AT 6" ON CENTER AT SUPPORTED EDGES AND AT 12" ON CENTER ALONG ALL INTERMEDIATE STUDS.
3. PNEUMATIC NAILING MAY BE SUBSTITUTED FOR COMMON NAILS UNDER THE FOLLOWING CONDITIONS:
   A. PNEUMATIC NAIL SUBSTITUTE FOR 8d COMMON NAILS SHALL HAVE A MINIMUM DIAMETER OF 0.131 INCHES AND LENGTH OF 2 ½ INCHES.
   B. PNEUMATIC NAIL SUBSTITUTE FOR 10d COMMON NAILS SHALL HAVE A MINIMUM DIAMETER OF 0.148 INCHES AND LENGTH OF 3 INCHES.

   T-HEAD NAILS OR STAPLES ARE NOT ACCEPTABLE.

PRE-FABRICATED STRUCTURAL WOOD

1. LVL BEAMS SHALL BE 1.9E MICROLLAM LVL OR AN APPROVED EQUAL WITH THE FOLLOWING MINIMUM PROPERTIES:

MODULUS OF ELASTICITY	(E)	= 1,900,000 PSI
ALLOWABLE BENDING STRESS	(Fb)	= 2600 PSI
ALLOWABLE COMPRESSION PERPINDICULAR TO GRAIN	(Fc⊥)	= 750 PSI
ALLOWABLE COMPRESSION PARALLEL TO GRAIN	(Fc II)	= 2510 PSI
ALLOWABLE HORIZONTAL SHEAR	(Fv)	= 285 PSI

PRE-ENGINEERED METAL BUILDING

1. METAL BUILDING MANUFACTURER SHALL PROVIDE CALCULATIONS AND SHOP DRAWINGS SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
2. METAL BUILDING SHOP DRAWINGS WILL NOT BE REVIEWED IF THE LAYOUT DOES NOT FOLLOW THE LAYOUT PROPOSED IN THE CONTRACT DRAWINGS AND IF ANY DEVIATIONS FROM THE PROPOSED LAYOUT ARE NOT CLEARLY MARKED ON THE SHOP DRAWINGS OR APPROVED IN WRITING PRIOR TO SUBMITTAL.
3. METAL BUILDING FRAMING LAYOUT AND MEMBERS SHOWN ARE SUGGESTED ONLY. MANUFACTURER IS RESPONSIBLE FOR COORDINATING REQUIREMENTS WITH OWNER AND PROVIDING A COMPLETE STRUCTURAL FRAMING SYSTEM DESIGNED BY THE MANUFACTURER. METAL BUILDING MANUFACTURER SHALL COORDINATE ALL DIMENSIONS, ELEVATIONS, BRACING, AND SIZES AND SHAPES OF MEMBERS WITH OWNER PRIOR TO FABRICATION AND CONSTRUCTION. ALL MEMBERS, CONNECTIONS AND DECKING NOT SPECIFICALLY SIZED ON DRAWINGS SHALL BE DESIGNED AND SUPPLIED BY THE METAL BUILDING MANUFACTURER.
4. METAL BUILDING VERTICAL BRACING SHALL CONSIST OF PORTAL FRAMES AT THE LOCATIONS SHOWN ON THE PLANS. THE METAL BUILDING MANUFACTURER SHALL COORDINATE THE LOCATION OF ALL BRACES TO MINIMIZE INTERFERENCE WITH ARCHITECTURAL FEATURES. ROD OR CABLE BRACES MAY NOT BE SUBSTITUTED WHERE PORTAL FRAMES ARE SHOWN. WHERE X-BRACES ARE USED, THE METAL BUILDING MANUFACTURER SHALL CLEARLY IDENTIFY TO THE ARCHITECT ALL INTERFERENCES WITH ARCHITECTURAL FEATURES. WHERE ARCHITECTURAL FEATURES (COLUMN SURROUNDS, CEILINGS, FURR DOWNS, ETC) ARE PROVIDED TO COVER OR SURROUND THE METAL BUILDING COMPONENTS (COLUMNS, FRAMES, ETC.), THE METAL BUILDING COMPONENTS SHALL BE SIZED TO STAY WITHIN THE LIMITS OF THE ARCHITECTURAL FEATURES UNLESS THE ARCHITECT IS NOTIFIED IN WRITING PRIOR TO SUBMISSION OF THE APPROVAL DRAWINGS AND APPROVAL IS GIVEN FOR AN EXCEPTION.
5. MAXIMUM PURLIN LIVE LOAD DEFLECTION FOR PURLINS SUPPORTING CEILINGS SHALL NOT EXCEED SPAN/360 OR 1" WHICHEVER IS LESS. MAXIMUM PURLIN LIVE LOAD DEFLECTION FOR PURLINS NOT SUPPORTING CEILINGS SHALL NOT EXCEED SPAN/150.
6. FRAME LIVE LOAD DEFLECTION SHALL NOT EXCEED SPAN/360 OR 1-1/2" FOR FRAMES SUPPORTING CEILINGS.
7. MAXIMUM GIRT LATERAL DEFLECTION FROM WIND OR SEISMIC LOADS SHALL NOT EXCEED SPAN/240 FOR GIRTS PROVIDING LATERAL SUPPORT FOR METAL SIDING ONLY. MAXIMUM GIRT LATERAL DEFLECTION FROM WIND OR SEISMIC LOADS SHALL NOT EXCEED SPAN/360 FOR GIRTS PROVIDING LATERAL SUPPORT FOR BRICK.
8. MAXIMUM BUILDING SIDESWAY (DRIFT) FROM WIND OR GRAVITY LOADS SHALL NOT EXCEED WALL HEIGHT/240. SEISMIC DRIFT SHALL BE WITHIN THE LIMITS PRESCRIBED IN ASCE 7, TABLE 12.12-1 WITH ACTUAL DRIFT DETERMINED PER SECTION 12.8.6.
9. THE GENERAL CONTRACTOR AND METAL BUILDING MANUFACTURER SHALL BE RESPONSIBLE FOR OVERALL BUILDING COORDINATION. ALL COORDINATION OF THE INTERFACE AND COMPATIBILITY BETWEEN THE METAL BUILDING AND THE ARCHITECTURAL FEATURES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE METAL BUILDING MANUFACTURER.
10. DESIGN OF THE METAL BUILDING USING DEAD, LIVE, SEISMIC, WIND AND SNOW LOADS IN THE CODE REQUIRED COMBINATIONS SHALL BE PERFORMED BY THE METAL BUILDING MANUFACTURER.

DESIGN LOADS:

DEAD LOADS:		WEIGHT OF THE STRUCTURE
ROOF LIVE LOAD:		20 PSF
GROUND SNOW LOAD	P_g:	10 PSF
ULTIMATE DESIGN WIND SPEED	V_{ULT}:	115 MPH (3 SECOND GUST)
NOMINAL DESIGN WIND SPEED	V_{ASD}:	90 MPH
WIND EXPOSURE CATEGORY		B
INTERNAL PRESSURE COEFFICIENT	GC_{pi}:	0.18
COMP. & CLADDING WIND PRESSURE	P_i:	SEE PART 2 & PART 6 CHAPTER 30 ASCE-7 (2016)
RISK CATEGORY	I_E:	II
SEISMIC IMPORTANCE FACTOR	I_E:	1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	S_S:	0.520
	S_1:	0.166
SPECTRAL RESPONSE COEFFICIENTS	S_{MS}:	0.448
	S_{M1}:	0.166
SITE CLASS		C
SEISMIC DESIGN CATEGORY		C
BASIC SEISMIC-FORCE-RESISTING SYSTEM (PER ASCE 7-10, TABLE 12.2-1)		SEE MTL BLDG MFR SEE MTL BLDG MFR
DESIGN BASE SHEAR	V_S:	SEE MTL BLDG MFR
SEISMIC RESPONSE COEFFICIENT	C_S:	SEE MTL BLDG MFR
RESPONSE MODIFICATION FACTOR	R_I:	SEE MTL BLDG MFR
ANALYSIS PROCEDURE		EQUIVALENT LATERAL FORCE METHOD (PER ASCE 7-10, TABLE 12.6-1 & SECT. 12.8)

SEISMIC ZONE PER A.C.A. 12-80-101 ET. SEQ. ZONE: 1

CODES: 2021 ARKANSAS FIRE PREVENTION CODE
A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)

THE FOUNDATIONS HAVE BEEN DESIGNED TO RESIST THE LOADS AND FORCES STATED ABOVE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2021 ARKANSAS FIRE PREVENTION CODE AND A.C.A. 12-80-101 ET. SEQ.

PRE-ENGINEERED METAL BUILDING DESIGN LOADS:

ROOF DEAD LOAD: ACTUAL WEIGHT OF THE STRUCTURE

COLLATERAL LOAD:	HANGING EQUIPMENT, LIGHTS, CEILINGS, ETC. (7 PSF MINIMUM COLLATERAL DEAD LOAD. INCLUDE ACTUAL WEIGHT OF SUSPENDED EQUIPMENT.)
ROOF LIVE LOAD:	20 PSF (PURLINS & FRAMES). LIVE LOAD REDUCTIONS WILL NOT BE ALLOWED.
SNOW LOAD:	(SEE DESIGN LOADS ABOVE)
WIND LOAD:	(SEE DESIGN LOADS ABOVE)
SEISMIC LOAD:	(SEE DESIGN LOADS ABOVE)
CODES:	2021 ARKANSAS FIRE PREVENTION CODE MBMA METAL BUILDING SYSTEMS MANUAL (LATEST EDITION) A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)

SPECIAL INSPECTION NOTES

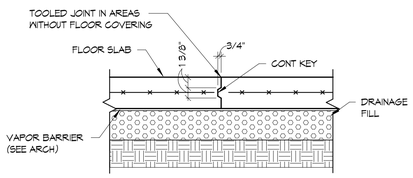
1. SPECIAL INSPECTIONS SHALL BE REQUIRED IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING CODE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS WITH THE INSPECTION AGENCY.
2. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO PERFORM THE REQUIRED INSPECTION TO THE SATISFACTION OF THE BUILDING OFFICIAL.
3. THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF INSPECTIONS. INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.
4. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK.
5. A FINAL REPORT OF INSPECTIONS DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES SHALL BE SUBMITTED TO THE OWN

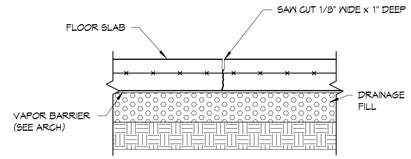
SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT	Greenbrier Band Building				
		APPLICABLE TO THIS PROJECT			
MATERIAL / ACTIVITY	SERVICE		EXTENT	AGENT*	DATE COMPLETED
1704.2.5 Inspection of Fabricators					
Verify fabrication/quality control procedures.	In-plant review (3)		Periodic	5	
1705.2 Structural Steel Construction					
1. Review the material test reports and certificates as listed in AISC 360-10, Section N3.2 for compliance with the construction documents	Submittal review		Each submittal	4	
2. Material verification of structural steel	Shop (3) and field inspection		Periodic	2.5	
3. Anchor Rods and other Embedment(s) (Verify diameter, grade, type, length, embedment. See 1105.3 for anchors.)	Field inspection		Continuous	2	
4. Verify member locations, braces, stiffeners, and application of joint details at each connection comply with construction documents	Field inspection		Periodic	2	
5. Structural steel welding:					
a. Inspection tasks Prior to Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-1)	Shop (3) and field inspection		Observe or Perform as noted (4)	2.5	
b. Inspection tasks During Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-2)	Shop (3) and field inspection		Observe (4)	2.5	
c. Inspection tasks After Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-3)	Shop (3) and field inspection		Observe or Perform as noted (4)	2.5	
d. Nondestructive testing (NDT) of welded joints: see Commentary					
1) Complete penetration groove welds at joints in materials 5/16" thick or greater in Risk Category II or IV	Shop (3) or field ultrasonic testing - 100%		Periodic	2.5	
2) Complete penetration groove welds at joints in materials 5/16" or greater in Risk Category II	Shop (3) or field ultrasonic testing - 10% of welds minimum		Periodic	2.5	
3) Fabricator's NDT reports when fabricator performs NDT	Verify reports		Each submittal (5)	5	
6. Structural steel bolting:	Shop (3) and field inspection				
a. Inspection tasks Prior to Bolting (Observe, or perform tasks for each bolted connection, in accordance with QA tasks listed in AISC 360-10, Table N5.6-1)			Observe or Perform as noted (4)	2	
b.Inspection tasks During Bolting (Observe the QA tasks listed in AISC 360-10, Table N5.6-2)			Observe (4)	2	
1) Pre-tensioned and slip-critical joints					
a) Turn-of-nut with matching markings			Periodic	2	
b) Direct tension indicator			Periodic	2	
c) Twist-off type tension control bolt			Periodic	2	
d) Turn-of-nut without matching markings			Continuous	2	
e) Calibrated wrench			Continuous	2	
2) Snug-tight joints			Periodic	2	
c. Inspection tasks After Bolting (Perform tasks for each bolted connection in accordance with QA tasks listed in AISC 360, Table N5.6-3)			Perform (4)	2	
1705.2.2 Steel Construction Other Than Structural Steel					
1. Material verification of cold-formed steel deck:					
a. Identification markings	Field inspection		Periodic	2	
b. Manufacturer's certified test reports	Submittal Review		Each submittal	2,4	
2. Connection of cold-formed steel deck to supporting structure:	Shop (3) and field inspection				
a. welding			Periodic	2	
b. Other fasteners (in accordance with AISC 360,Section N6)					
1) Verify fasteners are in conformance with approved submittal			Periodic	2	
1705.3 Concrete Construction					
1. Inspection of reinforcing steel placement	Field inspection		Periodic	2	
2. Inspection of anchors and reinforcing steel post-installed in hardened concrete: Per research reports requirements	Field inspection		Periodic or as required by the research report issued by an approved source	2	
3. Verify use of approved design mix	Shop (3) and field inspection		Periodic	2,4	
4. Fresh concrete sampling, perform slump and air content tests and determine temperature of concrete	Shop (3) and field inspection		Continuous	2	
5. Inspection of concrete and for proper application techniques	Shop (3) and field inspection		Continuous	2	
6. Inspection for maintenance of specified curing temperature and techniques	Shop (3) and field inspection		Periodic	2	
7. Inspection of formwork for shape, lines, location and dimensions	Field inspection		Periodic	2	
8. Concrete strength testing and verification of compliance with construction documents	Field testing and review of laboratory reports		Periodic	2	
1705.6 Soils					
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	Field inspection		Periodic	1	
2. Verify excavations are extended to proper depth and have reached proper material.	Field inspection		Periodic	1	
3. Perform classification and testing of controlled fill materials.	Field inspection		Periodic	1	
4. Verify use of proper materials, densities, and lift thicknesses during placement and compaction of compacted fill	Field inspection		Continuous	1	
5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly	Field inspection		Periodic	1	
1705.10.3 Wind-resisting Components					
1. Roof cladding	Shop (3) and field inspection		Periodic	2,3	
2. Wall cladding	Shop (3) and field inspection		Periodic	2,3	

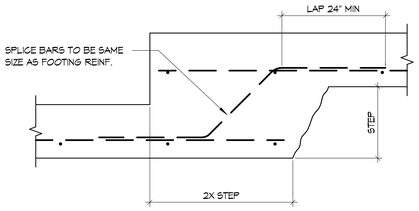
* INSPECTION AGENTS	FIRM
1. TESTING AGENCY	GEOTECHNICAL ENGINEER
2. TESTING AGENCY	TO BE SELECTED
3. ARCHITECT	JACKSON BROWN PALCULICT
4. STRUCTURAL ENGINEER	ENGINEERING CONSULTANTS
5. METAL BLDG MFR.	TO BE SELECTED

Notes:
1. The inspection and testing agent(s) shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official prior to commencing work. The qualifications of the Special Inspector(s) and/or testing agencies are subject to the approval of the Building Official and/or the Design Professional.
2. The list of Special Inspectors may be submitted as a separate document, if noted so above.
3. Special Inspections as required by Section 1704.2.5 are not required where the fabricator is approved in accordance with IBC Section 1704.2.5.2
4. Observe on a random basis, operations need not be delayed pending these inspections. Perform these tasks for each welded joint, bolted connection, or steel element.
5. NDT of welds completed in an approved fabricator's shop may be performed by that fabricator when approved by the AHJ. Refer to AISC 360, N7.

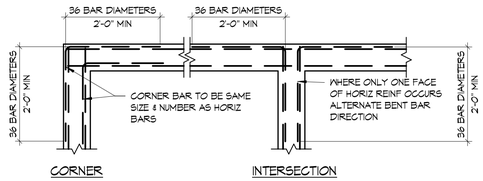




CONTR:
IF SAW JOINTS ARE USED, CONTRACTOR IS RESPONSIBLE FOR JOINTS CRACKING AS SHOWN ON PLAN AND DETAIL. SAWING JOINTS SHALL BEGIN AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE TORN OR DAMAGED BY THE BLADE. SLABS MUST BE SAWN ON SAME DAY SLAB IS POURED. DO NOT ALLOW SLAB TO CURE OVERNIGHT BEFORE SAWING.

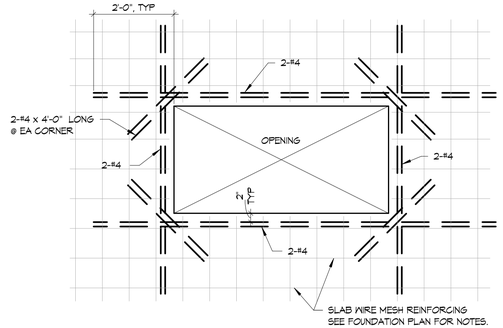


1 COLD JOINT DETAIL
NTS



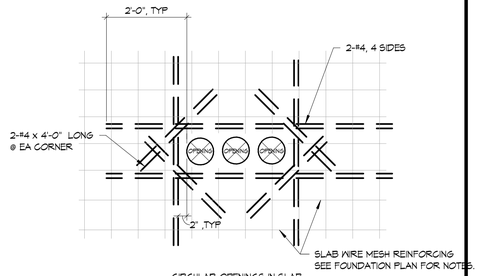
TYPICAL FOR: CONC WALLS
CONC FOOTINGS
THICKENED SLABS
BOND BEAMS
CONC TURNDOWNS

2 SAW JOINT DETAIL
NTS



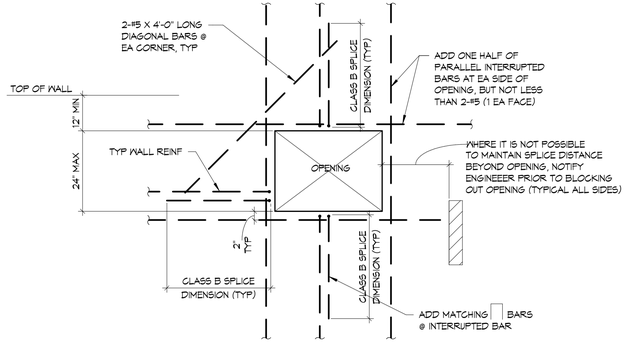
SQUARE OR RECTANGULAR OPENINGS IN SLAB

3 CONT FOOTING STEP DETAIL
NTS



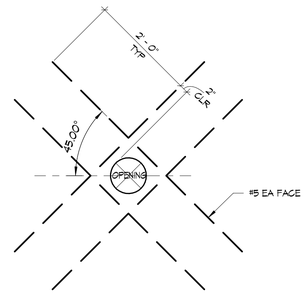
CIRCULAR OPENINGS IN SLAB

4 TYPICAL CORNER BAR DETAIL
NTS



SQUARE / RECTANGULAR OPENINGS

NOTES:
1. FOR OPENING THAT FITS BETWEEN HORIZONTAL & VERTICAL REINFORING NO ADDITIONAL REINFORCING REQUIRED.

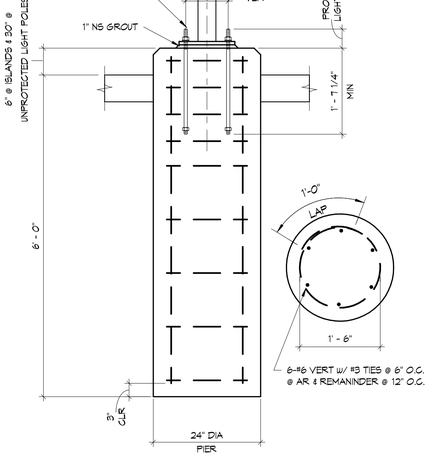


CIRCULAR OPENINGS

NOTES:
1. FOR DIAMETERS ≤ 6" THIS DETAIL IS NOT REQUIRED.
2. USE AS SHOWN FOR OPENING SIZE LESS THAN WALL REINFORING CLEAR BAR SPACING, ELSE APPLY SQUARE OPENING DETAIL AT LEFT.
3. AT MULTIPLE OPENINGS MAINTAIN 3" PLUS OPENING DIA CLEAR SPACING.

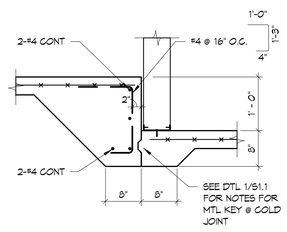
5 TYP REINF AT WALL OPENINGS IN REINF CONCR WALLS
NTS

6 TYP REINF AROUND SLAB OPENINGS
NTS

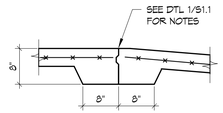


COORDINATE QUANTITY & LOCATION W/ ELECTRICAL CONTR

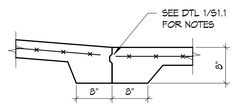
7 EXTERIOR 20/30 FOOT LIGHT POLE PIER
3/4" = 1'-0"



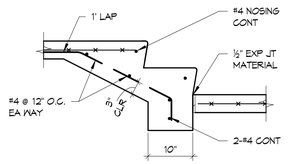
8 SECTION
3/4" = 1'-0"



9 SECTION
3/4" = 1'-0"



10 SECTION
3/4" = 1'-0"



11 SECTION
3/4" = 1'-0"

General Notes

STATE OF ARKANSAS
CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS-ENGINEER
REGISTERED PROFESSIONAL ENGINEER
No. 9682
STEPHEN HARRISON
2/27/26

GREENBRIER HS BAND BLDG

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

Date
2/27/26
Revisions

JOB NUMBER 2502

Sheet Title
SPECIAL INSPECTION TABLE & DETAILS

Sheet Number
S1.1

Copyright 2025 JBP

FOUNDATION PLAN

1/8" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION NO. ENGINEERING CONSULTANTS, INC. No. 26 ARKANSAS-ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 9682 STEPHEN HARRISON

2/27/26

GREENBRIER HS BAND BLDG

Jackson Brown Palculict
architects

Date
2/27/26
Revisions

JOB NUMBER 2502

Sheet Title
FOUNDATION PLAN

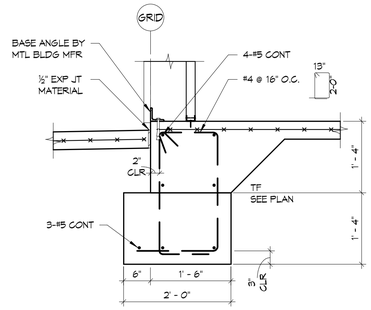
Sheet Number
S1.2

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

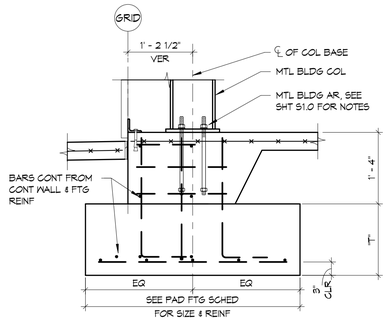
501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

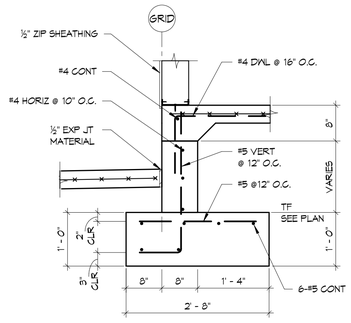
Copyright 2025 JBP



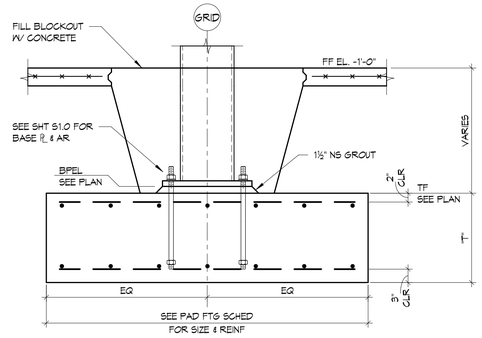
1 SECTION
3/4" = 1'-0"



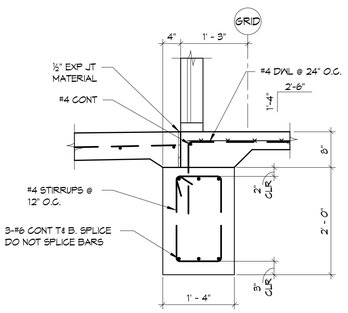
2 SECTION
3/4" = 1'-0"



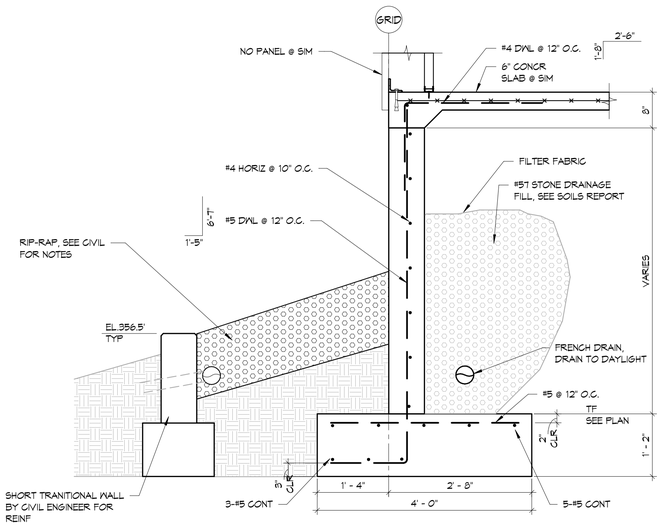
3 SECTION
3/4" = 1'-0"



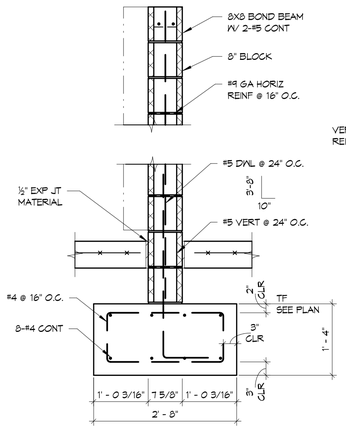
4 SECTION
3/4" = 1'-0"



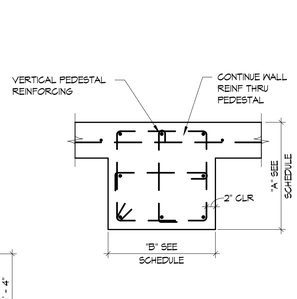
5 SECTION
3/4" = 1'-0"



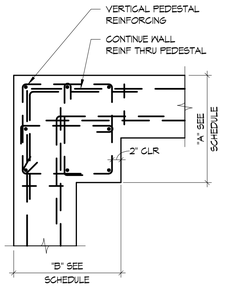
6 SECTION
3/4" = 1'-0"



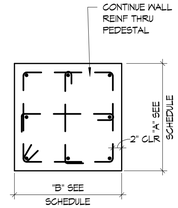
7 SECTION
3/4" = 1'-0"



T1 - PEDESTAL @ WALL OR TURNDOWN



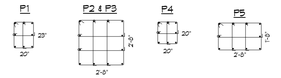
T2 - PEDESTAL @ WALL CORNER



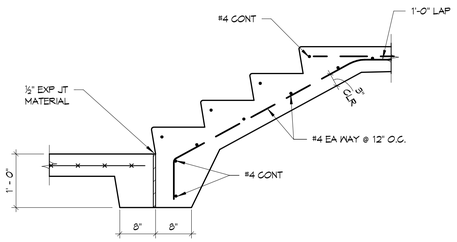
T3 - PEDESTAL STANDALONE

PEDESTAL SCHEDULE

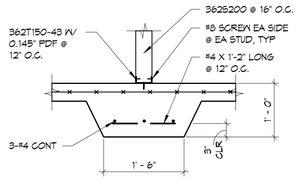
MARK	TYPE	"A"	"B"	VERT PED REINF	PED TIE REINF
P1	T1	2'-3"	2'-0"	8-#6	#4 @ 6" O.C.
P2	T1	3'-0"	3'-0"	14-#7	#4 @ 6" O.C.
P3	T2	3'-0"	3'-0"	14-#7	#4 @ 6" O.C.
P4	T1 & T3	2'-0"	2'-0"	8-#6	#4 @ 6" O.C.
P5	T2	3'-0"	2'-0"	10-#6	#4 @ 6" O.C.



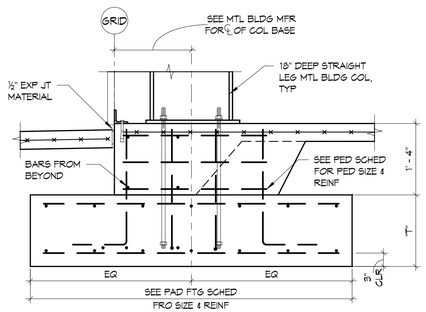
8 TYP PEDESTAL DETAIL & SCHEDULE
3/4" = 1'-0"



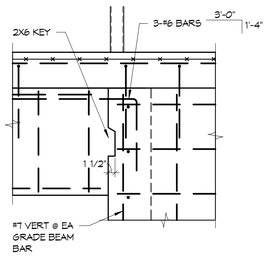
9 TYP STAIR DETAIL
3/4" = 1'-0"



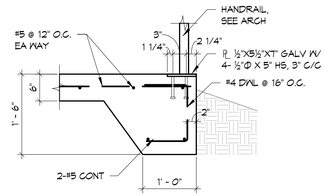
10 SECTION
3/4" = 1'-0"



11 SECTION
3/4" = 1'-0"



12 SECTION
3/4" = 1'-0"



13 SECTION
3/4" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION NO ENGINEERING CONSULTANTS, INC. No. 26 ARKANSAS-ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER STEPHEN HARRISON No. 9682

2/27/26

GREENBRIER HS BAND BLDG

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

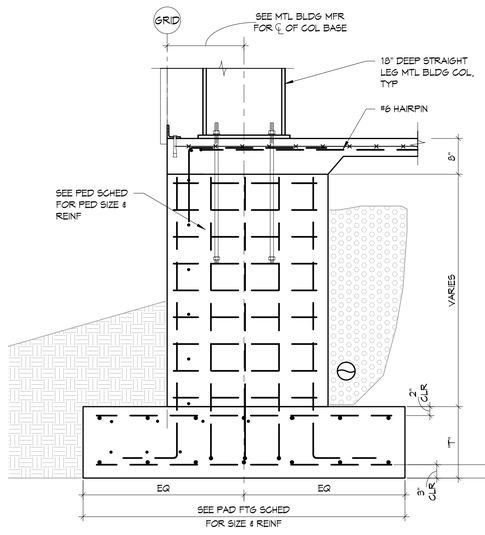
Date
2/27/26
Revisions

JOB NUMBER 2502

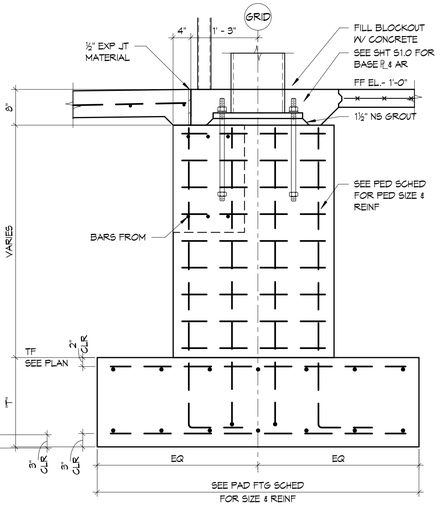
Sheet Title
FOUNDATION DETAILS

Sheet Number
S2.1

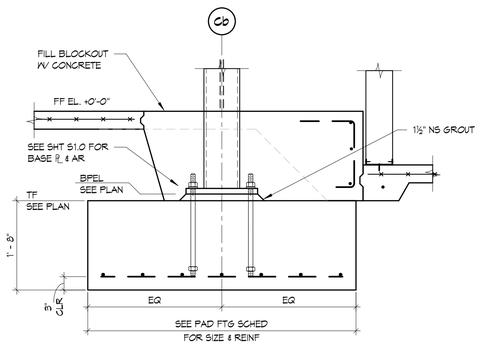
Copyright 2025 JBP



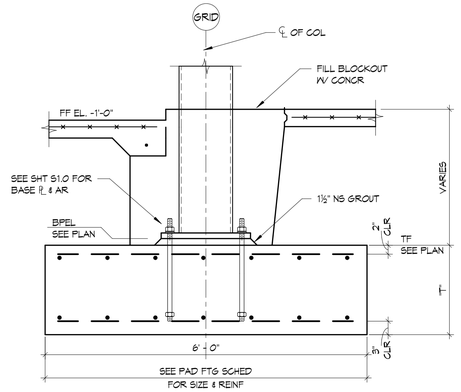
1 SECTION
3/4" = 1'-0"



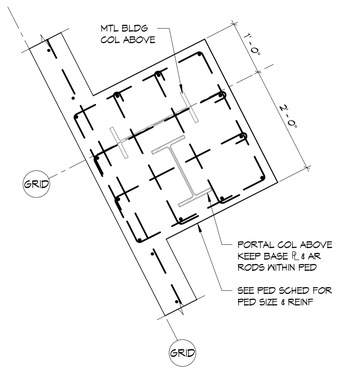
2 SECTION
3/4" = 1'-0"



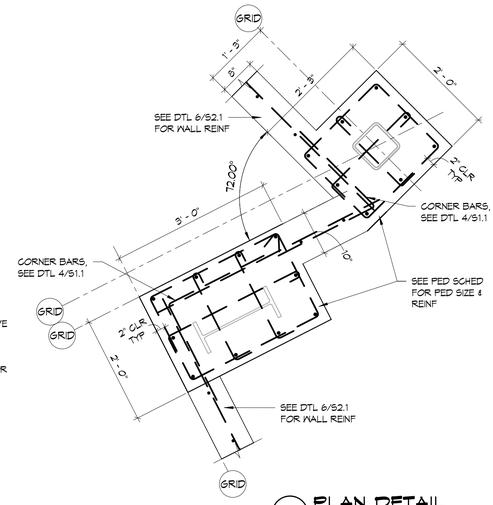
3 SECTION
3/4" = 1'-0"



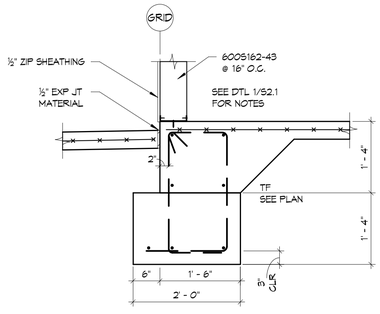
4 SECTION
3/4" = 1'-0"



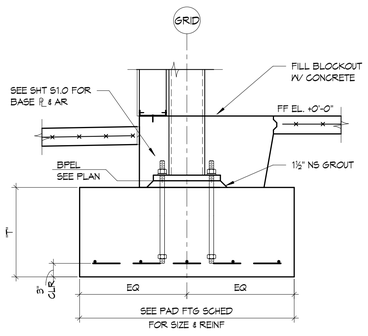
5 PLAN DETAIL
3/4" = 1'-0"



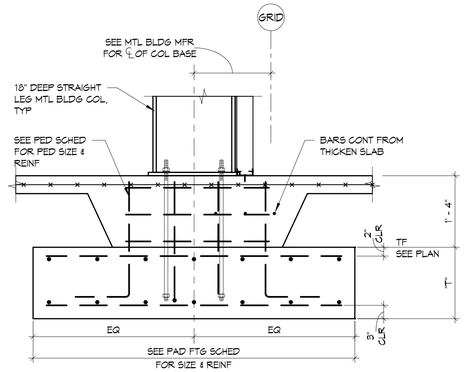
6 PLAN DETAIL
3/4" = 1'-0"



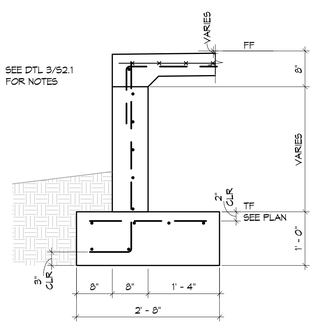
7 SECTION
3/4" = 1'-0"



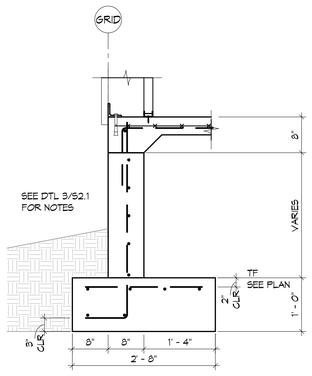
8 SECTION
3/4" = 1'-0"



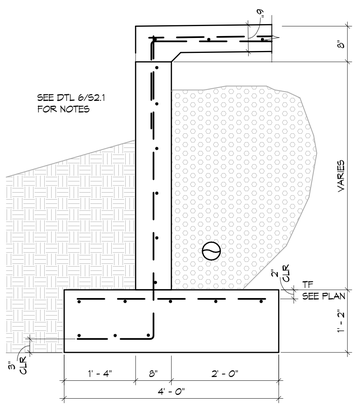
9 SECTION
3/4" = 1'-0"



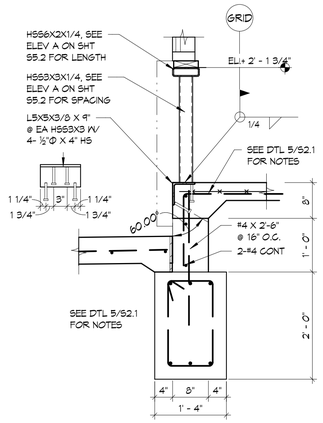
10 SECTION
3/4" = 1'-0"



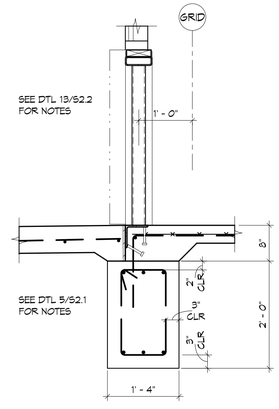
11 SECTION
3/4" = 1'-0"



12 SECTION
3/4" = 1'-0"



13 SECTION
3/4" = 1'-0"



14 SECTION
3/4" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION NO. ENGINEERING CONSULTANTS, INC. No. 26 ARKANSAS-ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 9682 STEPHEN HARRISON

2/27/26

GREENBRIER HS BAND BLDG

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

Date
2/27/26
Revisions

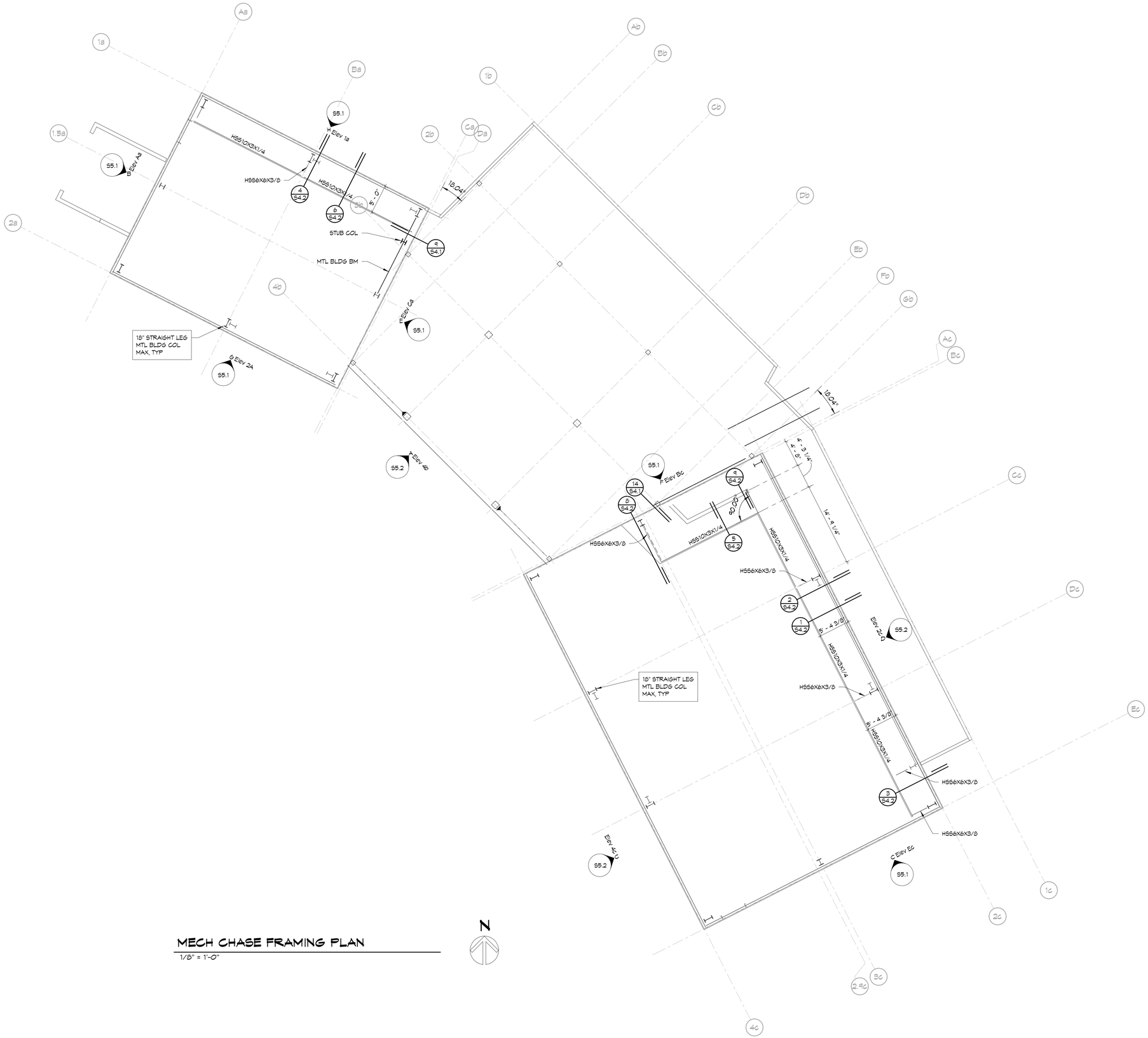
JOB NUMBER 2502

Sheet Title
FOUNDATION DETAILS

Sheet Number
S2.2

Copyright 2025 JBP

TYP ROOF CONSTR @ 2x FRAMING
5/8" APA RATED, 5-PLY, PLYWOOD ROOF SHEATHING OVER 2X FRAMING. SEE SHT S1.0 FOR ATTACHMENT INFO & MORE NOTES.
TYP ROOF CONSTR @ 2x FRAMING
5/8" APA RATED, 5-PLY, PLYWOOD ROOF SHEATHING OVER 2X FRAMING. SEE SHT S1.0 FOR ATTACHMENT INFO & MORE NOTES.
TYP ROOF DECK
1.5B X 22 GA PAINTED STL DECKING VULCRAFT OR EQ OVER PURLINS. RUN DECK 3-SPANS MIN. SEE SHT S1.0 FOR DECK ATTACHMENT & ZEE PURLIN LAYOUT WILL BE BY MTL BLDG MFR & NOT STRUCTURAL EOR.
DECK EL VARIES
22' - 4 1/2"
22' - 4 1/2"
6' - 7 1/16"
13' - 4 13/16"
22' - 0"
13' - 4 13/16"
6' - 7 1/16"
5' - 9 1/16"
17' - 5 1/2"
17' - 5 1/2"
14' - 8 3/8"
18.03°/12
20' - 4"
23' - 5 1/2"
22' - 6"
10' - 11 1/2"
1' - 0"
23' - 6"
22' - 6"
8" EAVE STRUT
PORTAL FRAME
RIGID FRAME
8" PURLINS @ 5'-0" O.C. MAX ALONG SLOPE
8" ZEE PURLIN @ 5'-0" O.C. MAX ALONG SLOPE
0.25:12
LO
HI
AHU-1 2485#
AHU-2 2485#
5.25x18 PEL BM
2x12 @ 24" OC
1 1/2 X 1 1/4 L4 @ 24" OC
2.5x11 1/4 L4 L4
HSS 2.5x4x1/4 LLD
W12x26
W16x26
W16x36
W16x40
W16x45
W16x50
W16x57
W16x67
W16x89
W18x35
W18x40
W18x50
W18x55
W18x60
W18x65
W18x71
W18x76
W18x86
W18x97
W18x106
W18x119
W21x44
W21x48
W21x50
W21x55
W21x57
W21x62
W21x68
W21x73
W21x83
W21x93
W21x101
W21x111
W24x55
W24x62
W24x68
W24x76
W24x84
W24x94
W24x103
W24x104
W24x117
W24x131
W24x146
W24x162
W24x176
W24x192
W24x207
W24x229
W24x250
W24x279
W24x306
W24x335
W24x370
W24x408
W24x450
W24x492
W24x535
W24x583
W24x629
W24x679
W24x720
W24x762
W24x807
W24x848
W24x897
W24x945
W24x992
W24x1041
W24x1088
W24x1137
W24x1184
W24x1233
W24x1280
W24x1329
W24x1376
W24x1425
W24x1472
W24x1521
W24x1568
W24x1617
W24x1664
W24x1713
W24x1760
W24x1809
W24x1856
W24x1905
W24x1952
W24x2001
W24x2048
W24x2097
W24x2144
W24x2193
W24x2240
W24x2289
W24x2336
W24x2385
W24x2432
W24x2481
W24x2528
W24x2577
W24x2624
W24x2673
W24x2720
W24x2769
W24x2816



MECH CHASE FRAMING PLAN

1/8" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9682
STEPHEN HARRISON

2/27/26

GREENBRIER HS BAND BLDG

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

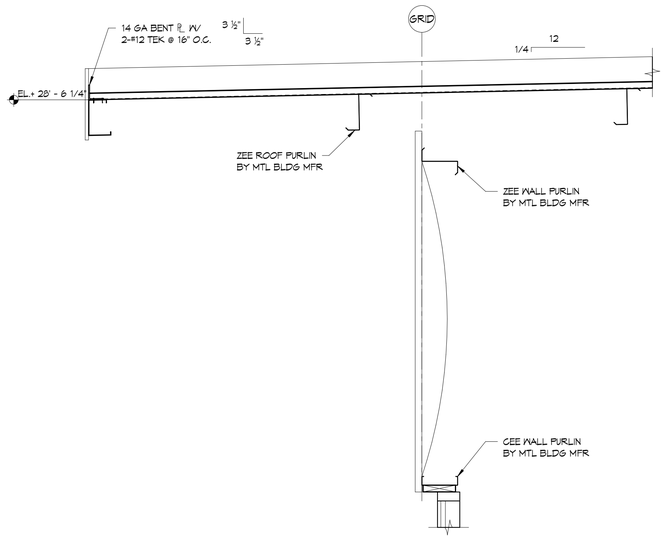
Date
2/27/26
Revisions

JOB NUMBER 2502

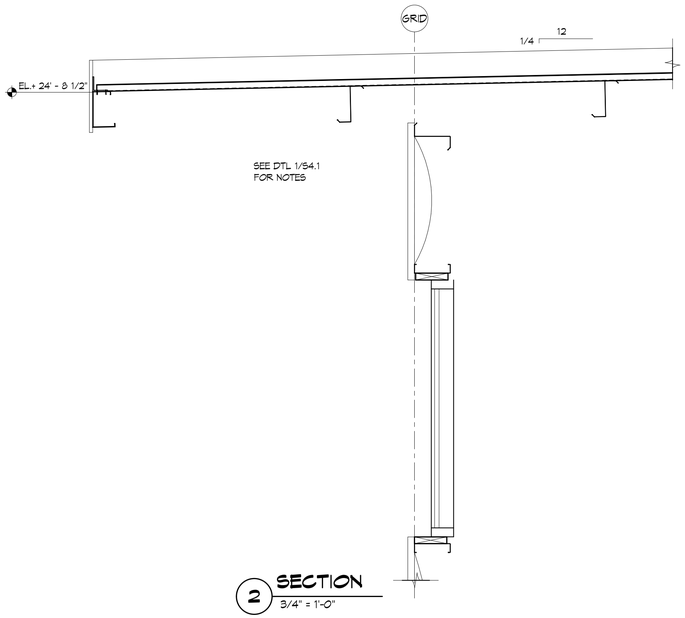
Sheet Title
CHASE FRAMING PLAN

Sheet Number
S3.2

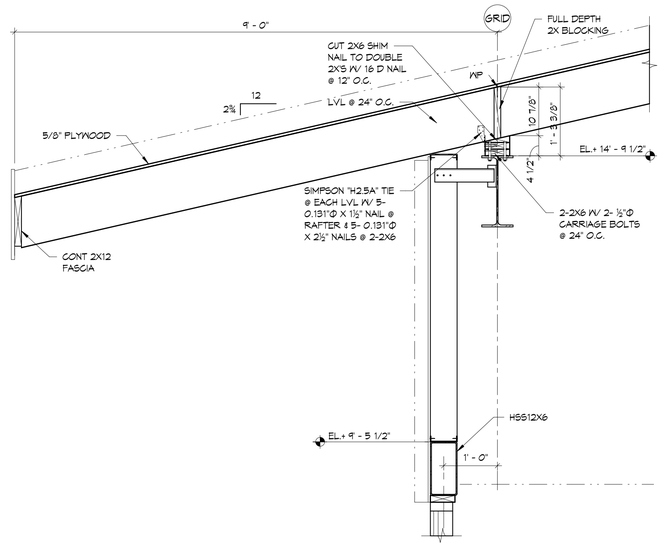
Copyright 2025 JBP



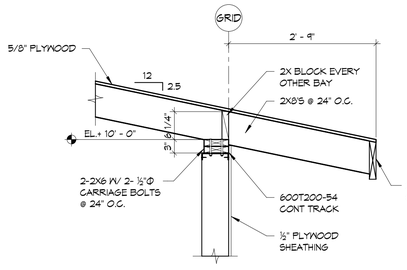
1 SECTION
3/4" = 1'-0"



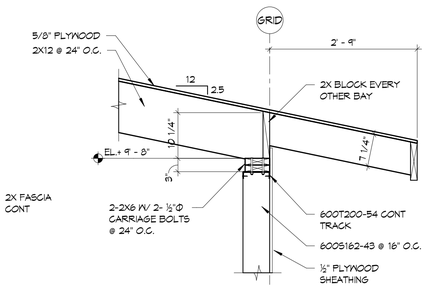
2 SECTION
3/4" = 1'-0"



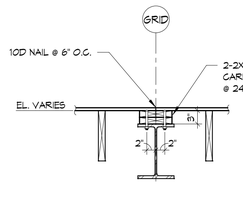
3 SECTION
3/4" = 1'-0"



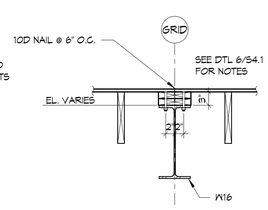
4 SECTION
3/4" = 1'-0"



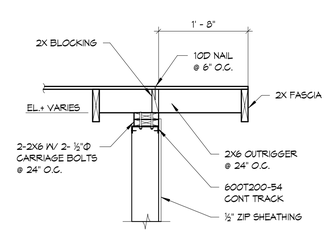
5 SECTION
3/4" = 1'-0"



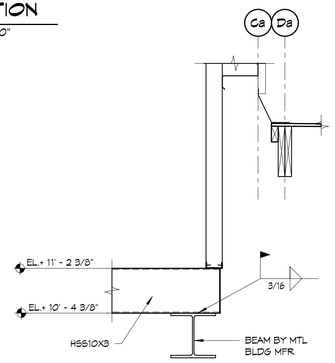
6 SECTION
3/4" = 1'-0"



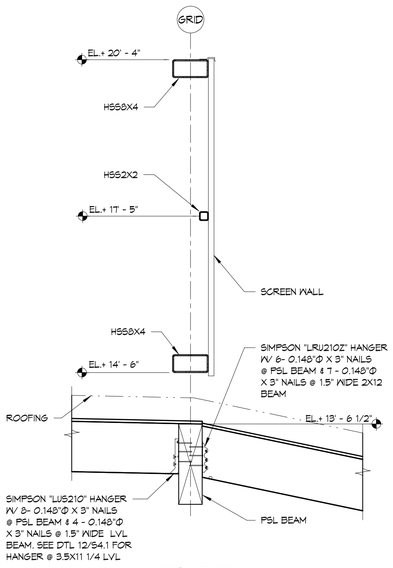
7 SECTION
3/4" = 1'-0"



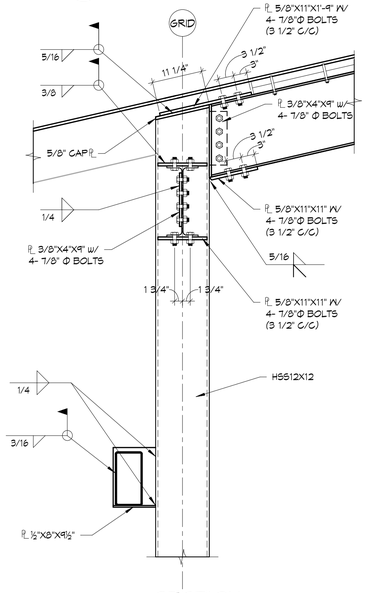
8 SECTION
3/4" = 1'-0"



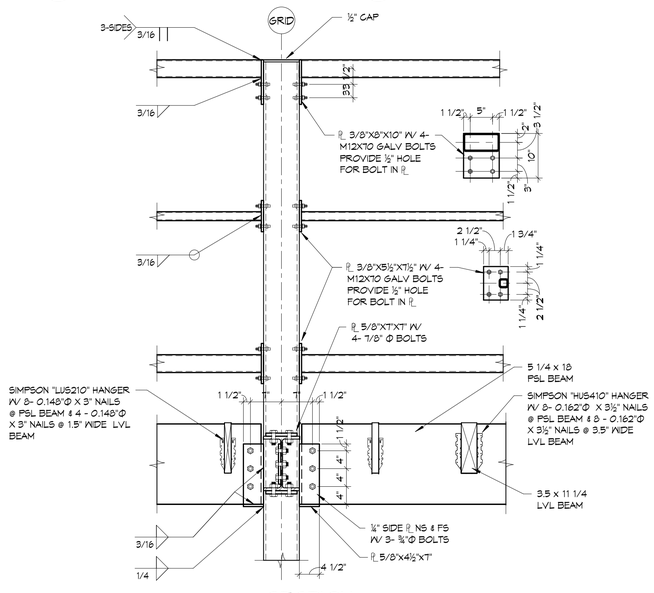
9 SECTION
3/4" = 1'-0"



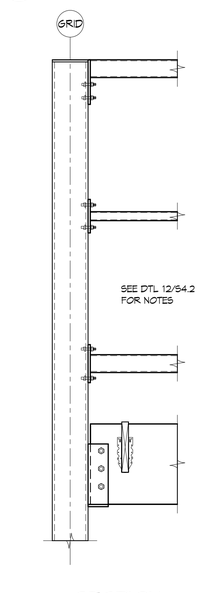
10 SECTION
3/4" = 1'-0"



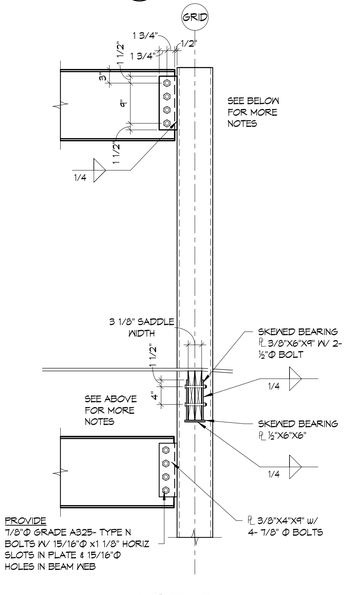
11 SECTION
3/4" = 1'-0"



12 SECTION
3/4" = 1'-0"



13 SECTION
3/4" = 1'-0"



14 SECTION
3/4" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9682
STEPHEN HARRISON

2/27/26

GREENBRIER HS BAND BLDG

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

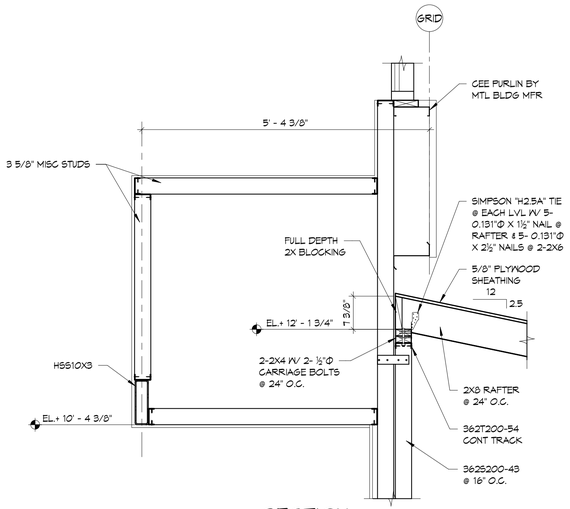
Date
2/27/26
Revisions

JOB NUMBER 2502

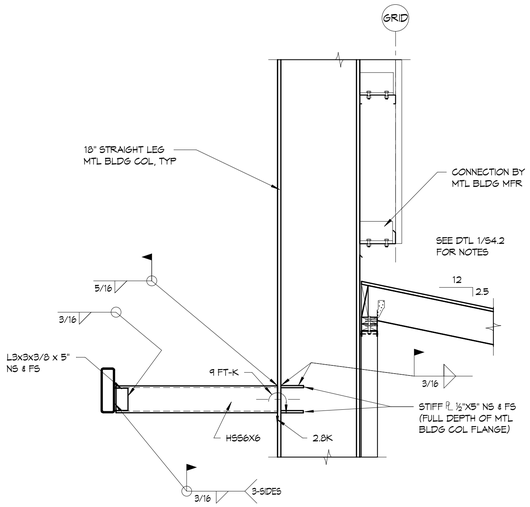
Sheet Title
FRAMING DETAILS

Sheet Number
S4.1

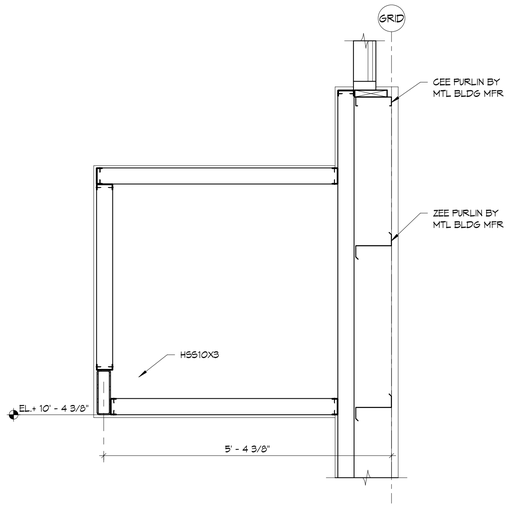
Copyright 2025 JBP



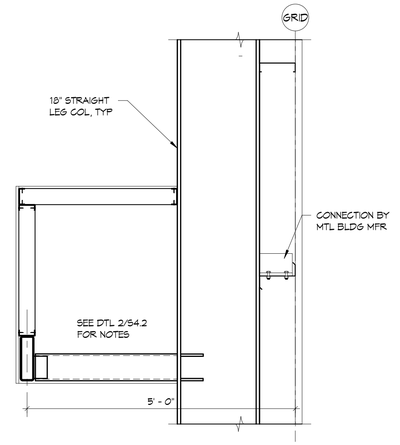
1 SECTION
3/4" = 1'-0"



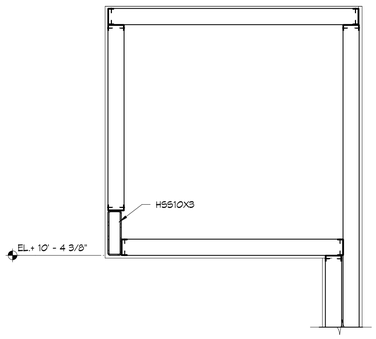
2 SECTION
3/4" = 1'-0"



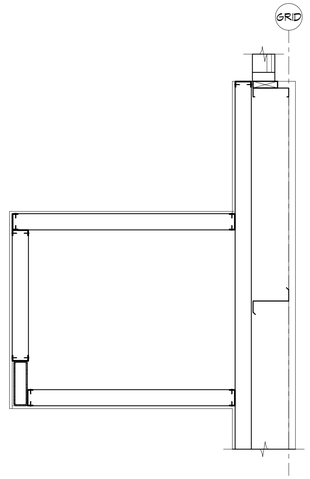
3 SECTION
3/4" = 1'-0"



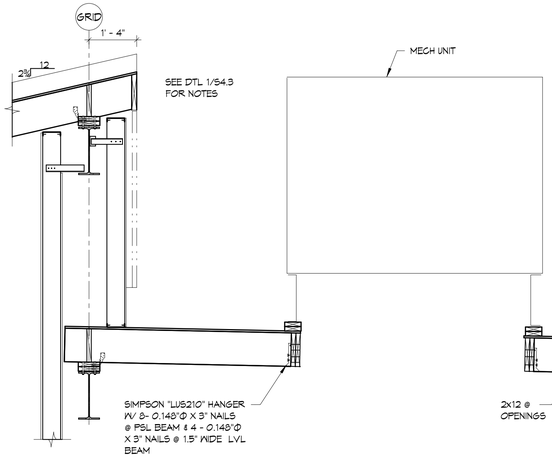
4 SECTION
3/4" = 1'-0"



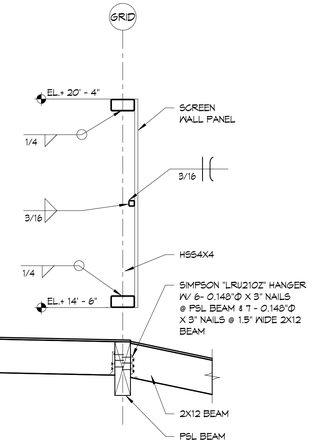
5 SECTION
3/4" = 1'-0"

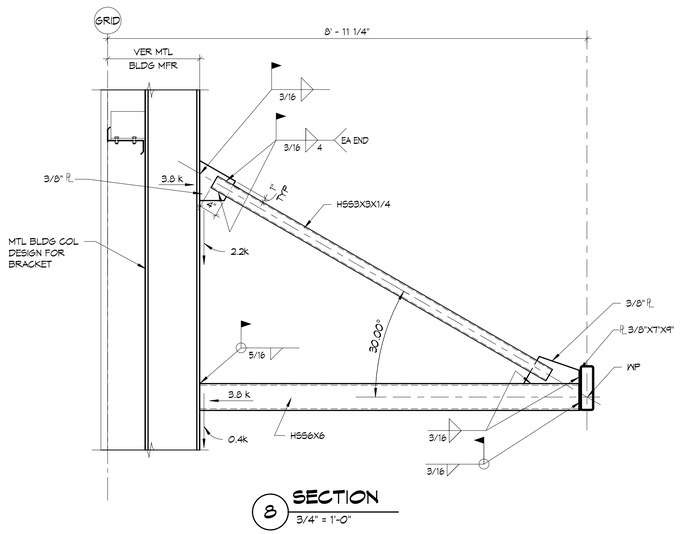


6 SECTION
3/4" = 1'-0"

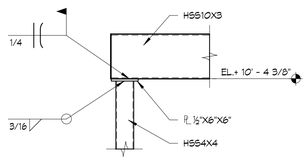


7 SECTION
1/2" = 1'-0"





8 SECTION
3/4" = 1'-0"



9 SECTION
3/4" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9682
STEPHEN HARRISON

2/27/26

GREENBRIER HS BAND BLDG

Jackson Brown Palculict
architects

Date
2/27/26
Revisions

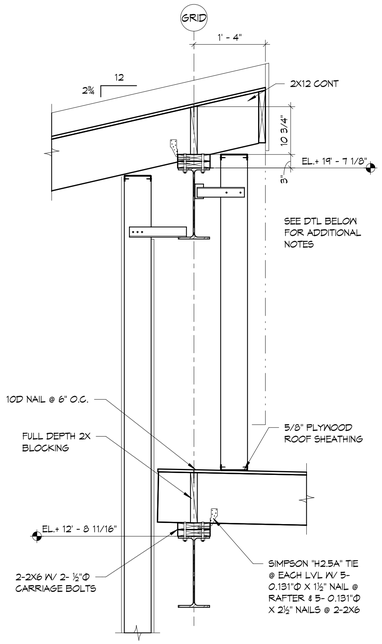
JOB NUMBER 2502

Sheet Title
FRAMING DETAILS

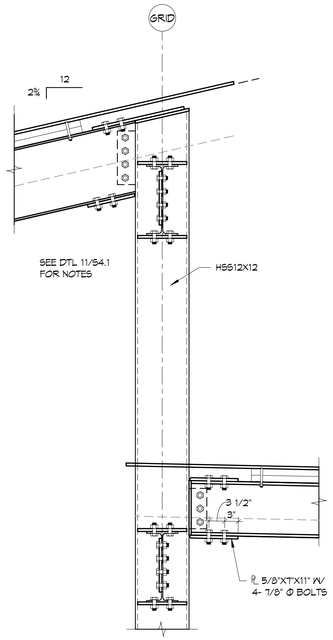
Sheet Number
S4.2

12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

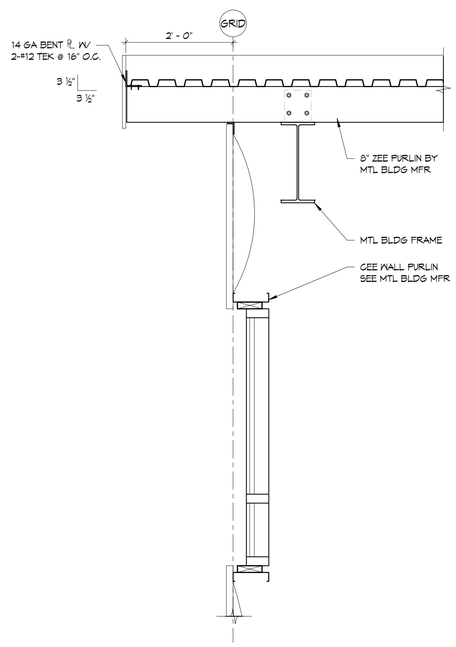
Copyright 2025 JBP



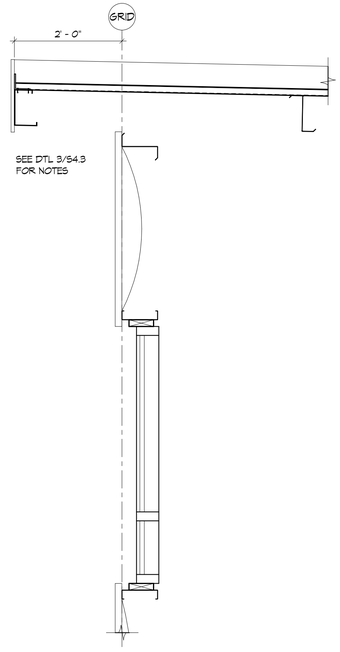
1 SECTION
3/4" = 1'-0"



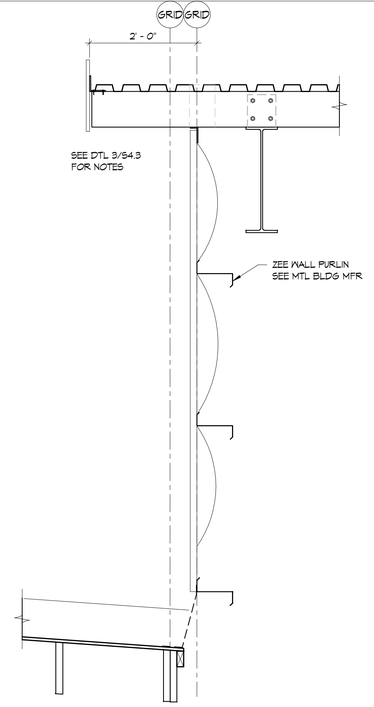
2 SECTION
3/4" = 1'-0"



3 SECTION
3/4" = 1'-0"



4 SECTION
3/4" = 1'-0"



5 SECTION
3/4" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9682
STEPHEN HARRISON

2/27/26

GREENBRIER HS BAND BLDG

Date
2/27/26
Revisions

JOB NUMBER 2502

Sheet Title

FRAMING DETAILS

Sheet Number

S4.3

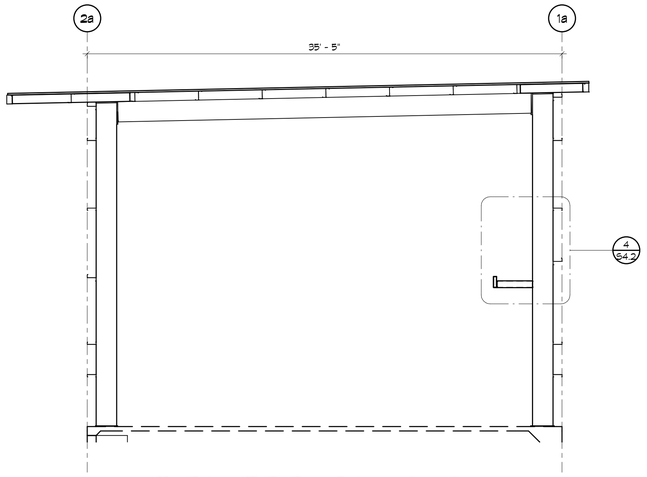
Copyright 2025 JBP

Jackson Brown Palculict
architects

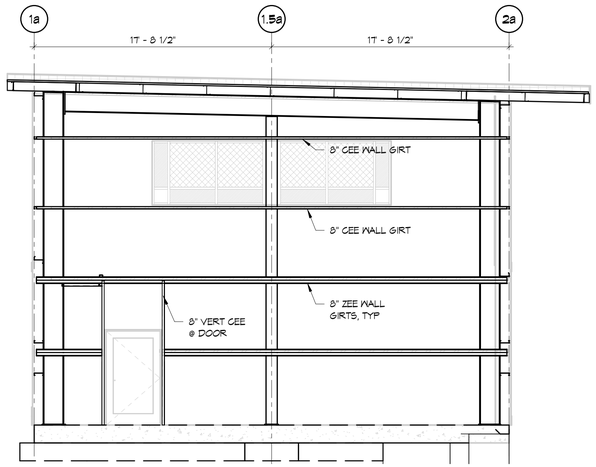
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

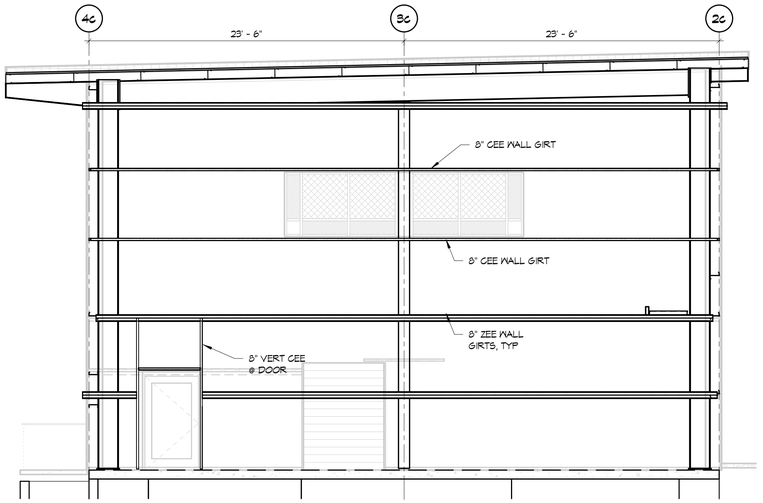
www.jbparchitects.com



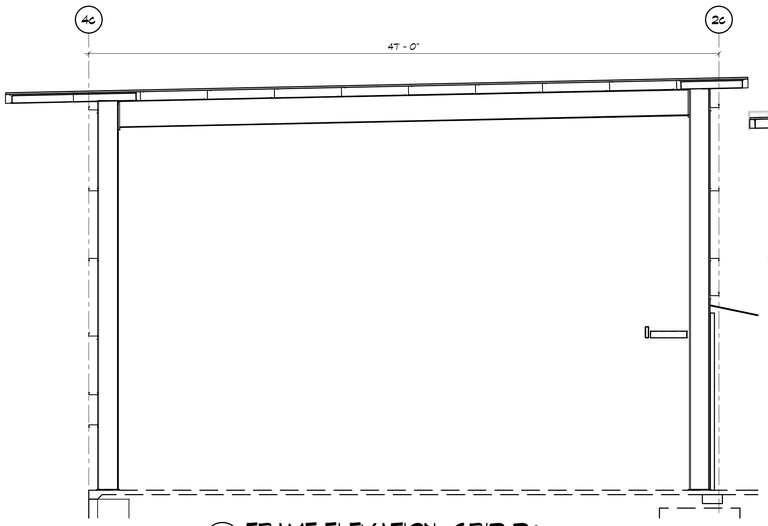
A FRAME ELEVATION GRID Ba
3/16" = 1'-0"



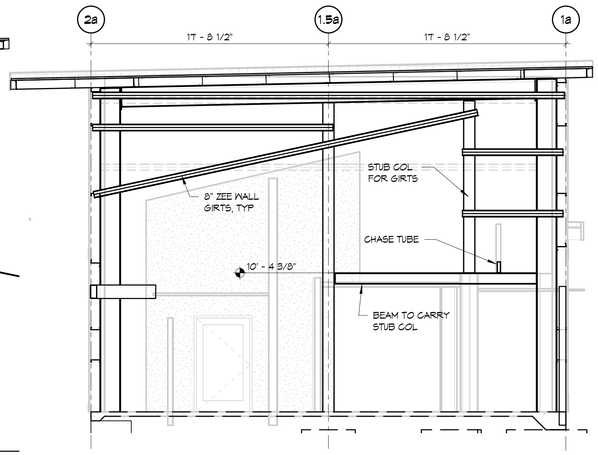
B FRAME ELEVATION GRID Aa
3/16" = 1'-0"



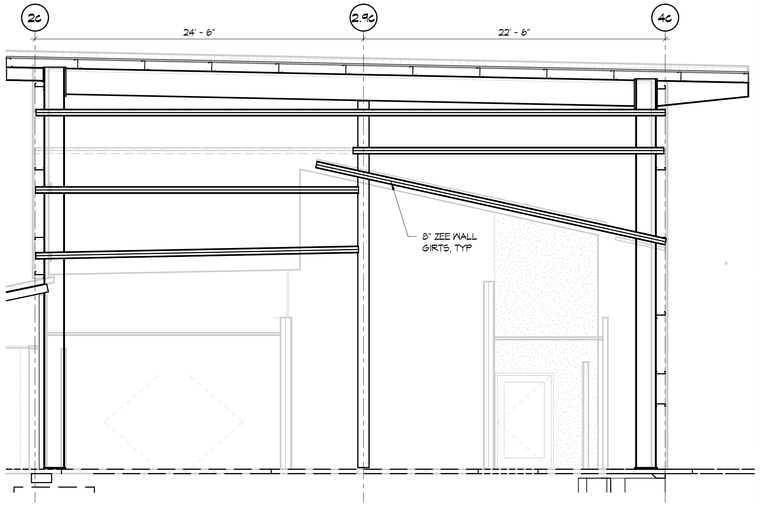
C FRAME ELEVATION GRID Ec
3/16" = 1'-0"



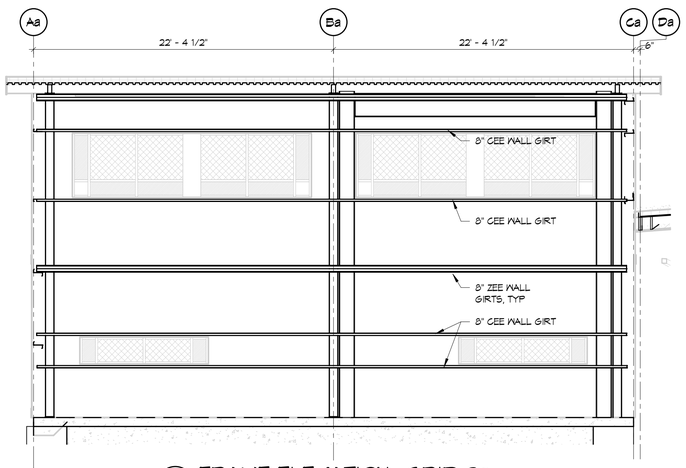
D FRAME ELEVATION GRID Dc
3/16" = 1'-0"



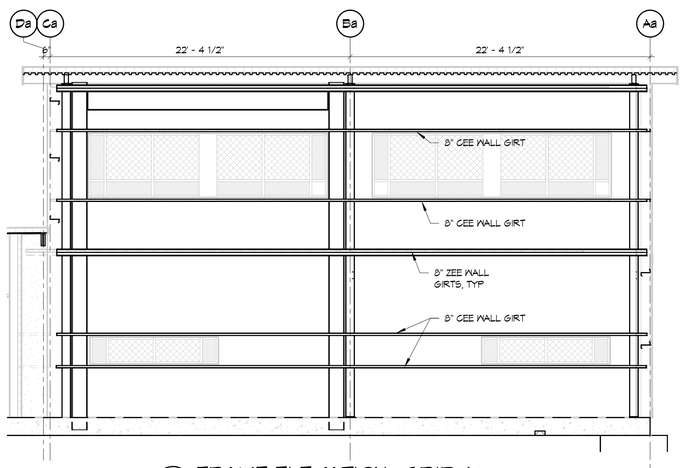
E FRAME ELEVATION GRID Ca
3/16" = 1'-0"



F FRAME ELEVATION GRID Bc
3/16" = 1'-0"



G FRAME ELEVATION GRID 2a
3/16" = 1'-0"



H FRAME ELEVATION GRID 1a
3/16" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9682
STEPHEN HARRISON

2/27/26

GREENBRIER HS BAND BLDG

Jackson Brown Palculict
architects

Date
2/27/26
Revisions

JOB NUMBER 2502

Sheet Title
FRAME ELEVATIONS

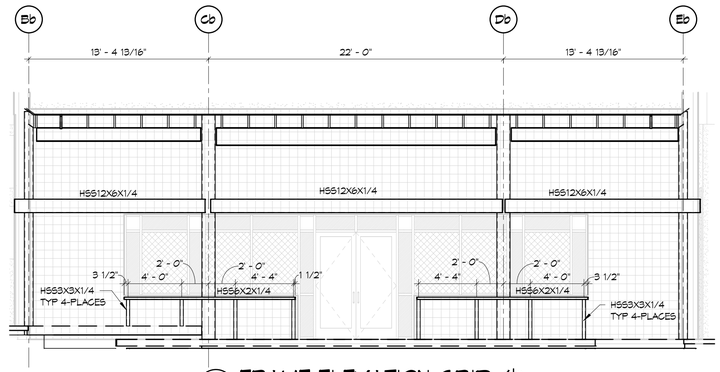
Sheet Number
S5.1

Copyright 2025 JBP

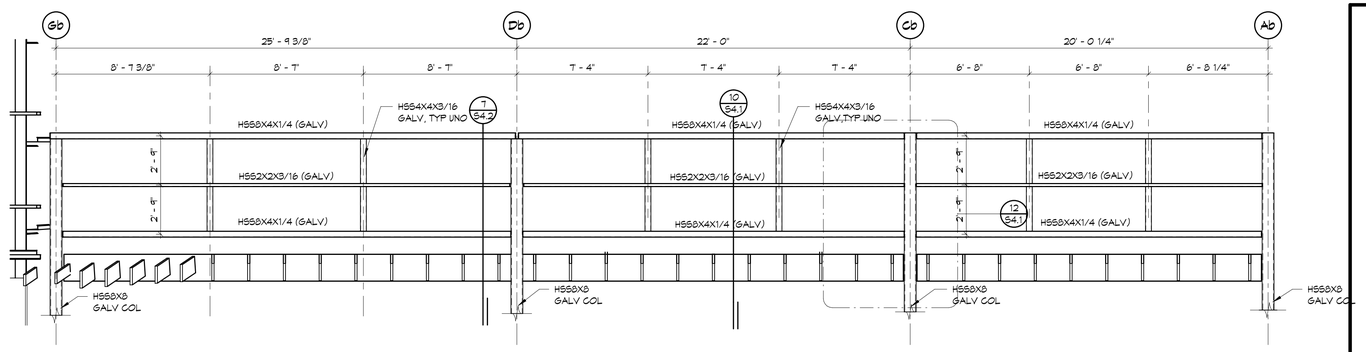
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

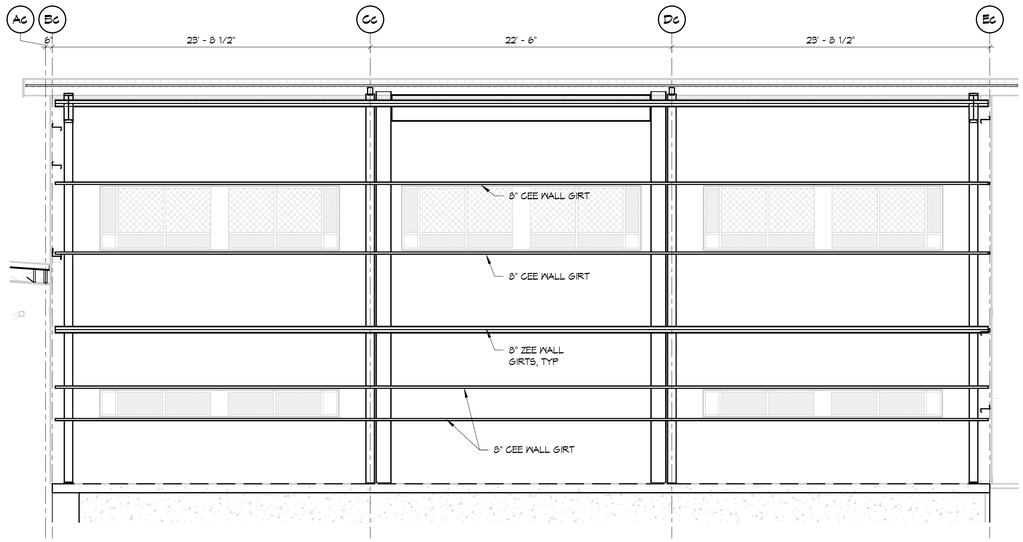
www.jbparchitects.com



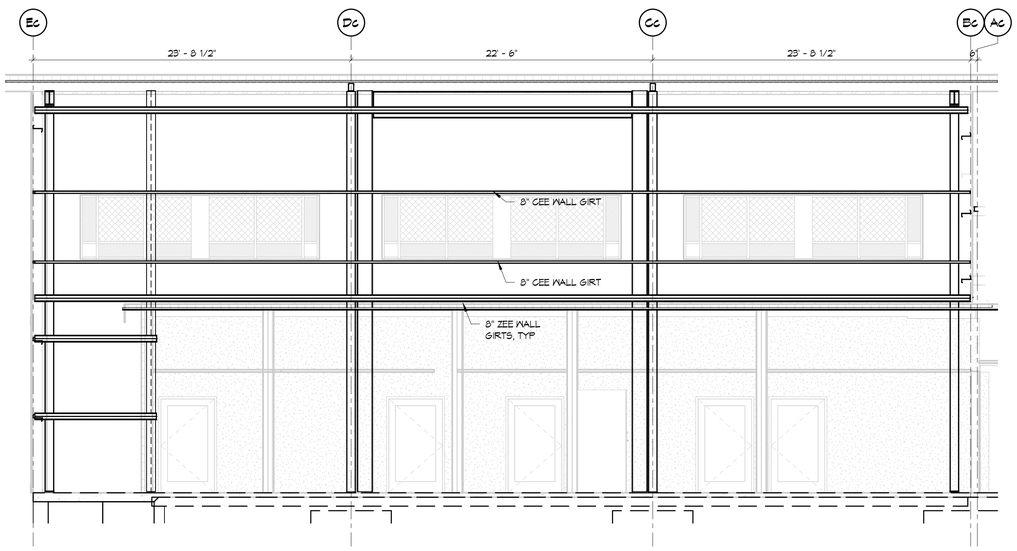
A FRAME ELEVATION GRID 4b
3/16" = 1'-0"



B FRAME ELEVATION GRID 2b
1/4" = 1'-0"



C FRAME ELEVATION GRID 4c
3/16" = 1'-0"



D FRAME ELEVATION GRID 2c
3/16" = 1'-0"

General Notes

CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9682
STEPHEN HARRISON

2/27/26

GREENBRIER HS
BAND BLDG

Date
2/27/26
Revisions

JOB NUMBER 2502

Sheet Title
FRAME ELEVATIONS

Sheet Number
S5.2

Copyright 2025 JBP

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

CODE ANALYSIS
CODE: 2021 Arkansas Fire Prevention Code

OCCUPANCY TYPES

TYPE VB
UNSPRINKLED

EDUCATION

TOTAL BUILDING FOOTPRINT = 8,834 SQ FT

BUILDING CONSTRUCTION:

PER 2021 IBC SECTION 903.2.3 GROUP E (UNSPRINKLED BUILDING):

Allowable sq ft without frontage increase = 9,500 sqft

Frontage increas calculation

Aa = (At +(NS xlf))
Aa = (9,500 + (9,500x.75)
Aa = 16,625

Allowable sq ft with frontage increase =16,625 sqft

Actual Building footprint sq ft = 8,834 sqft

Actual UNDER ROOF INCLUDING OVERHANGS = 10,330 sqft

Aa = (At +(NS xlf))
Aa = (9,500 + (9,500x.75)
Aa = 16,625

ALLOWABLE HEIGHT (1 STORY) = 40'

ACTUAL HEIGHT = 30' -6"

FIRE SEPARATION BETWEEN USES

Per 2021 IBC Table 1020.2 Corridor Fire-Resistance Rating
A 1Hr Fire Separation is required at Corridor

Section 1020.2
(EXCEPTION)
A fire-resistance rating is not required for corridors in an occupancy in Group E where each room that is used for instruction has not less than one door opening directly to the exterior and rooms for assembly purposes have not less than one-half of the required means of egress doors opening directly to the exterior. Exterior doors specified in this exception are required to be at ground level.

OCCUPANCY LOADS

Total Area = 8,834 SqFt / 50net = 177 Occupants

EGRESS

Travel Distances (Unsprinkled)	=200'
Actual Farthest Distance	=70'
Width Required = 0.2 x 177	= 35.4"
Width Actual:	
East	= 72"
West	= 72"
Room 100	= 46"
Room 109	= 46"
Total	= 236"

PLUMBING COUNTS

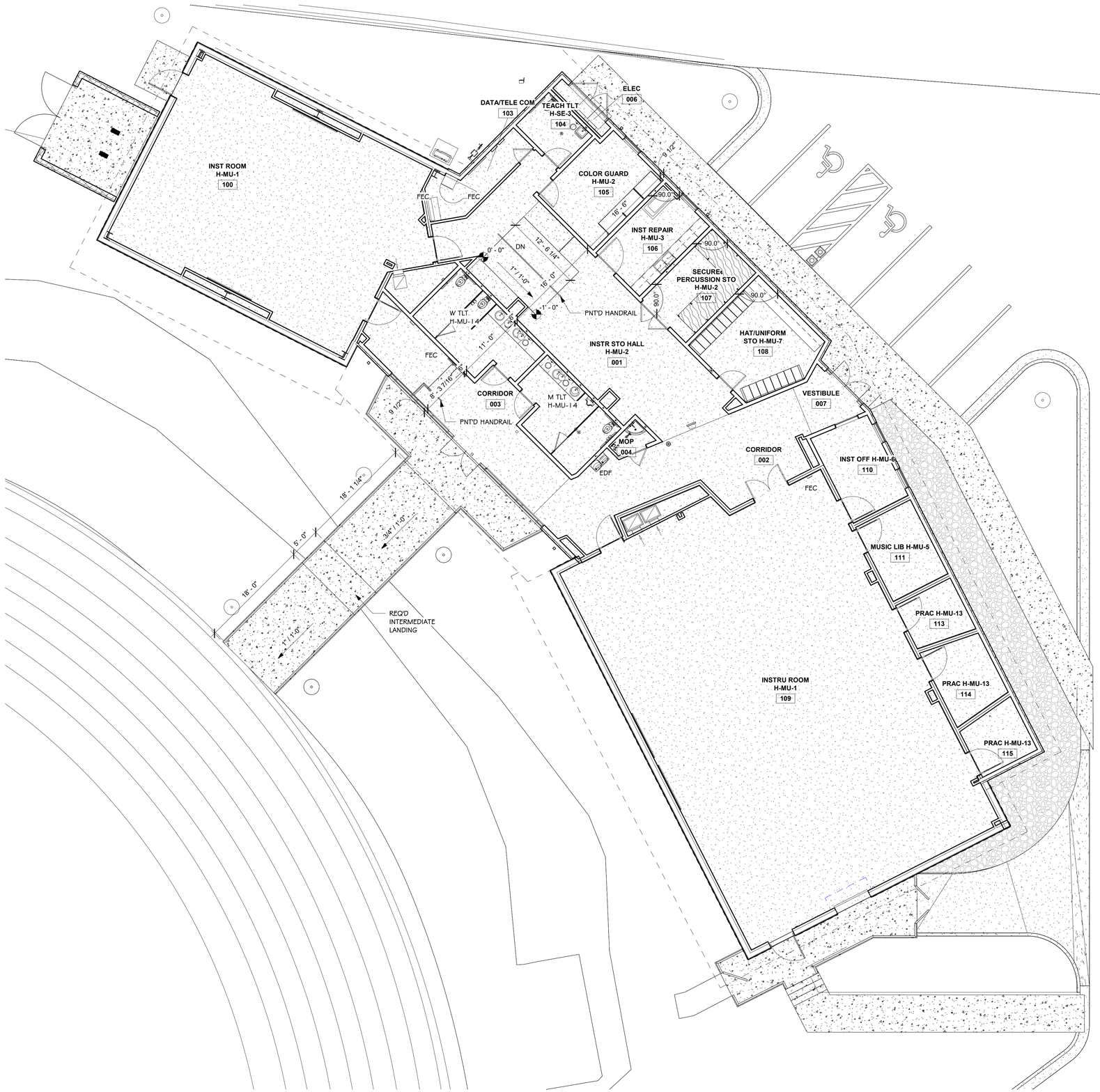
177 Occupancy

Toilets & Lav 1 per 50 - Male (89) = 2	Actual = 2
Toilets & Lav 1 per 50 - Female (89) =2	Actual = 2
Drinking Fountain 1 per 100	Actual = 2 EDF
1 Service Sink required	Actual = 1 Service Sink

FEC CALCULATIONS

8,834 sqft

Max Floor Area/Extinguisher = 3000sq	
Extinguishers Required	= 3
Actual FECs	= 4
Max travel Distance to EDF	= 55



N1 1/8 CODE PLAN
1/8" = 1'-0"

General Notes

GREENBRIER HS BAND BLDG

Jackson Brown Palculict architects

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
CODE SHEET

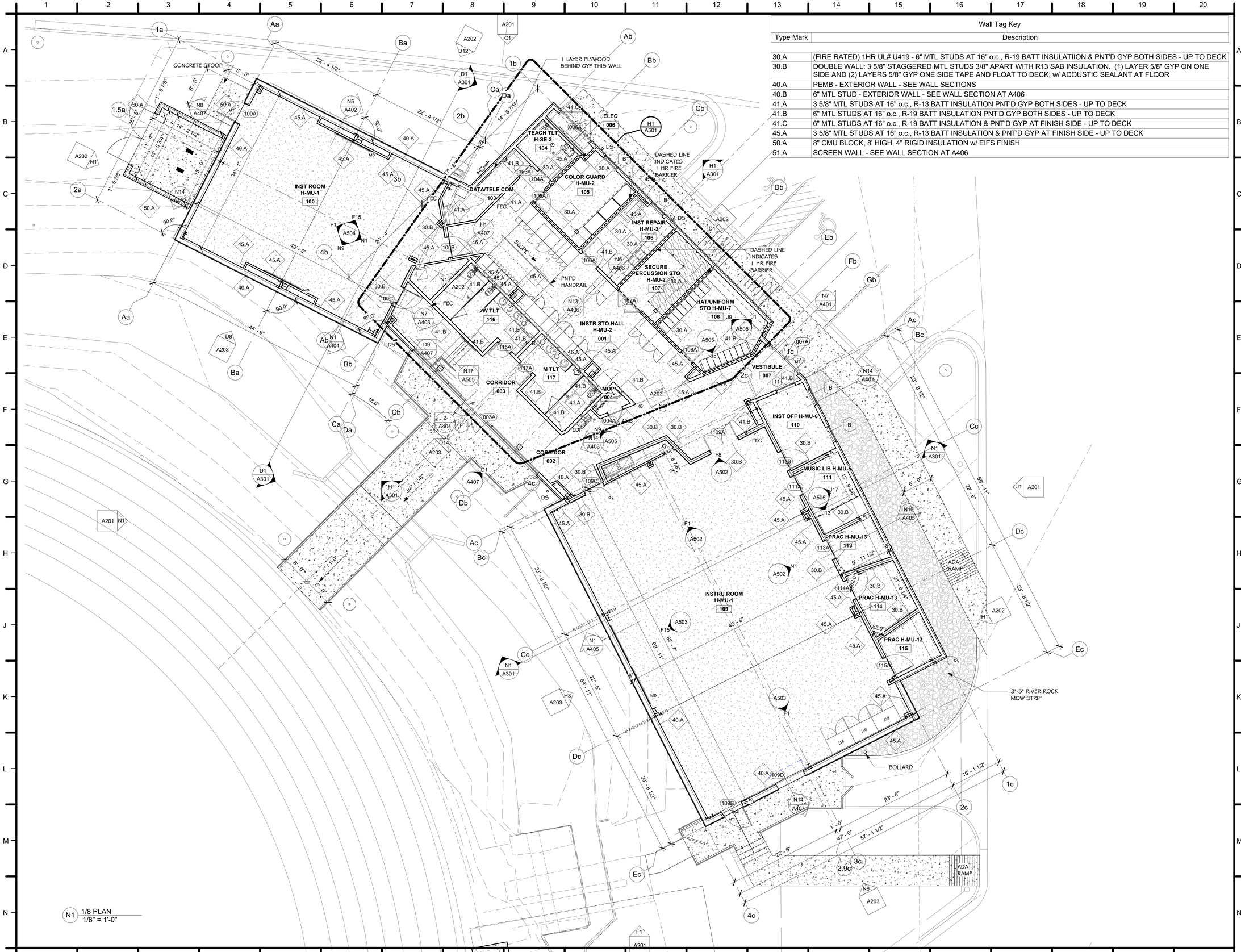
Sheet Number
A100

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

Copyright 2026 JBP



N1 1/8 PLAN
1/8" = 1'-0"

Wall Tag Key	
Type Mark	Description
30.A	(FIRE RATED) 1HR UL# U419 - 6" MTL STUDS AT 16" o.c., R-19 BATT INSULATIION & PNT'D GYP BOTH SIDES - UP TO DECK
30.B	DOUBLE WALL: 3 5/8" STAGGERED MTL STUDS 3/8" APART WITH R13 SAB INSULATION. (1) LAYER 5/8" GYP ON ONE SIDE AND (2) LAYERS 5/8" GYP ONE SIDE TAPE AND FLOAT TO DECK, w/ ACOUSTIC SEALANT AT FLOOR
40.A	PEMB - EXTERIOR WALL - SEE WALL SECTIONS
40.B	6" MTL STUD - EXTERIOR WALL - SEE WALL SECTION AT A406
41.A	3 5/8" MTL STUDS AT 16" o.c., R-13 BATT INSULATION PNT'D GYP BOTH SIDES - UP TO DECK
41.B	6" MTL STUDS AT 16" o.c., R-19 BATT INSULATION PNT'D GYP BOTH SIDES - UP TO DECK
41.C	6" MTL STUDS AT 16" o.c., R-19 BATT INSULATION & PNT'D GYP AT FINISH SIDE - UP TO DECK
45.A	3 5/8" MTL STUDS AT 16" o.c., R-13 BATT INSULATION & PNT'D GYP AT FINISH SIDE - UP TO DECK
50.A	8" CMU BLOCK, 8' HIGH, 4" RIGID INSULATION w/ EIFS FINISH
51.A	SCREEN WALL - SEE WALL SECTION AT A406

General Notes

1. ALL DIMENSIONS ARE TO THE FACE OF STUD OR BLOCK.
2. FIRE EXTINGUISHER CABINETS (FEC) ARE TO BE MOUNTED 48" A.F.F. TO THE TOP OF THE CABINET
3. ALL SWITCHES TO BE MOUNTED NO HIGHER THAN 48" A.F.F.
4. MOUNT THERMOSTATS 54" A.F.F. MAX
5. FURNITURE N.I.C. SHOWN FOR REFERENCE ONLY
6. ALL DOOR HARDWARE TO MEET ADA REQUIREMENTS
7. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
8. ALL EXTERIOR DOOR TO RECEIVE METAL THRESHOLD "MT"
9. A.T.P. INDICATES ADA TRAP PROTECTION, PROVIDE ON ALL EXPOSED SINK/LAV TRAPS
10. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS.
12. "CJ" INDICATES CONTROL JOINT, SEE SPECS FOR DESCRIPTION OF METHODS AND LOCATIONS.
13. * INDICATES WINDOWS THAT ARE TO RECEIVE BLINDS
14. DOWNSPOUTS ARE INDICATED AS "DS",
15. MB=MARKER BOARD
    TB=TACK BOARD
    SM= SMART BOARD
    ALL TO BE MOUNTED AT 2'-10" A.F.F.
    SMART BOARDS ARE OWNER FURNISHED & OWNER INSTALLED.
16. MT= METAL THRESHOLD - INSTALL AT ALL EXTERIOR DOORS
17. ALL STUD WALLS TO RECEIVE BATT INSULATION.

GREENBRIER HS BAND BLDG

REGISTERED ARCHITECTS
Jackson Brown Palculict Architects
C34
2-27-2026
Kansas

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
PLAN

Sheet Number
A101

Copyright 2026 JBP

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

N1 1/8 PLAN Dimensions
1/8" = 1'-0"

General Notes

1. ALL DIMENSIONS ARE TO THE FACE OF STUD, GRID LINE / EDGE OF SLAB
2. ALL STUD WALLS TO RECEIVE BATT INSULATION.

GREENBRIER HS BAND BLDG

REGISTERED ARCHITECTS
C34
2-27-2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
Dimension Plan

Sheet Number
A103

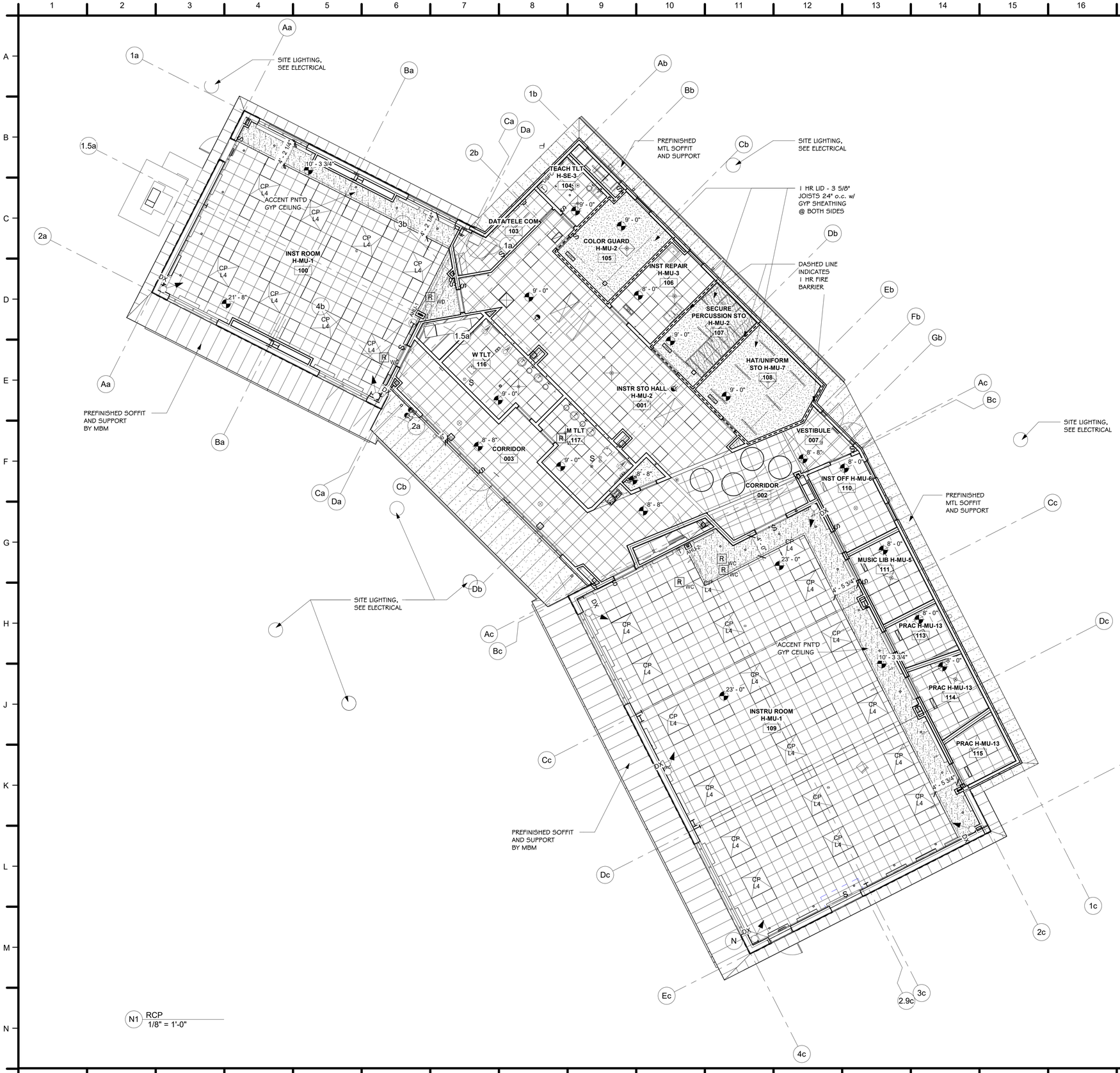
Copyright 2026 JBP

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com



N1 RCP
1/8" = 1'-0"

General Notes

1. SEE MECH AND ELECT SHEETS FOR EXACT FIXTURE COUNTS AND TYPES.
2. PRIORITY IN CEILING SYSTEMS ARE AS FOLLOWS IN ORDER: 1. STRUCTURAL
   2. LIGHTS
   3. GRILLES AND DIFFUSERS
3. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS

GREENBRIER HS BAND BLDG

REGISTERED ARCHITECTS
Jackson Brown Palculict Architects
AR No. C34
2-27-2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
RCP

Sheet Number
A104

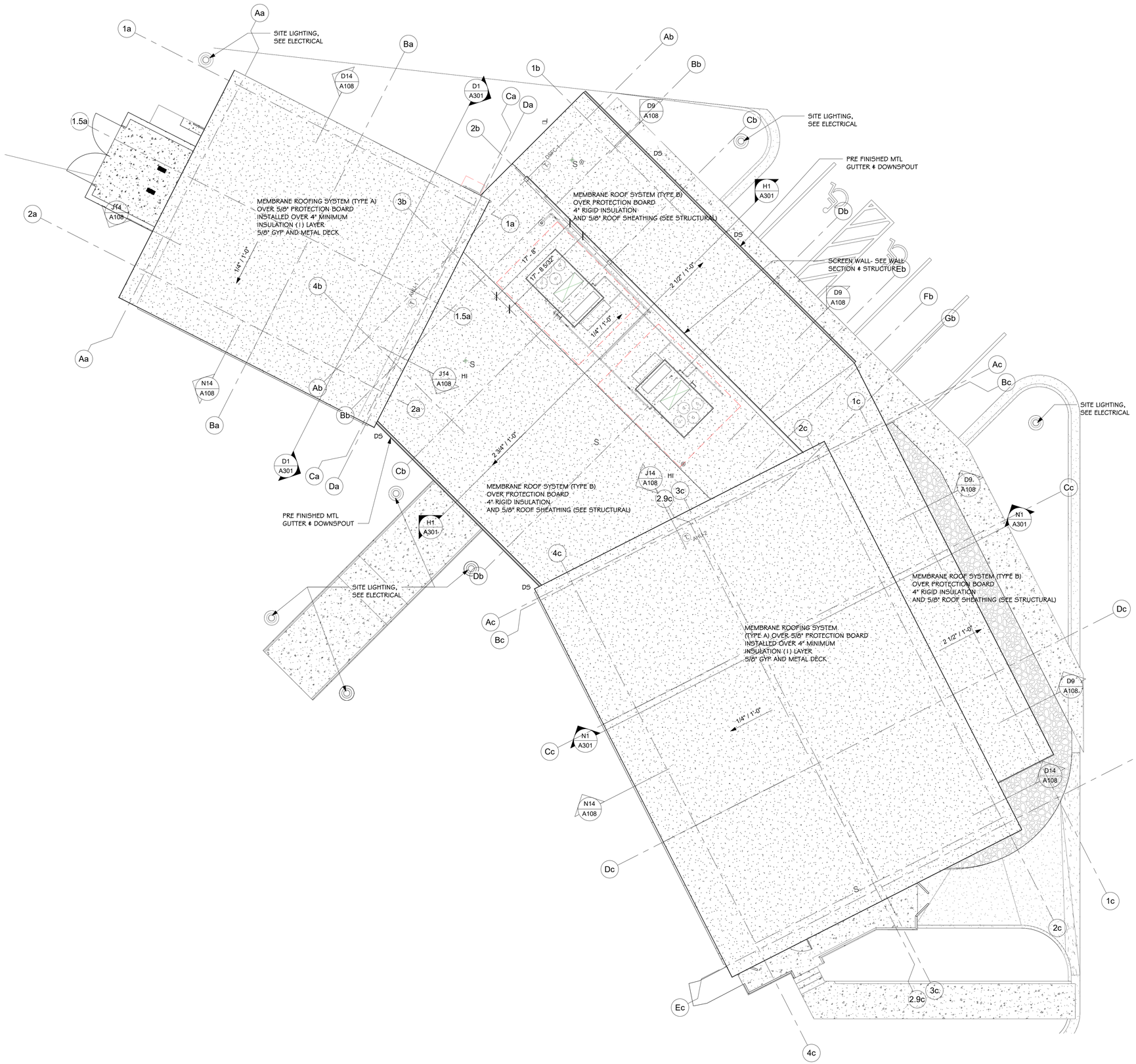
Copyright 2026 JBP

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com



1 N1 1/8 ROOF PLAN
1/8" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES, AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT FIRE SPRINKLER PIPING, GAS PIPING, HANGERS DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS.

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
No. C34
2-27-2026
ARKANSAS

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
ROOF PLAN

Sheet Number
A107

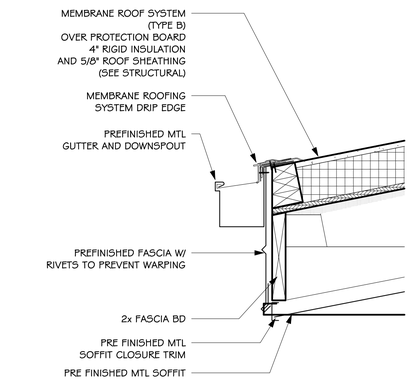
Copyright 2026 JBP

Jackson Brown Palculict
architects

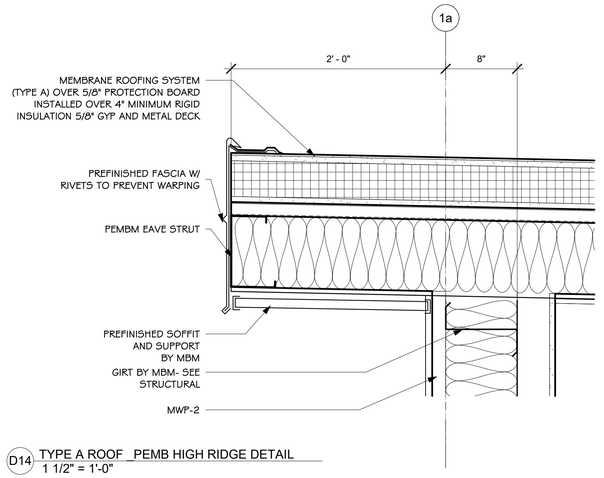
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

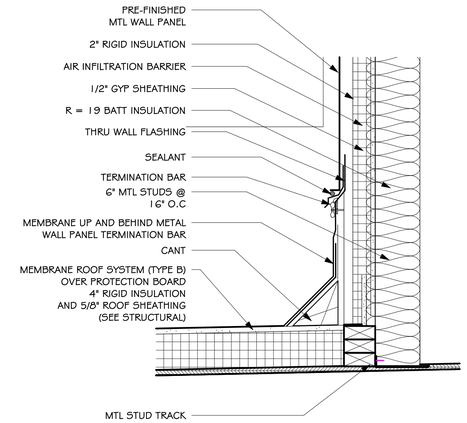
www.jbparchitects.com



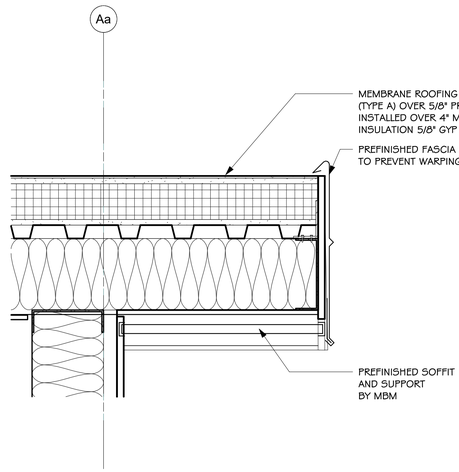
D9 TYPE B ROOF_GUTTER DETAIL
1 1/2" = 1'-0"



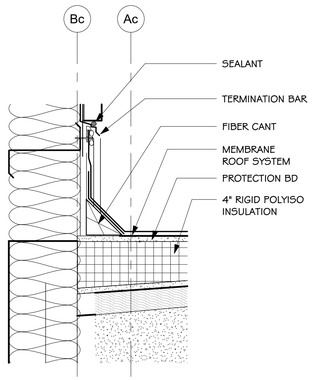
D14 TYPE A ROOF _PEMB HIGH RIDGE DETAIL
1 1/2" = 1'-0"



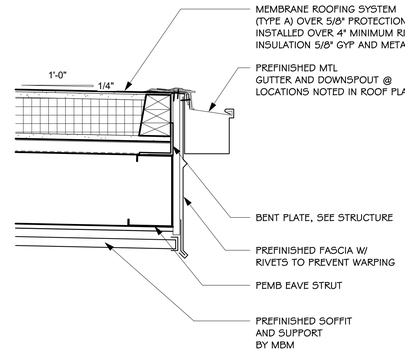
J9 TYPE B ROOF_MEMBRANE ROOF TO MTL STUD FRAMING WALL
1 1/2" = 1'-0"



J14 TYPE A ROOF_PEMB RAKE DETAIL
1 1/2" = 1'-0"



N9 TYPE B ROOF_MEMBRANE TO PEMB WALL DETAIL
1 1/2" = 1'-0"



N14 TYPE A ROOF _ PEMB GUTTER DETAIL
1 1/2" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES, AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT FIRE SPRINKLER PIPING, GAS PIPING, HANGERS DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS.

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
No. C34
2/20/2026
ARKANSAS

Date
2/20/2026
Revisions

JOB NUMBER 2502

Sheet Title
ROOF DETAILS

Sheet Number
A108

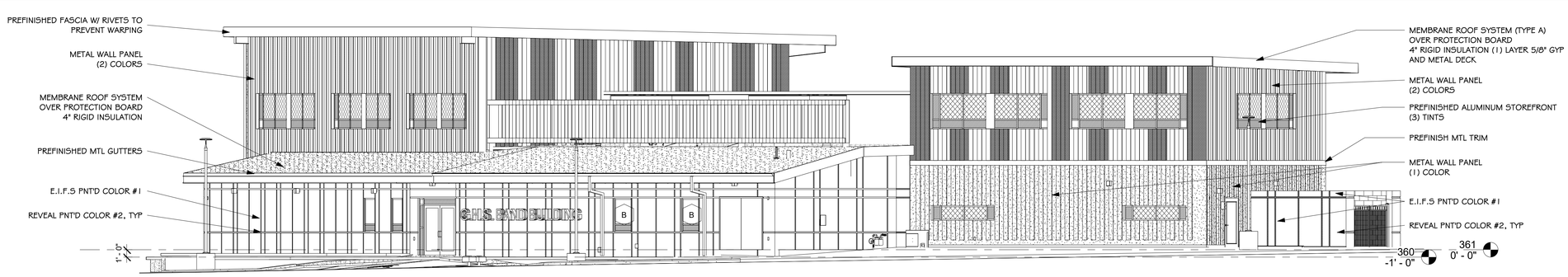
Copyright 2026 JBP

Jackson Brown Palculict
architects

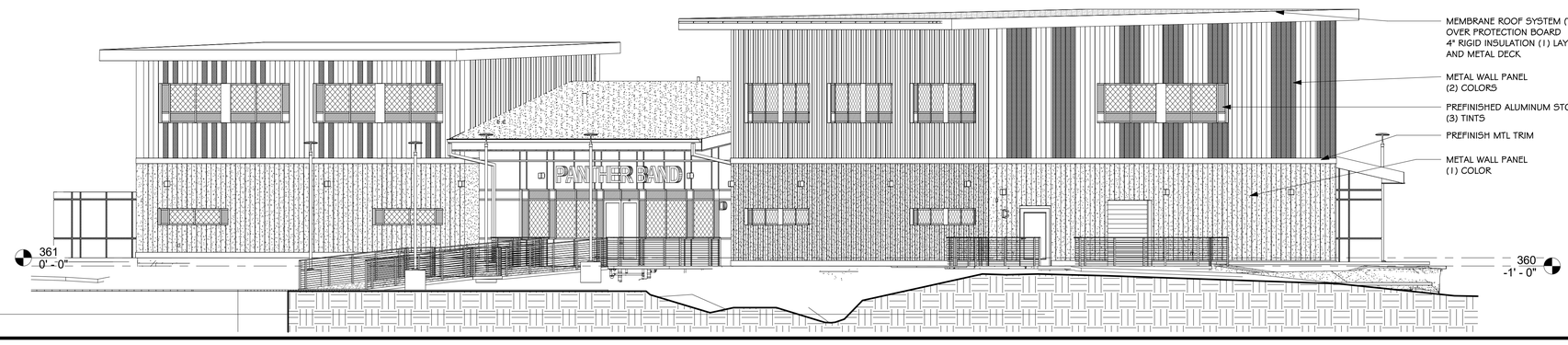
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

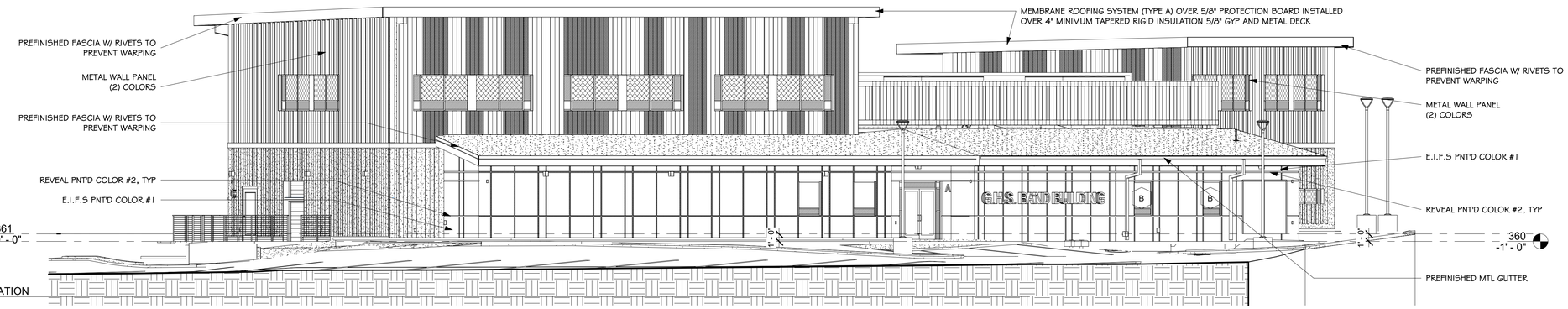
www.jbparchitects.com



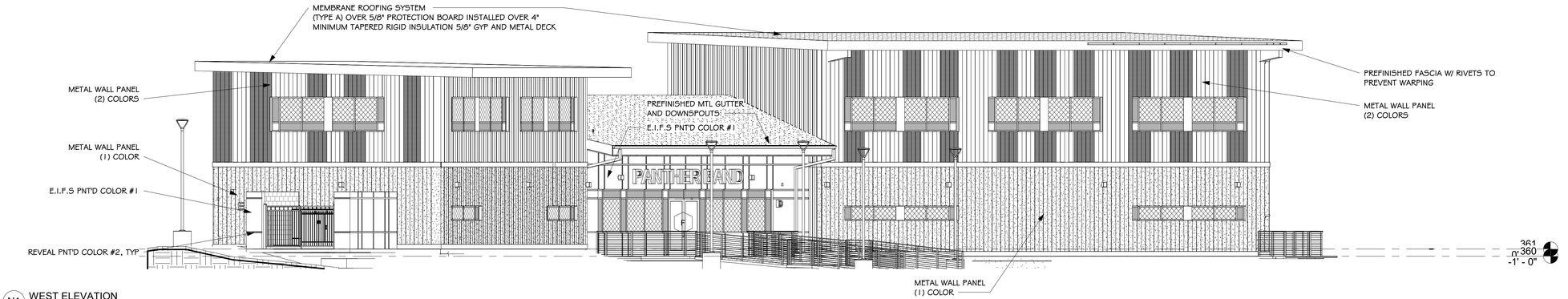
C1 NORTH ELEVATION
1/8" = 1'-0"



F1 SOUTH ELEVATION
1/8" = 1'-0"



J1 EAST ELEVATION
1/8" = 1'-0"



N1 WEST ELEVATION
1/8" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE

METAL WALL PANEL COLOR: WHITE

METAL WALL PANEL COLOR: GRAY

METAL WALL PANEL COLOR: BLUE

GREENBRIER HS BAND BLDG

REGISTERED ARCHITECTS — Jackson Brown Palculict Architects — No. C34 — 2/27/2026

Jackson Brown Palculict
architects

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
OVERALL ELEVATIONS

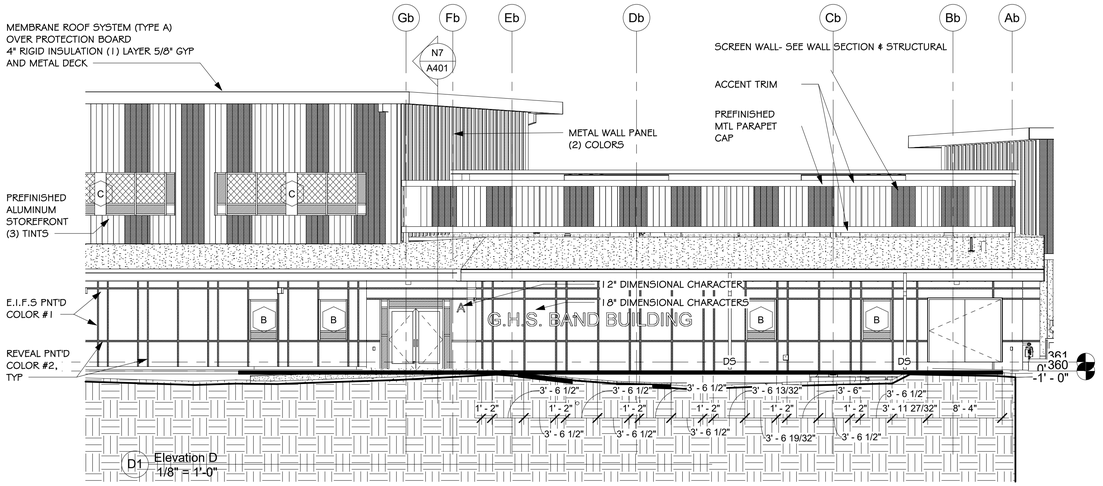
Sheet Number
A201

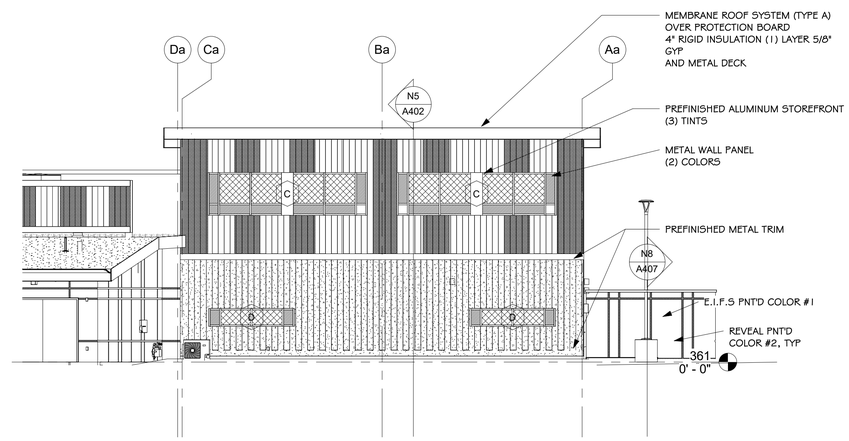
Copyright 2026 JBP

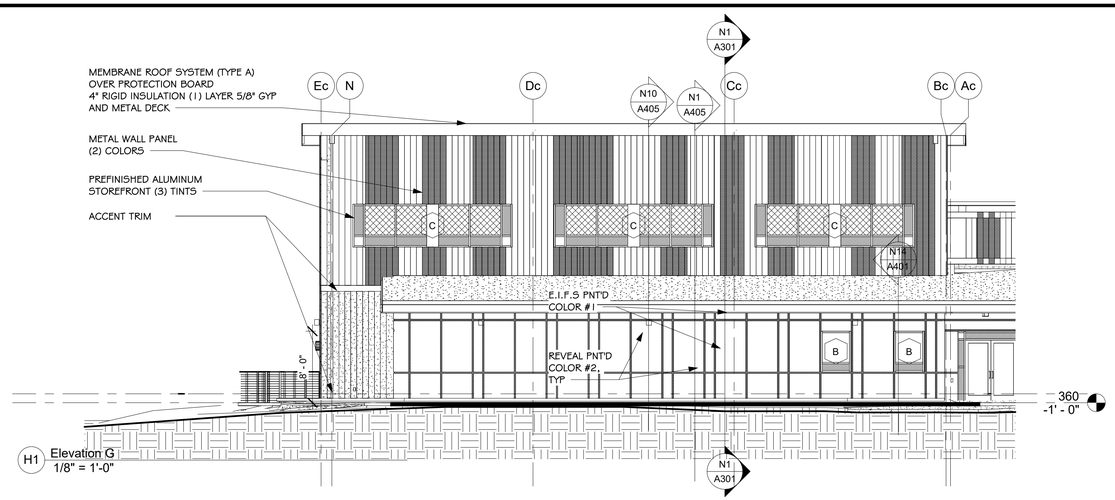
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

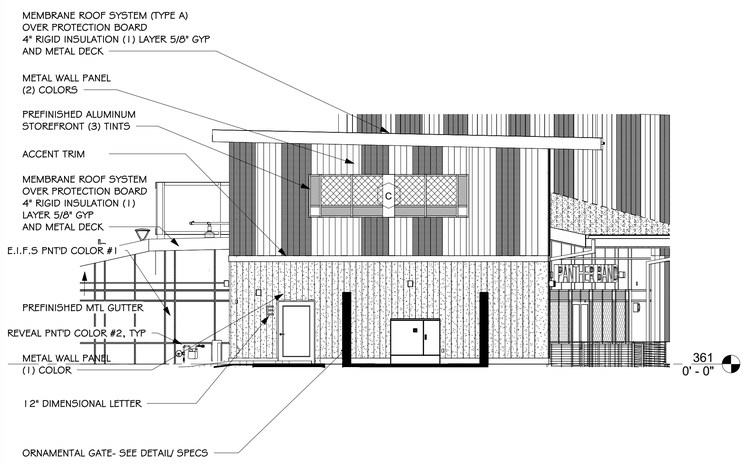
501.664.8700 tel
501.664.5189 fax

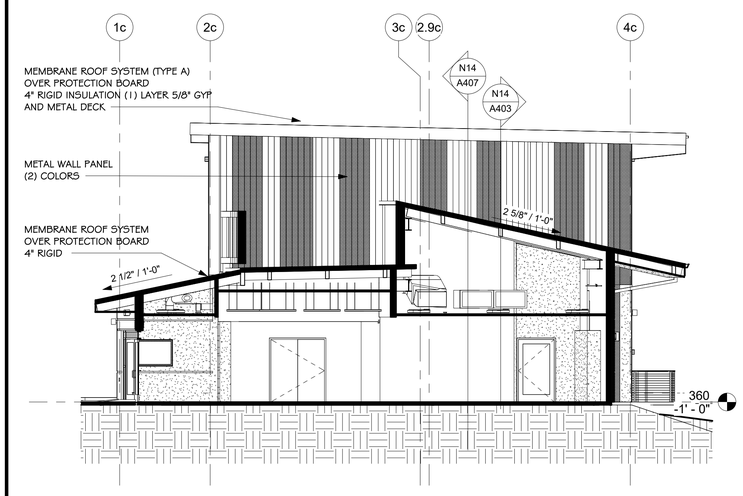
www.jbparchitects.com

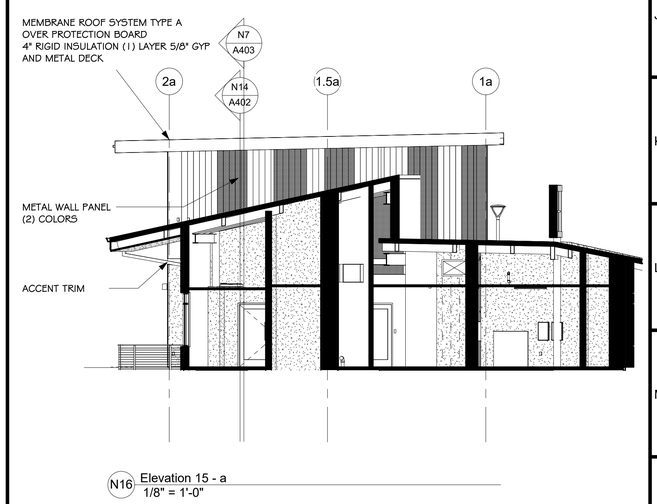












General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE

METAL WALL PANEL COLOR: WHITE

METAL WALL PANEL COLOR: GRAY

METAL WALL PANEL COLOR: BLUE

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects REGISTERED ARCHITECTS NO. C34 STATE OF ARKANSAS 2-27-2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
ENLARGED ELEVATIONS

Sheet Number
A202

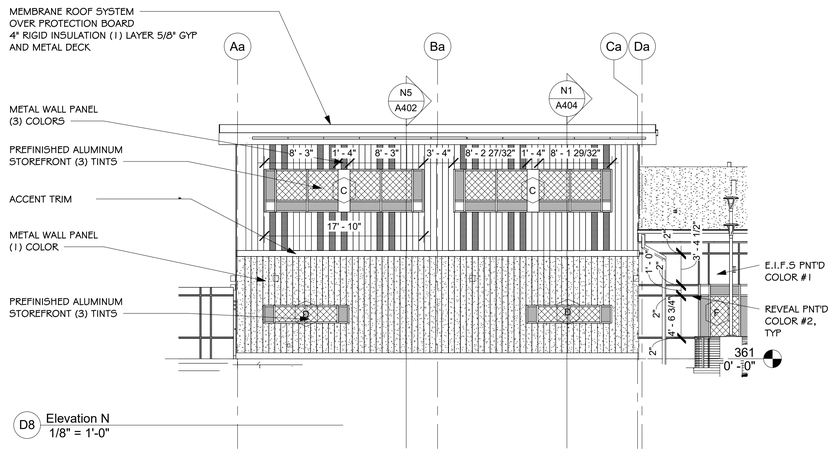
Copyright 2026 JBP

Jackson Brown Palculict
architects

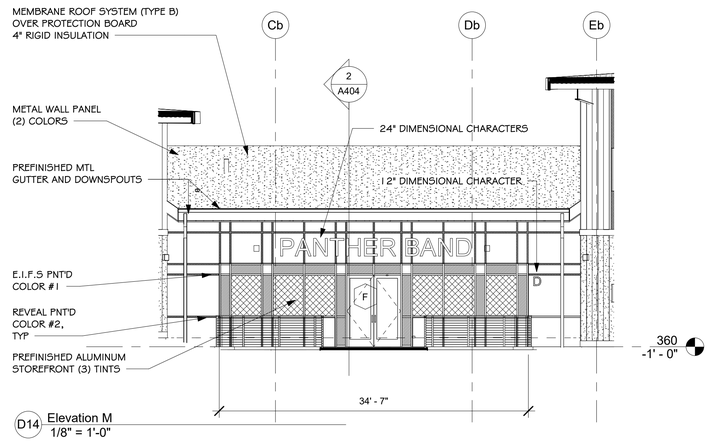
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

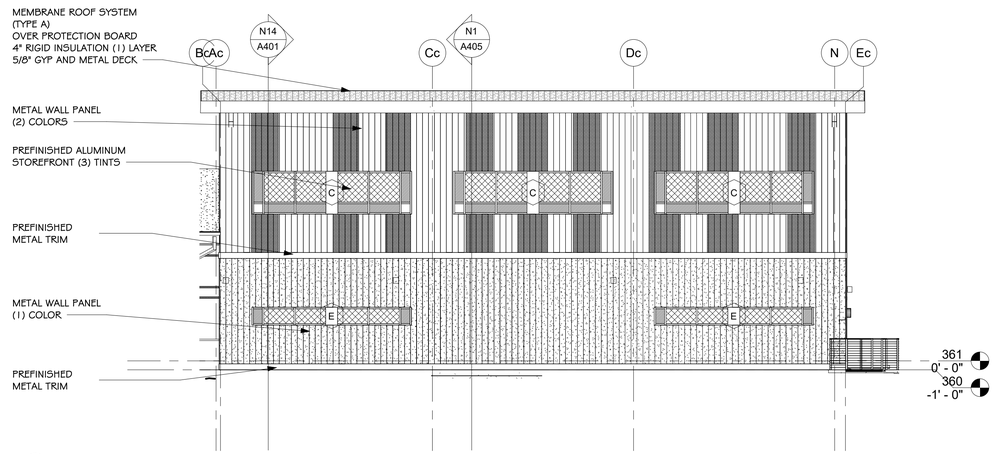
www.jbparchitects.com



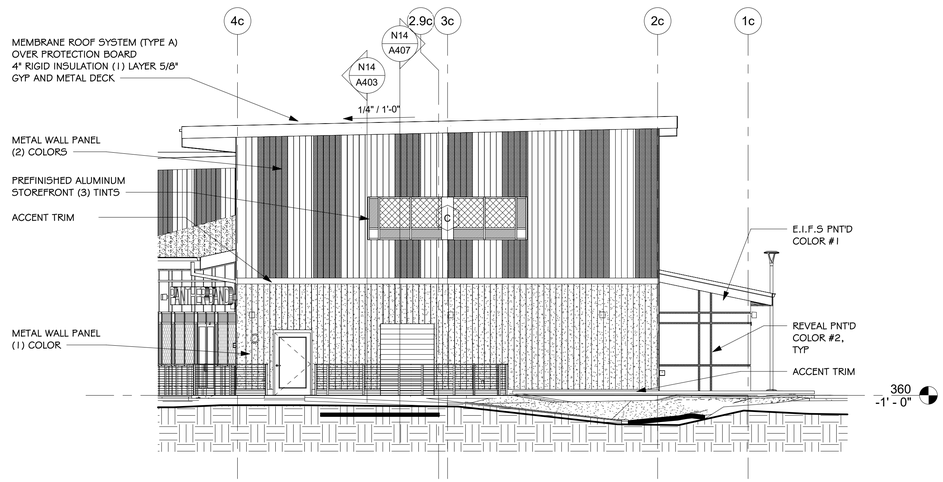
D8 Elevation N
1/8" = 1'-0"



D14 Elevation M
1/8" = 1'-0"



H8 Elevation K
1/8" = 1'-0"



N8 Elevation H
1/8" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE

METAL WALL PANEL COLOR: WHITE

METAL WALL PANEL COLOR: GRAY

METAL WALL PANEL COLOR: BLUE

GREENBRIER HS BAND BLDG

REGISTERED ARCHITECTS
Jackson Brown Palculict Architects
Mark C34
2-27-2026
Arkansas

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
ENLARGED ELEVATIONS

Sheet Number
A203

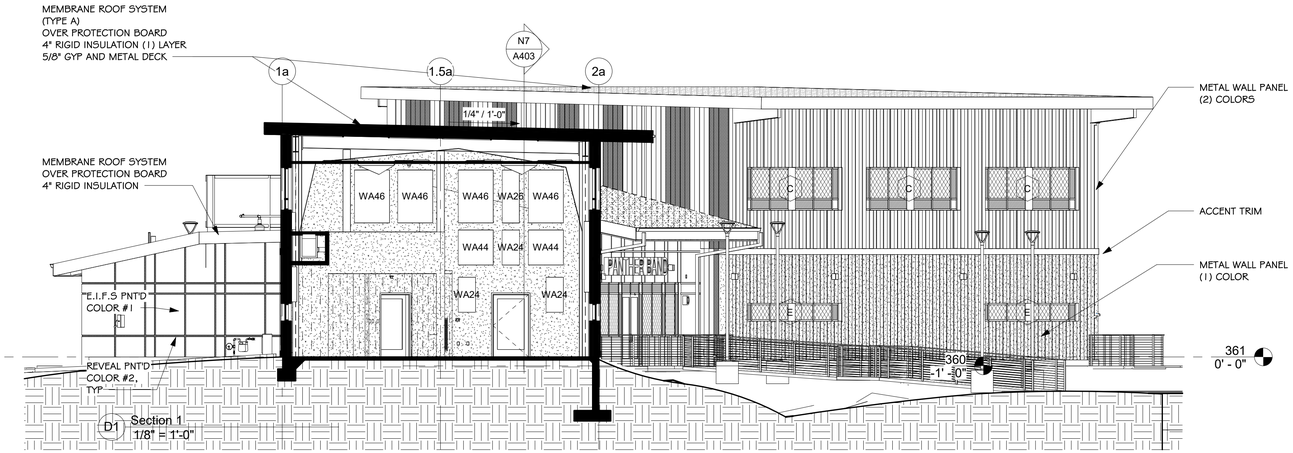
Copyright 2026 JBP

Jackson Brown Palculict
architects

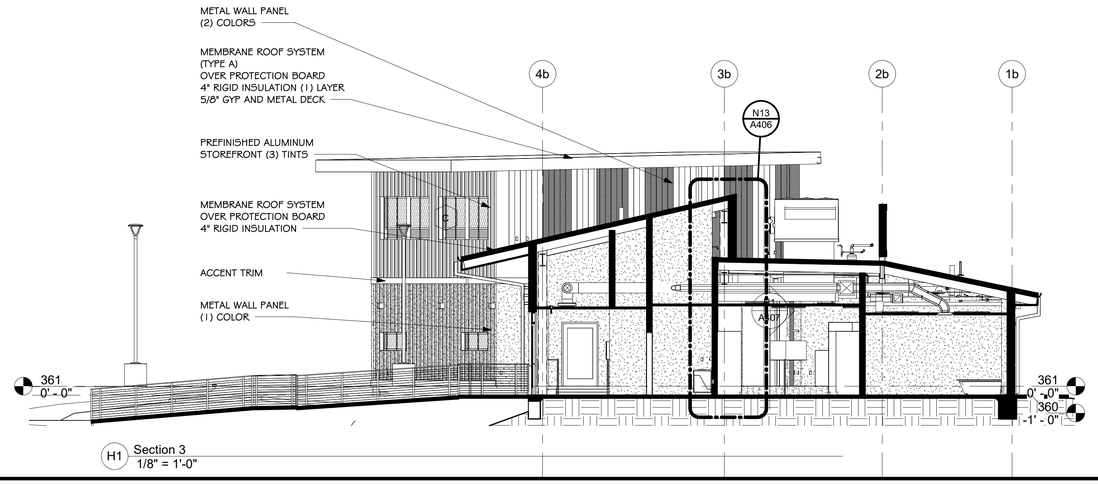
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

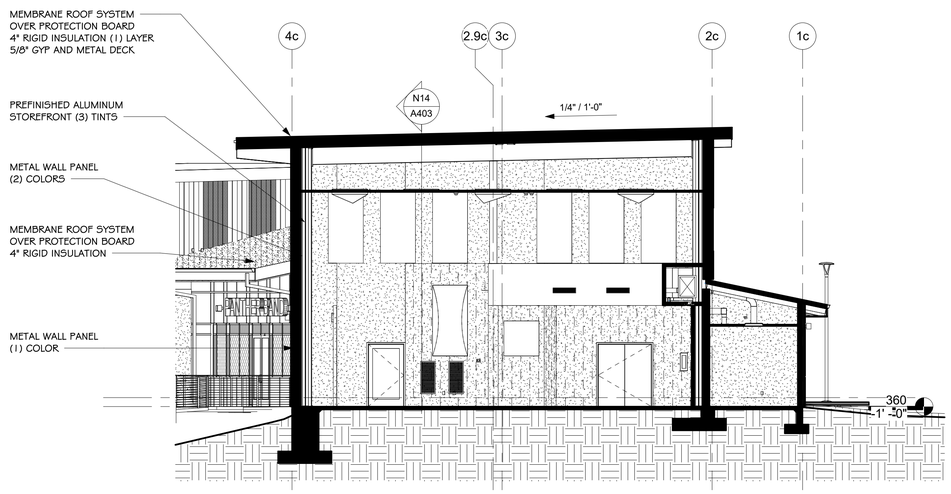
www.jbparchitects.com



D1 Section 1
1/8" = 1'-0"



H1 Section 3
1/8" = 1'-0"



N1 Section 5
1/8" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

GREENBRIER HS BAND BLDG

Jackson Brown Palculict architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

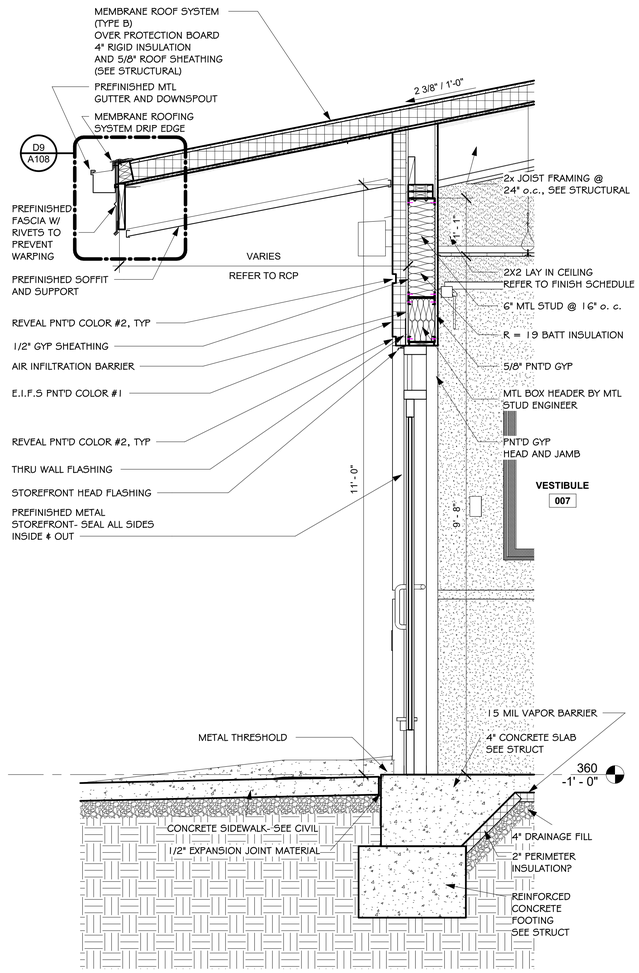
Date
2/27/2026
Revisions

JOB NUMBER 2502

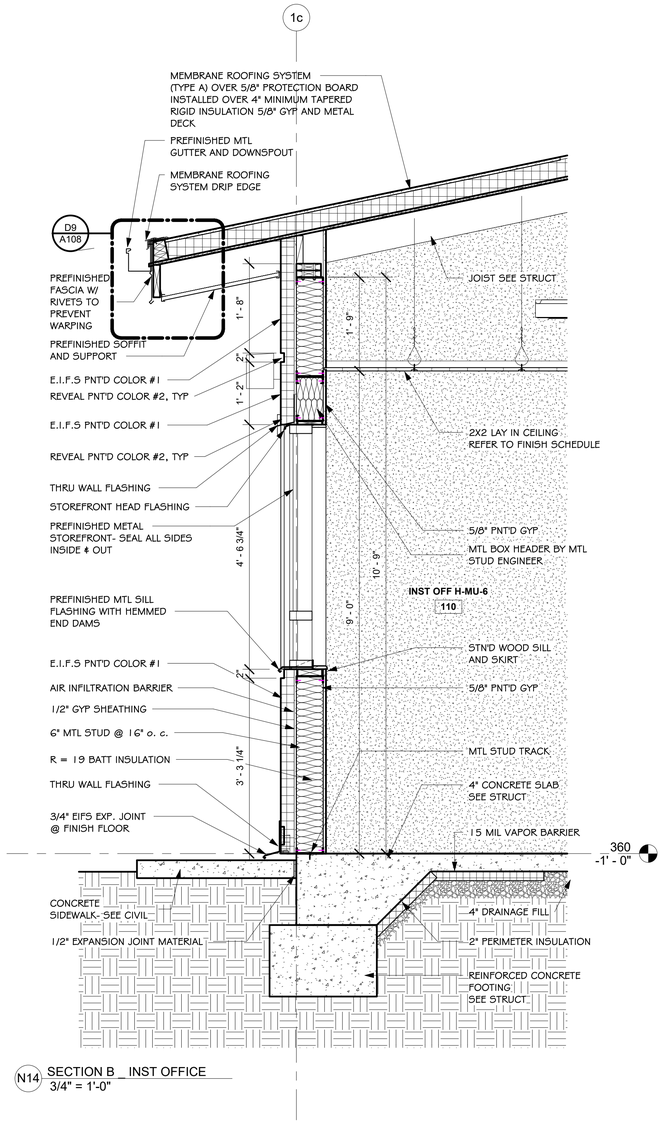
Sheet Title
BUILDING SECTIONS

Sheet Number
A301

Copyright 2026 JBP



N7 SECTION A _ ENTRY VESTIBULE
3/4" = 1'-0"



N14 SECTION B _ INST OFFICE
3/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
Ark. No. C341
2/27/2026
Jackson

Jackson Brown Palculict
architects

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
WALL SECTIONS

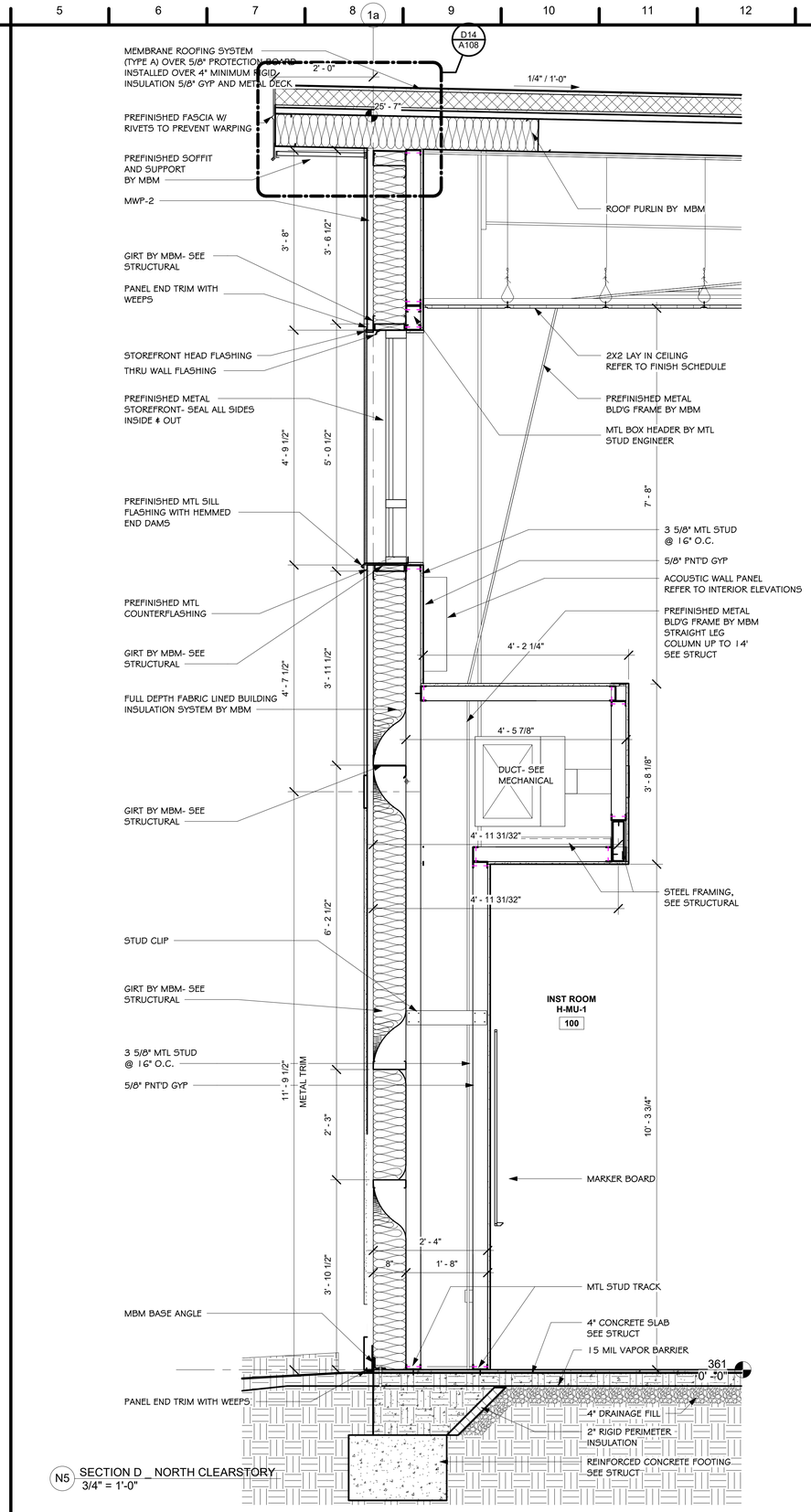
Sheet Number
A401

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

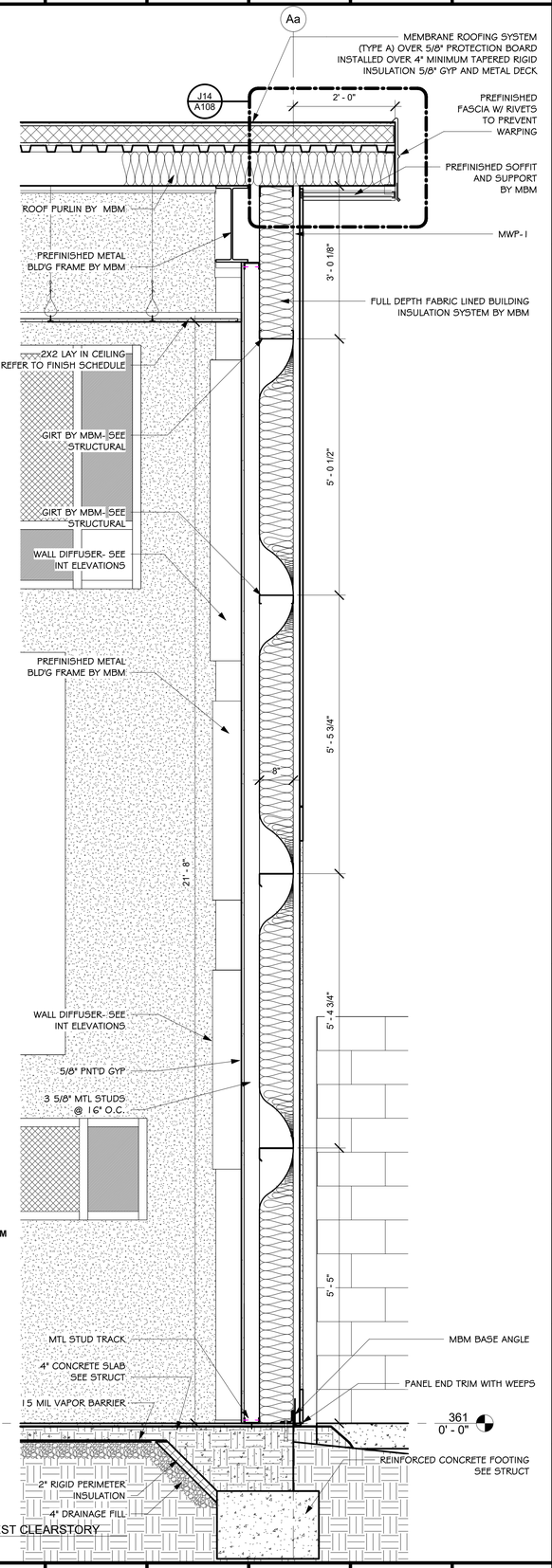
501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

Copyright 2026 JBP



N5 SECTION D _ NORTH CLEARSTORY
3/4" = 1'-0"



N14 SECTION F _ WEST CLEARSTORY
3/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS.
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
NAME C34
DATE 2-27-2026
ARKANSAS

Jackson Brown Palculict
architects

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
WALL SECTIONS

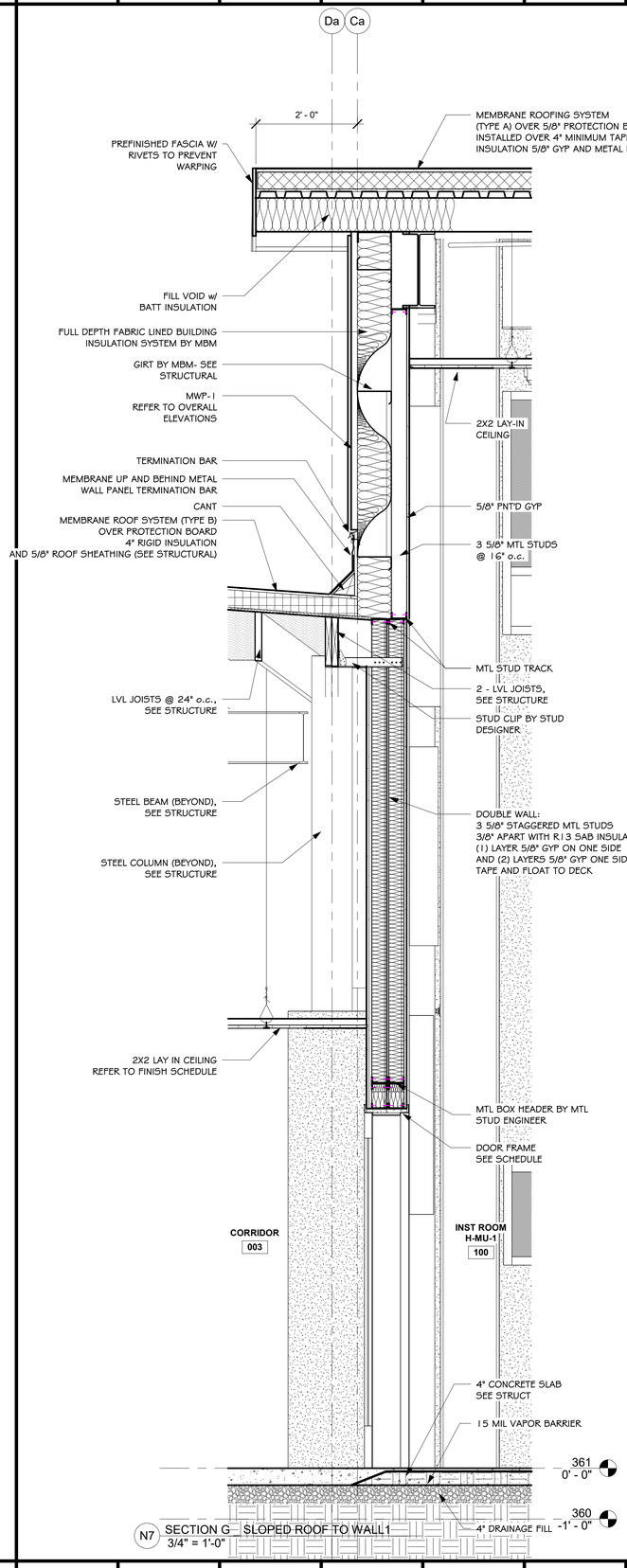
Sheet Number
A402

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

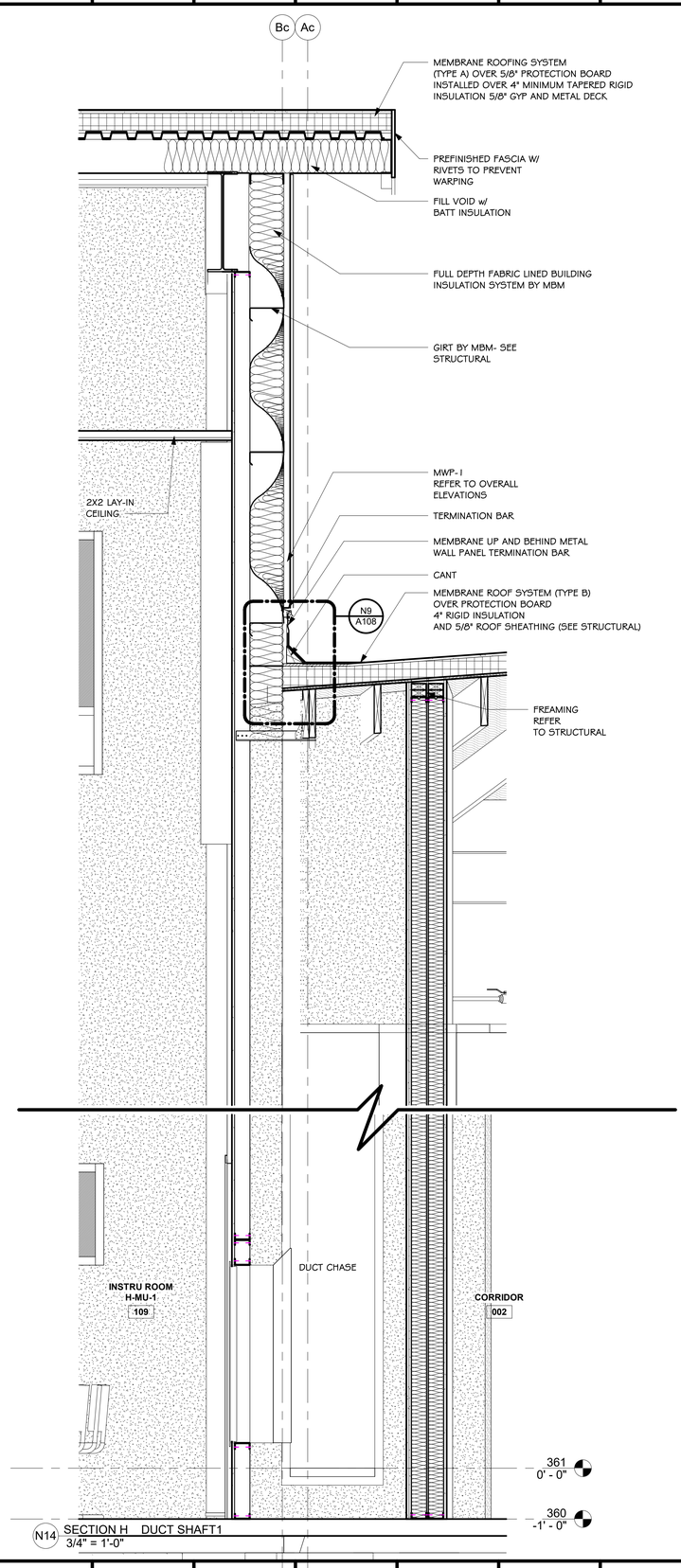
501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

Copyright 2026 JBP



N7 SECTION G SLOPED ROOF TO WALL1
3/4" = 1'-0"



N14 SECTION H DUCT SHAFT1
3/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
NO. C34
2-27-2026
ARKANSAS

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
WALL SECTIONS

Sheet Number
A403

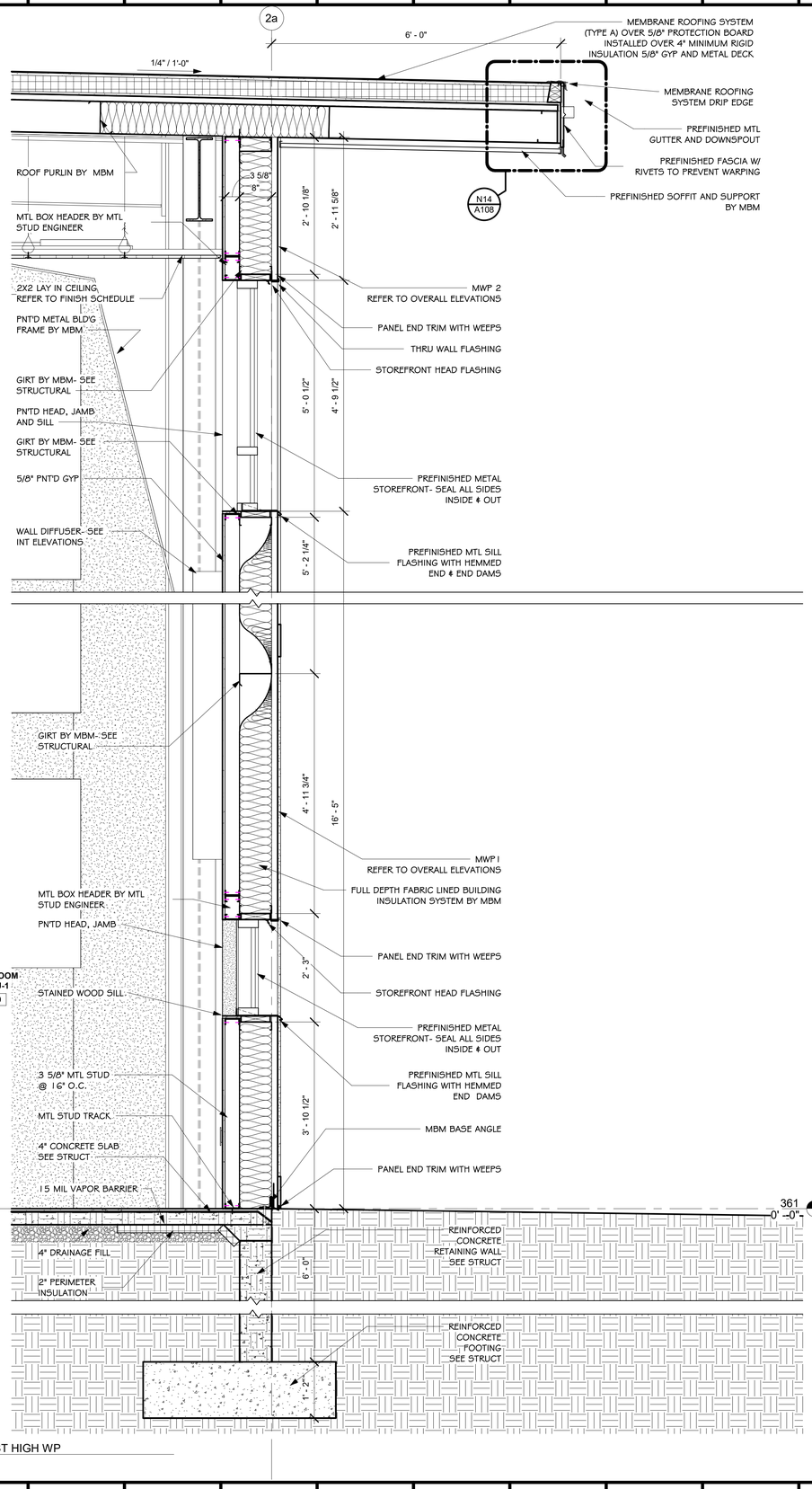
Copyright 2026 JBP

Jackson Brown Palculict
architects

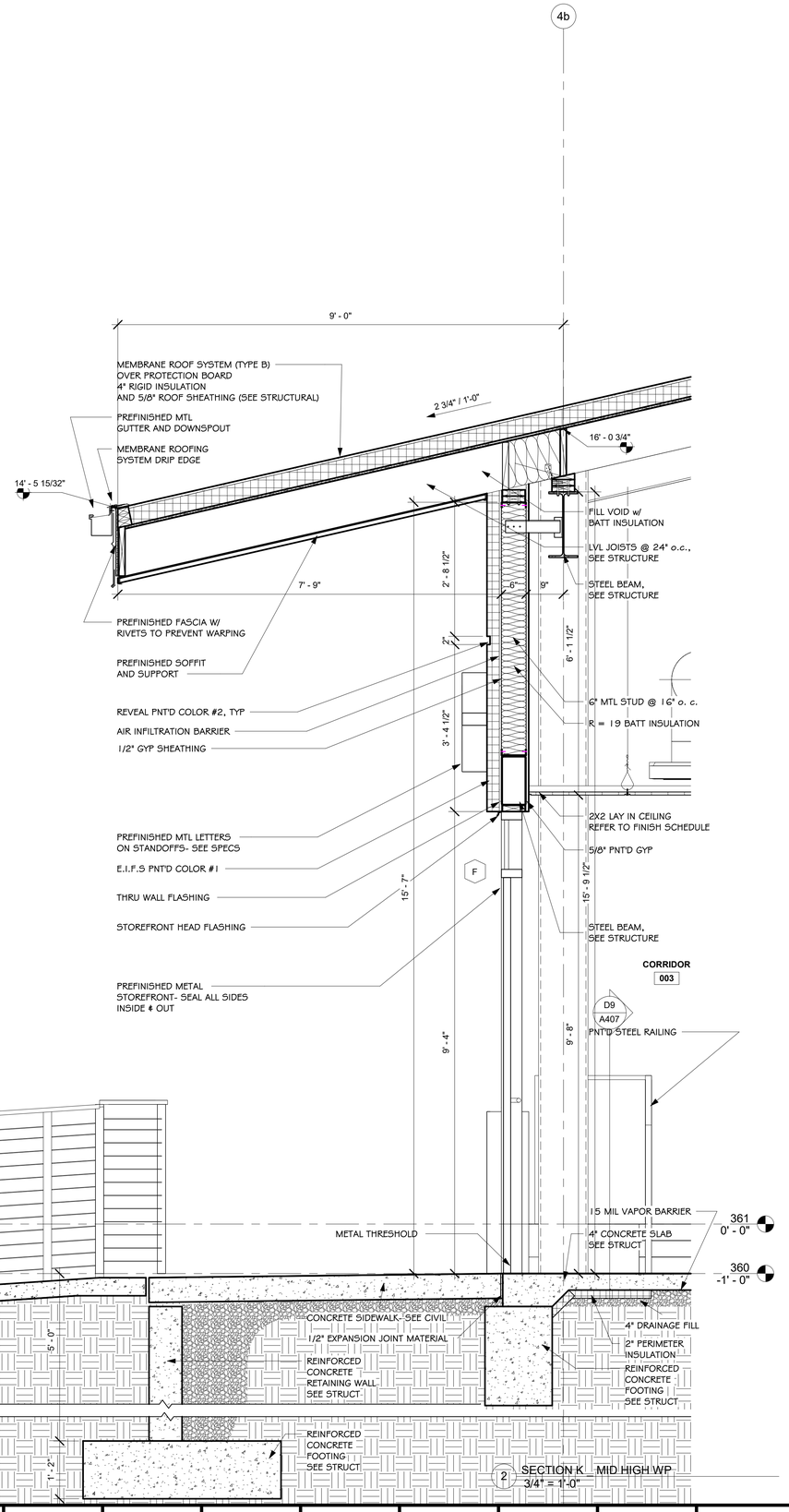
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com



N1 SECTION J _ WEST HIGH WP
3/4" = 1'-0"



2 SECTION K _ MID HIGH WP
3/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects — Registered Architects — C34 — 2/27/2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
WALL SECTIONS

Sheet Number
A404

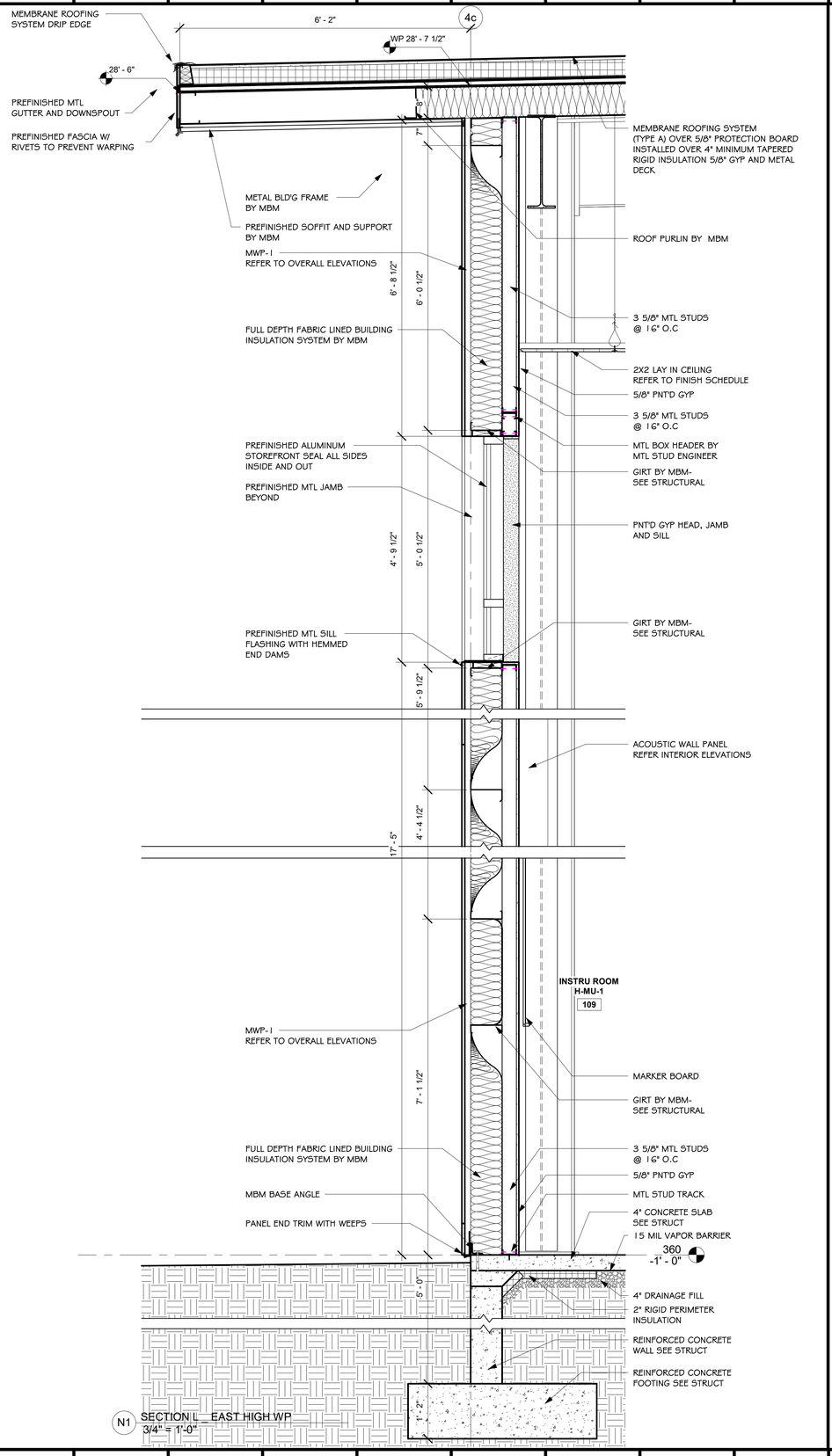
Copyright 2026 JBP

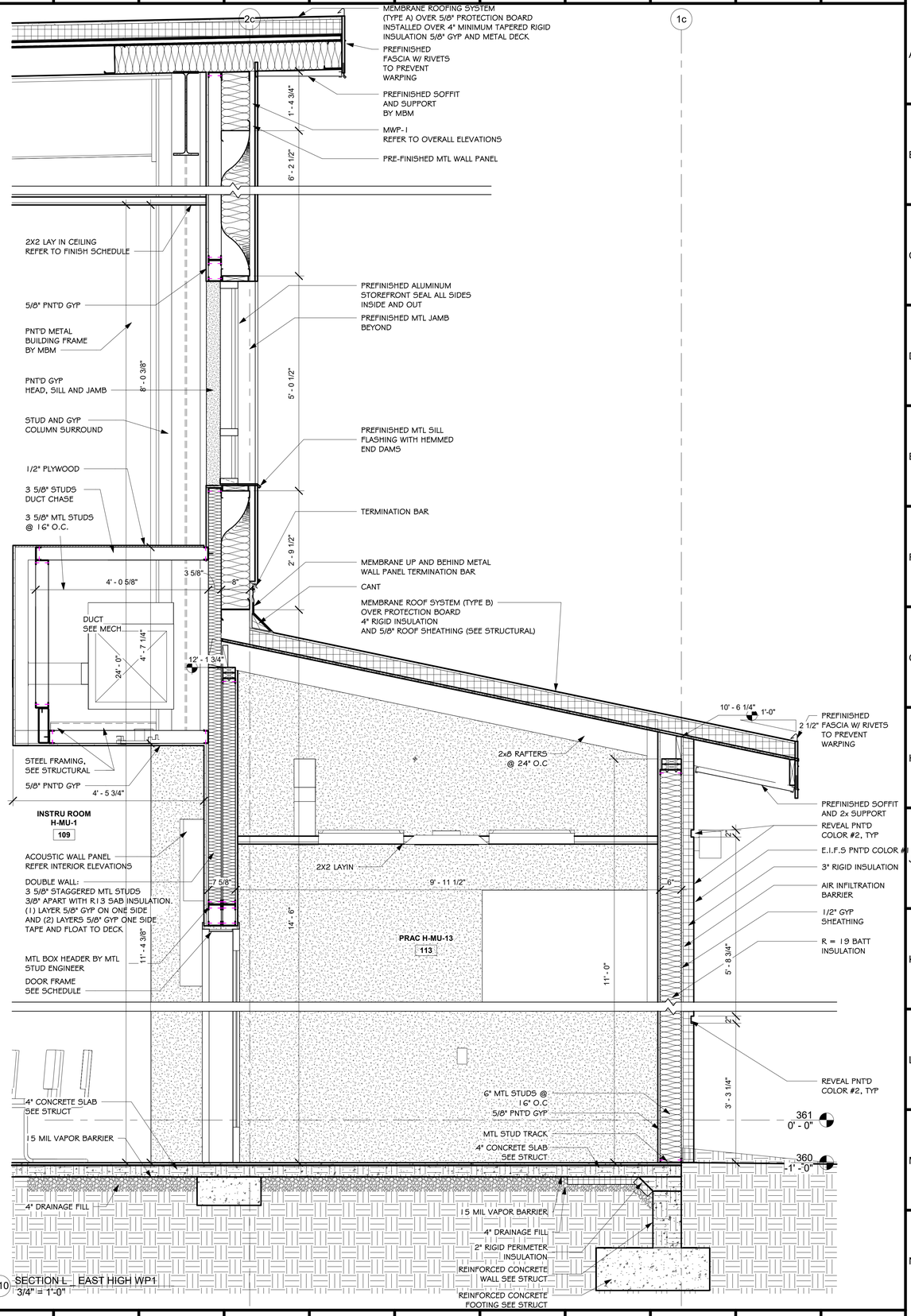
Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com





General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
C34
12/31/2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
WALL SECTIONS

Sheet Number
A405

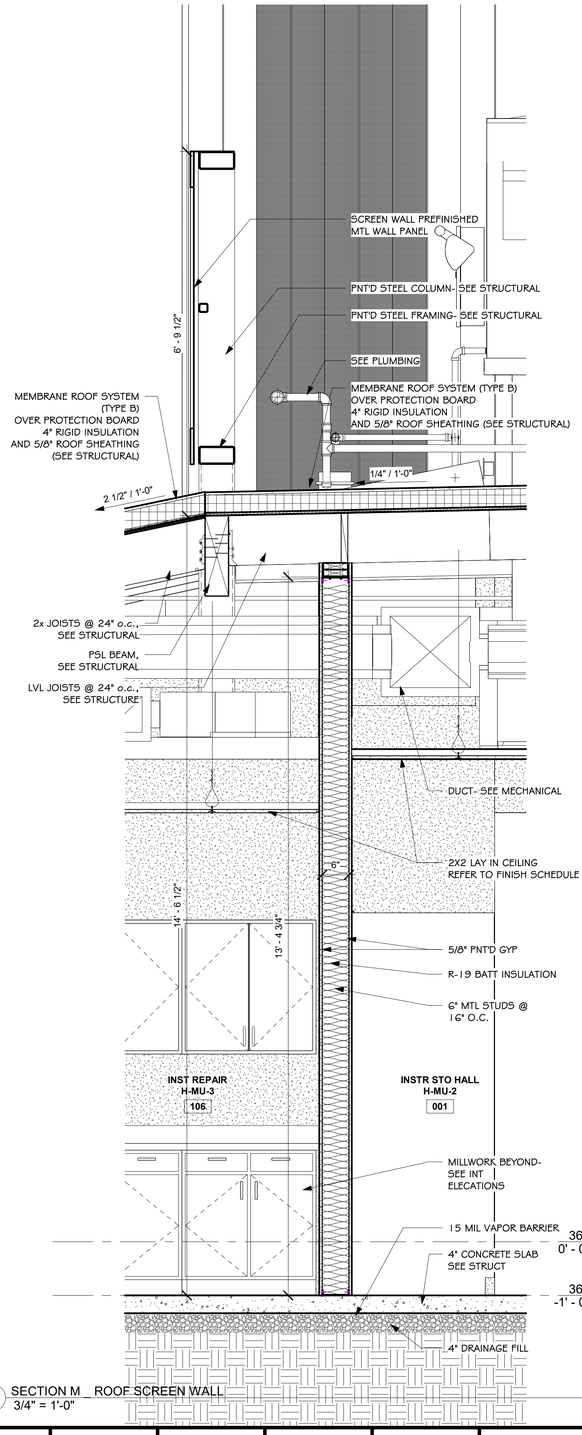
Copyright 2026 JBP

Jackson Brown Palculict
architects

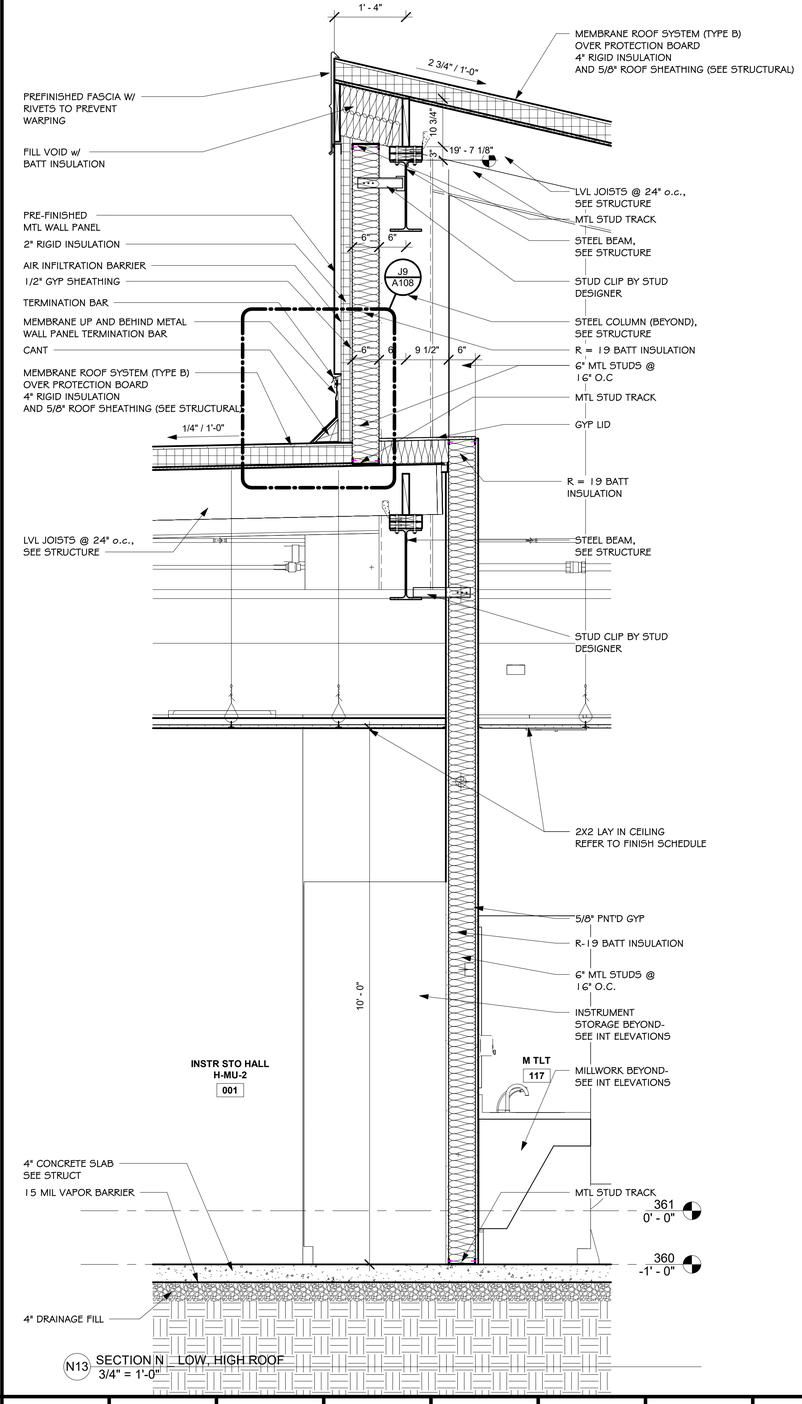
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com



N6 SECTION M ROOF SCREEN WALL
3/4" = 1'-0"



N13 SECTION N LOW, HIGH ROOF
3/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. 'CJ' INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. 'EJ' INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects — Registered Architects — Ark. No. C34 — 2/27/2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
WALL SECTIONS

Sheet Number
A406

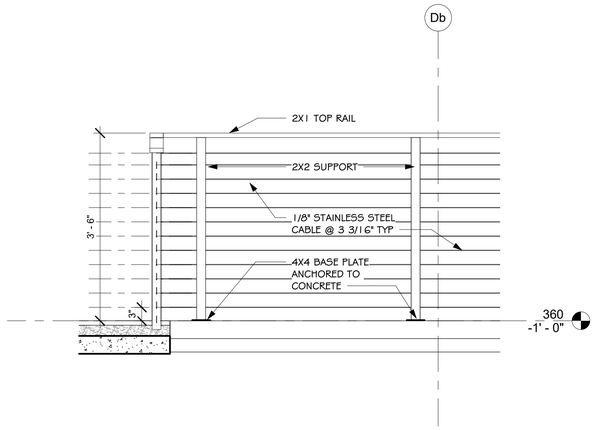
Copyright 2026 JBP

Jackson Brown Palculict
architects

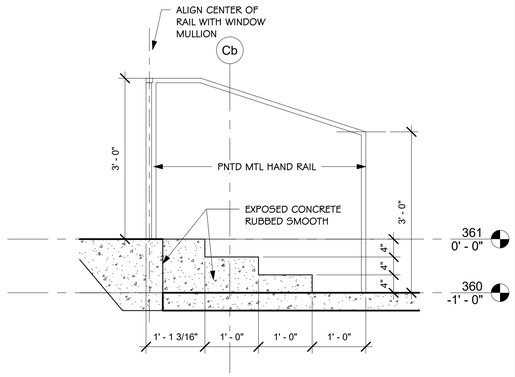
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

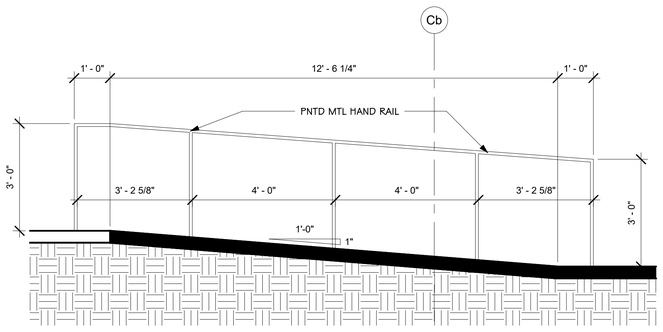
www.jbparchitects.com



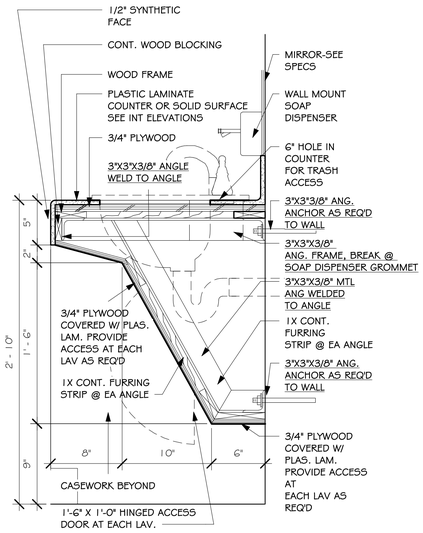
D1 EXTERIOR GUARD RAIL
3/4" = 1'-0"



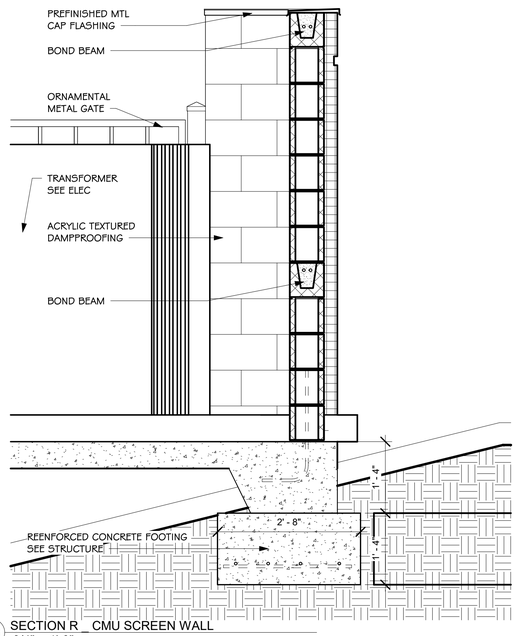
D9 INTERIOR GROUND MOUNTED HAND RAIL
3/4" = 1'-0"



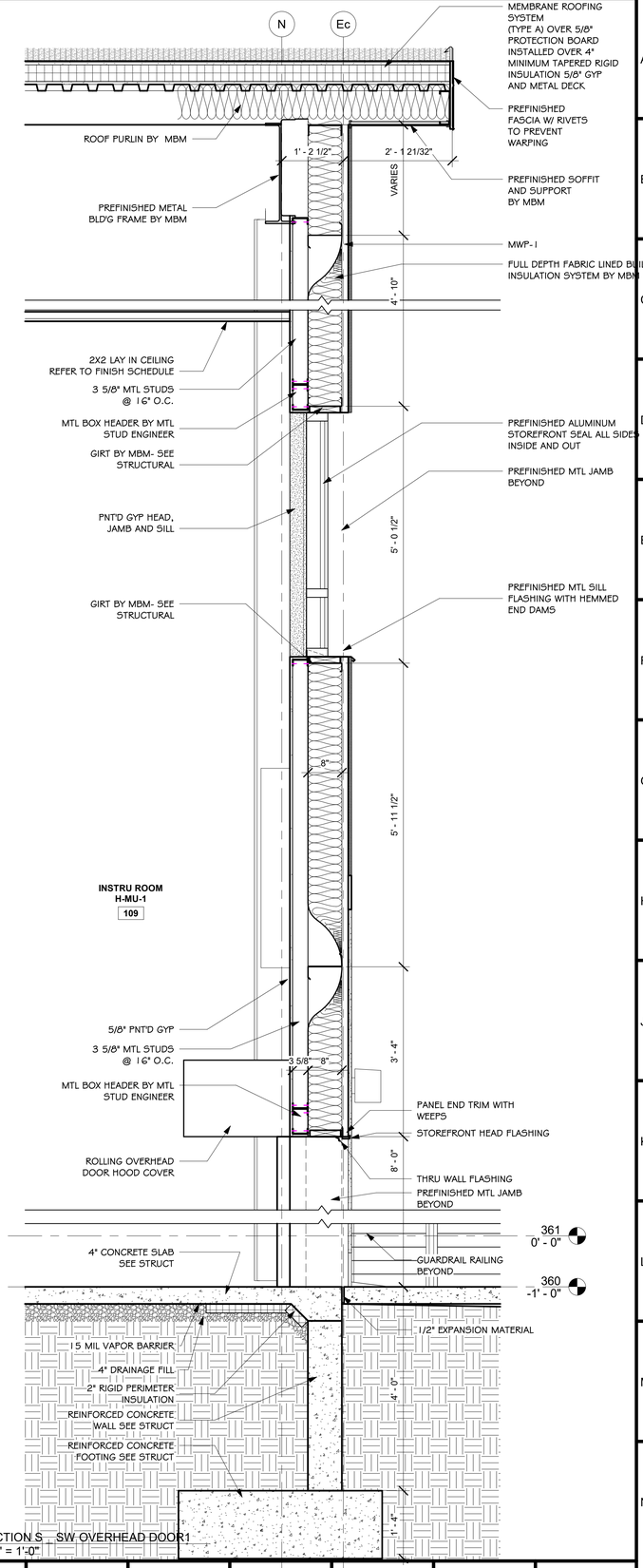
H1 RAMP - HANDRAIL
1/2" = 1'-0"



N1 RESTROOM ADA VANITY
1 1/2" = 1'-0"



N8 SECTION R _ CMU SCREEN WALL
3/4" = 1'-0"



N14 SECTION S _ SW OVERHEAD DOOR1
3/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. 'CJ' INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. 'EJ' INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects REGISTERED ARCHITECTS STATE OF ARKANSAS No. C34 2-27-2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
WALL SECTIONS

Sheet Number
A407

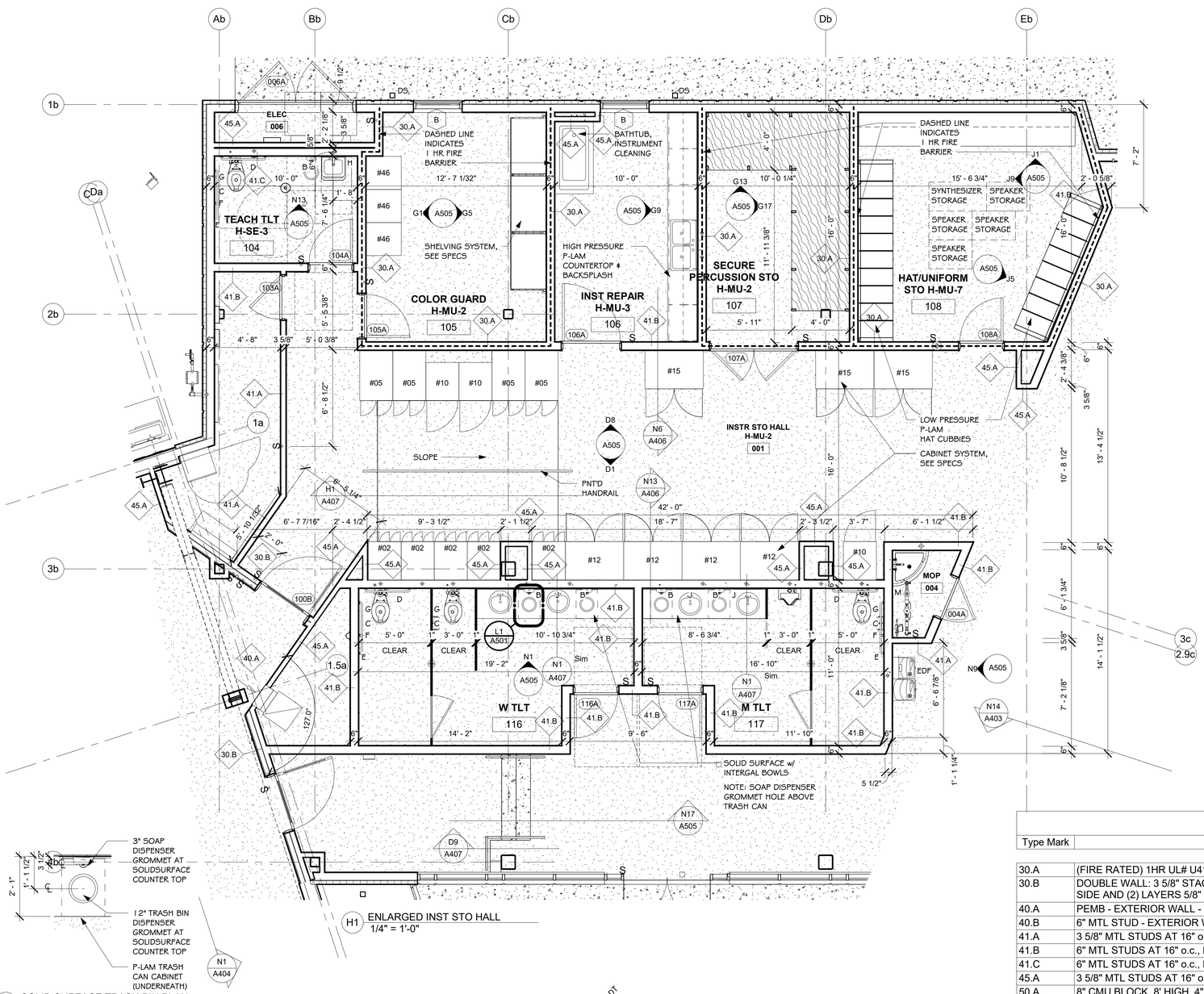
Copyright 2026 JBP

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

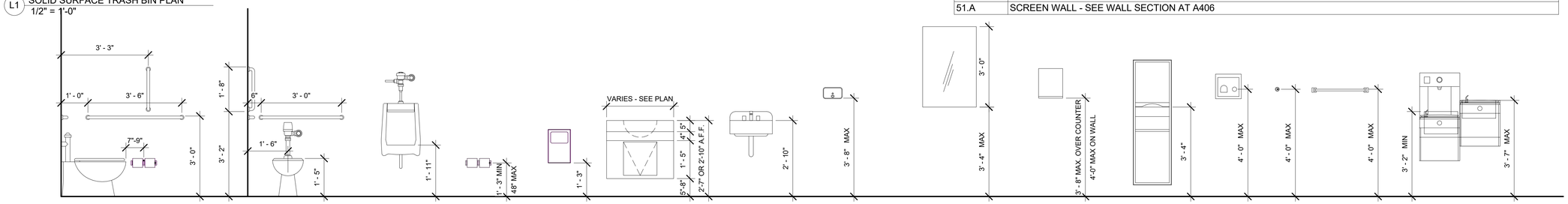
501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com



H1 ENLARGED INST STO HALL
1/4" = 1'-0"

L1 SOLID SURFACE TRASH BIN PLAN
1/2" = 1'-0"



TYPICAL TOILET FIXTURE HEIGHTS
1/2" = 1'-0"

PRE MANUF CABINETS			
Type Mark	Count	Manufacturer	Description
#02	5	Wenger Corporation	Wenger Acoustic Cabinet #02 - No Doors
#05	4	Wenger Corporation	Wenger Acoustic Cabinet #05 - No Doors
#7	1	Wenger Corporation	Wenger 7 Shelf Standard Music Library System
#10	3	Wenger Corporation	Wenger Acoustic Cabinet #10 - No Doors
#12	4	Wenger Corporation	Wenger Acoustic Cabinet #12 - No Doors
#15	3	Wenger Corporation	Wenger Acoustic Cabinet #15 - No Doors
#17	3	Wenger Corporation	Wenger UltraStor Cabinet #17 - No Doors
#46	3	Wenger Corporation	Wenger UltraStor Cabinet #46 - No Doors

Wall Tag Key	
Type Mark	Description
30.A	(FIRE RATED) 1HR UL# U419 - 6" MTL STUDS AT 16" o.c., R-19 BATT INSULATIION & PNT'D GYP BOTH SIDES - UP TO DECK
30.B	DOUBLE WALL: 3 5/8" STAGGERED MTL STUDS 3/8" APART WITH R13 SAB INSULATION. (1) LAYER 5/8" GYP ON ONE SIDE AND (2) LAYERS 5/8" GYP ONE SIDE TAPE AND FLOAT TO DECK, w/ ACOUSTIC SEALANT AT FLOOR
40.A	PEMB - EXTERIOR WALL - SEE WALL SECTIONS
40.B	6" MTL STUD - EXTERIOR WALL - SEE WALL SECTION AT A406
41.A	3 5/8" MTL STUDS AT 16" o.c., R-13 BATT INSULATION PNT'D GYP BOTH SIDES - UP TO DECK
41.B	6" MTL STUDS AT 16" o.c., R-19 BATT INSULATION PNT'D GYP BOTH SIDES - UP TO DECK
41.C	6" MTL STUDS AT 16" o.c., R-19 BATT INSULATION & PNT'D GYP AT FINISH SIDE - UP TO DECK
45.A	3 5/8" MTL STUDS AT 16" o.c., R-13 BATT INSULATION & PNT'D GYP AT FINISH SIDE - UP TO DECK
50.A	8" CMU BLOCK, 8' HIGH, 4" RIGID INSULATION w/ EIFS FINISH
51.A	SCREEN WALL - SEE WALL SECTION AT A406

General Notes

1. ALL DIMENSIONS ARE TO THE FACE OF STUD OR BLOCK
2. FIRE EXTINGUISHER CABINETS (FEC) ARE TO BE MOUNTED 48" A.F.F. TO THE TOP OF THE CABINET
3. ALL SWITCHES TO BE MOUNTED NO HIGHER THAN 48" A.F.F.
4. MOUNT THERMOSTATS 54" A.F.F. MAX
5. FURNITURE N.I.C. SHOWN FOR REFERENCE ONLY
6. ALL DOOR HARDWARE TO MEET ADA REQUIREMENTS
7. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
8. ALL EXTERIOR DOOR TO RECEIVE METAL THRESHOLD "MT"
9. A.T.P. INDICATES ADA TRAP PROTECTION, PROVIDE ON ALL EXPOSED SINK/LAV TRAPS
10. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS.
12. "CJ" INDICATES CONTROL JOINT, SEE SPECS FOR DESCRIPTION OF METHODS AND LOCATIONS.
13. * INDICATES WINDOWS THAT ARE TO RECEIVE BLINDS
14. DOWNSPOUTS ARE INDICATED AS "DS",
15. MB=MARKER BOARD
    TB=TACK BOARD
    SM= SMART BOARD
    ALL TO BE MOUNTED AT 2'-10" A.F.F.
    SMART BOARDS ARE OWNER FURNISHED & OWNER INSTALLED.
16. MT= METAL THRESHOLD - INSTALL AT ALL EXTERIOR DOORS
17. ALL STUD WALLS TO RECEIVE BATT INSULATION.

ACCESSORIES	
A	PAPER TOWEL DISPENSER
A.1	PAPER TOWEL DISPENSER AND RECEPTACLE
B	SOAP DISPENSER (WALL MOUNTED)
C	DOUBLE TOILET PAPER DISPENSER
D	36" GRAB BAR (MNT 10-12" FROM REAR WALL)
E	42" GRAB BAR (MNT 6" FROM SIDE WALL)
F	18" VERTICAL GRAB BAR
G.	SANITARY NAPKIN RECEPTACLE
H.	FRAMED MIRROR (24"X36")
J.	MIRROR
K.	NOT USED
L.	NOT USED
M.	MOP AND BROOM HOLDER

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECT
C34
2-27-2026
Arkansas

Jackson Brown Palculict
architects

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
ENLARGED PLANS

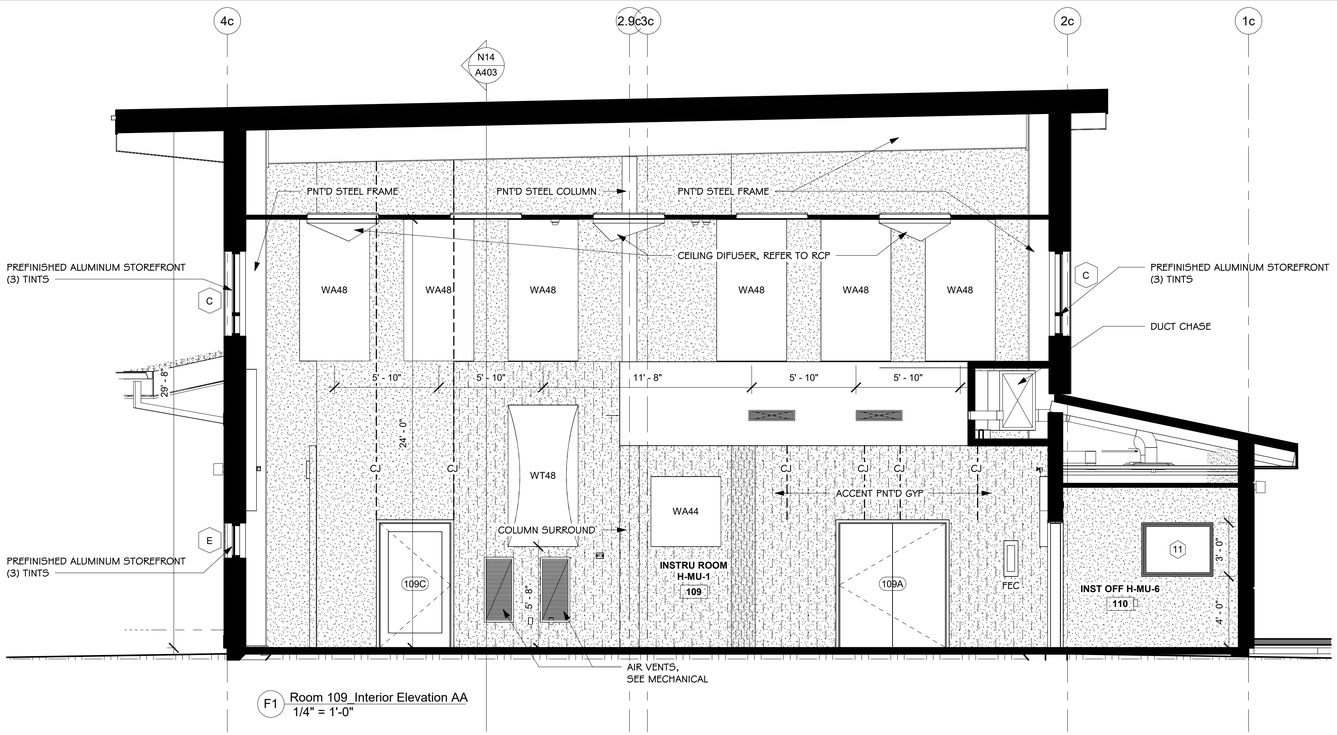
Sheet Number
A501

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

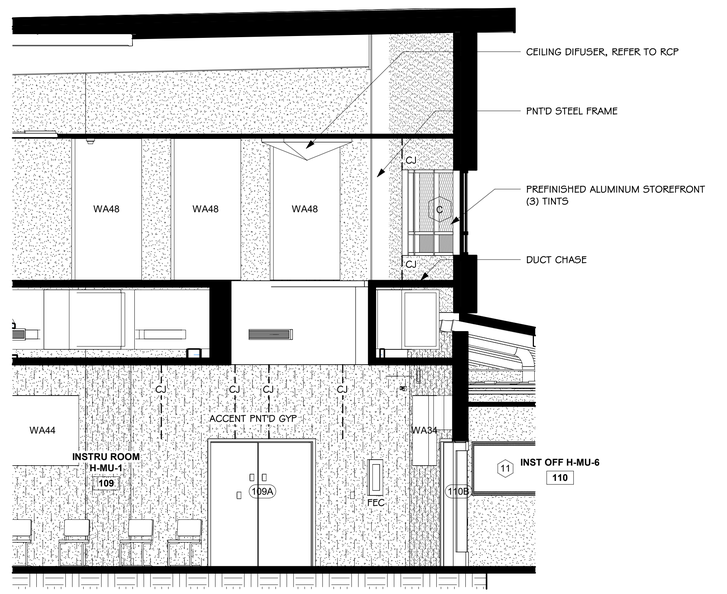
501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

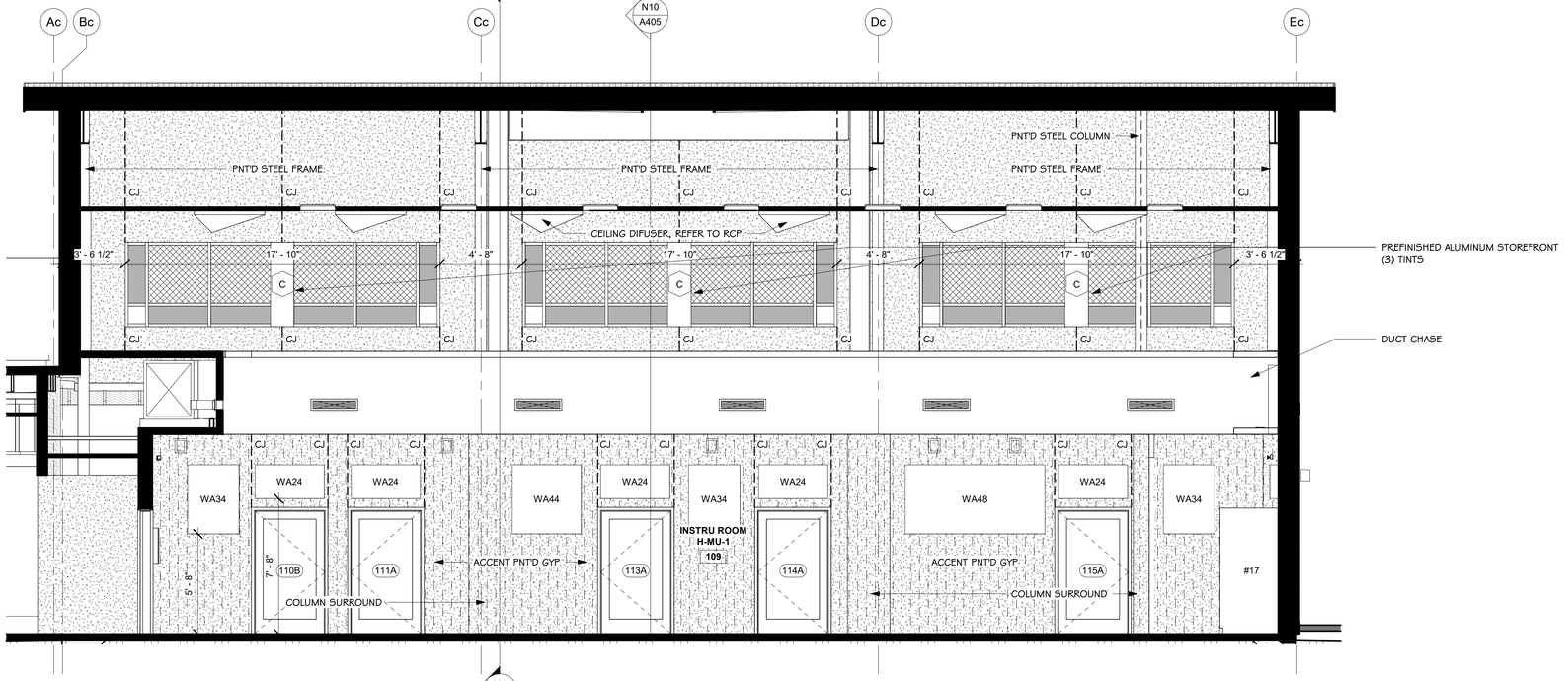
Copyright 2026 JBP



F1 Room 109_Interior Elevation AA
1/4" = 1'-0"



F8 Room 109_Interior Elevation BB
1/4" = 1'-0"



N1 Room 109_Interior Elevation DD
1/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

SOUND ABSORBING WALL UNIT SCHEDULE

"WA" INDICATES WALL ABSORBER, DIMS INDICATED BY #s
"WD" INDICATES WALL DIFFUSER TYPE I, DIMS INDICATED BY #s
"WT" INDICATES WALL DIFFUSER TYPE II, DIMS INDICATED BY #s

WALL ABSORBERS:
WA42 - INDICATES 4'x2' WALL ABSORBER
WA43 - INDICATES 4'x3' WALL ABSORBER
WA44 - INDICATES 4'x4' WALL ABSORBER
WA46 - INDICATES 4'x6' WALL ABSORBER
WA48 - INDICATES 4'x8' WALL ABSORBER

WALL DIFFUSER:
WD44 - INDICATES 4'x4' TYPE I WALL DIFFUSER
WT36 - INDICATES 3'x6' TYPE II WALL DIFFUSER
WT46 - INDICATES 4'x6' TYPE II WALL DIFFUSER
WT48 - INDICATES 4'x8' TYPE II WALL DIFFUSER

GREENBRIER HS
BAND BLDG

REGISTERED ARCHITECTS
C34
2/27/2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
INTERIOR ELEVATIONS

Sheet Number
A502

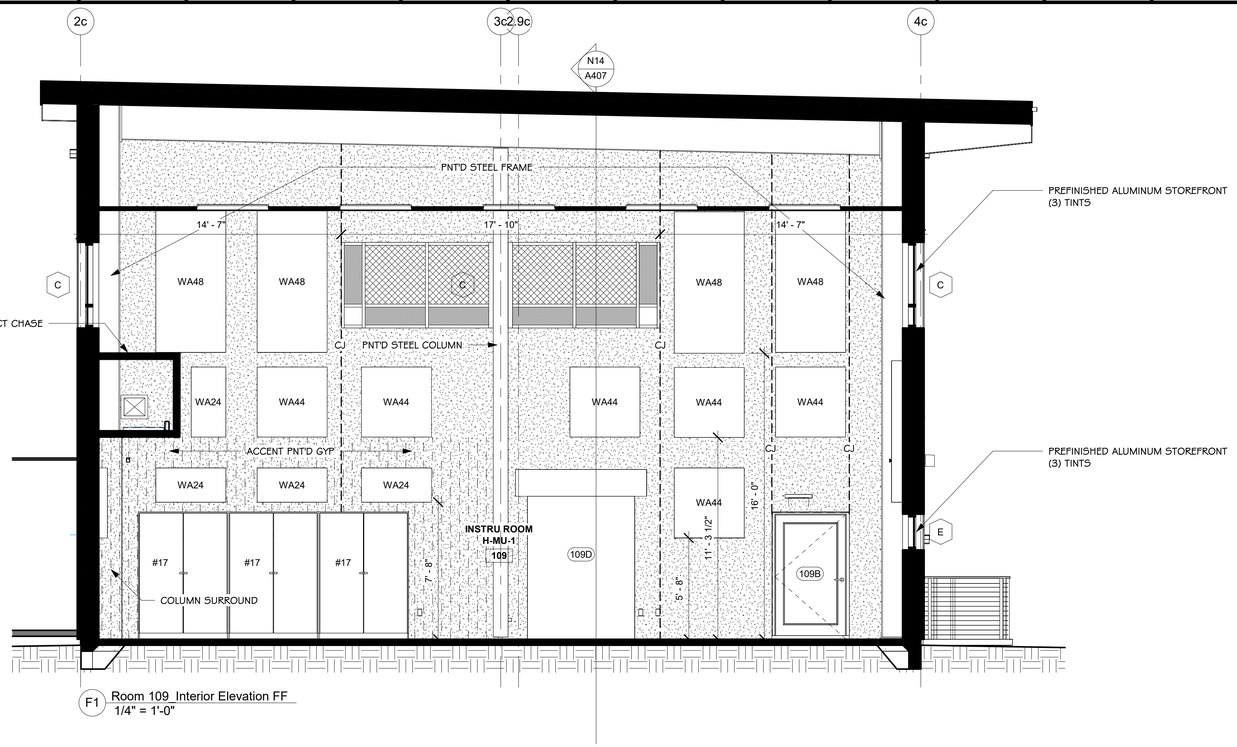
Copyright 2026 JBP

Jackson Brown Palculict
architects

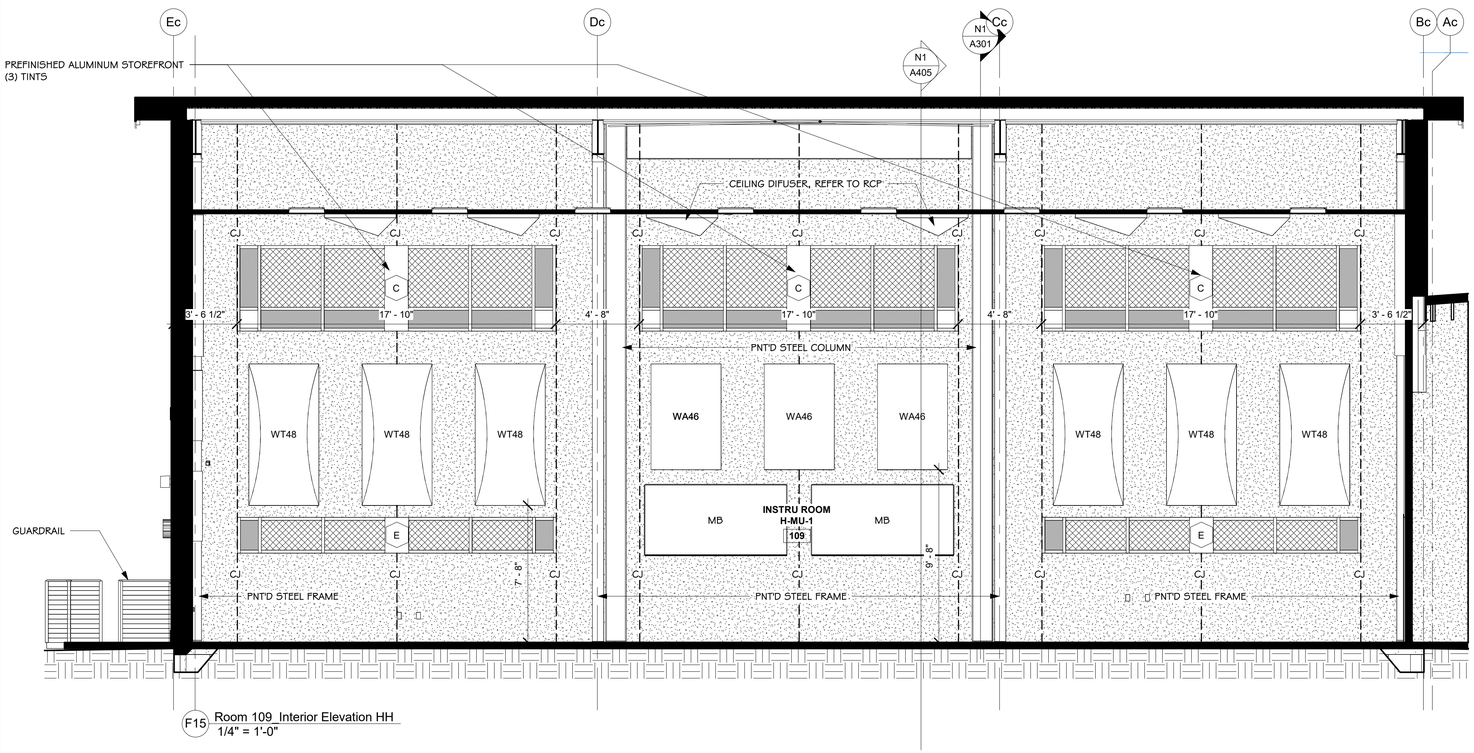
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com



F1 Room 109 Interior Elevation FF
1/4" = 1'-0"



F15 Room 109 Interior Elevation HH
1/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

SOUND ABSORBING WALL UNIT SCHEDULE

"WA" INDICATES WALL ABSORBER, DIMS INDICATED BY #s
"WD" INDICATES WALL DIFFUSER TYPE I, DIMS INDICATED BY #s
"WT" INDICATES WALL DIFFUSER TYPE II, DIMS INDICATED BY #s

WALL ABSORBERS:
WA42 - INDICATES 4'x2' WALL ABSORBER
WA43 - INDICATES 4'x3' WALL ABSORBER
WA44 - INDICATES 4'x4' WALL ABSORBER
WA46 - INDICATES 4'x6' WALL ABSORBER
WA48 - INDICATES 4'x8' WALL ABSORBER

WALL DIFFUSER:
WD44 - INDICATES 4'x4' TYPE I WALL DIFFUSER
WT36 - INDICATES 3'x6' TYPE II WALL DIFFUSER
WT46 - INDICATES 4'x6' TYPE II WALL DIFFUSER
WT48 - INDICATES 4'x8' TYPE II WALL DIFFUSER

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
Kevin M. Palculict
No. C34
2-27-2026
Kansas

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
INTERIOR ELEVATIONS

Sheet Number
A503

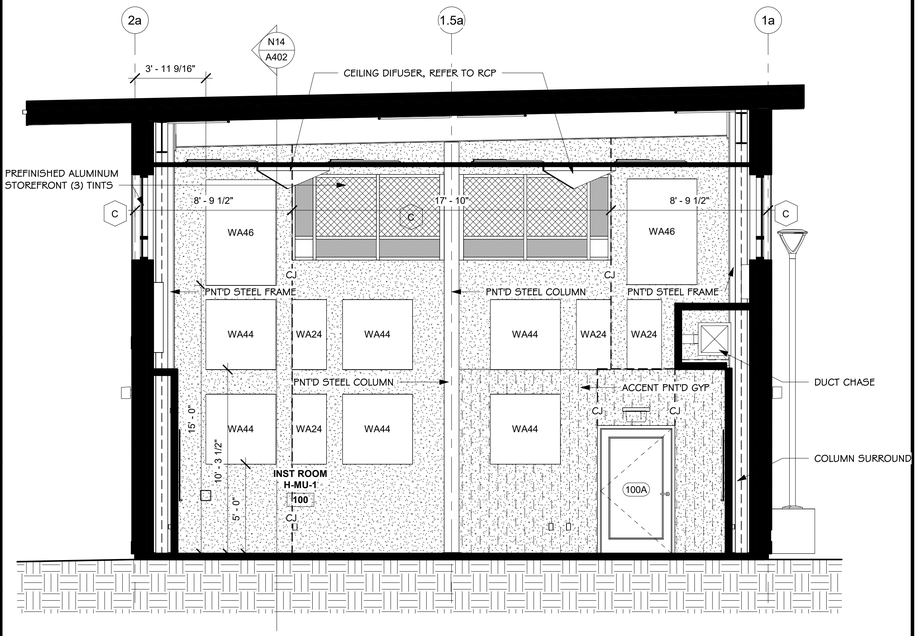
Copyright 2026 JBP

Jackson Brown Palculict
architects

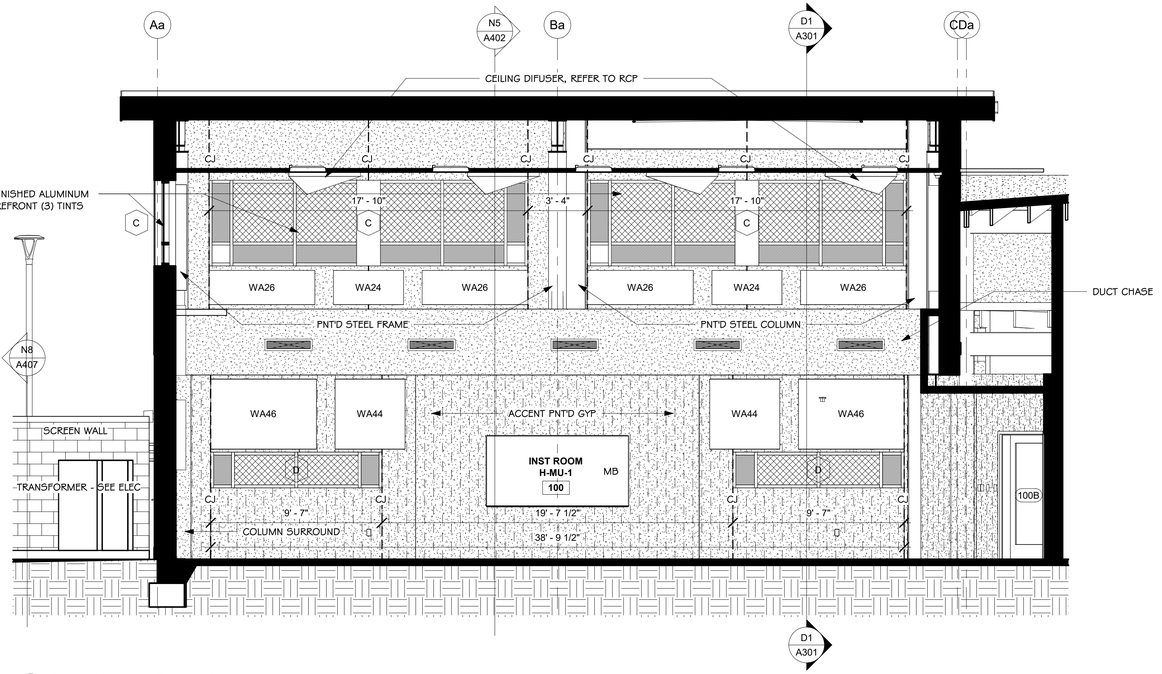
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

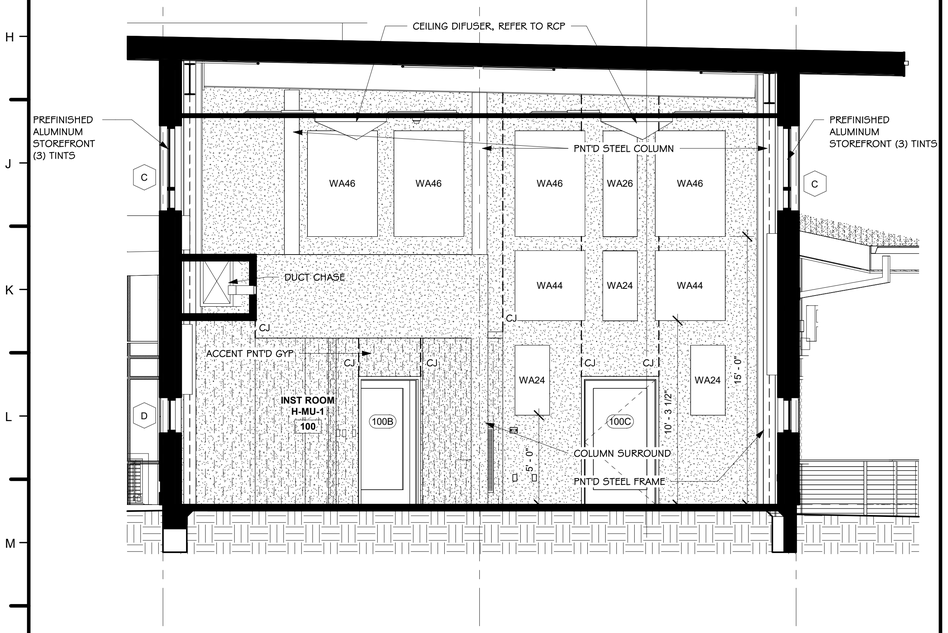
www.jbparchitects.com



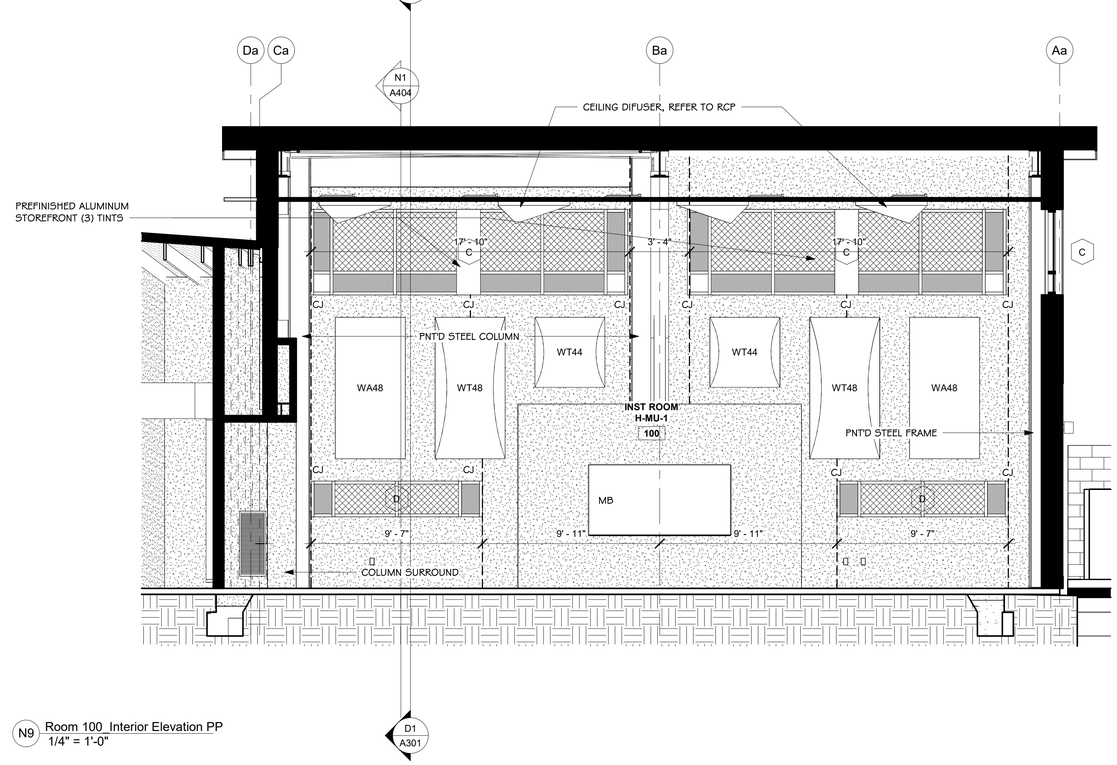
F1 Room 100_Interior Elevation OO
1/4" = 1'-0"



F15 Room 100_Interior Elevation MM
1/4" = 1'-0"



N1 Room 100_Interior Elevation NN
1/4" = 1'-0"



N9 Room 100_Interior Elevation PP
1/4" = 1'-0"

General Notes

1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINE, OR BUILDING LINE U.N.O.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. SEE CIVIL DRAWINGS FOR FINISH GRADING INFORMANTION

SOUND ABSORBING WALL UNIT SCHEDULE

"WA" INDICATES WALL ABSORBER, DIMS INDICATED BY #s
"WD" INDICATES WALL DIFFUSER TYPE I, DIMS INDICATED BY #s
"WT" INDICATES WALL DIFFUSER TYPE II, DIMS INDICATED BY #s

WALL ABSORBERS:
WA26 - INDICATES 2'x6' WALL ABSORBER
WA26 - INDICATES 2'x6' WALL ABSORBER
WA42 - INDICATES 4'x2' WALL ABSORBER
WA43 - INDICATES 4'x3' WALL ABSORBER
WA44 - INDICATES 4'x4' WALL ABSORBER
WA46 - INDICATES 4'x6' WALL ABSORBER
WA48 - INDICATES 4'x8' WALL ABSORBER

WALL DIFFUSER:
WD44 - INDICATES 4'x4' TYPE I WALL DIFFUSER
WT36 - INDICATES 3'x6' TYPE II WALL DIFFUSER
WT46 - INDICATES 4'x6' TYPE II WALL DIFFUSER
WT48 - INDICATES 4'x8' TYPE II WALL DIFFUSER

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
No. C34
2-27-2026

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
INTERIOR ELEVATIONS

Sheet Number
A504

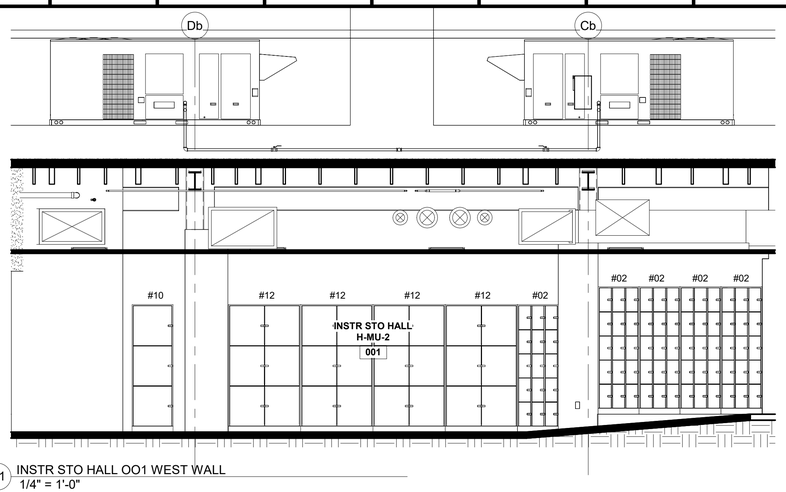
Copyright 2026 JBP

Jackson Brown Palculict
architects

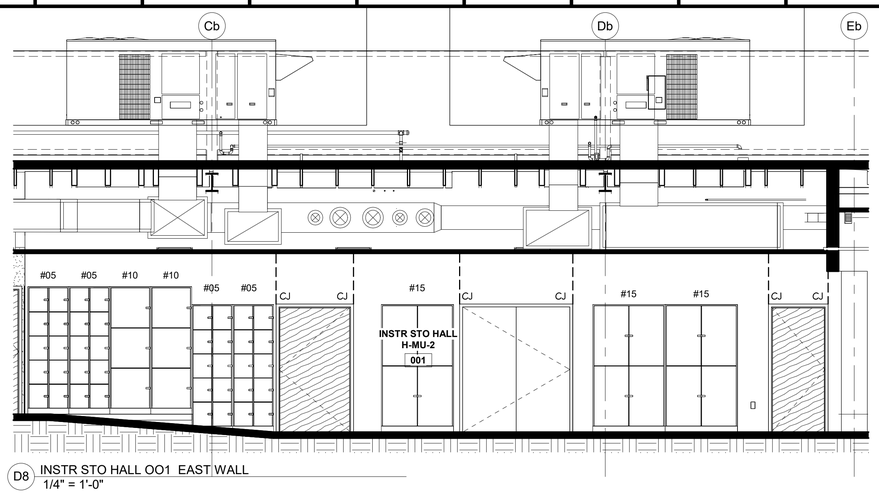
12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com



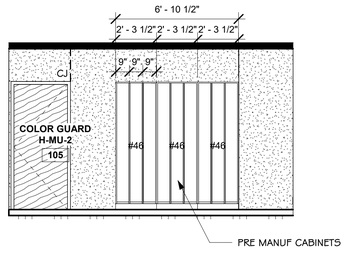
D1 INSTR STO HALL OO1 WEST WALL
1/4" = 1'-0"



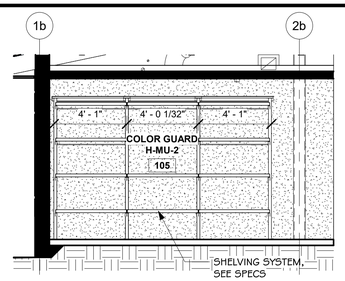
D8 INSTR STO HALL OO1 EAST WALL
1/4" = 1'-0"

General Notes

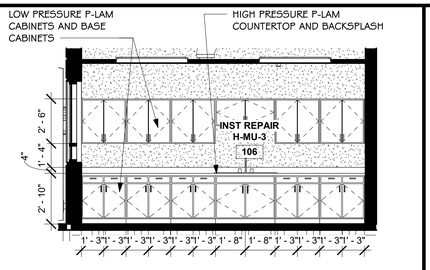
1. PROVIDE FIELD PAINTING OF HANGERS, EXPOSED STEEL, AND IRON WORK, OF PRIMED METAL SURFACES AND EXPOSED-TO-VIEW METAL SURFACES OF ITEMS, AS REQUIRED TO MATCH ADJACENT SURFACES AND EQUIPMENT INSTALLED UNDER MECHANICAL AND ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO, ALL EXPOSED CONDUIT, FIRE SPRINKLER PIPING HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN, PAINT IT. ARCHITECT TO SELECT COLOR OR COLORS
2. ALL DIMENSIONS ARE TO FACE OF STUD.
3. "CJ" INDICATES CONTROL JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
4. "EJ" INDICATES EXPANSION JOINT. SEE SPECIFICATIONS FOR DESCRIPTION OF METHODS AND LOCATIONS PERTAINING TO REQUIREMENTS.
5. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP, OR SIGNAGE
6. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS". INCLUDE UL NUMBERS TYPICAL OF ALL RATED WALLS.
7. FIRE EXTINGUISHER CABINETS (FEC) ARE TO BE MOUNTED 48" A.F.F. TO THE TOP OF THE CABINET.
8. FURNITURE N.I.C. SHOWN FOR REFERENCE ONLY.
9. ALL SWITCHES TO BE MOUNTED NO HIGHER THAN 48" A.F.F.
10. ALL DOOR HDWR TO MEET ADA REQUIREMENTS



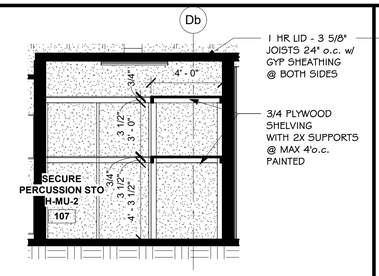
G1 COLOR GUARD 105 NORTH WALL
1/4" = 1'-0"



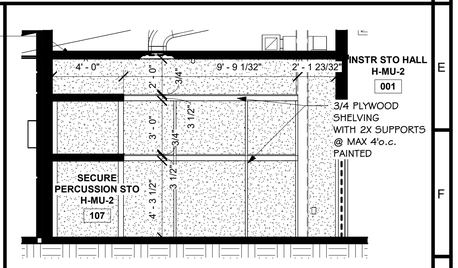
G5 COLOR GUARD 105 SOUTH WALL
1/4" = 1'-0"



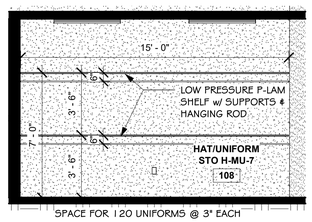
G9 INST REPAIR 106 SOUTH WALL
1/4" = 1'-0"



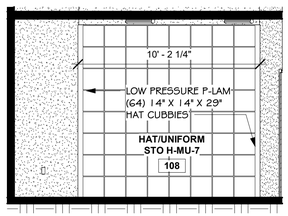
G13 SECURE PERCUSSION STO 107 EAST WALL
1/4" = 1'-0"



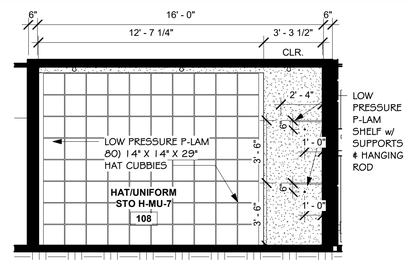
G17 SECURE PERCUSSION STO 107 SOUTH WALL
1/4" = 1'-0"



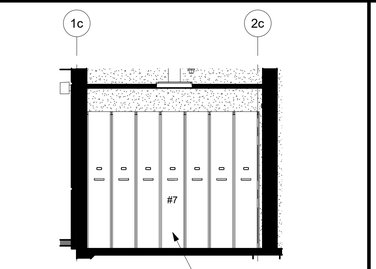
J1 HAT/UNIFORM STO 108 EAST WALL
1/4" = 1'-0"



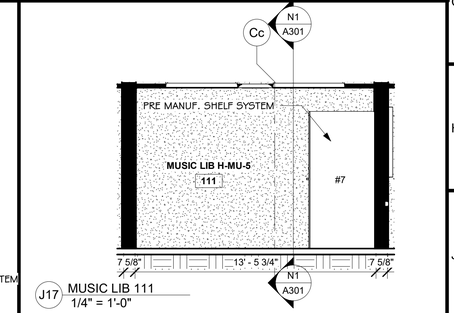
J5 HAT/UNIFORM STO 108 SOUTH WALL
1/4" = 1'-0"



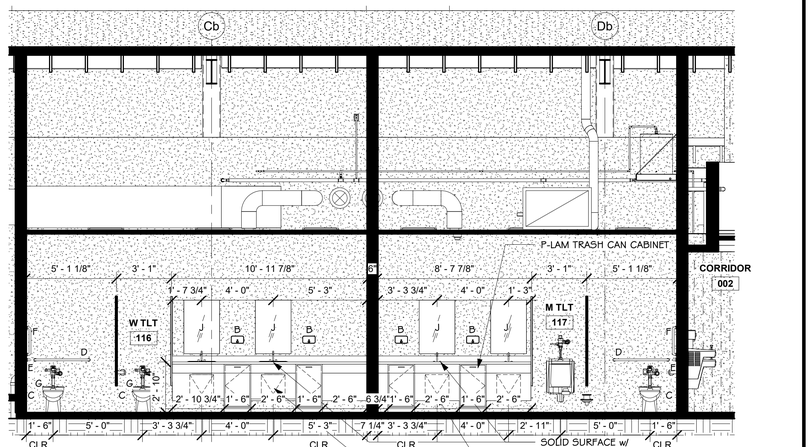
J9 HAT/UNIFORM STO 108 NORTH WALL
1/4" = 1'-0"



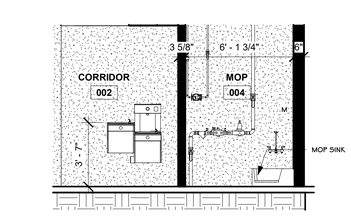
J13 MUSIC LIB 11 ELEVATION 2
1/4" = 1'-0"



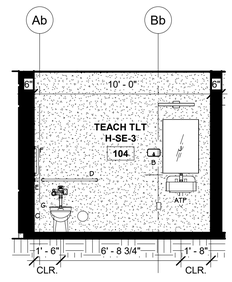
J17 MUSIC LIB 111
1/4" = 1'-0"



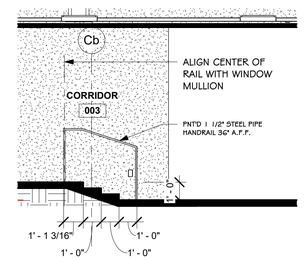
N1 W TLT 116 & M TLT 117
1/4" = 1'-0"



N9 Elevation 5 - a
1/4" = 1'-0"



N13 TEACH TLT 104
1/4" = 1'-0"



N17 Section 18
1/4" = 1'-0"

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects

REGISTERED ARCHITECTS
Jason Palculict
ARK. REG. NO. C34
2-27-2026
Arkansas

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
INTERIOR ELEVATIONS

Sheet Number
A505

Copyright 2026 JBP

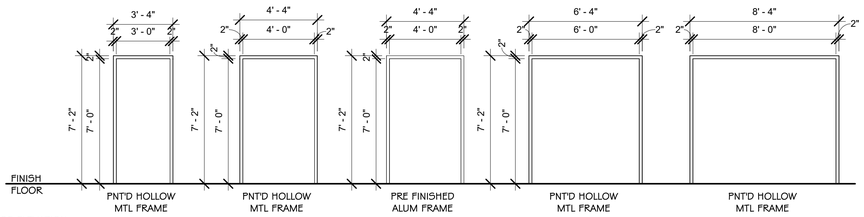
Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

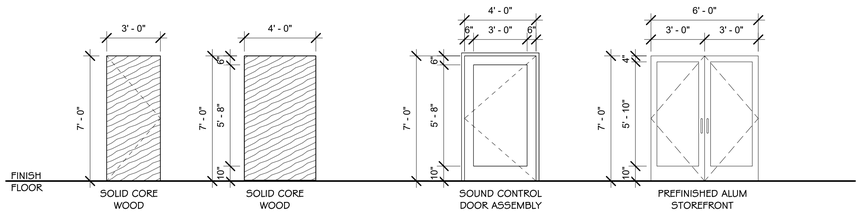
501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

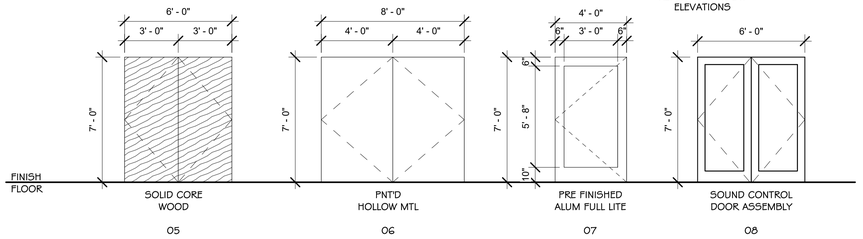
FRAME ELEVATION
SCALE: 1/4" = 1' - 0"



DOOR ELEVATION
SCALE: 1/4" = 1' - 0"



REFER TO WINDOW ELEVATIONS



Door Schedule

Oppening Mark	Room Name	Oppening Size	Oppening Wall Depth	Door Panels / Frames Type Thickness	Door Panel	Door Frame	ADDITIONAL SPECS Hardware	Fire Rating	Access Control	MIN STC 45	Comments
003A	CORRIDOR 003	6' - 0" x 8' - 0"			04	SF	1		Yes	No	STOREFRONT
004A	MOP	3' - 0" x 7' - 0"	0' - 7 1/4"	0' - 1 3/4"	01	A	4		No	No	
006A	ELEC 006	8' - 0" x 7' - 0"	0' - 10 1/8"	0' - 1 3/4"	06	E	2		No	No	
007A	VESTIBULE 007	6' - 0" x 7' - 0"			04	SF	1		Yes	No	STOREFRONT
100A	INST ROOM H-MU-1 100	4' - 0" x 7' - 0"		0' - 1 3/4"	07	C	3		Yes	No	STOREFRONT
100B	INST ROOM H-MU-1 100	4' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	03	B	by manuf		No	Yes	SOUND CONTROL
100C	INST ROOM H-MU-1 100	4' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	03	B	by manuf		No	Yes	SOUND CONTROL
103A	DATA/TELE COM 103	3' - 0" x 7' - 0"	0' - 4 7/8"	0' - 1 3/4"	01	A	4		No	No	
104A	TEACH TLT 104	3' - 0" x 7' - 0"	0' - 7 1/4"	0' - 1 3/4"	01	A	6		No	No	
105A	COLOR GUARD 105	3' - 0" x 7' - 0"	0' - 7 1/4"	0' - 1 3/4"	01	A	4		No	No	3/4 hr door
106A	INST REPAIR 106	4' - 0" x 7' - 0"	0' - 7 1/4"	0' - 1 3/4"	02	B	4		No	No	
107A	SECURE PERCUSSION STO 107	6' - 0" x 7' - 0"	0' - 7 1/4"	0' - 1 3/4"	05	D	5		No	No	3/4 hr door
108A	HAT/UNIFORM STO 108	3' - 0" x 7' - 0"	0' - 7 1/4"	0' - 1 3/4"	01	A	4		No	No	3/4 hr door
109A	INST ROOM H-MU-109	6' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	05	D	by manuf		No	Yes	SOUND CONTROL
109B	INST ROOM H-MU-109	4' - 0" x 7' - 0"		0' - 1 3/4"	07	C	3		Yes	No	STOREFRONT
109C	INST ROOM H-MU-109	4' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	03	B	by manuf		No	Yes	SOUND CONTROL
109D	INST ROOM H-MU-109	6' - 0" x 8' - 0"		0' - 3"	by manuf	by manuf	by manuf		No	No	OVER HEAD DOOR
110B	INST OFFICE 110	4' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	03	B	6		No	Yes	SOUND CONTROL
111A	MUSIC LIB 111	4' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	03	B	by manuf		No	Yes	SOUND CONTROL
113A	PRAC H-MU-13 113	4' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	03	B	by manuf		No	Yes	SOUND CONTROL
114A	PRAC H-MU-13 114	4' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	03	B	by manuf		No	Yes	SOUND CONTROL
115A	PRAC H-MU-13 115	4' - 0" x 7' - 0"	0' - 9 1/2"	0' - 1 3/4"	03	B	by manuf		No	Yes	SOUND CONTROL
116A	W TLT 116	3' - 0" x 7' - 0"	0' - 7 1/4"	0' - 1 3/4"	01	A	7		No	No	
117A	M TLT 117	3' - 0" x 7' - 0"	0' - 7 1/4"	0' - 1 3/4"	01	A	7		No	No	

Room Finish Schedule

Number	Name	Floor Finish	Base Finish	N Wall Finish	E Wall Finish	S Wall Finish	W Wall Finish	Ceiling Finish	Ceiling Height	Comments
001	INSTR STO HALL H-MU-2	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-2	9'-0"	
002	CORRIDOR	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-2	10'-0"	
003	CORRIDOR	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-2	10'-0"	
004	MOP	SC	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-2	8'-0"	
006	ELEC	SC	RUBBER	PGWB	PGWB	PGWB	PGWB	OTS	OTS	
007	VESTIBULE	EC	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-1	11'-0"	
100	INST ROOM H-MU-1	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-3, CEILING DIFFUSERS	21'-8"	
103	DATA/TELE COM	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-2	9'-0"	1 LAYER PLYWOOD BEHIND GYP NORTH WALL
104	TEACH TLT H-SE-3	CT	CT	EPXPGWB	EPXPGWB	EPXPGWB	EPXPGWB	ACT-2	9'-0"	
105	COLOR GUARD H-MU-2	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	PGWB	10'-0"	
106	INST REPAIR H-MU-3	LVT	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-2	9'-0"	
107	SECURE PERCUSSION STO H-MU-2	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	PGWB	10'-0"	
108	HAT/UNIFORM STO H-MU-7	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	PGWB	10'-0"	
109	INSTRU ROOM H-MU-1	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-3, CEILING DIFFUSERS		
110	INST OFF H-MU-6	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-1	9'-0"	
111	MUSIC LIB H-MU-5	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-1	9'-0"	
113	PRAC H-MU-13	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-3	9'-0"	
114	PRAC H-MU-13	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-3	9'-0"	
115	PRAC H-MU-13	MOD	RUBBER	PGWB	PGWB	PGWB	PGWB	ACT-3	9'-0"	
116	W TLT	CT	CT	EPXPGWB	CT/EPXPGWB	EPXPGWB	EPXPGWB	ACT-2	9'-0"	
117	M TLT	CT	CT	EPXPGWB	CT/EPXPGWB	EPXPGWB	EPXPGWB	ACT-2	9'-0"	

General Notes

LEGEND

FLOOR MATERIALS
MOD MODULAR FLOORING TILES
SC: SEALED CONC
EC: ENTRY CARPET

BASE MATERIALS
TIL: TILE
RUB: RUBBER

WALL MATERIALS
PGWB: PAINTED GYPSUM WALL BOARD
EPXPGWB: EPOXY PAINTED GYPSUM WALL BOARD

WALL MATERIALS
ACT-1: CEILING SYSTEM #1
ACT-2: CEILING SYSTEM #2
ACT-3: CEILING SYSTEM #3
OTS : OPEN TO STRUCTURE
PGWB: PAINTED GYPSUM WALL BOARD

SEE REFLECTED CEILING PLAN FOR OTHER MATERIALS AND LAY-OUT

GREENBRIER HS BAND BLDG

Jackson Brown Palculict Architects
REGISTERED ARCHITECTS
NO. C34
2-27-2026
JOHNSON

Date
2/27/2026
Revisions

JOB NUMBER 2502

Sheet Title
DOOR & ROOM SCHEDULE

Sheet Number
A601

Copyright 2026 JBP

Jackson Brown Palculict
architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223

501.664.8700 tel
501.664.5189 fax

www.jbparchitects.com

POWER AND LIGHTING LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION
(L)	FIXTURE DESIGNATION
	2x4 LAY-IN OR SURFACE MOUNTED FIXTURE
	2x4 LAY-IN OR SURFACE MOUNTED FIXTURE; SHADING INDICATES EMERGENCY POWERED BATTERY
	2x2 LAY-IN OR SURFACE MOUNTED FIXTURE
	2x2 LAY-IN OR SURFACE MOUNTED FIXTURE; SHADING INDICATES EMERGENCY POWERED BATTERY
	SURFACE OR STRIP FIXTURE
	RECESSED STRIP FIXTURE; SHADING INDICATES EMERGENCY POWERED BATTERY
	RECESSED DOWNLIGHT
	RECESSED DOWNLIGHT; SHADING INDICATES EMERGENCY POWERED BATTERY
	WALL-MOUNTED LINEAR FIXTURE
	DOWNLIGHT FIXTURE
	DOWNLIGHT FIXTURE. SHADING INDICATES EMERGENCY POWERED BATTERY
	WALL-MOUNTED FIXTURE
	EXIT SIGN; LED TYPE. DARKENED AREA INDICATES FACE. ARROWS INDICATE DIRECTION OF EGRESS
	RECESSED ELECTRICAL PANEL WITH REQUIRED CLEARANCE
	SURFACE MOUNTED ELECTRICAL PANEL WITH REQUIRED CLEARANCE
	COMBINATION STARTER DISCONNECT SWITCH
	NON FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MOTOR STARTER
M	ELECTRIC MOTOR, HORSEPOWER AS SHOWN.
J	JUNCTION BOX
J XYZ	SPECIALTY JUNCTION BOX WITH DESIGNATION "XYZ". REFER TO JBOX ABBREVIATION LEGEND.

POWER -- J-BOX ABBREVIATION SCHEDULE

DO	DOOR OPENER ACTUATOR
PB	DOOR OPENER PUSH BUTTON
LV	LOW VOLTAGE BATHROOM SENSORS. REF 5-P203.
OH	OH DOOR
SIGN	POWER FOR BACKLIT SIGNAGE

DATA DEVICES

T A E	TELEPHONE OUTLET; ABOVE COUNTER, & FIREMAN'S
D A C	DATA OUTLET; ABOVE COUNTER & CEILING MOUNTED
T A	COMBINATION DATA/TELEPHONE OUTLET & COMBINATION DATA/TELEPHONE OUTLET ABOVE COUNTER
TV/84"	TELEVISION OUTLET WITH HEIGHT A.F.F. DESIGNATION

ABBREVIATION OR SYMBOL	DESCRIPTION

FLOOR BOXES

FLOOR/WALL BOX WITH DESIGNATION "XYZ". REFER TO FLOOR/WALL BOX ABBREVIATION SCHEDULE.

XYZ

(1) (2) (4) (3)
(1) DUPLEX RECEPTACLE
(2) GFI DUPLEX RECEPTACLE
(3) QUADRUPLEX RECEPTACLE
(4) GFI QUADRUPLEX RECEPTACLE

(6) (7) A/V (9) (8)
(6) TELEPHONE OUTLET
(7) DATA OUTLET
(8) COMBO TELE/DATA OUTLET
(9) AUDIO VISUAL

POWER -- FLOOR/WALL BOX ABBREVIATION SCHEDULE

DUPLEX	QUADRUPLEX	
		STANDARD
		ABOVE COUNTER
		GFCI
		GFCI ABOVE COUNTER
		WEATHER PROOF
		CEILING MOUNT

ABC — MULTI POLE RECEPTACLE. REFER TO RECEPTACLE ABBREVIATION LEGEND FOR DETAILS.

XYZ — SIMPLEX RECEPTACLE. REFER TO RECEPTACLE ABBREVIATION LEGEND FOR DETAILS.

SPECIALTY RECEPTACLES WITH DESIGNATION "XYZ", "ABC", etc. REFER TO RECEPTACLE ABBREVIATION LEGEND BELOW.

POWER -- RECEPTACLE ABBREVIATION LEGEND

EWC	ELECTRICAL WATER COOLER
RP	RECIRCULATION PUMP OUTLET. MOUNT 5'0" AFF.

ROOM CONTROLLERS / POWER PACKS

P XX	SPECIALTY POWER PACK WITH DESIGNATION "XX", REFER TO ABBREVIATION LEGEND BELOW.
R XX	SPECIALTY ROOM CONTROLLER WITH DESIGNATION "XX", REFER TO ABBREVIATION LEGEND BELOW.

LIGHTING -- ROOM CONTROLLER ABBREVIATION SCHEDULE

WC	WATTSTOPPER LMRC-211: SINGLE RELAY 0-10V DIMMING ROOM CONTROLLER. PROVIDE 0-10V CABLING TO EACH FIXTURE CONNECTED TO DIMMING ROOM CONTROLLER.
WA	WATTSTOPPER LRMC-101: SINGLE RELAY ROOM CONTROLLER
WD	WATTSTOPPER LMRC-212: DUAL RELAY 0-10V DIMMING ROOM CONTROLLER. PROVIDE 0-10V CABLING TO EACH FIXTURE CONNECTED TO DIMMING ROOM CONTROLLER.

ABBREVIATION OR SYMBOL	DESCRIPTION

SWITCHES

S	SINGLE POLE LIGHT SWITCH
S_M	PADLOCKABLE HP RATED SWITCH
S_X	SPECIALTY SWITCH. FOR "X" DESIGNATION, SEE LIGHTING SWITCH ABBREVIATION SCHEDULE BELOW.

LIGHTING -- SWITCH ABBREVIATION SCHEDULE

WA	LMSW-101: SINGLE BUTTON DIGITAL WALL SWITCH
WC	WATTSTOPPER LMSW-103: THREE BUTTON DIGITAL WALL SWITCH
WF	WATTSTOPPER LMDM-101: DIMMING DIGITAL WALL SWITCH
WJ	WATTSTOPPER PW-301: PASSIVE INFRARED WALL OCCUPANCY SENSOR SWITCH

ELECTRICAL GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL COMPLY WITH ALL LOCAL CODES, AUTHORITIES HAVING JURISDICTION, DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES ARE FOUND - THE MOST STRINGENT REQUIREMENT SHALL GOVERN WORK.
2. REFER TO SPECIFICATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
4. PRIOR TO BID, CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIED REFERENCE PRODUCTS, THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES. IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID OR SUBMITTED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID.
6. REFER TO ELECTRICAL SCHEDULES AND SPECIFICATIONS FOR BASIS OF DESIGN, ACCEPTABLE MANUFACTURERS, AND MODELS OF ELECTRICAL FIXTURES AND EQUIPMENT.
7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, DEVICE, OPTION, FITTING, OR COMPONENT. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
8. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
9. ALL ELECTRICAL CONDUIT SHALL BE ¾" OR GREATER.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ALL CONSTRUCTION DOCUMENTS FOR COMPLETE INFORMATION PRIOR TO BID.
11. NO ELECTRICAL SYSTEMS SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL ROOF PENETRATIONS AIR AND WATER TIGHT.
13. CLOSELY COORDINATE FINAL LOCATIONS OF INSTALLED EQUIPMENT TO ACHIEVE THE GREATEST ACCESSIBILITY FOR MAINTENANCE.
14. CONTRACTOR SHALL VISIT THE SITE TO ESTABLISH THE EXISTING CONDITIONS PRIOR TO CONDUIT OR ELECTRICAL EQUIPMENT FABRICATION. SYSTEMS SHALL BE ERECTED USING FIELD MEASUREMENTS FOR COORDINATION WITH THE EXISTING EQUIPMENT, STRUCTURE, FIRE PROTECTION AND ELECTRICAL.
15. ALL EQUIPMENT, DEVICES, AND FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
16. EXPOSED CONDUIT AND MC CABLE SHALL BE FURNISHED SUITABLE FOR PAINTING, AND SHALL BE PAINTED AS REQUIRED BY ARCHITECTURAL SPECIFICATIONS.
17. PROVIDE ALL FITTINGS, COUPLINGS, AND OTHER ACCESSORIES NEEDED TO COMPLETE CONNECTIONS AND PROVIDE FOR PROPER OPERATION OF ELECTRICAL FIXTURES AND ELECTRICAL EQUIPMENT.
18. REFER TO ELECTRICAL SPECIFICATIONS FOR CONDUIT MATERIALS AND INSTALLATION REQUIREMENTS.
19. FIRE STOP ALL CONDUIT PENETRATIONS THROUGH RATED WALLS. REFER TO SPECIFICATIONS.
20. REFER TO ARCHITECTURAL PLANS FOR CEILING GRILL AND LIGHT FIXTURE LOCATIONS, FOR CEILING TYPE, AND FOR MOUNTING REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND INSTALL ALL LIGHTS WITH MOUNTING DESIGNED FOR MOUNTING SURFACE TYPE.
21. PROVIDE CONCRETE PADS FOR ALL GROUND MOUNTED EQUIPMENT.
22. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.
23. CONTRACTOR SHALL PATCH ALL WALLS, FLOORS, AND CEILINGS TO MATCH NEW/EXISTING FOR OPENINGS CREATED BY INSTALLATION OF EQUIPMENT AND ELECTRICAL SERVICE PENETRATIONS.
24. ALL HVAC WITH ELECTRICAL REQUIREMENTS SHALL BE INSTALLED WITH ELECTRICAL INFRASTRUCTURE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM. IF NOT SPECIFICALLY SHOWN ON ELECTRICAL SCHEDULE, HVAC FIXTURES REQUIRING ELECTRICAL SERVICE SHALL BE FED FROM BREAKER OF ADEQUATE CAPACITY.
25. REFER TO STRUCTURAL ENGINEERING CONTRACT FOR PROJECT SEISMIC DESIGN CRITERIA. PROVIDE VIBRATION ISOLATION AND SEISMIC RESTRAINT FOR EQUIPMENT AND CONDUIT AS REQUIRED.
26.

ABBREVIATION OR SYMBOL	DESCRIPTION

SENSORS

XX	SPECIALTY CEILING MOUNT SENSOR WITH DESIGNATION "XX", REFER TO ABBREVIATION LEGEND BELOW.
XX	SPECIALTY CORNER MOUNT SENSOR WITH DESIGNATION "XX", REFER TO ABBREVIATION LEGEND BELOW.

LIGHTING -- SENSOR ABBREVIATION SCHEDULE

DT	DIGITAL DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSOR
DX	LMDX - 100 DUAL TECHNOLOGY WALL MOUNT OCCUPANCY SENSOR AT 10' AFF.

COMMUNICATIONS DEVICES

I	INTERCOM STATION
I_M	MASTER INTERCOM STATION
C	CLOCK
C_D	CLOCK, DUAL SIDED
C_{WG}	CLOCK, WITH WIREGUARD
H	HORN SPEAKER
H_{WP}	HORN SPEAKER - WEATHERPROOF
P	PAGING SPEAKER
C	CAMERA WITH PAN, TILT, & ZOOM
C_{WP}	CAMERA - WEATHERPROOF WITH PAN, TILT, & ZOOM
J_V J_A	SPECIAL SYSTEMS JUNCTION BOX ABOVE CEILING. ROUTE 1" C WITH PULL STRING TO DATA/ELECTRICAL ROOM. (V) VIDEO, (A) ALARM/ACCESS
A	ACCESS CONTROL - PROVIDE ACCESS CONTROL ROUGH-IN AT DOOR. REFER TO DETAILS FOR ACCESS CONTROL ROUGH-IN REQUIREMENTS.
D	MAGNETIC DOOR HOLDER
F	FIRE ALARM PULL STATION
F	FIRE ALARM COMBINATION HORN/STROBE DEVICE
S	FIRE ALARM COMBINATION SPEAKER/STROBE DEVICE
F	FIRE ALARM STROBE DEVICE
Z_I Z_C Z_M	FIRE ALARM ZAM DEVICE; IAM (I), CONTROL (C), OR MONITOR MODULE (M)
S	SMOKE DETECTOR
H	HEAT DETECTOR
S_D	DUCT SMOKE DETECTOR
S_{DA}	DUCT SMOKE DETECTOR WITH AUXILIARY CONTACTS
TS FS	TAMPER SWITCH / FLOW SWITCH
ATS	SERVICE ENTRANCE RATED AUTOMATIC TRANSFER SWITCH
M	MANHOLE, HANDHOLE DESIGNATION REFER TO SCHEDULE.

GENERAL NOTES

1. SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT BE UTILIZED ON THE PROJECTS.

WIRE TYPES

LIGHTING CONTROL CABLING

EQUIPMENT AND CONDUIT LINE TYPES

FURNISH + INSTALL NEW
EXISTING
DEMOLISH
UNDERGROUND CONNECT TO EXISTING

2 (3#8 + 1#8 + 1#10EG) 3/4" GRS
- CONDUIT TYPE (SEE ABBREVIATIONS) REFER TO SPECIFICATIONS IF NOT SHOWN
- CONDUIT SIZE
- GROUNDED (NEUTRAL) CONDUCTOR, NUMBER AND SIZE
- GROUNDED (NEUTRAL) CONDUCTOR, NUMBER AND SIZE
- PHASE (HOT) CONDUCTOR, NUMBER & SIZE
- NUMBER OF SETS

XX - ## — HOME RUN TO PANEL. LETTER(S) INDICATE NAME OF PANEL, NUMBER(S) INDICATE CIRCUIT NUMBERS.

ONE LINE SYMBOLS

	CIRCUIT BREAKER, TRIP RATING SHOWN, 3-POLE UNLESS NOTED.
	FUSE, CURRENT LIMITING, RATING AS SHOWN.
480V * 1VA ** 208V	TRANSFORMER, RATINGS AS SHOWN.
M 10 HP	ELECTRIC MOTOR, HORSEPOWER SHOWN.
	MOTOR STARTER, SIZE AS SHOWN OR REQUIRED. FVNR UNLESS NOTED.
SPD	SURGE PROTECTION DEVICE.
G *KW	GENERATOR
	GROUNDING ROD, 3/4" x 10' MINIMUM, COPPER CLAD.
	VARIABLE FREQUENCY DRIVE.
ATS-1 200A / 3P /BP	AUTOMATIC TRANSFER SWITCH

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

BROWN ENGINEERS LLC — No. 1323 — ARKANSAS

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 16665 — SCOTT OSBORN GEURIN

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-516

Sheet Title
ELECTRICAL POWER AND LIGHTING LEGEND

Sheet Number
E100

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

PROVIDE SEISMIC BRACING FOR EQUIPMENT, CONDUITS AND LIGHT FIXTURES TO MEET SEISMIC CATEGORY C REQUIREMENTS.

NEW UTILITY POLE. COORDINATE WITH UTILITY TO DIP TO UNDERGROUND ELECTRICAL AT THIS LOCATION. BORE UNDERNEATH ALL ROADS BETWEEN THIS LOCATION AND PAD MOUNTED XFMR.

(2) 4"C WITH PULLSTRING FOR UGE PRIMARY

UGE

UGE

OHE

OHE

OHE

NEW UTILTY POLE BY UTILTY FOR ROUTING OF OVERHEAD PRIMARY.

DIRECTIONAL BORE UNDERNEATH ROAD

ROUTE NEW OVERHEAD PRIMARY ACROSS AND ALONG ROAD FOR NEW THREE-PHASE PRIMARY.

OHE

MDP FEEDER. REFERENCE ONE-LINE DIAGRAM.

TURN UP TELECOM CONDUIT IN DATA ROOM.

PT1

MDP- 5,7 VIA LCP

SERVICE FEEDER. REFERENCE ONE-LINE.

MDP

MAIN

TO HANDHOLE AT NORTHWEST CORNER OF FINE ART BUILDING FOR FIBER PATHWAY. REF 1-E201.

H

NEW TELECOM PULLBOX

2"C WITH PULLSTRING FOR TELECOM

EXISTING UTILITY POLE.

COORDINATE WITH ENTERGY TO PROVIDE OVERHEAD 3PH ELECTRICAL SERVICE FROM 3-PH OVERHEAD PRIMARY AT GARRETT ROAD.

MDP- 4,6 VIA LCP

1 ELECTRICAL SITE PLAN

1/16" = 1'-0"

NORTH

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS CERTIFICATE OF AUTHORIZATION BROWN ENGINEERS LLC No. 1323 PROFESSIONAL ENGINEER

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 16666 SCOTT OSBORN OSBORN

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title

ELECTRICAL SERVICE SITE PLAN

Sheet Number

E200

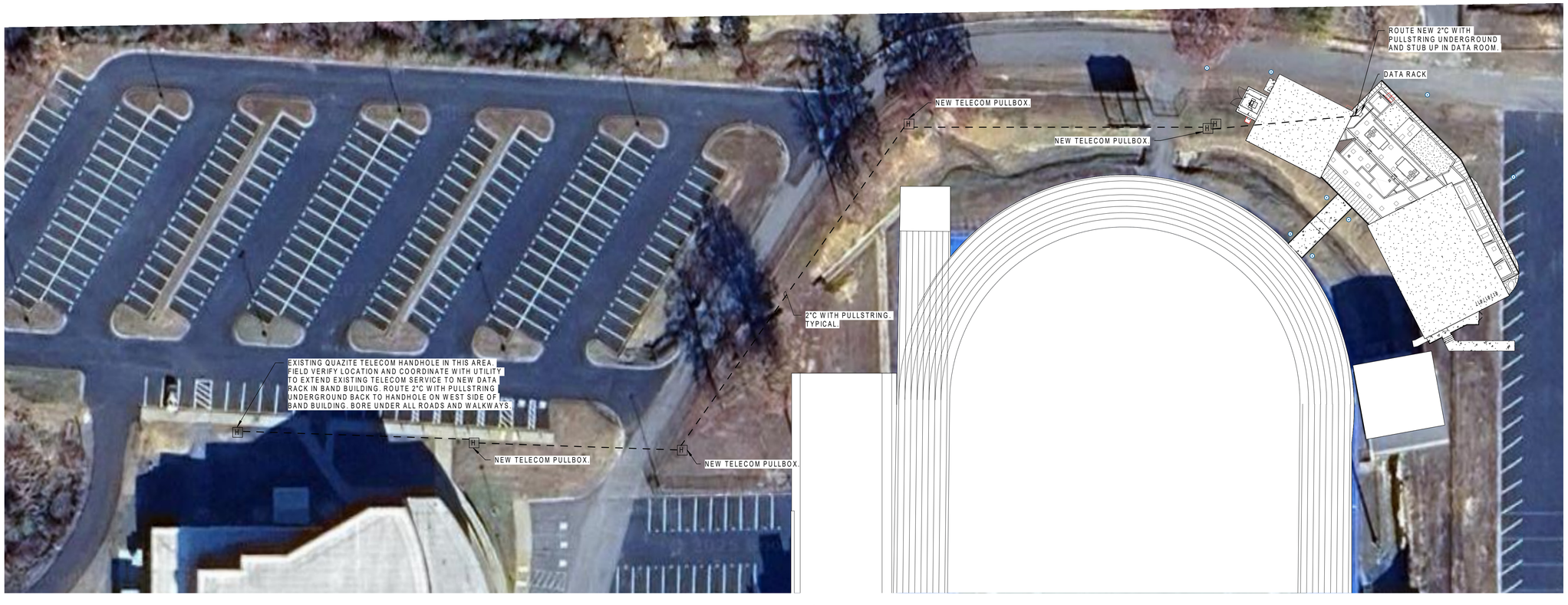
Copyright © 2025 JBP

BROWN ENGINEERS

17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects

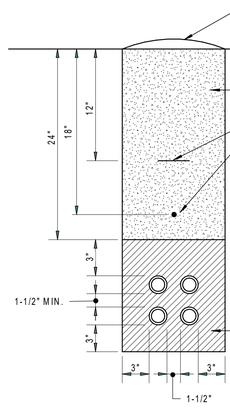
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



1 TELECOM SITE PLAN

1/32" = 1'-0"

NORTH

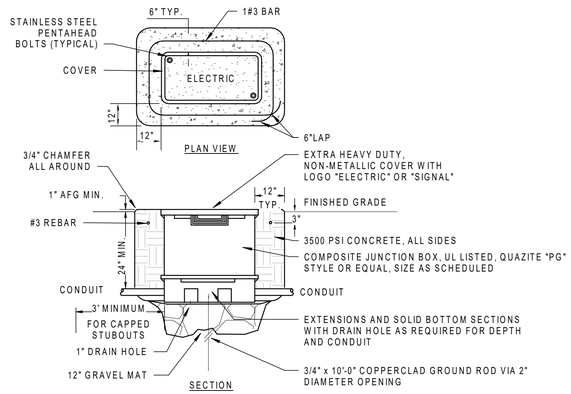


ELECTRICAL DUCT NOTES:

1. CONTRACTOR SHALL STAKE THE DUCT INSTALLATION IN PLAN AND ELEVATION FOR NEW ELECTRICAL DUCTS TO AVOID EXISTING UTILITIES.
2. CONTRACTOR SHALL ADJUST THE DEPTH OF THE ELECTRICAL DUCTS AS REQUIRED TO MAINTAIN THE MINIMUM COVER REQUIREMENT INDICATED AND AVOID EXISTING UTILITIES.
3. SIMILAR CONSTRUCTION FOR OTHER DUCT SIZES. SEE DUCT BANK SCHEDULE FOR QUANTITY AND SIZES.
4. INSTALL DUCT CONDUIT SUPPORTS AT 5'-0" O.C. MAXIMUM SPACING (TYPICAL ALL DUCTS).
5. OFFSETS AND BENDS OVER 10 DEGREES AND ELBOWS IN PVC CONDUIT RUNS SHALL BE GALVANIZED RIGID STEEL CONDUIT.
6. NO PVC SHALL EMERGE FROM THE GROUND OR CONCRETE SLAB OR ENCASEMENT. PVC SHALL CONVERT TO GALVANIZED RIGID STEEL CONDUIT PRIOR TO ITS EMERGENCE.
7. INSTALL GROUND RODS AT ENDS OF ELECTRICAL DUCT OR CONNECT TO GROUND RING.
8. INSTALL CONDUCTORS AND CABLES AS NOTED ON DRAWING. INSTALL PULLWIRE IN ALL SPARE DUCTS.
9. MINIMUM COVER REQUIREMENT FOR DUCT BANKS UNDER ROADS, DRIVEWAYS AND PARKING LOTS SHALL BE 24".
10. MINIMUM COVER REQUIREMENTS FOR ELECTRICAL SECONDARY SERVICE DUCT BANKS SHALL BE 30".
11. MINIMUM COVER REQUIREMENTS FOR ELECTRICAL PRIMARY SERVICE DUCT BANKS SHALL BE 36".

2 TRENCH DETAIL

NOT TO SCALE



NOTES:

1. HANDHOLE AND EXTRA HEAVY-DUTY COVER SHALL BE DESIGNED FOR A TEST LOAD OF 33,750 LBS AND A DESIGN LOAD OF 22,500 LBS.
2. PROVIDE HANDHOLE WITH 2-2"C STUBOUTS IN EACH FACE, CAPPED WATERTIGHT.
3. HANDHOLE INTERIOR DIMENSIONS SHALL BE 30"L x 17"W x 28"D.
4. PROVIDE MINIMUM 3' SLACK CABLE LOOP FOR EACH CABLE.
5. COLOR CODE, TAG AND IDENTIFY ALL CABLES IN HANDHOLE.
6. EXACT LOCATION OF EACH HANDHOLE SHALL BE APPROVED BY THE OWNER AND ENGINEER.

3 HANDHOLE DETAIL

NOT TO SCALE

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

BROWN ENGINEERS LLC — No. 1323

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 16666 — OSBORN GUY JR.

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
TELECOM SITE PLAN

Sheet Number
E201

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

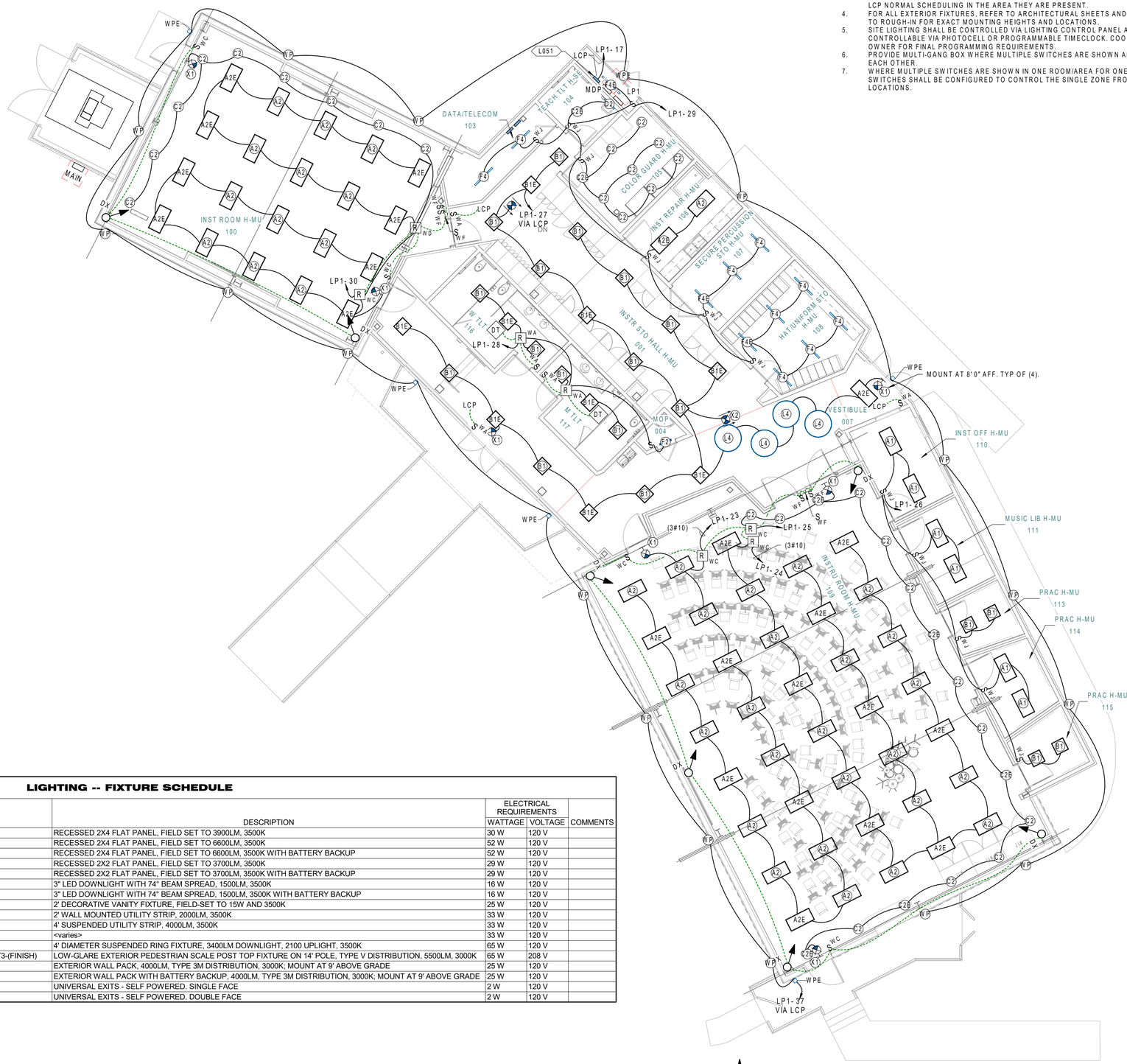
Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

KEYNOTES

L051 FURNISH AND INSTALL "WATTSTOPPER LMCP SERIES" LIGHTING CONTROL PANEL. PROVIDE WITH PHOTOCELL AND TIMECLOCK FOR AUTOMATIC CONTROL. REFERENCE LIGHTING CONTROL NOTES AND COORDINATE WITH OWNER FOR FINAL PROGRAMMING.

GENERAL LIGHTING NOTES:

1. FURNISH AND INSTALL UNSWITCHED CIRCUIT TO ALL EXIT, EMERGENCY, AND EMERGENCY EGRESS FIXTURES.
2. COORDINATE WITH OWNER FOR TIME SETTINGS OF ALL OCCUPANCY SENSING DEVICES. OCCUPANCY SENSORS IN RESTROOMS SHALL BE SET TO MAXIMUM TIME DELAY.
3. SINGLE BUTTON LOW VOLTAGE SWITCHES IN CORRIDORS/LOBBIES SHALL OVERRIDE LCP NORMAL SCHEDULING IN THE AREA THEY ARE PRESENT.
4. FOR ALL EXTERIOR FIXTURES, REFER TO ARCHITECTURAL SHEETS AND DETAILS PRIOR TO ROUGH-IN FOR EXACT MOUNTING HEIGHTS AND LOCATIONS.
5. SITE LIGHTING SHALL BE CONTROLLED VIA LIGHTING CONTROL PANEL AND SHALL BE CONTROLLABLE VIA PHOTOCELL OR PROGRAMMABLE TIMECLOCK. COORDINATE WITH OWNER FOR FINAL PROGRAMMING REQUIREMENTS.
6. PROVIDE MULTI-GANG BOX WHERE MULTIPLE SWITCHES ARE SHOWN ADJACENT TO EACH OTHER.
7. WHERE MULTIPLE SWITCHES ARE SHOWN IN ONE ROOM/AREA FOR ONE ZONE, SWITCHES SHALL BE CONFIGURED TO CONTROL THE SINGLE ZONE FROM MULTIPLE LOCATIONS.



LIGHTING -- FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	DESCRIPTION	ELECTRICAL REQUIREMENTS		COMMENTS
				WATTAGE	VOLTAGE	
A1	DAY-BRITE	2SBP3050L8CS-4-UNV-DIM	RECESSED 2X4 FLAT PANEL, FIELD SET TO 3900LM, 3500K	30 W	120 V	
A2	DAY-BRITE	2SBP3050L8CS-4-UNV-DIM	RECESSED 2X4 FLAT PANEL, FIELD SET TO 6600LM, 3500K	52 W	120 V	
A2E	DAY-BRITE	2SBP3050L8CS-4-UNV-DIM BSL130RM	RECESSED 2X4 FLAT PANEL, FIELD SET TO 6600LM, 3500K WITH BATTERY BACKUP	52 W	120 V	
B1	DAY-BRITE	2SBP2035L8CS-2-UNV-DIM	RECESSED 2X2 FLAT PANEL, FIELD SET TO 3700LM, 3500K	29 W	120 V	
B1E	DAY-BRITE	2SBP2035L8CS-2-UNV-DIM BSL130RM	RECESSED 2X2 FLAT PANEL, FIELD SET TO 3700LM, 3500K WITH BATTERY BACKUP	29 W	120 V	
C2	LIGHTOLIER	3RN / P3RDL15935MCCXZ10U	3" LED DOWNLIGHT WITH 74° BEAM SPREAD, 1500LM, 3500K	16 W	120 V	
C2E	LIGHTOLIER	3RN-EM6 / P3RDL15935MCCXZ10U-IEM6	3" LED DOWNLIGHT WITH 74° BEAM SPREAD, 1500LM, 3500K WITH BATTERY BACKUP	16 W	120 V	
D2	ASL	VBRA-24-FINISH	2' DECORATIVE VANITY FIXTURE, FIELD-SET TO 15W AND 3500K	25 W	120 V	
F2	DAY-BRITE	FSS220L835-UNV / FSTH	2' WALL MOUNTED UTILITY STRIP, 2000LM, 3500K	33 W	120 V	
F4	DAY-BRITE	FSSEZ440L835-UNV FKR-126	4' SUSPENDED UTILITY STRIP, 4000LM, 3500K	33 W	120 V	
F4E	DAY-BRITE	<varies>	<varies>	33 W	120 V	
L4	TECHOLED	HALO-DI-47-LO-35-U-(CBA)-P-DM	4' DIAMETER SUSPENDED RING FIXTURE, 3400LM DOWNLIGHT, 2100 UPLIGHT, 3500K	65 W	120 V	
PT1	GARDCO / ULS	PPT-C-A04-830-T5M-T3-(VOLTAGE)-010V-FAWS-(FINISH) / RSP-14-4-11-T3-(FINISH)	LOW-GLARE EXTERIOR PEDESTRIAN SCALE POST TOP FIXTURE ON 14' POLE, TYPE V DISTRIBUTION, 5500LM, 3000K	65 W	208 V	
WP	GARDCO	GBS-A03-830-T3M-FAWS-(FINISH)	EXTERIOR WALL PACK, 4000LM, TYPE 3M DISTRIBUTION, 3000K; MOUNT AT 9' ABOVE GRADE	25 W	120 V	
WPE	GARDCO	GBS-A03-830-T3M-FAWS-EM-(FINISH)	EXTERIOR WALL PACK WITH BATTERY BACKUP, 4000LM, TYPE 3M DISTRIBUTION, 3000K; MOUNT AT 9' ABOVE GRADE	25 W	120 V	
X1	CHLORIDE	ER44RLDU1R	UNIVERSAL EXITS - SELF POWERED. SINGLE FACE	2 W	120 V	
X2	CHLORIDE	ER44RLDU2R	UNIVERSAL EXITS - SELF POWERED. DOUBLE FACE	2 W	120 V	

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

NORTH

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS, LLC — No. 1321 — CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 16662 — SCOTT OSBORN GRIFFIN

Date
02-27-2026
Revisions
No. Title Date

JOB NUMBER JBP-116

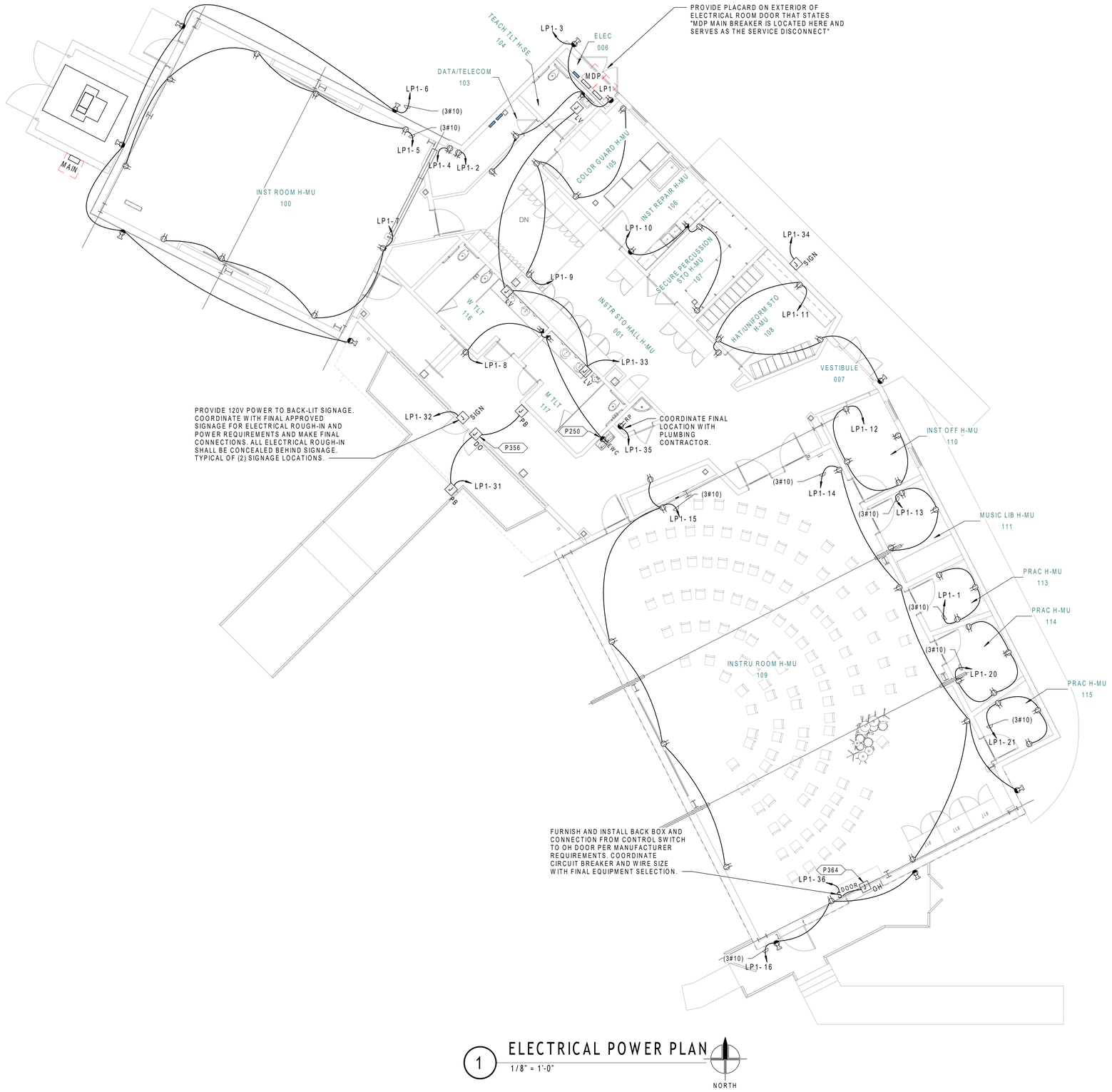
Sheet Title
LIGHTING PLAN

Sheet Number
E300

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



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

KEYNOTES

P250	ELECTRIC WATER COOLER RECEPTACLE: CONCEAL WITHIN CABINET PER MANUFACTURER'S REQUIREMENTS.
P356	AUTOMATIC DOOR OPERATOR: VERIFY LOCATION WITH MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLATION. ALL CONDUIT AND WIRING SHALL BE CONCEALED AT ENTRANCE DOORS.
P364	PROVIDE 1"C WITH PULLWIRE FROM OVERHEAD DOOR TO CONTROL LOCATION.

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS CERTIFICATE OF AUTHORIZATION BROWN ENGINEERS, LLC No. 1323 PROFESSIONAL ENGINEER

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 16666 SCOTT OSBORN GRIFFIN

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
ELECTRICAL POWER PLAN

Sheet Number
E400

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

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

NORTH

FIRE ALARM NOTE:

CONTRACTOR SHALL PROVIDE A FULLY FUNCTIONAL COMPLETE U.L. LISTED FIRE ALARM SYSTEM TO MEET THE REQUIREMENTS OF THE NFPA 101, NFPA 72, ADA-AG, AND THE LOCAL AUTHORITY HAVING JURISDICTION. CONTRACTOR SHALL EMPLOY THE SERVICES OF A NICET LEVEL 4 TECHNICIAN TO LAYOUT ALL REQUIRED DEVICES AND COMPLY WITH ALL APPLICABLE SECTIONS OF NFPA 72.

KEYNOTES

P300	FURNISH AND INSTALL 4'X4' PLYWOOD TELEPHONE BACKBOARD. REFERENCE TELPHONE AND DATA RISER DIAGRAM.
P302	FURNISH AND INSTALL WALL MOUNTED DATA RACK IN AV/IT ROOM. RACK SHALL BE 19.86"W X 18"D X 22.25"H. RACK SHALL BE DAMAC WR24S-3 OR EQUAL.

LOW VOLTAGE NOTES:

1. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL CONDUIT AND BACKBOXES FOR ACCESS CONTROLS.. DEVICES, HEAD-END EQUIPMENT, CABLES, AND TERMINATIONS ARE BY OWNER.
2. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL CONDUIT AND BACKBOXES FOR CAMERA SYSTEM. CAMERAS, HEAD-END EQUIPMENT, CABLES, TERMINATIONS, AND SYSTEM CONFIGURATION BY OWNER.
3. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL CONDUIT AND BACKBOXES FOR INTERCOM SYSTEM. DEVICES, HEAD-END EQUIPMENT, CABLES, TERMINATIONS AND SYSTEM CONFIGURATION BY OWNER.
4. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL CONDUIT AND BACKBOXES FOR CLOCKS. CLOCKS, CABLES, AND TERMINATIONS BY OWNER.

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

BROWN ENGINEERS LLC — No. 1323 — CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 16666 — SCOTT OSBORN GEURIN

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
ELECTRICAL SYSTEMS PLAN

Sheet Number
E500

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

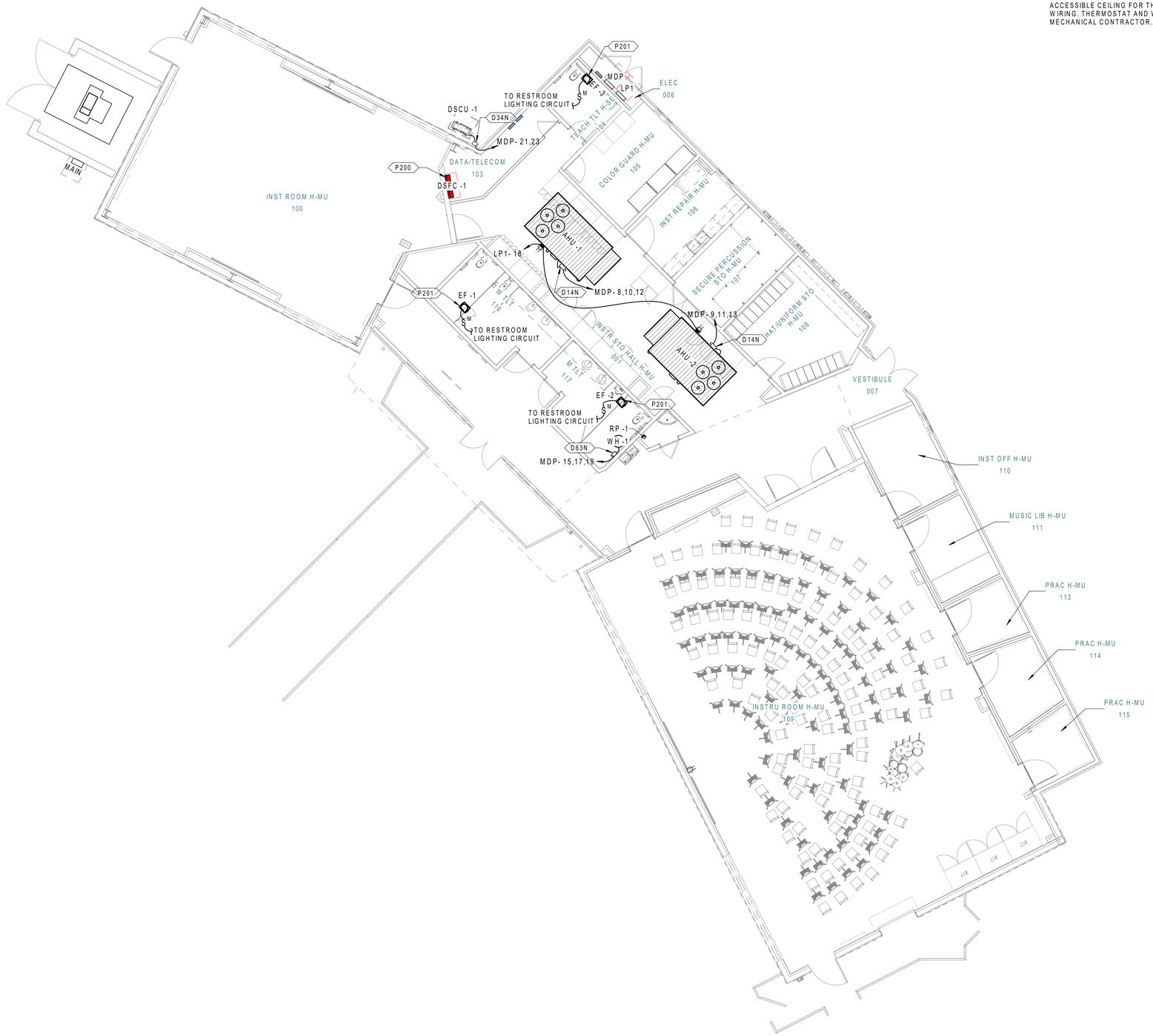
Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

GENERAL NOTE:

1. REFER TO M102 MECHANICAL FLOOR PLAN FOR ALL THERMOSTAT LOCATIONS. EC SHALL PROVIDE SINGLE GANG BOX AT SWITCH HEIGHT AND 3/4"C TO ABOVE ACCESSIBLE CEILING FOR THERMOSTAT WIRING. THERMOSTAT AND WIRING BY MECHANICAL CONTRACTOR.

KEYNOTES

D14N	PROVIDE 100A/3P/NF/NEMA 3R DISCONNECT.
D34N	PROVIDE 30A/3P/NF/NEMA 3R DISCONNECT.
D63N	PROVIDE 60A/3P/NF/NEMA 1 DISCONNCT.
P200	INDOOR UNIT RECEIVES POWER FROM OUTDOOR DSCU UNIT. FURNISH AND INSTALL CONDUIT AND WIRE AS REQUIRED PER MANUFACTURER INSTALLATION REQUIREMENTS.
P201	EXHAUST FAN SHALL BE POWERED BY LIGHTING CIRCUIT AND CONTROLLED WITH LIGHTS IN THE AREA THEY SERVE.



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

NORTH

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

BROWN ENGINEERS, LLC — No. 1323 — CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 16666 — SCOTT OSBORN GERRY

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
MECH POWER PLAN

Sheet Number
E600

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

PANELBOARD NOTES

(1) INSTALL LOCKING DEVICE (LOCK-OFF FOR MAINTENANCE)

(2) INSTALL LOCKING DEVICE (LOCK-ON FOR CRITICAL LOAD).

(3) REFER TO SITE LIGHTING PLAN FOR WIRE SIZES.

(4) PROVIDE GFI CIRCUIT BREAKER OR INLINE GFI FOR PERSONNEL PROTECTION (5 mA).

(5) PROVIDE GFI CIRCUIT BREAKER OR INLINE GFI FOR EQUIPMENT PROTECTION (30 mA).

(6) PROVIDE U.L. LISTED OVERCURRENT DEVICE TO COORDINATE AND MAINTAIN MANUFACTURER'S SERIES RATED SYSTEM.

(7) EXISTING CIRCUIT TO REMAIN.

(8) EXISTING CIRCUIT BREAKER TO REMAIN. VERIFY CONDITION OF CIRCUIT BREAKER TO ENSURE THAT IT IS OPERATIONAL AND MEETS ALL U.L. RATINGS.

(9) TRACE EXISTING CIRCUIT, IDENTIFY LOAD AND PROVIDE TYPEWRITTEN PANELBOARD SCHEDULE AND PLACE ON INTERIOR OF PANELBOARD DOOR. IF CIRCUIT IS A "SPARE", REFER TO NOTE (8).

Branch Panel: MDP

Location: ELEC 006
Supply From:
Mounting: Surface
Enclosure: NEMA 1

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

A.I.C. Rating: 22kA
Panel Rating: 600 A MLO

Notes:

CKT	Load Name	Trip	Poles	A	B	C	CKT
1	SPARE	20 A	1	0.00			2
3	SPARE	20 A	1		0.00		4
5	LIGHT POLES NORTH	20 A	2			0.13	6
7				0.13			8
9	AHU -2	100 A	3		10.09		10
11						10.09	12
13				10.09			14
15	WH -1	40 A	3		3.00		16
17						3.00	18
19	DSCU -1	30 A	2	3.00			20
21					2.51		22
23						2.51	24
25	SPARE	40 A	3	0.00			26
27					0.00		28
29						0.00	30

CKT	Load Name	Trip	Poles	A	B	C	CKT
2	SPARE	20 A	1	0.00			1
4	LIGHT POLES SOUTH	20 A	2		0.13		3
6				0.13			5
8					10.09		7
10	AHU -1	100 A	3	10.09			9
12						10.09	11
14					6.55		13
16	LDP	200 A	3			7.06	15
18				9.14			17
20	SPARE	20 A	2		0.00		19
22				0.00			21
24						0.00	23
26	SPARE	100 A	3		0.00		25
28				0.00			27
30	SPARE	20 A	1			0.00	29

Panel Totals

	PHASE A	PHASE B	PHASE C
Total Load:	29.84 kVA	32.41 kVA	34.62 kVA
Total Amps:	249 A	273 A	292 A
Total Conn. Load:	96.86 kVA		
Total Design Current:	424 A		

Notes:

Branch Panel: LP1

Location: ELEC 006
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1

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

A.I.C. Rating: 22kA
Panel Rating: 225 A MLO

Notes:

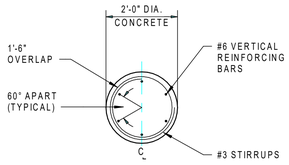
CKT	Load Name	Trip	Poles	A	B	C	CKT
1	RECEPTS PRAC ROOM 113	20 A	1	0.54			2
3	RECEPTS 104, 103, 006	20 A	1		0.90		4
5	RECEPTS ROOM 005, 100	20 A	1			0.90	6
7	RECEPTS INST ROOM H-MU-1 100	20 A	1	0.72			8
9	RECEPTS ROOM 001, 105	20 A	1		0.72		10
11	RECEPTS ROOM 002, 108	20 A	1			0.90	12
13	RECEPTS ROOM 111	20 A	1	0.54			14
15	RECEPTS INSTRU ROOM H-MU-1 109	20 A	1		0.90		16
17	LCP	20 A	1			0.06	18
19	ACP	20 A	1	0.06			20
21	RECEPTS PRAC ROOM 115	20 A	1		0.54		22
23	LIGHTING INSTRU ROOM H-MU-1 109	20 A	1			0.83	24
25	LIGHTING INSTRU ROOM H-MU-1 109	20 A	1	0.25			26
27	CORRIDOR LIGHTING	20 A	1		0.83		28
29	LIGHTING ROOMS 101-108	20 A	1			0.76	30
31	DOOR OPENER (4)	20 A	1	0.75			32
33	BATHROOM SENSORS	20 A	1		0.60		34
35	RP -1	20 A	1			0.26	36
37	EXTERIOR LIGHTING	20 A	1	0.55			38
39	SPARE	20 A	1		0.00		40
41	SPARE	20 A	1			0.00	42
43	SPARE	20 A	1	0.00			44
45	SPARE	20 A	1		0.00		46
47	SPARE	20 A	1			0.00	48
49	SPARE	20 A	1	0.00			50
51	SPARE	20 A	1		0.00		52
53	SPARE	20 A	1			0.00	54

CKT	Load Name	Trip	Poles	A	B	C	CKT
2	RECEPTS DATA/TELE COM 103	20 A	1	0.36			1
4	RECEPTS DATA/TELE COM 103	20 A	1		0.36		3
6	NORTH EXTERIOR RECEPTS	20 A	1			0.90	5
8	RECEPTS H-MU-14, 004, 003, 002 (4)	20 A	1	0.72			7
10	RECEPTS ROOM 106, 107	20 A	1		0.72		9
12	RECEPTS INST OFF H-MU-6 110	20 A	1			0.90	11
14	RECEPTS INSTRU ROOM H-MU-1 109	20 A	1	0.90			13
16	RECEPTS ROOM 113, 109	20 A	1		0.54		15
18	ROOFTOP RECEPTS	20 A	1			0.36	17
20	RECEPTACLES PRAC ROOM 114	20 A	1	0.90			19
22	FACP (2)	20 A	1		0.06		21
24	LIGHTING INSTRU ROOM H-MU-1 109	20 A	1			1.09	23
26	LIGHTING RM 114, 112, 111, 110, 113, 115	20 A	1	0.30			25
28	LIGHTING TLTS H-MU-14, MOP -004	20 A	1		0.39		27
30	LIGHTING INST ROOM H-MU-1 100	20 A	1			1.18	29
32	SOUTH SIGNAGE LIGHTING	20 A	1	0.50			31
34	NORTH SIGNAGE LIGHTING	20 A	1		0.50		33
36	OVERHEAD DOOR INSTRU ROOM 109	20 A	1			1.00	35
38	SPARE	20 A	1	0.00			37
40	SPARE	20 A	1		0.00		39
42	SPARE	20 A	1			0.00	41
44	SPARE	20 A	1	0.00			43
46	SPARE	20 A	1		0.00		45
48	SPARE	20 A	1			0.00	47
50	SPARE	20 A	1	0.00			49
52	SPARE	20 A	1		0.00		51
54	SPARE	20 A	1			0.00	53

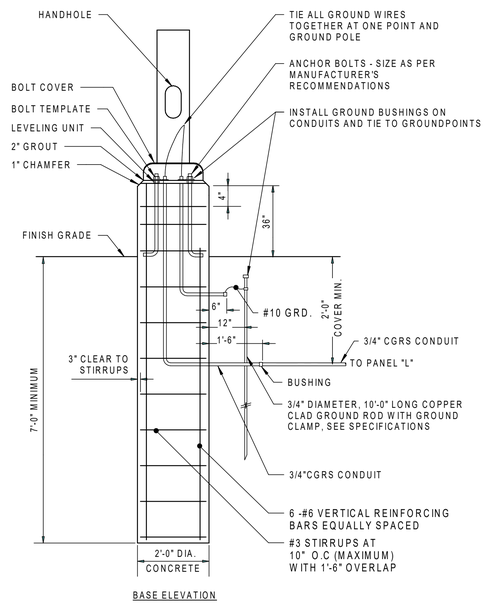
Panel Totals

	PHASE A	PHASE B	PHASE C
Total Load:	6.55 kVA	7.06 kVA	9.14 kVA
Total Amps:	55 A	59 A	77 A
Total Conn. Load:	22.76 kVA		
Total Design Current:	99 A		

Notes:



BASE PLAN



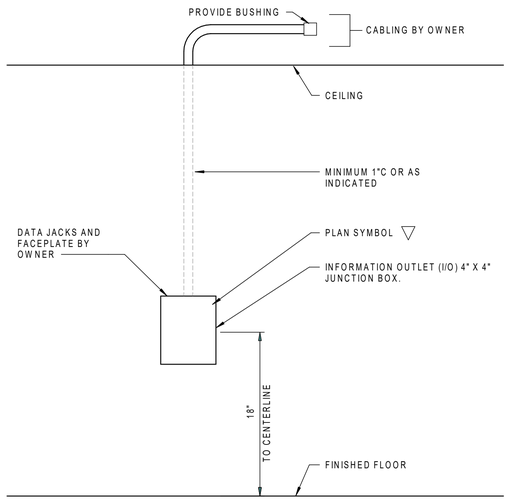
BASE ELEVATION

NOTES:

1. VERIFY BOLT CIRCLE AND MOUNTING WITH MANUFACTURER.
2. WHEN POURING CONCRETE DO NOT DROP CONCRETE THROUGH WATER IF WATER IS PRESENT IN HOLE.

2 LIGHT POLE BASE DETAILS

NOT TO SCALE



NOTES:

1. FLUSH MOUNTED INFORMATION OUTLET: 1 BOX, 1 CONDUIT PER INFORMATION OUTLET. ROUTE UP THROUGH WALL AND STUB ABOVE CEILING. CAP, TAG, AND IDENTIFY ALL CONDUIT. PROVIDE PULLWIRE IN ALL CONDUIT. PULLWIRE TO REMAIN AFTER CABLE INSTALLATION. TWO JACKS AND CABLES UNLESS OTHERWISE NOTED.

3 TYPICAL INFORMATION OUTLET

NOT TO SCALE

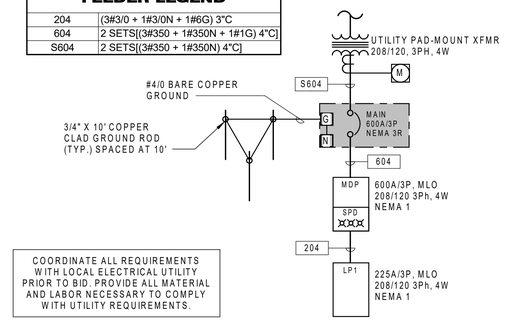
4 NAMEPLATE DETAIL

NOT TO SCALE

PROVIDE SEISMIC BRACING FOR EQUIPMENT, CONDUITS AND LIGHT FIXTURES TO MEET SEISMIC CATEGORY C REQUIREMENTS.

FEEDER LEGEND

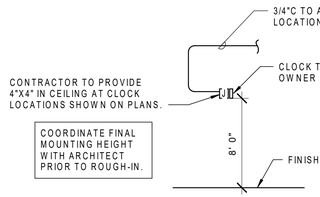
204	(3#3/0 + 1#3/0N + 1#6G) 3"C
604	2 SETS[(3#350 + 1#350N + 1#1G) 4"C]
S604	2 SETS[(3#350 + 1#350N) 4"C]



COORDINATE ALL REQUIREMENTS WITH LOCAL ELECTRICAL UTILITY PRIOR TO BID. PROVIDE ALL MATERIAL AND LABOR NECESSARY TO COMPLY WITH UTILITY REQUIREMENTS.

1 ONE LINE DIAGRAM

NOT TO SCALE



5 CLOCK LOCATION DETAIL

NOT TO SCALE

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — CERTIFICATE OF AUTHORIZATION — BROWN ENGINEERS, LLC — No. 1323 — EXPIRATION DATE: 12/31/2026

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 16666 — SCOTT OSBORN COLLINS

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
PANEL SCHEDULES, DETAILS AND ONE-LINE

Sheet Number
E700

Copyright © 2025 JBP

BROWN ENGINEERS

17200 Chenal Pkwy,
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects

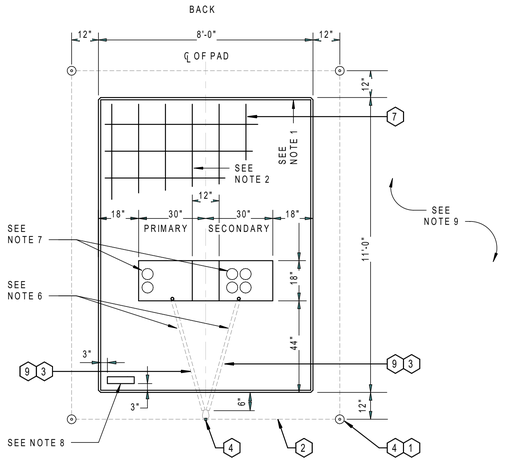
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

(#) TRANSFORMER PAD KEYED NOTES:

1. INSTALL NEW COPPER CLAD GROUND ROD, 3/4" x 10'-0", TYPICAL OF 4.
2. INSTALL NEW #2/0 BARE COPPER CONDUCTOR (TYPICAL).
3. INSTALL NEW #2 BARE COPPER CONDUCTOR.
4. INSTALL NEW EXOTHERMIC WELD, TYPICAL OF 5.
5. INSTALL NEW SECONDARY CONDUITS, SEE SITE PLAN.
6. INSTALL NEW PRIMARY CONDUITS, SEE SITE PLAN.
7. INSTALL NEW #4 REBAR, 12"O.C. BOTH WAYS.
8. CONSTRUCT NEW PAD USING CONCRETE, 3500 PSI AT 28 DAYS.
9. INSTALL NEW 1" GRSC UNDER PAD FOR GROUND WIRES (TYPICAL).
10. UTILIZE LONG SWEEP 90° BEND PVC CONDUITS ON PRIMARY CONDUITS.
11. UTILIZE LONG SWEEP 90° BEND CONDUITS ON SECONDARY CONDUITS.

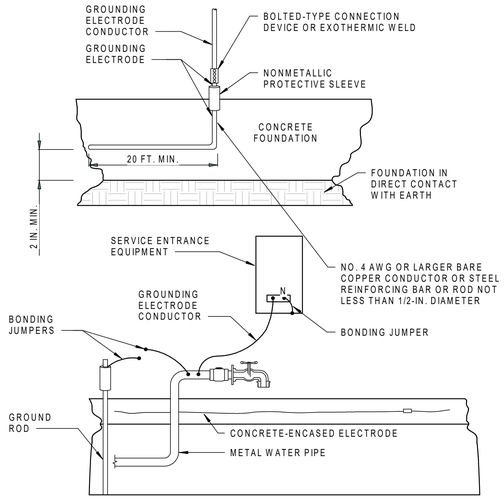
TRANSFORMER PAD NOTES:

1. WHERE POSSIBLE, DO NOT PLACE CONDUIT UNDER THIS SECTION OF FOUNDATION.
2. REINFORCING - #4 BARS 12" O.C. BOTH WAYS.
3. WHEN INSTALLING CONDUIT, DISTURB GROUND IN FOUNDATION AREA AS LITTLE AS POSSIBLE. EXTEND CONDUIT 1" ABOVE FOUNDATION.
4. TOP OF FOUNDATION TO BE SMOOTH AND LEVEL. FINAL GRADE SHALL SLOPE AWAY FROM PAD.
5. CONCRETE SHALL BE 3500 PSI AT 28 DAYS AND 1:2:4 MIXTURE WITH 6 GAL. MAX. WATER CONTENT PER SACK OF CEMENT.
6. CONTRACTOR TO FURNISH 1" CONDUIT UNDER PAD FOR GROUND WIRE.
7. LOCATE CONDUITS UNDER PRIMARY AND SECONDARY BUSHINGS.
8. TRANSFORMER LOCATION TAG SHALL BE ATTACHED TO PAD WITH CONCRETE NAILS OR SHEET METAL SCREWS.
9. TRANSFORMER PAD REQUIRES A MINIMUM 3'-0" CLEARANCE AROUND EACH SIDE AND BACK OF PAD. A 15'-0" CLEARANCE IS REQUIRED ON FRONT SIDE OF PAD.



1 TRANSFORMER PAD DETAIL

NOT TO SCALE

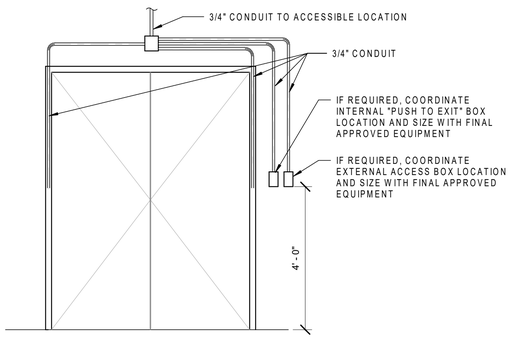


GROUND GRID NOTES:

1. INSTALL 1/0 AWG STRANDED BARE SOFT DRAWN COPPER (BSDC) WIRE AND BOND GROUND TO REINFORCING STEEL BAR IN CONCRETE STRUCTURE FOOTING.
2. MAKE ALL CONNECTIONS USING EXOTHERMIC WELDING (CADWELD) PROCESS.
3. INSTALL 3/4" CONDUIT WITH (1)-#1/0 AWG COPPER GROUNDING ELECTRODE CONDUCTOR BETWEEN BUILDING STEEL COLUMN AND GROUND. REMOVE PAINT DOWN TO BARE AND BOND GROUND TO STEEL WITH MECHANICAL LUG. REPAINT AFTER INSTALLATION IS COMPLETE.

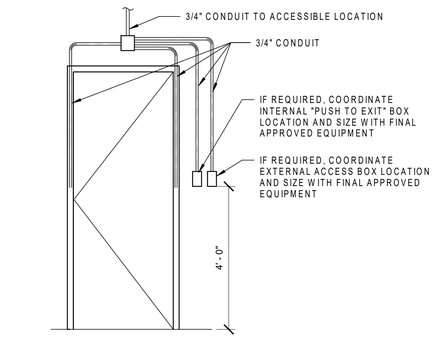
2 NEC 250 ELECTRICAL GROUNDING DETAIL

NOT TO SCALE



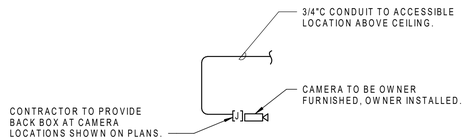
3 ACCESS CONTROL TYPE 1 - DOUBLE DOOR

NOT TO SCALE



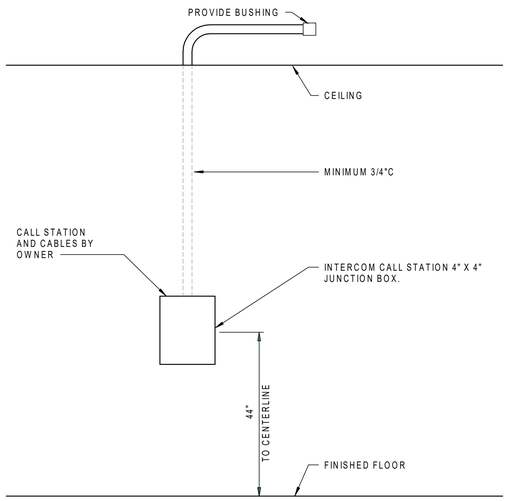
4 ACCESS CONTROL TYPE 2 - SINGLE DOOR

NOT TO SCALE



5 CAMERA LOCATION DETAIL

NOT TO SCALE



6 INTERCOM CALL STATION DETAIL

NOT TO SCALE

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No. 13221 — PROFESSIONAL ENGINEER

STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 16666 — SCOTT OSBORN COUNTY

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
ELECTRICAL DETAILS I

Sheet Number
E800

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

HVAC LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION
AHU	AIR HANDLING UNIT
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
BHP	BRAKE HORSEPOWER
BTUH	BRITISH THERMAL UNIT PER HOUR
CFM	CUBIC FEET PER MINUTE
CRAC	COMPUTER ROOM AIR CONDITIONING UNIT
D	DRAIN
DB	DRY BULB TEMPERATURE
DN	DOWN
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE OF THE COIL
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FCU	FAN COIL UNIT
FLR	FLOOR
FO	FLAT OVAL
FPM	FEET PER MINUTE (VELOCITY)
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE OF THE COIL
LWT	LEAVING WATER TEMPERATURE
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MIN	MINIMUM
MHP	MOTOR HORSEPOWER
NTS	NOT TO SCALE
OSA	OUTSIDE AIR
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RPM	REVOLUTION PER MINUTE
RTU	ROOF TOP (AIR CONDITIONING) UNIT
SA	SUPPLY AIR
SP	STATIC PRESSURE
TYP	TYPICAL
VAV	VARIABLE AIR VOLUME
WB	WET BULB TEMPERATURE
XFR	TRANSFER AIR
'	FEET
"	INCHES
ø	ROUND DUCT
Φ	OVAL DUCT

DETAIL/SECTION NUMBER

2 / M1.1

SHEET NUMBER

DETAIL/SECTION DESIGNATION

T VAV-2 S — THERMOSTAT OR SENSOR. (SUBSCRIPT DESIGNATES CONTROLLED EQUIPMENT)

2 — KEYED NOTE

ABBREVIATION OR SYMBOL	DESCRIPTION
	CEILING SUPPLY DIFFUSER
	CEILING RETURN/EXHAUST GRILLE
	GRILLE OR REGISTER ON BOTTOM OF DUCTWORK
18/12 SA	SIDEWALL SUPPLY (RETURN SIMILAR)
18/12	RECTANGULAR DUCT WITH DUCT SIZE TAG
20ø	ROUND DUCT WITH DUCT SIZE TAG
20/14Φ	OVAL DUCT WITH DUCT SIZE TAG
24/24 SA	SUPPLY DUCT UP
24/24 SA	SUPPLY DUCT DOWN
24/24 RA	RETURN DUCT UP
24/24 RA	RETURN DUCT DOWN
24/24 EA	EXHAUST DUCT UP
24/24 EA	EXHAUST DUCT DOWN
18/18Φ 24/12	RECTANGULAR/OVAL TRANSITION
18ø 24/12	RECTANGULAR/ROUND TRANSITION
	FLEXIBLE DUCT CONNECTION
F (1) M (3) S (2) C (4)	(1) FIRE DAMPER (2) SMOKE DAMPER (3) MOTORIZED DAMPER (4) CONTROL DAMPER
(1) SD (2)	(1) BALANCING DAMPER (2) SMOKE DETECTOR
250	BALANCING DAMPER, SET TO INDICATED CFM

ABBREVIATION OR SYMBOL	DESCRIPTION
	NEW EQUIPMENT
	EXISTING EQUIPMENT TO REMAIN
	EXISTING EQUIPMENT TO BE REMOVED
	NEW DUCT
	EXISTING DUCT TO REMAIN
	DEMOLISH EXISTING DUCT BACK TO POINT.
	CONNECT TO EXISTING DUCT.

C/350 — AIR DEVICE "MARK" — AIRFLOW CFM — **AIR DEVICE DESIGNATION**

* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

SEISMIC DESIGN CATEGORY C

GENERAL NOTES

A. PER THE 2018 INTERNATIONAL BUILDING CODE, MECHANCIAL, PLUMBING AND ELECTRICAL EQUIPMENT AND COMPONENTS, INCLUDING THEIR SUPPORTS AND ATTACHMENTS, SHALL BE DESIGNED FOR SEISMIC FORCES IN ACCORDANCE WITH CHAPTER 13 OF ASCE 7-16.
B. EXTERIOR EQUIPMENT (INCLUDING ROOF CURBS, RAILS, SUPPORTS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH CHAPTERS 26 TO 29 OF ASCE 7-16.
C. WHERE DESIGN FOR SEISMIC IN ADDITION TO WIND LOADS IS REQUIRED, THE MORE DEMANDING FORCE MUST BE USED.
D. REFERENCE THE STRUCTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION ON SEISMIC DESIGN CATEGORY, WIND SPEEDS, ETC.
E. SEE EQUIPMENT SCHEDULES AND DETAILS FOR SPECIFIC COMPONENT IMPORTANCE FACTOR DESIGNATIONS.
F. USE TABLE BELOW TO DETERMINE SEISMIC RESTRAINT REQUIREMENTS FOR EACH COMPONENT.
G. FOR ALL COMPONENTS REQUIRING SEISMIC RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL.
H. WHERE SEISMIC RESTRAINT IS REQUIRED, HOUSEKEEPING PADS NEEDED FOR THE INSTALLATION OF EQUIPMENT UNDER THIS CONTRACT MUST BE DESIGNED BY THE SEISMIC ENGINEER. DO NOT POUR ANY HOUSEKEEPING PADS PRIOR TO THE THE RECEIPT OF THE APPROVED SEISMIC SUBMITTAL.
I. SEISMIC RESTRAINTS FOR DUCTWORK, PIPING, CONDUIT, CABLE TRAY AND BUS DUCT MUST BE SHOWN ON LAYOUT DRAWINGS SHOWING SPECIFIC RESTRAINT LOCATIONS ALONG WITH ACCOMPANYING DETAILS AND CALCULATIONS.

COMPONENT IDENTIFICATION		COMPONENT IMPORTANCE FACTOR (Ip) 1.0 SEISMIC RESTRAINT REQUIREMENT	1.0 ASCE 7 REFERENCE	1.5 SEISMIC RESTRAINT REQUIREMENT	1.5 ASCE 7 REFERENCE
ROOF MOUNTED		NOT REQUIRED	13.1.4.5	RESTRAIN ALL	13.1.4.5
FLOOR MOUNTED		NOT REQUIRED	13.1.4.5	RESTRAIN ALL	13.1.4.5
WALL MOUNTED		NOT REQUIRED	13.1.4.5	RESTRAIN ALL	13.1.4.5
COMPONENT SUPPORTS		NOT REQUIRED	13.1.4.5	RESTRAIN ALL	13.6.4
SUSPENDED EQUIPMENT	INLINE W/ DUCT	NOT REQUIRED	13.1.4.5	RESTRAIN IF >75 LBS PROVIDE FLEX. CONN. (SEE NOTES 1,2)	13.6.7
	NOT INLINE W/ DUCT	NOT REQUIRED	13.1.4.5	RESTRAIN ALL	13.1.4.5
SUSPENDED DUCTILE PIPING (STEEL, ALUMINUM, COPPER, ETC.)		NOT REQUIRED	13.1.4.5	RESTRAIN IF > 2"	13.6.8.3.3.a
SUSPENDED NON DUCTILE PIPING (CAST IRON, PLASTIC, CERAMIC)		NOT REQUIRED	13.1.4.5	RESTRAIN ALL	13.6.8.3.3
SUSPENDED PIPE ON TRAPEZE		NOT REQUIRED	13.1.4.5	RESTRAIN IF ANY PIPE ON TRAPEZE > 2" RESTRAIN IF TOTAL WEIGHT OF PIPES ON TRAPEZE ≥ 10 LBS/FT	13.6.7.3
DUCTWORK		NOT REQUIRED	13.6.6	RESTRAIN IF ≥ 6 SQ.FT. OR > 20 LBS/FT (SEE NOTE 3)	13.6.6
SINGLE CONDUIT		NOT REQUIRED	13.6.5.6	RESTRAIN IF ≥ 2.5"	13.6.5
CABLE TRAY/BUS DUCT/ TRAPEZED CONDUIT		NOT REQUIRED	13.6.5.6	RESTRAIN IF TOTAL WEIGHT OF RACEWAY ≥ 10 LBS/FT	13.6.5
PENDANT, LAY-IN, & CAN LIGHTS		REQUIRED (SEE NOTE 3)	13.5.6.2	REQUIRED (SEE NOTE 4)	13.5.6.2
COMPONENT CERTIFICATION		NOT REQUIRED	13.2.2	REQUIRED (SEE NOTE 5)	13.2.2

NOTES:
1. EQUIPMENT 20 LBS. OR LESS IS EXEMPT IF THE COMPONENT IS POSITIVELY ATTACHED TO THE STRUCTURE.
2. FLEXIBLE CONNECTIONS REQUIRED FOR PIPE AND CONDUIT CONNECTIONS ONLY.
3. ALL DUCTWORK, REGARDLESS OF SIZE, DESIGNED TO CARRY TOXIC, HIGHLY TOXIC, OR EXPLOSIVE GASES OR USED FOR SMOKE CONTROL MUST BE RESTRAINED.
4. THE RESTRAINT OF PENDANT, LAY-IN, & CAN LIGHTS IS ADDRESSED IN ASTM C636 & E580.
5. COMPONENT CERTIFICATION MUST BE SUPPLIED BY THE EQUIPMENT MANUFACTURER AT TIME OF SUBMITTAL FOR REVIEW BY ENGINEER OF RECORD AND BUILDING OFFICIAL.

MECHANICAL GENERAL NOTES:

1. ALL MECHANICAL WORK SHALL COMPLY WITH ALL LOCAL CODES, DRAWINGS, SPECIFICATIONS, AND AUTHORITIES HAVING JURISDICTION. IF DISCREPANCIES ARE FOUND, THE MOST STRINGENT REQUIREMENT SHALL GOVERN WORK. WHERE INSPECTIONS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION, WORK MUST NOT BE CONCEALED UNTIL INSPECTIONS AND TESTING ARE COMPLETE AND WORK IS ACCEPTED.
2. REFER TO SPECIFICATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
4. PRIOR TO BID, CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIED REFERENCE PRODUCTS. THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES. IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID OR SUBMITTED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID.
6. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT. INFORMATION AND COMPONENTS ON DETAILS OR IN SPECIFICATIONS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
8. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
9. EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, AND PIPING SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER, LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
10. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS. COORDINATE PLACEMENT OF MECHANICAL SYSTEMS WITH ARCHITECTURAL AND STRUCTURAL TRADES.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ALL CONSTRUCTION DOCUMENTS FOR COMPLETE INFORMATION PRIOR TO BID.
12. ALL MECHANICAL CONSTRUCTION DETAILS SHALL BE AS SHOWN AND AS REQUIRED TO MAINTAIN "UL" ASSEMBLY RATINGS AS SHOWN ON ARCHITECTURAL SHEETS. SEAL AROUND ALL PENETRATIONS THROUGH UL RATED ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.
13. NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, OR OTHER SYSTEMS SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING.
14. SPECIAL CARE SHALL BE TAKEN ON ROOFS TO PREVENT DAMAGE. ANY DAMAGE SHALL BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH BONDING REQUIREMENTS OF ROOF.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL ROOF PENETRATIONS AIR AND WATER TIGHT.
16. CLOSELY COORDINATE FINAL LOCATIONS OF INSTALLED EQUIPMENT TO ACHIEVE THE GREATEST ACCESSIBILITY FOR MAINTENANCE PURPOSES.
17. CONTRACTOR SHALL VISIT THE SITE TO ESTABLISH THE EXISTING CONDITIONS PRIOR TO DUCT, PIPE OR EQUIPMENT FABRICATION. SYSTEMS SHALL BE ERECTED USING FIELD MEASUREMENTS FOR COORDINATION WITH THE EXISTING EQUIPMENT, STRUCTURE, FIRE PROTECTION AND ELECTRICAL IN THE SPACE.
18. MAINTAIN THE SECURITY OF THE BUILDING AT ALL TIMES.
19. CORE DRILL ALL PIPING PENETRATIONS OF CONCRETE WALLS AND FLOORS.
20. ALL HVAC WORK TO BE PER SMACNA AND ALL APPLICABLE CODES. DUCT SIZES REPRESENT FREE AREA.
21. ALL LOW PRESSURE DUCTWORK THAT HAS TO BE OFFSET DUE TO AN OBSTRUCTION SHALL BE OFFSET WITH TWO - 45 DEGREE, 1.5 RADIUS ELBOWS UNLESS OTHERWISE NOTED.
22. PROVIDE ACCESS DOORS IN WALLS, FLOORS, OR CEILINGS FOR ACCESS TO ALL FIRE DAMPERS, SMOKE DAMPERS, EQUIPMENT, COILS, VALVES, AND BALANCING DAMPERS. ACCESS DOORS ARE NOT REQUIRED WHERE DEVICES ARE DIRECTLY ACCESSIBLE THROUGH AIR DEVICES.
23. PROVIDE FIRE DAMPERS AND SMOKE DAMPERS IN ALL RATED WALLS AS REQUIRED BY ALL AUTHORITIES HAVING JURISDICTION. SEAL AROUND ALL PENETRATIONS OF RATED WALLS, CHASES, CEILINGS, AND FLOORS TO MAINTAIN THE FIRE/SMOKE RATING OF THE ASSEMBLY.
24. ALL DUCTWORK UPSTREAM OF VAV BOXES SHALL BE CONSIDERED "MEDIUM-PRESSURE DUCT".
25. DUCT FITTINGS ARE AS FOLLOWS: 1) FLEX DUCT IS ONLY PERMITTED IN LINEAR DUCT RUNS. FLEX DUCT SHALL NOT BE USED WHERE DUCTWORK CHANGES DIRECTION. ALL ELBOWS SHALL BE HARD DUCTED. 2) ALL 90 DEGREE ELBOWS TO HAVE R/D = 1.5, UNLESS OTHERWISE NOTED. 3) ALL MITERED RECTANGULAR ELBOWS GREATER THAN 90 DEGREES NOTED ARE TO HAVE TURNING VANES. 4) SIDE TAKE-OFF FITTINGS SHALL BE EQUAL TO FLEXMASTER STODB03. 5) DAMPERS SHALL BE EQUAL TO FLEXMASTER SLDB03
26. PROVIDE BRANCH TAKEOFF AND DAMPER AT EACH CONNECTION OF ROUND OR RECTANGULAR BRANCH DUCTS TO A RECTANGULAR DUCT, SEE DETAILS.
27. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF FIRE AND SMOKE WALLS.
28. MAINTAIN A MINIMUM OF 10'-0" BETWEEN ALL FRESH AIR INTAKES AND PLUMBING VENTS, EXHAUST FAN DISCHARGE, AND FLUES. MAINTAIN MINIMUM CLEAR DISTANCE OF 5'0" BETWEEN PARAPET WALL AND ALL ROOF MOUNTED MECHANICAL EQUIPMENT.
29. ALL ROOF MOUNTED EQUIPMENT SHALL BE PROVIDED WITH MANUFACTURER'S FABRICATED CURBS WHICH FACILITATE LEVEL MOUNTING OF THE EQUIPMENT (I.E. FACTORY FABRICATED TO COMPENSATE FOR ROOF SLOPE). OBTAIN ROOF SLOPES AND DIRECTION OF SLOPE FROM ARCHITECTURAL AND/OR STRUCTURAL PLANS. ALL ROOF CURBS SHALL BE A MINIMUM OF 8" HIGH. SHIMMING OF CURBS IS NOT ACCEPTABLE.
30. ROOF PENETRATIONS AND FLASHING OR SEALING MUST COMPLY WITH ROOF MANUFACTURER'S RECOMMENDATIONS AND WARRANTY REQUIREMENTS.
31. ALL DUCTS SHALL BE MOUNTED HIGH AS POSSIBLE AGAINST BOTTOM OF STRUCTURE EXCEPT AS REQUIRED TO AVOID CONFLICTS WITH INTERSECTING SYSTEMS. DIAGONALLY OFFSET DUCTS IMMEDIATELY BEFORE AND AFTER PASSING UNDER INTERSECTING SYSTEMS TO MAINTAIN DUCT TIGHT TO STRUCTURE.
32. CONTRACTOR SHALL FIELD VERIFY ALL PIPE ROUTING AND ADJUST ELEVATIONS AS REQUIRED TO AVOID CONFLICTS. FINAL PLACEMENT OF PIPING SHALL BE DETERMINED BY FIELD MEASUREMENT AND VERIFICATION. ELEVATIONS ARE REFERENCED TO PIPE CENTERLINE UNLESS OTHERWISE NOTED.
33. DUCTWORK SHALL CONFORM TO THE FOLLOWING PRESSURE CLASSES: SUPPLY: 2" SP; RETURN/RELIEF/OUTSIDE AIR/EXHAUST: 2" SP. ALL DUCTWORK IS REQUIRED TO BE TESTED IN ACCORDANCE WITH THE SPECIFICATIONS.
34. ALL EQUIPMENT, DEVICES, AND FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
35. CONTRACTOR SHALL VERIFY CLOSELY AT SITE TRANSPORTATION OF NEW HVAC EQUIPMENT INTO MECHANICAL AREAS BEFORE BIDDING. PROVIDE COMPLETE DISASSEMBLY AND RE-ASSEMBLY OF NEW EQUIPMENT AS REQUIRED FOR A COMPLETE INSTALLATION.
36. PROVIDE FLEXIBLE CONNECTIONS AND TRANSITIONS ON DUCT INLET AND OUTLET CONNECTIONS TO ALL EQUIPMENT WITH MOVING PARTS.
37. DUCTWORK VISIBLE THROUGH RETURN AIR OPENINGS SHALL BE PAINTED FLAT BLACK TO REDUCE VISIBILITY.
38. EXPOSED DUCTWORK AND PIPING SHALL BE FURNISHED SUITABLE FOR PAINTING, AND SHALL BE PAINTED AS REQUIRED BY ARCHITECTURAL SPECIFICATIONS.
39. NOT ALL REQUIRED PIPING, VALVES, OR FITTINGS ARE SHOWN ON DRAWINGS FOR CLARITY. COORDINATE PLAN DETAILS WITH SPECIFICATIONS, SCHEMATICS, FLOW DIAGRAMS, AND OTHER DETAILS TO PROVIDE COMPLETE PIPING SYSTEMS.
40. COORDINATE WORK CLOSELY WITH CONTROL REQUIREMENTS. PROVIDE ALL NECESSARY DUCT TAPS, PIPE TAPS, WELLS, AND OTHER APPURTENANCES REQUIRED BY CONTROL SYSTEM. PROVIDE SPARE PIPE WELL ADJACENT TO EACH TEMPERATURE SENSOR IN PIPING.
41. REFER TO ARCHITECTURAL PLANS FOR CEILING GRILLE AND DIFFUSER LOCATIONS, FOR CEILING TYPE, AND FOR MOUNTING REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND INSTALL ALL AIR DEVICES WITH MOUNTING SYSTEM DESIGNED FOR MOUNTING SURFACE TYPE.
42. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS WITH WALL-MOUNTED DEVICES AND OWNER'S REPRESENTATIVE. MOUNT PER A.D.A. REQUIREMENTS. ANY THERMOSTAT THAT IS REQUIRED TO BE MOUNTED ON AN EXTERIOR WALL SHALL BE MOUNTED ON AN INSULATED PAD.
43. INSTALL SMOKE DETECTOR IN SUPPLY AND RETURN DUCT OF ALL AIR HANDLERS SUPPLYING GREATER THAN 2,000 CFM.
44. PROVIDE CONCRETE PADS FOR ALL GROUND MOUNTED EQUIPMENT.
45. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.
46. CONTRACTOR SHALL PATCH ALL WALLS, FLOORS, AND CEILINGS TO MATCH NEW FOR ALL OPENINGS CREATED BY INSTALLATION OF EQUIPMENT AND HVAC SERVICE PENETRATIONS.
47. ALL SUPPLY, RETURN, RELIEF, AND OUTSIDE AIR DUCTWORK SHALL BE EXTERNALLY INSULATED EXCEPT WHERE LINER, DOUBLE WALL LINED DUCT, OR FABRIC DUCT IS INDICATED. INSULATE TOPS OF SUPPLY AIR DIFFUSERS WITH 2" THICK FIBERGLASS DUCT WRAP. DO NOT INSULATE EXHAUST DUCTWORK EXCEPT FOR FIRE WRAP ON KITCHEN HOOD EXHAUST AND ON EXHAUST ASSOCIATED WITH DEDICATED OUTSIDE AIR UNITS (DOAS).
48. REFER TO SPECIFICATIONS FOR INSULATION AND R-VALUES FOR MECHANICAL PIPING AND DUCTWORK INSULATION.
49. SEE ARCHITECTURAL PLANS FOR ROOF PENETRATION DETAILS.
50. ALL HVAC COMPONENTS WITH ELECTRICAL REQUIREMENTS SHALL BE INSTALLED WITH ELECTRICAL INFRASTRUCTURE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM. IF NOT SPECIFICALLY SHOWN ON ELECTRICAL SCHEDULE, HVAC FIXTURES REQUIRING ELECTRICAL SERVICE SHALL BE FED FROM BREAKER OF ADEQUATE CAPACITY.
51. ALL CONTROL WIRING SHALL BE INSTALLED IN CONDUIT.
52. PLENUM CABLING SHALL HAVE ITS OWN SYSTEM OF SUPPORT AND BE STRUCTURALLY SOUND. ATTACHMENT TO CEILING GRID AND HANGER WIRES IS PROHIBITED. WHERE NOT INSTALLED IN CONDUIT, CABLING SHALL BE RUN IN CABLE HOOKS. CABLING LAYING ON CEILING TILES IS PROHIBITED.
53. CONTRACTOR SHALL PROVIDE FURR DOWN AND ANY OTHER CEILING MODIFICATIONS NEEDED TO ACCOMMODATE DUCTWORK PENETRATIONS.
54. PROVIDE ALL HVAC UNITS WITH AN EXTRA SET OF MANUFACTURER'S RECOMMENDED FILTERS AFTER PROJECT COMPLETION.
55. REFER TO STRUCTURAL ENGINEERING CONTRACT DOCUMENTS FOR PROJECT SEISMIC DESIGN CRITERIA. PROVIDE VIBRATION ISOLATION AND SEISMIC RESTRAINT SYSTEMS FOR EQUIPMENT, DUCTWORK, AND PIPING AS REQUIRED.
56.

SEISMIC DESIGN NOTES:

1. BUILDING RISK CATEGORY: **CATEGORY II**
2. SEISMIC DESIGN CATEGORY: **SDC C**
3. ALL MECHANICAL SYSTEMS AND EQUIPMENT CONVEYING TOXIC, EXPLOSIVE, OR HAZARDOUS MATERIALS SHALL BE SUPPORTED IN ACCORDANCE WITH ASCE 7-16 REQUIREMENTS. THESE SYSTEMS INCLUDE:
   A. NATURAL GAS-FIRED EQUIPMENT.
4. NATURAL GAS-FIRED MECHANICAL OR PLUMBING EQUIPMENT SHALL HAVE FLEXIBLE CONNECTIONS, AND SHALL BE SUPPORTED IN ACCORDANCE WITH ASCE 7-16 REQUIREMENTS.
5. SEISMIC BRACING DESIGN DOCUMENTS SHALL BE STAMPED BY A LICENSED ENGINEER.
6. FINAL DETERMINATION OF SEISMIC DESIGN PARAMETER SHALL BE PER STRUCTURAL DOCUMENTS.

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No.1323 — REGISTERED PROFESSIONAL ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No.14267 — MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

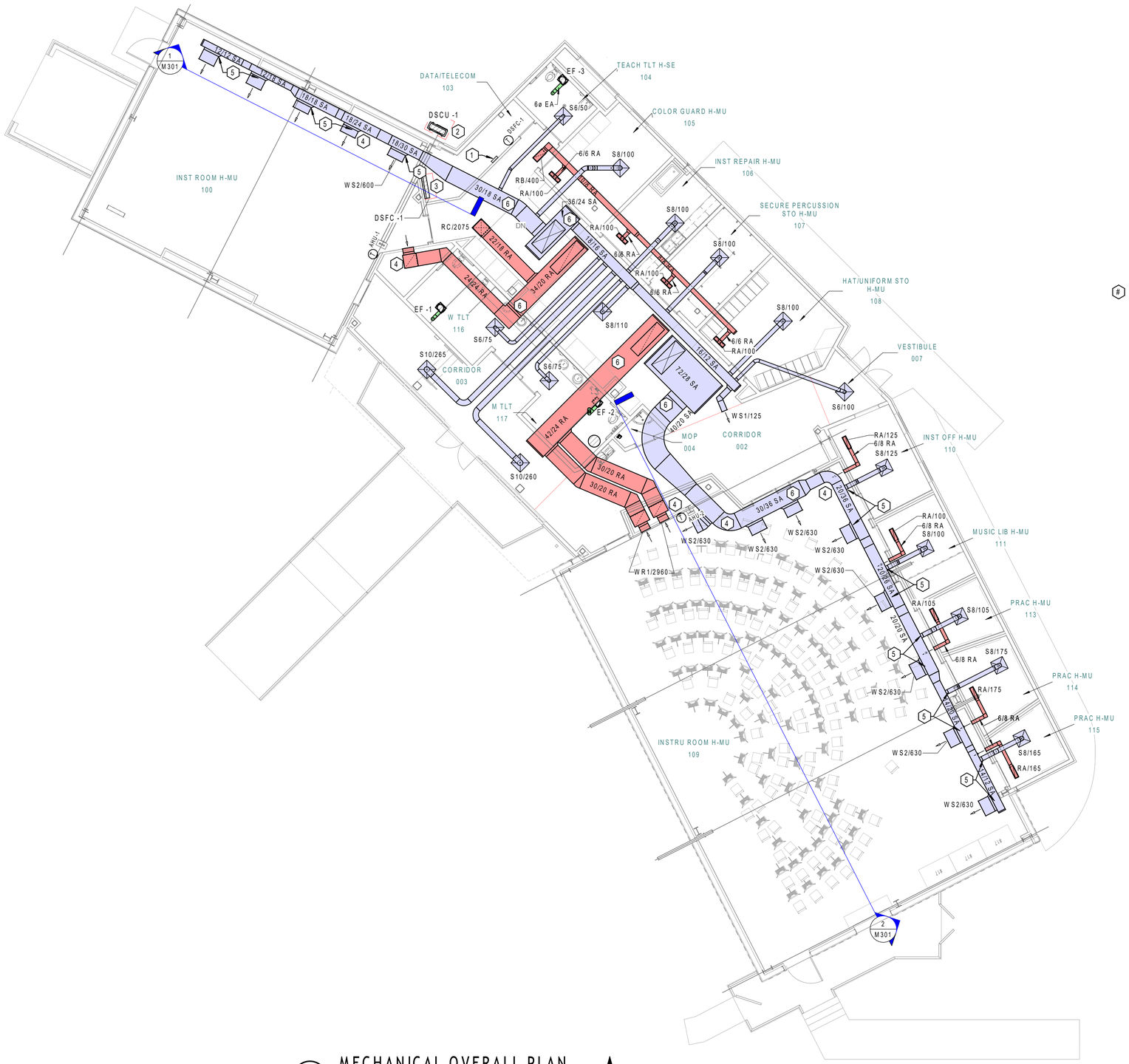
Sheet Title
MECHANICAL NOTES AND LEGENDS

Sheet Number
M100

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



HVAC -- BRANCH DUCT CONNECTION SIZES

***Note: For Rectangular Ducts, shortest dimension reflects depth uno.*

DESIGNATION	INLET Ø	INLET HT.	INLET W.
S6	6"		
S8	8"		
S10	10"		
WR1		42"	18"
WR2		42"	20"
WS1		6"	10"
WS2		6"	30"
XFR1		8"	6"

(#) KEYED NOTES:

1. PROVIDE HVAC BUILDING AUTOMATION CONTROL PANEL LOCATED THIS ROOM. COORDINATE FINAL LOCATION TO AVOID CONFLICTS WITH OTHER EQUIPMENT AND CLEARANCES WITHIN ROOM.
2. PROVIDE CONCRETE PAD FROM EDGE OF BUILDING TO EXTENTS OF CONDENSER CLEARANCE. COORDINATE WITH CIVIL.
3. ROUTE PUMPED CONDENSATE FROM DSFC TO CONDENSATE MAIN OVERHEAD AND CONCEALED ABOVE CEILINGS PER DETAIL. ROUTE TO NORTH EXTERIOR WALL AND DROP WITHIN INSULATION BOUNDARY. DISCHARGE LOW IN WALL TO LANDSCAPING, APPROXIMATELY 8" ABOVE FINISHED GRADE.
4. DUCT SHALL BE CONCEALED IN FURR DOWN OR CHASE. COORDINATE WITH ARCHITECTURAL. TYPICAL FOR ALL DUCT THIS ROOM.
5. PROVIDE 16/16 ACCESS DOOR IN BOTTOM OF FURR DOWN FOR ACCESS TO BALANCING DAMPERS IN BRANCH DUCT TAKEOFFS, TYPICAL OF ALL. LIMIT ACCESS DOOR QUANTITY WHERE ONE DOOR CAN ACCESS MULTIPLE DAMPERS. COORDINATE LOCATIONS WITH LIGHTS, CEILING, AND STRUCTURE.
6. PROVIDE ALL SA AND RA DUCT MAINS FROM AHU-1 AND AHU-2 AS INTERNALLY-LINED FOR SOUND ATTENTUATION.

1 MECHANICAL OVERALL PLAN

1/8" = 1'-0"

NORTH

General Notes

HVAC GENERAL NOTES:

1. THERMOSTATS SHALL BE MOUNTED PER ADA REQUIREMENTS, 44" AFF.
2. MOUNT ALL WALL-MOUNTED MINI-SPLIT FAN COILS AT APPROX. 7'-10" A.F.F. ADJUST HEIGHT AS REQUIRED FOR COORDINATION WITH OTHER SYSTEMS IN ROOM.
3. PROVIDE MANUAL BALANCING DAMPERS AT EACH BRANCH TAKEOFF AND FINAL TRANSITION FROM DUCT MAIN. REFER TO MECHANICAL DETAILS FOR FURTHER REQUIREMENTS. FOR DUCT IN FURR DOWN IN INSTRUMENT ROOMS, PROVIDE MANUAL DAMPERS AFTER EACH DUCT SIZE TRANSITION WITH ACCESS DOOR AS NOTED.
4. ALL DUCT SHALL BE CONCEALED. COORDINATE WITH ARCHITECT FOR FINAL CEILING HEIGHTS TO ACCOMMODATE DUCTWORK.
5. ALL THERMOSTATS, INCLUDING THOSE ASSOCIATED WITH MINI-SPLITS, SHALL BE HARD-WIRED AND WALL-MOUNTED.

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No. 1323 — CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 14267 — MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

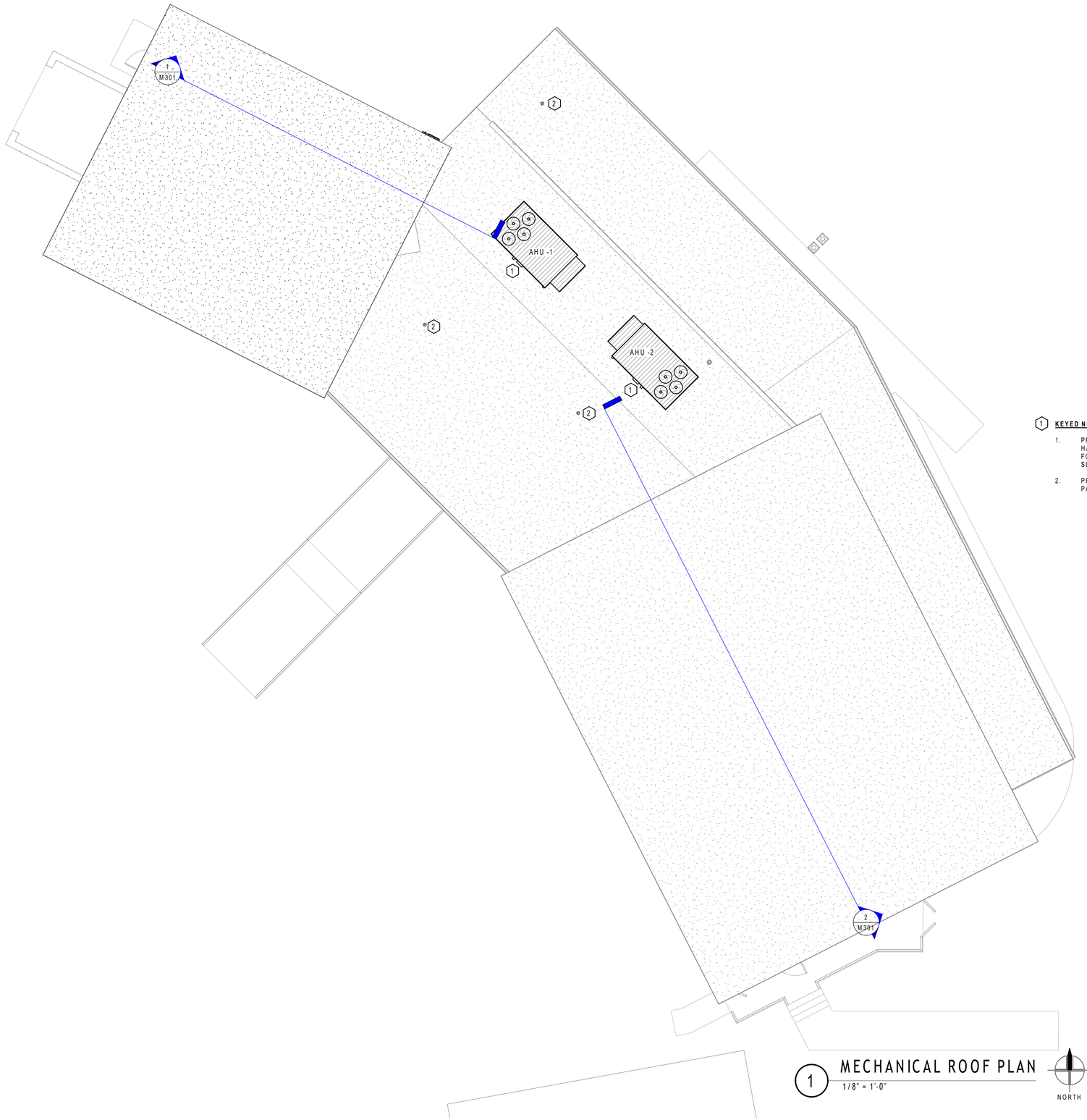
Sheet Title
MECHANICAL OVERALL FLOOR PLAN

Sheet Number
M101

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



1 **KEYED NOTES:**

1. PROVIDE SCH 40 PVC CONDENSATE TRAP AND DRAIN AT AIR HANDLER CONNECTION. ROUTE CONDENSATE SLOPED 1/8" PER FOOT TO STORM WATER COLLECTION POINT. PROVIDE ROOF PIPE SUPPORT EVERY 5 FT, MINIMUM. RE: PLUMBING.
2. PROVIDE ROOF JACK FOR EXHAUST DUCT TERMINATION. PROVIDE PAINED FINISH TO MATCH ROOF.

1 MECHANICAL ROOF PLAN
1/8" = 1'-0"

NORTH

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
MECHANICAL ROOF PLAN

Sheet Number
M102

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

HVAC -- AHU - PACKAGED SCHEDULE

DESIGNATION					AIRFLOWS		SUPPLY FAN	COOLING DATA						HEATING DATA			ELECTRCIAL DATA				
										ENTERING		LEAVING									
TYPE	MARK	DESCRIPTION	MANUFACTURER	MODEL	SUPPLY AIR	OUTSIDE AIR (MAX @ 100 DEG) F)	EXTERNAL STATIC PRESS.	GROSS COOLING	NET SENSIBLE COOLING	DB	WB	DB	WB	TYPE	INPUT	OUTPUT	VOLTAGE	PHASE	MCA	MOCP	REMARKS
AHU	1	DX PACKAGED ROOFTOP UNIT	Carrier	48WE5H17L2M5-ZM4C0	4,460 CFM	1,255 CFM	1.00 in-wg	154,530 Btu/h	149,390 Btu/h	82 °F	67 °F	55 °F	55 °F	NAT. GAS	225,000 Btu/h	182,300 Btu/h	208 V	3	84.0 A	100 A	
AHU	2	DX PACKAGED ROOFTOP UNIT	Carrier	48WE5H17L2M5-ZM4C0	5,710 CFM	1,750 CFM	1.00 in-wg	175,950 Btu/h	149,390 Btu/h	83 °F	67 °F	58 °F	58 °F	NAT. GAS	225,000 Btu/h	182,300 Btu/h	208 V	3	84.0 A	100 A	

RTU SCHEDULE NOTES: ALL UNITS SHALL BE PROVIDED WITH THE FOLLOWING:

1. MODULATING GAS HEAT WITH MINIMUM 5:1 TURNDOWN CAPACITY
2. PREMIUM EFFICIENCY MOTOR AND VFD, VFD CONDENSER FAN, AND THREE STAGE COOLING
3. FACTORY DISCONNECT AND 120 VOLT, UNPOWERED CONVENIENCE OUTLET
4. DOUBLE WALL INSULATED CABINET CONSTRUCTION IN AIRSTREAM AND HINGED ACCESS DOORS WITH TOOL-LESS ACCESS.
5. SEISMIC/WIND-RATED CURB (TO MEET SEISMIC CALCULATIONS), 14" HIGH UNLESS NOTED OTHERWISE.
6. VIBRATION ISOLATION BASE.
7. NON-CORROSIVE COMPOSITE DRAIN PAN.
8. SUPPLY AND RETURN SMOKE DETECTORS.
9. UNIT SHALL HAVE A MINIMUM OPERATING EFFICIENCY RATING (EER) OF 12.5 OR 16.5 IEER AT DESIGN CONDITIONS.
10. MERV 8 - 2" PLEATED FILTERS. PROVIDE EXTRA SET OF FILTERS PER UNIT TO OWNER UPON PROJECT COMPLETION.
11. FULLY ACTIVE EVAPORATOR COIL
12. BAROMETRIC RELIEF DAMPER
13. CLOGGED FILTER SWITCH
14. MODULATING HGRH
15. LOW LIMIT CONTROLS
16. PHASE & BROWN OUT PROTECTION
17. COMPRESSOR SOUND BLANKETS
18. CONDENSER HAIL GUARDS
19. CONDENSATE OVERFLOW SWITCH
20. MODULATING OUTSIDE AIR DAMPER WITH COMPARATIVE ENTHALPY CONTROLLED ECONOMIZER AND DEMAND CONTROL VENTILATION.
21. PROVIDE AS CARRIER OR APPROVED EQUAL. UNIT AND MANUFACTURER RECOMMENDED CLEARANCES SHALL FIT WITHIN THE ROOF AREA PROVIDED.

HVAC -- AIR TERMINAL SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	AIRFLOW DATA		INLET SIZE			FACE SIZE		MAX. NOISE CRITERIA	OPTIONS			
				MIN FLOW	MAX FLOW	DIAMETER	WIDTH	LENGTH	W	L		FACE STYLE	DAMPER STYLE	MATERIAL	MOUNTING
RA	Titus	50F	EGGCRATE RETURN GRILLE	230 CFM	540 CFM		22"	6"	24"	8"	25	EGGCRATE	OPPOSED BLADE	ALUMINUM	SURFACE MOUNT
RB	Titus	50F	EGGCRATE RETURN GRILLE	410 CFM	960 CFM		22"	10"	24"	12"	25	EGGCRATE	OPPOSED BLADE	ALUMINUM	SURFACE MOUNT
RC	Titus	50F	EGGCRATE RETURN GRILLE	940 CFM	2,200 CFM		22"	22"	24"	24"	25	EGGCRATE	OPPOSED BLADE	ALUMINUM	SURFACE MOUNT
S6	Titus	OMNI-06-1-24x24-26	SQUARE PLAQUE DIFFUSER	80 CFM	215 CFM	6			24"	24"	25	PLAQUE	OPPOSED BLADE	STEEL	LAY-IN CEILING
S8	Titus	OMNI-08-1-24x24-26	SQUARE PLAQUE DIFFUSER	140 CFM	350 CFM	8			24"	24"	25	PLAQUE	OPPOSED BLADE	STEEL	LAY-IN CEILING
S10	Titus	OMNI-10-1-24x24-26	SQUARE PLAQUE DIFFUSER	220 CFM	505 CFM	10			24"	24"	25	PLAQUE	OPPOSED BLADE	STEEL	LAY-IN CEILING
WR1	Titus	350FS	35° DEFLECTION SIDEWALL RETURN GRILLE	495 CFM	2,610 CFM		18"	42"	20"	44"	25	HORIZONTAL DEFLECTION BLADES	OPPOSED BLADE	ALUMINUM	SURFACE MOUNT
WR2	Titus	350FS	35° DEFLECTION SIDEWALL RETURN GRILLE	495 CFM	2,610 CFM		20"	42"	22"	44"	25	HORIZONTAL DEFLECTION BLADES	OPPOSED BLADE	ALUMINUM	SURFACE MOUNT
WS1	Titus	300FL	ADJUSTABLE DOUBLE DEFLECTION SIDEWALL SUPPLY GRILLE	100 CFM	255 CFM		10"	6"	12"	8"	25	DOUBLE DEFLECTION BLADES	OPPOSED BLADE	ALUMINUM	SURFACE MOUNT
WS2	Titus	300FL	ADJUSTABLE DOUBLE DEFLECTION SIDEWALL SUPPLY GRILLE	335 CFM	720 CFM		30"	6"	32"	8"	25	DOUBLE DEFLECTION BLADES	OPPOSED BLADE	ALUMINUM	SURFACE MOUNT
XFR1	Titus	350FL	35° DEFLECTION SIDEWALL RETURN GRILLE	25 CFM	180 CFM		6"	8"	8"	10"	25	HORIZONTAL DEFLECTION BLADES	OPPOSED BLADE	ALUMINUM	SURFACE MOUNT

AIR TERMINAL SCHEDULE NOTES:

1. CONTRACTOR SHALL PROVIDE ALL AIR DISTRIBUTION DEVICES WITH MANUFACTURER'S MOUNTING SYSTEM FOR CEILINGS ON WHICH DEVICE SHALL BE MOUNTED.
2. CONTRACTOR SHALL SUBMIT MANUFACTURER'S COLOR OPTIONS TO ARCHITECT BEFORE ORDERING AIR DISTRIBUTION DEVICES.
3. GRILLES MOUNTED ON SIDEWALLS OR ON EXPOSED DUCTWORK SHALL MATCH THE HOST WALL OR HOST DUCT COLOR AS APPLIES.

HVAC -- EXHAUST FAN SCHEDULE

DESIGNATION		MANUFACTURER	MODEL	LOCATION		EXHAUST AIR CFM	EXTERNAL STATIC PRESSURE	ELECTRIC MOTOR DATA				SOUND LEVEL (SONES)	REMARKS
TYPE	MARK			ROOM	NUMBER			VOLTAGE	PHASE	DRIVE	RPM		
EF	1	LOREN COOK COMPANY	GC-168	W TLT	116	150 CFM	0.25 in-wg	120 V	1	DIRECT	1094	3.0	
EF	2	LOREN COOK COMPANY	GC-168	M TLT	117	150 CFM	0.25 in-wg	120 V	1	DIRECT	1094	3.0	
EF	3	LOREN COOK COMPANY	GC-148	TEACH TLT H-SE	104	75 CFM	0.25 in-wg	120 V	1	DIRECT	756	0.9	

INDOOR EXHAUST FAN SCHEDULE NOTES:

1. EXHAUST FANS SHALL BE PROVIDED WITH SOLID STATE SPEED CONTROLLER, DISCHARGE BACKDRAFT DAMPER AND DISCONNECT SWITCH.
2. EXHAUST FANS SHALL BE PROVIDED WITH MANUFACTURER'S ISOLATOR KIT.
3. EXHAUST FANS SHALL BE INTERLOCKED WITH LIGHT SWITCH OF ROOM THE FAN SERVES.
4. EXHAUST FANS SHALL BE SUPPORTED BY STRUCTURE BY MEANS OF ALL THREAD RODS AND MANUFACTURER'S MOUNTING BRACKETS.

HVAC -- DUCTLESS SPLIT FAN COIL SCHEDULE

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	COOLING DATA		HEATING DATA	REMARKS
TYPE	MARK				MAX SUPPLY AIR	TOTAL COOLING	HEATING	
DSFC	1	WALL-MOUNTED MINISPLIT	SAMSUNG	AC024BNADCH/AA (CNH24ADB)	629 CFM	24,000 Btu/h	40,000 Btu/h	

DUCTLESS/MINI-SPLIT INDOOR UNIT SCHEDULE NOTES:

1. PROVIDE WITH HARD-WIRED WALL MOUNTED THERMOSTAT LOCATED PER PLANS AND CONDENSATE PUMP.
2. INDOOR UNIT POWERED FROM OUTDOOR UNIT.

HVAC -- DUCTLESS SPLIT CONDENSER SCHEDULE

DESIGNATION		DESCRIPTION	MANUFACTURER	MODEL	ELECTRICAL DATA				REMARKS
TYPE	MARK				VOLTAGE	PHASE	MCA	MOCP	
DSCU	1	MINISPLIT CONDENSER	SAMSUNG	AC024BXADCH/AA (CXH24ADB)	208 V	1	24.1 A	30.0 A	

DUCTLESS/MINI-SPLIT CONDENSER SCHEDULE NOTES

1. FURNISH AND INSTALL WITH 6" REINFORCED CONCRETE PAD WITH CHAMFERED CORNERS TO SHED WATER.
2. PROVIDE UNITS WITH LOW-AMBIENT CONTROL AND HAIL GUARDS.
3. OUTDOOR UNIT AND INDOOR UNIT SHALL BE PROVIDED FROM SAME MANUFACTURER, AND BE FULLY COMPATIBLE WITH EACH OTHER.
4. PROVIDE WITH DISCONNECT, COORDINATE WITH ELECTRICAL.

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC No. 1323 — REGISTERED PROFESSIONAL ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 14267 — MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

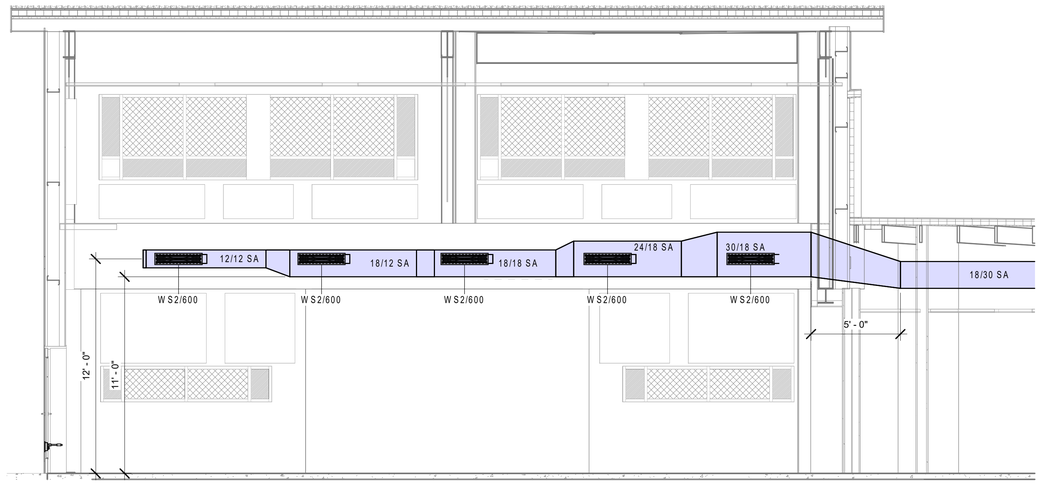
Sheet Title
MECHANICAL SCHEDULES

Sheet Number
M201

Copyright © 2025 JBP

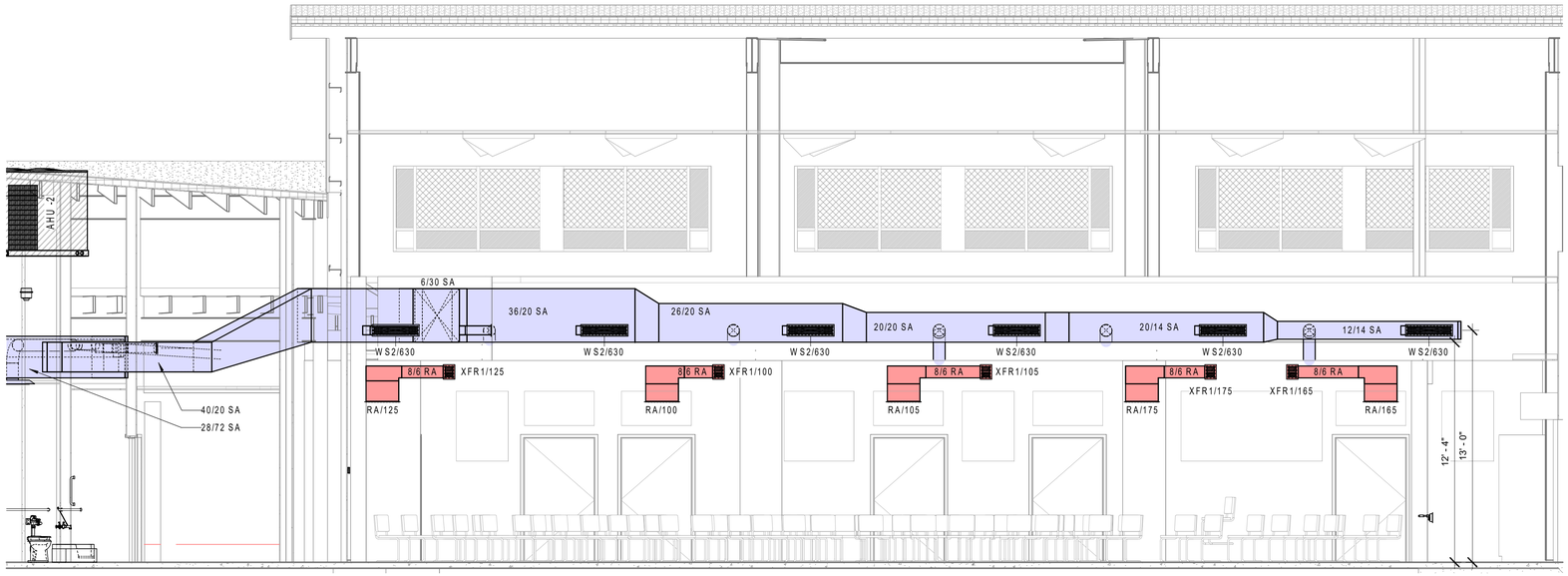
BROWN ENGINEERS
17200 Chenal Pkwy,
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



1 HVAC SECTION I

1/4" = 1'-0"



2 HVAC SECTION II*

1/4" = 1'-0"

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No. 1322 — CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — MELANIE C. RICHARDSON — No. 14261

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title

MECHANICAL SECTIONS

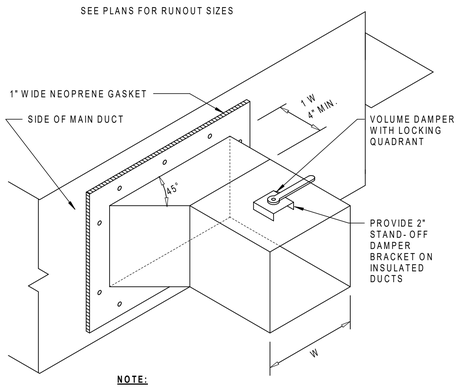
Sheet Number

M301

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

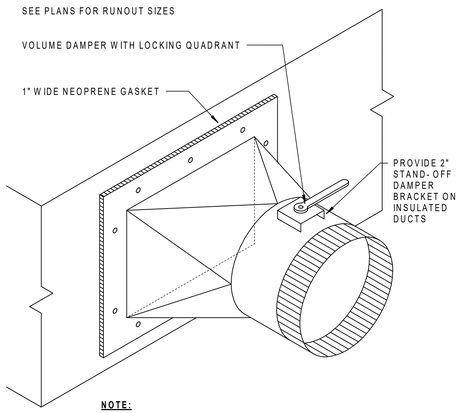


NOTE:

1. DAMPER SHALL BE EQUAL TO RUSKIN MD35.

1 BRANCH DUCT FITTING-RECTANGULAR

NOT TO SCALE

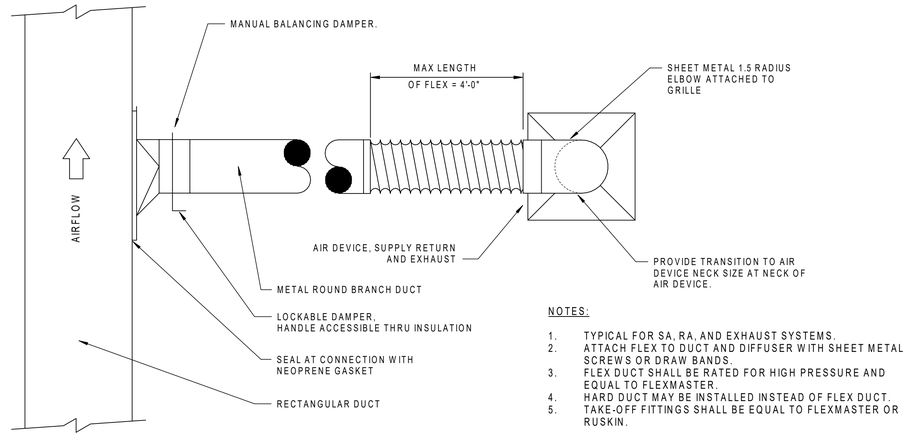


NOTE:

1. SIDE TAKE-OFF FITTINGS SHALL BE EQUAL TO FLEXMASTER STOD.

2 BRANCH DUCT FITTING-ROUND

NOT TO SCALE

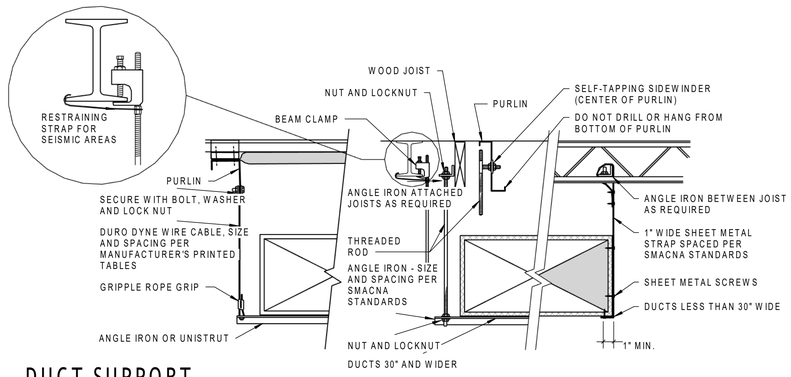


NOTES:

1. TYPICAL FOR SA, RA, AND EXHAUST SYSTEMS.
2. ATTACH FLEX TO DUCT AND DIFFUSER WITH SHEET METAL SCREWS OR DRAW BANDS.
3. FLEX DUCT SHALL BE RATED FOR HIGH PRESSURE AND EQUAL TO FLEXMASTER.
4. HARD DUCT MAY BE INSTALLED INSTEAD OF FLEX DUCT.
5. TAKE-OFF FITTINGS SHALL BE EQUAL TO FLEXMASTER OR RUSKIN.

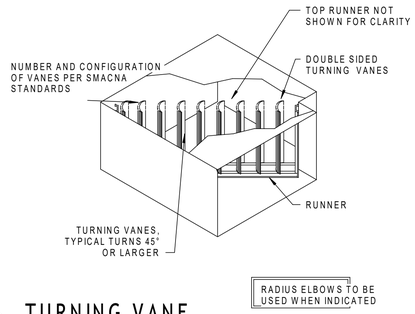
3 BRANCH DUCT TAKE OFF

NOT TO SCALE



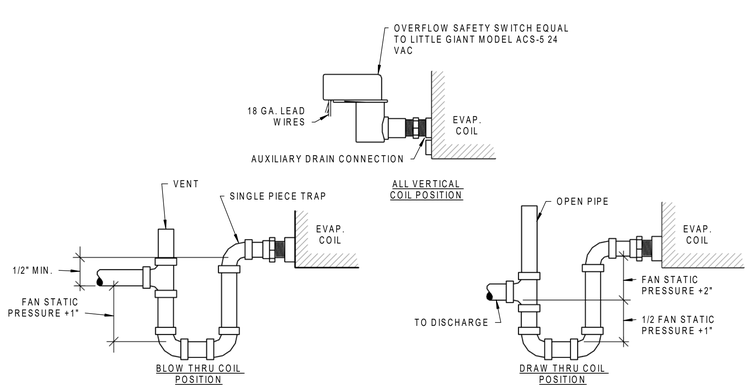
4 DUCT SUPPORT

NOT TO SCALE



5 TURNING VANE

NOT TO SCALE

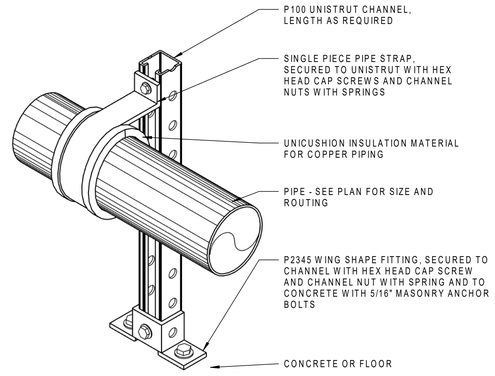


NOTES:

1. RUNNING TRAPS WILL NOT BE ACCEPTED.
2. INSTALL FACTORY FURNISHED TRAP WITH OUTSIDE AIR UNITS.
3. CONDENSATE DISCHARGE LOCATION SHALL MEET REQUIREMENTS OF ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.

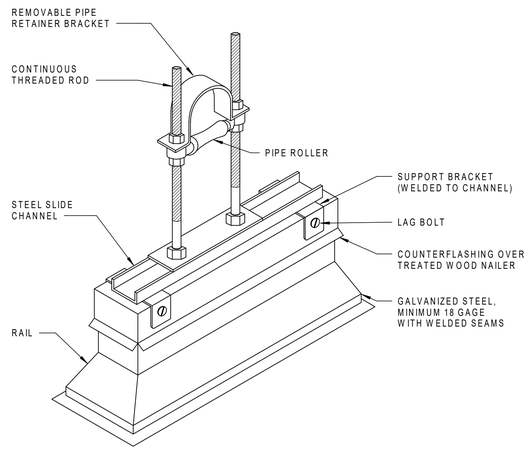
6 CONDENSATE TRAP

NOT TO SCALE



7 PIPE SUPPORT

NOT TO SCALE



NOTE: ALL PRE-MANUFACTURED ROOF PIPE SUPPORTS SHALL BE EQUAL TO DURA-BLOK

8 ROOF MOUNTED PIPING SUPPORT

NOT TO SCALE

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

CERTIFICATE OF AUTHORIZATION BROWN ENGINEERS, LLC No.1321 STATE ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.14267 MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

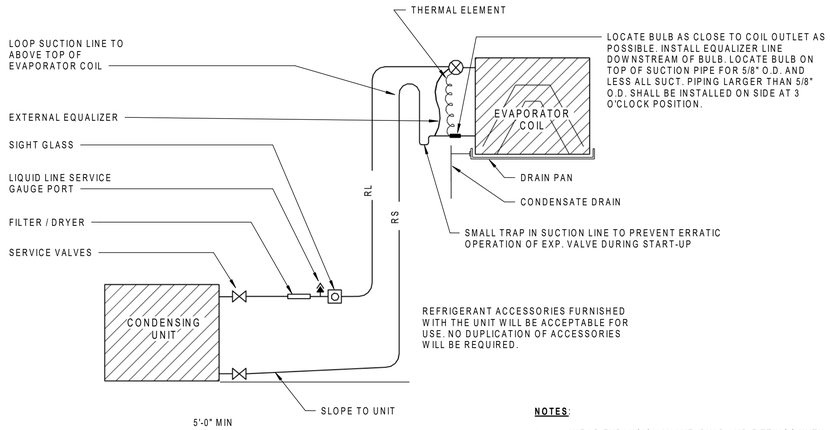
Sheet Title
MECHANICAL DETAILS I

Sheet Number
M401

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

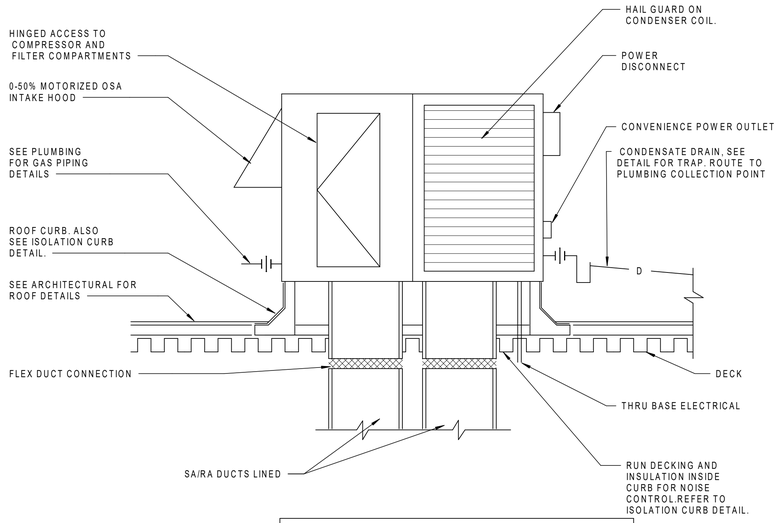


NOTES:

1. WRAP EXPANSION VALVE, BULB AND FITTINGS WITH ARMAFLEX INSULATION TAPE AND SECURE WITH BLACK CABLE TIES.
2. TRAP AND LOOP AT EVAPORATOR COIL IS NOT REQUIRED FOR UNITS WITH LIQUID LINE SOLENOID VALVES.
3. SUCTION LINES SHALL BE INSULATED. LIQUID LINES SHALL BE INSULATED ONLY ON DUCTLESS MINI-SPLITS.

1 REFRIGERANT PIPING

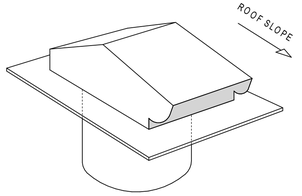
NOT TO SCALE



ROOF CURB TO BE PROVIDED BY THE UNIT MANUFACTURER. COORDINATE ALL REQUIREMENTS WITH GENERAL CONTRACTOR FOR SLOPE AND ROOF CONSTRUCTION. ROOFING CONTRACTOR TO INSTALL CURB AND FLASH WEATHER TIGHT.

2 PACKAGED UNIT - ROOF

NOT TO SCALE

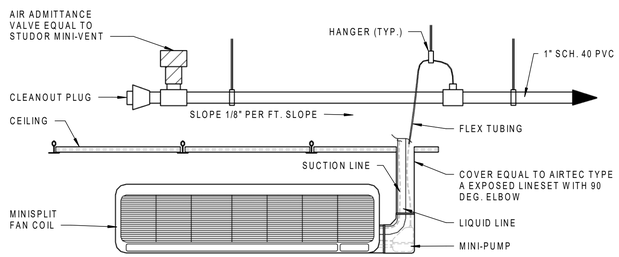


NOTES:

1. ROOF JACK SHALL BE EQUAL TO GREENHECK MODEL RJ. FOR USE IN LOW-VOLUME EXHAUST APPLICATIONS (300 CFM OR LESS).
2. ROOF JACK SHALL HAVE BIRDSCREEN AND BACKDRAFT DAMPER.
3. COORDINATE FINISH WITH ARCHITECT.
4. PROVIDE NECK ADAPTOR AS REQUIRED FOR CONNECTION TO ROUND DUCT.

3 EXHAUST ROOF JACK

NOT TO SCALE



4 DUCTLESS WALL MINISPLIT

NOT TO SCALE

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No. 1323 — CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 14267 — MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

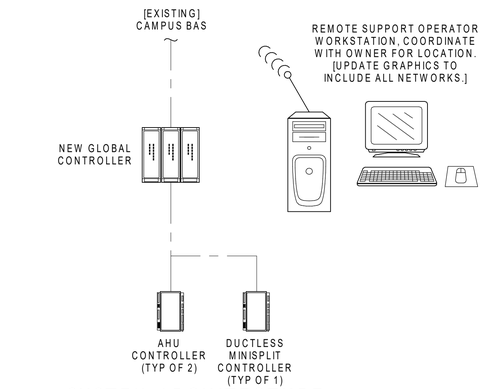
Sheet Title
MECHANICAL DETAILS II

Sheet Number
M402

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



1 SYSTEM ARCHITECTURE

NOT TO SCALE

HVAC CONTROLS GENERAL NOTES:

CONTRACTOR SHALL FURNISH AND INSTALL BUILDING AUTOMATION SYSTEM (BAS) AS FOLLOWS:

- WEB ENABLED NATIVE BACNET BUILDING CONTROLLER AND EQUIPMENT CONTROLLERS CAPABLE OF ALL HVAC SYSTEMS INTEGRATION AND MONITORING AS SHOWN.
- INTEGRATION OF BUILDING CONTROLLER INTO EXISTING CAMPUS FRONT END BY JOHNSON CONTROLS

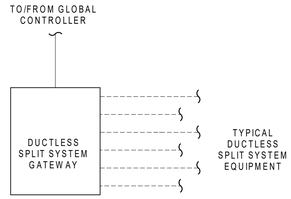
DUCTLESS SPLIT SYSTEM MONITORING (DSFC / DSCU):

EQUIPMENT SHALL BE CONTROLLED BY WALL MOUNTED, HARD-WIRED MANUFACTURER SUPPLIED THERMOSTAT WITH 78 DEG SPACE TEMPERATURE SETPOINT.

DDC SHALL MONITOR SPACE TEMPERATURE AND ALARM ON SPACE TEMP ABOVE 90°F.

TOILET EXHAUST FANS SHALL INTERLOCK WITH LIGHTING

CONTRACT DOCUMENT CONTROLS DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ONLY ILLUSTRATE CONTROLS AS REQUIRED TO ACHIEVE DESIGN INTENT. CONTROLS CONTRACTOR SHALL PROVIDE ALL INSTRUMENTATION AND PROGRAMMING AS REQUIRED TO FURNISH A FULLY FUNCTIONING SYSTEM.



2 DUCTLESS SPLIT SYSTEM CONTROLS

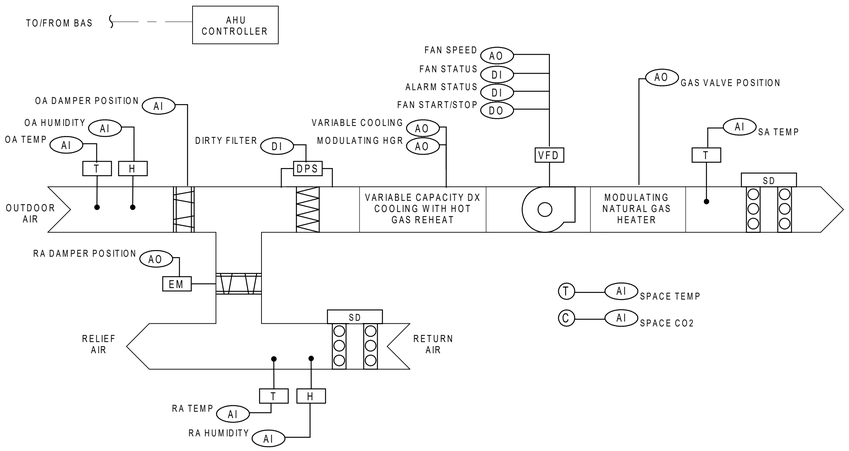
NOT TO SCALE

SEQUENCE OF OPERATION

BAS SHALL COMMUNICATE ADJUSTABLE SPACE TEMPERATURE SETPOINT TO 74 DEG COOLING, 65 DEG F HTG.

DUCTLESS SPLIT SYSTEM MANUFACTURER FURNISHED GATEWAY SHALL ENERGIZE DUCTLESS SPLIT EQUIPMENT IN SEQUENCE TO MAINTAIN SCHEDULED TEMPERATURE SETPOINTS.

GATEWAY SHALL FULLY COMMUNICATE ALL DUCTLESS SPLIT EQUIPMENT DATA CONTROL POINTS TO BAS.



3 AHU CONTROLS

NOT TO SCALE

AHU SEQUENCE OF OPERATION

BAS SHALL COMMUNICATE SCHEDULED ADJUSTABLE SPACE TEMPERATURE SETPOINT TO BE EITHER OCCUPIED (74 DEG CLG, 72 DEG HTG) OR UNOCCUPIED (68 DEG HEATING, 78 DEG COOLING) WITH MANUAL TIMED OVERRIDE.

AHU CONTROLLER SHALL ENERGIZE SUPPLY FAN AND MODULATE VARIABLE CAPACITY DX COOLING, HOT GAS REHEAT, AND NATURAL GAS HEAT IN SEQUENCE TO MAINTAIN SPACE TEMPERATURE SETPOINTS.

ECONOMIZER MODE

CONTROLLER SHALL MODULATE RETURN AIR AND OUTDOOR AIR DAMPERS IN SEQUENCE PER MANUFACTURER FURNISHED DIFFERENTIAL ENTHALPY ECONOMIZER CONTROLS.

DEMAND CONTROL VENTILATION

AHU CONTROLLER SHALL MODULATE RETURN AIR AND OUTDOOR AIR DAMPERS TO MAINTAIN ADJUSTABLE SPACE CO2 SETPOINT AT 1000 PPM.

SUPPLY AND RETURN DUCT SMOKE DETECTORS SHALL SOUND FIRE ALARM SYSTEM. BAS CONTROLLER SHALL MONITOR FIRE ALARM PANEL AND DE-ENERGIZE SUPPLY FAN AND CLOSE THE DAMPERS UPON SENSING PRODUCTS OF COMBUSTION.

CONTROLLER SHALL COMMUNICATE FAN STATUS, SUPPLY AIR TEMPERATURE, AND DIRTY FILTER ALARMS TO BAS.

HVAC CONTROLS LEGEND

	CONTROL WIRING
	BAS TRUNK CABLING
	CONTROL DAMPER BY CONTROL SYSTEM MANUFACTURER, UNLESS OTHERWISE NOTED.
	FAN
	PUMP
SD	DUCT SMOKE DETECTOR
	FILTER
	FILTER MAGNEHELIC GAUGE BY FILTER MANUFACTURER
EM	ELECTRIC TWO-WAY, MODULATING CONTROL VALVE UNLESS NOTED AS TWO-POSITION
EM	ELECTRIC THREE-WAY, MODULATING CONTROL VALVE UNLESS NOTED AS TWO-POSITION
	FAN OR PUMP STARTER W / HOA
LL	LOW LIMIT TEMPERATURE CONTROLLER DAMPER
DPS	DIFFERENTIAL PRESSURE SWITCH
VFD	VARIABLE FREQUENCY DRIVE BY CONTROL MANUFACTURER
EM	ELECTRIC DAMPER OPERATOR
T	TEMPERATURE SENSOR
H	HUMIDITY SENSOR
CS	CURRENT SENSOR
AMS	AIRFLOW MEASURING STATION
HOS	FUME HOOD OCCUPANCY SENSOR
ODP	FUME HOOD OPERATOR DISPLAY PANEL
HSS	FUME HOOD SASH POSITION SENSOR
AFM	AIR FLOW MEASUREMENT SIGNAL
DFA	DIRTY FILTER ALARM
P	PRESSURE SENSOR
HPA	HIGH PRESSURE ALARM
SP	STATIC PRESSURE SENSOR
HHL	HUMIDITY HIGH LIMIT SENSOR
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
C	COMMON
CV	CONSTANT VOLUME
T	SPACE TEMPERATURE SENSOR
H	SPACE HUMIDITY SENSOR
P	SPACE PRESSURE SENSOR
C	SPACE CO2 SENSOR
AI	ANALOG INPUT
AO	ANALOG OUTPUT
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No. 1323 — CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — MELANIE C. RICHARDSON — No. 14264

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
MECHANICAL CONTROLS

Sheet Number
M501

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

PLUMBING LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
SS	SANITARY SEWER
GW	SANITARY - GREASE WASTE
AW	SANITARY - ACID WASTE
SD	STORM DRAIN
V	VENT
G	NATURAL GAS
CD	CONDENSATE DRAIN

VALVING

BFV BFV	BUTTERFLY VALVE (lever operator)
BFV BFV	BUTTERFLY VALVE (wheel operator)
GV GV	GATE VALVE
CHK CHK	CHECK VALVE
PV PV	PLUG VALVE
ST ST	STRAINER (Y-TYPE)
BV BV	BALL VALVE

* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

ABBREVIATION OR SYMBOL	DESCRIPTION
	FLEXIBLE PIPING
	EXISTING PIPING TO REMAIN (refer to line designation)
	EXISTING TO BE REMOVED (back to point indicated)
	CONNECT TO EXISTING
FL -1.2| -1.00' ToP -0.75'	BELOW GRADE PIPING (fine dash)
	PIPE ELEVATION CALLOUTS

THREADED WATER & GAS PIPING

	PIPE DOWN
	PIPE UP
	THREADED TEE DOWN
	THREADED TEE UP
	BRANCH - BOTTOM OF PIPE
	BRANCH - TOP OF PIPE
	90 DEGREE ELBOW
	45 DEGREE ELBOW
	TEE
	UNION

ABBREVIATION OR SYMBOL	DESCRIPTION
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
FFE	FINISH FLOOR ELEVATION
FL	FLOW LINE
PRV	PRESSURE REDUCING VALVE
ToP	TOP OF PIPE
N.B.	NICKEL BRONZE
	PIPE PENETRATION (through floor/wall/etc)
	DCW ROUGH-IN
	DHW ROUGH-IN

LONG RADIUS SEWER & VENT PIPING

	PIPE DOWN
	PIPE UP
	PIPE WYE DOWN
	PIPE WYE UP
	BRANCH - BOTTOM OF PIPE
	BRANCH - TOP OF PIPE
	ELBOW
	45 DEGREE ELBOW
	WYE WITH EIGHTH BEND
	UNION

SEISMIC DESIGN NOTES:

1. BUILDING RISK CATEGORY: **CATEGORY II**
2. SEISMIC DESIGN CATEGORY: **SDC C**
3. ALL PLUMBING SYSTEMS AND EQUIPMENT CONVEYING TOXIC, EXPLOSIVE, OR HAZARDOUS MATERIALS SHALL BE SUPPORTED IN ACCORDANCE WITH ASCE 7-16 REQUIREMENTS. THESE SYSTEMS INCLUDE:
   A. NATURAL GAS PIPING ABOVE GRADE, INCLUDING GAS METER AND GAS-FIRED EQUIPMENT.
4. NATURAL GAS-FIRED MECHANICAL OR PLUMBING EQUIPMENT SHALL HAVE FLEXIBLE CONNECTIONS, AND SHALL BE SUPPORTED IN ACCORDANCE WITH ASCE 7-16 REQUIREMENTS.
5. SEISMIC BRACING DESIGN DOCUMENTS SHALL BE STAMPED BY A LICENSED ENGINEER.
6. FINAL DETERMINATION OF SEISMIC DESIGN PARAMETER SHALL BE PER STRUCTURAL DOCUMENTS.

PLUMBING GENERAL NOTES:

1. ALL PLUMBING WORK SHALL COMPLY WITH ALL LOCAL CODES, AUTHORITIES HAVING JURISDICTION, DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES ARE FOUND - THE MOST STRINGENT REQUIREMENT SHALL GOVERN WORK.
2. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRIC RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, FITTING, OR COMPONENT. CONTRACTOR SHALL NOT SCALE DRAWINGS. EQUIPMENT SCHEDULES SHALL TAKE PRECEDENCE OVER CONFLICTING DRAWING INFORMATION. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY CONTRACT DOCUMENTS. REFER TO COMPLETE PROJECT DOCUMENTS FOR COORDINATION WITH OTHER DISCIPLINES.
3. EXCEPT WHERE MODIFIED BY SPECIFIC NOTATION TO THE CONTRARY, IT SHALL BE UNDERSTOOD THAT THE INDICATION AND/OR DESCRIPTION OF ANY ITEM IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO PROVIDE THE ITEM; REGARDLESS OF WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED AS PART OF THE INDICATION OR DESCRIPTION.
4. REFER TO PLUMBING SCHEDULES AND SPECIFICATIONS FOR BASIS OF DESIGN, ACCEPTABLE MANUFACTURERS, AND MODELS OF PLUMBING FIXTURES AND EQUIPMENT.
5. PROVIDE CLEANOUTS IN ALL SANITARY LINES, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 100' AND AT EACH CHANGE IN DIRECTION GREATER THAN 45 DEGREES.
6. PROVIDE A TWO-WAY CLEANOUT AT THE JUNCTION OF ALL BUILDING DRAINS AND BUILDING SEWERS.
7. REFER TO SPECIFICATIONS FOR INSULATION REQUIREMENTS.
8. ALL SANITARY SEWER LINES 2 1/2" AND SMALLER SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT. ALL SANITARY LINES 3" AND LARGER SHALL HAVE A MINIMUM SLOPE OF 1/8" PER FOOT. VERIFY EXISTING SANITARY LINE ELEVATIONS AND COORDINATE INSTALLATION TO ASSURE PROPER FLOW. ALL GREASE WASTE LINES, REGARDLESS OF SIZE, SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT.
9. SEAL ALL PIPE PENETRATIONS THROUGH WALLS, ROOF, AND FLOOR AIR AND WATER TIGHT.
10. ALL FLOOR DRAINS SHALL HAVE DEEP SEAL TRAPS, 4" DEEP SEAL MINIMUM UNLESS NOTED OTHERWISE. PROVIDE A TRAP GUARD EQUAL TO PROSET OR SURE SEAL SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS FOR ALL FLOOR DRAINS.
11. ALL PIPE DROPS FROM CEILING PLENUM TO BELOW FLOOR SHALL BE MADE IN FURR-OUTS AT COLUMNS, IN WEBB OF BEAMS AT COLUMNS, OR IN WALLS UNLESS SHOWN OTHERWISE.
12. ALL EXPOSED OR ACCESSIBLE P-TRAPS SHALL BE CHROME PLATED AND PROVIDED WITH BOTTOM CLEANOUT PLUGS. ALL EXPOSED PLUMBING TRIM SHALL BE CHROME PLATED.
13. PROVIDE TIGHT-FITTED MOLDED PLASTIC INSULATION AT ALL EXPOSED WATER AND DRAIN PIPING FOR ADA FIXTURES PER ANSI A117.1 AND ADA REQUIREMENTS. FINISH SHALL BE WHITE.
14. ALL DOMESTIC WATER SHALL BE ROUTED ABOVE CEILING. ALL DOMESTIC WATER ROUTED IN EXTERIOR WALLS SHALL BE INSTALLED ON CONDITIONED SIDE OF ROOM INSULATION.
15. MAINTAIN A MINIMUM OF 10'-0" BETWEEN ALL HVAC FRESH AIR INTAKES AND PLUMBING VENTS. COORDINATE WITH MECHANICAL BEFORE INSTALLATION OF VTRs.
16. CONTRACTOR SHALL VISIT SITE AND VERIFY CONDITIONS PRIOR TO BIDDING.
17. CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF UTILITIES AND INVERTS PRIOR TO ROUTING SERVICES. CONTRACTOR SHALL COORDINATE ALL SANITARY SEWER, FIRE, GAS AND DOMESTIC WATER LINES WITH EXISTING UTILITIES AND WITH CIVIL DRAWINGS. SEE CIVIL DRAWINGS FOR CONTINUATION OF ALL UTILITY LINES.
18. CONTRACTOR SHALL PAY ALL UTILITY FEES AND CHARGES IN THE CONTRACT.
19. PROVIDE ALL FITTINGS, TRANSITIONS, COUPLINGS, ADAPTORS, UNIONS, AND OTHER ACCESSORIES NEEDED TO COMPLETE CONNECTIONS AND PROVIDE FOR PROPER OPERATION OF PLUMBING FIXTURES AND PLUMBING EQUIPMENT.
20. FIRE STOP ALL PIPE PENETRATIONS THROUGH RATED WALLS. REFER TO SPECIFICATIONS.
21. PIPING SHALL NOT BE ROUTED OVER ELECTRICAL ROOMS, COMPUTER ROOMS, ELECTRICAL PANELS, OR ELECTRICAL EQUIPMENT UNLESS OTHERWISE NOTED.
22. PROVIDE LEAD-FREE PRESSURE REDUCING VALVE AT DOMESTIC ENTRANCE TO PROVIDE ADEQUATE PRESSURE AT ALL OUTLETS IN ACCORDANCE WITH THE SYSTEM REQUIREMENTS.
23. EACH FIXTURE GROUP OR BATTERY OF FIXTURES SHALL BE PROVIDED WITH A SHUTOFF VALVE IN THE DOMESTIC HOT AND COLD WATER SUPPLY LINES ABOVE CEILING. VALVES SHALL BE ACCESSIBLE FROM ROOM BELOW.
24. PAINT EXPOSED PIPING AND PIPE INSULATION. COORDINATE WITH OWNER FOR FINAL COLOR.
25. ALL UNDER FLOOR WATER PIPING SHALL BE PROVIDED WITH A POLYETHYLENE SLEEVE. EXTEND SLEEVE UP THROUGH FLOOR SLAB AND SEAL AIR AND WATER TIGHT.
26. PLASTIC PIPE IS PROHIBITED IN RETURN AIR PLENUMS. ALL PIPING AND PIPE CONNECTIONS IN RETURN AIR PLENUMS SHALL BE PLENUM RATED.
27. PIPING THROUGH FOUNDATION WALLS AND FOOTINGS SHALL BE SLEEVED AS PER STRUCTURAL DETAILS.
28. ALL PIPE CONNECTIONS BETWEEN DISSIMILAR METALS SHALL BE MADE THROUGH DIELECTRIC UNIONS.
29. ALL PLUMBING COMPONENTS WITH ELECTRICAL REQUIREMENTS SHALL BE INSTALLED WITH THE ELECTRICAL INFRASTRUCTURE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM. IF NOT SPECIFICALLY SHOWN ON ELECTRICAL SCHEDULE, PLUMBING FIXTURES REQUIRING ELECTRICAL SERVICE SHALL BE FED FROM BREAKER OF ADEQUATE CAPACITY.
30. REFER TO PLUMBING SPECIFICATIONS FOR PIPE MATERIAL AND INSULATION REQUIREMENTS.
31. EXACT LOCATION OF ALL EQUIPMENT AND PIPING SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER AND LIGHTING SHALL TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS.
32. PROVIDE FABRICATED EXPANSION LOOP OR MANUFACTURED EXPANSION DEVICE ON ALL PIPING SYSTEMS CROSSING BUILDING EXPANSION JOINTS.
33. WATER SUPPLY CONNECTIONS TO COFFEE MACHINES AND NONCARBONATED BEVERAGE DISPENSERS SHALL BE PROVIDED WITH A BACKFLOW PREVENTER OR AN AIR GAP.

PLUMBING -- PUMP SCHEDULE

DESIGNATION		MANUFACTURER	MODEL	FLOW	TOTAL HEAD	VOLTAGE	PHASE	POWER	REMARKS
RP	1	ARMSTRONG	ASTRO 225SS	2 GPM	9.0 ftH2O	115 V	1	83 W	PROVIDE WITH HARDWIRED 6FT POWER PLUG, INTEGRATED AQUASTAT AND TIMER KIT, FLANGED OR UNION CONNECTIONS, ISOLATION VALVES, AND DOWNSTREAM BALANCING VALVE.

PLUMBING -- FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	ACCESSORIES	FAUCETS & FITTINGS	STOPS	TRAPS	MOUNTING	BRANCH CONNECTIONS DCW	BRANCH CONNECTIONS DHW	BRANCH CONNECTIONS SS	REMARKS
COTG	CLEAN OUT TO GRADE	ZURN	Z1400-AR	-	EPOXY COATED FINISH	-	-	AT GRADE			4"	SHALL BE PROVIDED WITH HEAVY DUTY TOP.
FCO	FLOOR CLEANOUT	ZURN	ZN1400	-	N.B. COVER	-	-	FLOOR			4"	MATCH SIZE TO SANITARY LINE SERVED.
FD	FLOOR DRAIN	ZURN	Z415-6B	MIFAB TRAP GUARD	6" ROUND N.B. STRAINER	-	P-TRAP	FLOOR			2"	
HB1	ENCLOSED WALL HYDRANT - EXTERIOR	ZURN	Z1320XL	-	-	BALL VALVE	-	WALL	3/4"			SHALL BE FREEZE-PROOF, SELF-DRAINING, KEY OPERATED, AND ANTI-SIPHON IN LOCKABLE BOX.
HB2	ENCLOSED WALL HYDRANT - INTERIOR	ZURN	Z1350	-	-	BALL VALVE	-	WALL	3/4"			SHALL HAVE VACUUM BREAKER
HB3	EXPOSED WALL HYDRANT - EXTERIOR	PRIER	C-144	-	WHEEL HANDLE	BALL VALVE	-	WALL	3/4"			SHALL BE FREEZE-PROOF, SELF-DRAINING, WHEEL HANDLE, AND ANTI-SIPHON.
P1	WATER CLOSET - ADA HEIGHT	AMERICAN STANDARD	3043.001	SEAT; HARDWIRED POWER CONVERTER	ZEMS6000AV-WS1-IS (1.6GPF HARDWIRED SENSOR FV)	INTEGRAL	INTEGRAL	FLOOR	1"		4"	SEAT SHALL HAVE CHECK HINGE WITH STAINLESS STEEL HARDWARE.
P2	URINAL	AMERICAN STANDARD	6590.001	WALL CARRIER; HARDWIRED POWER CONVERTER	ZEMS6003-IS-EWS (0.5GPF HARDWIRED SENSOR FV)	INTEGRAL	INTEGRAL	WALL	3/4"		2"	
P3	SOLID SURFACE LAVATORY	SEE ARCH	SEE ARCH	GRID DRAIN; HARDWIRED POWER CONVERTER	ZG6955-XL-S-HW6 (HARDWIRED SENSOR FAUCET)	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	COUNTER	1/2"	1/2"	2"	
P4	WALL MOUNT LAVATORY	ZURN	Z5310	HARDWIRED POWER CONVERTER	ZG6955-XL-S-HW6 (HARDWIRED SENSOR FAUCET)	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	WALL	1/2"	1/2"	2"	
P5	SINK - DOUBLE COMPARTMENT	JUST MFG.	DL-2243-A-GR	BASKET STRAINERS (x2)	J-902 (FAUCET W/SPRAYER)	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	COUNTER	1/2"	1/2"	2"	
P6	MOP SINK - CORNER	STERN WILLIAMS	CRS-2200	MOP HANGER; HOSE AND HOSE BRACKET; STAINLESS STEEL SPLASH GUARD; GRID DRAIN	T-10-VB SERVICE FAUCET	INTEGRAL	P-TRAP	FLOOR	1/2"	1/2"	3"	
P7	BI-LEVEL WATER COOLER WITH BOTTLE FILLER	ELKAY	EZSTL8WSSK	WALL CARRIER; BOTTLE FILLER	-	MCGUIRE COMMERCIAL	MCGUIRE COMMERCIAL	WALL	1/2"		1 1/2"	
P8	TUBA CLEANING TUB	MANSFIELD	6604	24" SLIDE BAR FOR HAND SPRAYER	ZURN TEMP-GARD SHOWER VALVE WITH TUB FAUCET AND HAND SPRAYER	INTEGRAL	INTEGRAL	FLOOR	1/2"	1/2"	2"	FIXTURE IS INTENDED FOR MUSICAL INSTRUMENT CLEANING ONLY. HAND SPRAYER SHALL BE MULTI-FUNCTION WITH DETACHABLE HEAD.
RD	INDIRECT ROOF RECEPTOR	JAY R. SMITH	3960	ROOF DECK PLATE	-	-	-	ROOF				FOR HVAC CONDENSATE DISCHARGE AT ROOF

1 ALL FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
2 CONTRACTOR IS RESPONSIBLE FOR COORDINATING FAUCET SPACING AND STYLE WITH MOUNTING HOLES IN FIXTURE.
3 ALL FIXTURES WITH HOT WATER FEEDS SHALL BE PROVIDED WITH THERMOSTATIC MIXING VALVE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION. HANDWASH FIXTURES SHALL HAVE TMVs SET TO 105°F.
4 CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES IN COMPLIANCE WITH ALL APPLICABLE CODES AND ALL AUTHORITIES HAVING JURISDICTION.
5 ALL EXPOSED FIXTURE STOPS SHALL BE LOOSE KEY.
6 ADJACENT HARDWIRED SENSOR FAUCETS AND FLUSH VALVES SHALL BE POWERED BY A SINGLE COMMON POWER CONVERTER, UP TO 8 FIXTURES PER POWER CONVERTER (OR UP TO MAXIMUM AS LISTED BY MANUFACTURER).

PLUMBING -- WATER HEATER SCHEDULE

TAG	MARK	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING	TANK VOLUME	BRANCH CONNECTIONS DCW	BRANCH CONNECTIONS DHW	SYSTEM TEMPERATURES DESIGN EWT	SYSTEM TEMPERATURES DESIGN LWT	SYSTEM TEMPERATURES TANK STORAGE SETPOINT	ELECTRICAL DATA VOLTAGE (V)	ELECTRICAL DATA PHASE	ELECTRICAL DATA WATTAGE	REMARKS
WH	1	LIGHT COMMERCIAL TANK ELECTRIC WATER HEATER	A.O. SMITH	DEL-30	SUSPENDED	30 gal	3/4"	3/4"	55 °F	120 °F	120 °F	208 V	3	9.0 kW	REFER TO WATER HEATER DETAIL.

1 PROVIDE WATER HEATER WITH EXPANSION TANK EQUAL TO WATTS PLT, SIZED FOR TOTAL SYSTEM VOLUME OF 35gal. SUPPORT TANK FROM MOUNTING BRACKET EQUAL TO HOLD-RITE 'QUICKSTRAP'.
2 PROVIDE WATER HEATER WITH SUSPENDED PLATFORM EQUAL TO HOLD-RITE; PLATFORM SHALL BE RATED FOR WATER HEATER WEIGHT WHEN FULL. PROVIDE GALVANIZED STEEL SEISMIC STRAP EQUAL TO HOLD-RITE QUICK STRAP. SECURE STRAP TO STRUCTURE.

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

BROWN ENGINEERS LLC No.13227 STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.14264 MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

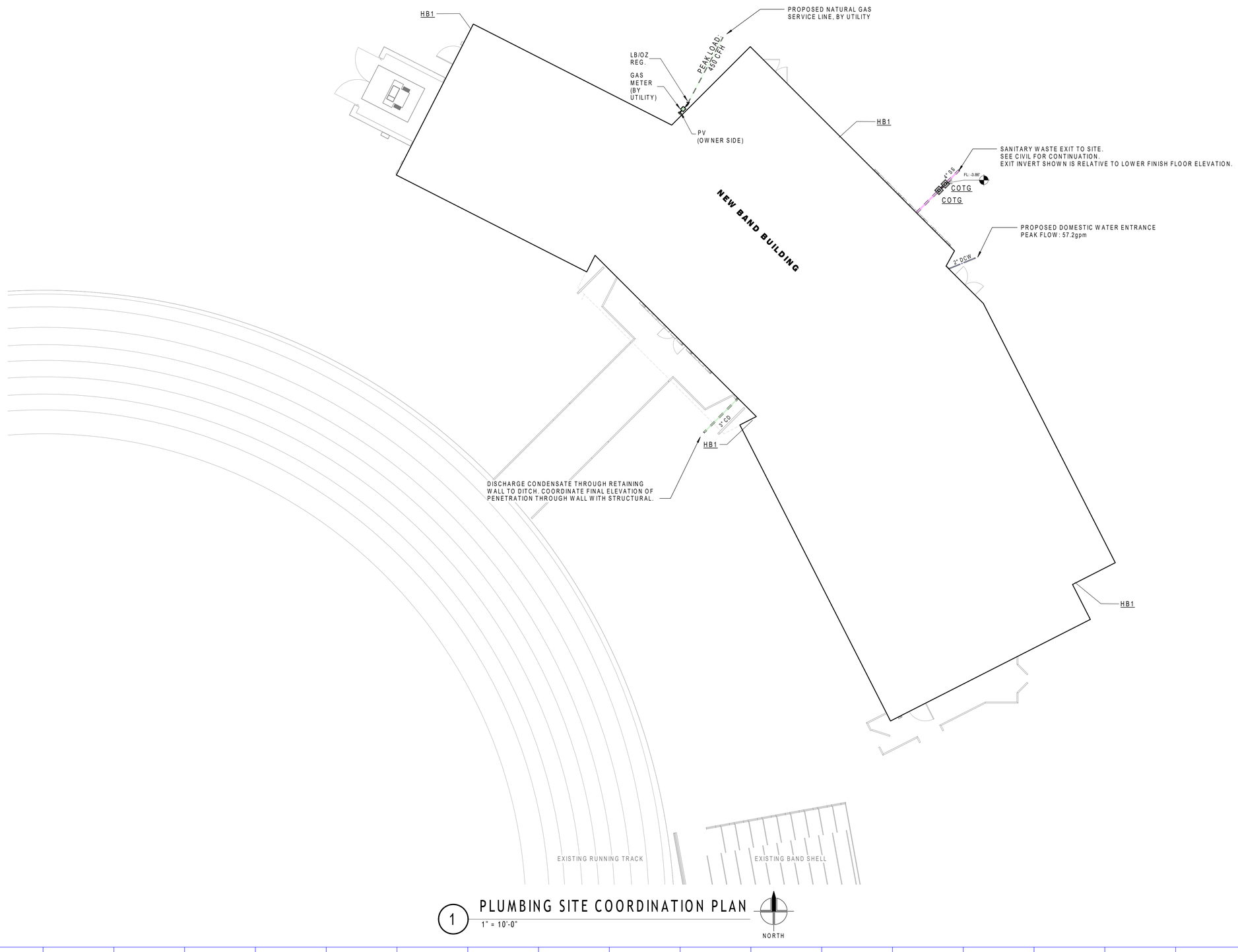
Sheet Title
PLUMBING NOTES, SCHEDULES, AND LEGENDS

Sheet Number
P100

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



1 PLUMBING SITE COORDINATION PLAN

1" = 10'-0"

NORTH

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

BROWN ENGINEERS LLC No.13237 STATE OF ARKANSAS

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.14264 MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

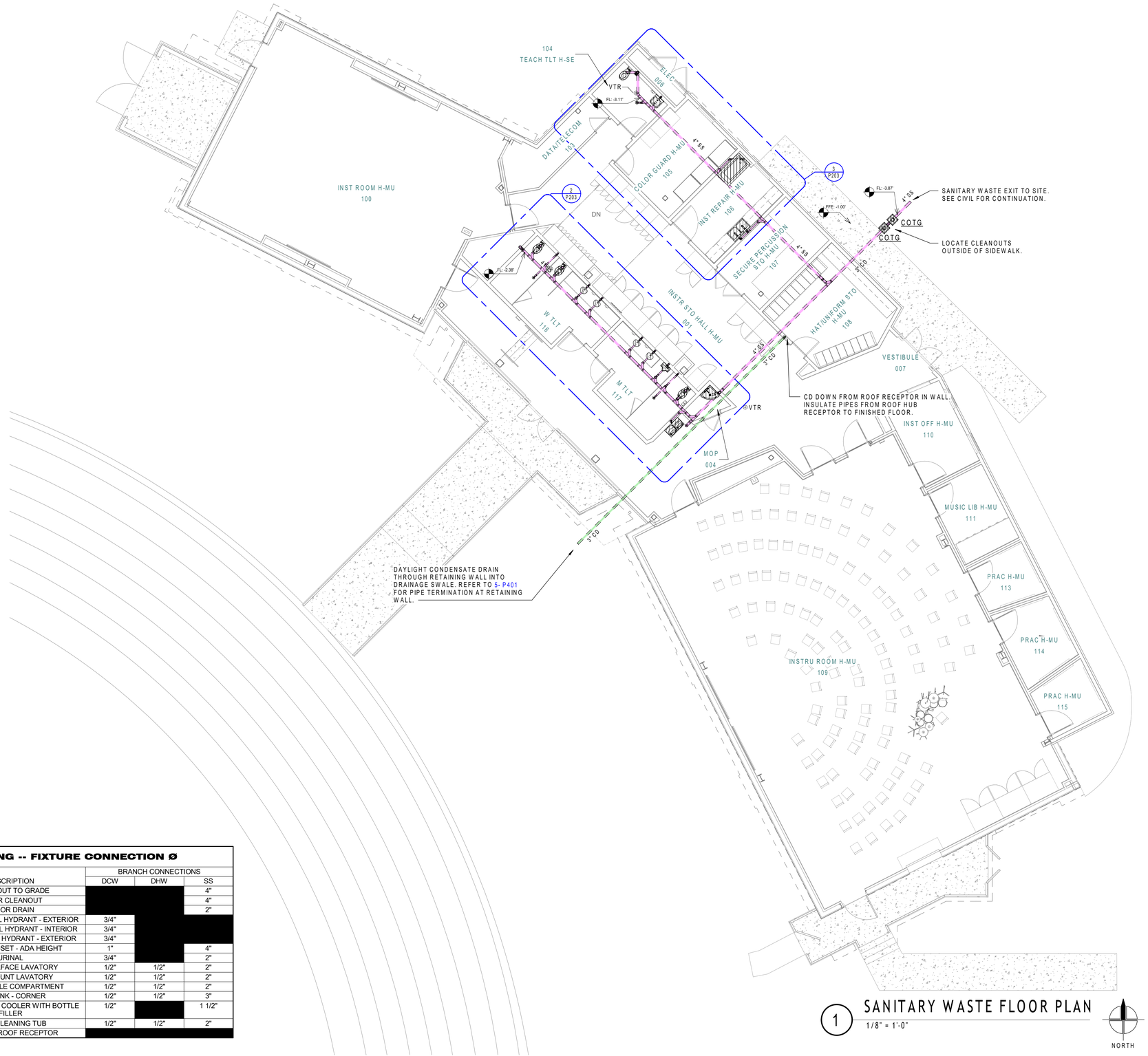
Sheet Title
PLUMBING SITE COORDINATION PLAN

Sheet Number
P101

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



1 SANITARY WASTE FLOOR PLAN

1/8" = 1'-0"

PLUMBING -- FIXTURE CONNECTION Ø

TAG	DESCRIPTION	BRANCH CONNECTIONS		
		DCW	DHW	SS
COTG	CLEAN OUT TO GRADE			4"
FCO	FLOOR CLEANOUT			4"
FD	FLOOR DRAIN			2"
HB1	ENCLOSED WALL HYDRANT - EXTERIOR	3/4"		
HB2	ENCLOSED WALL HYDRANT - INTERIOR	3/4"		
HB3	EXPOSED WALL HYDRANT - EXTERIOR	3/4"		
P1	WATER CLOSET - ADA HEIGHT	1"		4"
P2	URINAL	3/4"		2"
P3	SOLID SURFACE LAVATORY	1/2"	1/2"	2"
P4	WALL MOUNT LAVATORY	1/2"	1/2"	2"
P5	SINK - DOUBLE COMPARTMENT	1/2"	1/2"	2"
P6	MOP SINK - CORNER	1/2"	1/2"	3"
P7	BI-LEVEL WATER COOLER WITH BOTTLE FILLER	1/2"		1 1/2"
P8	TUBA CLEANING TUB	1/2"	1/2"	2"
RD	INDIRECT ROOF RECEPTOR			

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS
BROWN ENGINEERS, LLC
No. 1323
CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 14267
MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title

SANITARY WASTE PLAN

Sheet Number

P201

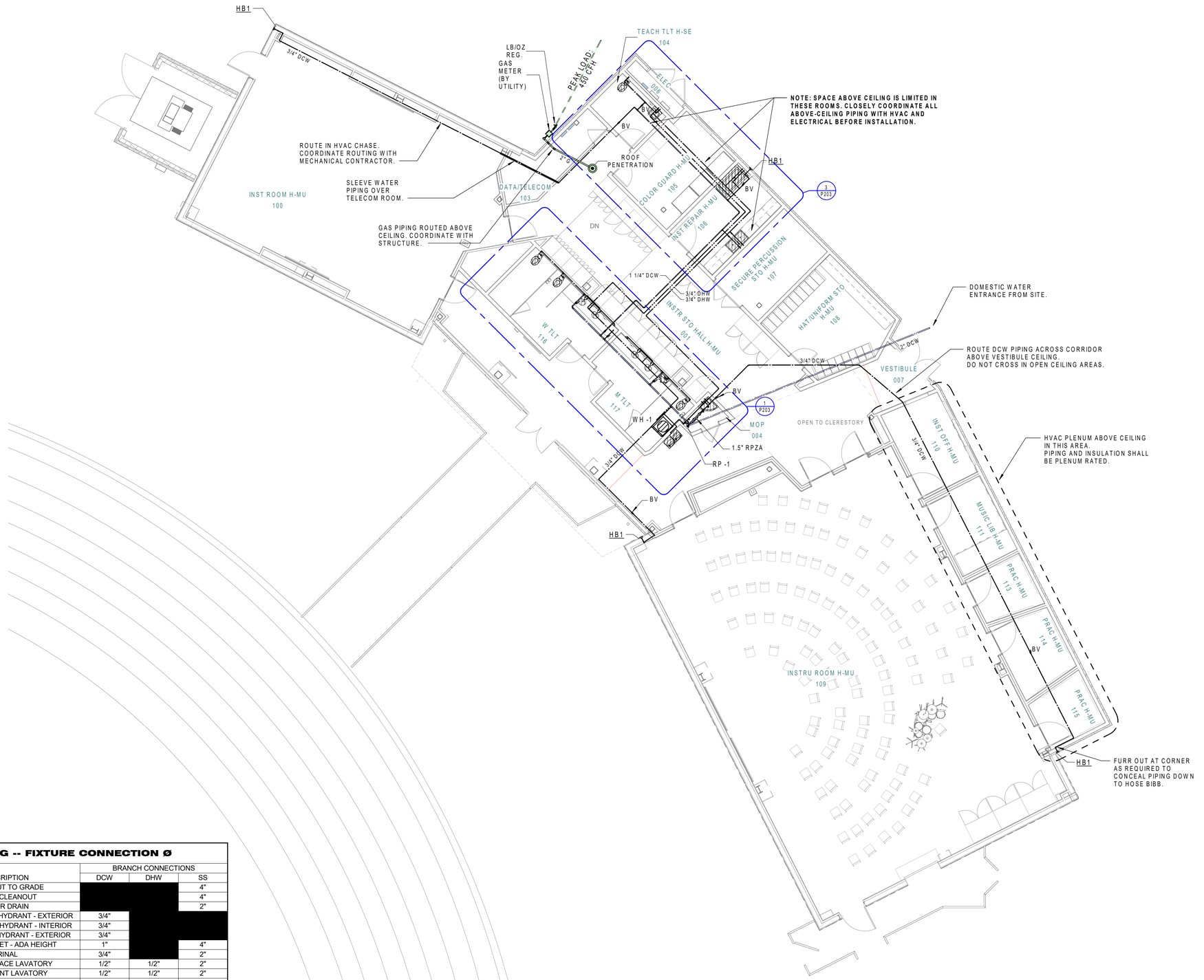
Copyright © 2025 JBP

BROWN ENGINEERS

17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



PLUMBING -- FIXTURE CONNECTION Ø

TAG	DESCRIPTION	BRANCH CONNECTIONS DCW	DHW	SS
COTG	CLEAN OUT TO GRADE			4"
FCO	FLOOR CLEANOUT			4"
FD	FLOOR DRAIN			2"
HB1	ENCLOSED WALL HYDRANT - EXTERIOR	3/4"		
HB2	ENCLOSED WALL HYDRANT - INTERIOR	3/4"		
HB3	EXPOSED WALL HYDRANT - EXTERIOR	3/4"		
P1	WATER CLOSET - ADA HEIGHT	1"		4"
P2	URINAL	3/4"		2"
P3	SOLID SURFACE LAVATORY	1/2"	1/2"	2"
P4	WALL MOUNT LAVATORY	1/2"	1/2"	2"
P5	SINK - DOUBLE COMPARTMENT	1/2"	1/2"	2"
P6	MOP SINK - CORNER	1/2"	1/2"	3"
P7	BI-LEVEL WATER COOLER WITH BOTTLE FILLER	1/2"		1 1/2"
P8	TUBA CLEANING TUB	1/2"	1/2"	2"
RD	INDIRECT ROOF RECEPTOR			

1 WATER / GAS PLAN
1/8" = 1'-0"

NORTH

General Notes

DOMESTIC WATER GENERAL NOTES:

1. PROVIDE LEAD-FREE ISOLATION VALVE FOR EACH RESTROOM MAIN AND EACH BRANCH MAIN SERVING A BATTERY OF FIXTURES.
2. PERMANENTLY LABEL ALL VALVES TO INDICATED AREA THAT VALVE SERVES.
3. PROVIDE WATER HAMMER ARRESTOR AT END OF ALL DCW AND DHW BRANCH LINES BEFORE LAST FIXTURE. REFER TO DETAILS FOR WATER HAMMER ARRESTOR SCHEDULE. PROVIDE ACCESS TO WATER HAMMER ARRESTORS WHEN REQUIRED BY THE MANUFACTURER.
4. ROUTE ALL DOMESTIC WATER LINES CONCEALED ABOVE CEILING. WHERE DOMESTIC WATER LINES MUST BE ROUTED EXPOSED, PAINT EXPOSED PIPE AND COORDINATE WITH ARCHITECT FOR COLOR.

NATURAL GAS GENERAL NOTES:

1. ALL GAS PIPE SIZING IS BASED ON SYSTEM LONGEST LENGTH FROM THE REGULATOR AND EQUIPMENT DEMAND SHOWN ON PLANS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IF CONDITIONS DIFFER FROM SCHEMATIC LAYOUT.
2. REFER TO CIVIL DETAILS AND SPECIFICATIONS FOR INSTALLATION OF EXTERIOR OR BELOW GRADE PIPING.
3. REFER TO DETAILS FOR GAS CONNECTION TO MECHANICAL EQUIPMENT REQUIREMENTS.

NATURAL GAS DESIGN NOTES:

1. SYSTEM PRESSURE: 9"wc
2. SYSTEM LONGEST LENGTH: 125'-0"

GREENBRIER HS BAND BLDG

GREENBRIER, AR

BROWN ENGINEERS LLC No.1323

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.14264 MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
DOMESTIC WATER / NATURAL GAS PLAN

Sheet Number
P202

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

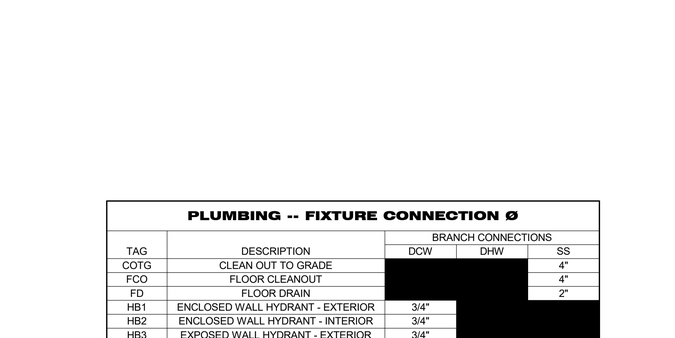
Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

PLUMBING -- FIXTURE CONNECTION Ø

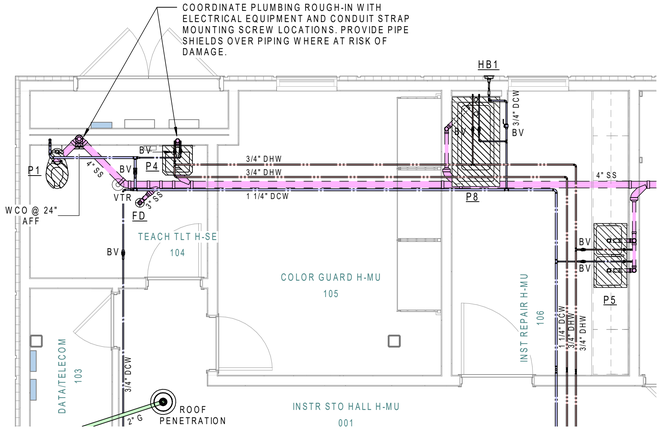
TAG	DESCRIPTION	BRANCH CONNECTIONS		
		DCW	DHW	SS
COTG	CLEAN OUT TO GRADE			4"
FCO	FLOOR CLEANOUT			4"
FD	FLOOR DRAIN			2"
HB1	ENCLOSED WALL HYDRANT - EXTERIOR	3/4"		
HB2	ENCLOSED WALL HYDRANT - INTERIOR	3/4"		
HB3	EXPOSED WALL HYDRANT - EXTERIOR	3/4"		
P1	WATER CLOSET - ADA HEIGHT	1"		4"
P2	URINAL	3/4"		2"
P3	SOLID SURFACE LAVATORY	1/2"	1/2"	2"
P4	WALL MOUNT LAVATORY	1/2"	1/2"	2"
P5	SINK - DOUBLE COMPARTMENT	1/2"	1/2"	2"
P6	MOP SINK - CORNER	1/2"	1/2"	3"
P7	BI-LEVEL WATER COOLER WITH BOTTLE FILLER	1/2"		1 1/2"
P8	TUBA CLEANING TUB	1/2"	1/2"	2"
RD	INDIRECT ROOF RECEPTOR			

(#) KEYED NOTES:

1. ROUTE DCW UP TO EXTERIOR HYDRANT ON ROOF LEVEL. LOCATE ISOLATION VALVE AT ACCESSIBLE HEIGHT ABOVE RESTROOM CEILING.
2. LOCATE HOSE BIBB BEHIND LAVATORY ACCESS PANEL BELOW COUNTER.
3. SENSOR VALVE CONTROL BOX, WITH HARDWIRED POWER.
4. 24VDC POWER FROM HARDWIRED POWER CONVERTER. REFER TO MANUFACTURER'S INSTALLATION MANUAL FOR MAXIMUM LENGTH OF 24V WIRING.
5. SENSOR FAUCET / FLUSH VALVE MANUFACTURER'S HARDWIRED POWER CONVERTER. LOCATE POWER CONVERTER ACCESSIBLY ABOVE CEILING, COORDINATE INSTALLATION OF JUNCTION BOX FOR POWER CONVERTER WITH ELECTRICAL CONTRACTOR.
6. 120V POWER FOR SENSOR FAUCETS / FLUSH VALVES BY ELECTRICAL.
7. ROUTE RELIEF VALVE DISCHARGE THROUGH EXTERIOR WALL AND DISCHARGE TO GRADE. SEAL AROUND WALL PENETRATION AND INSTALL HINGED FLAP VENT AT PIPE TERMINATION. HINGED FLAP VENT SHALL HAVE SOLID COVER WITHOUT SCREENING, TO PREVENT COLD AIR INFILTRATION INTO RISER ROOM IN WINTER.
8. DROP RECIRCULATION PIPING IN JANITOR'S CLOSET AND MOUNT RECIRCULATION PUMP AT 5'-0" AFF. SUPPORT PUMP FROM WALL. COORDINATE WITH ELECTRICAL TO LOCATE RECEPTACLE FOR PUMP POWER ADJACENT TO, AND ABOVE, PUMP. COORDINATE FINAL PUMP LOCATION WITH ANY SHELVING AND MOP HANGERS WITHIN JANITOR'S CLOSET.

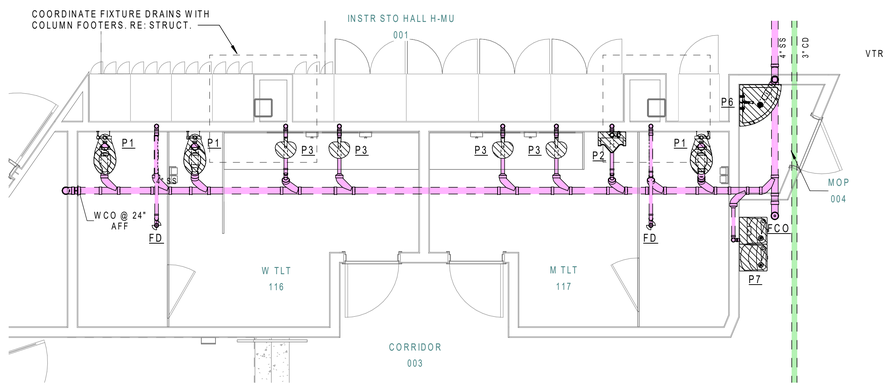


5 RESTROOM PLUMBING SECTION
1/4" = 1'-0"



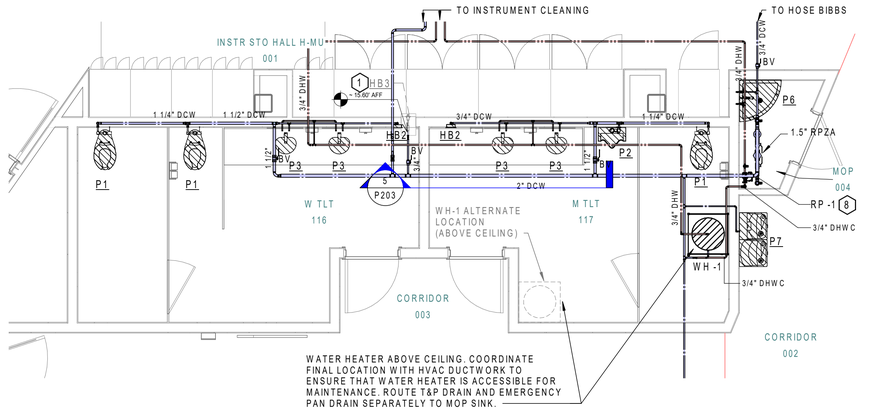
3 PLUMBING PLAN - INSTRUMENT REPAIR
1/4" = 1'-0"

NORTH



2 SANITARY WASTE PLAN - RESTROOMS
1/4" = 1'-0"

NORTH



1 DOMESTIC WATER PLAN - RESTROOMS
1/4" = 1'-0"

NORTH

General Notes

DOMESTIC WATER GENERAL NOTES:

1. PROVIDE LEAD-FREE ISOLATION VALVE FOR EACH RESTROOM MAIN AND EACH BRANCH MAIN SERVING A BATTERY OF FIXTURES.
2. PERMANENTLY LABEL ALL VALVES TO INDICATED AREA THAT VALVE SERVES.
3. PROVIDE WATER HAMMER ARRESTOR AT END OF ALL DCW AND DHW BRANCH LINES BEFORE LAST FIXTURE. REFER TO DETAILS FOR WATER HAMMER ARRESTOR SCHEDULE. PROVIDE ACCESS TO WATER HAMMER ARRESTORS WHEN REQUIRED BY THE MANUFACTURER.
4. ROUTE ALL DOMESTIC WATER LINES CONCEALED ABOVE CEILING. WHERE DOMESTIC WATER LINES MUST BE ROUTED EXPOSED, PAINT EXPOSED PIPE AND COORDINATE WITH ARCHITECT FOR COLOR.

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No.1323 — PROFESSIONAL ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No.14267 — MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

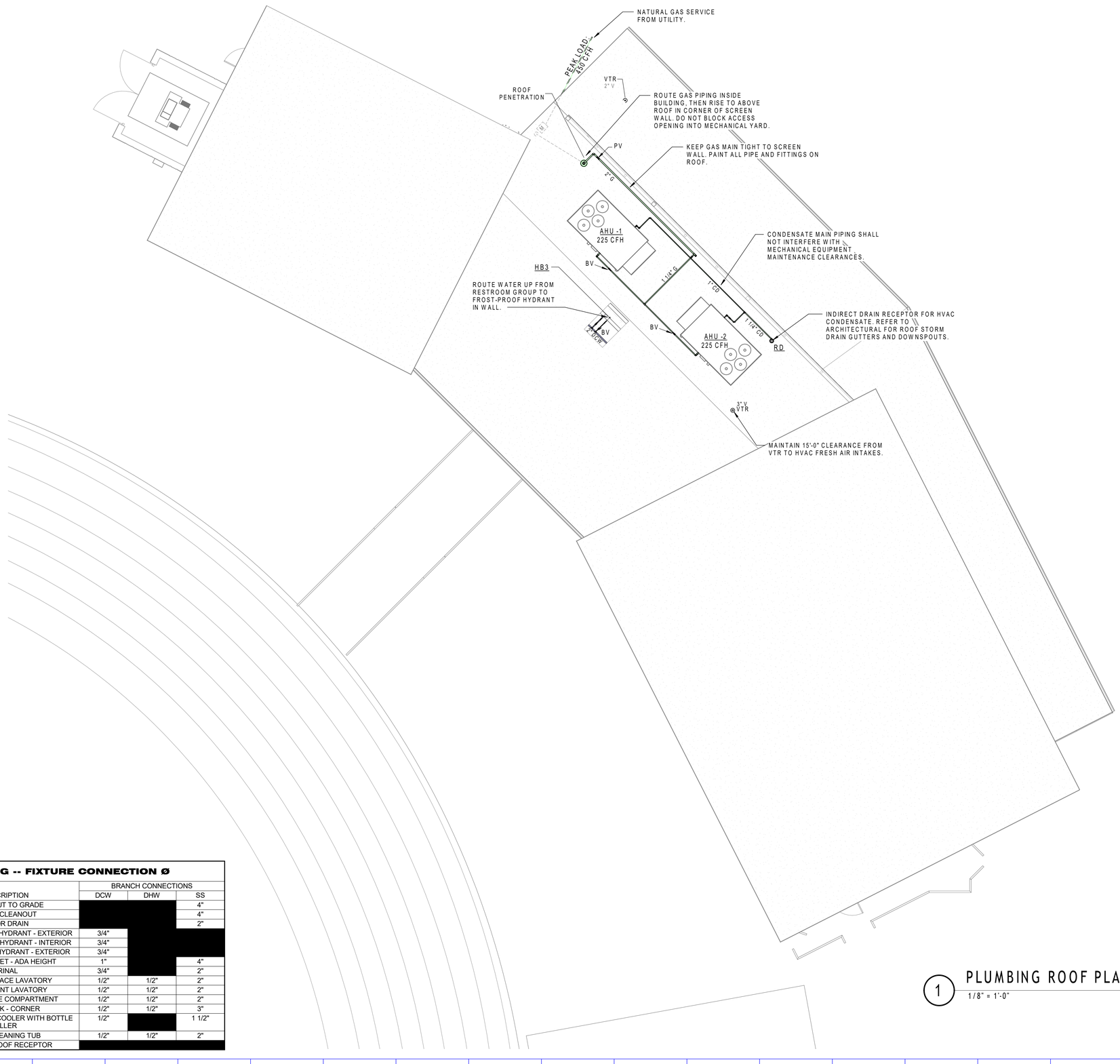
Sheet Title
PLUMBING ENLARGED PLANS

Sheet Number
P203

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy, Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



PLUMBING -- FIXTURE CONNECTION Ø

TAG	DESCRIPTION	BRANCH CONNECTIONS		
		DCW	DHW	SS
COTG	CLEAN OUT TO GRADE			4"
FCO	FLOOR CLEANOUT			4"
FD	FLOOR DRAIN			2"
HB1	ENCLOSED WALL HYDRANT - EXTERIOR	3/4"		
HB2	ENCLOSED WALL HYDRANT - INTERIOR	3/4"		
HB3	EXPOSED WALL HYDRANT - EXTERIOR	3/4"		
P1	WATER CLOSET - ADA HEIGHT	1"		4"
P2	URINAL	3/4"		2"
P3	SOLID SURFACE LAVATORY	1/2"	1/2"	2"
P4	WALL MOUNT LAVATORY	1/2"	1/2"	2"
P5	SINK - DOUBLE COMPARTMENT	1/2"	1/2"	2"
P6	MOP SINK - CORNER	1/2"	1/2"	3"
P7	BI-LEVEL WATER COOLER WITH BOTTLE FILLER	1/2"		1 1/2"
P8	TUBA CLEANING TUB	1/2"	1/2"	2"
RD	INDIRECT ROOF RECEPTOR			

1 PLUMBING ROOF PLAN
1/8" = 1'-0"

NORTH

General Notes

NATURAL GAS GENERAL NOTES:

1. ALL GAS PIPE SIZING IS BASED ON SYSTEM LONGEST LENGTH FROM THE REGULATOR AND EQUIPMENT DEMAND SHOWN ON PLANS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IF CONDITIONS DIFFER FROM SCHEMATIC LAYOUT.
2. REFER TO CIVIL DETAILS AND SPECIFICATIONS FOR INSTALLATION OF EXTERIOR OR BELOW GRADE PIPING.
3. REFER TO DETAILS FOR GAS CONNECTION TO MECHANICAL EQUIPMENT REQUIREMENTS.

NATURAL GAS DESIGN NOTES:

1. SYSTEM PRESSURE: 9"wc
2. SYSTEM LONGEST LENGTH: 125'-0"

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No. 1323 — REGISTERED ENGINEERING SERVICES

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 14267 — MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

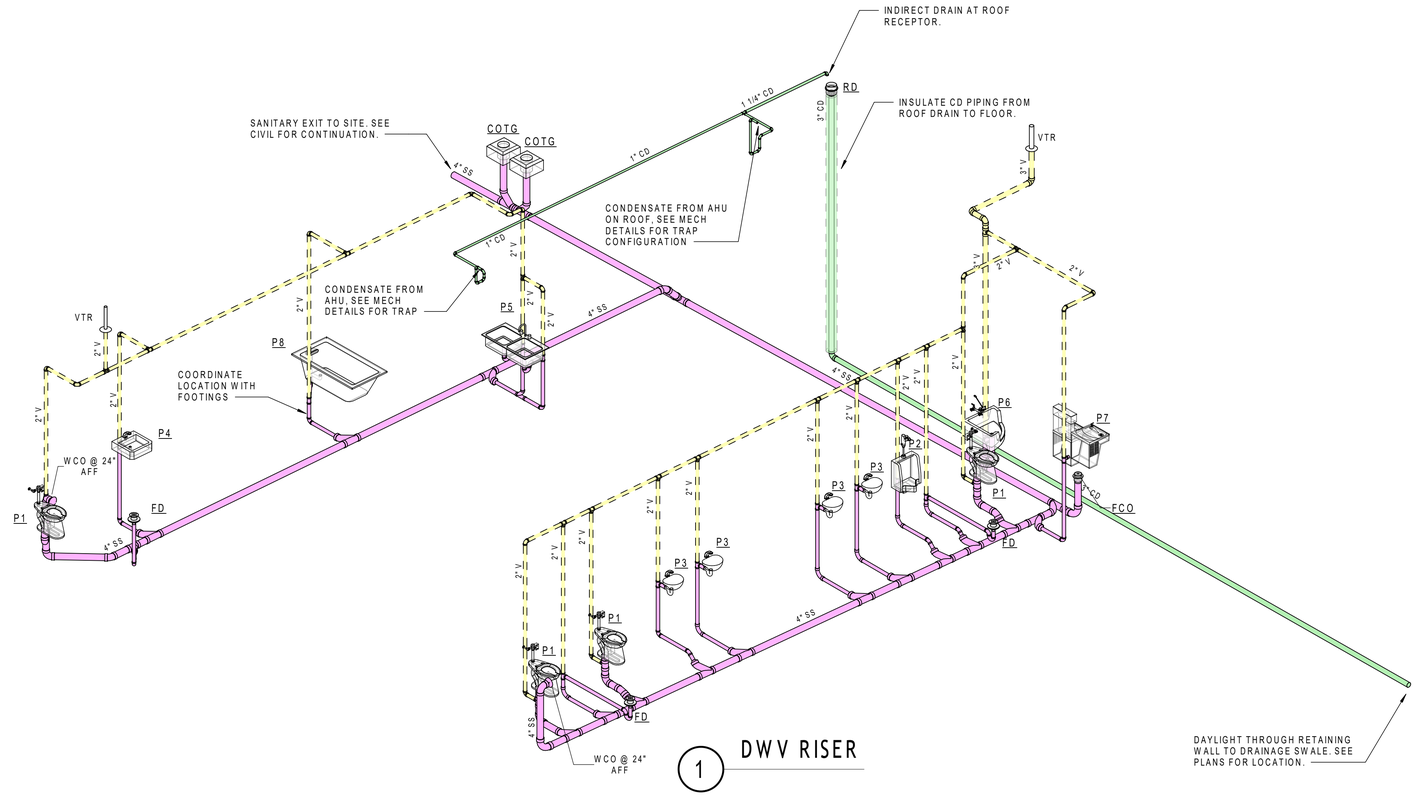
Sheet Title
PLUMBING ROOF PLAN

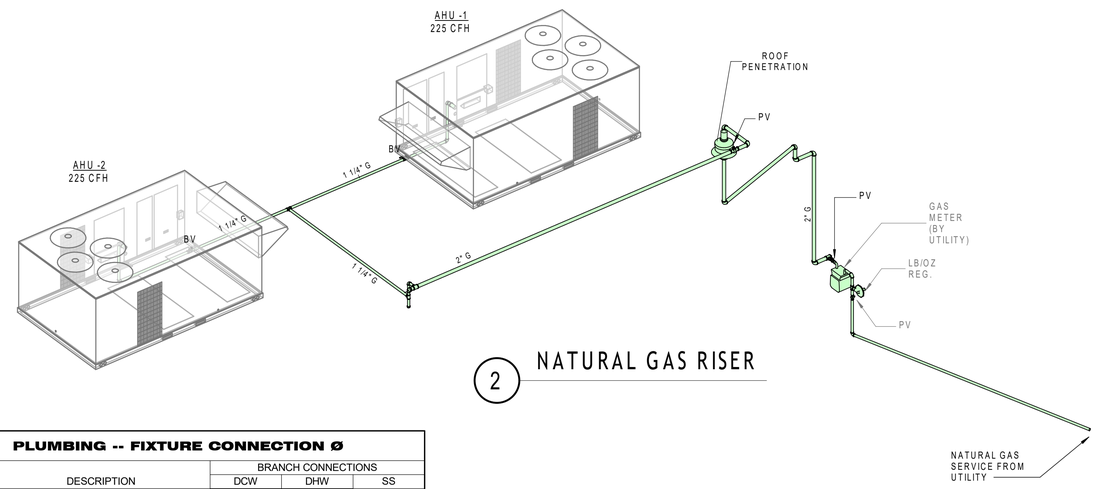
Sheet Number
P204

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com





PLUMBING -- FIXTURE CONNECTION Ø

TAG	DESCRIPTION	BRANCH CONNECTIONS		
		DCW	DHW	SS
COTG	CLEAN OUT TO GRADE			4"
FCO	FLOOR CLEANOUT			4"
FD	FLOOR DRAIN			2"
HB1	ENCLOSED WALL HYDRANT - EXTERIOR	3/4"		
HB2	ENCLOSED WALL HYDRANT - INTERIOR	3/4"		
HB3	EXPOSED WALL HYDRANT - EXTERIOR	3/4"		
P1	WATER CLOSET - ADA HEIGHT	1"		4"
P2	URINAL	3/4"		2"
P3	SOLID SURFACE LAVATORY	1/2"	1/2"	2"
P4	WALL MOUNT LAVATORY	1/2"	1/2"	2"
P5	SINK - DOUBLE COMPARTMENT	1/2"	1/2"	2"
P6	MOP SINK - CORNER	1/2"	1/2"	3"
P7	BI-LEVEL WATER COOLER WITH BOTTLE FILLER	1/2"		1 1/2"
P8	TUBA CLEANING TUB	1/2"	1/2"	2"
RD	INDIRECT ROOF RECEPTOR			

General Notes

SANITARY WASTE AND VENT RISER GENERAL NOTES:

1. SANITARY RISERS ARE DIAGRAMMATIC. RISERS INDICATE GENERAL PIPE ROUTES AND SIZES FOR SYSTEM. CONTRACTOR SHALL PROVIDE ALL NECESSARY OFFSETS TO PROVIDE A FULLY FUNCTIONING SYSTEM.
2. SOME P-TRAPS FOR FIXTURES MAY NOT BE SHOWN FOR CLARITY OF RISER. ALL PLUMBING FIXTURES WITH SANITARY CONNECTIONS SHALL BE PROVIDED WITH EITHER INTEGRAL OR ANCILLARY P-TRAPS.
3. CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES IN ACCORDANCE WITH ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
4. CLOSELY COORDINATE ALL VTR ROOF PENETRATIONS WITH ABOVE CEILING DUCTWORK AND STRUCTURE. COORDINATE WITH ARCHITECT FOR FINAL LOCATION.

NATURAL GAS GENERAL NOTES:

1. ALL GAS PIPE SIZING IS BASED ON SYSTEM LONGEST LENGTH FROM THE REGULATOR AND EQUIPMENT DEMAND SHOWN ON PLANS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IF CONDITIONS DIFFER FROM SCHEMATIC LAYOUT.
2. REFER TO CIVIL DETAILS AND SPECIFICATIONS FOR INSTALLATION OF EXTERIOR OR BELOW GRADE PIPING.
3. REFER TO DETAILS FOR GAS CONNECTION TO MECHANICAL EQUIPMENT REQUIREMENTS.

NATURAL GAS DESIGN NOTES:

1. SYSTEM PRESSURE: 9"wc
2. SYSTEM LONGEST LENGTH: 125'-0"

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — CERTIFICATE OF AUTHORIZATION — BROWN ENGINEERS LLC — No. 1323 — MECHANICAL ENGINEERING

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 14264 — MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

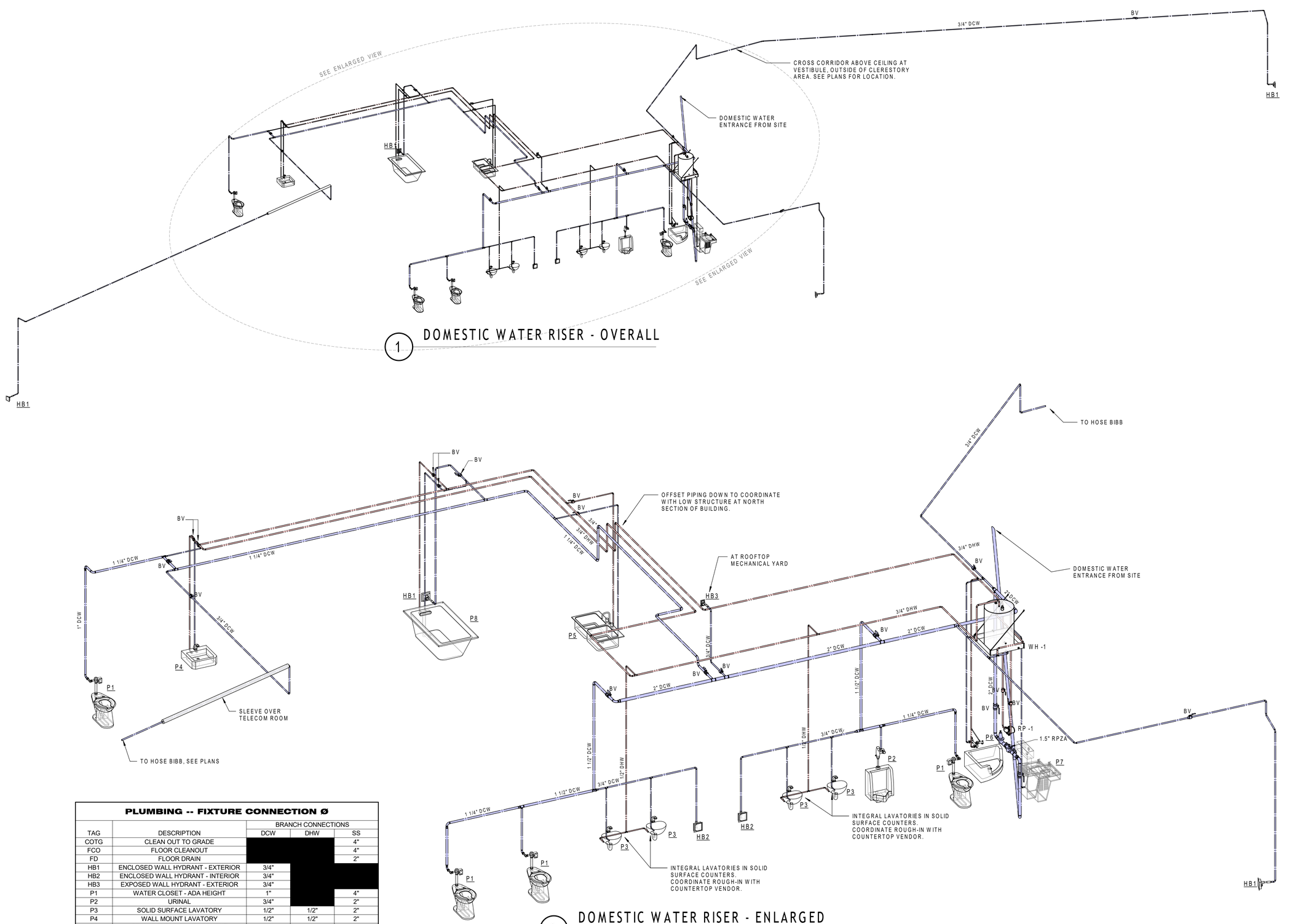
Sheet Title
PLUMBING RISERS I

Sheet Number
P301

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



1 DOMESTIC WATER RISER - OVERALL

2 DOMESTIC WATER RISER - ENLARGED

PLUMBING -- FIXTURE CONNECTION Ø

TAG	DESCRIPTION	BRANCH CONNECTIONS DCW	DHW	SS
COTG	CLEAN OUT TO GRADE			4"
FCO	FLOOR CLEANOUT			4"
FD	FLOOR DRAIN			2"
HB1	ENCLOSED WALL HYDRANT - EXTERIOR	3/4"		
HB2	ENCLOSED WALL HYDRANT - INTERIOR	3/4"		
HB3	EXPOSED WALL HYDRANT - EXTERIOR	3/4"		
P1	WATER CLOSET - ADA HEIGHT	1"		4"
P2	URINAL	3/4"		2"
P3	SOLID SURFACE LAVATORY	1/2"	1/2"	2"
P4	WALL MOUNT LAVATORY	1/2"	1/2"	2"
P5	SINK - DOUBLE COMPARTMENT	1/2"	1/2"	2"
P6	MOP SINK - CORNER	1/2"	1/2"	3"
P7	BI-LEVEL WATER COOLER WITH BOTTLE FILLER	1/2"		1 1/2"
P8	TUBA CLEANING TUB	1/2"	1/2"	2"
RD	INDIRECT ROOF RECEPTOR			

General Notes

DOMESTIC WATER GENERAL NOTES:

1. PROVIDE LEAD-FREE ISOLATION VALVE FOR EACH RESTROOM MAIN AND EACH BRANCH MAIN SERVING A BATTERY OF FIXTURES.
2. PERMANENTLY LABEL ALL VALVES TO INDICATED AREA THAT VALVE SERVES.
3. PROVIDE WATER HAMMER ARRESTOR AT END OF ALL DCW AND DHW BRANCH LINES BEFORE LAST FIXTURE. REFER TO DETAILS FOR WATER HAMMER ARRESTOR SCHEDULE. PROVIDE ACCESS TO WATER HAMMER ARRESTORS WHEN REQUIRED BY THE MANUFACTURER.
4. ROUTE ALL DOMESTIC WATER LINES CONCEALED ABOVE CEILING. WHERE DOMESTIC WATER LINES MUST BE ROUTED EXPOSED, PAINT EXPOSED PIPE AND COORDINATE WITH ARCHITECT FOR COLOR.

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS CERTIFICATE OF AUTHORIZATION BROWN ENGINEERS I LLC No. 1321 PROFESSIONAL ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER MELANIE C. RICHARDSON No. 14267

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

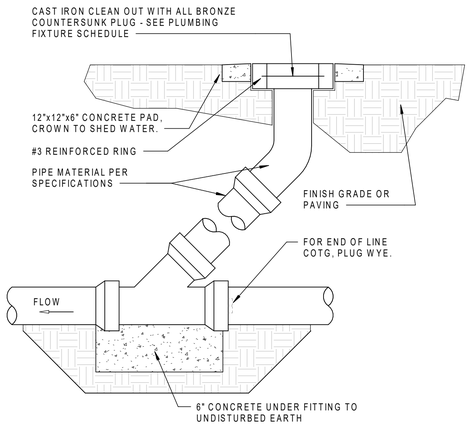
Sheet Title
PLUMBING RISERS II

Sheet Number
P302

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

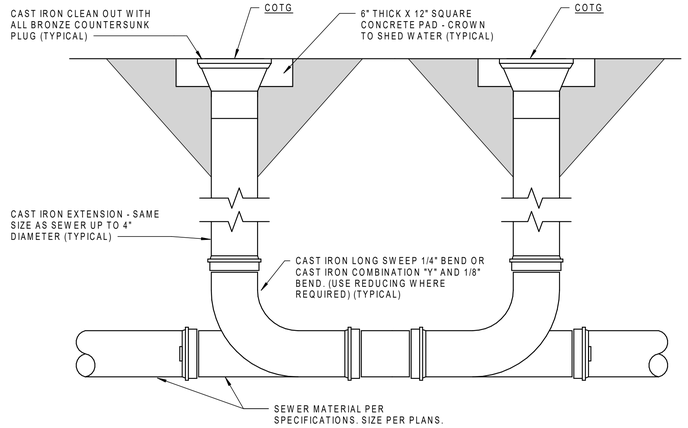
Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com



1 CLEAN OUT TO GRADE

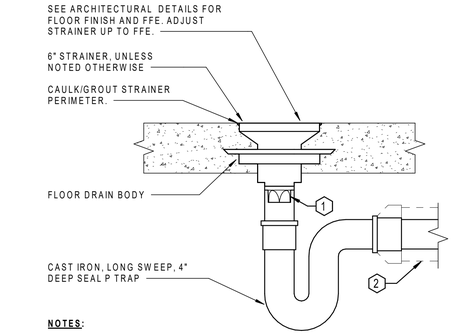
NOT TO SCALE

GENERAL NOTE: WHERE POSSIBLE, OFFSET COTG FITTINGS AWAY FROM BUILDING PERIMETER TO AVOID SIDEWALKS. ALL DCOTG LOCATIONS SHALL BE ACCESSIBLE FOR USE.



2 DOUBLE CLEANOUT TO GRADE

NOT TO SCALE



NOTES:

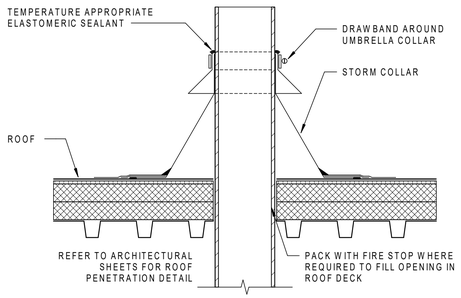
1. PROVIDE TRAP SEAL PROTECTION DEVICE.
2. FOR COMBINATION WASTE AND VENT, UPSIZE PIPE BY TWO NOMINAL SIZES.

3 FLOOR DRAIN

NOT TO SCALE

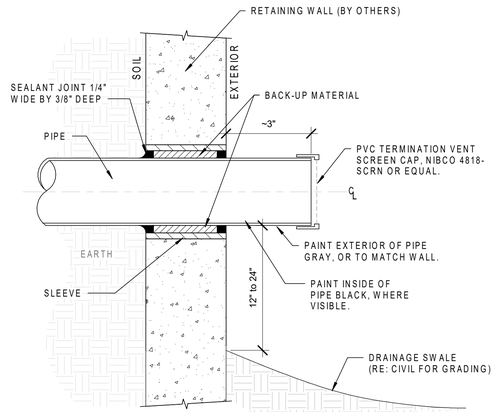
NOTES:

1. VENT ABOVE ROOF SHALL BE PAINTED TO MATCH ROOF. COORDINATE WITH ARCHITECT.
2. IF ARCHITECTURAL PIPE PENETRATION DETAIL IS AVAILABLE, IT SHALL SUPERCEDE THIS DETAIL.



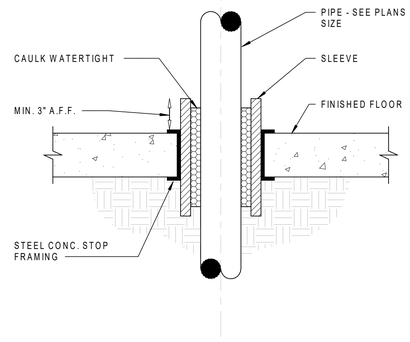
4 VENT THROUGH ROOF

NOT TO SCALE



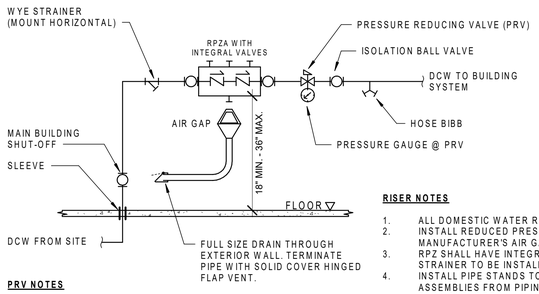
5 PIPE SLEEVE THROUGH WALL BELOW GRADE

NOT TO SCALE



6 FLOOR ON GRADE PENETRATION

NOT TO SCALE



PRV NOTES

1. IF INCOMING PRESSURE IS 70PSI OR GREATER, PROVIDE PRV EQUAL TO WATTS LF223 FOR 2 1/2" AND BELOW. PRV SHALL BE EQUAL TO WATTS LFN223B FOR 3".
2. SIZE PRV PER PLANS OR MATCH RPZ SIZE, DO NOT SIZE BASED ON DISTRIBUTION PIPE SIZE.
3. ENGINEER SHALL BE INFORMED IF INCOMING PRESSURE AT BUILDING IS 150PSI OR GREATER.

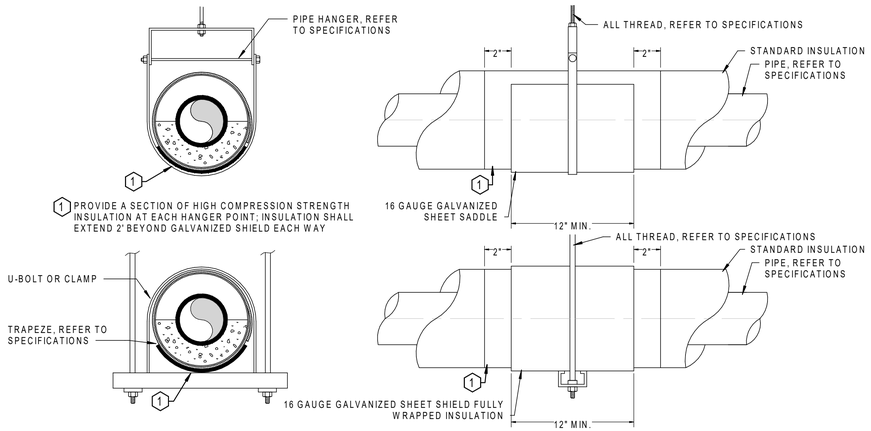
RPZ SIZE	MAKE	MODEL
1/4" - 3/4"	WATTS	U-LF009QT-S
1" - 2"	WATTS	U-LF009M2-QT-S
2 1/2" - 3"	WATTS	LF009QT-FDA
4" - 10"	WATTS	LF909-OSY-S-FDA

RISER NOTES

1. ALL DOMESTIC WATER RISER COMPONENTS SHALL BE LEAD-FREE.
2. INSTALL REDUCED PRESSURE ZONE ASSEMBLY (RPZA) BACKFLOW PREVENTER WITH MANUFACTURER'S AIR GAP AND ROUTE FULL-SIZE TO SANITARY.
3. RPZ SHALL HAVE INTEGRAL STRAINER UNLESS SPATIAL CONSTRAINTS REQUIRE STRAINER TO BE INSTALLED SEPARATELY.
4. INSTALL PIPE STANDS TO SUPPORT THE COMPONENTS. DO NOT SUPPORT ASSEMBLIES FROM PIPING. INSTALL BEARING PLATES ON CONCRETE FLOOR UNDER EACH SUPPORT.
5. COORDINATE FINAL LOCATION OF DOMESTIC RISER WITH ALL OTHER SYSTEMS AND EQUIPMENT IN ASSOCIATED ROOM. RISER SHALL NOT INTERFERE WITH OR IMPEDE OPERATIONS OF OTHER SYSTEMS OR FACILITY PERSONNEL.
6. INSTALL ALL VALVES SO THAT VALVE HANDLES ARE NOT IMPEDED IN ANY MANNER AND ARE EASILY OPERATED FROM INTERIOR OF ROOM.
7. WHEN MOUNTED NEXT TO A WALL, RPZA SHALL HAVE 12" CLEARANCE BETWEEN TEST PORTS AND WALL, MINIMUM.

7 RPZ DOMESTIC WATER RISER

NOT TO SCALE



8 INSULATED PIPE HANGER

NOT TO SCALE

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS — BROWN ENGINEERS LLC — No. 1327 — CERTIFICATE OF AUTHORIZATION

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 14267 — MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

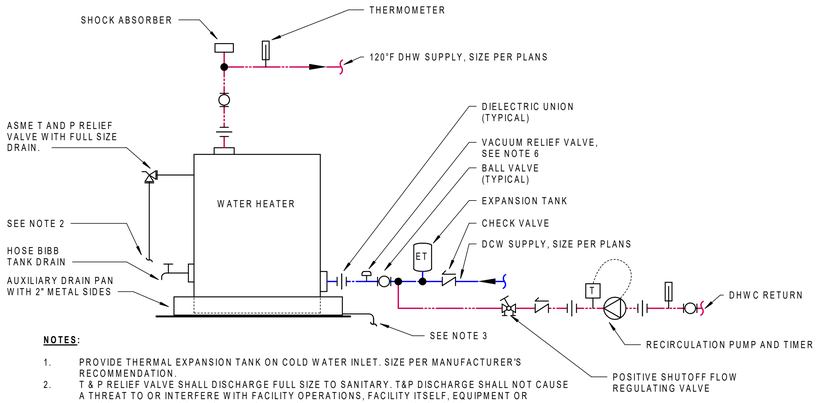
Sheet Title
PLUMBING DETAILS I

Sheet Number
P401

Copyright © 2025 JBP

BROWN ENGINEERS
17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects
12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com

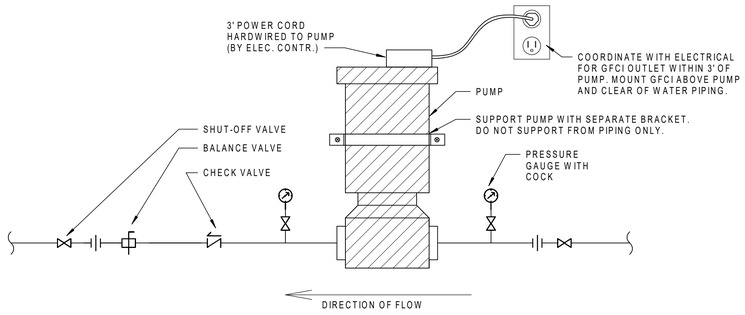


NOTES:

1. PROVIDE THERMAL EXPANSION TANK ON COLD WATER INLET. SIZE PER MANUFACTURER'S RECOMMENDATION.
2. T & P RELIEF VALVE SHALL DISCHARGE FULL SIZE TO SANITARY. T&P DISCHARGE SHALL NOT CAUSE A THREAT TO OR INTERFERE WITH FACILITY OPERATIONS, FACILITY ITSELF, EQUIPMENT OR PERSONNEL. THE DISCHARGE PIPE SHALL NOT HAVE ANY TRAPPED SECTIONS.
3. PAN DRAIN SHALL EXTEND FULL SIZE TO SANITARY.
4. T & P RELIEF VALVE AND DRAIN PAN DISCHARGE SHALL CONFORM TO ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
5. FOR SUSPENDED WATER HEATERS, PROVIDE PRE-MANUFACTURED PLATFORM EQUAL TO 'HOLD-RITE'. PLATFORM SHALL BE RATED FOR FULL WEIGHT OF WATER HEATER AND ACCESSORIES WHEN FILLED. PROVIDE SECONDARY SEISMIC STRAP AROUND WATER HEATER AND SECURED TO STRUCTURE.
6. PROVIDE BOTTOM FED WATER HEATERS WITH VACUUM RELIEF VALVE WHICH MEETS ANSI Z21.22.
7. SET PUMP TIMER SO THAT RECIRCULATION PUMP OPERATES ONLY DURING OCCUPIED HOURS.

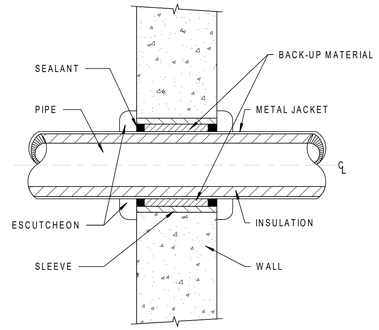
1 WATER HEATER - SINGLE TEMP. W/RECIRC.

NOT TO SCALE



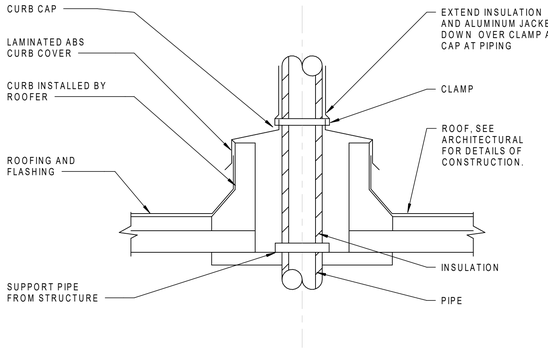
2 DHW RECIRCULATION PUMP

NOT TO SCALE



3 PIPE SLEEVE THROUGH WALL

NOT TO SCALE



PROVIDE PORTAL PRODUCTS AS MANUFACTURED BY ROOF PRODUCTS AND SYSTEMS, BENSENVILLE, IL

4 ROOF PENETRATION PIPING

NOT TO SCALE

HAMMER ARRESTOR SCHEDULE		
SUPPLY BRANCH SIZE	PDI HAMMER ARRESTOR SIZE	FIXTURE UNITS
1/2" - 1"	A	1-11
1-1/4"	B	12-32
1-1/2"	C	33-60
2"	D	61-113
2-1/2"	E	114-154
3"	F	155-330

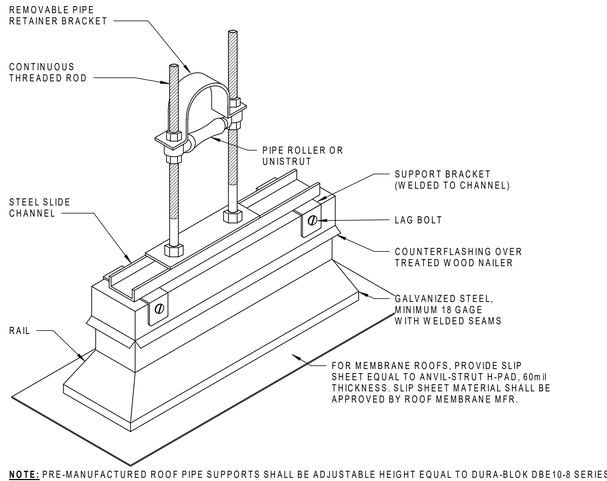
COMMON PUBLIC FIXTURE GROUPS		
PLUMBING GROUP FIXTURES	C.W.F.U.	
	FLUSH TANK	FLUSH VALVE
1 TLT, 1 LAV	6.5	11.5
2 TLT, 2 LAV	13.5	23
1 TLT, 1 UR, 1 LAV	13	18
3 TLT, 3 LAV	19.5	34.5
2 TLT, 1 UR, 3 LAV	19.5	29.5
4 TLT, 4 LAV	26	46

NOTES:

1. ALL BATHROOM GROUPS SHALL INCLUDE A MINIMUM OF ONE DCW ARRESTOR AND ONE DHW ARRESTOR SIZED PER HAMMER ARRESTOR SCHEDULE. ADDITIONAL ARRESTORS SHALL BE INSTALLED WHERE INDICATED.
2. ARRESTORS SHALL BE P.D.I.-WH201 APPROVED AND CERTIFIED.
3. ARRESTORS SHALL HAVE WROUGHT COPPER SHELL WITH THREADED CONNECTIONS AND HYDRO-PNEUMATIC AIR CUSHION.
4. PROVIDE ACCESS TO ARRESTORS.
5. FURNISH AND INSTALL WITH ISOLATION VALVES INDEPENDENT OF ASSEMBLY.

5 WATER HAMMER ARRESTOR SCHEDULE

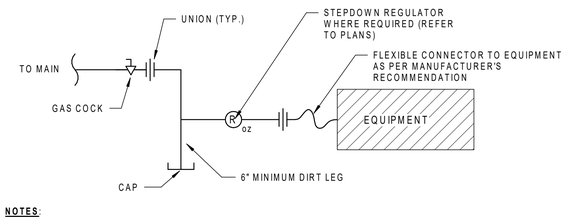
NOT TO SCALE



NOTE: PRE-MANUFACTURED ROOF PIPE SUPPORTS SHALL BE ADJUSTABLE HEIGHT EQUAL TO DURA-BLOK DBE10-8 SERIES

6 ROOF MOUNTED PIPE SUPPORT

NOT TO SCALE

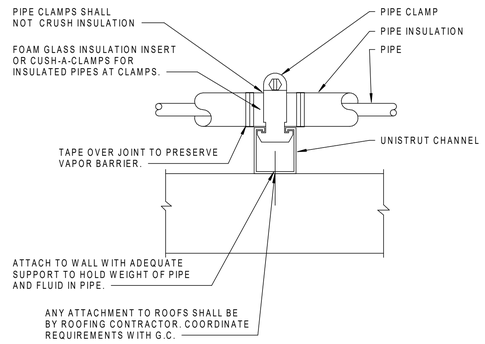


NOTES:

1. ALL GAS FIRED EQUIPMENT PROVIDED WITHOUT INTERNAL GAS REGULATOR FROM FACTORY, OR WITH ONE OF INADEQUATE CAPACITY SHALL BE PROVIDED WITH AN EXTERNAL GAS REGULATOR CAPABLE OF SUPPLYING GAS SERVICE TO EQUIPMENT AT PRESSURE AND FLOW AS PRESCRIBED BY EQUIPMENT MANUFACTURER.

7 GAS CONNECTION TO EQUIPMENT

NOT TO SCALE



8 PIPING SUPPORT

NOT TO SCALE

General Notes

GREENBRIER HS BAND BLDG

GREENBRIER, AR

STATE OF ARKANSAS CERTIFICATE OF AUTHORIZATION BROWN ENGINEERS, LLC No. 1323 PROFESSIONAL ENGINEERING

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 14267 MELANIE C. RICHARDSON

Date
02-27-2026
Revisions

No.	Title	Date

JOB NUMBER JBP-116

Sheet Title
PLUMBING DETAILS II

Sheet Number
P402

Copyright © 2025 JBP

BROWN ENGINEERS

17200 Chenal Pkwy.
Suite 300 PMB 324
Little Rock, AR 72223
501.448.0100 tel
www.brownengineers.net

Jackson Brown Palculict architects

12921 Cantrell Road, Suite 201
Little Rock, AR 72223
501.664.8700 tel
501.664.5189 fax
www.jbparchitects.com