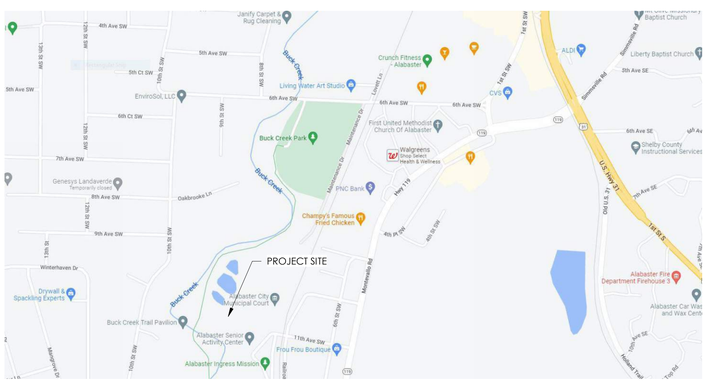
ALABASTER AMPHITHEATER - REBID

ALABASTER, ALABAMA

VICINITY MAP



PROJECT TEAM

OWNER: **CITY OF ALABASTER**
1953 MUNICIPAL WAY
ALABASTER, ALABAMA 35007
205.664.6800

ARCHITECT: **TURNERBATSON**
1950 STONEGATE DRIVE, SUITE 200
BIRMINGHAM, ALABAMA 35242
205.403.6201 FAX: 205.403.6206
www.turnerbatson.com

CIVIL ENGINEER: **ENGINEERING DESIGN GROUP**
120 BISHOP CIRCLE, SUITE 300
PELHAM, ALABAMA 35124
205.403.9158

LANDSCAPE ARCHITECT: **FORME DESIGN GROUP**
P.O. BOX 2564
STARKVILLE, MS 39760
662.418.7450

STRUCTURAL ENGINEER: **MBA STRUCTURAL ENGINEERS, INC.**
300 20TH STREET NORTH
SUITE 100
BIRMINGHAM, ALABAMA 35203
205.323.6385 FAX: 205.324.0698

MECHANICAL ENGINEER: **PINNACLE ENGINEERING, INC.**
2111 PARKWAY OFFICE CIRCLE,
SUITE 125
BIRMINGHAM, ALABAMA 35244
205.733.6912

ELECTRICAL ENGINEER: **GUNN & ASSOCIATES**
3102 HIGHWAY 14
MILLBROOK, ALABAMA 36054
205.285.1273

INDEX

01 GENERAL
G0.00 COVER SHEET
G0.21 FIRST FLOOR LIFE SAFETY PLANS
G0.30 ACCESSIBILTY DETAILS
G0.31 ACCESSIBILITY DETAILS

01 TOPOGRAPHICAL SURVEY
TS01 BOUNDARY AND TOPOGRAPHICAL SURVEY
TS02 BOUNDARY AND TOPOGRAPHICAL SURVEY

02 CIVIL
C0.1 GENERAL NOTES
C0.2 OVERALL SITE PLAN
C1.0 SOUTH PARKING LOT DEMO PLAN
C1.1 AMPHITHEATER DEMO PLAN
C2.0 SOUTH PARKING LOT SITE PLAN
C2.1 AMPHITHEATER SITE PLAN
C3.0 SOUTH PARKING LOT GRADING PLAN
C3.1 AMPHITHEATER GRADING PLAN
C4.0 SOUTH PARKING LOT PHASE 1 EROSION CONTROL PLAN
C4.1 AMPHITHEATER PHASE 1 EROSION CONTROL PLAN
C4.2 SOUTH PARKING LOT PHASE 2 EROSION CONTROL PLAN
C4.3 AMPHITHEATER PHASE 2 EROSION CONTROL PLAN
C5.0 SOUTH PARKING LOT UTILITY PLAN
C5.1 AMPHITHEATER UTILITY PLAN
C6.0 DETAILS
C6.1 DETAILS

03 LANDSCAPE
L1.1 HARDSCAPE PLAN
L1.2 HARDSCAPE LAYOUT PLAN
L2.1 HARDSCAPE DETAILS
L2.2 HARDSCAPE DETAILS
L2.3 HARDSCAPE DETAILS
L3.1 OVERALL IRRIGATION PLAN
L3.2 IRRIGATION PLAN BASE BID, ALTERNATE #1, & #2
L3.3 IRRIGATION NOTES & DETAILS
L4.1 LANDSCAPE PLAN
L4.2 LANDSCAPE PLAN ALTERNATES #1 & #2
L4.3 LANDSCAPE DETAILS & SCHEDULE

04 ARCHITECTURAL
A0.00 ARCHITECTURAL SITE PLAN
A0.10 BUS SHELTER PLANS, SECTIONS AND DETAILS
A2.01 FIRST FLOOR PLANS
A2.02 ROOF PLANS
A3.00 DOOR AND FRAME SCHEDULE
A3.10 PARTITION SCHEDULE AND CAST STONE LEGEND
A4.00 EXTERIOR ELEVATIONS - SENIOR CENTER ADDITION
A4.00A EXTERIOR ELEVATIONS - EXISTING SENIOR CENTER
A4.01 EXTERIOR ELEVATIONS - PAVILION
A5.00 BUILDING SECTIONS
A6.00 WALL SECTIONS - SENIOR CENTER ADDITION
A6.01 WALL SECTIONS - SENIOR CENTER ADDITION
A6.02 WALL SECTIONS - PAVILION
A6.03 WALL SECTIONS - PAVILION
A6.10 VERTICAL CIRCULATION
A7.00 PLAN DETAILS
A7.01 PLAN DETAILS
A7.10 SECTION DETAILS - ALTERNATE NO. 1
A7.11 SECTION DETAILS - ALTERNATE NO. 1
A7.12 SECTION DETAILS - ALTERNATE NO.1
A7.13 SECTION DETAILS
A7.14 SECTION DETAILS
A7.15 SECTION DETAILS
A8.00 INTERIOR ELEVATIONS AND ENLARGED PLANS - ALTERNATE NO. 1
A8.01 INTERIOR ELEVATIONS AND ENLARGED PLANS - ALTERNATE NO. 1
A8.02 INTERIOR ELEVATIONS AND ENLARGED PLANS
A8.10 MILLWORK SECTIONS - ALTERNATE NO. 1
A8.11 MILLWORK SECTIONS
A9.00 FINISH LISTING
A9.01 FIRST FLOOR FINISH PLANS
A9.11 FIRST FLOOR REFLECTED CEILING PLAN

06 STRUCTURAL
S1.01 GENERAL NOTES
S1.02 GENERAL NOTES
S1.03 TYPICAL DETAILS
S1.04 TYPICAL DETAILS
S1.05 TRUSS ELEVATION
S2.01 FOUNDATION & FIRST FLOOR PLANS
S2.02 ROOF FRAMING PLANS
S2.03 BUS SHELTER PLANS
S3.01 SECTIONS
S3.02 SECTIONS

07 MECHANICAL
M0.01 MECHANICAL LEGENDS, SCHEDULES, AND DETAILS
M2.01 MECHANICAL FLOOR PLANS
M2.02 MECHANICAL ROOF PLANS
M3.01 MECHAINCAL DETAILS
M3.02 MECHANICAL DETAILS

08 PLUMBING
P0.01 PLUMBING LEGEND, ABBREV., SCHEDULES, & DETAILS
P2.01 PLUMBING GRAVITY PLANS
P2.11 PLUMBING PRESSURE PLANS
P3.01 PLUMBING DETAILS
P3.02 PLUMBING DETAILS

10 ELECTRICAL
E0.01 ELECTRICAL LEGEND
E0.02 ELECTRICAL LEGEND AND NOTES
E1.01 SITE PLAN - ELECTRICAL DEMOLITION
E1.02 SITE PLAN - ELECTRICAL NEW WORK BASE BID
E1.03 SITE PLAN - ELECTRICAL NEW WORK ALTERNATES 1 AND 2
E2.01 FLOOR PLAN - PAVILION & SENIOR CENTER LIGHTING
E2.02 FLOOR PLAN - PAVILION & SENIOR CENTER LIGHTING
E3.01 FLOOR PLAN - PAVILION & SENIOR CENTER POWER AND AUXILIARY
E3.02 FLOOR PLAN - PAVILION & SENIOR CENTER EQUIPMENT POWER
E3.03 EQUIPMENT SCHEDULE
E4.01 LUMINAIRE SCHEDULE AND NOTES
E4.02 PANELBOARD SCHEUDLE AND NOTES
E4.03 PANELBOARD SCHEDULE AND NOTES
E5.01 POWER RISER DIAGRAM
E5.02 GROUNDING DETAILS
E6.01 AUXILIARY DETAILS
E6.02 AUXILIARY DETAILS
E6.03 POWER BOX DETAIL

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: COVER SHEET

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, HHB

G0.00

10/27/2023 10:01:18 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

LIFE SAFETY LEGEND

FEC	FIRE EXTINGUISHER IN SEMI-RECESSED CABINET - SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS.
AED	DEFIBRILLATOR (AED) IN SEMI-RECESSED CABINET - SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS.
20-MIN.	DOOR RATING
	MEANS OF EGRESS
	EXIT LIGHT
100	EGRESS CAPACITY
0	ACTUAL EGRESS COUNT
100	OCCUPANCY COUNT
	1-HR. PARTITION
	2-HR. PARTITION

CODE SUMMARY - PAVILION

APPLICABLE CODES
2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL FUEL GAS CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2020 NATIONAL ELECTRICAL CODE (NFPA 70)
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

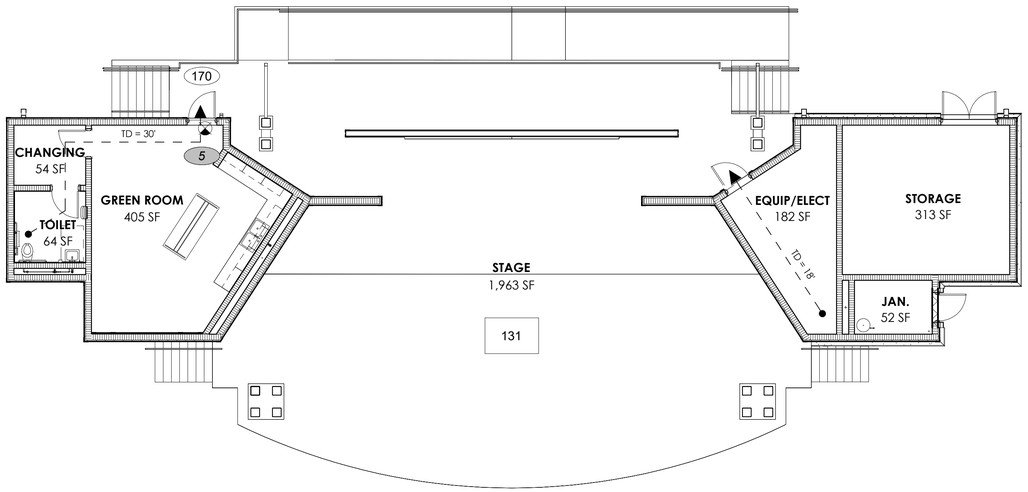
OCCUPANCY
TYPE: ASSEMBLY GROUP A-5
OCCUPANTS:
FIRST FLOOR: 150

BUILDING HEIGHTS AND AREAS
ALLOWABLE BUILDING HEIGHT TYPE IIB-NS GROUP A-5: 55 FEET
ACTUAL BUILDING HEIGHT: 31 FEET
ALLOWABLE NO. OF STORIES TYPE IIB-NS GROUP A-5: UL
ACTUAL NO. OF STORIES: 1
ALLOWABLE AREA: UL
ACTUAL AREA:
FIRST FLOOR: 1,212 S.F.

TYPE OF CONSTRUCTION
IIB, NON-SPRINKLERED

REQUIRED RATINGS
PRIMARY STRUCTURAL FRAME: 0 HOUR
FLOOR CONSTRUCTION AND SECONDARY MEMBERS: 0 HOUR
ROOF CONSTRUCTION AND SECONDARY MEMBERS: 0 HOUR
EXTERIOR BEARING WALLS: 0 HOUR
INTERIOR BEARING WALLS: 0 HOUR
INTERIOR NON-BEARING WALLS: NONE.

MEANS OF EGRESS
.3 INCH/OCCUPANT AT NON-SPRINKLERED STAIRWAYS
.2 INCH/OCCUPANT FOR ALL OTHER NON-SPRINKLERED EGRESS COMPONENTS
EXIT ACCESS TRAVEL DISTANCE: GROUP A-5 200 FEET WITHOUT SPRINKLER SYSTEM



2 / G0.21 **LIFE SAFETY PLAN - PAVILION**
1/8" = 1'-0"

CODE SUMMARY - SENIOR CENTER

APPLICABLE CODES
2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL PLUMBING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL FUEL GAS CODE
2021 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
2020 NATIONAL ELECTRICAL CODE (NFPA 70)
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

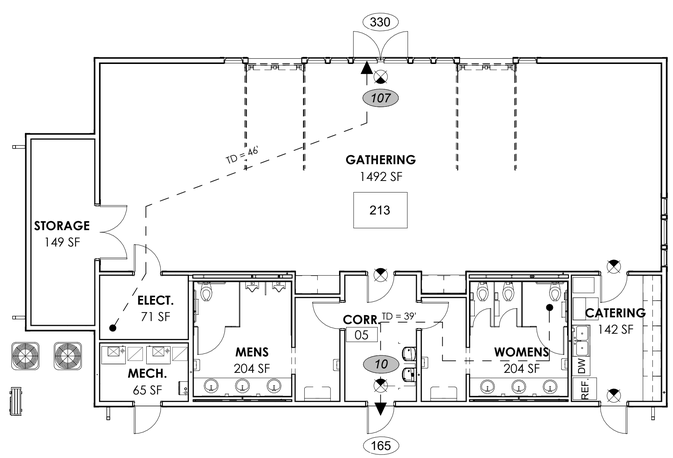
OCCUPANCY
TYPE: ASSEMBLY GROUP A-3
OCCUPANTS:
FIRST FLOOR: 213

BUILDING HEIGHTS AND AREAS
ALLOWABLE BUILDING HEIGHT TYPE VB-NS GROUP A-3: 40 FEET
ACTUAL BUILDING HEIGHT: 26 FEET
ALLOWABLE NO. OF STORIES TYPE VB-NS GROUP A-3: 1
ACTUAL NO. OF STORIES: 1
ALLOWABLE AREA: 6,000 S.F.
ACTUAL AREA:
FIRST FLOOR: 2,650 S.F.

TYPE OF CONSTRUCTION
VB, NON-SPRINKLERED

REQUIRED RATINGS
PRIMARY STRUCTURAL FRAME: 0 HOUR
FLOOR CONSTRUCTION AND SECONDARY MEMBERS: 0 HOUR
ROOF CONSTRUCTION AND SECONDARY MEMBERS: 0 HOUR
EXTERIOR BEARING WALLS: 0 HOUR
INTERIOR BEARING WALLS: 0 HOUR
INTERIOR NON-BEARING WALLS: NONE.

MEANS OF EGRESS
.3 INCH/OCCUPANT AT NON-SPRINKLERED STAIRWAYS
.2 INCH/OCCUPANT FOR ALL OTHER NON-SPRINKLERED EGRESS COMPONENTS
EXIT ACCESS TRAVEL DISTANCE: GROUP A-3 200 FEET WITHOUT SPRINKLER SYSTEM



1 / G0.21 **LIFE SAFETY PLAN - SENIOR CENTER ADDITION**
1/8" = 1'-0"
ALTERNATE NO. 01

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER & BATSON
REGISTERED ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

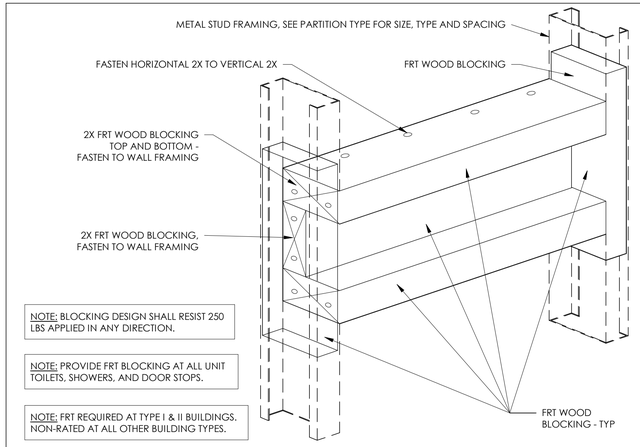
No	Date	Description

SHEET TITLE:
FIRST FLOOR LIFE SAFETY PLANS

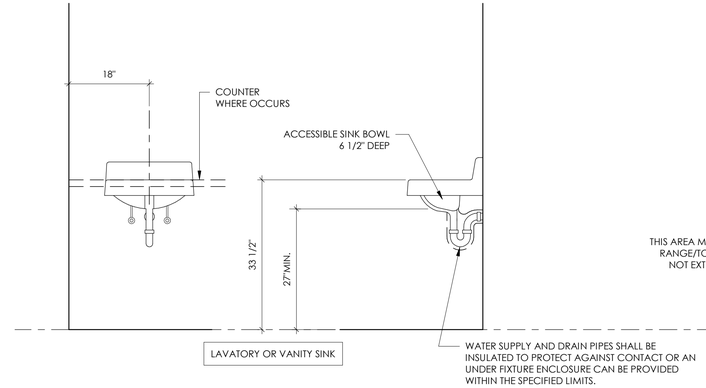
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, HHB

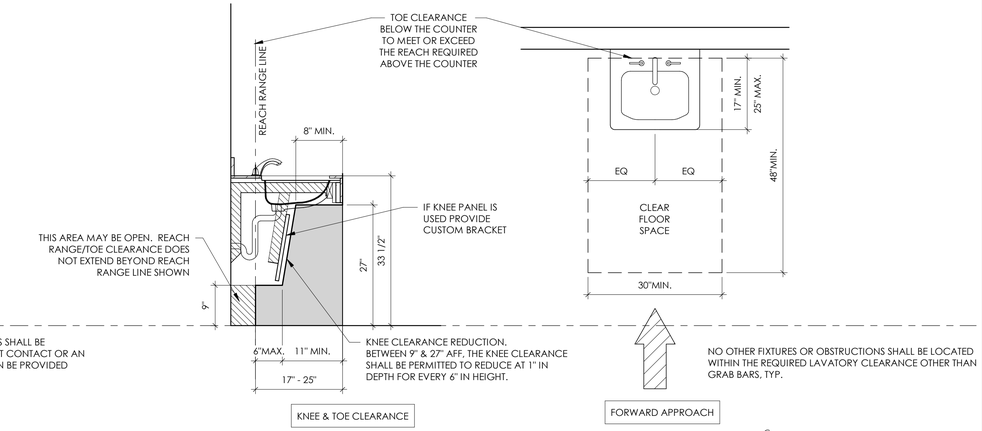
G0.21

10/26/2023 8:22:14 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

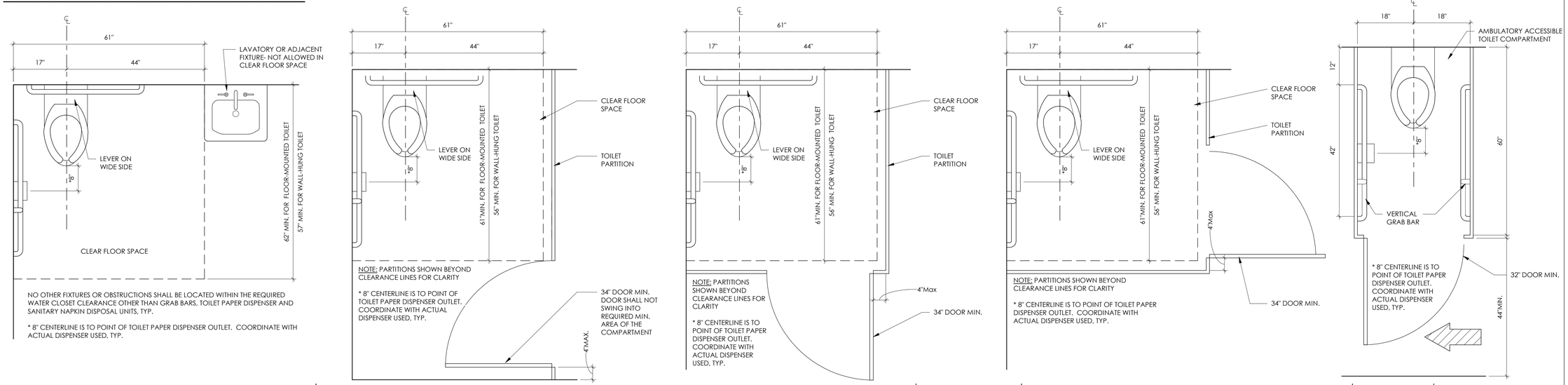


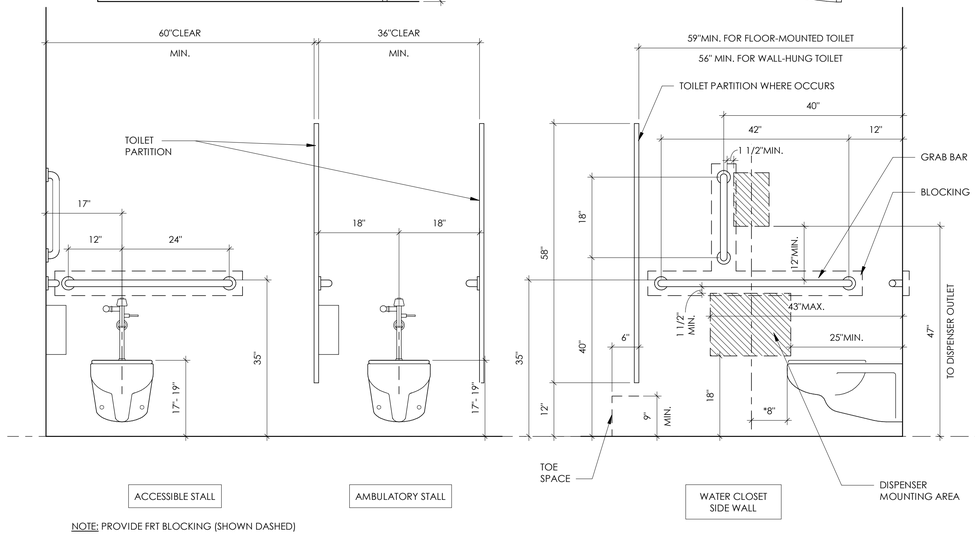
GRAB BAR & SEAT BLOCKING DETAIL

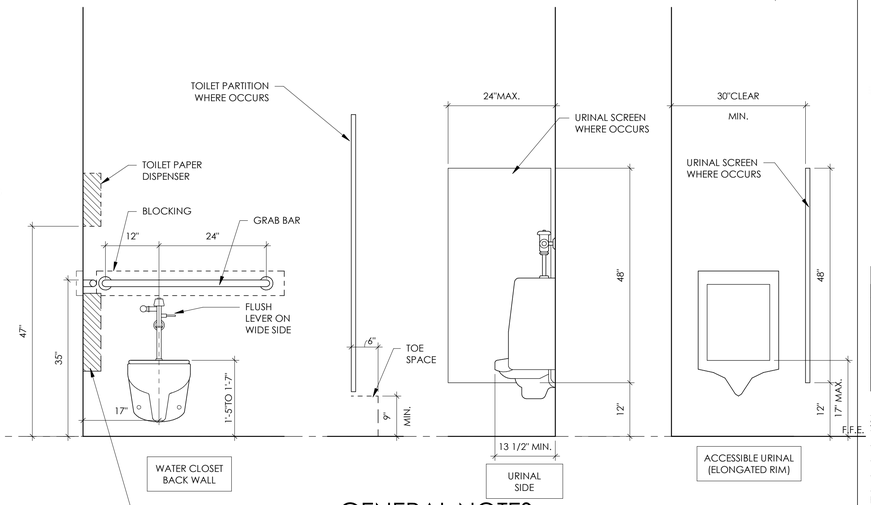




CLEARANCE DETAIL- LAVATORY







CLEARANCE DETAIL- WATER CLOSET

NOTE: LAVATORIES, TOILET ACCESSORIES, OTHER THAN DISPENSERS AND SANITARY NAPKIN DISPOSAL UNITS AND ADJACENT FIXTURES ARE NOT ALLOWED IN CLEAR FLOOR SPACE.
* 8" CENTERLINE IS TO POINT OF TOILET PAPER DISPENSER OUTLET. COORDINATE WITH ACTUAL DISPENSER USED, TYP.

GENERAL NOTES

REVIEW FOR COMPLIANCE WITH:
1. DEPARTMENT OF JUSTICE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
2. ICC A117.1 2009 (ANSI) ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

THIS DOCUMENT IS NOT APPLICABLE FOR ITEMS SERVING CHILDREN AGES 3 THROUGH 12 UNLESS SPECIFICALLY NOTED

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER L. BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

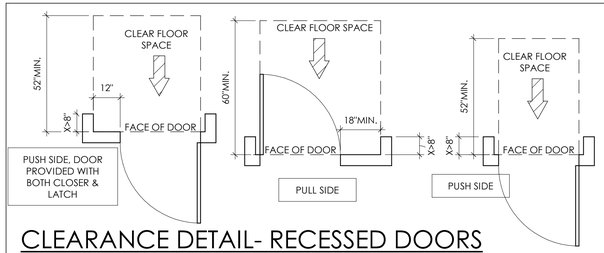
No	Date	Description

SHEET TITLE: ACCESSIBILTY DETAILS

PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, HHB

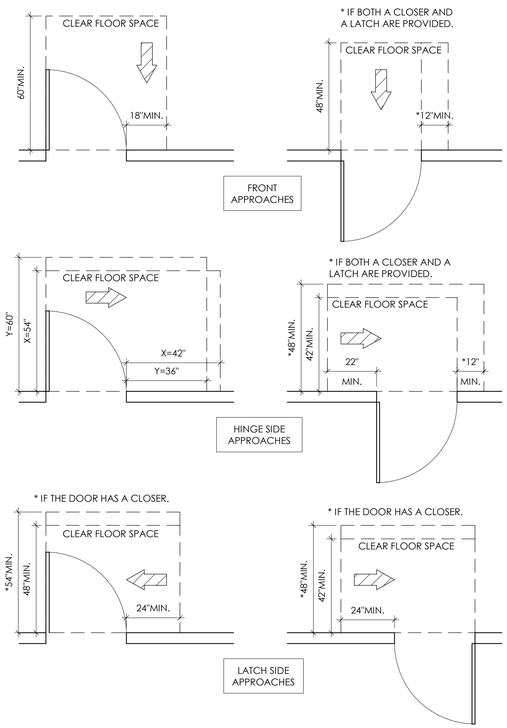
G0.30

10/26/2023 8:22:14 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

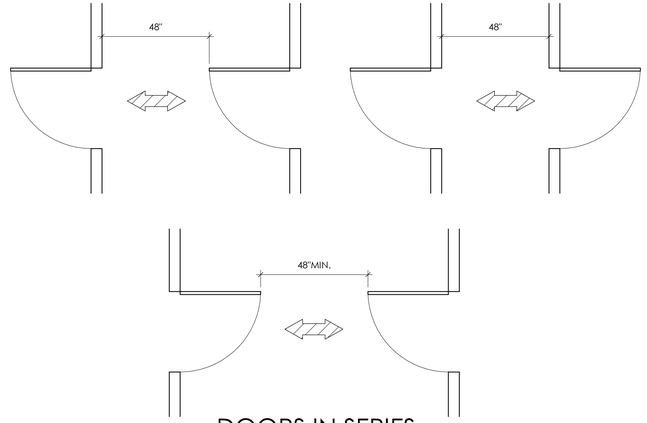


CLEARANCE DETAIL- RECESSED DOORS

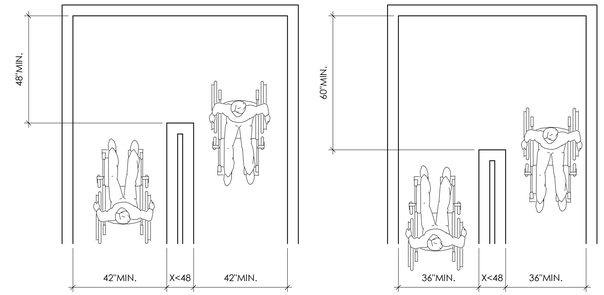
NOTE: UNLESS OTHERWISE SPECIFIED DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES. DOORS SHALL NOT SWING INTO PLUMBING FIXTURE CLEARANCE EXCEPT IN A SINGLE FIXTURE RESTROOM THAT PROVIDED WITH A 30"X48" CLEAR FLOOR SPACE BEYOND THE ARC OF THE DOOR SWING.



CLEARANCE DETAIL- DOOR APPROACH



DOORS IN SERIES



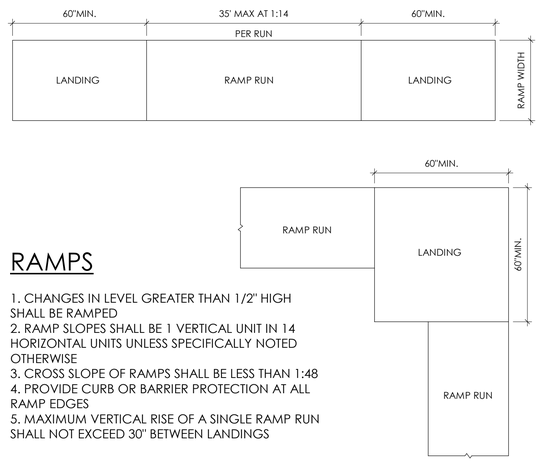
CLEAR WIDTH AT TURN

GENERAL NOTES

REVIEW FOR COMPLIANCE WITH:

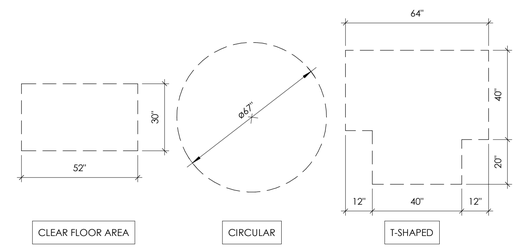
1. DEPARTMENT OF JUSTICE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
2. ICC A117.1 2009 (ANSI) ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

THIS DOCUMENT IS NOT APPLICABLE FOR ITEMS SERVING CHILDREN AGES 3 THROUGH 12 UNLESS SPECIFICALLY NOTED

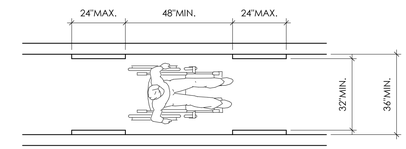


RAMPS

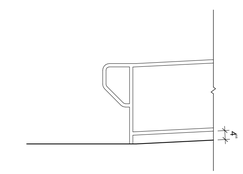
1. CHANGES IN LEVEL GREATER THAN 1/2" HIGH SHALL BE RAMPED
2. RAMP SLOPES SHALL BE 1 VERTICAL UNIT IN 14 HORIZONTAL UNITS UNLESS SPECIFICALLY NOTED OTHERWISE
3. CROSS SLOPE OF RAMPS SHALL BE LESS THAN 1:48
4. PROVIDE CURB OR BARRIER PROTECTION AT ALL RAMP EDGES
5. MAXIMUM VERTICAL RISE OF A SINGLE RAMP RUN SHALL NOT EXCEED 30" BETWEEN LANDINGS



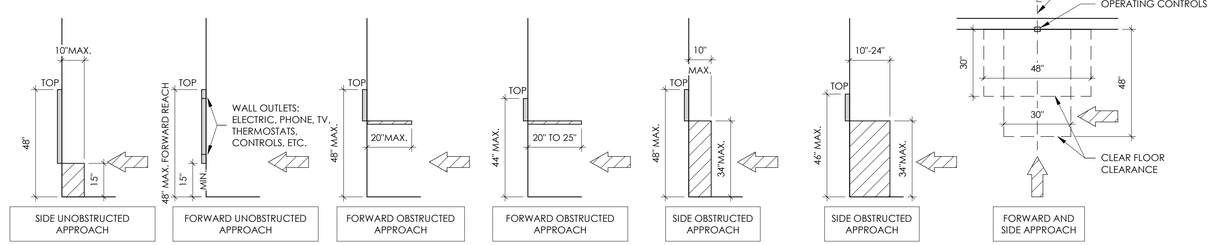
CLEAR SPACE & TURNING RADIUS



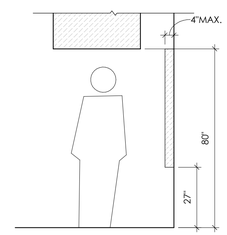
CLEAR WIDTH OF AN ACCESSIBLE ROUTE



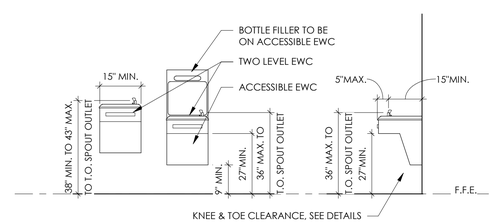
CURB OR BARRIER EDGE PROTECTION

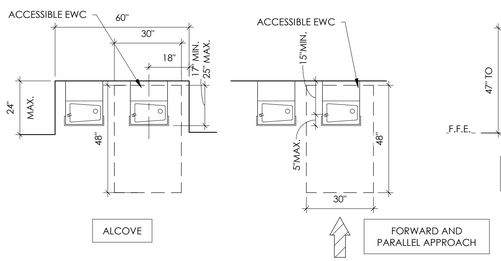


CONTROLS & REACH RANGE

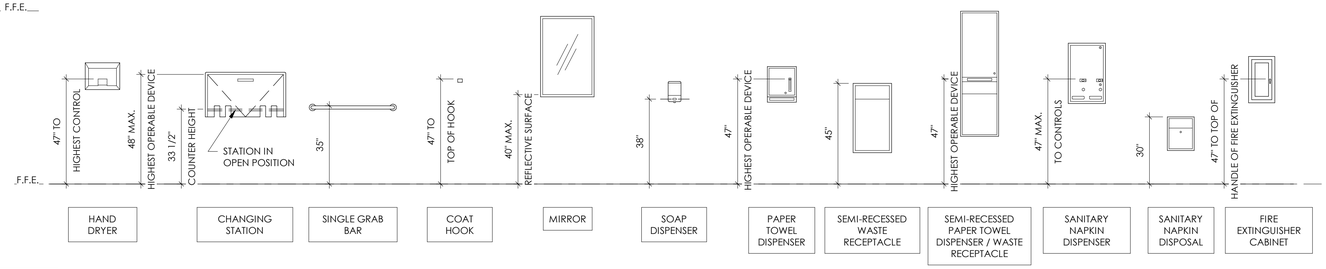


LIMITS OF PROTRUDING OBJECTS

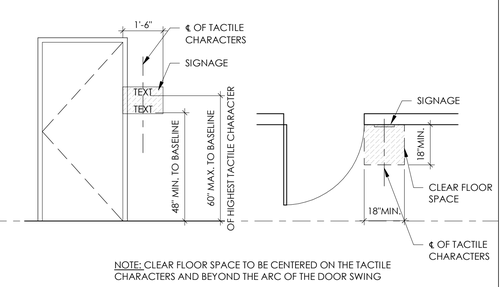




CLEARANCE DETAIL- WATER COOLER



TYPICAL MOUNTING HEIGHTS- ACCESSORIES



NOTE: CLEAR FLOOR SPACE TO BE CENTERED ON THE TACTILE CHARACTERS AND BEYOND THE ARC OF THE DOOR SWING

SIGNAGE MOUNTING LIMITS

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER & BATSON
REGISTERED ARCHITECTS

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: ACCESSIBILITY DETAILS

PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, HHB

G0.31

10/26/2023 8:22:15 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

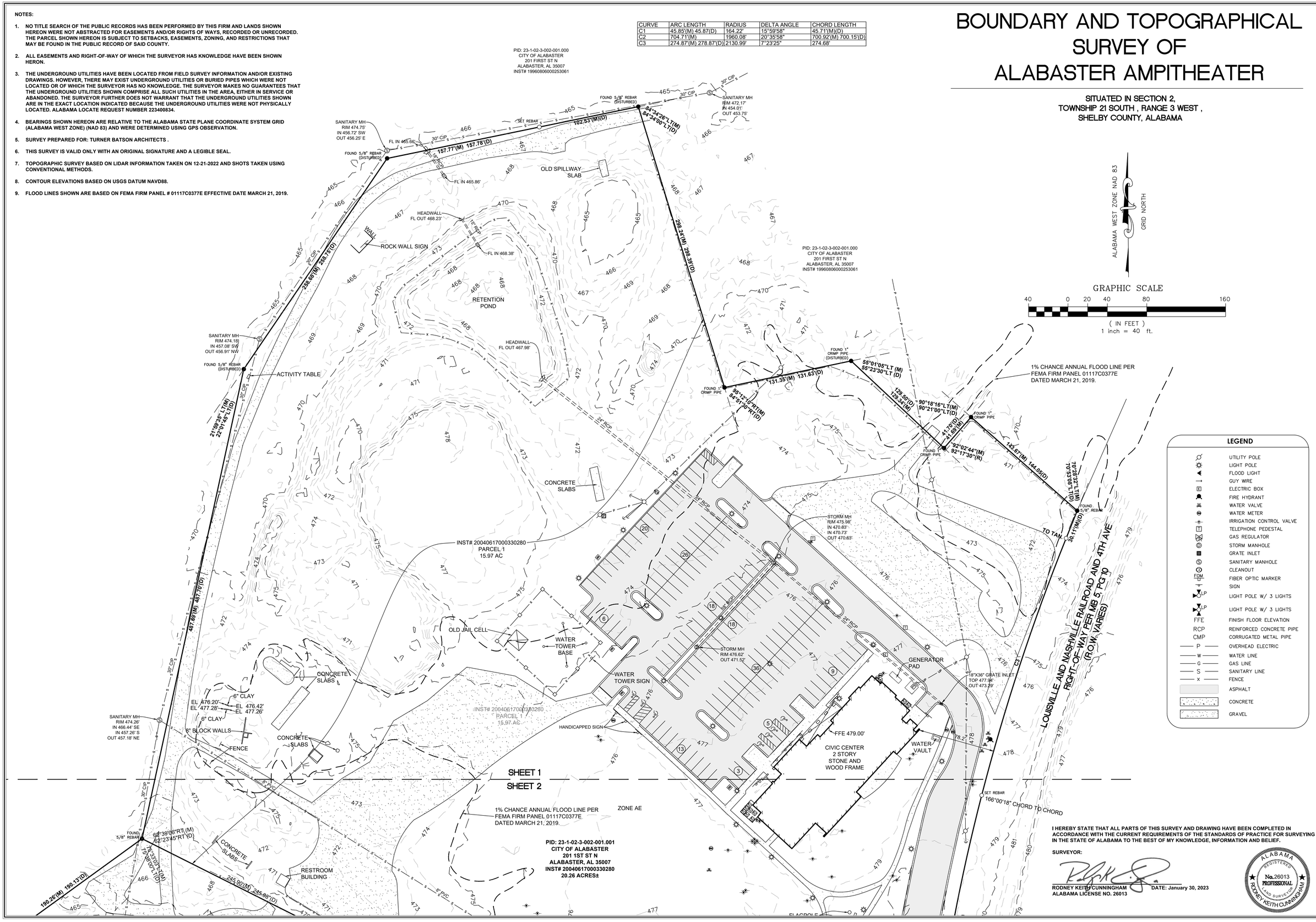
BOUNDARY AND TOPOGRAPHICAL SURVEY OF ALABASTER AMPITHEATER

SITUATED IN SECTION 2,
TOWNSHIP 21 SOUTH , RANGE 3 WEST ,
SHELBY COUNTY, ALABAMA

NOTES:

1. NO TITLE SEARCH OF THE PUBLIC RECORDS HAS BEEN PERFORMED BY THIS FIRM AND LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENTS AND/OR RIGHTS OF WAYS, RECORDED OR UNRECORDED. THE PARCEL SHOWN HEREON IS SUBJECT TO SETBACKS, EASEMENTS, ZONING, AND RESTRICTIONS THAT MAY BE FOUND IN THE PUBLIC RECORD OF SAID COUNTY.
2. ALL EASEMENTS AND RIGHT-OF-WAY OF WHICH THE SURVEYOR HAS KNOWLEDGE HAVE BEEN SHOWN HERON.
3. THE UNDERGROUND UTILITIES HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR EXISTING DRAWINGS. HOWEVER, THERE MAY EXIST UNDERGROUND UTILITIES OR BURIED PIPES WHICH WERE NOT LOCATED OR OF WHICH THE SURVEYOR HAS NO KNOWLEDGE. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED BECAUSE THE UNDERGROUND UTILITIES WERE NOT PHYSICALLY LOCATED. ALABAMA LOCATE REQUEST NUMBER 223400834.
4. BEARINGS SHOWN HEREON ARE RELATIVE TO THE ALABAMA STATE PLANE COORDINATE SYSTEM GRID (ALABAMA WEST ZONE) (NAD 83) AND WERE DETERMINED USING GPS OBSERVATION.
5. SURVEY PREPARED FOR: TURNER BATSON ARCHITECTS .
6. THIS SURVEY IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND A LEGIBLE SEAL.
7. TOPOGRAPHIC SURVEY BASED ON LIDAR INFORMATION TAKEN ON 12-21-2022 AND SHOTS TAKEN USING CONVENTIONAL METHODS.
8. CONTOUR ELEVATIONS BASED ON USGS DATUM NAVD88.
9. FLOOD LINES SHOWN ARE BASED ON FEMA FIRM PANEL # 01117C0377E EFFECTIVE DATE MARCH 21, 2019.

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD LENGTH
C1	45.85'(M) 45.87(D)	164.22'	15°59'58"	45.71'(M)(D)
C2	704.71'(M)	1960.08'	20°35'58"	700.92'(M) 700.15'(D)
C3	274.87'(M) 278.87'(D))	2130.99'	7°23'25"	274.68'



LEGEND

- UTILITY POLE
- LIGHT POLE
- FLOOD LIGHT
- GUY WIRE
- ELECTRIC BOX
- FIRE HYDRANT
- WATER VALVE
- WATER METER
- IRRIGATION CONTROL VALVE
- TELEPHONE PEDESTAL
- GAS REGULATOR
- STORM MANHOLE
- GRATE INLET
- SANITARY MANHOLE
- CLEANOUT
- FOM — FIBER OPTIC MARKER
- SIGN
- LP — LIGHT POLE W/ 3 LIGHTS
- LP — LIGHT POLE W/ 3 LIGHTS
- FFE — FINISH FLOOR ELEVATION
- RCP — REINFORCED CONCRETE PIPE
- CMP — CORRUGATED METAL PIPE
- P — OVERHEAD ELECTRIC
- W — WATER LINE
- G — GAS LINE
- S — SANITARY LINE
- x — FENCE
- ASPHALT
- CONCRETE
- GRAVEL

I HEREBY STATE THAT ALL PARTS OF THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAMA TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

SURVEYOR:

RODNEY KEITH CUNNINGHAM
ALABAMA LICENSE NO. 26013

DATE: January 30, 2023

ALABAMA LICENSED No. 26013 PROFESSIONAL LAND SURVEYOR RODNEY KEITH CUNNINGHAM

REVISIONS	DATE

DRAWN BY: JAT
CHECKED BY: RKC
PROJECT No.: TBAT0024
DATE: January 30, 2023
SCALE: 1" = 40'

U:\PROJECTS\TBAT0024 - Alabaster Ampitheater\Survey Pelham\Civil\Dwg\TBAT0024_ALABASTER AMPITHEATER.dwg

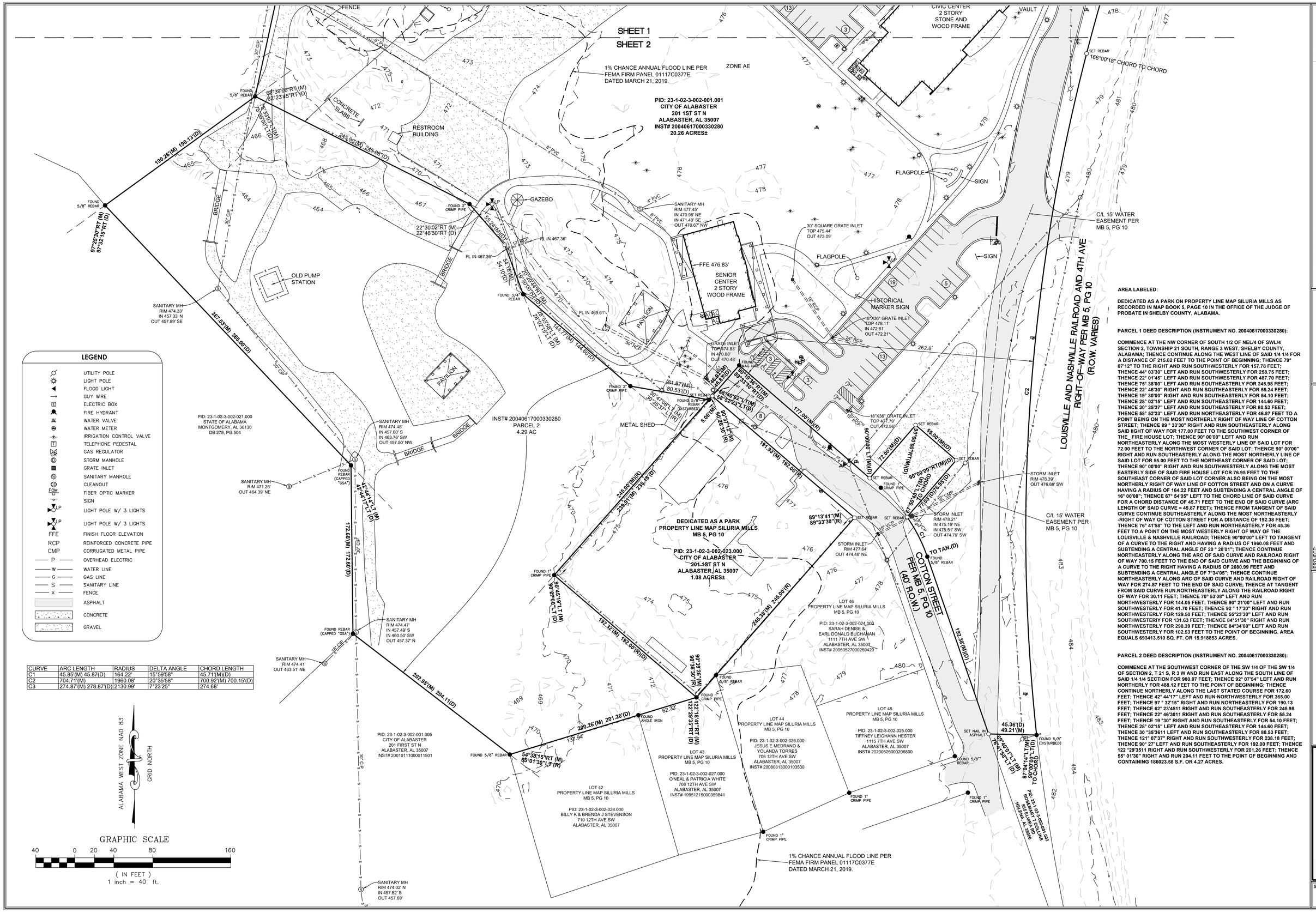
PROJECT: ALABASTER AMPITHEATER

TITLE: BOUNDARY AND TOPOGRAPHICAL SURVEY

EDG
ENGINEERING DESIGN GROUP, LLC
CIVIL ENGINEERING • LAND SURVEYING
(205) 403-9158

120 BISHOP CIRCLE, SUITE 300
PELHAM, AL 35124
TEL - (205) 403-9158
FAX - (205) 403-9175

SHEET NO.
1 OF 2



CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD LENGTH
C1	45.85'(M) 45.87'(D)	164.22'	15°59'58"	45.71'(M)(D)
C2	704.71'(M)	1960.08'	20°35'58"	700.92'(M) 700.15'(D)
C3	274.87'(M) 278.87'(D)	2130.99'	7°23'25"	274.68'

AREA LABELED:

DEDICATED AS A PARK ON PROPERTY LINE MAP SILURIA MILLS AS RECORDED IN MAP BOOK 5, PAGE 10 IN THE OFFICE OF THE JUDGE OF PROBATE IN SHELBY COUNTY, ALABAMA.

PARCEL 1 DEED DESCRIPTION (INSTRUMENT NO. 20040617000330280):

COMMENCE AT THE NW CORNER OF SOUTH 1/2 OF NEL/4 OF SWL/4 SECTION 2, TOWNSHIP 21 SOUTH, RANGE 3 WEST, SHELBY COUNTY, ALABAMA; THENCE CONTINUE ALONG THE WEST LINE OF SAID 1/4 1/4 FOR A DISTANCE OF 215.82 FEET TO THE POINT OF BEGINNING; THENCE 79° 07'12" TO THE RIGHT AND RUN SOUTHWESTERLY FOR 157.78 FEET; THENCE 44° 03'30" LEFT AND RUN SOUTHWESTERLY FOR 258.75 FEET; THENCE 22° 01'45" LEFT AND RUN SOUTHWESTERLY FOR 487.70 FEET; THENCE 75° 38'00" LEFT AND RUN SOUTHEASTERLY FOR 245.98 FEET; THENCE 22° 46'30" RIGHT AND RUN SOUTHEASTERLY FOR 55.24 FEET; THENCE 19° 30'00" RIGHT AND RUN SOUTHEASTERLY FOR 54.10 FEET; THENCE 28° 02'15" LEFT AND RUN SOUTHEASTERLY FOR 144.60 FEET; THENCE 30° 35'37" LEFT AND RUN SOUTHEASTERLY FOR 80.53 FEET; THENCE 58° 52'23" LEFT AND RUN NORTHEASTERLY FOR 46.87 FEET TO A POINT BEING ON THE MOST NORTHERLY RIGHT OF WAY LINE OF COTTON STREET; THENCE 89 ° 33'30" RIGHT AND RUN SOUTHEASTERLY ALONG SAID IIGHT OF WAY FOR 177.00 FEET TO THE SOUTHWEST CORNER OF THE_ FIRE HOUSE LOT; THENCE 90° 00'00" LEFT AND RUN NORTHEASTERLY ALONG THE MOST WESTERLY LINE OF SAID LOT FOR 72.00 FEET TO THE NORTHWEST CORNER OF SAID LOT; THENCE 90° 00'00" RIGHT AND RUN SOUTHEASTERLY ALONG THE MOST NORTHERLY LINE OF SAID LOT FOR 55.00 FEET TO THE NORTHEAST CORNER OF SAID LOT; THENCE 90° 00'00" RIGHT AND RUN SOUTHWESTERLY ALONG THE MOST EASTERLY SIDE OF SAID FIRE HOUSE LOT FOR 76.95 FEET TO THE SOUTHEAST CORNER OF SAID LOT CORNER ALSO BEING ON THE MOST NORTHERLY RIGHT OF WAY LINE OF COTTON STREET AND ON A CURVE HAVING A RADIUS OF 164.22 FEET AND SUBTENDING A CENTRAL ANGLE OF 16° 00'08"; THENCE 67° 54'05" LEFT TO THE CHORD LINE OF SAID CURVE FOR A CHORD DISTANCE OF 45.71 FEET TO THE END OF SAID CURVE (ARC LENGTH OF SAID CURVE = 45.87 FEET); THENCE FROM TANGENT OF SAID CURVE CONTINUE SOUTHEASTERLY ALONG THE MOST NORTHEASTERLY -RIGHT OF WAY OF COTTON STREET FOR A DISTANCE OF 192.38 FEET; THENCE 76° 41'58" TO THE LEFT AND RUN NORTHEASTERLY FOR 45.36 FEET TO A POINT ON THE MOST WESTERLY RIGHT OF WAY OF THE LOUISVILLE & NASHVILLE RAILROAD; THENCE 90°00'00" LEFT TO TANGENT OF A CURVE TO THE RIGHT AND HAVING A RADIUS OF 1960.08 FEET AND SUBTENDING A CENTRAL ANGLE OF 20 ° 28'01"; THENCE CONTINUE NORTHEASTERLY ALONG THE ARC OF SAID CURVE AND RAILROAD RIGHT OF WAY 700.15 FEET TO THE END OF SAID CURVE AND THE BEGINNING OF A CURVE TO THE RIGHT HAVING A RADIUS OF 2060.99 FEET AND SUBTENDING A CENTRAL ANGLE OF 7°34'05"; THENCE CONTINUE NORTHEASTERLY ALONG ARC OF SAID CURVE AND RAILROAD RIGHT OF WAY FOR 274.87 FEET TO THE END OF SAID CURVE; THENCE AT TANGENT FROM SAID CURVE RUN.NORTHEASTERLY ALONG THE RAILROAD RIGHT OF WAY FOR 30.11 FEET; THENCE 70° 53'08" LEFT AND RUN NORTHWESTERLY FOR 144.05 FEET; THENCE 90° 21'00" LEFT AND RUN SOUTHWESTERLY FOR 41.70 FEET; THENCE 92 ° 17'30" RIGHT AND RUN NORTHWESTERLY FOR 129.50 FEET; THENCE 55°23'30" LEFT AND RUN SOUTHWESTERLY FOR 131.63 FEET; THENCE 84°51'30" RIGHT AND RUN NORTHWESTERLY FOR 298.39 FEET; THENCE 84°34'00" LEFT AND RUN SOUTHWESTERLY FOR 102.53 FEET TO THE POINT OF BEGINNING. AREA EQUALS 693413.510 SQ. FT. OR 15.918853 ACRES.

PARCEL 2 DEED DESCRIPTION (INSTRUMENT NO. 20040617000330280):

COMMENCE AT THE SOUTHWEST CORNER OF THE SW 1/4 OF THE SW 1/4 OF SECTION 2, T 21 S, R 3 W AND RUN EAST ALONG THE SOUTH LINE OF SAID 1/4 1/4 SECTION FOR 980.07 FEET; THENCE 92° 07'54" LEFT AND RUN NORTHERLY FOR 488.12 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE NORTHERLY ALONG THE LAST STATED COURSE FOR 172.60 FEET; THENCE 42° 44'17" LEFT AND RUN-NORTHWESTERLY FOR 365.00 FEET; THENCE 97 ° 32'15" RIGHT AND RUN NORTHEASTERLY FOR 190.13 FEET; THENCE 62° 23'4511 RIGHT AND RUN SOUTHEASTERLY FOR 245.98 FEET; THENCE 22° 46'3011 RIGHT AND RUN SOUTHEASTERLY FOR 55.24 FEET; THENCE 19 °30" RIGHT AND RUN SOUTHEASTERLY FOR 54.10 FEET; THENCE 28° 02'15" LEFT AND RUN SOUTHEASTERLY FOR 144.60 FEET; THENCE 30 °35'3611 LEFT AND RUN SOUTHEASTERLY FOR 80.53 FEET; THENCE 121° 07'37" RIGHT AND RUN SOUTHWESTERLY FOR 238.18 FEET; THENCE 90° 27' LEFT AND RUN SOUTHEASTERLY FOR 192.00 FEET; THENCE 122 °29'3511 RIGHT AND RUN SOUTHWESTERLY FOR 201.26 FEET; THENCE 55° 01'30" RIGHT AND RUN 204.11 FEET TO THE POINT OF BEGINNING AND CONTAINING 186023.58 S.F. OR 4.27 ACRES.

REVISIONS	DATE

DRAWN BY: JAT
CHECKED BY: RKC
PROJECT No.: TBAT0024
DATE: January 30, 2023
SCALE: 1" = 40"

PROJECT: ALABASTER AMPITHEATER

TITLE: BOUNDARY AND TOPOGRAPHICAL SURVEY

EDG
ENGINEERING DESIGN GROUP, LLC
CIVIL ENGINEERING • LAND SURVEYING
(205) 403-9158
120 BISHOP CIRCLE, SUITE 300
PELHAM, AL 35124
TEL - (205) 403-9158
FAX - (205) 403-9175

SHEET NO.
2 OF 2

GENERAL NOTES:

1. EDG SHALL NOT HAVE AUTHORITY OVER THE SITE OR BUILDING CONTRACTOR'S WORK OR RESPONSIBILITIES. EDG IS NOT RESPONSIBLE FOR SITE SAFETY PROCEDURES OR METHODS OF CONSTRUCTION.
2. ALL EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND OTHER UTILITIES MAY EXIST. CONTRACTOR MUST HAVE EXISTING UTILITIES LOCATED BY UNDERGROUND LINE LOCATORS AS WELL AS FIELD VERIFIED BY ONSITE PERSONNEL PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO EDG IMMEDIATELY.
3. EXISTING UTILITIES TO REMAIN MAY BE LOCATED WITHIN PROPOSED DEMOLITION AREAS. CONTRACTOR SHALL USE EXTREME CAUTION WHILE WORKING IN THESE AREAS TO ENSURE NO UTILITY SERVICE INTERRUPTIONS TO FACILITIES THAT REMAIN OR TO ADJACENT PROPERTIES.
4. ALL EXISTING IMPROVEMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE REMAIN UNLESS SPECIFICALLY NOTED,"TO BE REMOVED".
5. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ADJACENT PROPERTIES AND IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING IMPROVEMENTS ON OR OFF SITE DUE TO THE CONSTRUCTION OF THIS PROJECT. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL VERIFY SITE BOUNDARY AND EXISTING TOPOGRAPHY. NOTIFY EDG OF ANY DISCREPANCIES PRIOR TO SUBMITTING PRICES OR ORDERING MATERIALS
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL BENCHMARKS AND PROPERTY CORNERS. ANY REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO CONSTRUCT THIS PROJECT AND PAY ALL PERMIT FEES. ALL PERMITS MUST BE IN-HAND PRIOR TO CONSTRUCTION.
9. BOUNDARY AND TOPOGRAPHIC INFORMATION PERFORMED BY ENGINEERING DESIGN GROUP.
10. TOPOGRAPHIC INFORMATION WAS PERFORMED VIA GROUND RUN FORMAT.

SITE DEMOLITION NOTES:

1. CONTRACTOR TO COORDINATE WITH OWNER PRIOR TO ANY DEMOLITION REGARDING ITEMS TO BE SALVAGED, RECYCLED, AND REUSED. CONTRACTOR SHALL REMOVE ITEMS TO BE SALVAGED WITH EXTREME CAUTION TO PREVENT DAMAGE. CONTRACTOR SHALL TURN ALL SALVAGED ITEMS OVER TO OWNER.
2. REFER TO SITE DEMO, GRADING AND UTILITY PLANS FOR PROPOSED UTILITY AND DRAINAGE INSTALLATION AND REMOVAL.
3. REFER TO LAYOUT AND LANDSCAPE PLANS FOR ADDITIONAL INFORMATION RELATING TO PAVING, CURB, SIDEWALKS, HARDSCAPES, ETC. REMOVE EXISTING CURBS AS NEEDED TO INSTALL PROPOSED IMPROVEMENTS.
4. CONTRACTOR SHALL COORDINATE WITH OWNER AND THE UTILITY PROVIDER PRIOR TO THE DISCONNECTING OF ANY UTILITY SERVICE TO THE EXISTING BUILDINGS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, RELOCATION OR PROTECTION OF ALL ABOVE AND BELOW GROUND EXISTING IMPROVEMENTS THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS UNLESS NOTED.
6. ALL DEMOLITION AND CONSTRUCTION DEBRIS SHALL BE TRANSPORTED AND DISPOSED OF AT LEAST WEEKLY IN A LEGAL AND APPROVED MANNER.
7. ALL EXISTING PAVING, CURBS, HARDSCAPE, ETC. SHALL BE SAW CUT AT THE LIMITS OF REMOVAL IN ORDER TO PROVIDE A CLEAN EDGE. EXISTING PAVING AT EDGE SHALL BE MILLED BACK A MINIMUM OF 8" TO ENSURE SMOOTH TRANSITION.

LAYOUT NOTES:

1. ALL ADA RAMPS, SIGNS, SYMBOLS, AND PAINTED ISLANDS AND ACCESS ROUTES MUST CONFORM TO THE LATEST ADA REQUIREMENTS.
2. THE MAXIMUM SLOPE IN ADA PARKING AREAS SHALL NOT EXCEED 2.0% GRADE IN ANY DIRECTION. SLOPE IN THE DIRECTION OF TRAVEL IN ALL ACCESSIBLE HANDICAP ACCESS ROUTES SHALL NOT EXCEED 5.0% GRADE AND 2.0% CROSS SLOPE.
3. ALL DIMENSIONS AND COORDINATES SHOWN ARE TO THE OUTSIDE FACE OF BUILDING TO THE BACK OF CURB, OR TO THE EDGE OF SURFACING UNLESS OTHERWISE NOTED. REFER TO ARCHITECTURAL PLANS FOR SPECIFIC BUILDING INFORMATION.
4. ALL STRIPING TO BE PER THE LATEST EDITION OF THE MUTCD UNLESS NOTED OTHERWISE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SITE CONSTRUCTION TRAFFIC CONTROL PLAN AND OBTAINING ANY REQUIRED APPROVALS FROM THE LOCAL JURISDICTIONAL AUTHORITY. THE SITE CONSTRUCTION TRAFFIC CONTROL PLAN SHALL TAKE INTO ACCOUNT THE ENTERING AND EXITING OF CONSTRUCTION TRAFFIC ONTO THE ROADWAY AND THE IMPACT TO THE FLOW OF TRAFFIC. THIS PLAN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD. THIS SITE CONSTRUCTION TRAFFIC CONTROL PLAN SHALL BE IN ADDITION TO ANY TRAFFIC CONTROL PLAN PROVIDED IN THE PLAN SET FOR ROADWAY IMPROVEMENTS.
6. CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ELEVATIONS OF ALL AT-GRADE STRUCTURES AND UTILITIES TO REMAIN (VALVE BOXES, MANHOLES, INLETS, VAULTS, ETC) TO MATCH PROPOSED FINISHED GRADES.

GRADING NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPACTION TESTING.
2. ALL TOPSOIL SHALL BE STRIPPED WITHIN THE PROPOSED LIMITS OF GRADING AND SHALL BE STOCKPILED ON-SITE IN AN APPROVED LOCATION FOR LATER USE WITH ANY EXCESS TO BE DISPOSED OF OFF-SITE ONCE ALL LANDSCAPED AREAS HAVE BEEN BROUGHT TO FINISH GRADE UNLESS OTHERWISE NOTED ON THE PLANS.
3. SUBGRADE SHALL BE PROOF ROLLED WITH A FULLY LOADED DUMP TRUCK AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING FILL. ANY AREAS SHOWING SIGNS OF PUMPING, RUTTING, OR ANY UNSUITABLE (ORGANIC, SOFT, WET, LOOSE) MATERIAL FOUND IN PLACE SHALL BE UNDERCUT AND REPLACED, OR MOISTURE CONDITIONED AND COMPACTED TO THE SPECIFIED DENSITY AND MOISTURE CONTENT LISTED BELOW.
4. ALL EXPOSED SUBGRADE SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 12" AND RECOMPACTED TO THE SPECIFIED DENSITY AND MOISTURE CONTENT LISTED BELOW.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING THE SUBGRADE AFTER IT HAS BEEN INITIALLY PREPPED DUE TO INCLEMENT WEATHER AND CONSTRUCTION TRAFFIC.
6. FILL MATERIAL SHALL HAVE THE FOLLOWING PROPERTIES: VIRTUALLY FREE OF ORGANICS, NO ROCK FRAGMENTS GREATER THAN 4" WITHIN 4' OF FINISH GRADE, LIQUID LIMIT NOT EXCEEDING 50, PLASTICITY INDEX NOT EXCEEDING 30, MINIMUM STANDARD PROCTOR (ASTM D-698) OF 100 PCF, COMPACTED 98% IN PAVED AND STRUCTURAL AREAS, 95% NON-STRUCTURAL AND LANDSCAPED AREAS, PLACED IN 8" LOOSE LIFTS, AND WITHIN ±2.0% OF OPTIMUM MOISTURE CONTENT. STRUCTURAL AREAS INCLUDE ZONES OF INFLUENCE AROUND THE BUILDING, PAVEMENT AREAS, FILL SLOPES, ETC.
7. COMPACTION TESTS SHALL BE TAKEN AT THE RECOMMENDATION OF THE ON-SITE GEOTECHNICAL ENGINEER , BUT AT A MINIMUM EVERY 2,500 SQUARE FEET OF AREA PER 8" LIFT.
8. COMPACTION WITHIN LIMITED SPACES (I.E. MANHOLES, INLETS, UTILITY TRENCHES) SHOULD BE BACKFILLED AND COMPACTED SYSTEMATICALLY, AT THE DIRECTION OF THE ON-SITE GEOTECHNICAL ENGINEER. STONE BACKFILL SHALL BE INSTALLED IN 12" LOOSE LIFTS AND COMPACTED WITH 6-8 PASSES OF A VIBRATORY COMPACTOR
9. CLEARING LIMITS SHALL BE 5' OUTSIDE OF ALL PROPOSED GRADED AREAS OR NOT BEYOND THE PROPERTY LINES WHICHEVER IS LESS.
10. NO GRADING OFF-SITE OR IN ANY ROAD RIGHT-OF-WAY WITHOUT PROPER APPROVALS AND PRIOR NOTIFICATION.
11. COORDINATE THE SEQUENCING OF ALL GRADING OPERATIONS WITH THE EROSION CONTROL PLAN.
12. THE MAXIMUM SLOPE IN HANDICAP PARKING AREAS SHALL NOT EXCEED 2.0% GRADE IN ANY DIRECTION. SLOPE IN THE DIRECTION OF TRAVEL IN ALL HANDICAP ACCESS ROUTES SHALL NOT EXCEED 5.0% GRADE AND 2.0% CROSS SLOPE.
13. ALL GRADING ADJACENT TO EXISTING OR PROPOSED BUILDINGS SHALL BE SLOPED AWAY FROM THE STRUCTURES AT A MINIMUM OF 1.0% GRADE. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM THE STRUCTURES. NOTIFY EDG OF ANY DISCREPANCIES.
14. PROPOSED GRADES INDICATED ON THIS PLAN ARE TO FINISH GRADE. THE CONTRACTOR SHALL MAKE SUBGRADE ADJUSTMENTS FOR TOPSOIL, PAVING, BUILDING PAD, ETC.
15. ALL PROPOSED STORM INLETS (GRATES, CURB, YARD, AREA DRAINS) SHALL BE LOCATED AT THE LOWPOINTS. GRADING SHALL BE TO DIRECT RUNOFF TO THESE INLETS. NOTIFY EDG OF ANY DISCREPANCIES.
16. STORM DRAINAGE SYSTEMS SHALL BE CONSTRUCTED FROM DOWNSTREAM TO UPSTREAM. VERIFY ALL PIPE SLOPES, INVERTS, AND POINTS OF CONNECTION PRIOR TO CONSTRUCTION. NOTIFY EDG OF ANY DISCREPANCIES.
17. FILL SLOPES SHOULD BE BENCHED INTO THE EXISTING SLOPES AND SHOULD BE COORDINATED WITH THE ONSITE GEOTECHNICAL ENGINEER FOR BENCH DETAILS (HEIGHT AND DEPTH OF BENCH INTO THE SLOPE.)
18. NO GEOTECHNICAL REPORT IS AVAILABLE FOR THIS PROJECT. THE CONTRACTOR SHALL VISIT THE SITE AND COMPLETE ANY EXPLORATIONS THAT IT FEELS NECESSARY IN ORDER TO PROVIDE A SATISFACTORY BID.
19. UNSUITABLE MATERIAL REFERS TO MATERIAL THAT IS NOT SUITABLE FOR BUILDING OR PAVEMENT SUPPORT FOR REASONS ASSOCIATED WITH MATERIAL PROPERTIES, SUCH AS HIGHLY PLASTIC SOILS, "FAT" CLAYS, ORGANICS, AND OLD FILL. MATERIAL WHICH IS OTHERWISE SUITABLE, BUT ABOVE THE OPTIMUM MOISTURE AND REQUIRES MOISTURE CONDITIONING PRIOR TO USE AS ENGINEERED FILL SHALL NOT BE CONSIDERED AS "UNSUITABLE". NOTE THE UNIT PRICES ARE BEING PROVIDED FOR THE ADDITION TO AND DELETION FROM THE CONTRACT BASE BID AS REQUIRED BY CHANGING FIELD CONDITIONS DURING CONSTRUCTION.
20. DEWATERING SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. PREVENT SURFACE WATER AND GROUND WATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUBGRADES, AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA. PROTECT SUBGRADES FROM SOFTENING, UNDERMINING, WASHOUT, AND DAMAGE BY RAIN OR WATER ACCUMULATION. REROUTE SURFACE WATER RUNOFF AWAY FROM EXCAVATED AREAS. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS. DO NOT USE EXCAVATED TRENCHES AS TEMPORARY DRAINAGE DITCHES. INSTALL A DEWATERING SYSTEM TO KEEP SUBGRADES DRY AND CONVEY GROUND WATER AWAY FROM EXCAVATIONS. MAINTAIN UNTIL DEWATERING IS NO LONGER REQUIRED. IF GROUNDWATER DEWATERING IS REQUIRED, CONTRACTOR IS TO OBTAIN ANY PERMITS AS MAY BE REQUIRED PRIOR TO DISCHARGE OF EFFLUENT FROM DEWATERING.
21. WHERE ROCK IS ENCOUNTERED WITHIN 18" OF THE PAVING SUBGRADE AND 36" OF THE BUILDING SUBGRADE, THE "CUT LINE" SHALL BE PER THE SPECIFICATIONS. SEE THE SPECIFICATIONS FOR "CUT LINE" DIMENSIONS BELOW BUILDING PADS AND PARKING AREAS. SUITABLE MATERIAL SHALL BE REPLACED TO THE PROPOSED SUBGRADE ELEVATION.
22. GRADING ADJACENT TO THE BUILDING SHALL BE COORDINATED WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR FOUNDATION WALLS, STEM WALLS, DRAINS, AND OTHER CONDITIONS. THE CONTRACTOR SHALL NOTIFY EDG OF ANY DISCREPANCIES.

STORM DRAINAGE NOTES:

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL STORM PIPE MATERIALS TO EDG PRIOR TO INSTALLATION AND/OR FABRICATION.
2. ALL PROPOSED STORM INLETS (GRATES, CURB, YARD, AREA DRAINS) ARE TO BE LOCATED AT THE LOWPOINTS. GRADING SHALL BE TO DIRECT RUNOFF TO THESE INLETS. NOTIFY EDG OF ANY DISCREPANCIES.
3. STORM DRAINAGE SYSTEMS SHALL BE CONSTRUCTED FROM DOWNSTREAM TO UPSTREAM. VERIFY ALL PIPE SLOPES, INVERTS, AND POINTS OF CONNECTION PRIOR TO CONSTRUCTION. NOTIFY EDG OF ANY DISCREPANCIES.
4. THE CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED STORM PIPE GRADES AND POINTS OF CONNECTION PRIOR TO INSTALLATION. EDG SHALL BE NOTIFIED OF ANY DEVIATIONS PRIOR TO CONSTRUCTION.
5. PROPOSED STORM PIPES 30" AND LESS SHALL BE BEDDED IN 4" OF CRUSHED AGGREGATE AND STORM PIPES 36" AND GREATER SHALL BE BEDDED IN A 6" OF CRUSHED AGGREGATE.
6. ALL RIP RAP SHALL BE CLASS 2 PER THE ALABAMA DEPT. OF TRANSPORTATION (ALDOT) STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED.
7. ALL STORM PIPES 15" AND LESS SHALL BE SMOOTH LINED HIGH DENSITY POLYETHYLENE (HDPE) OR SCHEDULE 40 POLYVINYL CHLORIDE (PVC) WITH WATER-TIGHT JOINTS UNLESS OTHERWISE NOTED, INSTALLED PER MANUFACTURERS RECOMMENDATIONS. ALL STORM PIPES 18" AND GREATER SHALL BE CLASS 3 REINFORCED CONCRETE PIPE (RCP) BELL AND SPIGOT INSTALLED WITH WATERTIGHT JOINTS UNLESS OTHERWISE NOTED.
8. ALL SINGLE AND DOUBLE WING CURB INLETS SHALL BE PER ALDOT SPECIAL DRAWING # I-621-S, TYPE S3 FOR 15" TO 30" STORM PIPES AND TYPE S4 FOR 36" TO 54" STORM PIPES.
9. CONTRACTOR SHALL PROVIDE CAST IRON DOWNSPOUT BOOTS, CLEANOUTS AND COLLECTOR LINES FROM ALL EXTERIOR DOWNSPOUTS TO CONNECT TO PRIMARY STORM DRAINAGE SYSTEM. COORDINATE WITH EXTERIOR ELEVATIONS, ROOF AND PLUMBING PLANS FOR DOWNSPOUT LOCATIONS. COORDINATE DOWNSPOUT MODEL NUMBER WITH THE ARCHITECT.
10. CONTRACTOR SHALL COORDINATE ROOF DRAIN COLLECTOR LINES, DOWNSPOUTS AND BOOTS WITH FOOTING ELEVATIONS ON THE STRUCTURAL PLANS PRIOR TO POURING FOOTINGS. TOP OF FOOTINGS SHALL BE A MINIMUM OF 3' BELOW GRADE AT ALL ROOF DRAIN DOWNSPOUT LOCATIONS TO ENSURE ADEQUATE COVER TO TRANSITION TO BELOW GRADE PIPING.

EROSION CONTROL NOTES:

1. SITE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS, CODES, AND REGULATIONS.
2. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING A "NOTICE OF INTENT"(NOI) FROM ADEM SWMA PERMIT THE OWNER SHALL BE RESPONSIBLE FOR ALL MONITORING, INSPECTIONS, ETC. TO ENSURE THE OWNER THAT THE SITE IS AT ALL TIMES IN ACCORDANCE WITH ADEM RULES & REGULATIONS. DOCUMENTATION OF INSPECTIONS BY A Q.C.I. OR Q.C.P. SHALL BE MAINTAINED BY THE CONTRACTOR AND PROVIDED TO THE OWNER AT HIS/HER REQUEST. ANY AND ALL FEES, FINES, ETC., SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING THE CONSTRUCTION PROCESS AND UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL EROSION CONTROL INSTALLATION AND MAINTENANCE SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
4. EROSION CONTROL DEVICES SHOWN ON THESE PLANS ARE A MINIMUM AND ARE DEPENDENT ON THE CONTRACTOR'S CONSTRUCTION PHASING OF THE PROJECT. ADDITIONAL DEVICES SHALL BE INSTALLED AS REQUIRED TO PREVENT SILTATION, EROSION AND OTHER DEGRADATION OR POLLUTION TO THE SITE OR ADJACENT PROPERTIES, STREAMS, DITCHES, AND PUBLIC ROADWAYS. ADDITIONAL MEASURES MAY INCLUDE, AS MINIMUM, TEMPORARY SEDIMENT BASINS, CONSTRUCTION EXITS PAD, VEHICLE WASH RACKS, SILT FENCING, STRAW AND RIP RAP CHECK DAMS, DIVERSION DITCHES, ETC. THESE ADDITIONAL MEASURES SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
5. EROSION CONTROL DEVICES SHALL INCLUDE, BUT NOT LIMITED, TO THE FOLLOWING DEVICES: SILT FENCING, BRUSH BERMS, SEDIMENT BASINS, DETENTION PONDS, STRAW WATTLES , CHECK DAMS, FILTER BERMS, JUTE MATTING, VEGETATIVE FILTER STRIPS, TURF REINFORCEMENT MAT, DIVERSION BERMS, ETC.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL DEVICES IN GOOD OPERATING CONDITION DURING ALL LAND DISTURBING ACTIVITIES. THIS RESPONSIBILITY SHALL INCLUDE THE CLEANUP AND/OR REPAIRS TO THE DEVICES AT NO ADDITIONAL COST TO THE OWNER.
7. EROSION CONTROL DEVICES SHALL BE MONITORED AND MAINTAINED UNTIL THE SITE HAS BEEN PERMANENTLY STABILIZED AND AFTER EACH RAINFALL GREATER THAN 0.75 INCHES IN A 24 HOUR PERIOD, ANY WIND GUSTS GREATER THAN 25 MPH, AND ANY SUSTAINED WINDS GREATER THAN 20 MPH IN A 24 HOUR PERIOD.
8. AFTER ALL LAND DISTURBANCE ACTIVITIES HAVE CEASED AND AFTER ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED, THE EROSION CONTROL DEVICES SHALL BE REMOVED BY THE CONTRACTOR AND THE AREA CLEANED AND DRESSED.
9. DEWATERING OPERATIONS MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE OR POLLUTION TO ADJACENT PROPERTIES, STREAMS, DITCHES, OR PUBLIC ROADWAYS.
10. A GRAVELED ACCESS DRIVE OF SUFFICIENT SIZE SHALL BE AT EACH SITE ENTRANCE/EXIT TO PREVENT TRACKING OF DIRT AND SEDIMENT ONTO PUBLIC OR PRIVATE ROADWAYS. IF SEDIMENT REACHES THE ROADWAY, THEN IT MUST BE CLEANED AT THE END OF EACH WORKDAY.
11. ALL LAND DISTURBANCE ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE TO MINIMIZE THE EXPOSURE OF BARE AREAS AT ANY ONE TIME.
12. ALL DISTURBED AREAS LEFT INACTIVE FOR MORE THAN 13 DAYS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH ALDOT SPECIFICATIONS SECTION 652 AND 656.
13. ALL PREVIOUSLY GRADED AREAS SHALL RECEIVE 4 INCHES OF TOPSOIL AND PERMANENT GRASSING UNLESS OTHERWISE INDICATED ON THE LANDSCAPE PLAN.
14. PRIOR TO SITE CLEARING, ALL PERIMETER SILT FENCING, BRUSH BERMS, ETC. AND GRAVELED ACCESS DRIVES SHALL BE INSTALLED.
15. ALL EXISTING STREAMS, DITCHES, ETC. SHALL BE PROTECTED FROM SEDIMENTS AND SILTS BY SILT FENCING, WATTLES, BRUSH BERMS, ETC.
16. WATTLES OR SILT FENCING SHALL BE INSTALLED AT ALL INLETS UPON THE COMPLETION OF EACH INLET AS INSTALLED.
17. RIP RAP SHALL BE PLACED AT EACH HEADWALL IMMEDIATELY FOLLOWING CONSTRUCTION OF EACH HEADWALL.
18. GEOTEXTILE SHALL BE PLACED ON ALL 3:1 SIDE SLOPES. GEOTEXTILE SHALL BE NORTH AMERICAN GREEN SC150 OR APPROVED EQUAL UNLESS OTHERWISE NOTED ON PLANS. ALL GEOTEXTILES SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
19. GEOTEXTILE SHALL BE PLACED ON ALL DITCH BOTTOMS & 1' UP EACH SIDE. GEOTEXTILE SHALL BE NORTH AMERICAN GREEN SC150 OR APPROVED EQUAL UNLESS OTHERWISE NOTED ON PLANS. ALL GEOTEXTILES SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.

UTILITY NOTES:

1. CONTRACTOR TO COORDINATE WITH OWNER PRIOR TO ANY DEMOLITION REGARDING ITEMS TO BE SALVAGED, RECYCLED, AND REUSED. CONTRACTOR SHALL REMOVE ITEMS TO BE SALVAGED WITH EXTREME CAUTION TO PREVENT DAMAGE. CONTRACTOR SHALL TURN ALL SALVAGED ITEMS OVER TO OWNER.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL UTILITY SERVICES (WATER, SEWER, GAS, ELECTRICAL, TELEPHONE, CABLE TV) FROM THE POINT THE RESPECTIVE UTILITY COMPANY COMPLETES THEIR WORK TO THE POINT OF CONNECTION AT THE BUILDING.
3. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, ETC. PLANS FOR ALL PROPOSED UTILITY POINTS OF CONNECTION AT THE BUILDING. NOTIFY EDG OF ANY DISCREPANCIES.
4. GRAVITY SEWER SYSTEMS SHALL BE CONSTRUCTED FROM DOWNSTREAM TO UPSTREAM. VERIFY ALL PIPE SLOPES, INVERTS, AND POINTS OF CONNECTION PRIOR TO CONSTRUCTION. NOTIFY EDG OF ANY DISCREPANCIES.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED GRAVITY SEWER PIPE GRADES AND POINTS OF CONNECTION PRIOR TO INSTALLATION. EDG SHALL BE NOTIFIED OF ANY DEVIATIONS PRIOR TO CONSTRUCTION.
6. BACKFLOW PREVENTION AND METERING SHALL BE PROVIDED ON THE FIRE, DOMESTIC, AND IRRIGATION SERVICES IN ACCORDANCE WITH THE LOCAL UTILITY COMPANY AND FIRE DEPARTMENT'S REQUIREMENTS. BACKFLOW PREVENTION FOR THE DOMESTIC AND IRRIGATION SYSTEMS SHALL BE ATMOSPHERIC-TYPE VACUUM BREAKER, REDUCED PRESSURE PRINCIPAL (RPZ), OR PRESSURE-TYPE VACUUM BREAKER INSTALLED IN ABOVE GROUND BOXES. THE FIRE SERVICE SHALL HAVE A REDUCED PRESSURE PRINCIPAL (RPZ) IN AN ABOVE GROUND BOX OR DOUBLE DETECTOR CHECK VALVES IN A BELOW GRADE BOX.
7. WATER MAINS 4 INCHES IN DIAMETER AND GREATER SHALL BE DIP(CL.350) OR PVC C900(CL.200 DR-14) AND WATER MAINS LESS THAN 3 INCHES IN DIAMETER SHALL BE TYPE "K" COPPER OR PVC (SCHD.40) UNLESS OTHERWISE INDICATED ON THE PLANS.
8. WATER MAINS AND SERVICES SHALL BE A MINIMUM OF 10 FEET HORIZONTAL AND 2 FEET VERTICAL FROM ALL SANITARY SEWER MAINS AND LATERALS.
9. WATER MAINS AND SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL UTILITY COMPANY'S REQUIREMENTS. ALL MAINS AND SERVICES SHALL BE INSTALLED WITH A MINIMUM OF 36" COVER UNLESS OTHERWISE INDICATED ON PLANS.
10. ALL SANITARY SEWER MAINS AND LATERALS SHALL BE C-900 OR PVC SDR-26 UNLESS OTHERWISE REQUIRED BY THE LOCAL UTILITY COMPANY.
11. ALL UNDERGROUND ELECTRICAL, TELEPHONE, AND CABLE TV SHALL BE INSTALLED IN PVC CONDUIT OR CONCRETE ENCASED DUCT BANK WITH PULL WIRE MEETING THE LOCAL UTILITY COMPANY'S REQUIREMENTS. INFORMATION SHOWN ON CIVIL DRAWINGS FOR REFERENCE ONLY. REFER TO ELECTRICAL PLANS FOR SPECIFIC INFORMATION.
12. GAS SERVICE SHALL BE PER THE LOCAL UTILITY COMPANY'S REQUIREMENTS. INFORMATION SHOWN ON CIVIL DRAWINGS FOR REFERENCE ONLY. COORDINATE WITH MECHANICAL ENGINEER AND UTILITY COMPANY.
13. UTILITY TRENCHES SHALL BE BACKFILLED WITH COMPACTED FILL PLACED IN 6 INCH LOOSE LIFTS. FILL SHALL BE COMPACTED TO 98% STANDARD PROCTOR AND OPTIMUM MOISTURE CONTENT WITHIN ±2.0%.
14. WHEN INSTALLING UTILITIES IN EXISTING PAVED AREAS OR IN AREAS WHERE SOILS ARE CONSIDERED UNSUITABLE FOR BEDDING OR BACKFILLING, UTILITY TRENCHES SHALL BE BACKFILLED FULL DEPTH WITH CRUSHED AGGREGATE.
15. WHERE UTILITIES ARE TO BE INSTALLED IN AREAS OF EXISTING PAVING, HARDSCAPE, SIDEWALKS, ETC. CONTRACTOR SHALL SAWCUT AND REMOVE EXISTING PAVING, HARDSCAPE, SIDEWALK ETC. AND REPLACE IN LIKE KIND AND RESTRIPE AS NECESSARY. BACKFILL TRENCH FULL DEPTH WITH STONE.
16. CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ELEVATIONS OF ALL AT-GRADE STRUCTURES AND UTILITIES TO REMAIN (VALVE BOXES, MANHOLES, INLETS, VAULTS, ETC) TO MATCH PROPOSED FINISHED GRADES.
17. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TAMPER SWITCHES AND ASSOCIATED CONDUIT, WIRING, ETC ON FIRE SERVICE POST INDICATOR VALVES AND VALVES IN PIT MOUNTED FIRE BACKFLOW PREVENTOR ASSEMBLIES. COORDINATE WITH FIRE PROTECTION AND ELECTRICAL PLANS.
18. PROVIDE 4" PVC SCHEDULE 40 GRAVITY DRAIN LINE FROM ALL BELOW GRADE UTILITY VAULTS TO THE NEAREST STORM DRAINAGE INLET OR DAYLIGHT AT GRADE.

TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE LATEST EDITION AND REVISION OF PART VI OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE APPROVED TRAFFIC CONTROL PLAN FOR ALL CONSTRUCTION WITHIN WORK AREAS SHOWN AD DESCRIBED IN PART VI OF THE MUTCD.
2. PERMANENT ROADWAY SIGNS OR TEMPORARY CONSTRUCTION WHICH ARE NOT APPLICABLE OR INAPPROPRIATE FOR THE CURRENT CONDITIONS SHALL BE COVERED OR REMOVED.
3. THE DIMENSIONS SHOWN OR DESCRIBED FOR LOCATING CONSTRUCTION SIGNS ARE NOMINAL. THE ACTUAL DIMENSIONS SHALL BE ADJUSTED TO BEST FIT LOCAL CONDITIONS AND PROVIDE MAXIMUM VISIBILITY.
4. IF TRAFFIC CONTROL DEVICES ARE NECESSARY FOR PROPER WARNING AND TRAFFIC CONTROL AFTER SUNSET, THEN AS A MINIMUM , TYPE "B" WARNING LIGHTS SHALL BE PLACED ON THE FIRST WARNING SIGN AND CHANNELING DRUM AND TYPE "A"REFLECTIVE SHEETING SHALL BE REQUIRED ON ALL SIGNS.
5. HAZARDOUS CONDITIONS ON OPEN ROADWAYS SUCH AS PAVEMENT DROP-OFFS IN EXCESS OF 2"; CONSTRUCTION MATERIALS, VEHICLES, OR EQUIPMENT, STORED OR PLACED WITHIN THE ROADWAY RIGHT-OF-WAY; AND OPEN TRENCHES ACROSS OR NEAR THE ROADWAY SHALL NOT BE ALLOWED UNLESS THE CONTRACTOR IS ON SITE AND WORKING, AND PROPER TRAFFIC CONTROL MEASURES ARE BEING TAKEN.
6. THE CONTRACTOR SHALL KEEP OPEN ROADWAYS CLEAN AND FREE OF CONSTRUCTION DEBRIS, DIRT, LOOSE GRAVEL OR OTHER MATERIALS THAT MAY CAUSE HAZARDOUS DRIVING CONDITIONS.
7. TRAFFIC CONTROL DEVICES SHALL MEET THE STANDARD MATERIAL AND INSTALLATION REQUIREMENTS SPECIFIED IN THE CURRENT EDITION OF THE AL.D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
8. ROADWAYS AND DRIVEWAYS SHALL REMAIN OPEN DURING CONSTRUCTION. CHANNELIZING DEVICES SHALL BE PLACED AT 10' ON CENTER ALONG MINIMUM 20' RADII TO CHANNELIZING TRAFFIC INTO AND OUT OF INTERSECTION ROAD AND DRIVES WITHIN AREAS WHERE CHANNELIZING DEVICES ARE REQUIRED.TEMPORARY REGULATORY SIGNS SUCH AS STOP SIGNS AND YIELD SIGNS SHALL BE PLACED AS NECESSARY FOR PROPER TRAFFIC CONTROL IN ACCORDANCE WITH THE MUTCD.

CAUTION NOTICE TO CONTRACTOR:

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON MARKINGS AND/OR RECORDS BY OTHERS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL ALABAMA 811 AS REQUIRED BY LAW TO HAVE PUBLIC UTILITIES MARKED. THE CONTRACTOR SHALL ALSO NOTIFY ANY OTHER APPROPRIATE UTILITY COMPANIES THAT MAY HAVE UTILITIES WITHIN THE CONSTRUCTION LIMITS AT LEAST 48 HOURS BEFORE ANY SITE DISTURBANCE OR EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

EDG
ENGINEERING DESIGN GROUP

PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158

FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27902 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

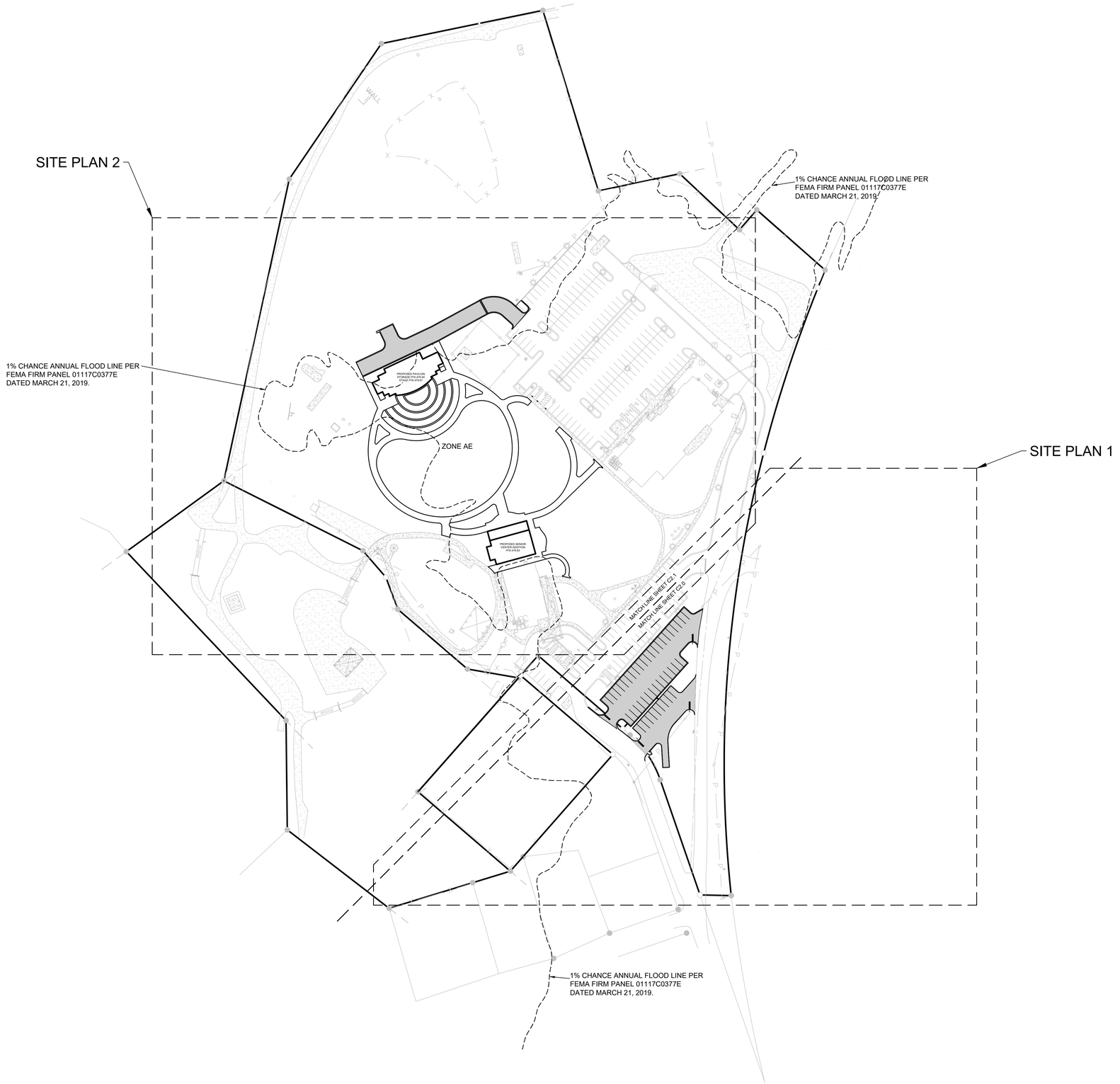
SHEET TITLE: GENERAL NOTES

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C0.1

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON



GRAPHIC SCALE

80 0 40 80 160

(IN FEET)
1 inch =80 ft.

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27902 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: OVERALL SITE PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C0.2

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C2.0-SITE PLAN.DWG

DEMOLITION LEGEND

- ASPHALT TO BE REMOVED
- ITEM TO BE REMOVED
- ITEM TO BE REMOVED

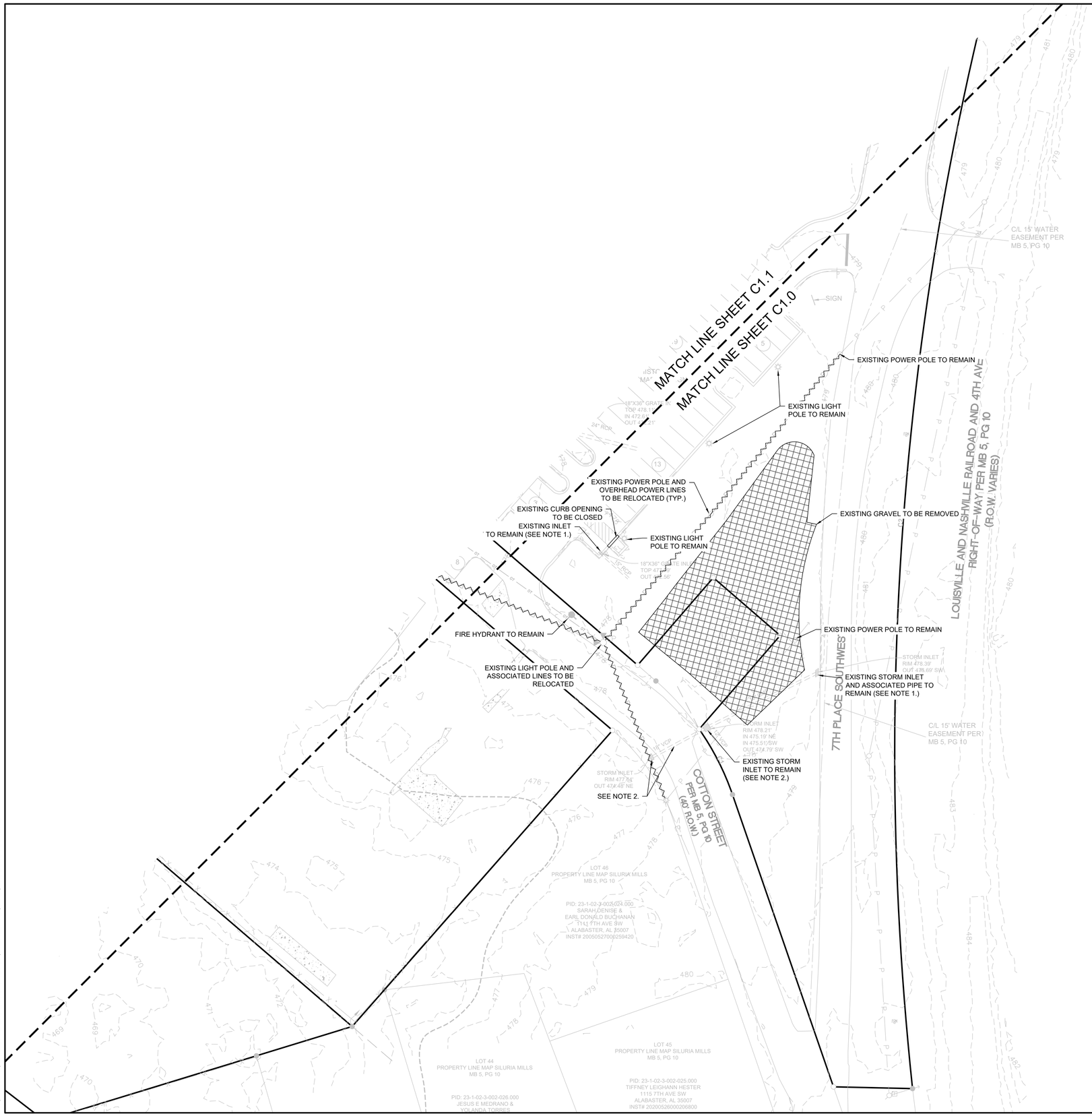
EDG
ENGINEERING DESIGN GROUP

PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158

FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

NOTE:
1. SEE SHEET C0.1 FOR DEMOLITION NOTES.
2. ALL EROSION CONTROL BMPs TO BE INSTALLED PRIOR TO START OF DEMOLITION



GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 inch =30 ft.

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27902 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: SOUTH PARKING LOT DEMO PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C1.0

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C1.0-DEMO PLAN.DWG

DEMOLITION LEGEND

- ASPHALT TO BE REMOVED
- ITEM TO BE REMOVED
- ITEM TO BE REMOVED

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

NOTE:
1. SEE SHEET C0.1 FOR DEMOLITION NOTES.
2. ALL EROSION CONTROL BMPs TO BE INSTALLED PRIOR TO START OF DEMOLITION

EXISTING ELECTRICAL TRANSFORMER PAD TO REMAIN
EXISTING PARKING AREA TO REMAIN
EXISTING LIGHT POLE TO BE RELOCATED
EXISTING PAVEMENT & CURB TO BE SAW-CUT AND REMOVED TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED CONDITIONS
EXISTING FENCE & POSTS TO REMAIN
NO DISTURBANCE WITHIN FENCED AREA
EXISTING CONCRETE TO REMAIN
CONCRETE PAD TO REMAIN
EXISTING CONCRETE TO REMAIN
WATER METER AND VALVES TO REMAIN
EXISTING ADA SIGNS TO BE RELOCATED
EXISTING PARKING AREA TO REMAIN
EXISTING FENCE TO BE REMOVED
EXISTING SEWER LINE TO REMAIN
EXISTING GRAVEL TO BE REMOVED
EXISTING CONCRETE SLABS TO BE REMOVED
CONCRETE SIDEWALK TO REMAIN
EXISTING SEWER LINE TO REMAIN
EXISTING LIGHT POLES TO BE REMAIN
RESTROOM FACILITY TO REMAIN
CONCRETE SIDEWALK TO REMAIN
FLAGPOLE AND SIGN TO REMAIN
EXISTING SANITARY SEWER MANHOLE TO REMAIN
CONCRETE SIDEWALK TO REMAIN
EXISTING HYDRANT TO REMAIN
EXISTING LIGHT POLES TO REMAIN
EXISTING INLET TO REMAIN
EXISTING FLAGPOLE TO REMAIN
EXISTING HISTORICAL MARKER TO REMAIN
EXISTING LIGHT POLE TO REMAIN
CONCRETE SIDEWALK TO REMAIN

MATCH LINE SHEET C1.1
MATCH LINE SHEET C1.0

GRAPHIC SCALE
(IN FEET)
1 inch =30 ft.

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27002 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: AMPHITHEATER DEMO PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C1.1

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWGS\C1.0-DEMO PLAN.DWG

SITE DATA TABLE

PARCEL NUMBER:	23-1-02-3-002-023.000
SITE AREA (DISTURBED):	±0.55 AC
CURRENT ZONING:	I (INSTITUTION DISTRICT)
SETBACK	
FRONT:	25'
REAR:	20' (15' IF ADJOINING PROPERTY IS ZONED BUSINESS)
SIDE:	15' (10' IF ADJOINING PROPERTY IS ZONED BUSINESS)
PROPOSED BUILDINGS:	2
PROP. PARKING SPACES:	47

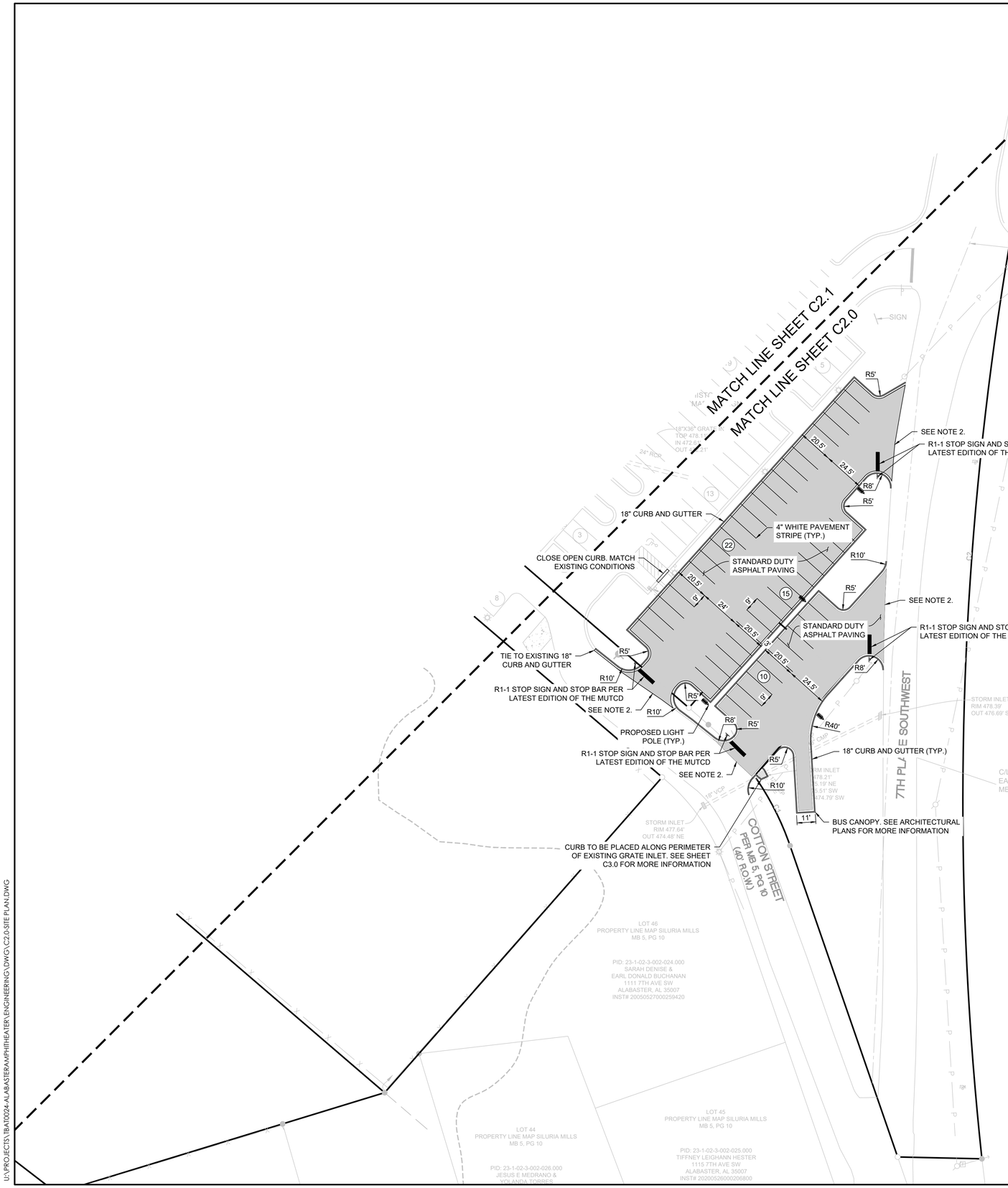
SITE LAYOUT LEGEND

- STANDARD DUTY ASPHALT PAVEMENT (SEE DETAIL)
- HEAVY DUTY ASPHALT PAVEMENT (SEE DETAIL)
- CONCRETE SIDEWALK (SEE DETAIL)
- CONCRETE PAVING (SEE DETAIL)
- (10) PARKING STALL COUNT

NOTE:
1. SEE SHEET C0.1 FOR GENERAL SITE NOTES.
2. CONTRACTOR TO SAW-CUT WHERE NECESSARY TO PROVIDE A SMOOTH TRANSITION BETWEEN PROPOSED AND EXISTING CONDITIONS.
3. CONTRACTOR SHALL COORDINATE WITH PROJECT MEP FOR EXACT LOCATION OF LIGHT POLES AND APPURTENANCE

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON



GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 inch =30 ft.

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27904 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: SOUTH PARKING LOT SITE PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C2.0

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C2.0-SITE PLAN.DWG

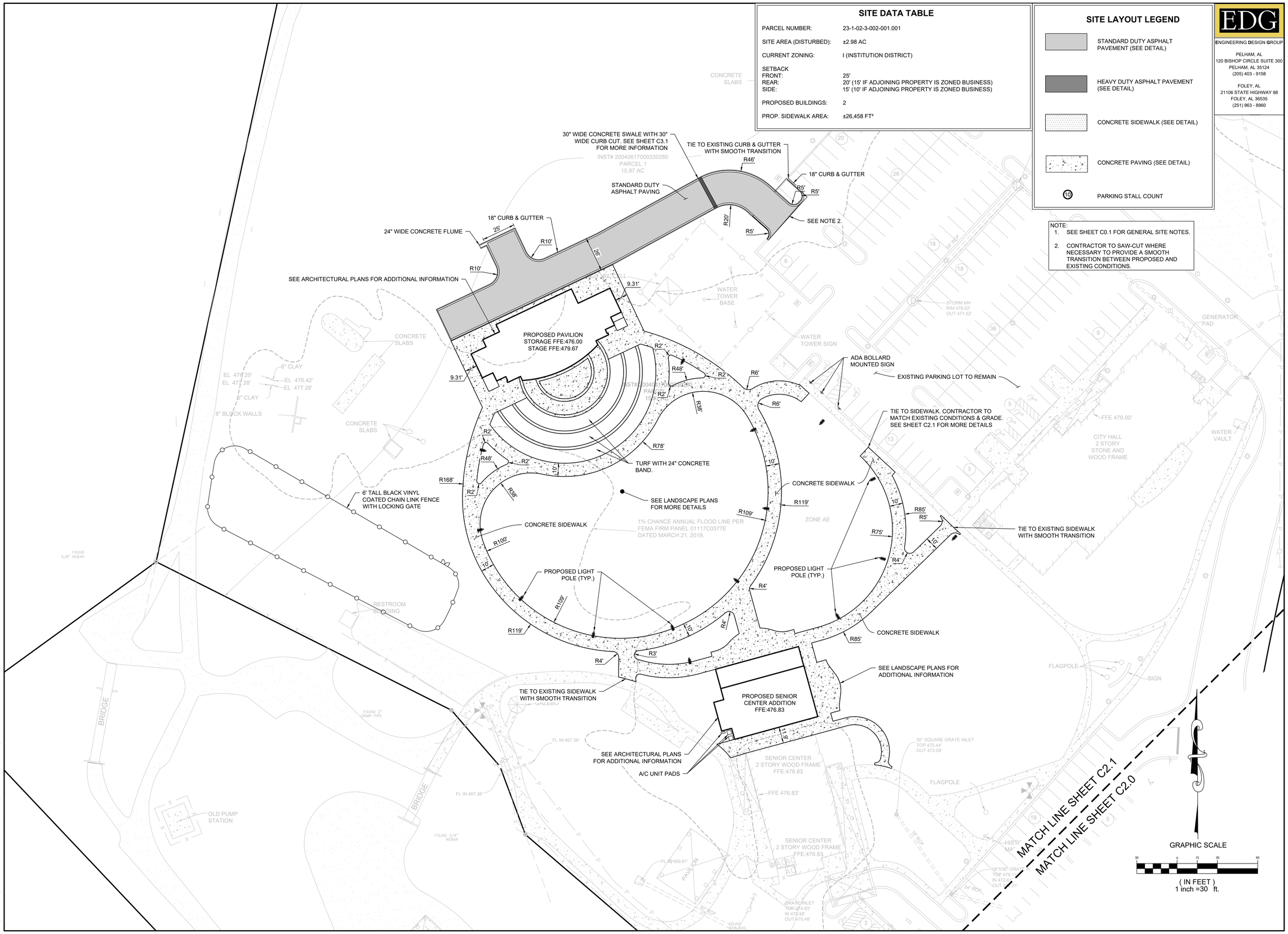
SITE DATA TABLE

PARCEL NUMBER:	23-1-02-3-002-001.001
SITE AREA (DISTURBED):	±2.98 AC
CURRENT ZONING:	I (INSTITUTION DISTRICT)
SETBACK FRONT: REAR: SIDE:	 25' 20' (15' IF ADJOINING PROPERTY IS ZONED BUSINESS) 15' (10' IF ADJOINING PROPERTY IS ZONED BUSINESS)
PROPOSED BUILDINGS:	2
PROP. SIDEWALK AREA:	±26,458 FT²

SITE LAYOUT LEGEND

- STANDARD DUTY ASPHALT PAVEMENT (SEE DETAIL)
- HEAVY DUTY ASPHALT PAVEMENT (SEE DETAIL)
- CONCRETE SIDEWALK (SEE DETAIL)
- CONCRETE PAVING (SEE DETAIL)
- (10) PARKING STALL COUNT

NOTE:
1. SEE SHEET C0.1 FOR GENERAL SITE NOTES.
2. CONTRACTOR TO SAW-CUT WHERE NECESSARY TO PROVIDE A SMOOTH TRANSITION BETWEEN PROPOSED AND EXISTING CONDITIONS.



EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27004 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: AMPHITHEATER SITE PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C2.1

U:\PROJECTS\TBAT\0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C2.0-SITE PLAN.DWG

SOUTH PARKING LOT EARTHWORK DATA (C.Y.)	
TOTAL CUT	25
TOTAL FILL	975
NET	950 (FILL)

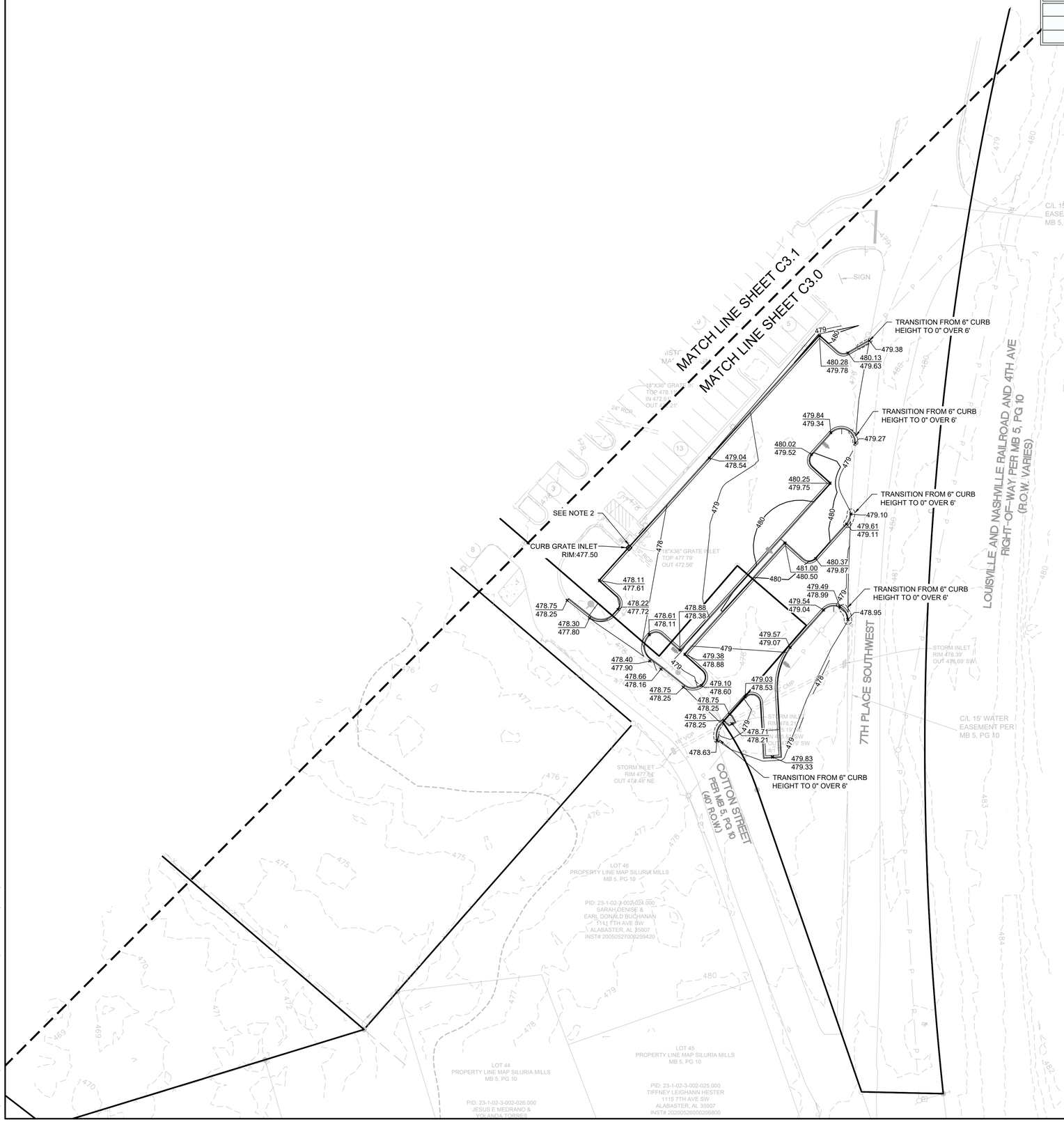
GRADING & DRAINAGE LEGEND

—101—		MINOR CONTOUR
—100—		MAJOR CONTOUR
TOP OF CURB / BOTTOM OF CURB		SPOT ELEVATION
		STORM DRAINAGE PIPING (18"Ø OR MORE)
		STORM DRAINAGE PIPING (15"Ø OR LESS)
	SWCI	SINGLE WING CURB INLET
	DWCI	DOUBLE WING CURB INLET
	STMH	STORM SEWER MANHOLE
	YI	YARD INLET
	GI	GRATE INLET
	AD	AREA DRAIN INLET
	HGI	HOODED GRATE INLET
	RD	ROOF DRAIN

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

NOTE:
1. SEE SHEET C0.1 FOR GRADING NOTES
2. CURB GRATE INLET TO BE INSTALLED INLINE WITH EXISTING STORM PIPE. PIPE INVERT TO BE FIELD VERIFIED.



GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch =30 ft.

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27902 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: SOUTH PARKING LOT GRADING PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C3.0

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C3.0-GRADING PLAN.DWG

AMPHITHEATER EARTHWORK DATA (C.Y.)	
TOTAL CUT	1,265
TOTAL FILL	7,280
NET	6,015 (FILL)

NOTE:
1. SEE SHEET C0.1 FOR GRADING NOTES

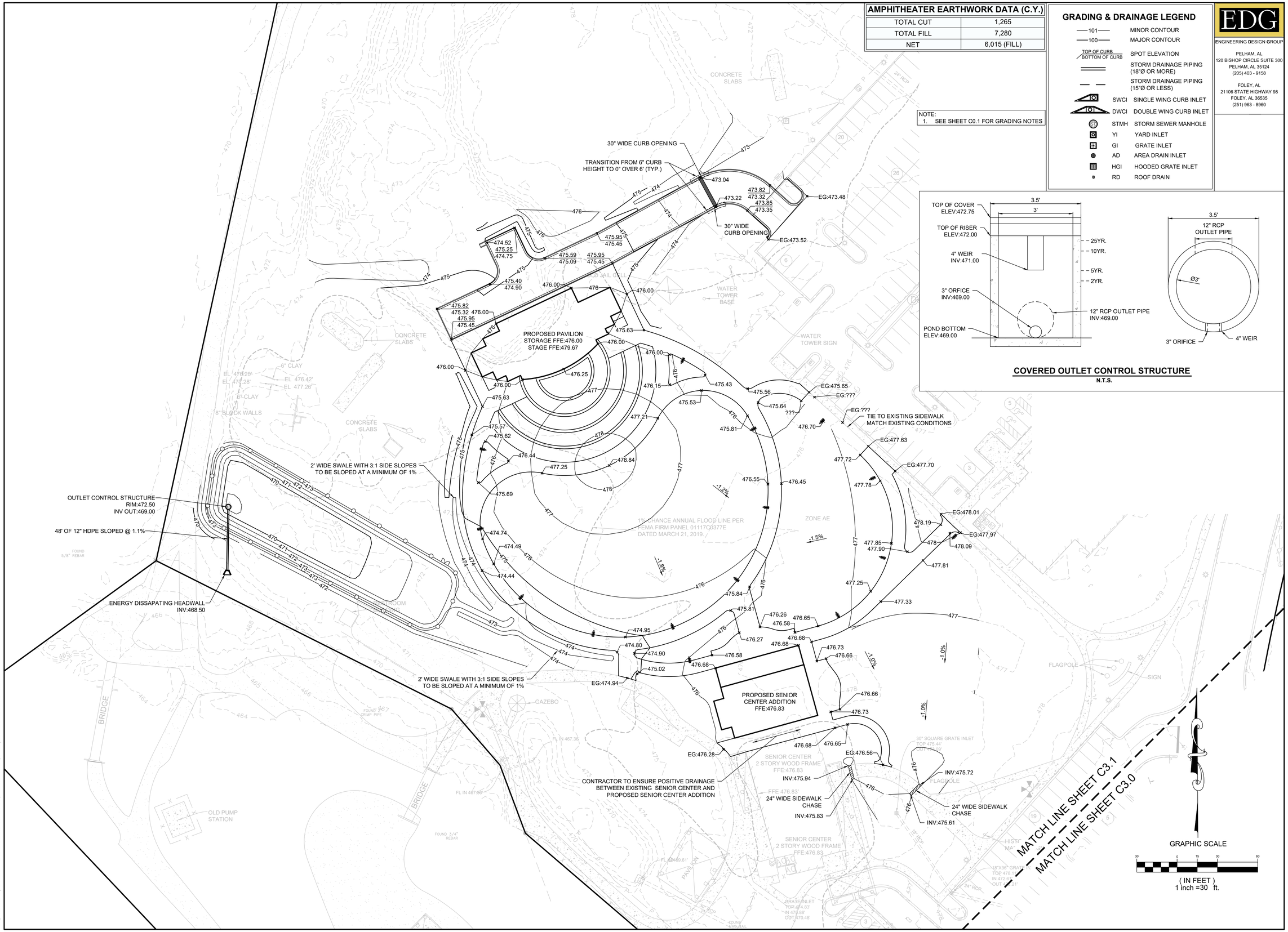
GRADING & DRAINAGE LEGEND

101		MINOR CONTOUR
100		MAJOR CONTOUR
TOP OF CURB / BOTTOM OF CURB		SPOT ELEVATION
		STORM DRAINAGE PIPING (18"Ø OR MORE)
		STORM DRAINAGE PIPING (15"Ø OR LESS)
	SWCI	SINGLE WING CURB INLET
	DWCI	DOUBLE WING CURB INLET
	STMH	STORM SEWER MANHOLE
	YI	YARD INLET
	GI	GRATE INLET
	AD	AREA DRAIN INLET
	HGI	HOODED GRATE INLET
	RD	ROOF DRAIN

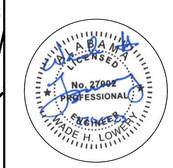
EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

COVERED OUTLET CONTROL STRUCTURE
N.T.S.



REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA



I.F.C
ISSUE FOR CONSTRUCTION

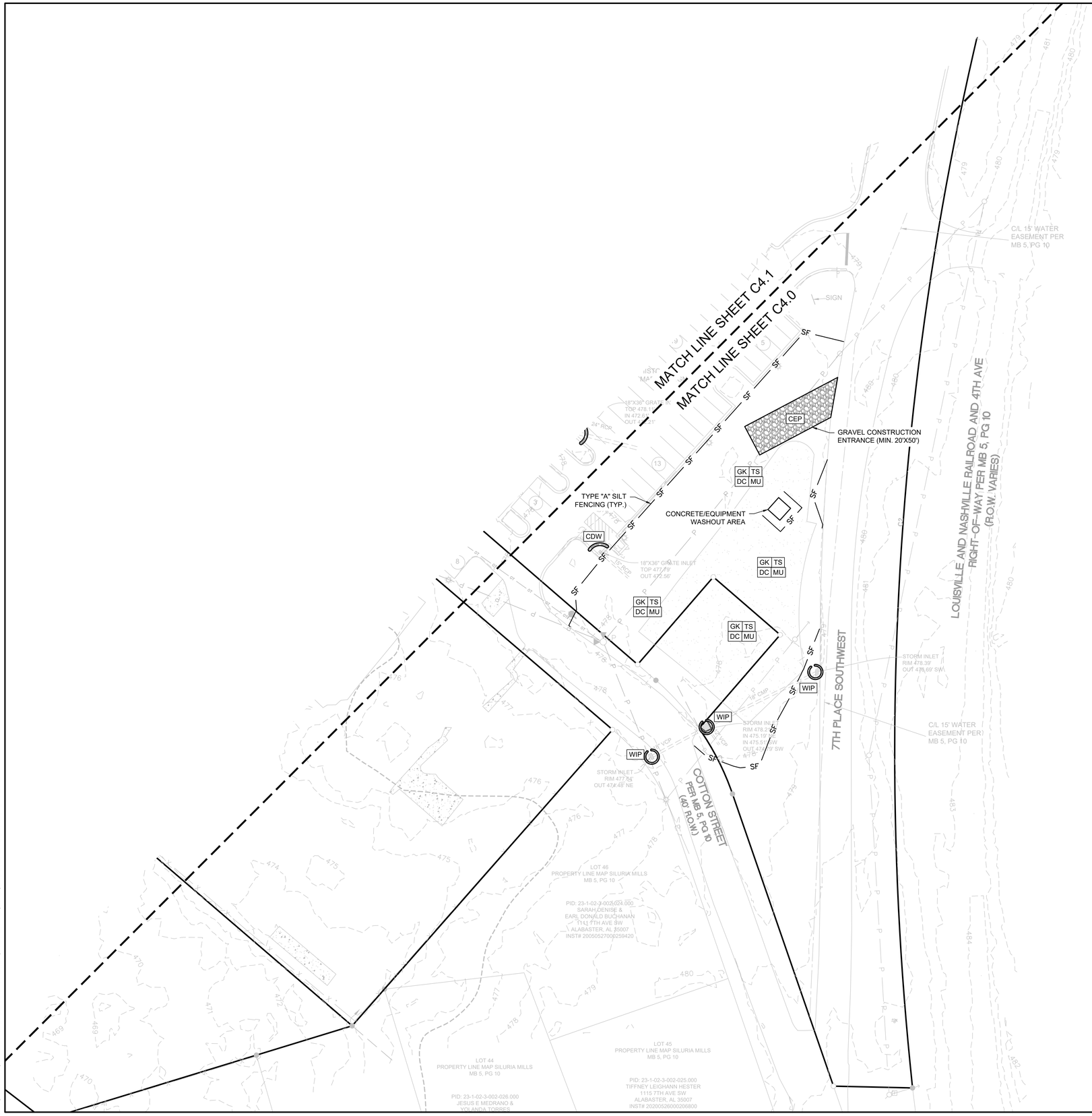
REVISIONS:		
No	Date	Description

SHEET TITLE: AMPHITHEATER GRADING PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C3.1

U:\PROJECTS\TBAT0024-ALABASTER\AMPHITHEATER\ENGINEERING\DWG\C3.0-GRADING PLAN.DWG



ALABAMA EROSION CONTROL LEGEND

— SF —	SB SILT FENCING	TSG	TOPSOIL
	WIP WATTLE INLET PROTECTION	ECB	EROSION CONTROL BLANKET
	CDW WATTLE CHECK DAM	DC	DUST CONTROL
	CDR RIP RAP CHECK DAM	PS	PERMANENT SEEDING
	CEP CONSTRUCTION EXIT PAD	TS	TEMPORARY SEEDING
	OP OUTLET PROTECTION	SOD	SODDING
	IP1 SILT SAVER INLET PROTECTION	MU	MULCHING
	IP2 DANDY SACK INLET PROTECTION	GK	GROUNDSKEEPING

NOTE:
1. SEE SHEET C0.1 FOR EROSION CONTROL NOTES.

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27002 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

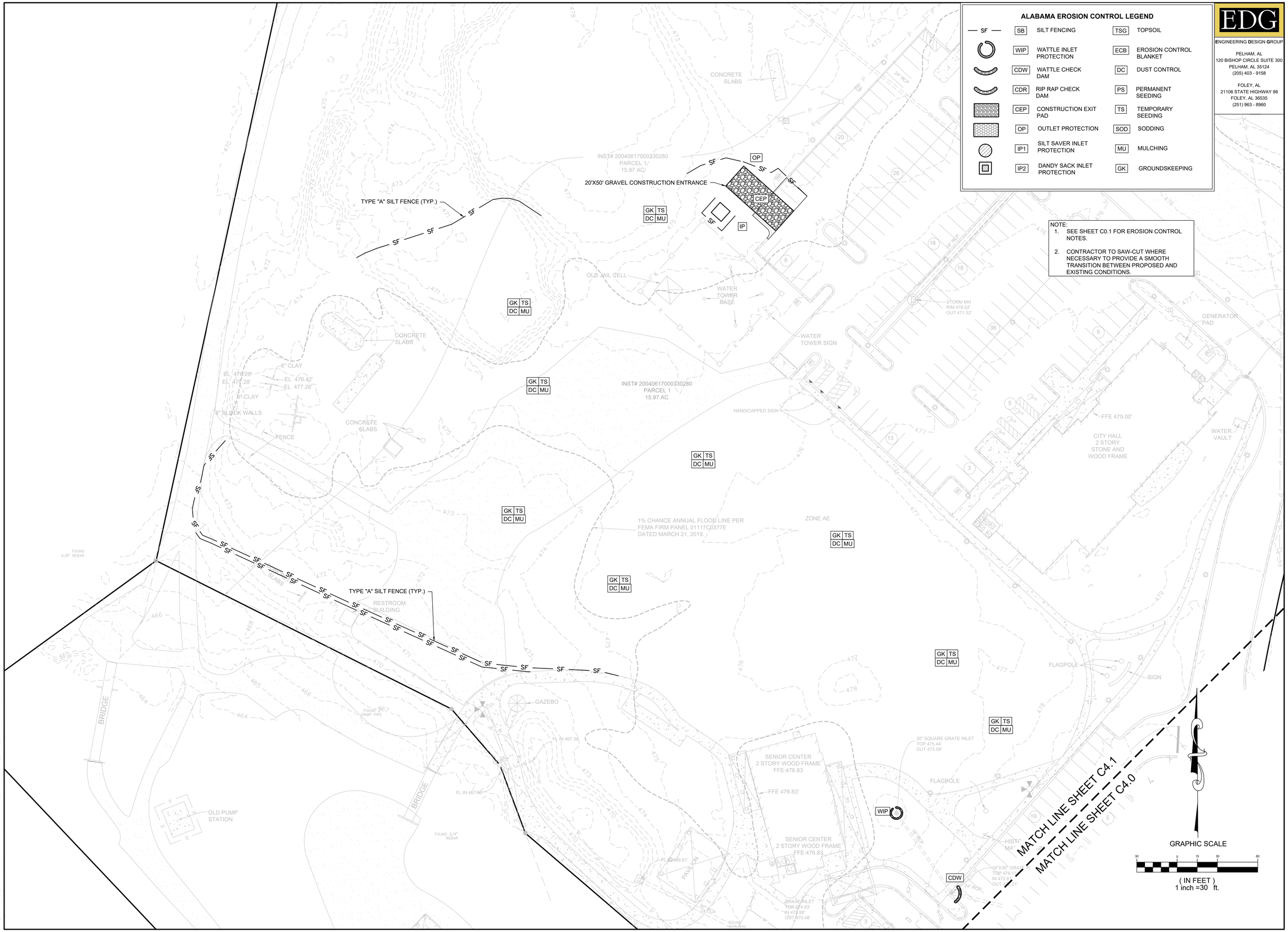
GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch =30 ft.

SHEET TITLE: SOUTH PARKING LOT PHASE 1 EROSION CONTROL PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C4.0

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C4.0-EROSION CONTROL PLAN.DWG



ALABAMA EROSION CONTROL LEGEND

— SF —	SB	SILT FENCING	TSG	TOPSOIL
	WIP	WATTLE INLET PROTECTION	ECB	EROSION CONTROL BLANKET
	CDW	WATTLE CHECK DAM	DC	DUST CONTROL
	CDR	RIP RAP CHECK DAM	PS	PERMANENT SEEDING
	CEP	CONSTRUCTION EXIT PAD	TS	TEMPORARY SEEDING
	OP	OUTLET PROTECTION	SOD	SODDING
	IP1	SILT SAVER INLET PROTECTION	MU	MULCHING
	IP2	DANDY SACK INLET PROTECTION	GK	GROUNDSKEEPING

NOTE:
1. SEE SHEET C0.1 FOR EROSION CONTROL NOTES.
2. CONTRACTOR TO SAW-CUT WHERE NECESSARY TO PROVIDE A SMOOTH TRANSITION BETWEEN PROPOSED AND EXISTING CONDITIONS.

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27002 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

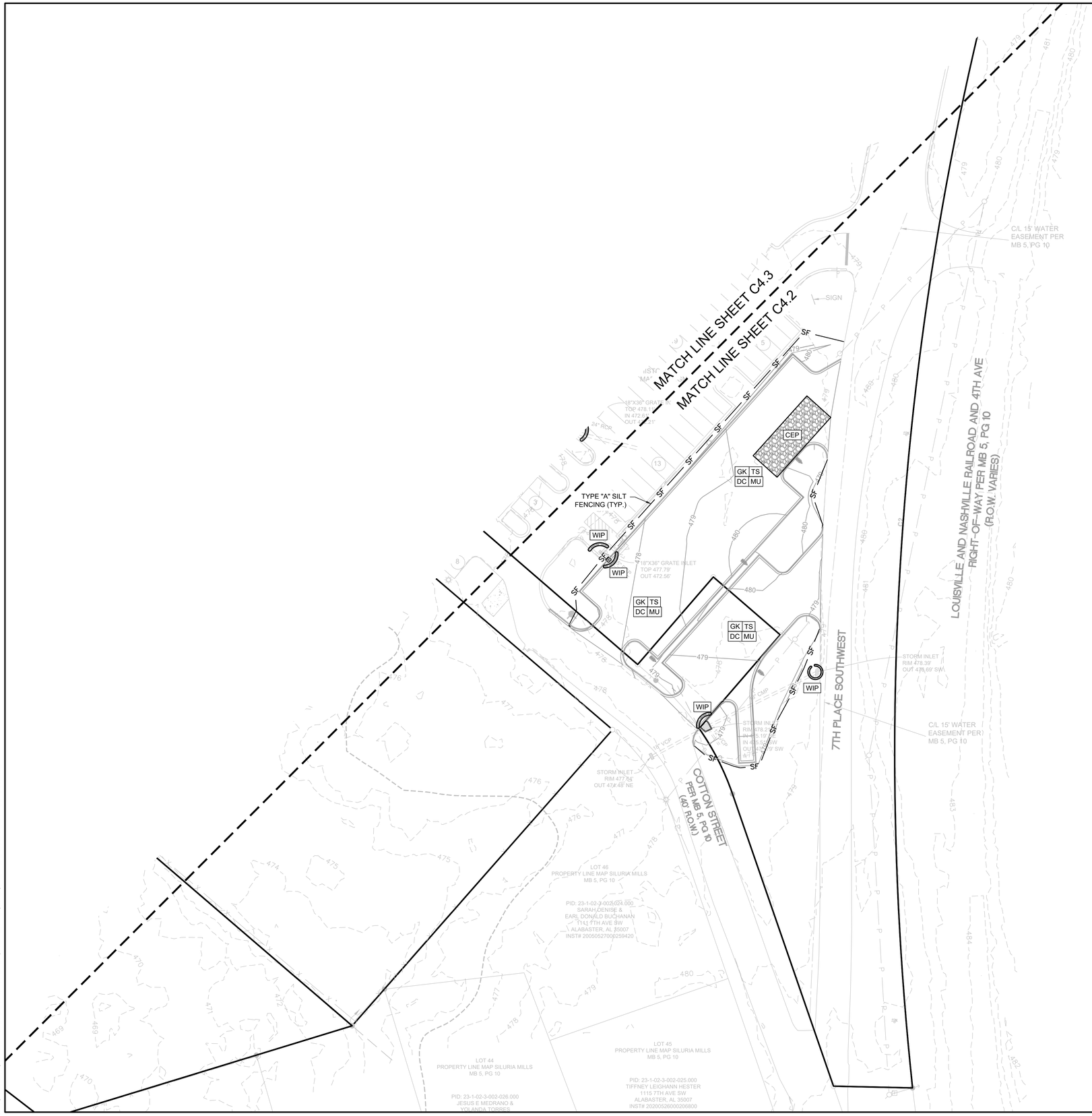
No	Date	Description

SHEET TITLE: AMPHITHEATER PHASE 1 EROSION CONTROL PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C4.1

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWGS\C4.0-EROSION CONTROL PLAN.DWG



ALABAMA EROSION CONTROL LEGEND

— SF —	SB	SILT FENCING	SK	SKIMMER
	WIP	WATTLE INLET PROTECTION	ECB	EROSION CONTROL BLANKET
	CDW	WATTLE CHECK DAM	DC	DUST CONTROL
	CDR	RIP RAP CHECK DAM	PS	PERMANENT SEEDING
	CEP	CONSTRUCTION EXIT PAD	TS	TEMPORARY SEEDING
	OP	OUTLET PROTECTION	SOD	SODDING
	IP1	SILT SAVER INLET PROTECTION	MU	MULCHING
	IP2	DANDY SACK INLET PROTECTION	GK	GROUNDSKEEPING

NOTE:
1. SEE SHEET C0.1 FOR EROSION CONTROL NOTES.

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 inch =30 ft.

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27004 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

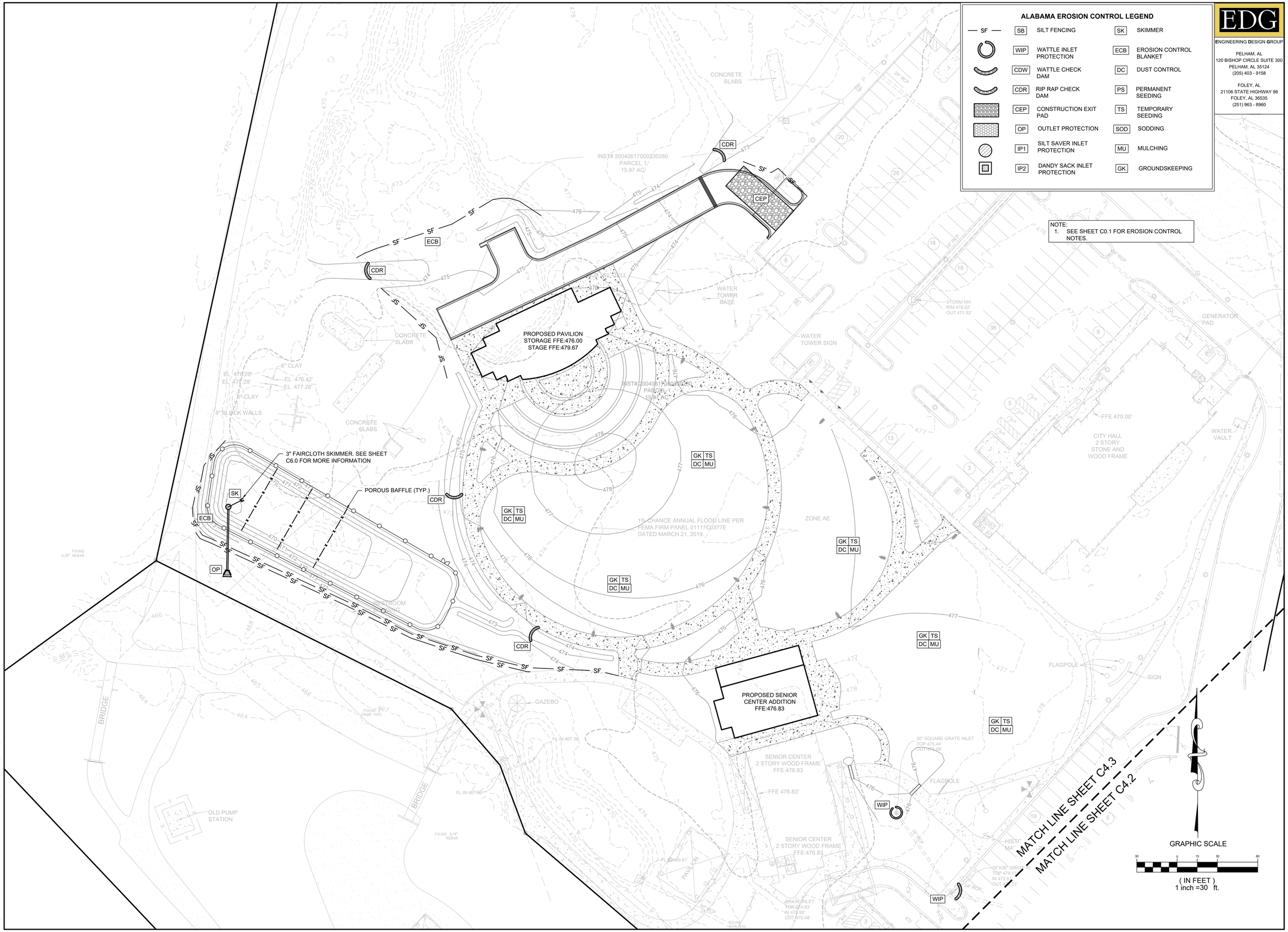
No	Date	Description

SHEET TITLE: SOUTH PARKING LOT PHASE 2 EROSION CONTROL PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C4.2

U:\PROJECTS\TBAT\0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C4.2-PH2 EROSION CONTROL PLAN.DWG



ALABAMA EROSION CONTROL LEGEND

— SF —	SB SILT FENCING	SK	SKIMMER
	WIP WATTLE INLET PROTECTION	ECB	EROSION CONTROL BLANKET
	CDW WATTLE CHECK DAM	DC	DUST CONTROL
	CDR RIP RAP CHECK DAM	PS	PERMANENT SEEDING
	CEP CONSTRUCTION EXIT PAD	TS	TEMPORARY SEEDING
	OP OUTLET PROTECTION	SOD	SODDING
	IP1 SILT SAVER INLET PROTECTION	MU	MULCHING
	IP2 DANDY SACK INLET PROTECTION	GK	GROUNDSKEEPING

NOTE:
1. SEE SHEET C0.1 FOR EROSION CONTROL NOTES.

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27902 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

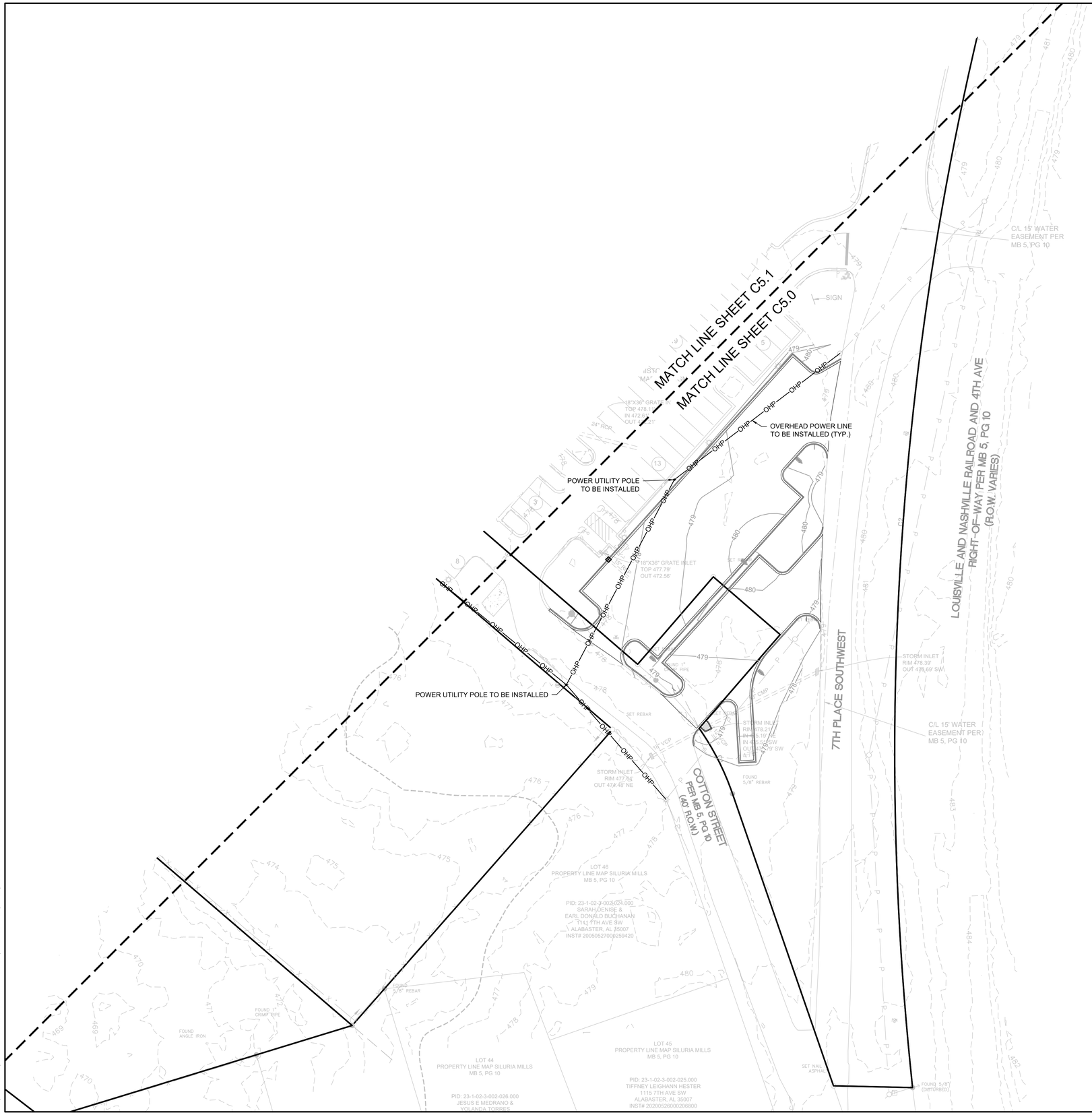
No	Date	Description

SHEET TITLE: AMPHITHEATER PHASE 2 EROSION CONTROL PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C4.3

U:\PROJECTS\TBAT0024-ALABASTER\AMPHITHEATER\ENGINEERING\DWG\C4.2-PH2 EROSION CONTROL PLAN.DWG



L:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C5.0-UTILITY PLAN.DWG

UTILITY LEGEND

—WFM—	FIRE SERVICE
—W—	DOMESTIC WATER
—IRR—	IRRIGATION SERVICE
—COMM—	COMMUNICATION
—UGP—	UNDERGROUND POWER
—OHP—	OVERHEAD POWER
—GAS—	GAS
—SS—	SANITARY SEWER
	FIRE HYDRANT
	SANITARY SEWER MANHOLE
CO	CLEANOUT

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

NOTE:
1. SEE SHEET C0.1 FOR GENERAL UTILITY NOTES.
2. CONTRACTOR TO COORDINATE POWER POLE RELOCATION WITH UTILITY PROVIDER.
3. CONTRACTOR TO USE EXTREME CAUTION WHEN WORKING ADJACENT TO OVERHEAD POWER LINES

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27902 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

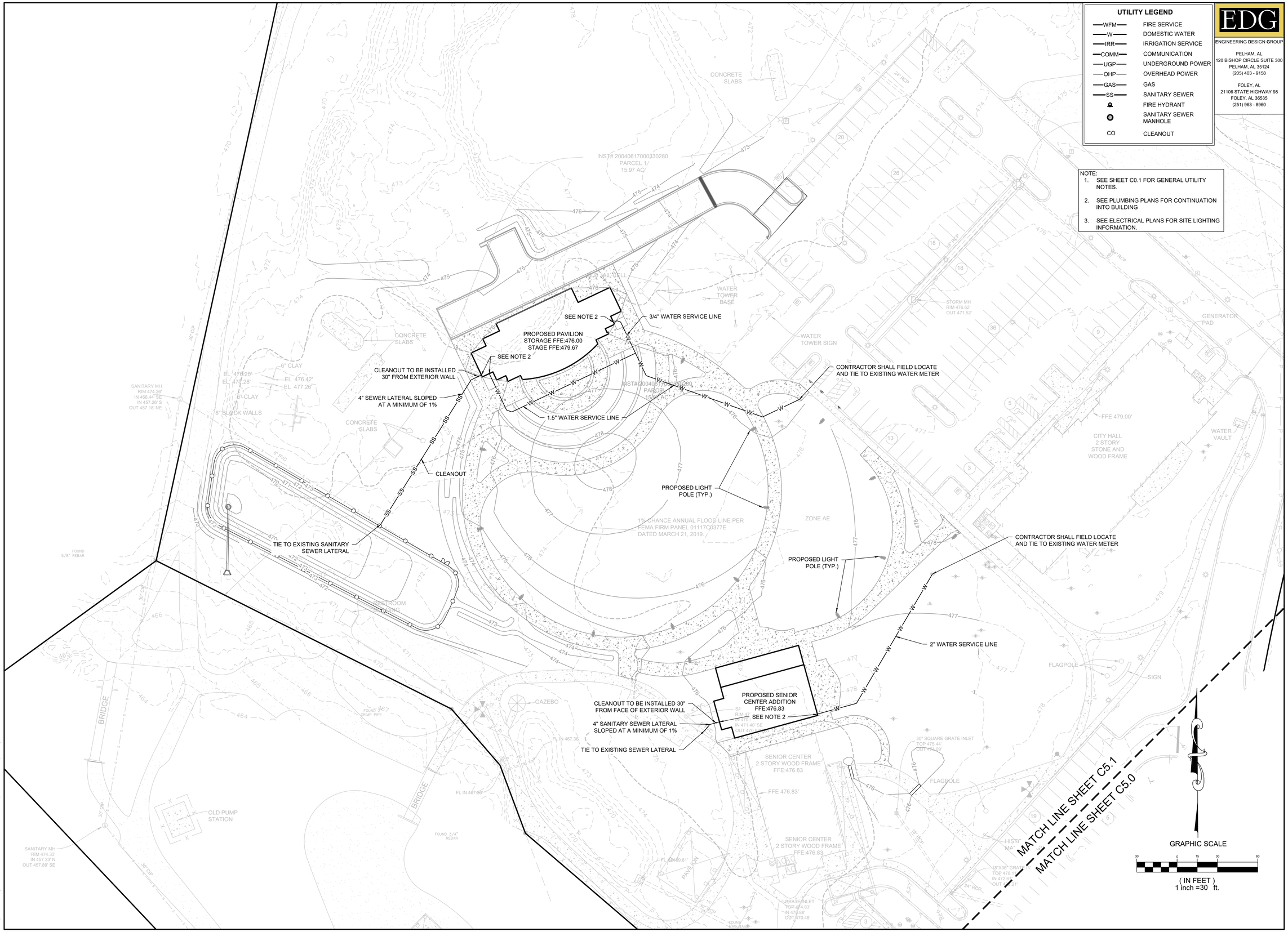
No	Date	Description

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch =30 ft.

SHEET TITLE: SOUTH PARKING LOT UTILITY PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C5.0



NOTE:
1. SEE SHEET C0.1 FOR GENERAL UTILITY NOTES.
2. SEE PLUMBING PLANS FOR CONTINUATION INTO BUILDING
3. SEE ELECTRICAL PLANS FOR SITE LIGHTING INFORMATION.

UTILITY LEGEND

—WFM—	FIRE SERVICE
—W—	DOMESTIC WATER
—IRR—	IRRIGATION SERVICE
—COMM—	COMMUNICATION
—UGP—	UNDERGROUND POWER
—OHP—	OVERHEAD POWER
—GAS—	GAS
—SS—	SANITARY SEWER
	FIRE HYDRANT
	SANITARY SEWER MANHOLE
CO	CLEANOUT

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 27902 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

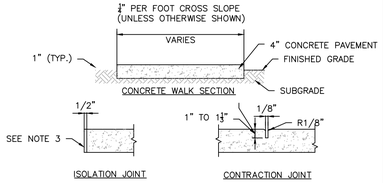
No	Date	Description

SHEET TITLE: AMPHITHEATER UTILITY PLAN

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

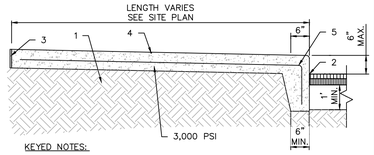
C5.1

U:\PROJECTS\TBAT0024-ALABASTER\AMPHITHEATER\ENGINEERING\DWG\C5.0-UTILITY PLAN.DWG



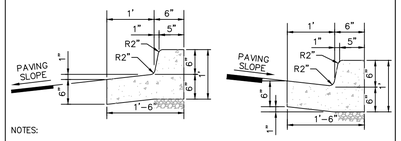
NOTES:
1. CONTRACTION (SAW CUT) JOINTS TO BE EVERY 5 TO 8 FEET WITH A MAXIMUM SPACING OF TWICE THE SLAB THICKNESS IN FEET; CUT TO A DEPTH OF 1" MINIMUM TO 1 1/4" MAXIMUM.
2. CUT CONTRACTION JOINTS BETWEEN 2 HOURS AND 12 HOURS OF CONCRETE PLACEMENT.
3. PLACE ISOLATION JOINTS WHEN ADJACENT TO BUILDINGS, CURBS, ETC. USE A 1/2" THICK PRE-MOULDED EXPANSION JOINT FILLER CONFORMING TO ASTM D1751 OR D1752 TO CREATE A BOND BREAK. INSTALL JOINT SEALER OVER JOINT FILLER.
4. CONCRETE TO BE 4000 PSI COMPRESSIVE STRENGTH UNLESS OTHERWISE NOTED.
5. PLACE SIDEWALK ON COMPACTED SUBGRADE- 98% STANDARD PROCTOR DENSITY (ASTM D698) UNLESS OTHERWISE NOTED.

TYPICAL SIDEWALK DETAIL
N.T.S.



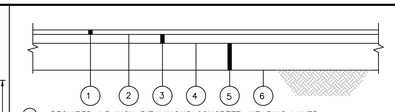
KEYED NOTES:
1. COMPACTED SUBGRADE
2. PAVEMENT
3. COMPRESSIBLE FILLER, CUT BACK AND PROVIDE SEALANT, TYPICAL, AT ALL JOINTS WITH FILLER.
4. 1/8" CONTRACTION JOINT EVERY 5' TO 10'; EXPANSION JOINT EVERY 15 FEET.
5. 6" X 6" W1.4 X W1.4 W.W.R.

PERIMETER SIDEWALK-CURB DETAIL
N.T.S.



NOTES:
1. SLOPE GUTTER AS SHOWN ACCORDING TO PAVING SLOPE. THIS SLOPE SHALL NOT EXCEED 5% TO COMPLY WITH ADA REQUIREMENTS AT ANY HANDICAP RAMP.
2. PROVIDE EXPANSION JOINTS WITH PREFORMED JOINT FILLER MATERIAL CUT TO MATCH SHAPE OF CURB AND GUTTER OF AT LEAST 1/2 INCH IN WIDTH AT INTERVALS NOT LESS THAN 30' NOR GREATER THAN 100' AND AT P.C.'S AND P.T.'S OF ALL CURVES, AT STRUCTURES (CURB INLETS, WHEELCHAIR RAMPS, ETC.).
3. SAWCUT 3/16" JOINTS AT SPACING NOT LESS THAN 5' AND NOT TO EXCEED 15' JOINT DEPTH SHALL BE 1/4 DEPTH OF CURB/GUTTER. JOINT TO BE PERPENDICULAR TO THE RUN OF THE CURB AND GUTTER.
4. IF ADJACENT TO CONCRETE PAVING SIDEWALK LINE UP JOINTS WITH ADJACENT CONCRETE JOINTS.
5. 3,500 PSI CONCRETE UNLESS STATED OTHERWISE.
6. PROVIDE 6" CRUSHED STONE BASE UNDER ALL CURBS AND GUTTERS.
7. VERIFY SHAPE OF CURB TO MATCH ANY EXISTING CONDITIONS OR LOCAL STANDARDS.

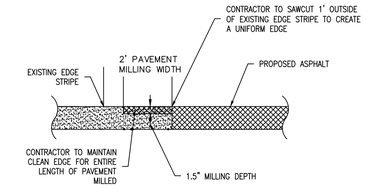
18" CURB & GUTTER
N.T.S.



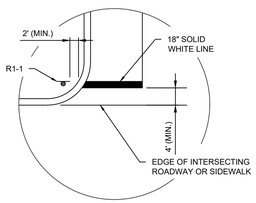
1. REQUIRED 1.5 INCH BITUMINOUS CONCRETE, WEARING LAYER (ALDOT 424A – 3/4" MAX AGGREGATE SIZE)
2. REQUIRED TACK COAT (ALDOT 405).
3. REQUIRED 2 INCHES BITUMINOUS CONCRETE, BINDER LAYER (ALDOT 424B– 1" MAX AGGREGATE SIZE).
4. REQUIRED BITUMINOUS TREATMENT (PRIME) (ALDOT 401, TYPE A)
5. REQUIRED 6 INCHES CRUSHED AGGREGATE BASE COURSE, TYPE B, (ALDOT 825).
6. SUBGRADE: TOP 12 INCHES – 98% COMPACTION ASTM D-698.

NOTE: ALL MIX DESIGNS ARE PER THE "ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" – 2018 EDITION.

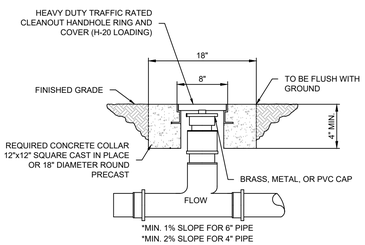
STANDARD DUTY ASPHALT PAVING
N.T.S.



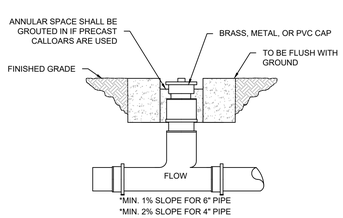
LONGITUDINAL ASPHALT PAVEMENT MILLING
N.T.S.



STOP BAR
N.T.S.



CLEANOUT IN PAVED AREAS



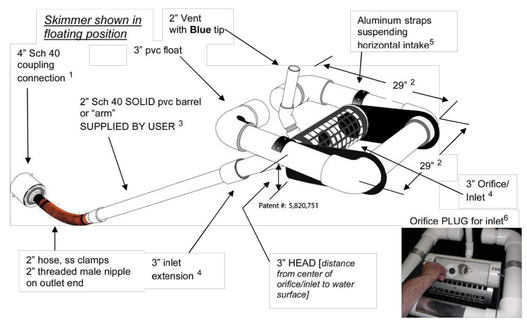
CLEANOUT IN UN-PAVED AREAS

NOTE:
1. CLEANOUTS ARE REQUIRED AT THE EDGE OF ALL EASEMENTS AND RIGHT OF WAYS, UNLESS APPROVED OTHERWISE.

TYPICAL CLEANOUT
N.T.S.

3" *Faircloth Skimmer®* Cut Sheet

J. W. Faircloth & Son, Inc.
www.FairclothSkimmer.com



1. Coupling can be removed and hose attached to outlet using the threaded 2" nipple. Typical methods: a) a metal structure with a steel stub out welded on the side at the bottom with a 2" threaded coupling or reducer(s); b) a concrete structure with a hole or orifice at the bottom - use a steel plate with a hole cut in it and coupling welded to it that will fit over the hole in the concrete and bolted to the structure with sealant; or c) grout a 4" pvc pipe in a hole in the concrete to connect the skimmer. It can be attached to a straight 4" sch 40 pipe through the dam but the pipe needs to be anchored to the bottom at the connection so it is secure.

2. Dimensions are approximate, not intended as plans for construction.

3. Barrel (solid, not foam core pipe) should be 1.4 times the depth of water with a minimum length of 8' so the inlet can be pulled to the side for maintenance. If more than 10' long weight may have to be added to inlet to counter the increased buoyancy.

4. Orifice/inlet tapers down from a 3" maximum inlet to a 2" barrel and hose. Barrel is smaller to reduce buoyancy and tendency to lift inlet but is sufficient for flow through inlet because of slope. The orifice/inlet can be reduced using the plug and cutter provided to control the outflow rate – see #6.

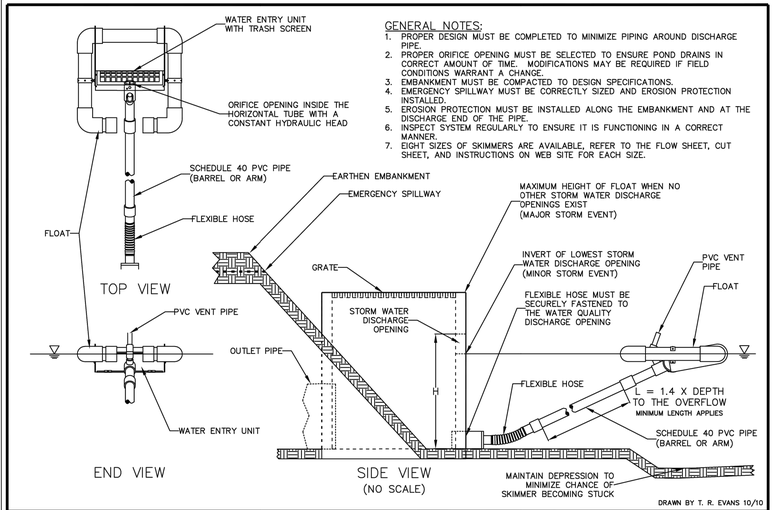
5. Horizontal intake is 6" pipe between the straps with aluminum screen door for access to the 3" inlet and orifice inside.

6. **Capacity:** 9,774 cubic feet per day maximum with 3" inlet and 3" head. Inlet can be reduced by installing a smaller orifice using the plug and cutter provided to adjust flow rate for the particular drawdown time required. Please use the sizing template at www.fairclothskimmer.com .

7. Ships assembled. User glues inlet extension and barrel, installs vent, cuts orifice in plug and attaches to outlet pipe or structure. Includes float, flexible hose, rope, orifice plug & cutter. Does NOT include 2" Sch 40 SOLID pvc barrel or "arm" SUPPLIED BY USER.

3inchCut 5-1-2019

© J. W. Faircloth & Son, Inc. 2019

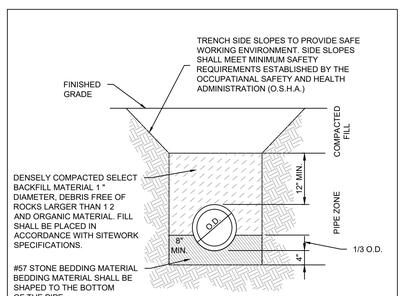


GENERAL NOTES:
1. PROPER DESIGN MUST BE COMPLETED TO MINIMIZE PIPING AROUND DISCHARGE PIPE.
2. PROPER ORIFICE OPENING MUST BE SELECTED TO ENSURE POND DRAINS IN CORRECT AMOUNT OF TIME. MODIFICATIONS MAY BE REQUIRED IF FIELD CONDITIONS WARRANT A CHANGE.
3. EMBANKMENT MUST BE COMPACTED TO DESIGN SPECIFICATIONS.
4. EMERGENCY SPILLWAY MUST BE CORRECTLY SIZED AND EROSION PROTECTION INSTALLED.
5. EROSION PROTECTION MUST BE INSTALLED ALONG THE EMBANKMENT AND AT THE DISCHARGE END OF THE PIPE.
6. INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER.
7. EIGHT SIZES OF SKIMMERS ARE AVAILABLE, REFER TO THE FLOW SHEET, CUT SHEET, AND INSTRUCTIONS ON WEB SITE FOR EACH SIZE.

DRAWN BY T. R. EVANS 10/10

FAIRCLOTH SKIMMER® DISCHARGE SYSTEM WITH OUTLET STRUCTURE

J. W. FAIRCLOTH & SON INC.
WWW.FAIRCLOTHSKIMMER.COM
TELEPHONE: (919) 732-1244
FAX: (919) 732-1266
EMAIL: WARREN@FAIRCLOTHSKIMMER.COM



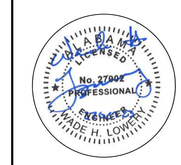
NOTES:
1. FOR ROCK OR OTHER INCOMPRESSIBLE MATERIALS, THE TRENCH SHALL BE OVER-EXCAVATED A MINIMUM OF 6" AND REFILLED WITH #57 STONE.
2. O.D. = OUTSIDE DIAMETER

PIPE BEDDING DETAIL
N.T.S.

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158
FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA



I.F.C
ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

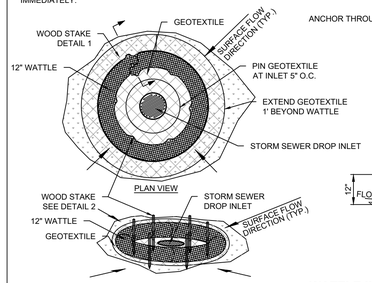
SHEET TITLE: DETAILS

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

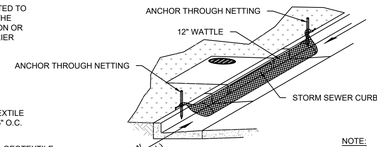
C6.0

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C6.0-DETAILS.DWG

MAINTENANCE SCHEDULE:
REMOVE SEDIMENT DEPOSITS PROMPTLY AFTER IT HAS ACCUMULATED TO 1/2 OF THE ORIGINAL CAPACITY, TAKING CARE NOT TO UNDERMINE THE ENTRENCHED WATTLES. INSPECT PERIODICALLY FOR DETERIORATION OR DAMAGE FROM CONSTRUCTION ACTIVITIES. REPAIR DAMAGED BARRIER IMMEDIATELY.

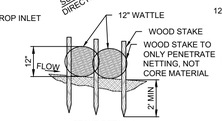


DROP INLET PROTECTION

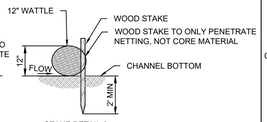


CURB INLET PROTECTION

NOTE:
WATTLES MAY BE A STRAW WATTLE, A CURLEX SEDIMENT LOG, OR APPROVED EQUAL.



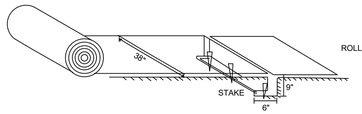
STAKE DETAIL 1



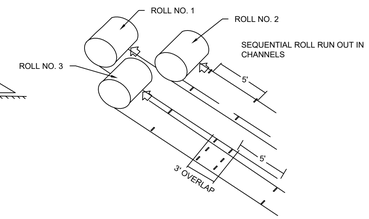
STAKE DETAIL 2

WATTLE INLET PROTECTION

N.T.S.



PICTORIAL VIEW OF TRANSVERSE SLOT



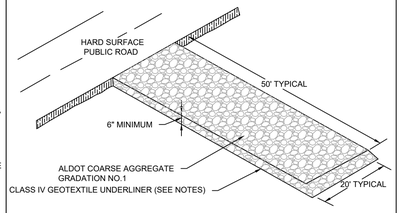
INSTALLATION:
1. START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
2. FIRST ROLL IS CENTERED LONGITUDINALLY IN MID CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
3. SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND FIRST ROLL. USE CENTER ROLL FOR ALIGNMENT TO CHANNEL CENTER.
4. WORK OUTWARDS FROM CHANNEL CENTER TO EDGE.
5. USE 3" OVERLAP AND STAKE AT 5' INTERVALS ALONG SEAMS.
6. USE 3' OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT LINING AT ROLL ENDS.
7. ANCHOR PRODUCTS SO THAT A CONTINUOUS, FIRM CONTACT (NO TENTING) WITH THE SOIL SURFACE/SEED BAD IS MAINTAINED.

MAINTENANCE
INSPECT AFTER STORM EVENTS UNTIL VEGETATION IS ESTABLISHED FOR EROSION OR UNDERMINING BENEATH BLANKETS. IF ANY AREA SHOWS EROSION, PULL BACK THAT PORTION OF THE BLANKET, ADD TAMPED SOIL AND RESEED; THEN RESECURE THE BLANKETS

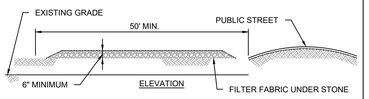
IF BLANKETS SHOULD BECOME DISLOCATED OR DAMAGED, REPAIR OR REPLACE AND RESECURE IMMEDIATELY.

EROSION CONTROL BLANKET

N.T.S.



PLAN



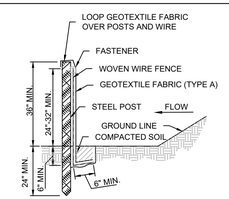
ELEVATION

SPECIAL NOTES :

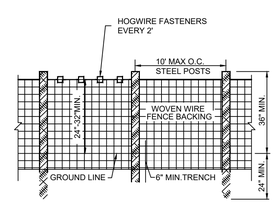
1. A STABILIZED PAD OF CRUSHED STONE SPREAD OVER FILTER FABRIC SHALL BE LOCATED WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC STREET. THE STONE SHALL BE ALDOT GRADATION NO. 1 STONE, FILTER FABRIC SHALL BE NONWOVEN GEOTEXTILE CLASS IV OR EQUAL.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
3. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY BY STREET CLEANING (NOT FLUSHING). WHEN NECESSARY, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN.
4. IF THE PAD SLOPE TOWARDS THE ROAD EXCEEDS 2%, A DIVERSION RIDGE 6" - 8" HIGH WITH 3:1 SIDE SLOPES MUST BE CONSTRUCTED ACROSS THE FOUNDATION APPROXIMATELY 15' AWAY FROM THE ROAD AND DRAIN INTO A SEDIMENT TRAP OR BASIN.

CONSTRUCTION EXIT PAD

N.T.S.



SIDE VIEW



FRONT VIEW

SPECIAL NOTES:
1. SILT FENCE FABRIC SHALL BE PER TABLE SB-1 FROM THE LATEST ALABAMA EROSION CONTROL HANDBOOK.
2. USE D.O.T. APPROVED WOVEN WIRE FENCE.
3. USE 5' MIN. STEEL POSTS (1.3 LB/FT MIN.).

NOTES:
1. THE WOVEN WIRE FENCING SHALL BE FASTENED TO THE UPSTREAM SIDE OF POSTS BY STAPLES OF WIRE TIES.
2. GEOTEXTILE FABRIC SHALL BE SECURELY FASTENED TO THE WOVEN WIRE FENCING.

MAINTENANCE SCHEDULE:
REMOVE SEDIMENT DEPOSITS WHEN THEY REACH A DEPTH OF 15" OR 1/2 THE HEIGHT OF THE FENCE AS INSTALLED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. SHOULD THE FABRIC OR SILT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.

SILT FENCE - TYPE A

N.T.S.

Species	Seeding Rates/Ac PLS [1]	North	Central	South
			Seeding Dates	
Bahiagrass, Pensacola	40 lbs	-	Mar 1-July 1	Feb 1-Nov 1 [2]
Bermudagrass, Common	10 lbs	Apr 1-July 1	Mar 15-July 15	Mar 1-July 15
Bahiagrass, Pensacola Bermudagrass, Common	30 lbs 5 lbs	-	Mar 1-July 1	Mar 1-July 15
Bermudagrass, Hybrid (Lawn Types)	Solid Sod	Anytime	Anytime	Anytime
Bermudagrass, Hybrid (Lawn Types)	Sprigs 1/sq ft	Mar 1-Aug 1	Mar 1-Aug 1	Feb 15 -Sep 1
Fescue, Tall	40-50 lbs	Sep 1-Nov 1	Sep 1-Nov 1	---
Sericea	40-60 lbs	Mar 15-July 15	Mar 1-July 15	Feb 15 -July 15
Sericea & Common Bermudagrass	40 lbs 10 lbs	Mar 15-July 15	Mar 1-July 15	Feb 15-July 15
Switchgrass, Alamo	4 lbs	Apr 1-Jun 15	Mar 15-Jun 15	Mar 15-Jun 15

Figure FS-1 Geographical Areas for Species Adaptation

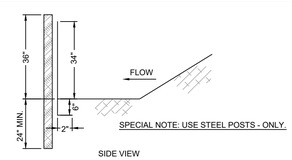
Note: Site conditions related to soils and aspect in counties adjacent or close to county boundaries may justify adjustments in planting dates by qualified design professionals.

Table MU-1 Mulching Materials and Application Rates

Material	Rate Per Acre and (Per 1000 ft.2)	Notes
Straw (with Seed)	1 ½ - 2 tons (70 lbs - 90 lbs)	Spread by hand or machine; anchor when subject to blowing.
Straw Alone (no seed)	2 ½ - 3 tons (115 lbs - 160 lbs)	Spread by hand or machine; anchor when subject to blowing.
Wood Chips	5-6 tons (225 lbs - 270 lbs)	Treat with 12 lbs. nitrogen/ton.
Bark	35 cubic yards (0.8 cubic yard)	Can apply with mulch blower.
Pine Straw	1-2 tons (45 lbs - 90 lbs)	Spread by hand or machine; will not blow like straw.
Peanut Hulls	10-20 tons (450 lbs - 900 lbs)	Will wash off slopes. Treat with 12 lbs. nitrogen/ton.

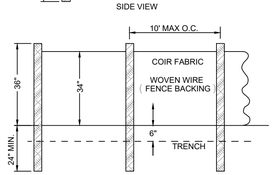
TEMPORARY SEEDING AND MULCHING RATES

N.T.S.



SPECIAL NOTE: USE STEEL POSTS - ONLY.

SIDE VIEW



FRONT VIEW

COIR BAFFLES

N.T.S.

EDG
ENGINEERING DESIGN GROUP
PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35124
(205) 403 - 9158

FOLEY, AL
21106 STATE HIGHWAY 98
FOLEY, AL 36535
(251) 963 - 8960

TURNERBATSON

REBID ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA LICENSED No. 27902 PROFESSIONAL ENGINEER WADE H. LOWERY

I.F.C

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: DETAILS

PROJECT NUMBER: 2904
CHECKED BY: WHL
ISSUE DATE: 10/27/23
DRAWN BY: CLG

C6.1

U:\PROJECTS\TBAT0024-ALABASTERAMPHITHEATER\ENGINEERING\DWG\C6.0-DETAILS.DWG

EXPANSION JOINT TO BE ALIGNED W/ BUILDING & STAIRS (SEE L2.2 FOR DETAILS)

10' CONCRETE SIDEWALK W/ MEDIUM BROOM FINISH

VIEWING TERRACE W/ 24" COLORED CONCRETE ACCENT BANDING

10' CONCRETE SIDEWALK W/ MEDIUM BROOM FINISH

COLORED CONCRETE W/ 5X5 TOOLED JOINT PATTERN

10' CONCRETE SIDEWALK W/ MEDIUM BROOM FINISH

EXPANSION JOINT @ 60' OC (TYP) (SEE L2.2 FOR DETAILS)

24" COLORED CONCRETE BAND (SEE DETAIL 6/L2.1)

10' CONCRETE WALK W/ MEDIUM BROOM FINISH

CONTROL JOINT @ 10' OC (TYP) (SEE L2.2 FOR DETAILS)

10' CONCRETE WALK W/ MEDIUM BROOM FINISH

EXPANSION JOINT (SEE L2.2 FOR DETAILS)

NEW CONNECTION @ ACCESSIBLE SPACES

10' CONCRETE SIDEWALK W/ MEDIUM BROOM FINISH

CONTROL JOINT @ 10' OC (TYP) (SEE L2.2 FOR DETAILS)

EXPANSION JOINT @ 60' OC (TYP) (SEE L2.2 FOR DETAILS)

CONTROL JOINT @ 10' OC (TYP) (SEE L2.2 FOR DETAILS)

EXPANSION JOINT @ 60' OC (TYP) (SEE L2.2 FOR DETAILS)

NEW CONNECTION @ PARKING SPACES

10' CONCRETE SIDEWALK W/ MEDIUM BROOM FINISH

10' CONCRETE SIDEWALK W/ MEDIUM BROOM FINISH

EXPANSION JOINT @ 60' OC (TYP) (SEE L2.2 FOR DETAILS)

CONTROL JOINT @ 10' OC (TYP) (SEE L2.2 FOR DETAILS)

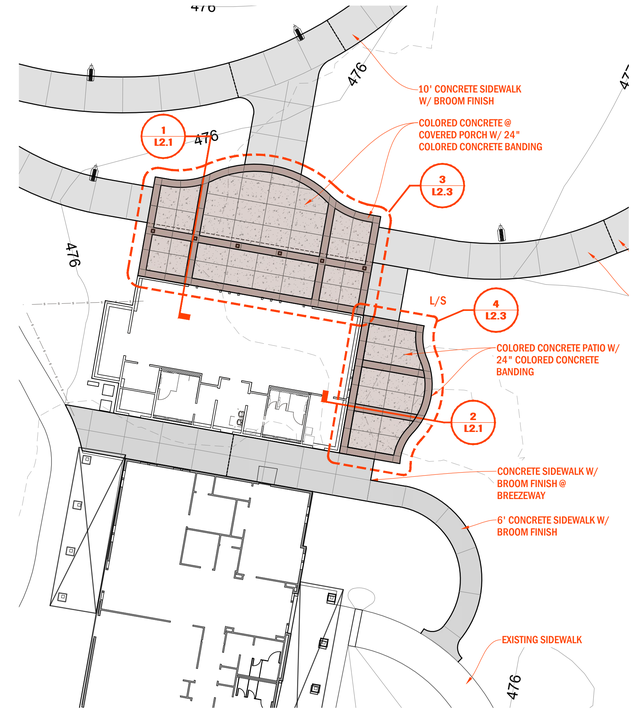
CONTROL JOINT @ 10' OC (TYP) (SEE L2.2 FOR DETAILS)

EXPANSION JOINT @ 60' OC (TYP) (SEE L2.2 FOR DETAILS)

ALTERNATE #1 SEE SHEET L1.1 & L1.3

L/S

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



1 ALTERNATE #1

SCALE: 1" = 20.00'

GENERAL NOTES:

1) PRIOR TO CONSTRUCTION AND INSTALLATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE INSPECTION IN ORDER TO ACQUAINT HIMSELF WITH EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION.

2) ALL WORK IN THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF ALABASTER'S GUIDELINES AND REQUIREMENTS.

3) THE GENERAL CONTRACTOR / LANDSCAPE CONTRACTOR SHALL MAKE THE NECESSARY MINOR ADJUSTMENTS DURING CONSTRUCTION AS WILL BEST FIT LOCAL CONDITIONS.

4) THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY THE STATE OF ALABAMA, ORDINANCES OF ALABASTER AND OTHER PERTINENT GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. AFTER COMPLETION OF WORK, CONTRACTOR SHALL VERIFY TO THE LANDSCAPE ARCHITECT BY CERTIFICATE OF FINAL INSPECTION AND APPROVAL FROM THE PROJECT (TBA) INSPECTOR(S), THAT THE INSTALLATION COMPLIES WITH ALL REGULATIONS GOVERNING SAME.

5) THE COST OF ALL ITEMS OF WORK SPECIFIED OR IMPLIED IN THESE PLANS BUT NOT COVERED IN THE BID SCHEDULE WILL BE INCLUDED IN THE UNIT PRICE LINE ITEMS THAT ARE IN THE BID SCHEDULE.

6) THE OWNER WILL ALLOW THE CONTRACTOR TO CREATE A STAGING AREA AT THE CONTRACTOR'S EXPENSE FOR THE PROJECT DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORATION OF THIS AREA TO THE ORIGINAL CONDITION.

UTILITY NOTES:

1) CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES AND THEIR LOCATIONS AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION.

2) THE CONTRACTOR SHALL CONTACT PUBLIC UTILITIES INSPECTIONS AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.

3) ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH LOCAL GOVERNING CODES.

4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION, MEANS, METHODS, TECHNIQUES, PROCEDURES UTILIZED, SAFETY OF PUBLIC AND CONTRACTOR'S EMPLOYEES AND IS RESPONSIBLE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

0' 10' 20' 40'

SCALE IN FEET: 1" = 20.00'

NORTH

TURNERBATSON

REBID ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

Forme

neil@formedesigngroup.com

662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: HARDSCAPE PLAN

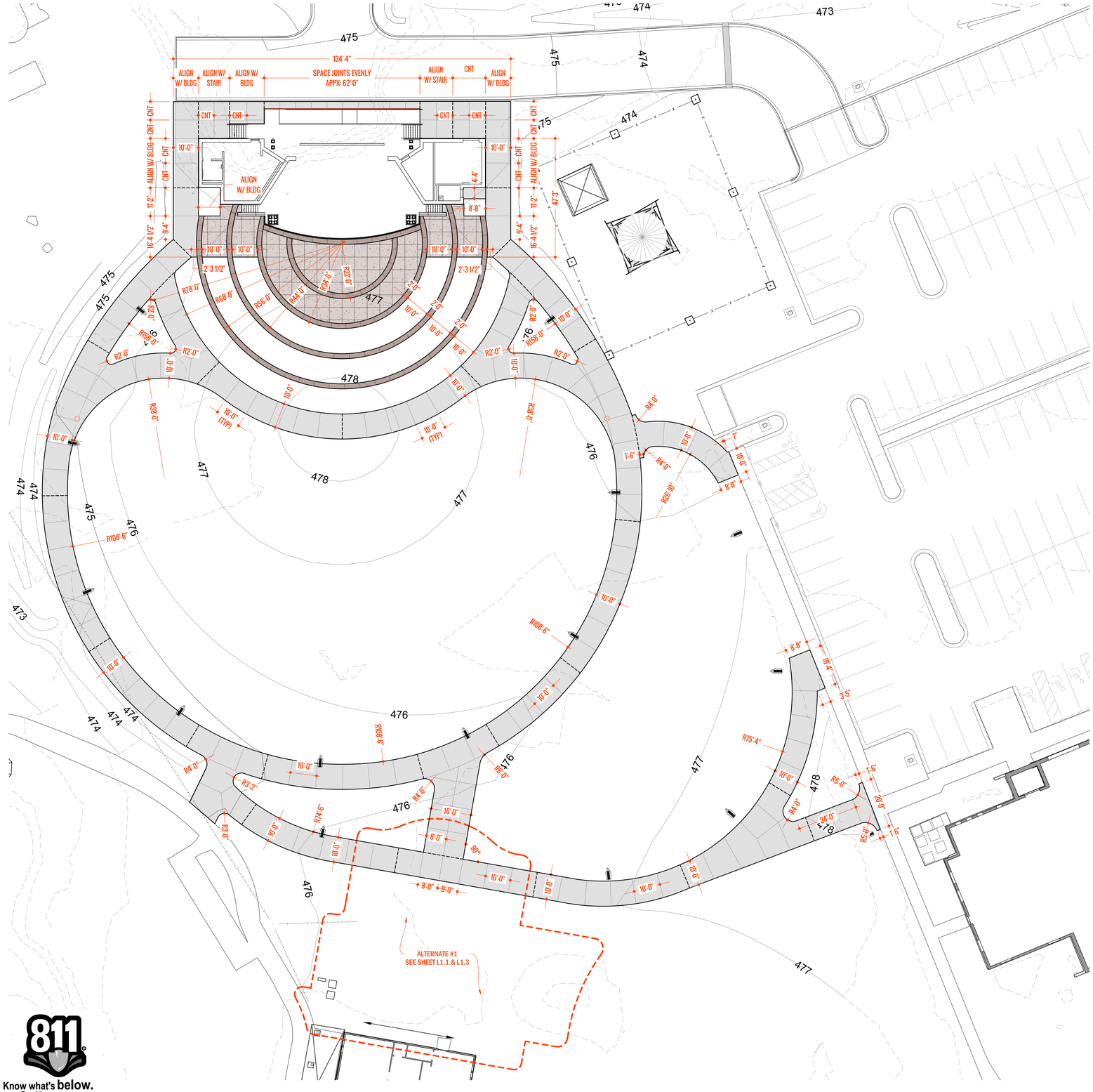
PROJECT NUMBER: 2904

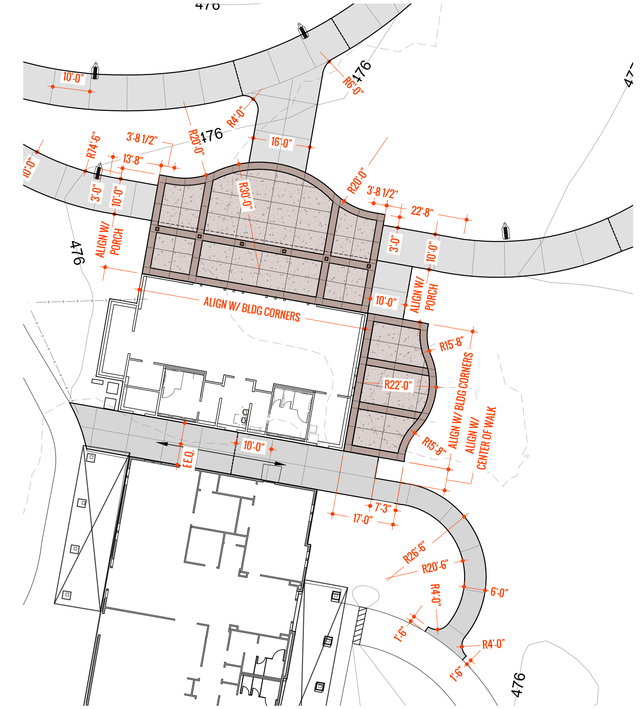
CHECKED BY: NC

ISSUE DATE: 10/27/2023

DRAWN BY: NC

L1.1





1 **ALTERNATE #1**

SCALE: 1" = 10.00'

LAYOUT NOTES:

1) ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED ON PLAN INCLUDING GRADING STAKES.

2) ALL HARDSCAPE ELEMENTS ARE TO BE STAKED IN FIELD BY CONTRACTOR FOR APPROVAL BY LANDSCAPE ARCHITECT BEFORE BEGINNING CONSTRUCTION. ALLOW 72 HOUR NOTICE. UNAPPROVED ELEMENTS ARE SUBJECT TO REMOVAL AT CONTRACTORS EXPENSE.

3) REFER TO DETAIL SHEETS FOR CONSTRUCTION MATERIALS, FINISHES AND DETAIL REFERENCES.

4) BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR WILL PREPARE SAMPLE PANELS OF ALL FINISHED MATERIALS SHOWN ON THE PLANS FOR APPROVAL BY THE OWNER.

5) ALL RADIUS DIMENSIONS GIVEN ARE TO FACE OF WALL OR WALK UNLESS OTHERWISE NOTED. (I.E., CENTERLINE)

6) CONTRACTOR SHALL LAYOUT EXPANSION JOINTS AND SCORE LINES FOR APPROVAL BY OWNER BEFORE PROCEEDING WITH WORK.

7) REFER TO SHEET L3.1 FOR LOCATIONS OF ALL SLEEVING AND VERIFY THEIR INSTALLATION PRIOR TO CONSTRUCTION.

8) THE CONTRACTOR SHALL PROVIDE SECURITY PERSONNEL AT ALL TIMES TO PROTECT WET CONCRETE FROM BEING VANDALIZED. ALL VANDALIZED CONCRETE WILL BE REMOVED AND REPLACED AT CONTRACTORS EXPENSE.

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

0' 10' 20' 40'

SCALE IN FEET: 1" = 20.00'

NORTH

TURNERBATSON

REBID **ALABASTER AMPHITHEATER**

ALABASTER, ALABAMA

Forme
neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

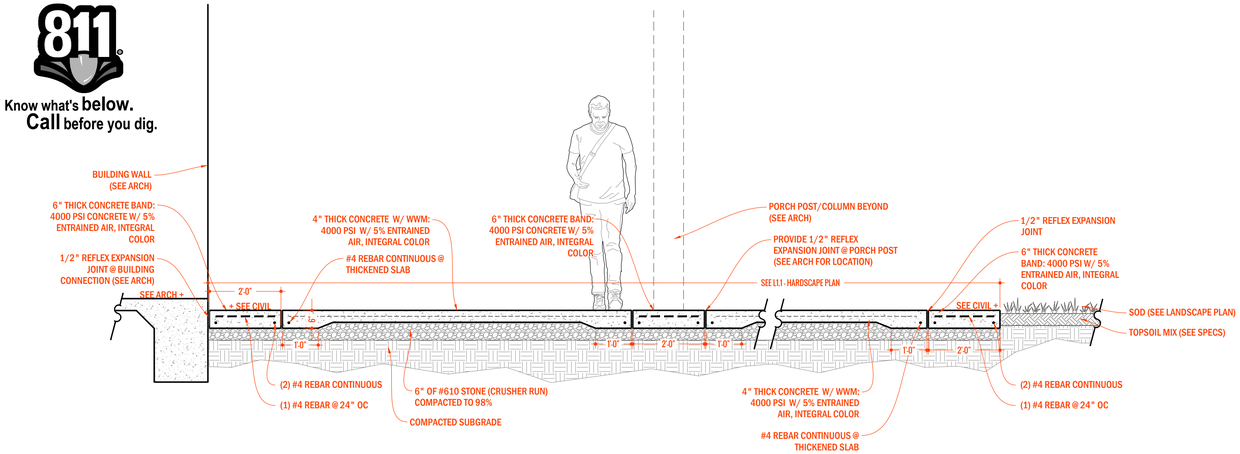
No	Date	Description

SHEET TITLE: HARDSCAPE LAYOUT PLAN

PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

L1.2

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

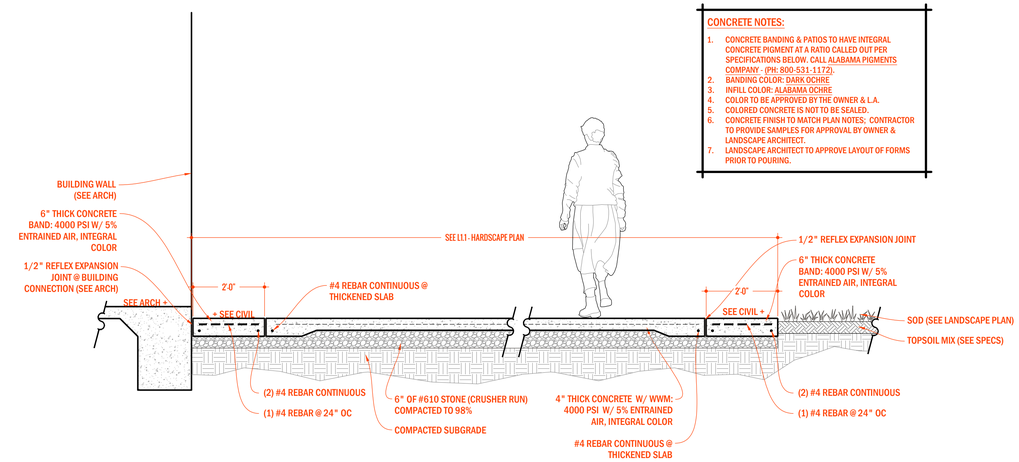


1 L2.1 CONCRETE PAVING AT PORCH

SCALE: 1/2" = 1'-0"

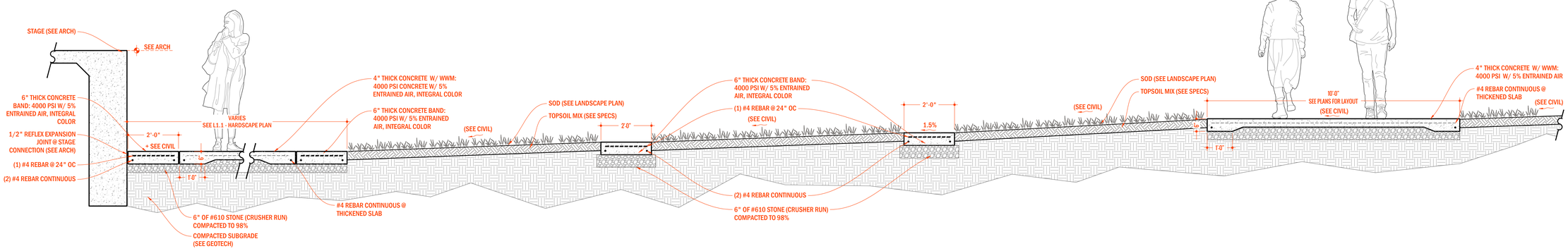
CONCRETE NOTES:

1. CONCRETE BANDING & PATIOS TO HAVE INTEGRAL CONCRETE PIGMENT AT A RATIO CALLED OUT PER SPECIFICATIONS BELOW. CALL ALABAMA PIGMENTS COMPANY - (PH: 800-531-1172).
2. BANDING COLOR: DARK OCHRE
3. INFILL COLOR: ALABAMA OCHRE
4. COLOR TO BE APPROVED BY THE OWNER & L.A.
5. COLORED CONCRETE IS NOT TO BE SEALED.
6. CONCRETE FINISH TO MATCH PLAN NOTES; CONTRACTOR TO PROVIDE SAMPLES FOR APPROVAL BY OWNER & LANDSCAPE ARCHITECT.
7. LANDSCAPE ARCHITECT TO APPROVE LAYOUT OF FORMS PRIOR TO POURING.



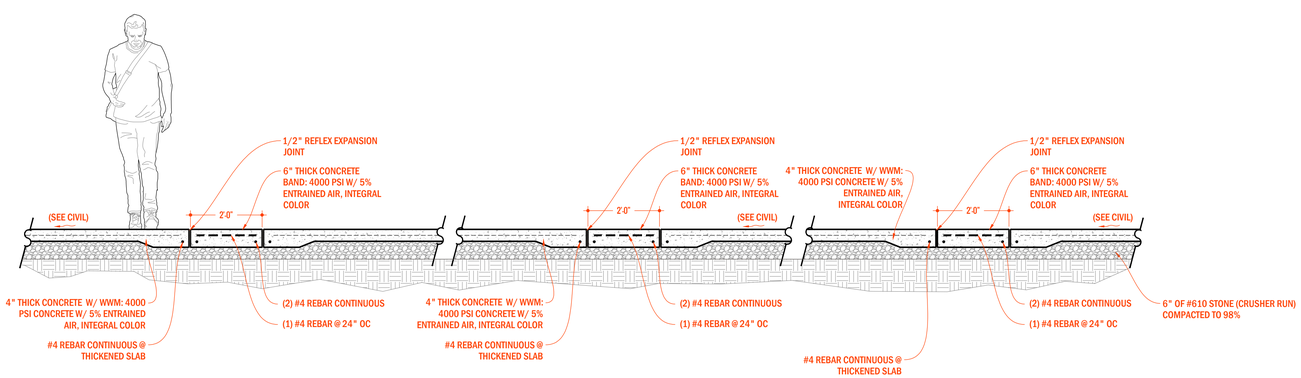
2 L2.1 CONCRETE PAVING AT CONCESSIONS

SCALE: 1/2" = 1'-0"



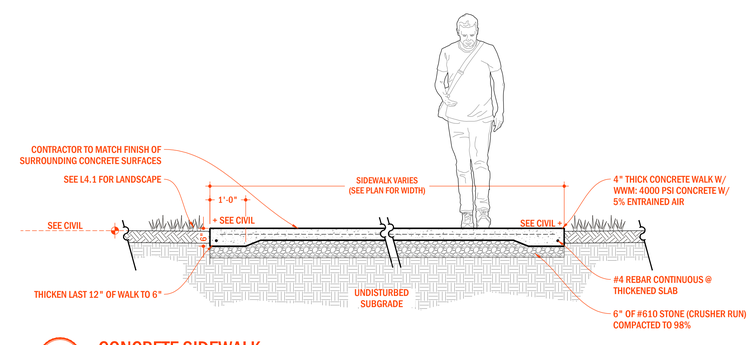
3 L2.1 CONCRETE PAVING & BANDING @ AMPHITHEATER

SCALE: 1/2" = 1'-0"



4 L2.1 CONCRETE SIDEWALK & ACCENT BANDING @ STAGE

SCALE: NTS



5 L2.1 CONCRETE SIDEWALK

SCALE: 1/2" = 1'-0"

0' 1'-0" 2'-0" 4'-0"

SCALE: 1/2" = 1'-0"

TURNERBATSON

REBID **ALABASTER AMPHITHEATER**

ALABASTER, ALABAMA

Forme

neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

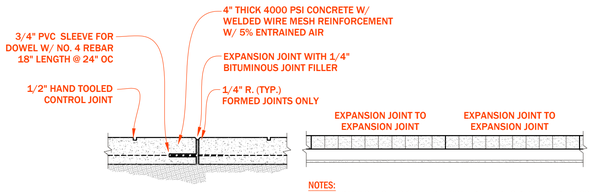
REVISIONS:

No	Date	Description

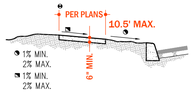
SHEET TITLE: HARDSCAPE DETAILS

PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

L2.1



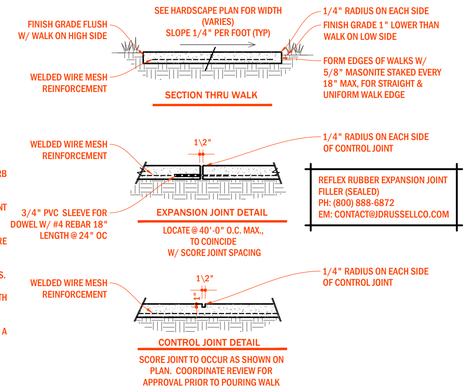
EXPANSION AND SCORED JOINT DETAIL



TYPICAL SECTION

NOTES:

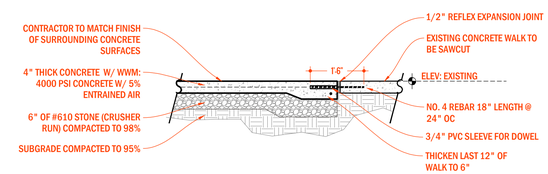
1. EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
2. ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
3. 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT A SPACING THAT MATCHES THE SCORE JOINTS ON PLAN.
4. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" (6mm) RADIUS.
5. SCORED JOINTS SHALL BE 1/4" DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
6. CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWEL OR BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
7. 1/4" DEEP SCORED JOINTS (TYP) SPACED EQUAL TO SIDEWALK WIDTH.



1 / L2.2 TYPICAL SIDEWALK & PAVEMENT DETAILS

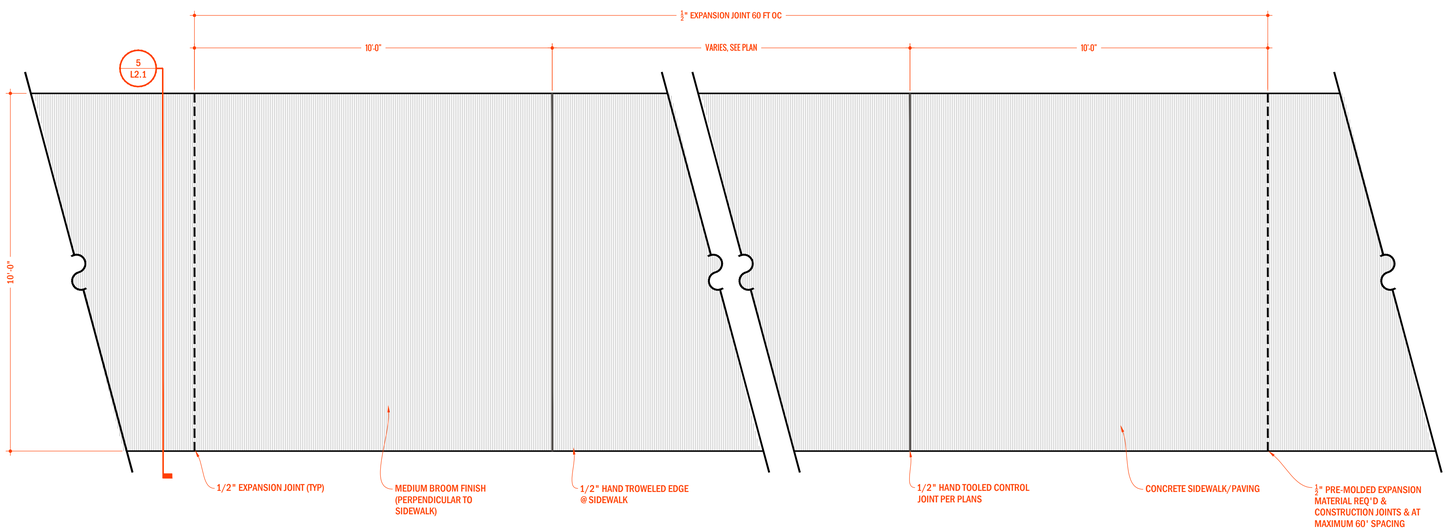
SCALE: NTS

EXISTING CONDITIONS NOTE:
CONTRACTOR TO VERIFY EXISTING SIDEWALK CONDITIONS PRIOR TO DOWELING INTO CONCRETE.



2 / L2.2 NEW CONCRETE WALK @ EXISTING SIDEWALK

SCALE: 1/2" = 1'-0"



3 / L2.2 CONCRETE SIDEWALK

SCALE: NTS

0' 1'-0" 2'-0" 4'-0"

SCALE: 1/2" = 1'-0"

Know what's below. Call before you dig.

TURNERBATSON

REBID **ALABASTER AMPHITHEATER**

ALABASTER, ALABAMA

Forme
neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

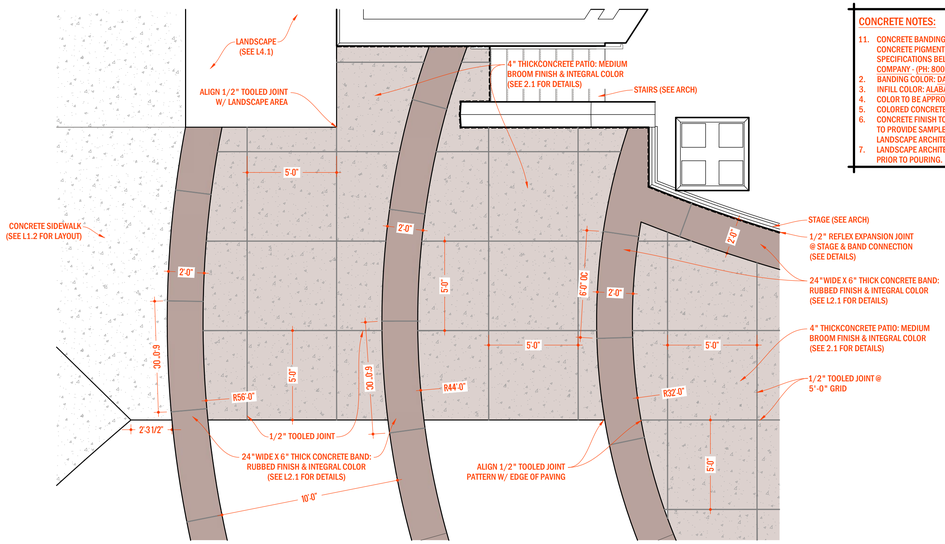
SHEET TITLE: HARDSCAPE DETAILS

PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

L2.2

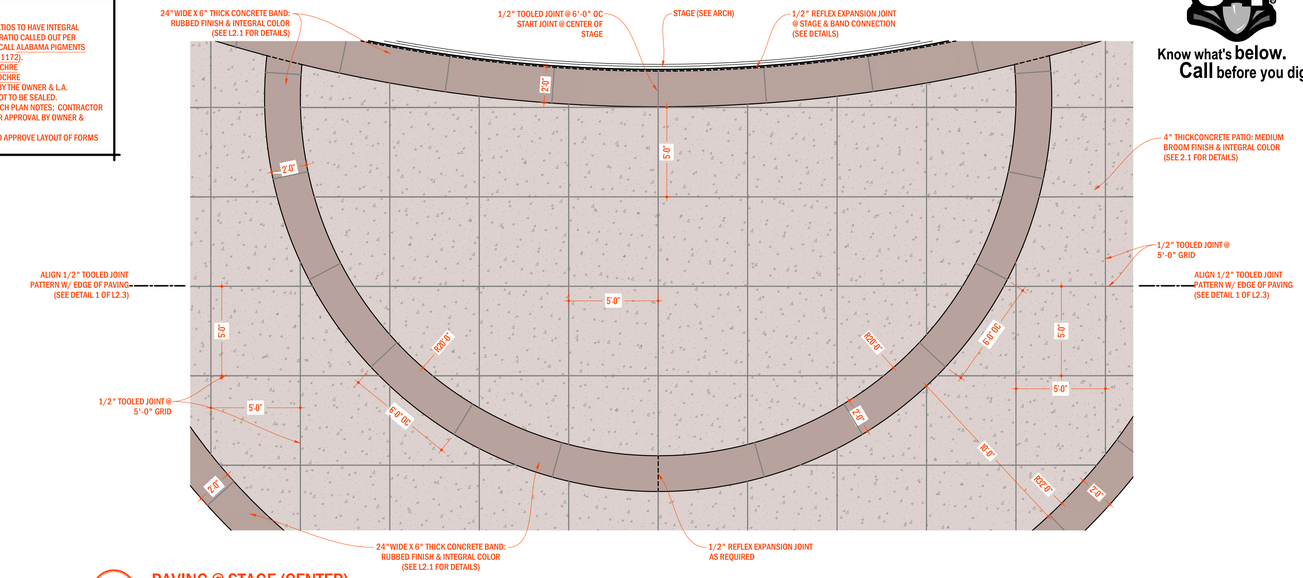
CONCRETE NOTES:

11. CONCRETE BANDING & PATIOS TO HAVE INTEGRAL CONCRETE PIGMENT AT A RATIO CALLED OUT PER SPECIFICATIONS BELOW. CALL ALABAMA PIGMENTS COMPANY - (PH: 800-531-1172).
2. BANDING COLOR: DARK OCHRE
3. INFILL COLOR: ALABAMA OCHRE
4. COLOR TO BE APPROVED BY THE OWNER & L.A.
5. COLORED CONCRETE IS NOT TO BE SEALED.
6. CONCRETE FINISH TO MATCH PLAN NOTES. CONTRACTOR TO PROVIDE SAMPLES FOR APPROVAL BY OWNER & LANDSCAPE ARCHITECT.
7. LANDSCAPE ARCHITECT TO APPROVE LAYOUT OF FORMS PRIOR TO POURING.



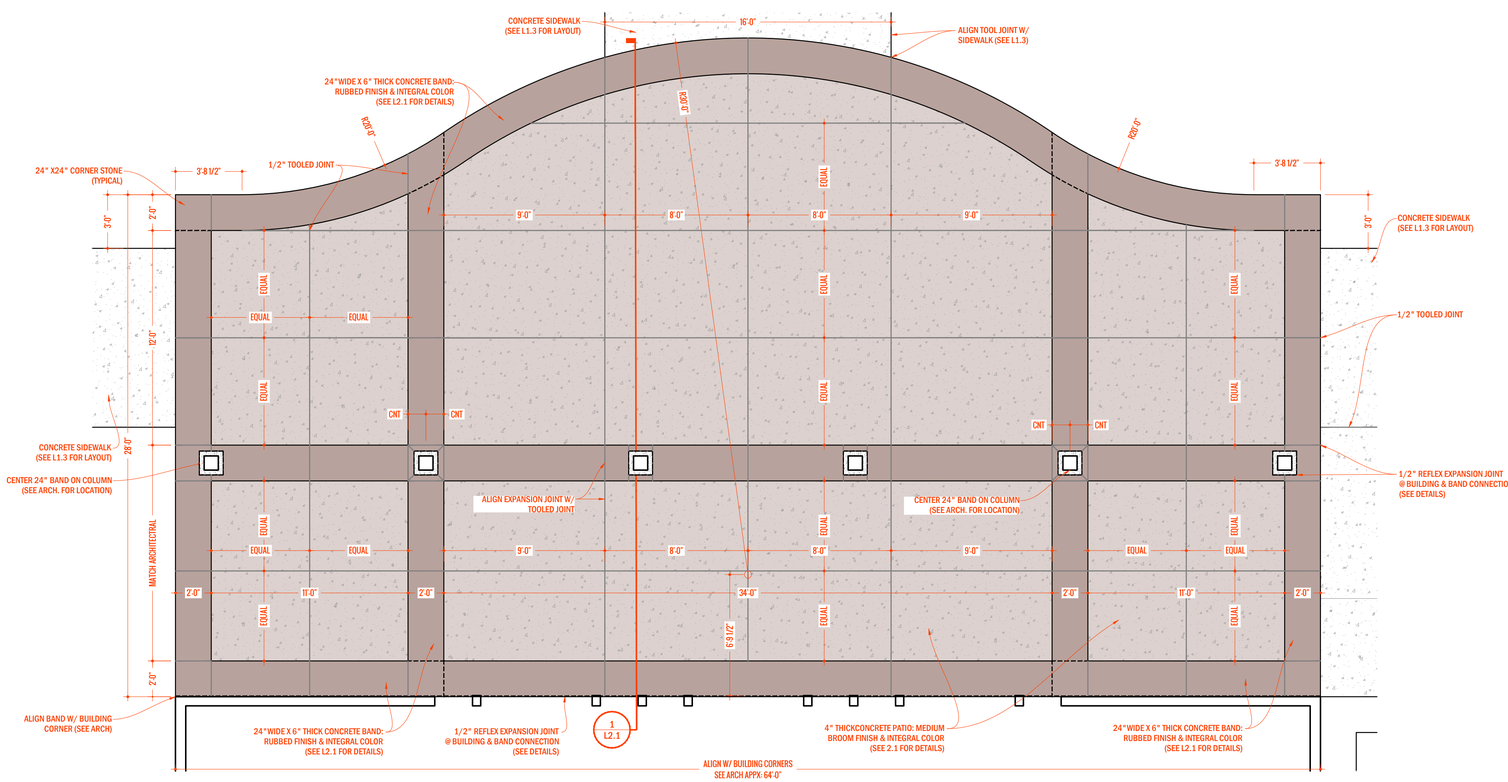
1 L2.3 PAVING @ STAGE LEFT (MIRROR STAGE RIGHT)

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



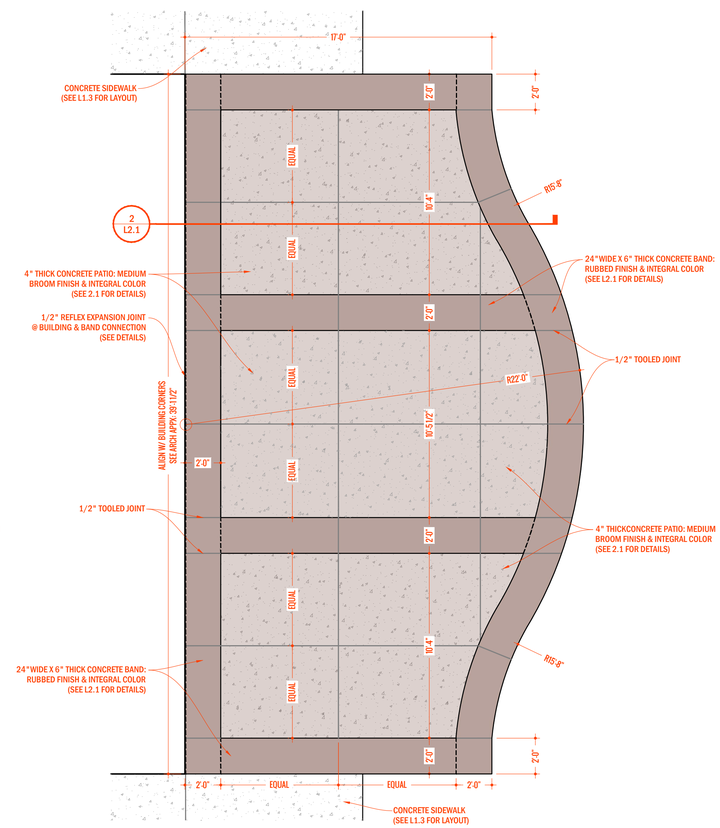
2 L2.3 PAVING @ STAGE (CENTER)

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



3 L2.3 ALTERNATE #1: PAVING @ PORCH

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



4 L2.3 ALTERNATE#1: PAVING @ CONCESSIONS

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

0' 2'-0" 4'-0" 8'-0"

SCALE IN FEET: 1/4" = 1'-0"

Know what's below. Call before you dig.

TURNERBATSON

REBID ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

Forme

neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 824
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

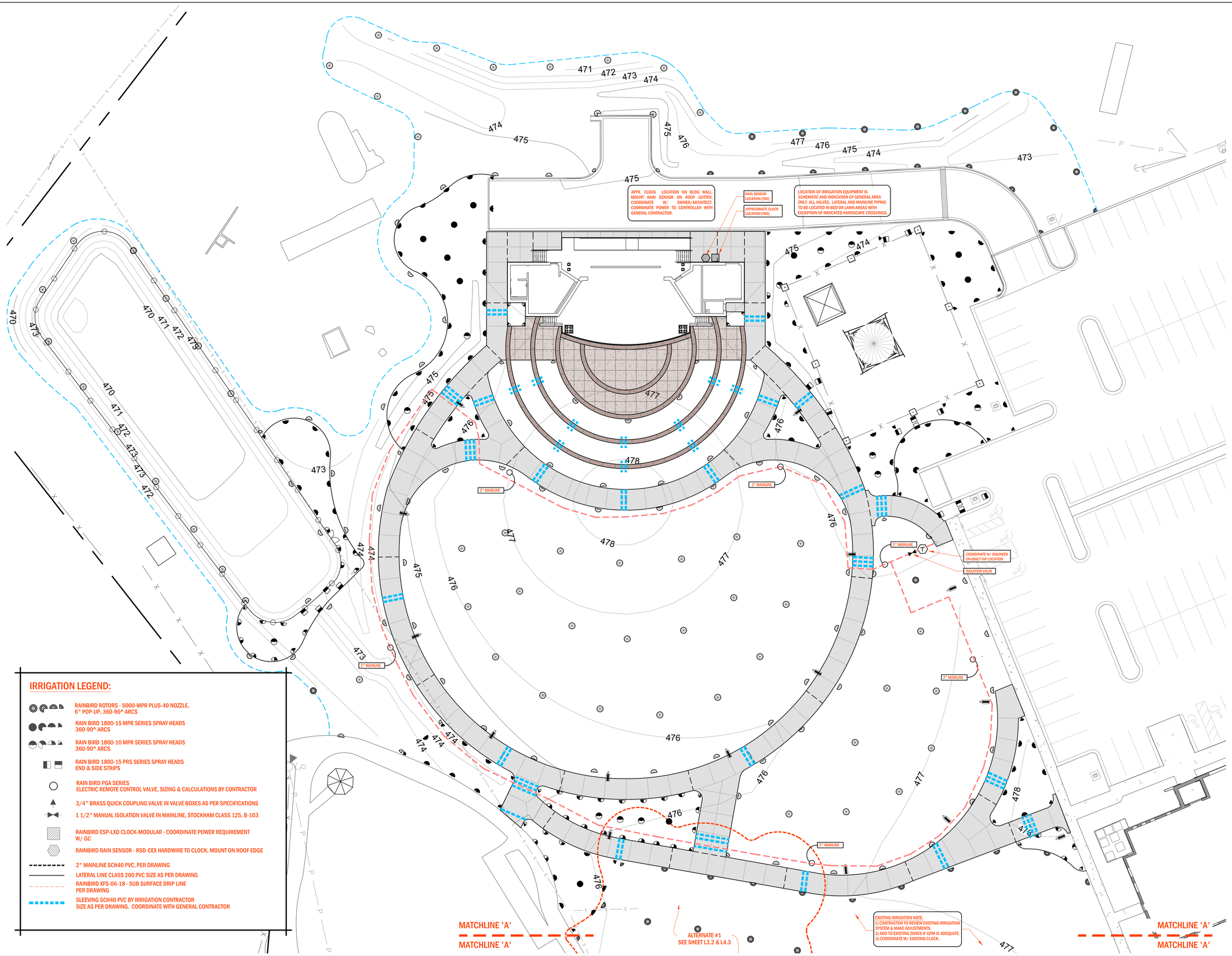
REVISIONS:

No	Date	Description

SHEET TITLE: HARDSCAPE DETAILS

PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

L2.3



IRRIGATION LEGEND:

- RAINBIRD ROTORS - 5000-MPR PLUS-40 NOZZLE, 6" POP-UP, 360-90^ ARCS
- RAIN BIRD 1800-15 MPR SERIES SPRAY HEADS 360-90^ ARCS
- RAIN BIRD 1800-10 MPR SERIES SPRAY HEADS 360-90^ ARCS
- RAIN BIRD 1800-15 PRS SERIES SPRAY HEADS END & SIDE STRIPS
- RAIN BIRD PGA SERIES ELECTRIC REMOTE CONTROL VALVE, SIZING & CALCULATIONS BY CONTRACTOR
- 3/4" BRASS QUICK COUPLING VALVE IN VALVE BOXES AS PER SPECIFICATIONS
- 1 1/2" MANUAL ISOLATION VALVE IN MAINLINE, STOCKHAM CLASS 125, B-103
- RAINBIRD ESP-LXD CLOCK-MODULAR - COORDINATE POWER REQUIREMENT W/ GC
- RAINBIRD RAIN SENSOR - RSD-CEX HARDWIRE TO CLOCK, MOUNT ON ROOF EDGE
- 2" MAINLINE SCH40 PVC, PER DRAWING
- LATERAL LINE CLASS 200 PVC SIZE AS PER DRAWING
- RAINBIRD XFS-06-18 - SUB SURFACE DRIP LINE PER DRAWING
- SLEEVING SCH40 PVC BY IRRIGATION CONTRACTOR SIZE AS PER DRAWING. COORDINATE WITH GENERAL CONTRACTOR

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

TURNERBATSON

REBID ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

Forme
neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

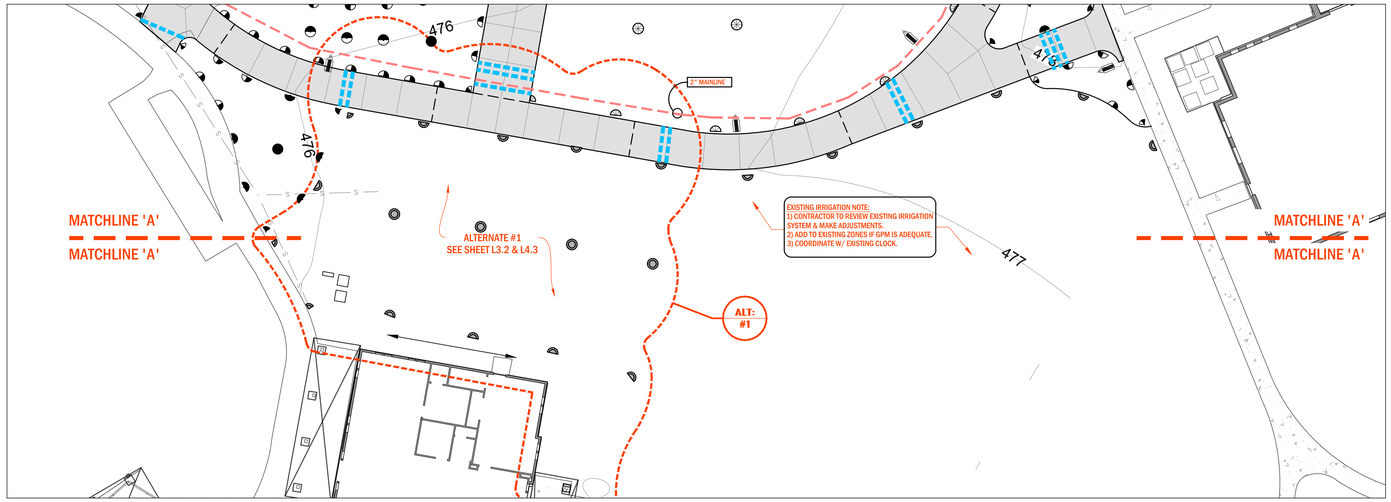
REVISIONS:

No	Date	Description

SHEET TITLE: OVERALL IRRIGATION PLAN

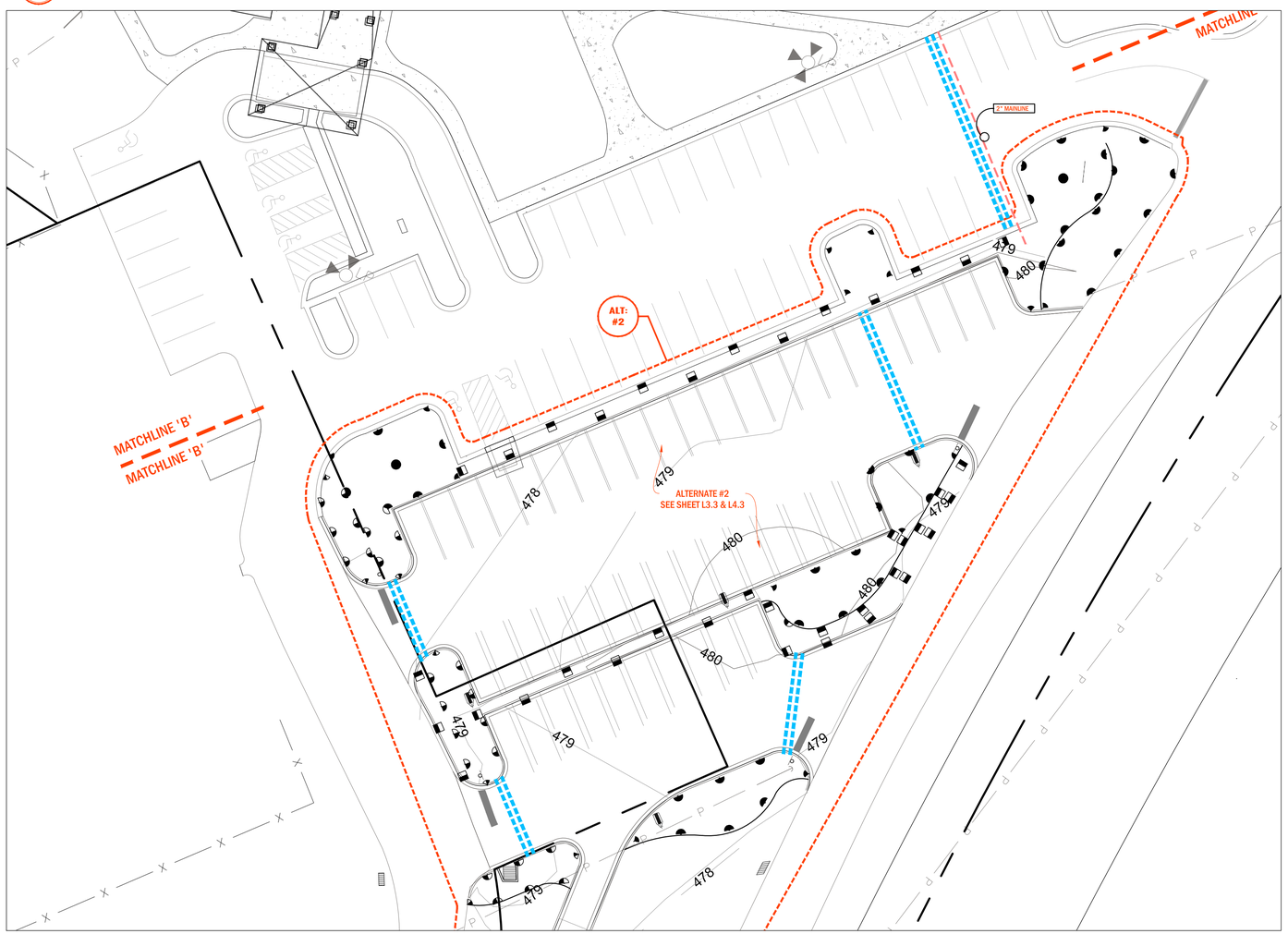
PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

L3.1



1 BASE BID IRRIGATION

SCALE: 1" = 20.00'



3 ALTERNATE #2

SCALE: 1" = 20.00'

2 ALTERNATE #1

SCALE: 1" = 20.00'

IRRIGATION LEGEND:

- RAINBIRD ROTORS - 5000-MPR PLUS-40 NOZZLE, 6" POP-UP, 360-90^ ARCS
- RAIN BIRD 1800-15 MPR SERIES SPRAY HEADS 360-90^ ARCS
- RAIN BIRD 1800-10 MPR SERIES SPRAY HEADS 360-90^ ARCS
- RAIN BIRD 1800-15 PRS SERIES SPRAY HEADS END & SIDE STRIPS
- RAIN BIRD PGA SERIES ELECTRIC REMOTE CONTROL VALVE, SIZING & CALCULATIONS BY CONTRACTOR
- 3/4" BRASS QUICK COUPLING VALVE IN VALVE BOXES AS PER SPECIFICATIONS
- 1 1/2" MANUAL ISOLATION VALVE IN MAINLINE, STOCKHAM CLASS 125, B-103
- RAINBIRD ESP-LXD CLOCK-MODULAR - COORDINATE POWER REQUIREMENT W/ GC
- RAINBIRD RAIN SENSOR - RSD-CEX HARDWIRE TO CLOCK, MOUNT ON ROOF EDGE
- 2" MAINLINE SCH40 PVC, PER DRAWING - LAYOUT BY CONTRACTOR
- LATERAL LINE CLASS 200 PVC SIZE AS PER DRAWING - LAYOUT BY CONTRACTOR
- RAINBIRD XFS-06-18 - SUB SURFACE DRIP LINE CALCULATIONS BY CONTRACTOR
- SLEEVING SCH40 PVC BY IRRIGATION CONTRACTOR SIZE AS PER DRAWING. COORDINATE WITH GENERAL CONTRACTOR

ALTERNATE #1 IRRIGATION NOTE:

1) CONTRACTOR TO BREAKOUT IRRIGATION ITEMS NOTED IN THE PLAN AS ALTERNATE #1 AS PART OF ALTERNATE #1 LINE ITEM.

ALTERNATE #2 IRRIGATION NOTE:

1) CONTRACTOR TO BREAKOUT IRRIGATION ITEMS NOTED IN THE PLAN AS ALTERNATE #2 AS PART OF ALTERNATE #2 LINE ITEM.

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

NORTH

0' 10' 20' 40'

SCALE IN FEET: 1" = 20.00'

TURNERBATSON

REBID ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

Forme
neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

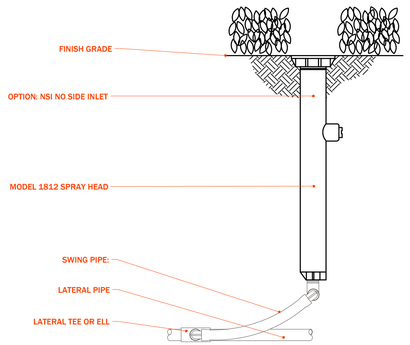
REVISIONS:

No	Date	Description

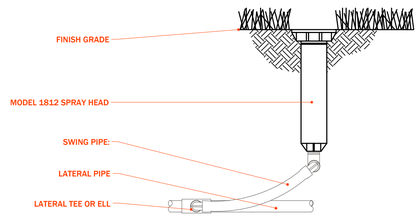
SHEET TITLE: IRRIGATION PLAN BASE BID, ALTERNATE #1, & #2

PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

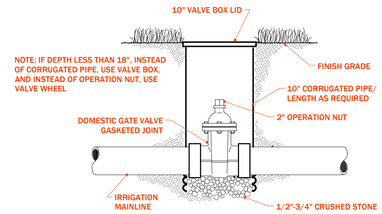
L3.2



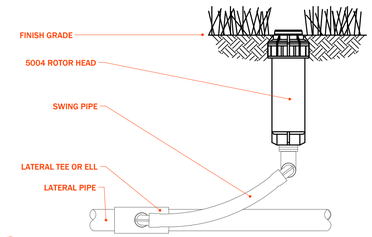
1 SHRUB SPRAY DETAIL
SCALE: NTS



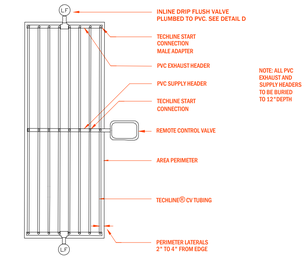
2 LAWN SPRAY DETAIL
SCALE: NTS



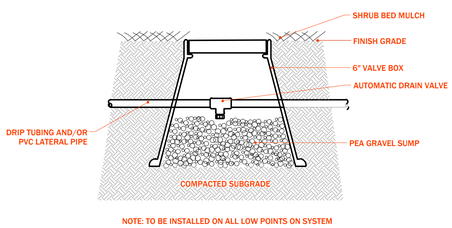
3 ISOLATION VALVE DETAIL
SCALE: NTS



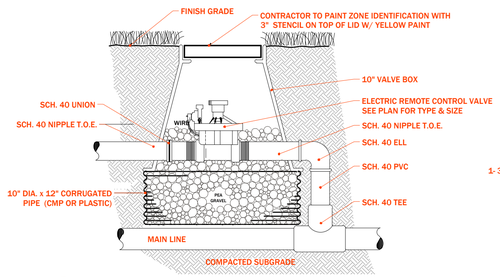
4 ROTOR DETAIL
SCALE: NTS



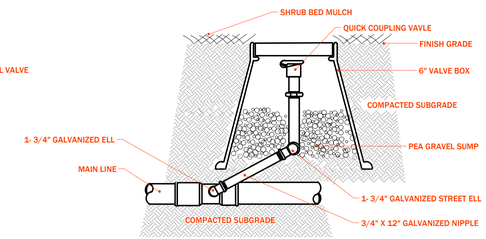
5 INLINE DRIP CENTER FEED LAYOUT
SCALE: NTS



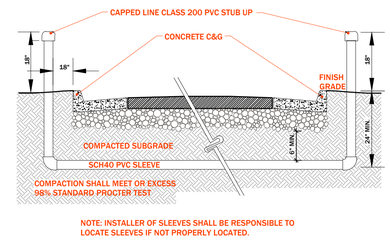
6 AUTOMATIC DRAIN VALVE DETAIL
SCALE: NTS



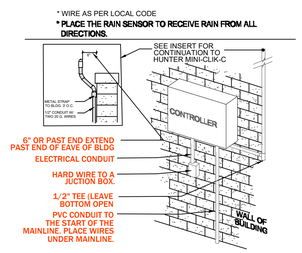
7 CONTROL VALVE DETAIL
SCALE: NTS



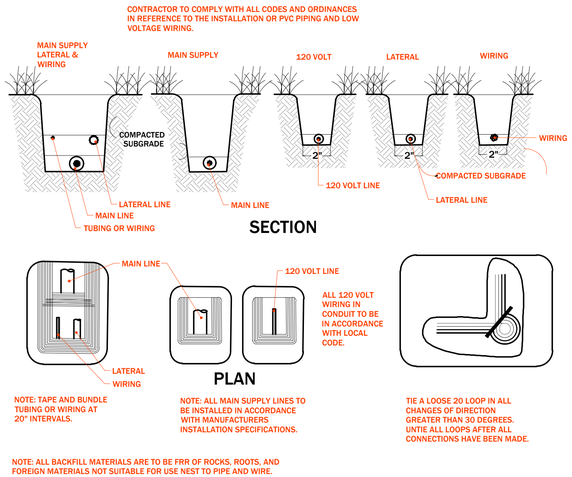
8 QUICK COUPLING VALVE DETAIL
SCALE: NTS



9 SLEEVING DETAIL
SCALE: NTS



10 CONTROLLER DETAIL
SCALE: NTS



11 TRENCHING DETAIL
SCALE: NTS

IRRIGATION NOTES:

1) IRRIGATION DESIGNED TO PROVIDE SEPERATION BETWEEN LAWN AND SHRUB ZONES WHERE POSSIBLE. CONTRACTOR IS NOT TO CHANGE ZONE SEPERATION FROM PLANS UNLESS PRIOR APPROVAL IS MADE.
2) COORDINATE WITH LANDSCAPE ARCHITECT
3) DRAWING IS DIAGRAMMATIC, ALL LINES TO BE PLACED BACK OF CURB
4) ALL HEADS PLACED IN SHRUB BEDS WILL HAVE 12" POP-UPS UNLESS OTHERWISE NOTED
5) THERE IS TO BE (2) 4" PVC SLEEVES EACH TIME MAINLINE CROSSES HARDSCAPE
6) THERE IS TO BE (1) 4" PVC SLEEVE WHEN THE LATERAL LINE CROSSES HARDSCAPE
7) ALL EQUIPMENT REQUIRED BUT NOT SPECIFIED ON THE DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR.
8) IRRIGATION CONTRACTOR TO TEST WATER CONDITIONS AS THEY EXIST TO VERIFY REQUIRED PRESSURE EXISTS
9) MATCH PRECIPITATION RATES ON EXISTING SYSTEM.
10) ALL WORK MUST COMPLY WITH LOCAL CODES AND INDUSTRY STANDARDS.
11) NO ELECTRICAL CONNECTIONS SHALL BE MADE IN THE FIELD EXCEPT AT A VALVE CONTROL BOX OR ANOTHER VALVE BOX SPECIFICALLY FOR CONNECTIONS
12) ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET MUST BE REFERRED TO THE IRRIGATION CONSULTANT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PRECEDING WITH THE WORK.
13) ALL 24 VOLT WIRE SHALL BE #12 UF/UL FOR COMMON WIRE, AND #14 UF/UL FOR CONTROL WIRES, DIRECT BURIAL, SOLID COPPER.
14) CONTRACTOR TO BE RESPONSIBLE FOR PROPER COVERAGE OF AREAS TO BE WATERED. I.E. ADJUST HEADS WITH INSUFFICIENT COVERAGE DUE TO BLOCKAGE BY EXISTING OR PROPOSED SITE FEATURES
15) CONTRACTOR TO REFER TO LANDSCAPE PLAN TO KEEP SPRINKLER EQUIPMENT AND ACCESSORY MATERIAL FROM INTERFERING WITH PROPER PLANTING, I.E. VERIFY ROOTBALL SIZE FOR PLANTING.
16) CONTRACTOR SHALL PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 3/4" PIPE 12 TIMES).
17) CONTRACTOR TO UTILIZE APPROPRIATE AUTOMATIC DRAIN DEVICE CONTRACTOR TO UTILIZE APPROPRIATE AUTOMATIC DRAIN DEVICE
18) CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE.
19) LATERAL LINES SHALL BE INSTALLED 2' FROM BACK OF CURB WHERE POSSIBLE.
20) THE CONTRACTOR SHALL ADJUST THE RADIUS AND ARC OF EACH HEAD TO MINIMIZE "OVERTHROW" AND TO ELIMINATE "DRY SPOTS".
21) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ADDITIONAL HEADS NEEDED TO COVER "DRY SPOTS" OR SLIGHT VARIATIONS FROM THE PLAN TO THE SITE UP TO FIVE % OF SPECIFIED HEAD TYPE. THE LOCATION AND ARRANGEMENT OF THESE HEADS SHALL BE SUBJECT TO THE APPROVAL BY THE LANDSCAPE ARCHITECT.

22) DO NOT MAKE SUBSTITUTIONS: IF CONTRACTOR DESIRES TO MAKE SUBSTITUTIONS OF MATERIALS; SUFFICIENT DESCRIPTIVE LITERATURE AND MATERIAL SAMPLES MUST BE FURNISHED TO ESTABLISH THE MATERIAL AS AN EQUAL SUBSTITUTE. IN ADDITION, THE CONTRACTOR MUST STATE HIS REASONS FOR DESIRING SUBSTITUTE MATERIALS. SUBMIT THIS REQUEST AND INFORMATION TO THE LANDSCAPE ARCHITECT.

23) THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THERE ARE OTHER ACTIVE UTILITIES AND SERVICES IN AND AROUND THE SITE. CONTRACTOR IS RESPONSIBLE FOR LOCATING THESE TO AVOID DAMAGE TO

24) THE CONTRACTOR SHALL MAKE ANY NECESSARY ADJUSTMENTS IN THE PROPOSED IRRIGATION SYSTEM TO AVOID DAMAGE TO EXISTING STRUCTURES, PAVING, AND UTILITIES.

25) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ON-SITE UTILITIES, STRUCTURES, OR PAVING RESULTING FROM IRRIGATION CONSTRUCTION.

26) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMING TO ALL CODES AND ORDINANCES RELEVANT TO THE WORK UNDER THIS CONTRACT.

27) ALL WORK, ADJUSTMENETS, AND INSPECTIONS SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT.

28) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS AND LABOR TO FULLY EXECUATE AND GUARANTEE, AS REQUIRED, THE TOTAL WORK SHOWN ON THIS PLAN IN ACCORDANCE WITH SPECIFICATIONS, AND ALSO AS PER INSTRUCTIONS OF THE LANDSCAPE ARCHITECT AND THE OWNER.

29) THE CONTRACTOR SHALL VERIFY ALL QUANTITIES TO ASSURE ADEQUATE INSTALLATION OF THE SYSTEM.

30) ALL MAINLINES SHALL BE INSTALLED AT A MINIMUM OF 18" DEEP AND ALL LATERAL LINES SHALL BE INSTALLED AT A MINIMUM OF 12" DEEP.

31) ACTUAL HEAD PLACEMENT IN PARKING LOT ISLANDS IS TO BE 18" FROM BACK OF CURB FOR SHRUB PLANTINGS AND 6" FROM BACK OF CURB FOR LAWNS.

32) THE ENTIRE SYSTEM SHALL BE UNCONDITIONALLY GUARANTEED BY THE IRRIGATION CONTRACTOR AGAINST ALL DEFECTIVE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL ACCEPTANCE.

SLEEVING NOTES:

1. THE LOCATIONS OF SLEEVES, AS SHOWN ON THIS PLAN, ARE SCHEMATIC. THE CONTRACTOR SHALL MAKE ANY ADJUSTMENT NECESSARY TO ACCOMMODATE EXISTING VEGETATION, UTILITIES, NATURAL BARRIERS OR OTHER MAJOR CONSTRUCTION.
2. ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, OR OTHER CONSTRUCTION RESULTING FROM INSTALLATION OF SLEEVES IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. WHERE A JOINT BETWEEN PIPE SECTIONS IS NECESSARY, THE INSIDE DIAMETER OF THE PIPE SHALL NOT BE SIGNIFICANTLY REDUCED.
4. P.V.C. SLEEVES SHALL BE INSTALLED AT A DEPTH OF AT LEAST 18" BELOW PAVEMENT SURFACE, AND NO DEEPER THAN 24". END OF SLEEVE SHALL EXTEND 12" BEYOND CURB OR PAVEMENT EDGE.
5. BACKFILL MATERIAL PLACED AROUND THE SLEEVES SHALL BE FREE OF ROCKS OR OTHER FOREIGN MATTER THAT MAY CAUSE DAMAGE TO THE PIPE.
6. THE CONTRACTOR SHALL INSTALL A P.V.C. STUB THAT IS AT LEAST 18" ABOVE GRADE AT EACH END OF THE SLEEVE TO MARK ITS EXACT LOCATION. IRRIGATION SLEEVES SHALL BE INDICATED WITH BLUE RIBBON. ELECTRICAL SLEEVES SHALL BE INDICATED WITH ORANGE RIBBON. SEE SLEEVING DETAIL ON SHEET L3.2.
7. ONCE THE SLEEVE IS INSTALLED, THE CONTRACTOR SHALL INSTALL A TEMPORARY CAP ON EACH END OF THE PIPE ACCORDING TO THE DETAIL TO PREVENT SOIL OR OTHER DEBRIS FROM ENTERING THE PIPE.
8. ALL MODIFICATIONS OF THIS PLAN ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT.
9. THE CONTRACTOR SHALL SUPPLY THE LANDSCAPE ARCHITECT WITH AN "AS-BUILT" PLAN OF THE LOCATION OF ALL SLEEVES PRIOR TO ACCEPTANCE OF WORK.
10. SLEEVES ARE 4" UNLESS OTHERWISE NOTED ON PLAN.
11. ALL SLEEVES SHALL BE SCH40 P.V.C. PIPE.

IRRIGATION PLAN NOTES:

1) IRRIGATION CONTRACTOR TO PROVIDE DESIGN BUILD SYSTEM BASED ON IRRIGATION HEAD LAYOUT PROVIDED.
2) SLEEVING PROVIDED FOR COORDINATION. BASED ON CONTRACTOR IRRIGATION ZONES, PROVIDE ADDITIONAL SLEEVING AS REQUIRED.
3) IRRIGATION IS DESIGNED TO PROVIDE SEPARATION BETWEEN SOD AND PLANTINGS; CONTRACTOR IS NOT TO CHANGE ZONE SEPARATION FROM PLANS UNLESS PRIOR APPROVAL IS MADE.
4) SUBMIT PROPOSED LAYOUT, PIPE SIZING & CALCULATIONS FOR APPROVAL BY THE LANDSCAPE ARCHITECT.
5) ALL PRODUCTS SHALL BE PER PLANS AND SPECIFICATIONS.
6) MAINLINE IS TO BE LOOPED PER PLANS, ADDITIONAL MAINLINE MAY BE ADDED BASED ON ZONE REQUIREMENTS.
7) LANDSCAPE CONTRACTOR IS RESPONSIBLE TO PROVIDE A FULL OPERATION IRRIGATION SYSTEM AT TIME OF COMPLETION.
8) LANDSCAPE CONTRACTOR TO CLEAN OUT EXISTING VALVE BOXES, REPLACE NECESSARY VALVES & RE-WIRE AS NEEDED FOR FULLY OPERATION SYSTEM.
9) EXCEPT FOR OBVIOUS CROSSINGS, PIPE IS IN PAVING USE VARIABLE ARC SPRAY HEADS WHEN NECESSARY OR OUTSIDE OF PROPERTY LINE FOR GRAPHIC CLARITY ONLY.
10) ALL WORK SHALL BE DONE WITH IN PROPERTY LINES.
11) CONTRACTOR SHALL INSTALL AUTOMATIC DRAIN VALVES AT ALL LOW POINTS IN SYSTEM.
12) ALL HEADS IN SHRUB BEDS SHALL BE INSTALLED ON 12" RISERS.

TURNERBATSON

REBID ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

Forme

neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

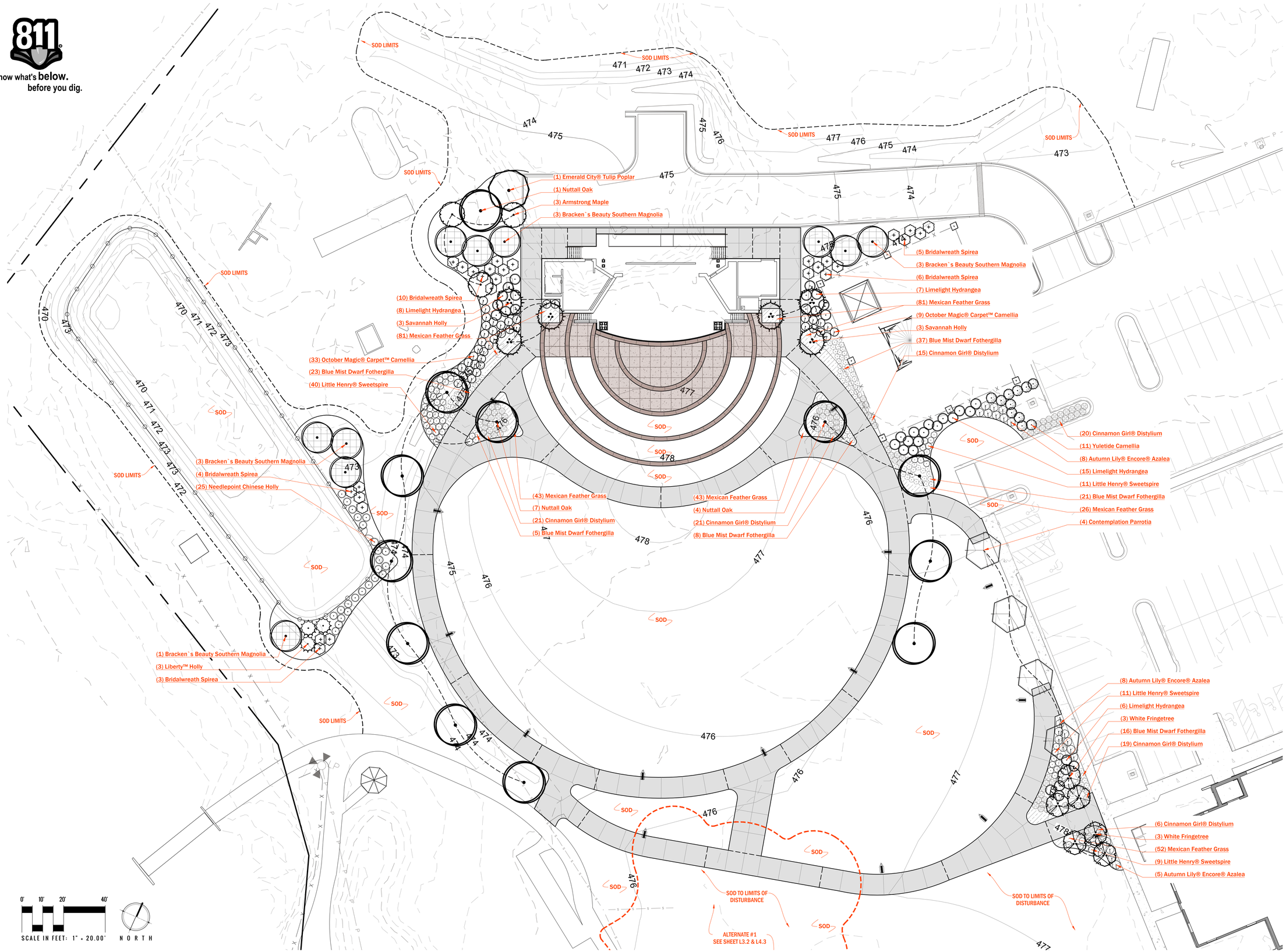
No	Date	Description

SHEET TITLE: IRRIGATION NOTES & DETAILS

PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

L3.3

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



TURNERBATSON

REBID ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

Forme

neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

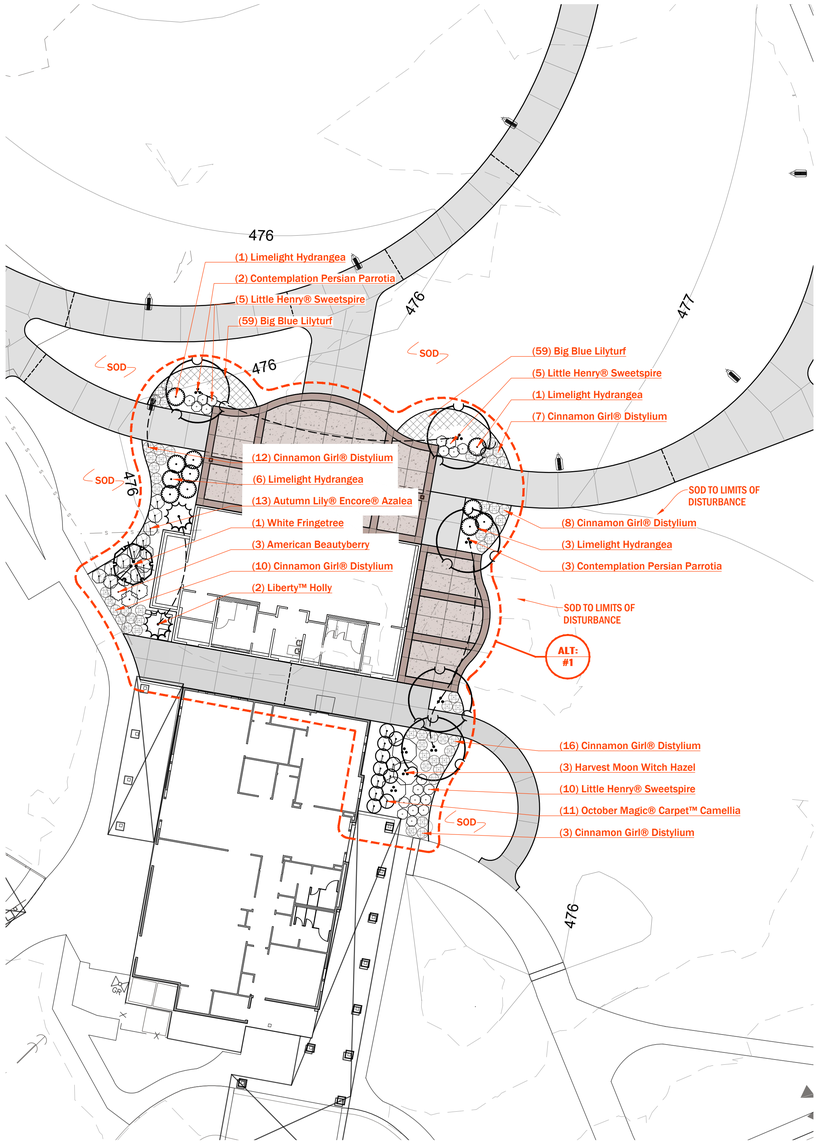
REVISIONS:

No	Date	Description

SHEET TITLE: LANDSCAPE PLAN

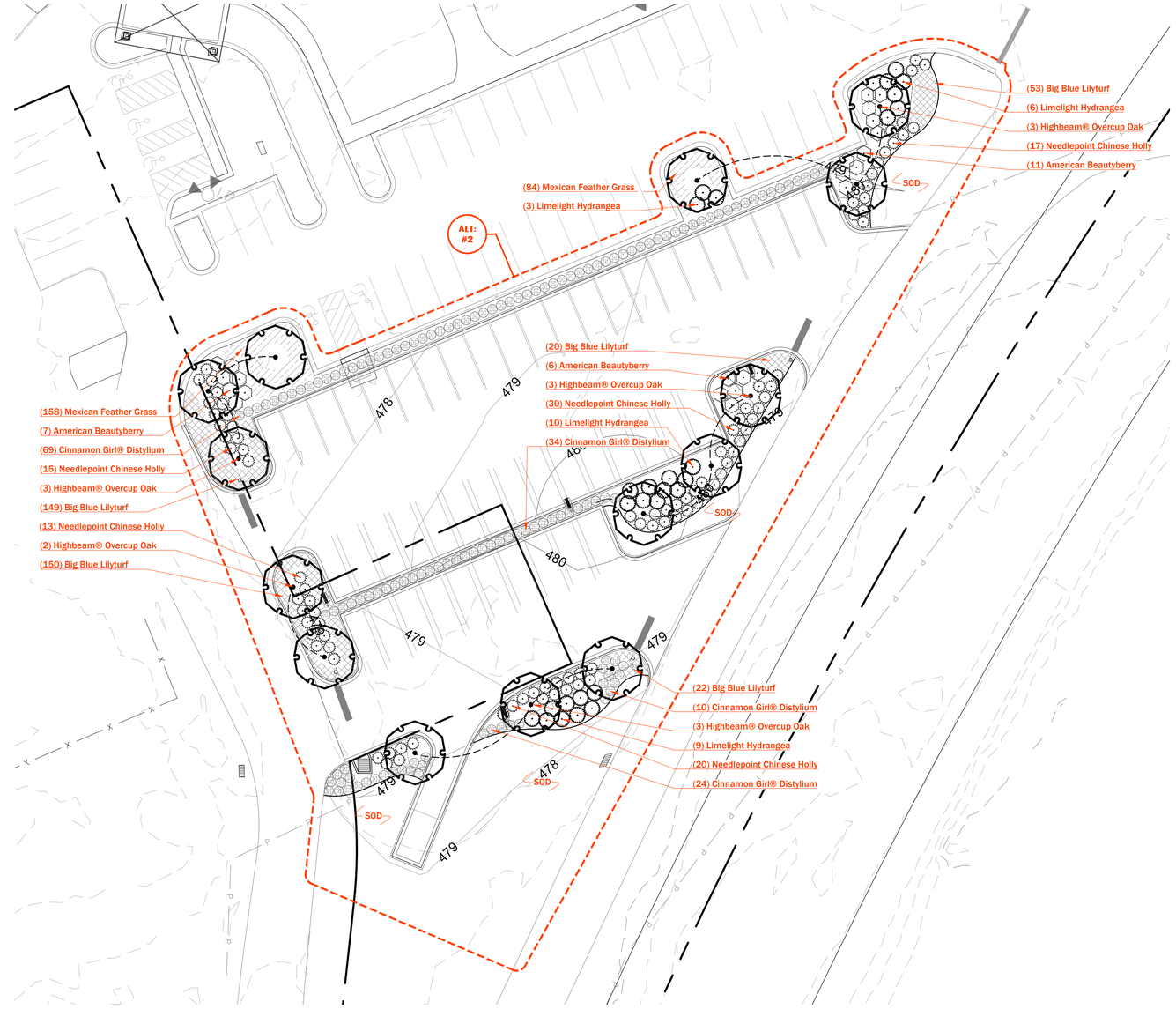
PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

L4.1



1 **ALTERNATE #1**

SCALE: 1" = 20.00'



2 **ALTERNATE #2**

SCALE: 1" = 20.00'

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

0' 10' 20' 40'

SCALE IN FEET: 1" = 20.00'

NORTH

TURNERBATSON

REBID **ALABASTER AMPHITHEATER**

ALABASTER, ALABAMA

Forme

neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

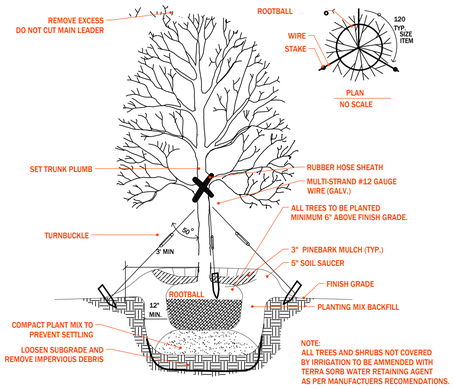
REVISIONS:

No	Date	Description

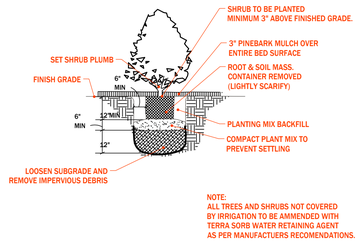
SHEET TITLE: LANDSCAPE PLAN ALTERNATES #1 & #2

PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

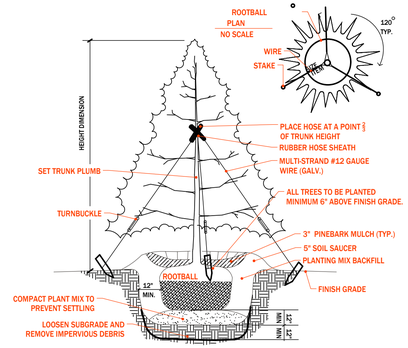
L4.2



1 TYPICAL TREE PLANTING & GUYING DETAIL
SCALE: NTS

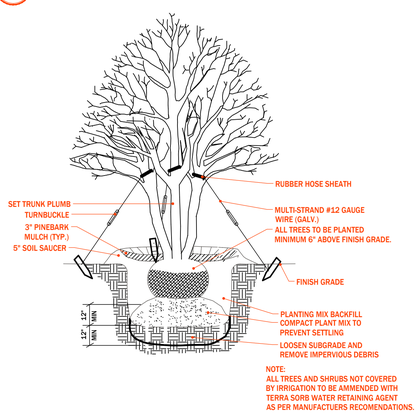


2 DETAIL TYPICAL CONTAINERIZED SHRUB PLANTING
SCALE: NTS

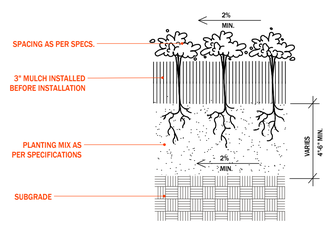


NOTES: 1. EVERGREEN TREES 2" CAL OR SMALLER TO BE STAKED.
2. PROVIDE WATER CRYSTALS PER MANUFACTURER'S RECOMMENDATIONS FOR PINE TREES.

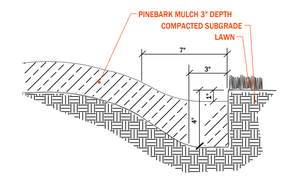
3 DETAIL EVERGREEN TREE PLANTING
SCALE: NTS



4 DETAIL MULTI-TRUNKED TREE PLANTING
SCALE: NTS

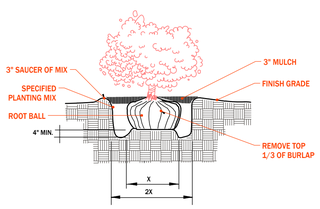


5 GROUND COVER DETAIL
SCALE: NTS

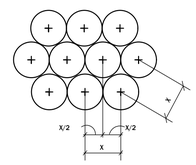


NOTE: TRENCH EDGE TO BE LOCATED BETWEEN PLANTING BEDS, AROUND TREE PITS AND ALL LAWN AREAS.

6 TRENCH EDGER DETAIL FOR ALL BEDS
SCALE: NTS



7 B&B SHRUB DETAIL
SCALE: NTS



NOTES: 1. SEE PLANTING PLANS FOR SHRUB & GROUNDCOVER BED AREAS.
2. ROWS SHALL BE STRAIGHT & PARALLEL.
3. SPACING SHOWN ON PLANT SCHEDULE (X).

8 DETAIL TYPICAL STAGGERED ROW SPACING
SCALE: NTS

PLANT SCHEDULE BASE BID

TREES	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER		REMARKS
3	ACER RUBRUM 'ARMSTRONG'	ARMSTRONG MAPLE	3.0" CAL.	B&B		FULL HEAD
6	CHIONANTHUS VIRGINICUS	WHITE FRINGETREE	8` HT.	B&B		MULTI TRUNK, FULL HEAD
3	ILEX X 'CONTY'	LIBERTY™ HOLLY	6` HT	B&B		FULL TO GROUND
6	ILEX X ATTENUATA 'SAVANNAH'	SAVANNAH HOLLY	12` HT.	B&B		MULTI-TRUNK, FULL HEAD
1	LIRIODENDRON TULIPIFERA `JFS-OZ`	EMERALD CITY® TULIP POPLAR	3.0" CAL.	B&B		FULL HEAD
10	MAGNOLIA GRANDIFLORA `BRACKENS BROWN BEAUTY`	BRACKEN`S BEAUTY SOUTHERN MAGNOLIA	12` HT.	B&B		FULL TO GROUND
4	PARROTIA PERSICA `PPCM2`	CONTEMPLATION PARROTIA	3.0" CAL.	B&B		FULL HEAD
12	QUERCUS NUTTALLII	NUTTALL OAK	3.0" CAL.	B&B		FULL HEAD, SPECIMEN QUALITY
SHRUBS	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	SPACING	REMARKS
42	CAMELLIA SASANQUA 'GREEN 01-006'	OCTOBER MAGIC® CARPET™ CAMELLIA	3 GAL.	--	48" o.c.	
11	CAMELLIA SASANQUA 'YULETIDE'	YULETIDE CAMELLIA	7 GAL.	--	60" o.c.	
102	DISTYLIUM X 'PIIDIST-V'	CINNAMON GIRL® DISTYLIUM	3 GAL.	--	36" o.c.	
110	FOTHERGILLA GARDENII 'BLUE MIST'	BLUE MIST DWARF FOTHERGILLA	3 GAL.	--	30" o.c.	
36	HYDRANGEA PANICULATA 'LIMELIGHT'	LIMELIGHT HYDRANGEA	7 GAL.	--	60" o.c.	
25	ILEX CORNUTA `NEEDLEPOINT'	NEEDLEPOINT CHINESE HOLLY	7 GAL.	30" MIN.	48" o.c.	
71	ITEA VIRGINICA `SPRICH`	LITTLE HENRY® SWEETSPIRE	3 GAL.	--	36" o.c.	
21	RHODODENDRON X 'ROBLEX'	AUTUMN LILY® ENCORE® AZALEA	3 GAL.	--	48" o.c.	
28	SPIRAEA PRUNIFOLIA `PLENA`	BRIDALWREATH SPIREA	7 GAL.	--	72" o.c.	
GROUND COVERS	BOTANICAL NAME	COMMON NAME	CONTAINER		SPACING	
326	NASSELLA TENUISSIMA	MEXICAN FEATHER GRASS	1 GAL.		18" o.c.	
--	CYNODON X 'TIFWAY 419'	SOD (BERMUDA, TIFWAY 419)	SOLID SOD			

PLANT SCHEDULE ALTERNATE #1

TREES	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER		REMARKS
1	CHIONANTHUS VIRGINICUS	WHITE FRINGETREE	8` HT.	B&B		MULTI TRUNK, FULL HEAD
2	ILEX X 'CONTY'	LIBERTY™ HOLLY	6` HT	B&B		FULL TO GROUND
5	PARROTIA PERSICA `PPCM2`	CONTEMPLATION PERSIAN PARROTIA	12` HT.	B&B		MULTI-TRUNK, 3 CANES - 1.5" CAL. MINIMUM EA.
SHRUBS	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	SPACING	REMARKS
3	CALLICARPA AMERICANA	AMERICAN BEAUTYBERRY	7 GAL.	--	60" o.c.	
11	CAMELLIA SASANQUA 'GREEN 01-006'	OCTOBER MAGIC® CARPET™ CAMELLIA	3 GAL.	--	48" o.c.	
56	DISTYLIUM X 'PIIDIST-V'	CINNAMON GIRL® DISTYLIUM	3 GAL.	--	36" o.c.	
3	HAMAMELIS VIRGINIANA 'HARVEST MOON'	HARVEST MOON WITCH HAZEL	15 GAL.	--	84" o.c.	
11	HYDRANGEA PANICULATA 'LIMELIGHT'	LIMELIGHT HYDRANGEA	7 GAL.	--	60" o.c.	
20	ITEA VIRGINICA `SPRICH`	LITTLE HENRY® SWEETSPIRE	3 GAL.	--	36" o.c.	
13	RHODODENDRON X 'ROBLEX'	AUTUMN LILY® ENCORE® AZALEA	3 GAL.	--	48" o.c.	
GROUND COVERS	BOTANICAL NAME	COMMON NAME	CONTAINER		SPACING	
118	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF	4" POT		18" o.c.	
--	CYNODON X 'TIFWAY 419'	SOD (BERMUDA, TIFWAY 419)	SOLID SOD			

PLANT SCHEDULE ALTERNATE #2

TREES	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER		REMARKS
14	QUERCUS LYRATA 'QLFTB'	HIGHBEAM® OVERCUP OAK	3.0" CAL.	B&B		FULL HEAD, SPECIMEN QUALITY
SHRUBS	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	SPACING	REMARKS
24	CALLICARPA AMERICANA	AMERICAN BEAUTYBERRY	7 GAL.	--	60" o.c.	
137	DISTYLIUM X 'PIIDIST-V'	CINNAMON GIRL® DISTYLIUM	3 GAL.	--	36" o.c.	
28	HYDRANGEA PANICULATA 'LIMELIGHT'	LIMELIGHT HYDRANGEA	7 GAL.	--	60" o.c.	
95	ILEX CORNUTA 'NEEDLEPOINT'	NEEDLEPOINT CHINESE HOLLY	7 GAL.	30" MIN.	48" o.c.	
GROUND COVERS	BOTANICAL NAME	COMMON NAME	CONTAINER		SPACING	
394	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF	4" POT		18" o.c.	
242	NASSELLA TENUISSIMA	MEXICAN FEATHER GRASS	1 GAL.		18" o.c.	
--	CYNODON X 'TIFWAY 419'	SOD (BERMUDA, TIFWAY 419)	SOLID SOD			

GENERAL NOTES

CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE INSPECTION PRIOR TO LANDSCAPE CONSTRUCTION AND INSTALLATION IN ORDER TO ACQUAINT HIMSELF WITH EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION.

CONTRACTOR SHALL VERIFY PLANT COUNT FROM PLAN AND REPORT DIFFERENCES.

ALL TREES AND SPECIMEN PLANT MATERIAL SHALL BE LOCATED BY THE CONTRACTOR AT APPROVED NURSERIES OR THEIR EQUAL (SEE LIST) APPROVED PRIOR TO BIDDING.

ALL PLANT MATERIALS ARE SUBJECT TO APPROVAL OR REFUSAL BY THE LANDSCAPE ARCHITECT AT THE JOB SITE.

CONTRACTOR SHALL LAYOUT TREES AND BED LINES FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO PLANTING. A MINIMUM 24 HOUR NOTICE SHOULD BE GIVEN AND ANTICIPATED BY THE CONTRACTOR FOR THIS REVIEW.

CONTRACTOR SHALL SUPPLY AND SPREAD 4" TOP-SOIL IN SHRUB BEDS AND ALL AREAS TO BE SEEDED UNLESS OTHERWISE NOTED IN SPECIFICATIONS..

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 3% POSITIVE DRAINAGE IN

PLANTS SHALL BE WELL FORMED, VIGOROUS, GROWING SPECIMENS WITH GROWTH TYPICAL OF VARIEITES SPECIFIED AND SHALL BE FREE FROM INJURY, INSECTS AND DISEASES. PLANTS SHALL EQUAL OR SURPASS QUALITY AS DEFINED IN THE CURRENT ISSUE OF NURSERY "AMERICAN STANDARDS FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERYMEN, INC.
ALL PLANT AREAS.

ALL PLANT MATERIAL SHALL BE BALLED AND BURLAPPED OR CONTAIANER GROWN.

ALL SHRUBS, TREES AND GROUND COVERS SHALL BE PLANTED WITH A SOIL MIXTURE CONSISTING OF 50% TOPSOIL AND 50% ORGANIC MATERIAL AND PER SPECIFICATIONS.

FRONT ROW OR SHRUBS SHALL E PLANTED MINIMUM 24" BEHIND BED LINE @ LAWNS OR WALKS AND MINIMUM 36" BACK OR CURB @ PARKING SPACES.

BACK ROW OF SHRUB PLANTING SHALL BE PLANTED @ 36" OFF FACE OF BUILDING WALL, GROUND COVERS SHALL BE 12" OUT FROM BUILDING AS REQUIRED BY PLANT SPECIFICATIONS.

EXCAVATE EDGE OF ALL PLANTING BEDS TO 4" DEPTH TO FORM A NEAT CRISP DEFINITION.

ALL PLANTING BEDS AND TREE PITS SHALL BE MULCHED WITH A 3" SETTLED LAYER OF SPECIFIED MULCH.

GRASS: ALL AREAS TO BE GRASSED SHALL BE TILLED AND GRADED TO A DEPTH OF 6". SLAG OF LIME SHALL BE APPLIED AT A RATE OF 100 POUNDS PER 1000 SQ. FT. ADD TURF GREEN OR EQUAL (12-5-8 SLOW RATE) AT A RATE OF 50 POUNDS PER 1000 SQ. FT. SEEDED AREAS SHALL BE COVERED WITH A THIN LAYER OF WHEAT STRAW.

GRADE ALL AREAS FOR APPROVAL BY LANDSCAPE ARCHITECT BEFORE SODDING.

SEASONAL COLOR SHALL BE PLANTED IN FLOWERING STATE.

CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL, INCLUDING GRASS FOR ONE FULL YEAR FROM DATE OF SUBSTANTIAL COMPLETION.

REMOVE ALL GUY WIRES AND STAKES AT END OF GUARANTEE PERIOD.

WHEN TREES ARE PLANTED THE MONTHS OF MARCH THRU OCTOBER, THE LANDSCAPE CONTRACTOR SHALL AMEND THE SOIL MIX WITH A MOISTURE RETENTION AGENT AS 'TERRA-SORB' OR EQUAL FOR EACH TREE INSTALLATION.

TURNERBATSON

REBID **ALABASTER AMPHITHEATER**

ALABASTER, ALABAMA

Forme
neil@formedesigngroup.com
662 418 7450

STATE OF ALABAMA
L. NEIL COUVILLION
NUMBER 624
REGISTERED LANDSCAPE ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

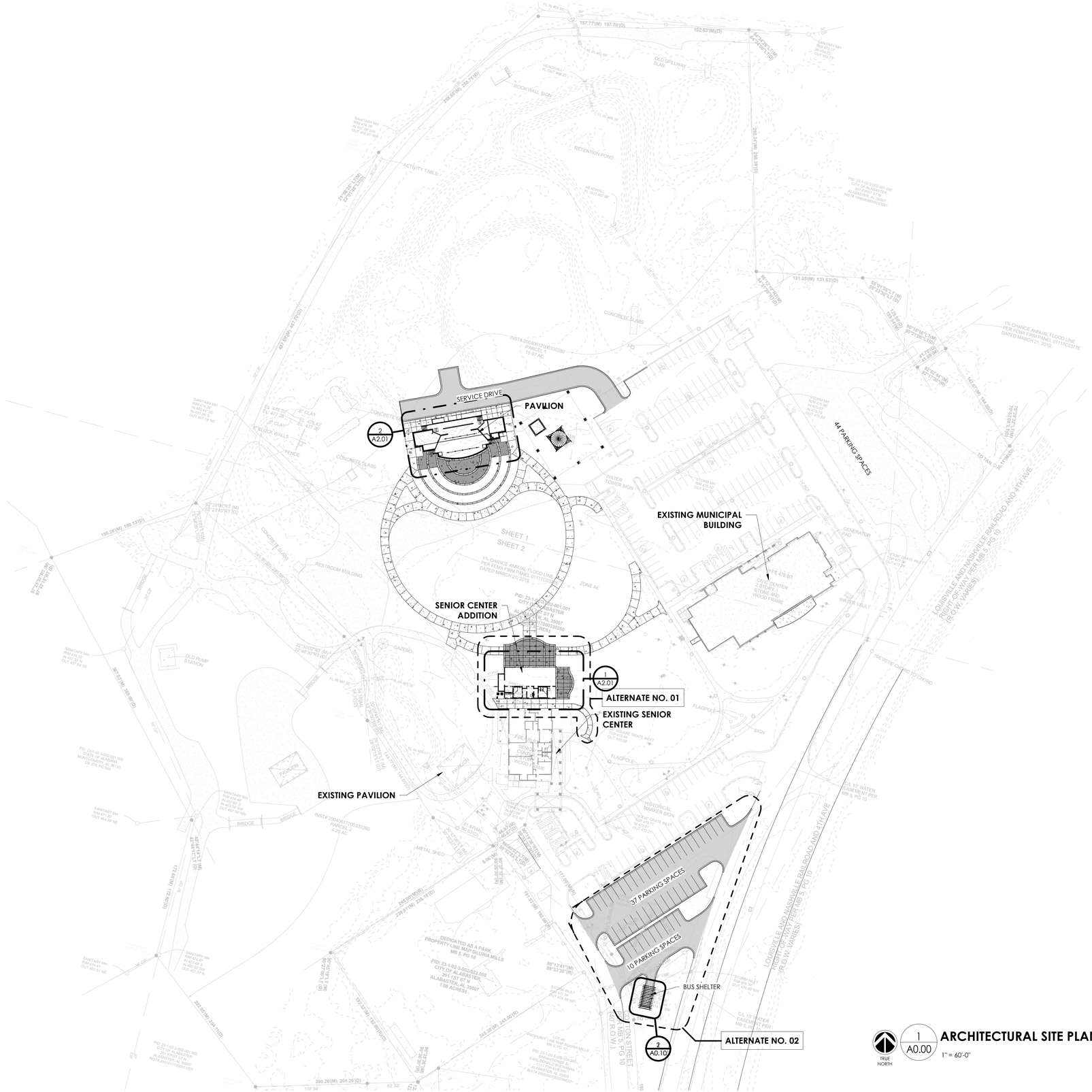
REVISIONS:

No	Date	Description

SHEET TITLE: LANDSCAPE DETAILS & SCHEDULE

PROJECT NUMBER: 2904
CHECKED BY: NC
ISSUE DATE: 10/27/2023
DRAWN BY: NC

L4.3



ARCHITECTURAL SITE PLAN

1 / A0.00

1" = 60'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

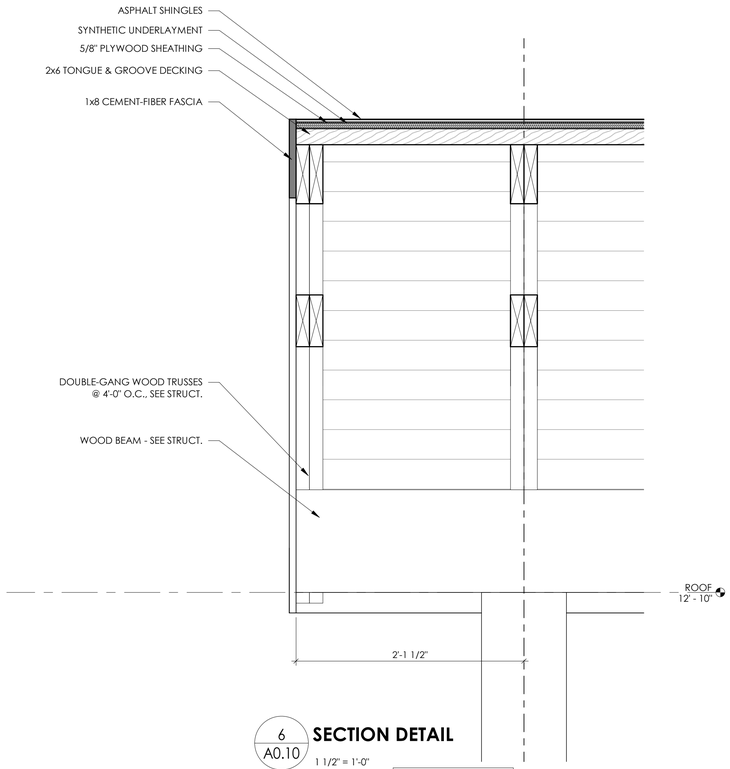
No	Date	Description

SHEET TITLE: ARCHITECTURAL SITE PLAN

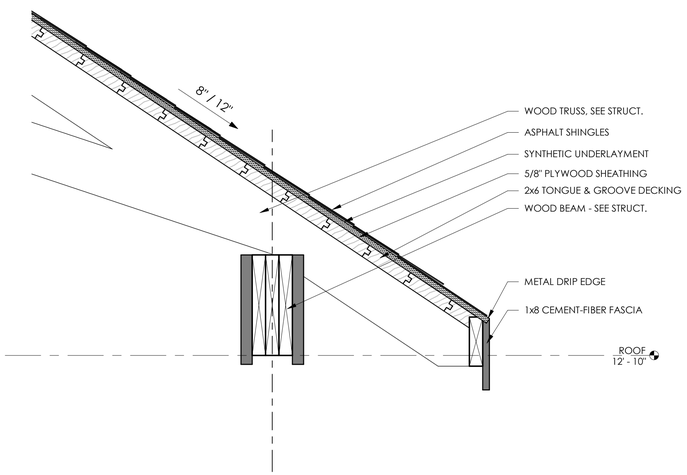
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A0.00

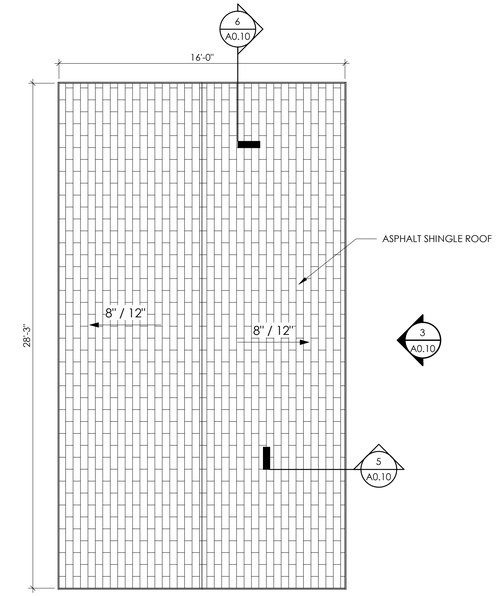
10/26/2023 8:22:16 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



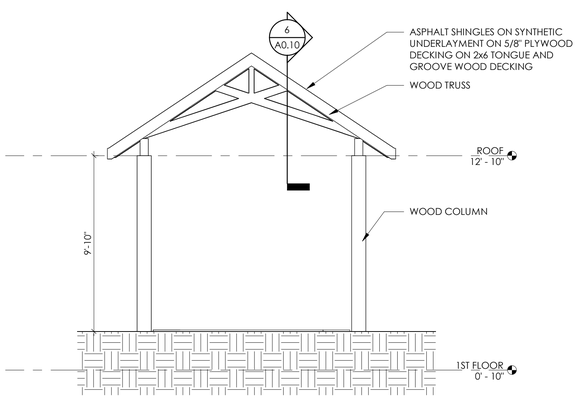
6 A0.10 **SECTION DETAIL**
1 1/2" = 1'-0"
ALTERNATE NO. 02



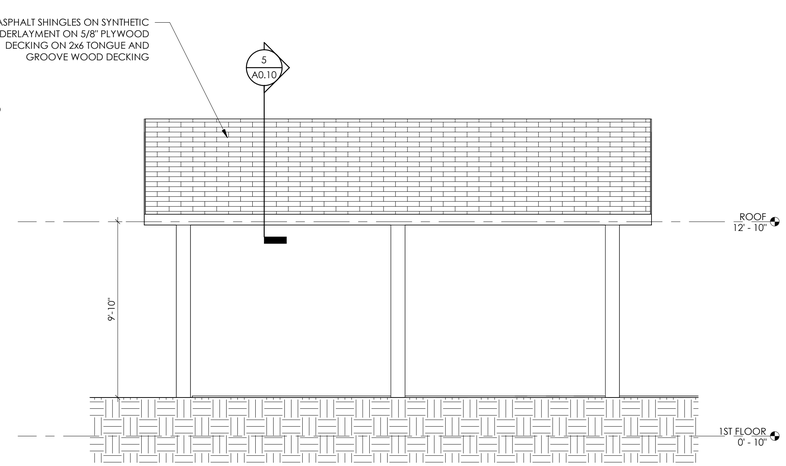
5 A0.10 **SECTION DETAIL**
1 1/2" = 1'-0"
ALTERNATE NO. 02



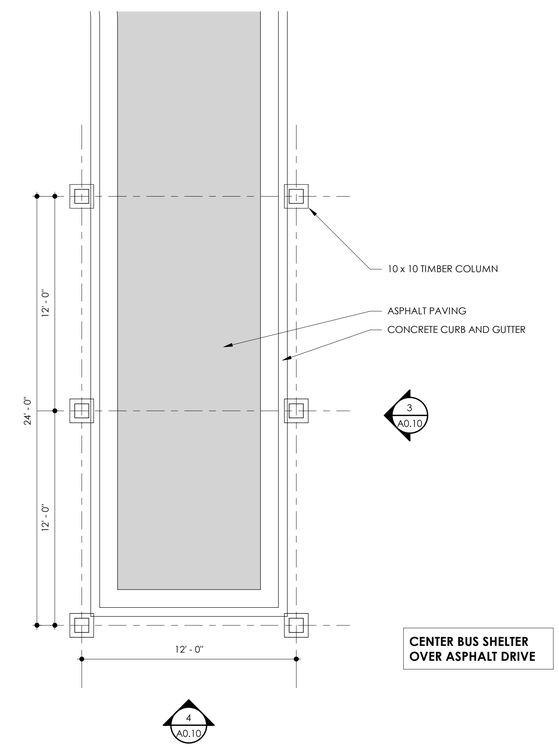
4 A0.10 2 A0.10 **BUS SHELTER ROOF PLAN**
1/4" = 1'-0"
ALTERNATE NO. 02



4 A0.10 **BUS SHELTER ELEVATION**
1/4" = 1'-0"
ALTERNATE NO. 02



3 A0.10 **BUS SHELTER ELEVATION**
1/4" = 1'-0"
ALTERNATE NO. 02



CENTER BUS SHELTER OVER ASPHALT DRIVE

1 A0.10 **BUS SHELTER FLOOR PLAN**
1/4" = 1'-0"
ALTERNATE NO. 02

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

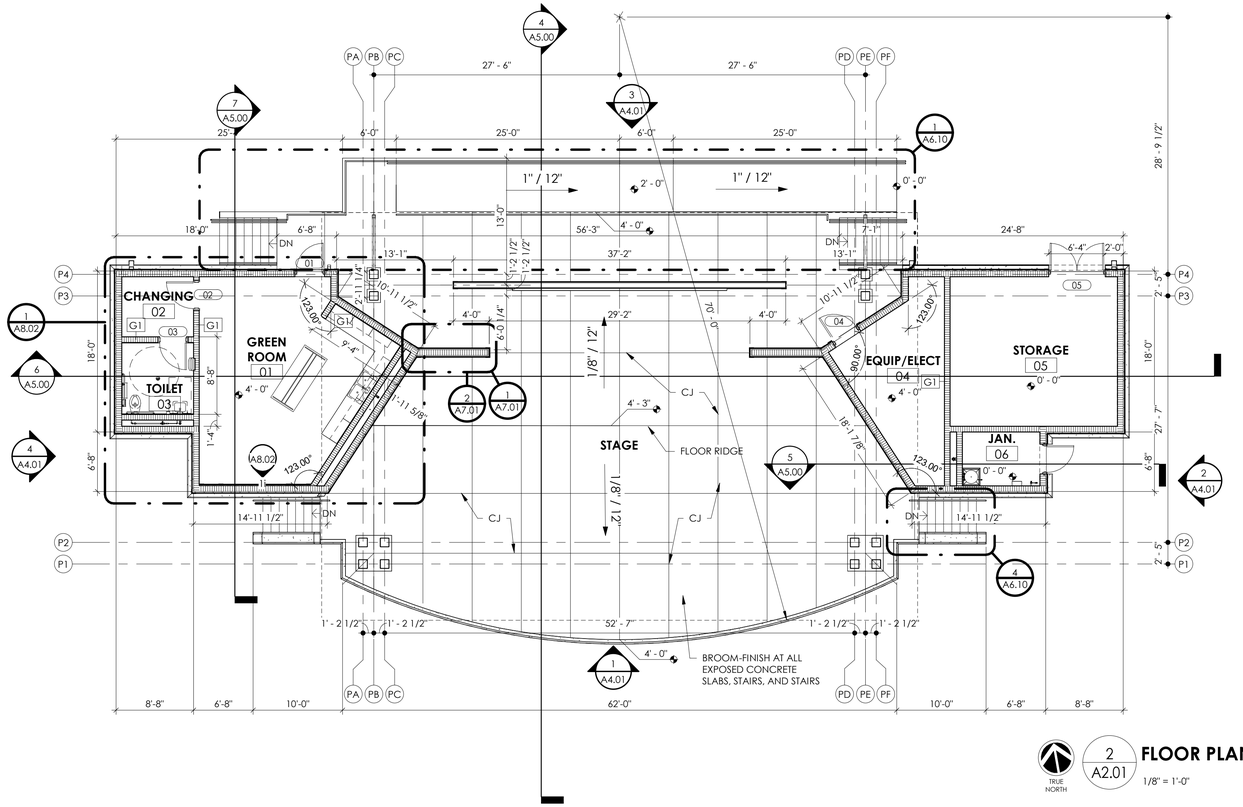
No	Date	Description

SHEET TITLE: BUS SHELTER PLANS, SECTIONS AND DETAILS

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A0.10

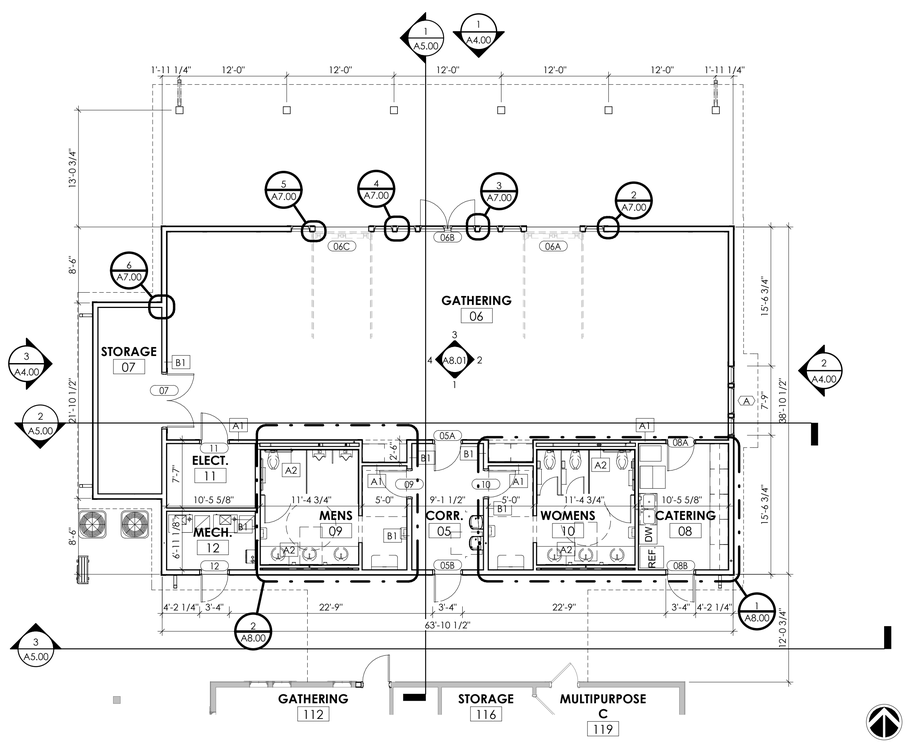
10/26/2023 8:22:17 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



TRUE NORTH

2 A2.01 FLOOR PLAN - PAVILION

1/8" = 1'-0"



TRUE NORTH

1 A2.01 FIRST FLOOR PLAN - SENIOR CENTER ADDITION

1/8" = 1'-0"

ALTERNATE NO. 01

GRAPHIC SYMBOLS

- SECTION MARK
- EXTERIOR ELEVATION MARK
- INTERIOR ELEVATION MARK
- DOOR TAG
- WINDOW TAG
- SPOT ELEVATION
- REVISION TAG
- WALL TAG
- DETAIL MARK
- EQUIPMENT NOT IN CONTRACT

PROJECT NOTES

1. DIMENSIONS ON PLANS ARE TO BE FACE OF GWB / CMU PARTITIONS AND CORRIDOR SIDE FINISH FACE OF CORRIDOR PARTITIONS UNLESS OTHERWISE NOTED. DIMENSIONS TO EXTERIOR OF BUILDING ARE TO BE FACE OF STUD OR FACE OF MASONRY VENEER.
2. ALL VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUIT, ETC. (WHETHER SHOWN OR NOT) IN FINISHED ROOMS NOT ENCASED IN FINISHED WALLS OR CEILINGS SHALL BE FURRED IN AND FINISHED TO MATCH ADJACENT FINISH SURFACES AT ALL NEW WORK.
3. STUD THICKNESS SHALL BE INCREASED AS REQUIRED AT PLUMBING HANGERS, ELECTRICAL PANELS, ETC., WHICH EXCEED 4" FROM FINISH WALL FACE TO BACK OF UNIT.
4. FURNISH ACCESS PANELS IN WALLS AND NON ACCESSIBLE TYPE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING OR ELECTRICAL EQUIPMENT IS REQUIRED. (SEE ENGINEERING DRAWINGS FOR ANY REQUIRED ACCESS PANEL(S) FOR THIS PROJECT.)
5. PROVIDE CONTROL JOINTS IN GYPSUM WALLBOARD AT 30 FEET O.C. MAXIMUM PER MANUFACTURER'S RECOMMENDATION, WHERE POSSIBLE, LOCATE JOINTS ABOVE DOOR FRAMES.
6. GYPSUM WALLBOARD IN TOILETS, AND OTHER AREAS SUBJECT TO WETTING, SHALL BE MOISTURE RESISTANT TYPE ON WALLS. CEMENTITIOUS WALL BOARD IS TO BE INSTALLED AT WALLS TO RECEIVE CERAMIC TILE.
7. ALL GYPSUM WALLBOARD IN FIRE RATED WALLS SHALL BE FIRE RESISTIVE UL CLASSIFIED MATERIAL APPLIED IN STRICT CONFORMANCE TO THE APPLICABLE FIRE TEST DESIGN WITH JOINTS ON OPPOSITE WALL FACES STAGGERED. FASTENERS SHALL BE OF APPROVED TYPE AND INSTALLED IN ACCORDANCE WITH APPLICABLE FIRE TEST. ALL WALLBOARD JOINTS SHALL BE TAPED AND FINISHED WITH JOINT COMPOUND, INCLUDING THOSE ABOVE CEILING WHETHER FIRE" RATED OR NOT. PENETRATION FOR PIPES, CONDUIT, DUCTS, ETC., IN EXCESS OF 8" IN MAXIMUM DIMENSION SHALL BE FRAMED. PERIMETER OF PENETRATIONS SHALL BE TIGHTLY PACKED WITH MINERAL FIBER SAFING INSULATION.
8. INTERPRETATION, ERRORS AND OMISSIONS: SHOULD ANY OMISSION, DISCREPANCY, AMBIGUITY OR ERROR IN THE CONTRACT DOCUMENT DRAWINGS BE DISCOVERED OR SHOULD THERE BE ANY DOUBT AS TO THE MEANING OR INTENT THEREOF, REPORT SUCH FINDINGS TO THE ARCHITECT IN WRITING. CLARIFICATION WILL BE MADE BY REVISION TO DRAWINGS, WHICH WILL BE SENT TO THE GENERAL CONTRACTOR. IN THE EVENT OF THE CONTRACTOR'S FAILURE TO GIVE SUCH NOTICE, HE WILL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY SUCH DEFECTS, ERRORS OR OMISSIONS AND COST OF RECTIFYING THE SAME. IF DURING THE COURSE OF CONSTRUCTION, CONFLICTS ARE FOUND IN THE DRAWINGS OR EXISTING SITE CONDITIONS, THE ARCHITECT WILL INTERPRET OR CONSTRUE THE DRAWING(S) AND / OR EXISTING SITE CONDITIONS SO AS TO SECURE THE MOST SUBSTANTIAL AND COMPLETE PERFORMANCE OF THE WORK.

ABBREVIATIONS

CJ	CONTROL JOINT
DS	DOWNSPOUT

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA · TURNER BATSON · REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

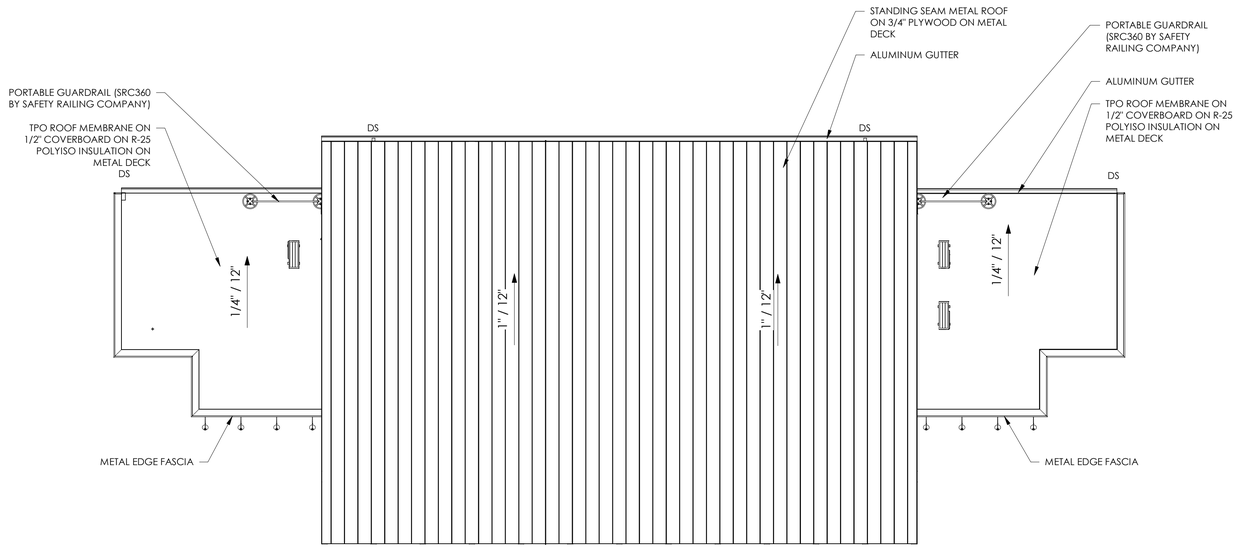
No	Date	Description

SHEET TITLE: FIRST FLOOR PLANS

PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, MCB, HHB

A2.01

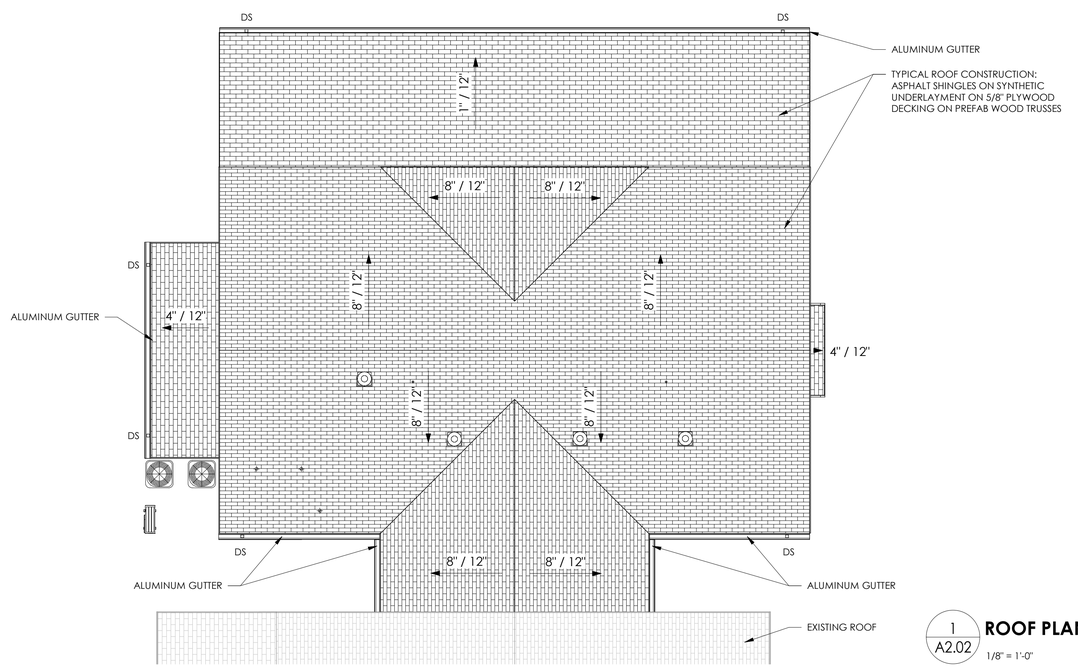
10/26/2023 8:22:18 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



TRUE NORTH

2 / A2.02 **ROOF PLAN - PAVILION**

1/8" = 1'-0"



1 / A2.02 **ROOF PLAN - SENIOR CENTER ADDITION**

1/8" = 1'-0"

ALTERNATE NO. 01

GRAPHIC SYMBOLS

SECTION MARK (1 / A101 SIM)

EXTERIOR ELEVATION MARK (1 / A101 SIM)

INTERIOR ELEVATION MARK (1 Ref / A101 / Ref Ref / 1 Ref)

DOOR TAG (101)

WINDOW TAG (A)

SPOT ELEVATION

REVISION TAG (1)

WALL TAG (1i)

DETAIL MARK (1 / A101 SIM)

EQUIPMENT NOT IN CONTRACT

ABBREVIATIONS

CJ	CONTROL JOINT
DS	DOWNSPOUT

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: ROOF PLANS

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A2.02

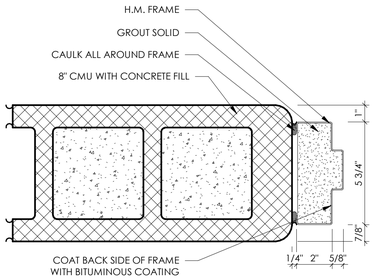
10/26/2023 8:22:19 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

DOOR & FRAME SCHEDULE - PAVILION

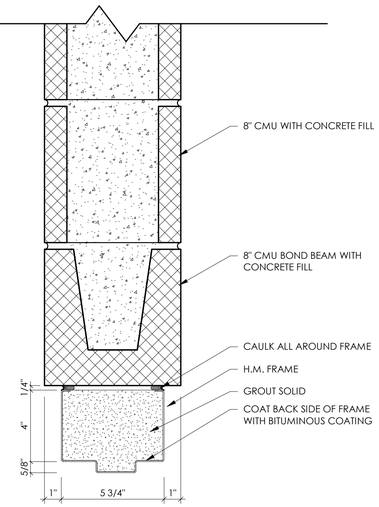
DOOR NUMBER	FROM	TO	DOOR TYPE	DOOR WIDTH	DOOR Pair/Single	DOOR HEIGHT	DOOR THK.	DOOR MTL.	FRAME TYPE	FRAME MTL.	FRAME HEAD	FRAME DETAILS SILL	FRAME DETAILS JAMB	FRAME DETAILS HEAD	LABEL	REMARKS	HDW SET
STORAGE																	
05	STORAGE 05	EXTERIOR	2	6' - 0"	PAIR	7' - 0"	1 3/4"	HM	F-3	HM	4"			9/A7.16	--	3, 9	105
125	JAN. 06	EXTERIOR	1	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-1	HM	4"			9/A7.16	--	3,9	106
STAGE																	
01	GREEN ROOM 01	EXTERIOR	1	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-1	HM	4"			9/A7.16	--	3,9	101
02	GREEN ROOM 01	CHANGING 02	1	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-1	HM	4"		10/A3.00	9/A3.00	--	5	103
03	CHANGING 02	TOILET 03	1	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-1	HM	4"		10/A3.00	9/A3.00	--	5	103
04	EQUIP/ELECT 04	EXTERIOR	1	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-1	HM	4"			9/A7.16	--	3,8,9	104

DOOR & FRAME SCHEDULE - SENIOR CENTER ADDITION - ALTERNATE NO. 01

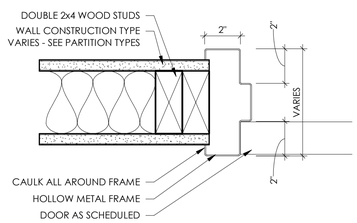
DOOR NUMBER	FROM	TO	DOOR TYPE	DOOR WIDTH	DOOR Pair/Single	DOOR HEIGHT	DOOR THK.	DOOR MTL.	FRAME TYPE	FRAME MTL.	FRAME HEAD	FRAME DETAILS SILL	FRAME DETAILS JAMB	FRAME DETAILS HEAD	LABEL	REMARKS	HDW SET
1ST FLOOR																	
05A	CORR. 05	GATHERING 06	3	3' - 0"	SINGLE	8' - 0"	1 3/4"	SCW	F-2	HM	2"		8/A3.00	7/A3.00	--	2,4,8,9	205
05B	CORR. 05	EXTERIOR	3	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-2	HM	2"		6/A3.00	5/A3.00	--	1,3,8,9	201
06A	GATHERING 06	EXTERIOR	5	6' - 0"		10' - 0"	2 1/8"	AL		AL			6/A3.00	5/A3.00	--	--	210
06B	GATHERING 06	EXTERIOR	4	6' - 2 3/4"	PAIR	7' - 1 5/16"		CLAD		CLAD			1/A7.10	2/A7.10	--	1,3,6,8,9	202
06C	GATHERING 06	EXTERIOR	5	6' - 0"		10' - 0"	2 1/8"	AL		AL			5/A7.00		--	--	210
07	STORAGE 07	GATHERING 06	2	6' - 0"	PAIR	8' - 0"	1 3/4"	SCW	F-4	HM			8/A3.00	7/A3.00	--	4	207
08A	CATERING 08	GATHERING 06	3	3' - 0"	SINGLE	8' - 0"	1 3/4"	SCW	F-2	HM	2"		8/A3.00	7/A3.00	--	2,4,9	206
08B	CATERING 08	EXTERIOR	3	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-2	HM	2"		8/A3.00	5/A3.00	--	1,3,9	203
09	CORR. 05	MENS 09	1	3' - 0"	SINGLE	7' - 0"	1 3/4"	SCW	F-2	HM	2"		8/A3.00	7/A3.00	--	7,9	208
10	WOMENS 10	CORR. 05	1	3' - 0"	SINGLE	7' - 0"	1 3/4"	SCW	F-2	HM	2"		8/A3.00	7/A3.00	--	7,9	208
11	GATHERING 06	ELECT. 11	1	3' - 0"	SINGLE	8' - 0"	1 3/4"	SCW	F-2	HM	2"		8/A3.00	7/A3.00	--	4,9	209
12	MECH. 12	EXTERIOR	1	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-2	HM	2"		6/A3.00	5/A3.00	--	1,3,9	204
129	GATHERING 112	EXTERIOR	3	3' - 0"	SINGLE	7' - 0"	1 3/4"	HM	F-2	HM	2"		EXIST.	EXIST.		1,3,9	211



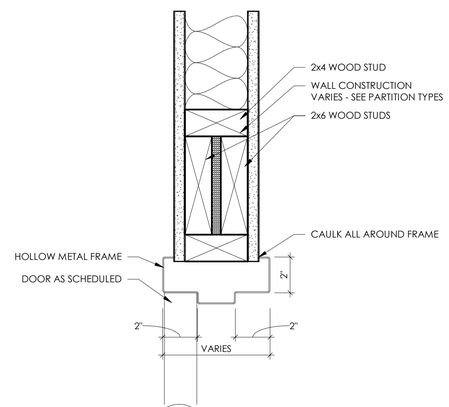
10 / A3.00 **HM DOOR JAMB IN CMU**
3" = 1'-0"



9 / A3.00 **HM DOOR HEAD IN CMU**
3" = 1'-0"



8 / A3.00 **H.M. DOOR JAMB IN GYP.**
3" = 1'-0"



7 / A3.00 **H.M. DOOR HEAD IN GYP.**
3" = 1'-0"

DOOR SCHEDULE REMARKS

1. 1" TINTED INSULATING GLASS
2. 1/4" TEMPERED GLASS
3. CYLINDER LOCK
4. STOREROOM LOCK
5. PRIVACY LOCK
6. AUTOMATIC OPERATOR
7. PUSH / PULL
8. EXIT HARDWARE
9. CLOSER

GLAZING SCHEDULE

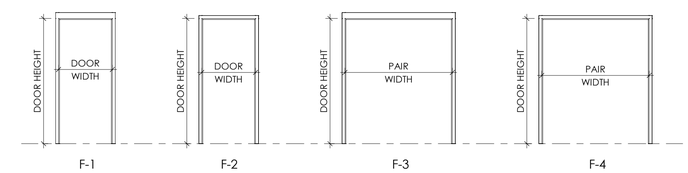
FG-1 UNCOATED CLEAR ANNEALED FLOAT GLASS

FG-2 UNCOATED CLEAR FULLY TEMPERED FLOAT GLASS

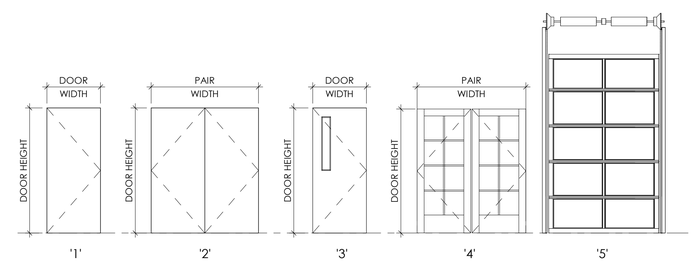
IG-1 CLEAR 1" INSULATING GLASS - FULLY TEMPERED

DOOR SCHEDULE LEGEND

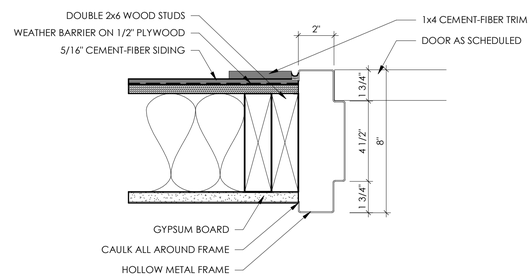
HM - HOLLOW METAL
SCW - SOLID CORE WOOD
STL - STEEL
AL - ALUMINUM



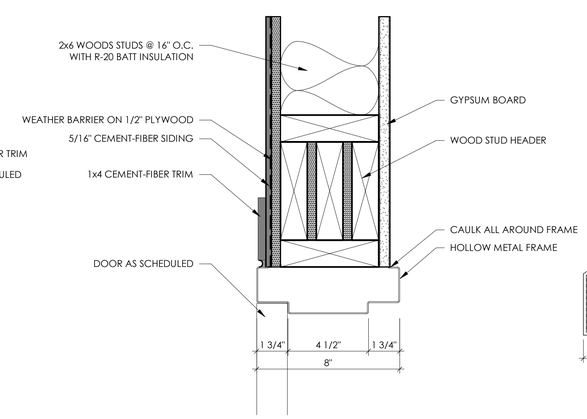
FRAME TYPES
1/4" = 1'-0"



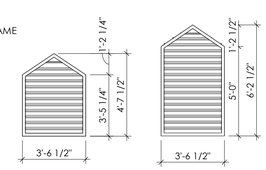
DOOR TYPES
1/4" = 1'-0"



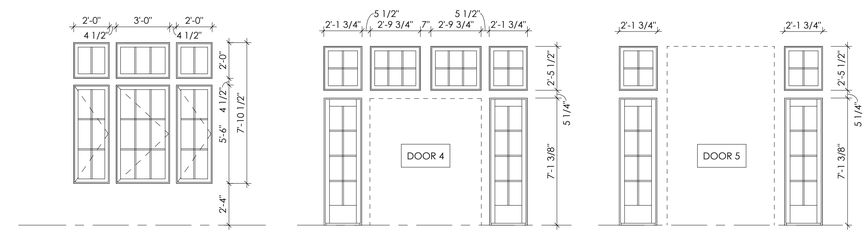
6 / A3.00 **H.M. DOOR JAMB IN EXT. WALL**
3" = 1'-0"



5 / A3.00 **H.M. DOOR HEAD IN EXT. WALL**
3" = 1'-0"



LOUVER TYPES
1/4" = 1'-0"



WINDOW SCHEDULE
1/4" = 1'-0"

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER & BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

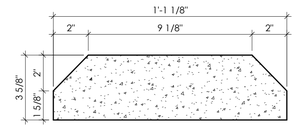
No	Date	Description

SHEET TITLE: DOOR AND FRAME SCHEDULE

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

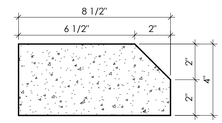
A3.00

10/26/2023 8:22:20 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



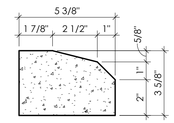
3 / A3.10 **CAST STONE CS-3**

3" = 1'-0"



2 / A3.10 **CAST STONE CS-2**

3" = 1'-0"



1 / A3.10 **CAST STONE CS-1**

3" = 1'-0"

PARTITION NOTES

1. REFER TO FLOOR PLANS FOR LOCATION OF PARTITION TYPES.

2. REFER TO FINISH PLANS & DETAILS FOR FINISHES. PARTITION TYPES REFER TO BASE WALL ONLY.

3."LINE OF STRUCTURE" AS SHOWN AT THE HEAD CONDITIONS OF EACH PARTITION TYPE IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE THE EXACT CONSTRUCTION CONDITION. RATED PARTITIONS ARE TO TERMINATE AT STRUCTURAL MEMBERS WITH A FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE WALL RATING. WHERE REQUIRED, APPROPRIATE FRAMING AND DRYWALL IS TO BE INSTALLED TO OFFSET AROUND STRUCTURAL MEMBERS OR OTHER OBSTRUCTIONS SUCH AS PIPING OR DUCTWORK TO MAINTAIN THE FIRE RESISTANCE RATING. NON-RATED PARTITIONS THAT CONTINUE TO STRUCTURE ARE TO TERMINATE AT APPROXIMATE LOCATIONS TO MAINTAIN THE INTENT OF A CONTINUOUS PLANE OF ONE-LAYER OF GYPSUM BOARD AS A NOISE, SMOKE OR OTHER TYPE OF BARRIER.

4. ALL GYPSUM WALLBOARD SHALL BE 5/8" UNLESS NOTED OTHERWISE.

5. ALL RATED WALLS SHALL BE CONSTRUCTED FIRST. SECONDARY WALLS TO ABUT, NOT PENETRATE RATED WALLS.

6. APPROPRIATE SUBMITTAL INFORMATION MUST BE PROVIDED TO SUBSTANTIATE THAT THE MATERIALS AND ASSEMBLY USED BY THE CONTRACTOR HAVE BEEN TESTED BY A RECOGNIZED TESTING AGENCY TO MEET THE FIRE RESISTANCE RATING SCHEDULED ON THESE PARTITION TYPES.

7. FIRESTOPPING TO BE PROVIDED AT PENETRATIONS THROUGH RATED PARTITIONS AS SPECIFIED.

8. ALL GYPSUM WALLBOARD SHALL BE MOISTURE RESISTANT AT THE FOLLOWING LOCATIONS: (ROOM SIDE OF WALL, UNLESS NOTED OTHERWISE.) TOILET ROOMS, JANITOR CLOSETS, KITCHEN, WET WALLS AND ALL WALLS ADJACENT TO WET WALLS.

9. SOUND ATTENUATION BLANKETS SHALL EXTEND FULL HEIGHT OF PARTITIONS.

10. REVIEW PLANS AND PROVIDE BRACING IN PARTITIONS AS REQUIRED FOR MILLWORK, EQUIPMENT, ETC. WHERE WOOD BLOCKING IS INDICATED PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING.

11. ALL JAMBS AT DOORS, WINDOWS, AND OTHER OPENINGS SHALL BE DOUBLE STUDDED MINIMUM.

12. STUD THICKNESS SHALL BE INCREASED AS REQUIRED AT PLUMBING HANGERS, ELECTRICAL PANELS, ETC., WHICH EXCEED 4" FROM FINISH WALL FACE TO BACK OF UNIT.

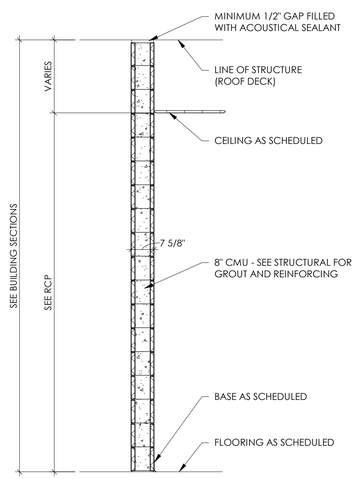
13. FURNISH ACCESS PANELS IN WALLS AND NON ACCESSIBLE TYPE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING OR ELECTRICAL EQUIPMENT IS REQUIRED.

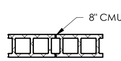
14. PROVIDE CONTROL JOINTS IN GYPSUM WALLBOARD AT 30 FEET O.C. MAXIMUM PER MANUFACTURER'S RECOMMENDATION. WHERE POSSIBLE, LOCATE JOINTS ABOVE DOOR FRAMES OR CHANGE IN PLANE. SUBMIT SHOP DRAWINGS FOR REVIEW OF CONTROL JOINT PROPOSED LOCATIONS PRIOR TO PREINSTALLATION MEETING. LOCATIONS ARE TO BE DISCUSSED AT PREINSTALLATION MEETING.

15. CEMENTITIOUS WALL BOARD IS TO BE INSTALLED AT ALL WALLS TO RECEIVE CERAMIC TILE OR CALCIUM SILICATE MANUFACTURED STONE MASONRY OR ADHERED MASONRY VENEER.

16. ALL GYPSUM WALLBOARD IN FIRE RATED WALLS SHALL BE FIRE RESISTIVE UL CLASSIFIED MATERIAL APPLIED IN STRICT CONFORMANCE TO THE APPLICABLE FIRE TEST DESIGN WITH JOINTS ON OPPOSITE WALL FACES STAGGERED. FASTENERS SHALL BE OF APPROVED TYPE AND INSTALLED IN ACCORDANCE WITH APPLICABLE FIRE TEST.

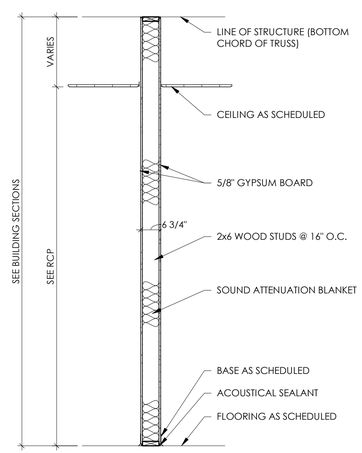
17. ALL WALLBOARD JOINTS SHALL BE TAPED AND FINISHED WITH JOINT COMPOUND, INCLUDING THOSE ABOVE CEILING WHETHER FIRE RATED OR NOT. PENETRATION FOR PIPES, CONDUIT, DUCTS, ETC., IN EXCESS OF 8" IN LARGEST DIMENSION SHALL BE FRAMED. PERIMETER OF PENETRATIONS SHALL BE TIGHTLY PACKED WITH MINERAL FIBER FIRE-SAFING INSULATION.

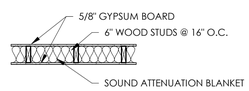




G1 **8" CMU SOUND PARTITION**

NOT TO SCALE

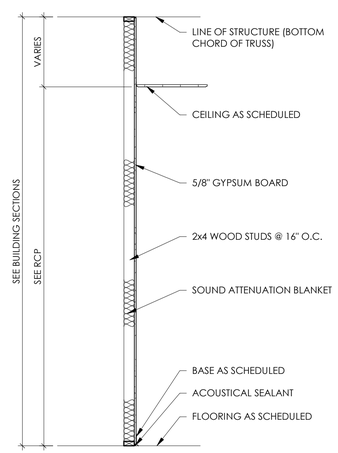


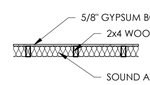


B2 **2x6 WOOD STUD PARTITION**

--

NOT TO SCALE

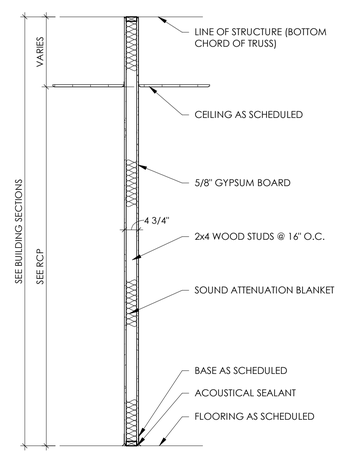


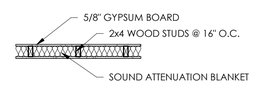


A2 **2x4 WOOD STUD PARTITION**

--

NOT TO SCALE





A1 **2x4 WOOD STUD PARTITION**

--

NOT TO SCALE

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

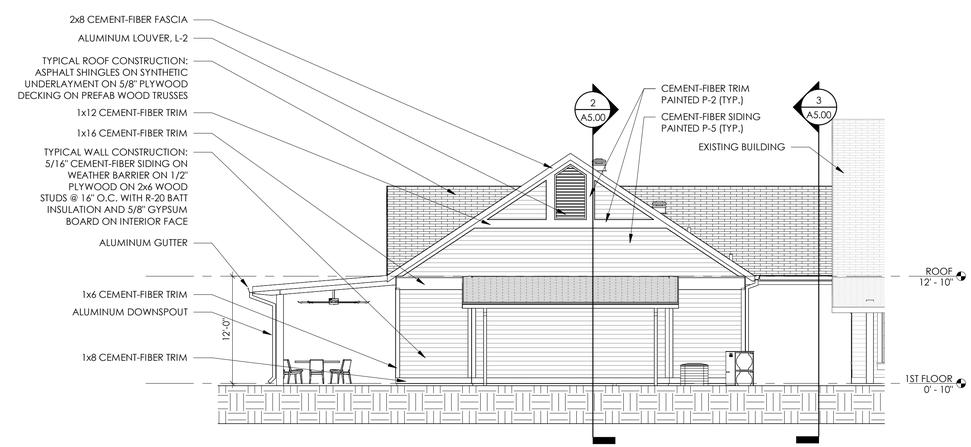
No	Date	Description

SHEET TITLE: PARTITION SCHEDULE AND CAST STONE LEGEND

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

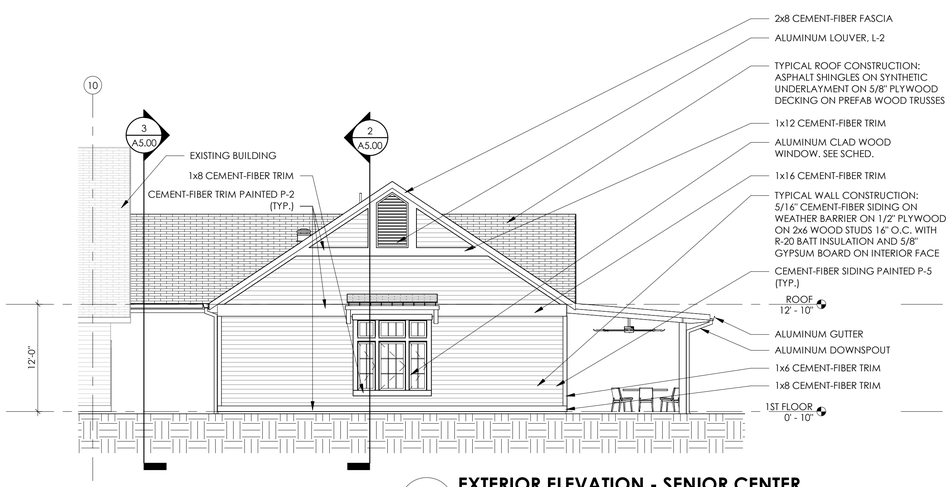
A3.10

10/26/2023 8:22:21 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



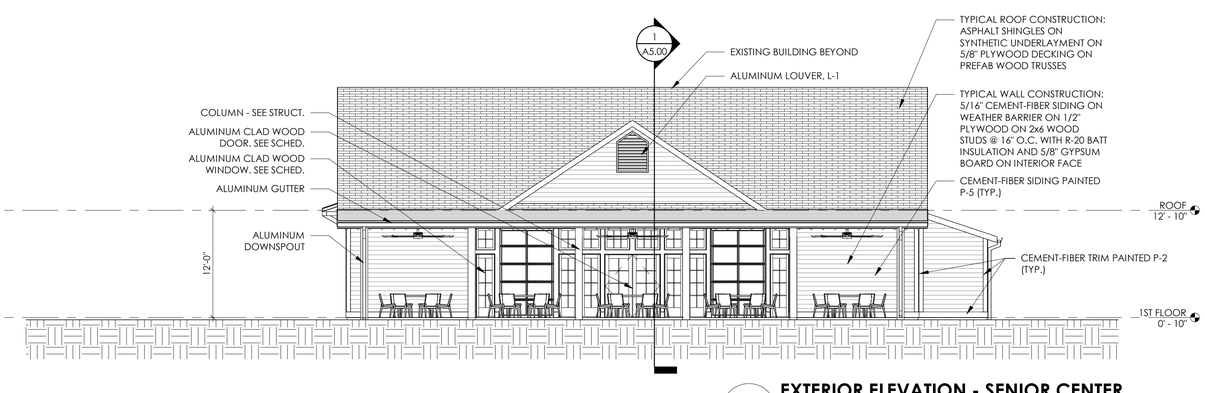
3 A4.00 **EXTERIOR ELEVATION - SENIOR CENTER ADDITION**
1/8" = 1'-0"

ALTERNATE NO. 01



2 A4.00 **EXTERIOR ELEVATION - SENIOR CENTER ADDITION**
1/8" = 1'-0"

ALTERNATE NO. 01



1 A4.00 **EXTERIOR ELEVATION - SENIOR CENTER ADDITION**
1/8" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER & BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

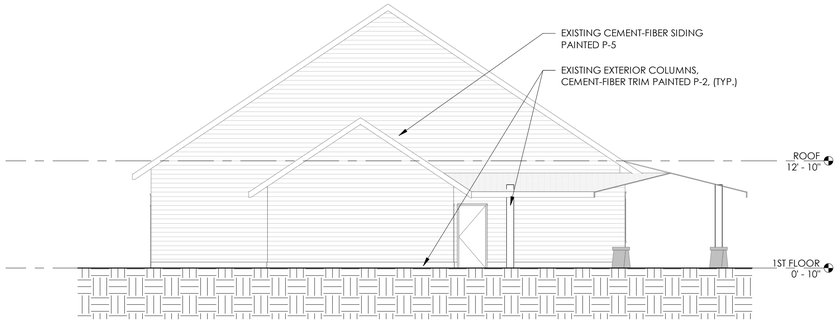
No	Date	Description

SHEET TITLE: EXTERIOR ELEVATIONS - SENIOR CENTER ADDITION

PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, MCB, HHB

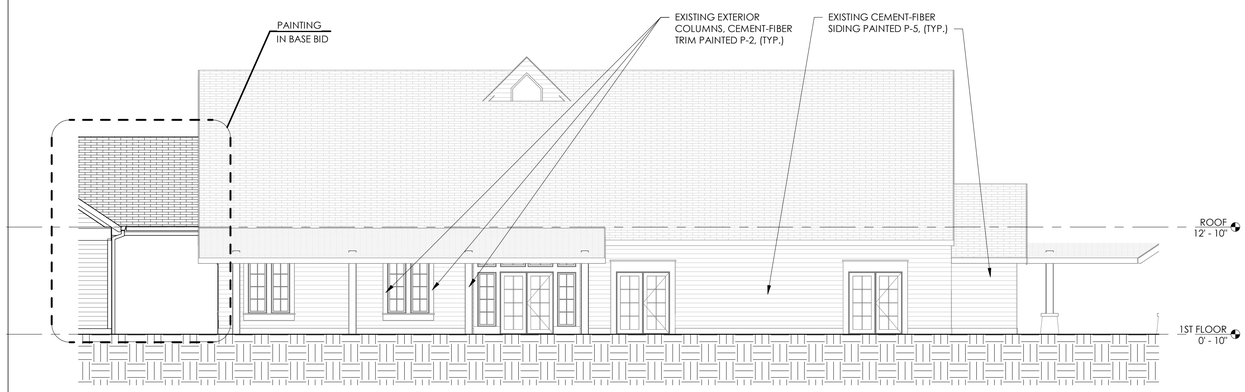
A4.00

10/26/2023 8:22:22 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



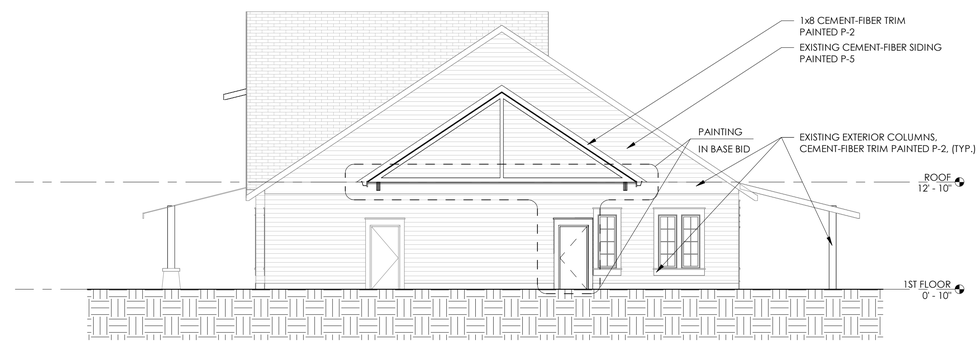
4 A4.00A **EXTERIOR ELEVATION - EXISTING SENIOR CENTER**
1/8" = 1'-0"

ALTERNATE NO. 01A - PAINT EXISTING SENIOR CENTER



3 A4.00A **EXTERIOR ELEVATION - EXISTING SENIOR CENTER**
1/8" = 1'-0"

ALTERNATE NO. 01A - PAINT EXISTING SENIOR CENTER



2 A4.00A **EXTERIOR ELEVATION - EXISTING SENIOR CENTER**
1/8" = 1'-0"

ALTERNATE NO. 01A - PAINT EXISTING SENIOR CENTER

1 A4.00A **EXTERIOR ELEVATION - EXISTING SENIOR CENTER**
1/8" = 1'-0"

ALTERNATE NO. 01A - PAINT EXISTING SENIOR CENTER

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

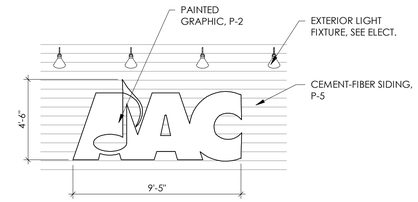
No	Date	Description

SHEET TITLE: EXTERIOR ELEVATIONS - EXISTING SENIOR CENTER

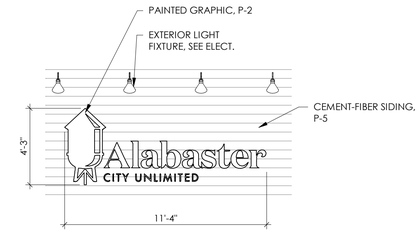
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A4.00A

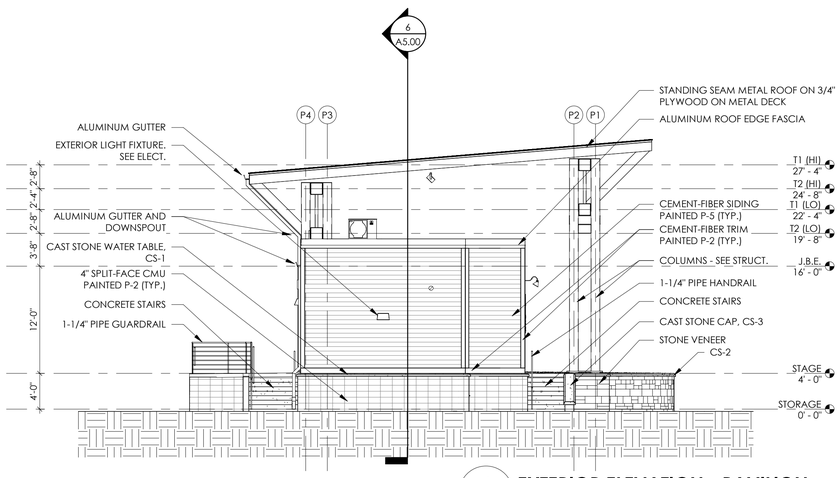
10/26/2023 8:22:22 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



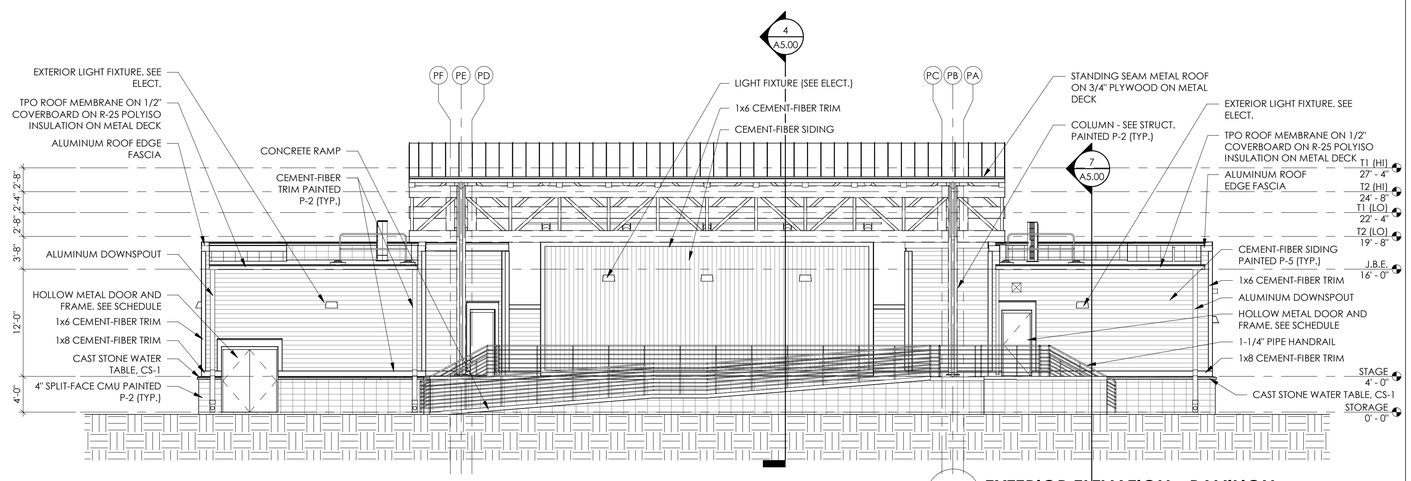
6 / A4.01 **SIGNAGE ELEVATION**
1/4" = 1'-0"



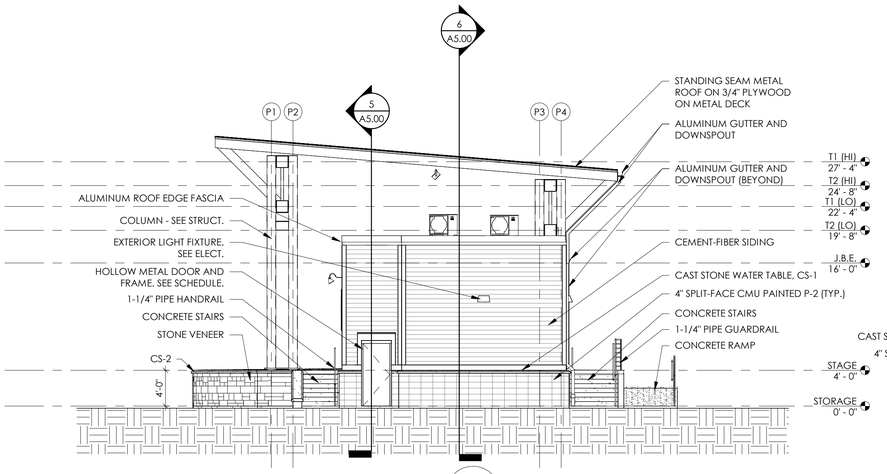
5 / A4.01 **SIGNAGE ELEVATION**
1/4" = 1'-0"



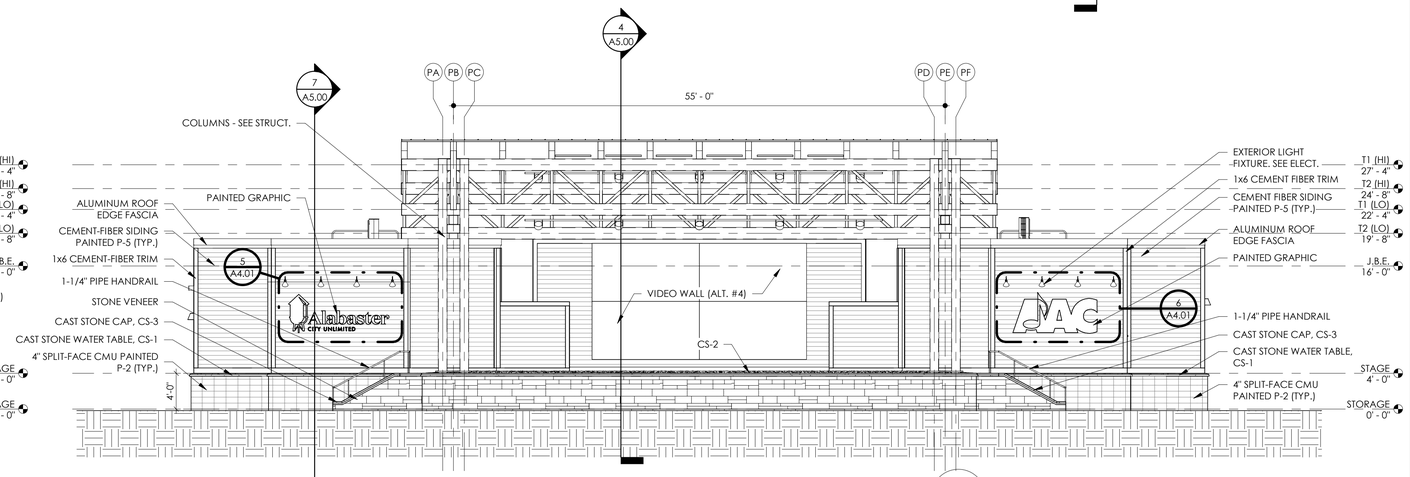
4 / A4.01 **EXTERIOR ELEVATION - PAVILION**
1/8" = 1'-0"



3 / A4.01 **EXTERIOR ELEVATION - PAVILION**
1/8" = 1'-0"



2 / A4.01 **EXTERIOR ELEVATION - PAVILION**
1/8" = 1'-0"



1 / A4.01 **EXTERIOR ELEVATION - PAVILION**
1/8" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

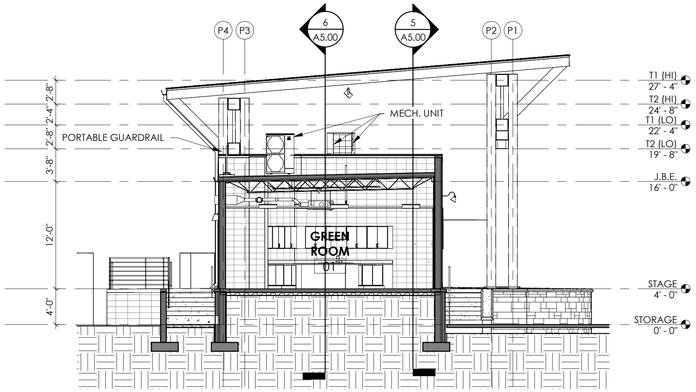
No	Date	Description

SHEET TITLE: EXTERIOR ELEVATIONS - PAVILION

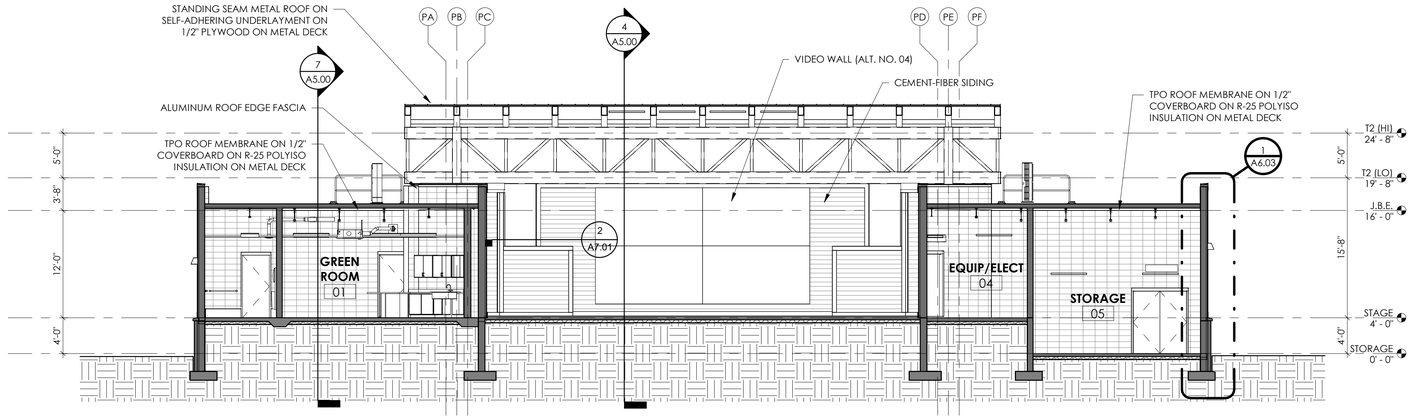
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A4.01

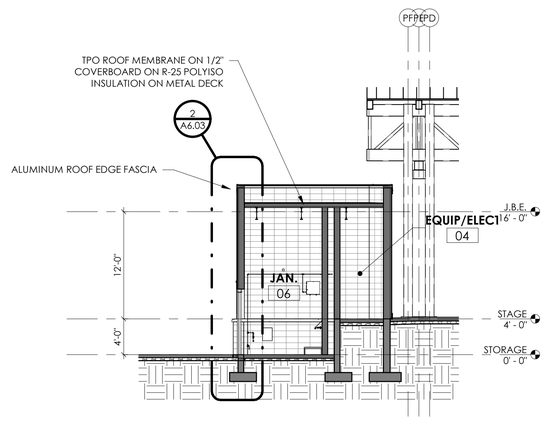
10/26/2023 8:22:24 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



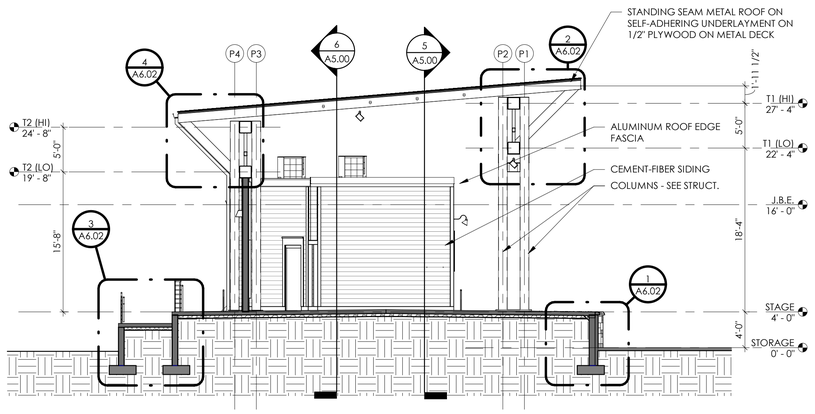
7 A5.00 **BUILDING SECTION - PAVILION**
1/8" = 1'-0"



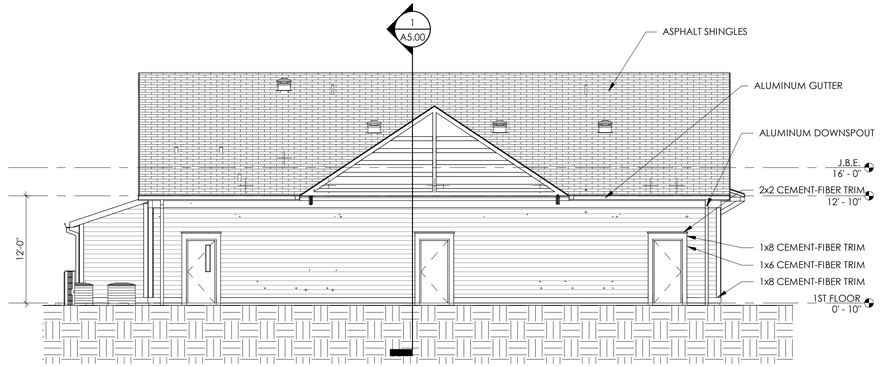
6 A5.00 **BUILDING SECTION - PAVILION**
1/8" = 1'-0"



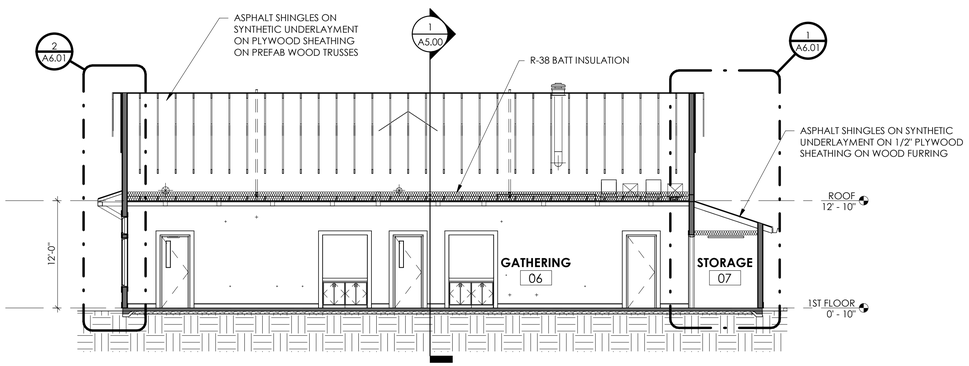
5 A5.00 **BUILDING SECTION - PAVILION**
1/8" = 1'-0"



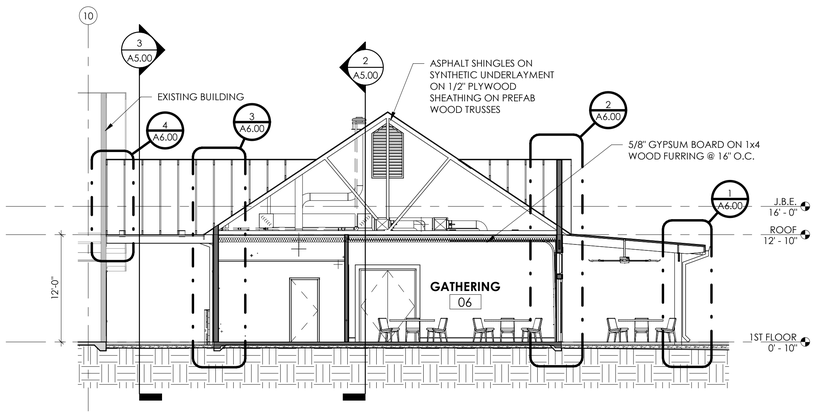
4 A5.00 **BUILDING SECTION - PAVILION**
1/8" = 1'-0"



3 A5.00 **BUILDING SECTION - SENIOR CENTER ADDITION**
1/8" = 1'-0"
ALTERNATE NO. 01



2 A5.00 **BUILDING SECTION - SENIOR CENTER ADDITION**
1/8" = 1'-0"
ALTERNATE NO. 01



1 A5.00 **BUILDING SECTION - SENIOR CENTER ADDITION**
1/8" = 1'-0"
ALTERNATE NO. 01

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

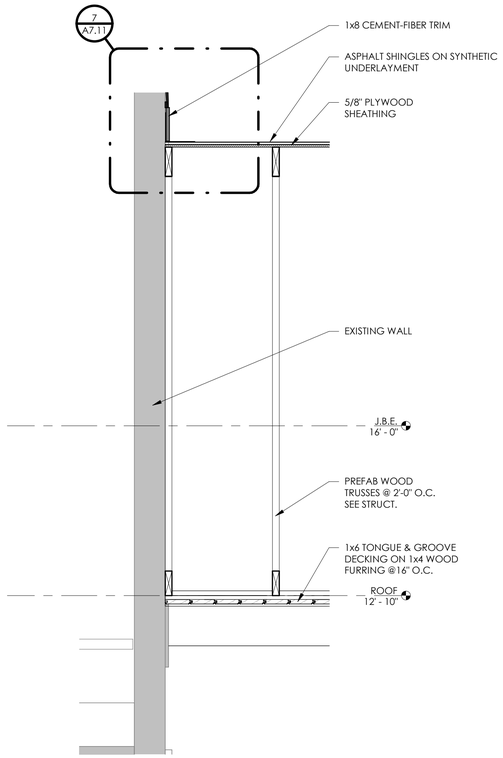
No	Date	Description

SHEET TITLE: BUILDING SECTIONS

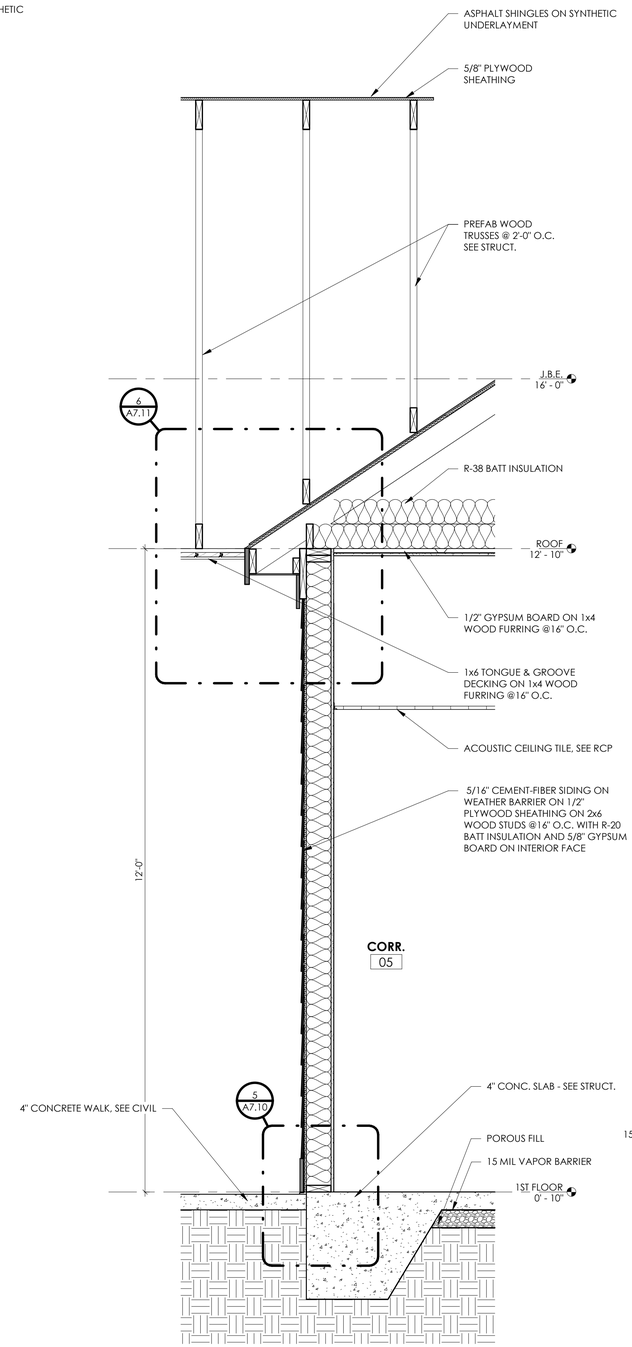
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A5.00

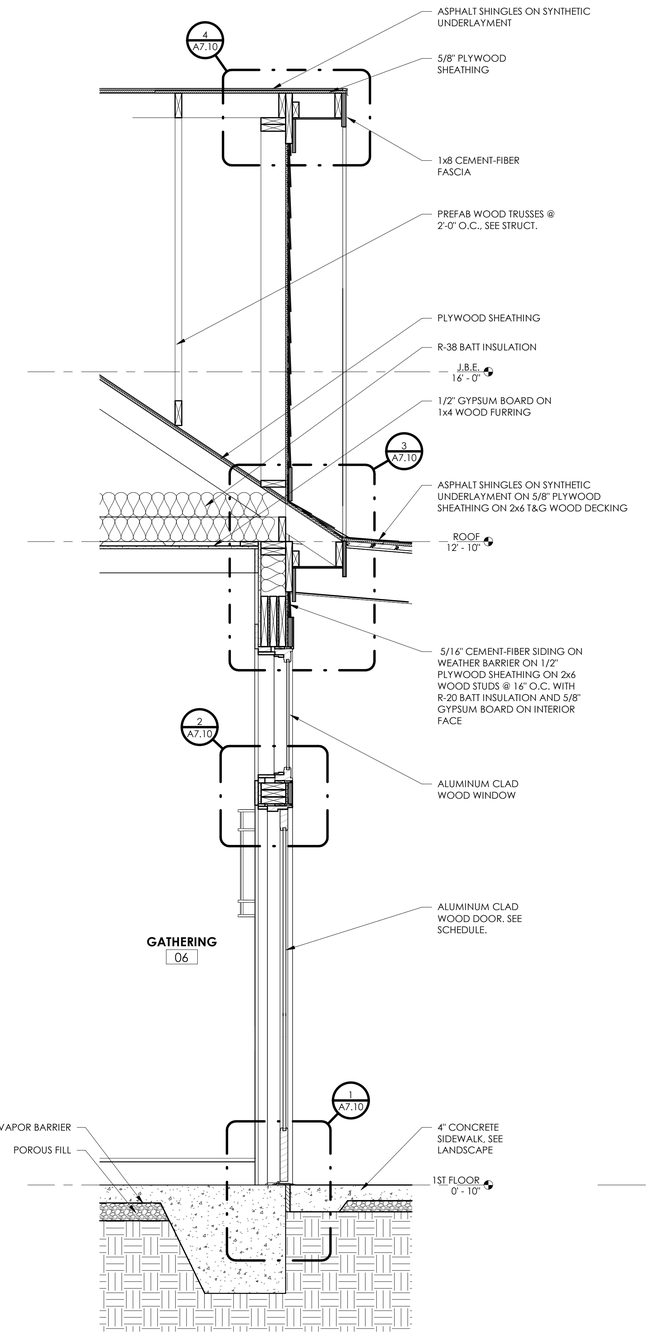
10/26/2023 8:22:28 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



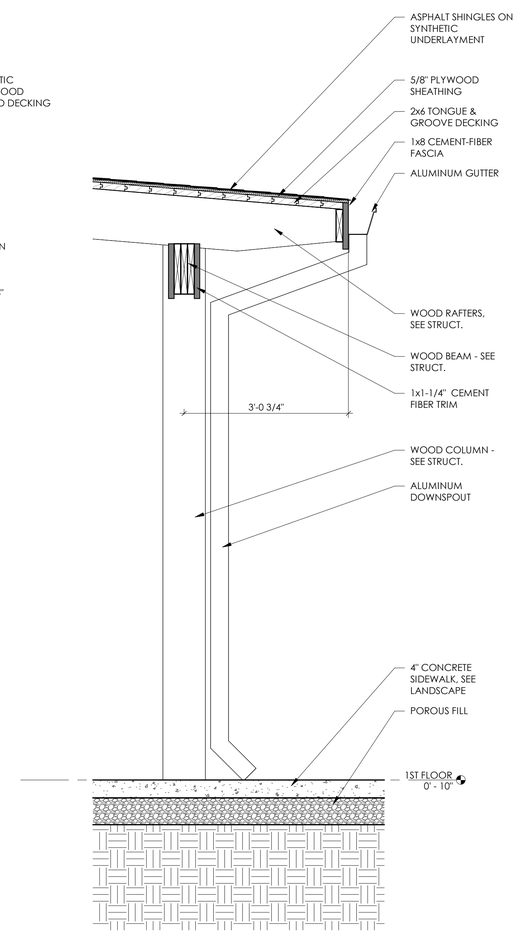
4 A6.00 **WALL SECTION**
3/4" = 1'-0"
ALTERNATE NO. 01



3 A6.00 **WALL SECTION**
3/4" = 1'-0"
ALTERNATE NO. 01



2 A6.00 **WALL SECTION**
3/4" = 1'-0"
ALTERNATE NO. 01



1 A6.00 **WALL SECTION**
3/4" = 1'-0"
ALTERNATE NO. 01

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

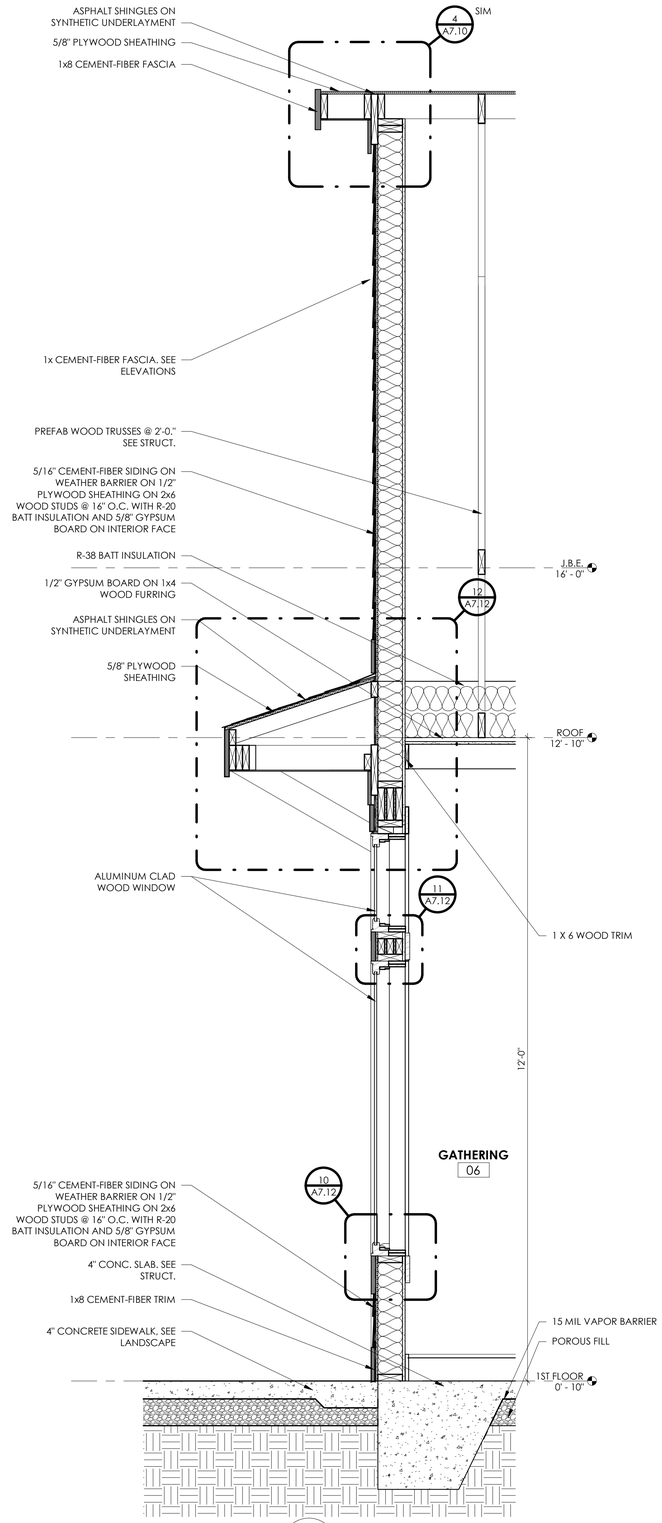
No	Date	Description

SHEET TITLE: WALL SECTIONS - SENIOR CENTER ADDITION

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A6.00

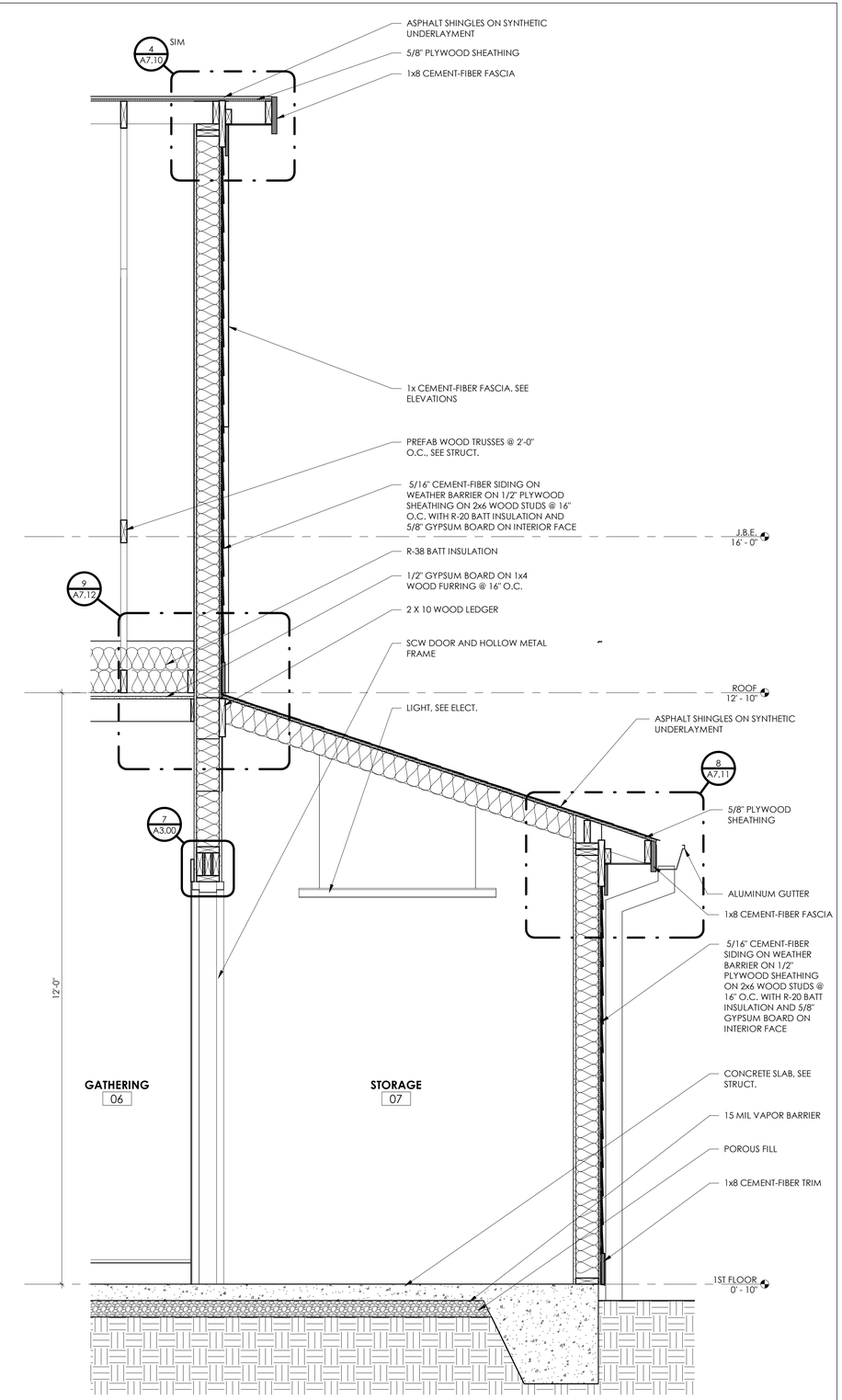
10/26/2023 8:22:29 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



2 A6.01 **WALL SECTION**

3/4" = 1'-0"

ALTERNATE NO. 01



1 A6.01 **WALL SECTION**

3/4" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER & BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

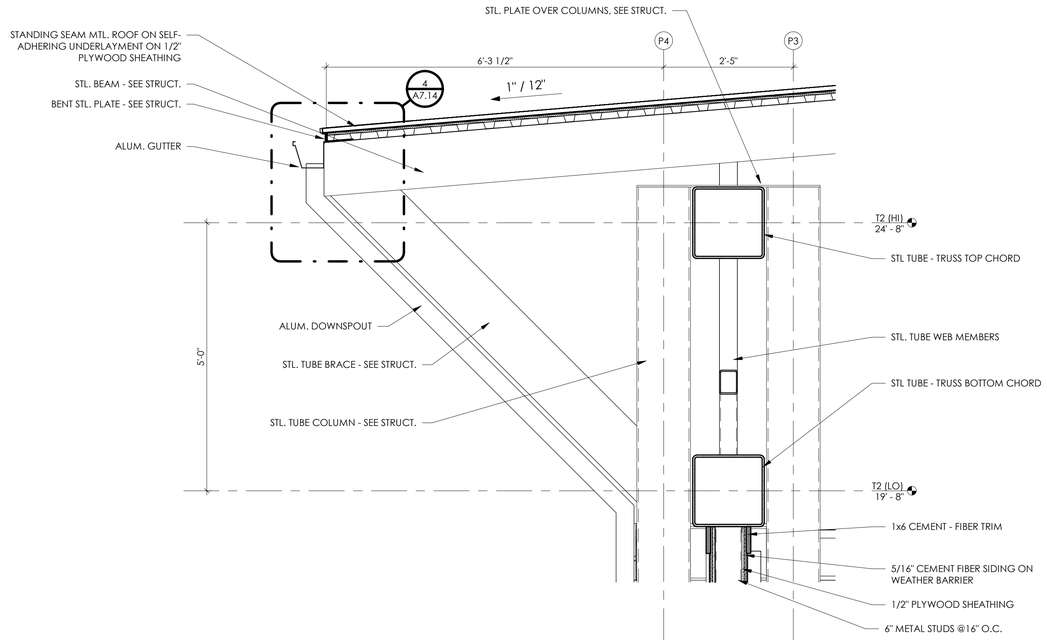
No	Date	Description

SHEET TITLE: WALL SECTIONS - SENIOR CENTER ADDITION

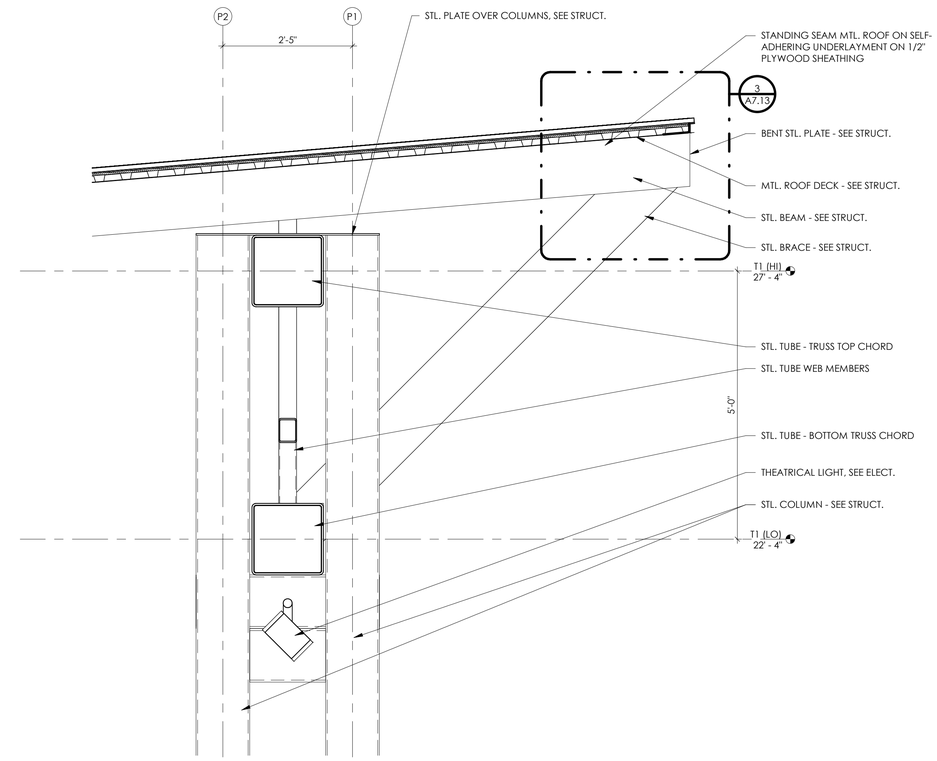
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A6.01

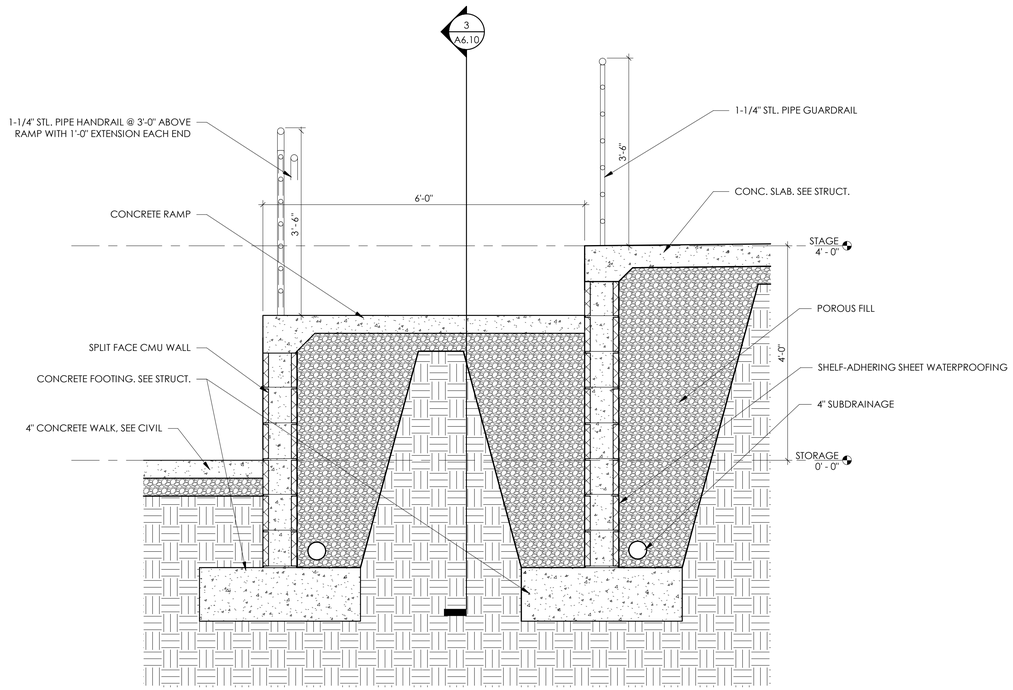
10/26/2023 8:22:37 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



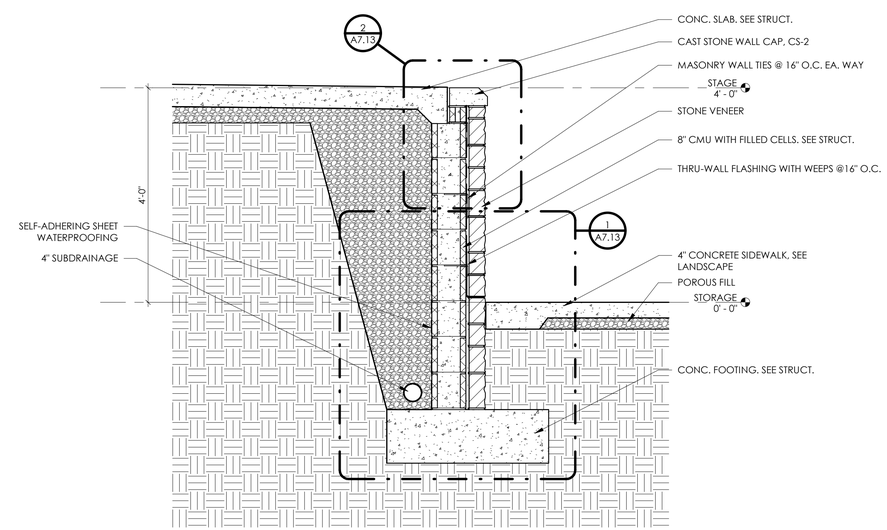
4 A6.02 **WALL SECTION**
3/4" = 1'-0"



2 A6.02 **WALL SECTION**
3/4" = 1'-0"



3 A6.02 **WALL SECTION**
3/4" = 1'-0"



1 A6.02 **WALL SECTION**
3/4" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

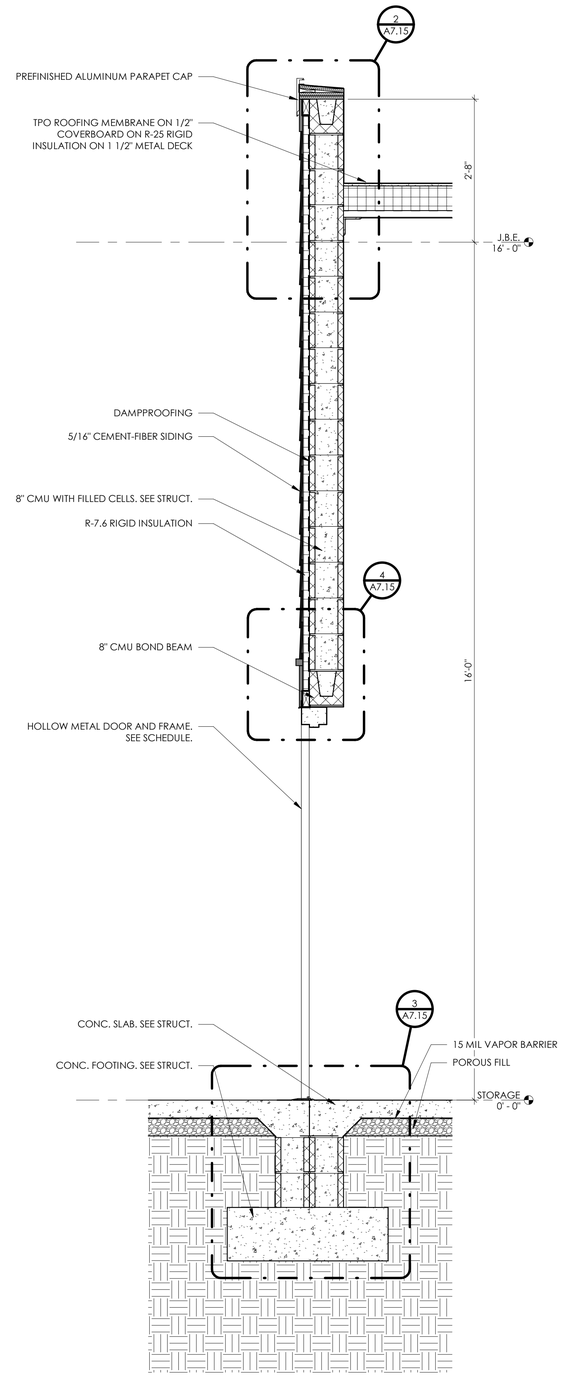
No	Date	Description

SHEET TITLE: WALL SECTIONS - PAVILION

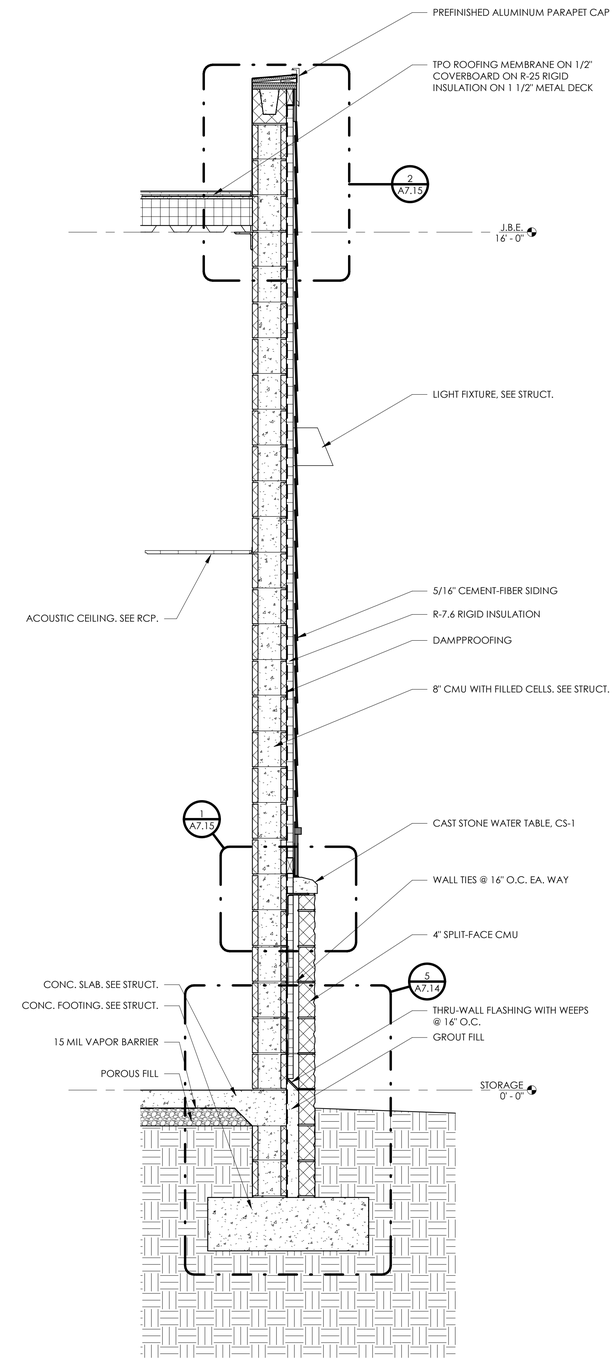
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A6.02

10/26/2023 8:22:29 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



2 A6.03 **WALL SECTION**
3/4" = 1'-0"



1 A6.03 **WALL SECTION**
3/4" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER L. BATSON
REGISTERED ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

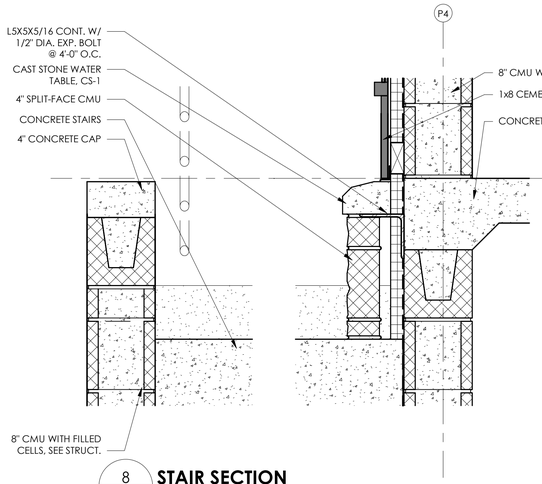
No	Date	Description

SHEET TITLE: WALL SECTIONS - PAVILION

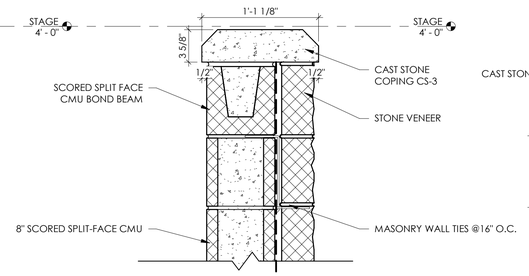
PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, MCB, HHB

A6.03

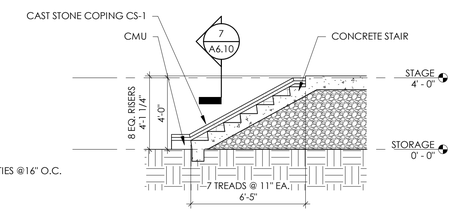
10/26/2023 8:22:37 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



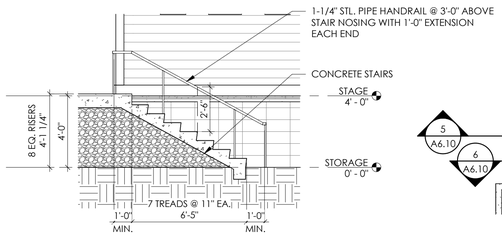
8 / A6.10 **STAIR SECTION**
1 1/2" = 1'-0"



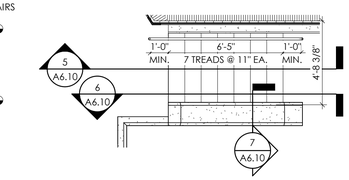
7 / A6.10 **SECTION DETAIL**
1 1/2" = 1'-0"



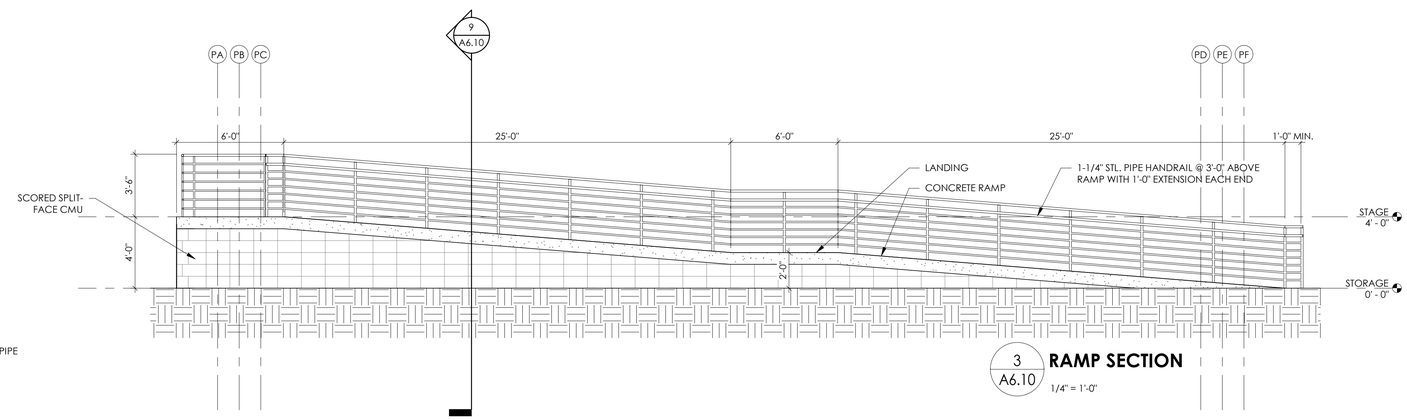
6 / A6.10 **STAIR SECTION**
1/4" = 1'-0"



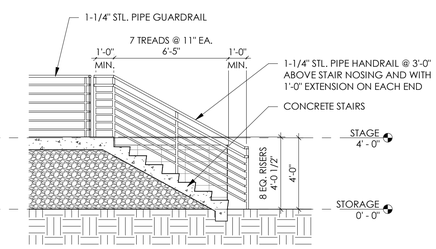
5 / A6.10 **STAIR SECTION**
1/4" = 1'-0"



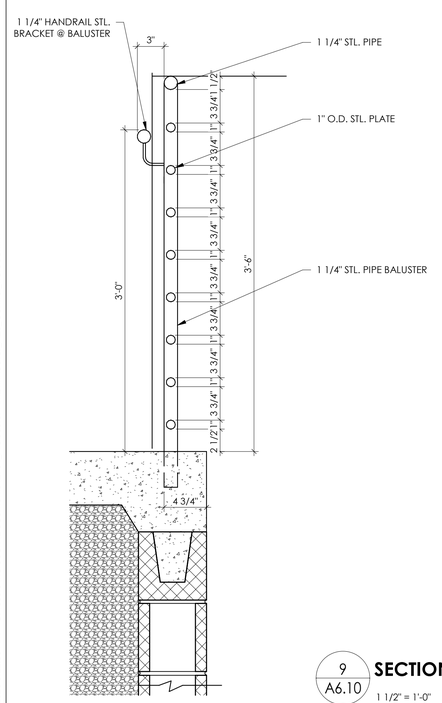
4 / A6.10 **ENLARGED STAIR PLAN**
1/4" = 1'-0"



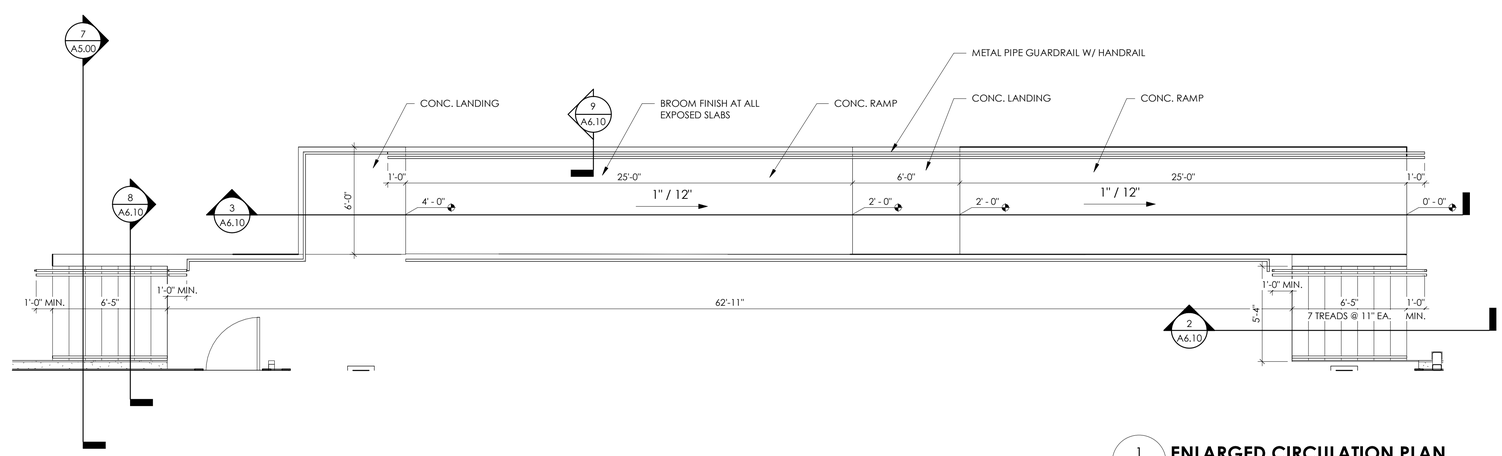
3 / A6.10 **RAMP SECTION**
1/4" = 1'-0"



2 / A6.10 **STAIR SECTION**
1/4" = 1'-0"



9 / A6.10 **SECTION DETAIL**
1 1/2" = 1'-0"



1 / A6.10 **ENLARGED CIRCULATION PLAN**
1/4" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER & BATSON
REGISTERED ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

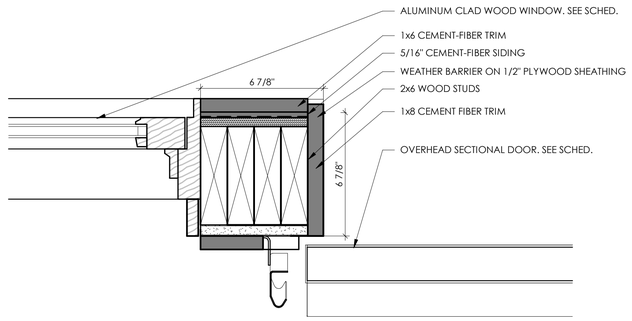
No	Date	Description

SHEET TITLE: VERTICAL CIRCULATION

PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, MCB, HHB

A6.10

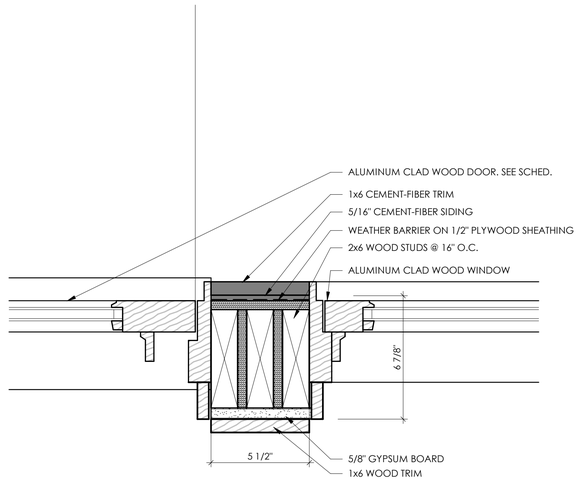
10/26/2023 8:22:30 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



5 / A7.00 **PLAN DETAIL - SENIOR CENTER ADDITION**

3" = 1'-0"

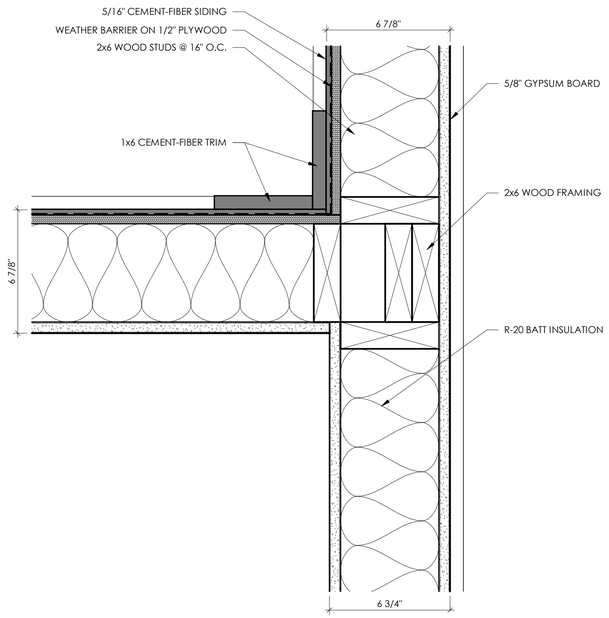
ALTERNATE NO. 01



3 / A7.00 **PLAN DETAIL - SENIOR CENTER ADDITION**

3" = 1'-0"

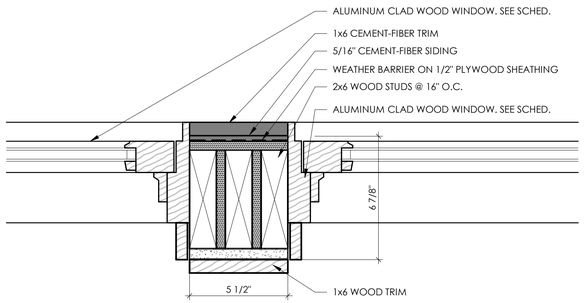
ALTERNATE NO. 01



6 / A7.00 **PLAN DETAIL - SENIOR CENTER ADDITION**

3" = 1'-0"

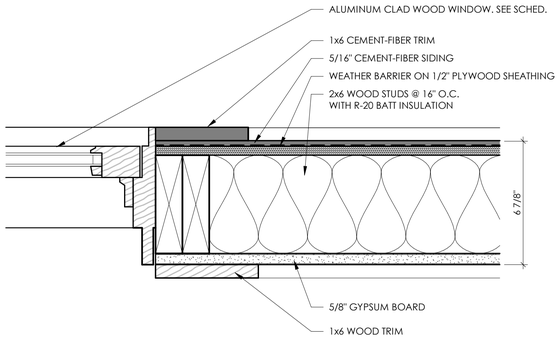
ALTERNATE NO. 01



4 / A7.00 **PLAN DETAIL - SENIOR CENTER ADDITION**

3" = 1'-0"

ALTERNATE NO. 01



2 / A7.00 **PLAN DETAIL - SENIOR CENTER ADDITION**

3" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

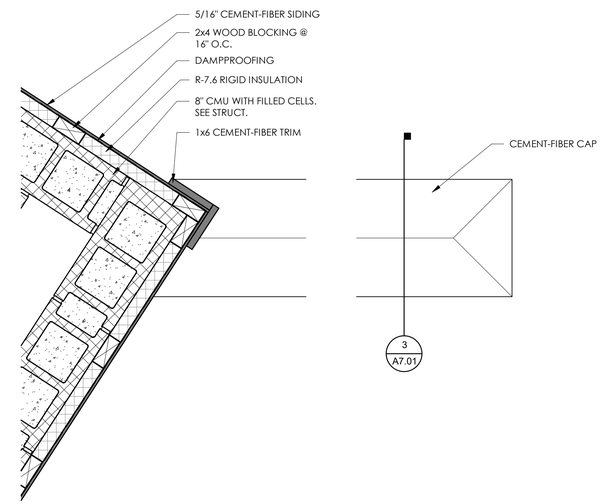
No	Date	Description

SHEET TITLE: PLAN DETAILS

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

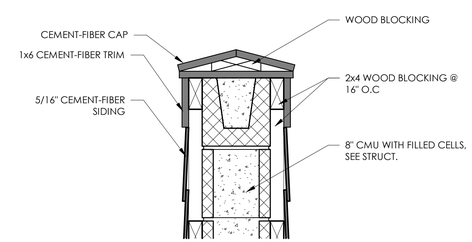
A7.00

10/26/2023 8:22:31 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



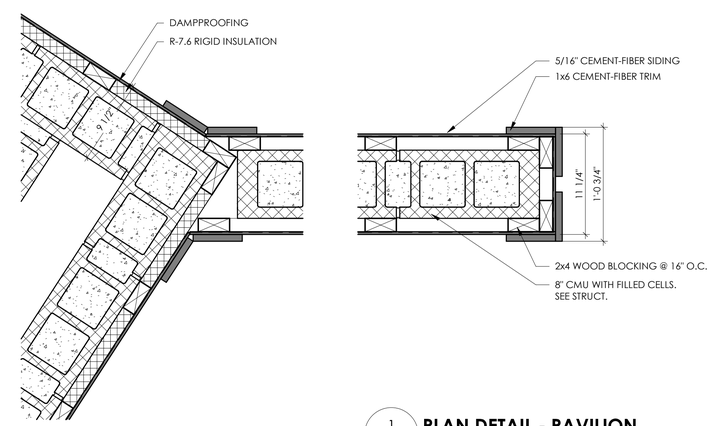
2 A7.01 **PLAN DETAIL - PAVILION**

1 1/2" = 1'-0"



3 A7.01 **SECTION DETAIL @ CAP**

1 1/2" = 1'-0"



1 A7.01 **PLAN DETAIL - PAVILION**

1 1/2" = 1'-0"

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

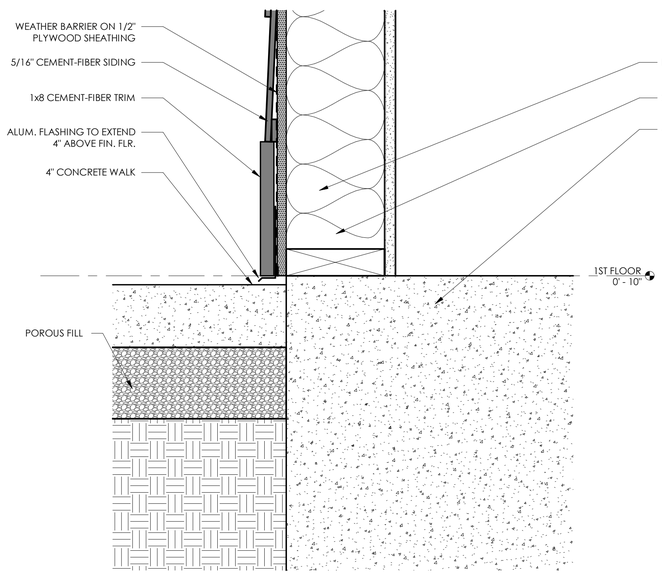
No	Date	Description

SHEET TITLE: PLAN DETAILS

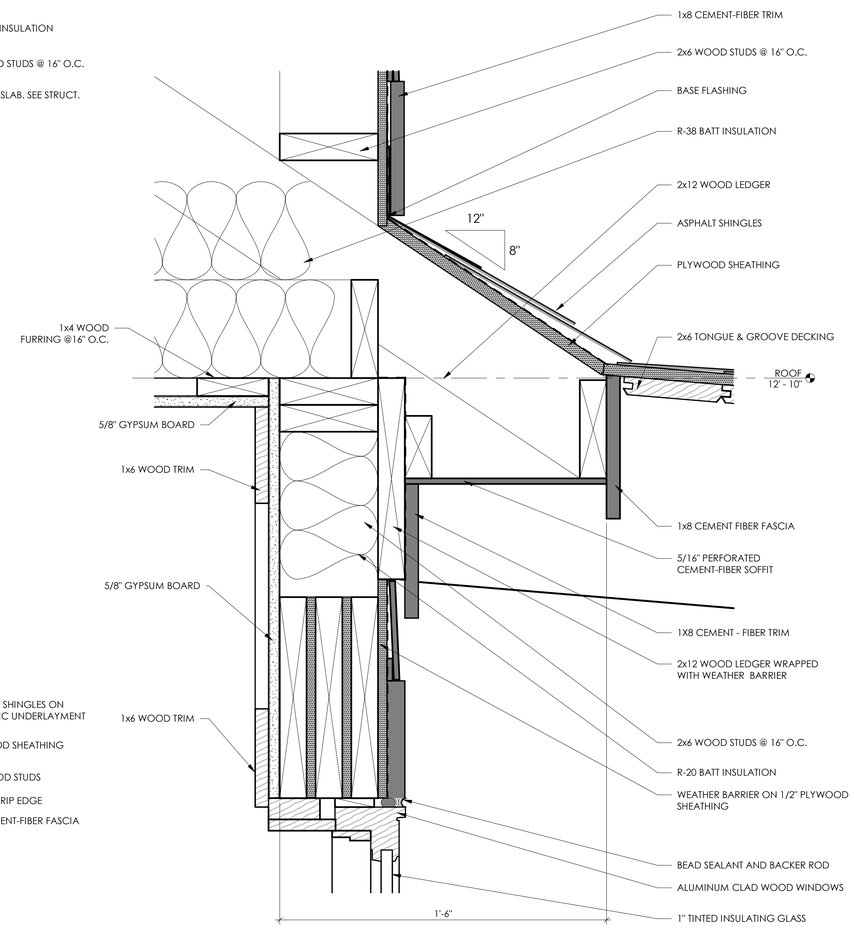
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A7.01

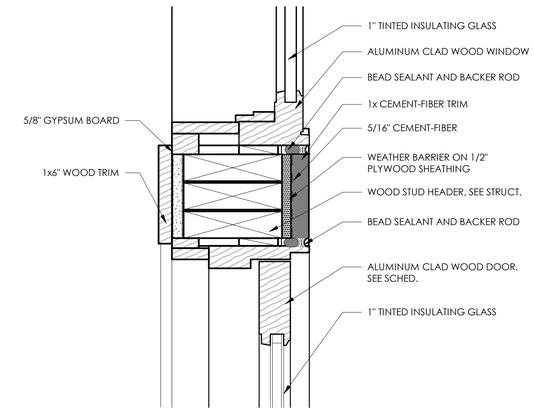
10/26/2023 8:22:38 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



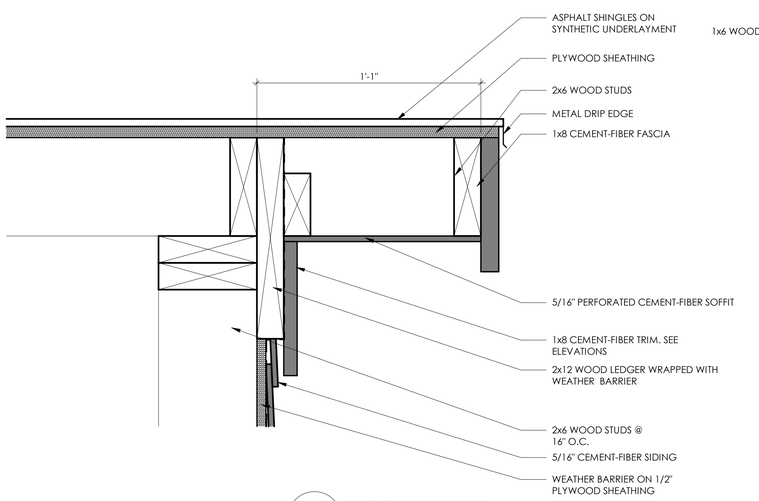
5 / A7.10 **SECTION DETAIL**
3" = 1'-0"



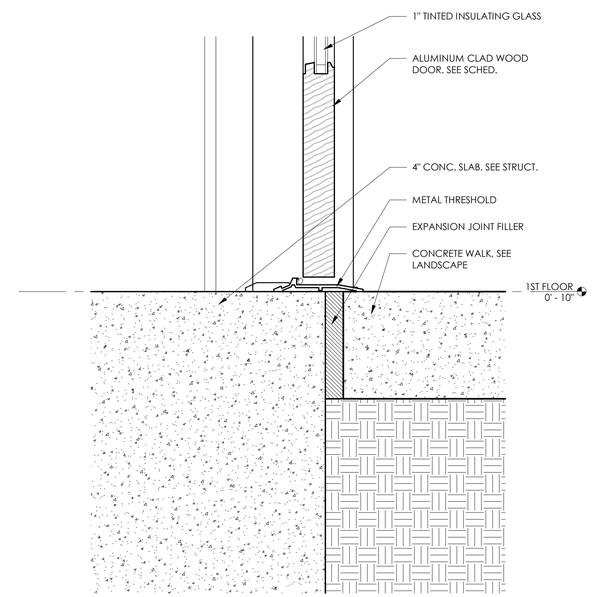
3 / A7.10 **SECTION DETAIL**
3" = 1'-0"



2 / A7.10 **SECTION DETAIL**
3" = 1'-0"



4 / A7.10 **SECTION DETAIL**
3" = 1'-0"



1 / A7.10 **SECTION DETAIL**
3" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

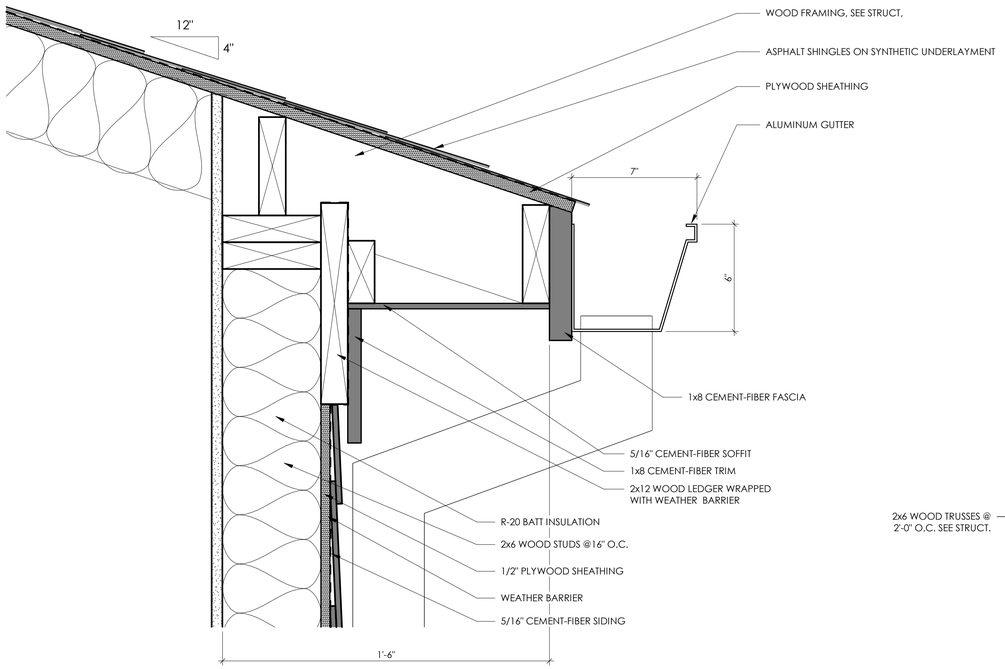
No	Date	Description

SHEET TITLE: SECTION DETAILS - ALTERNATE NO. 1

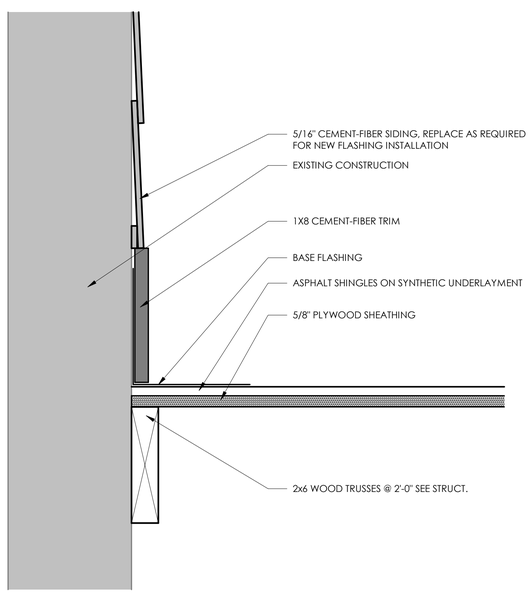
PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, MCB, HHB

A7.10

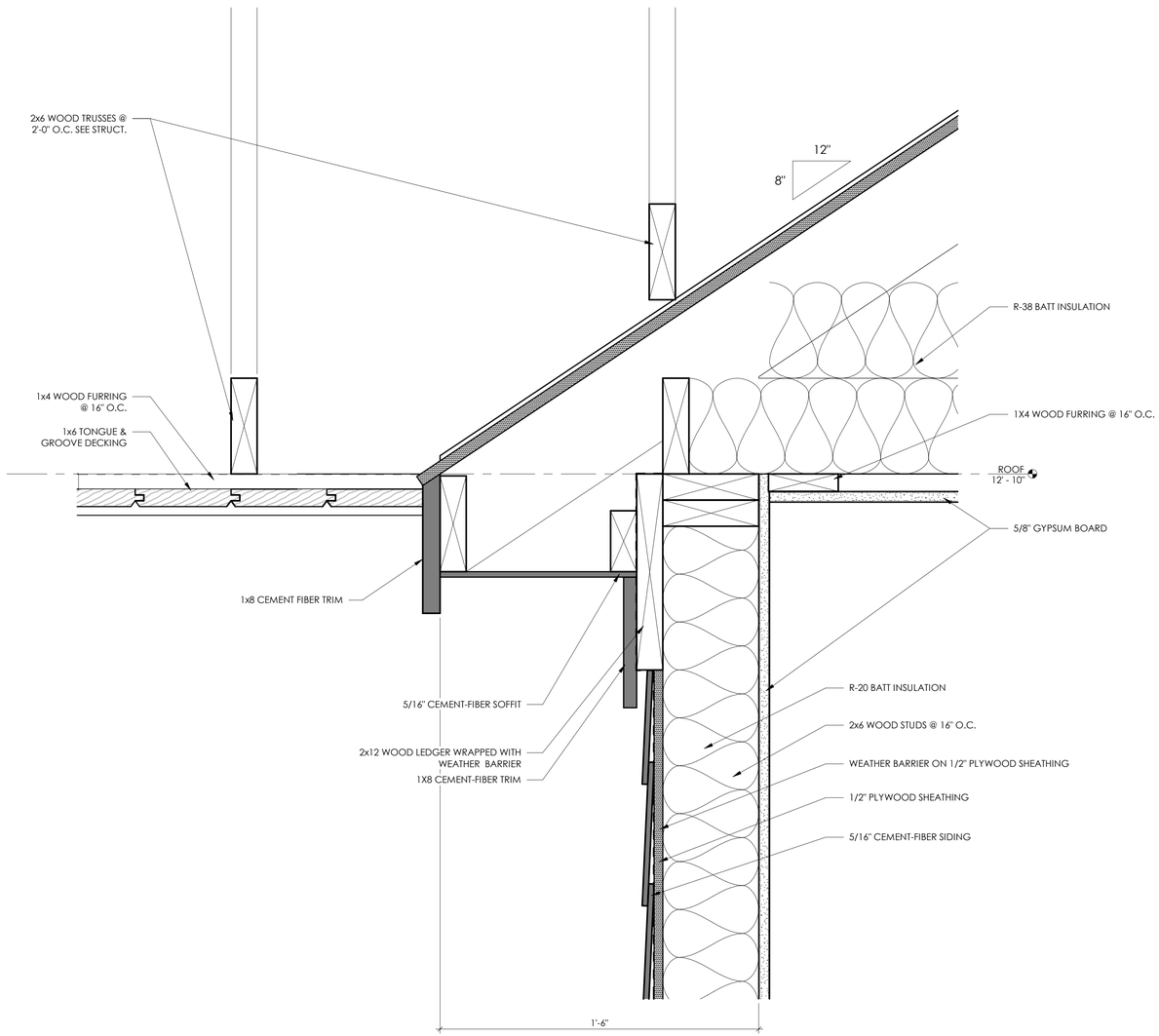
10/26/2023 8:22:39 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



8 / A7.11 **SECTION DETAIL**
3" = 1'-0"



7 / A7.11 **SECTION DETAIL**
3" = 1'-0"



6 / A7.11 **SECTION DETAIL**
3" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

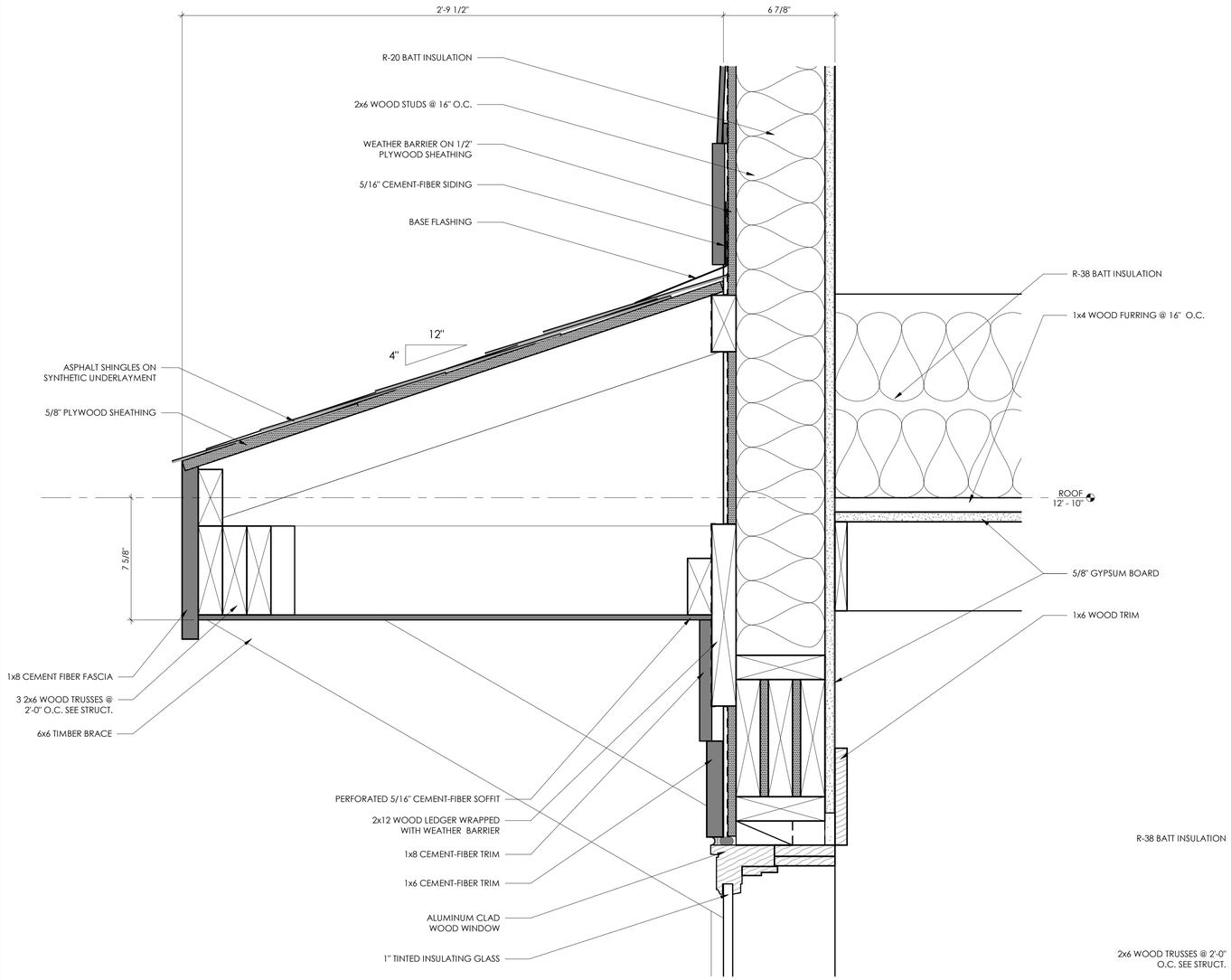
No	Date	Description

SHEET TITLE: SECTION DETAILS - ALTERNATE NO. 1

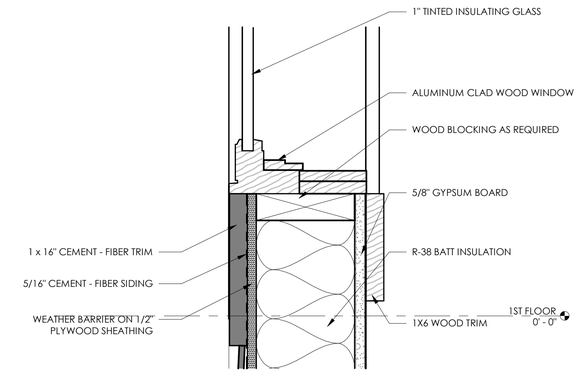
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A7.11

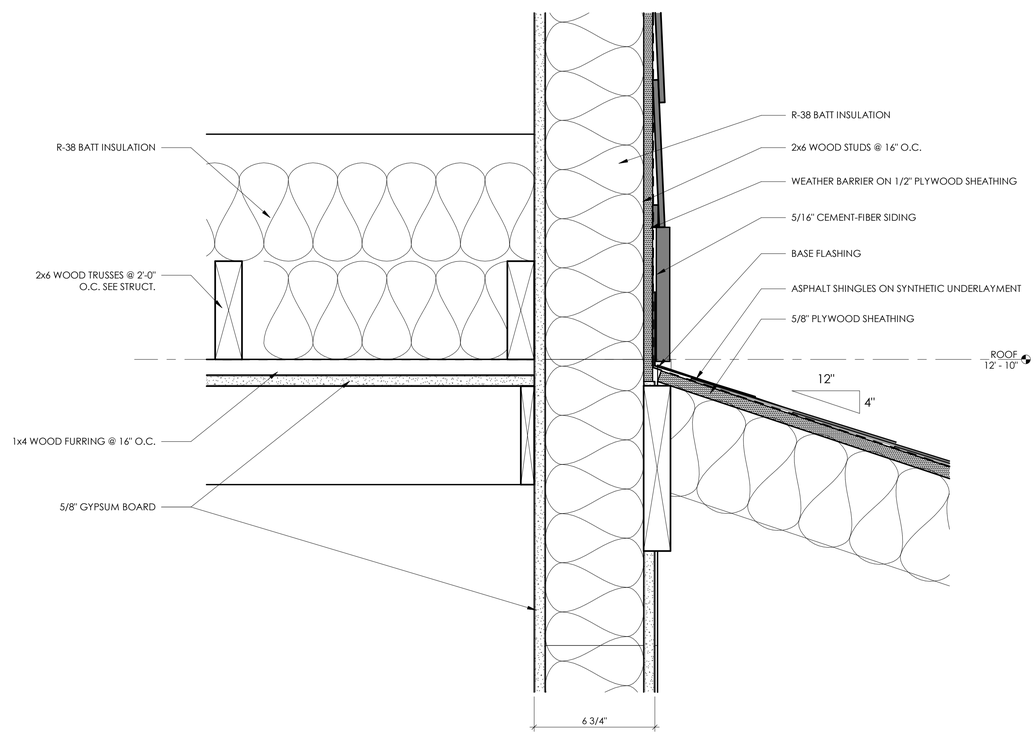
10/26/2023 8:22:39 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



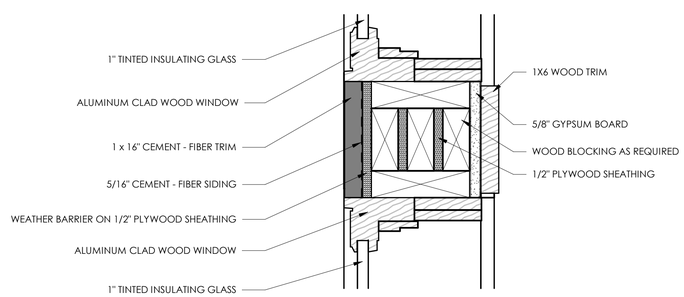
12 / A7.12 **SECTION DETAIL**
3" = 1'-0"



10 / A7.12 **SECTION DETAIL**
3" = 1'-0"



9 / A7.12 **SECTION DETAIL**
3" = 1'-0"



11 / A7.12 **SECTION DETAIL**
3" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

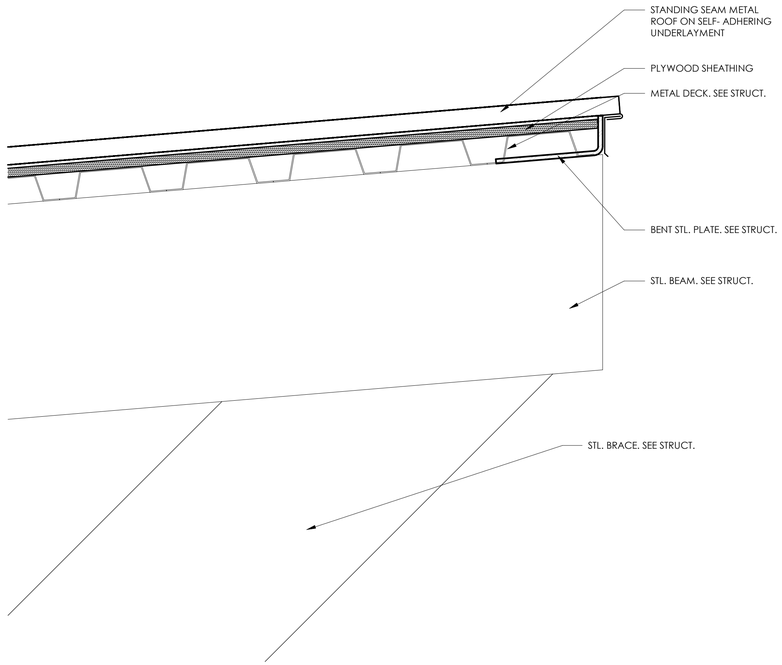
No	Date	Description

SHEET TITLE: SECTION DETAILS - ALTERNATE NO.1

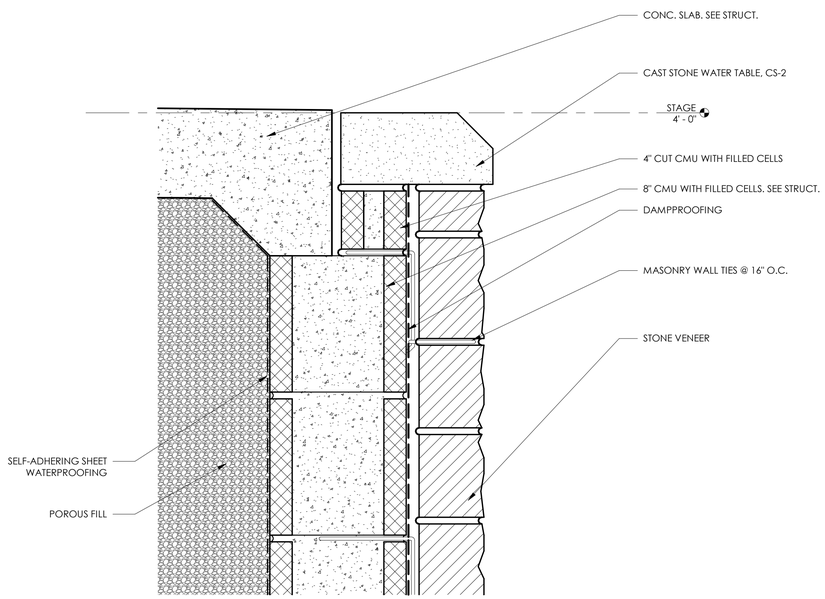
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A7.12

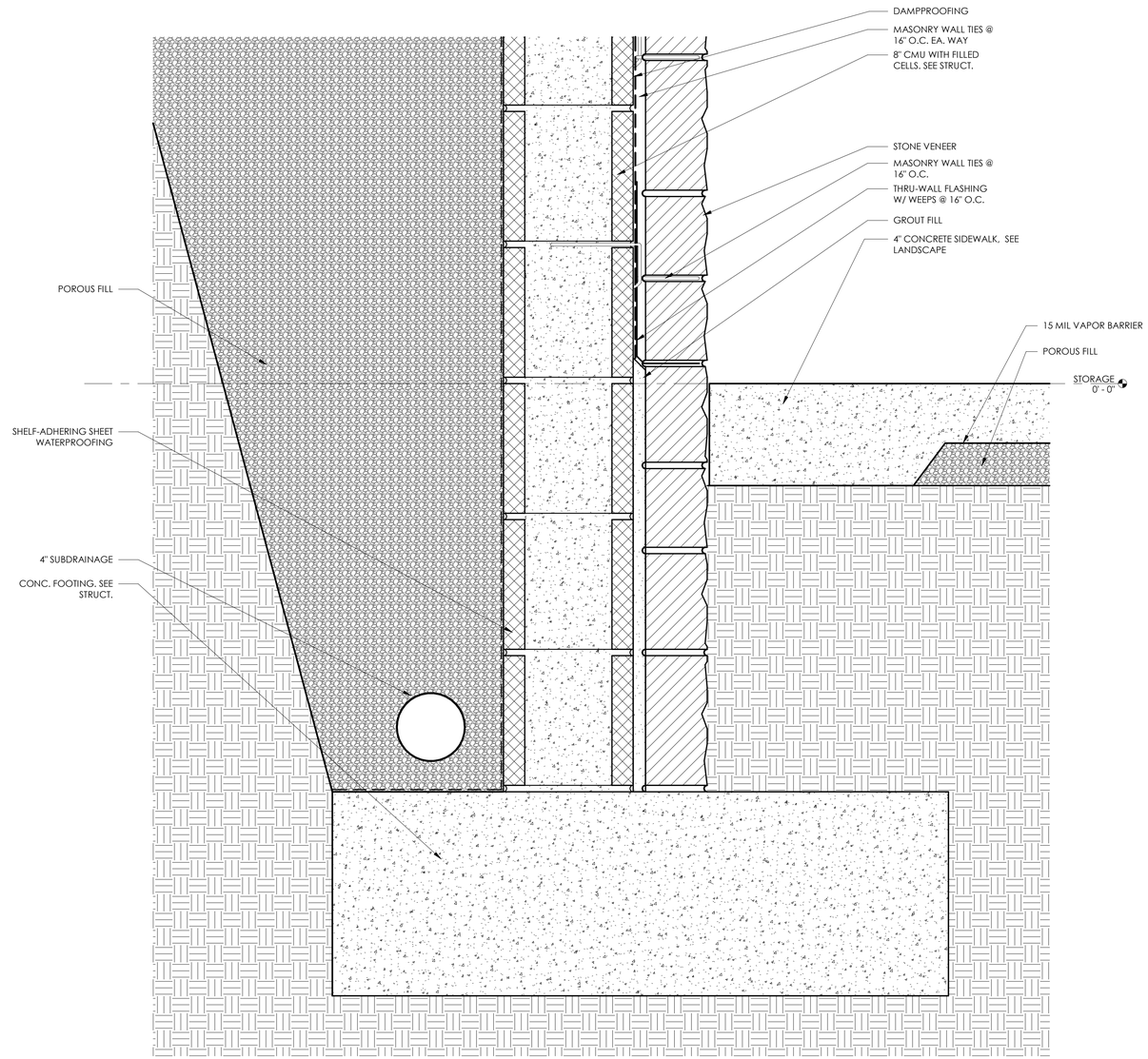
10/26/2023 8:22:40 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



3 A7.13 **SECTION DETAIL**
3" = 1'-0"



2 A7.13 **SECTION DETAIL**
3" = 1'-0"



1 A7.13 **SECTION DETAIL**
3" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER L. BATSON
REGISTERED ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

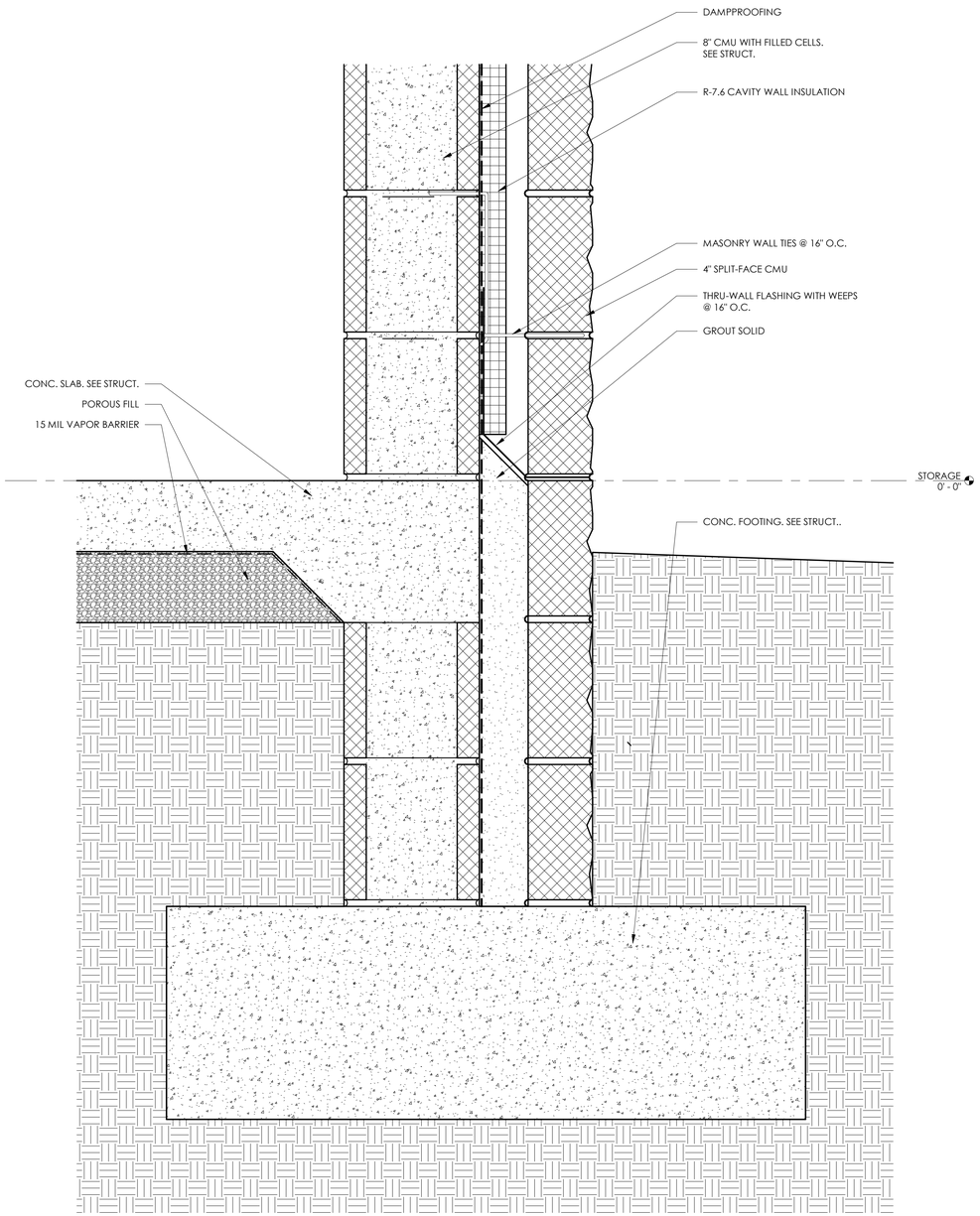
No	Date	Description

SHEET TITLE: SECTION DETAILS

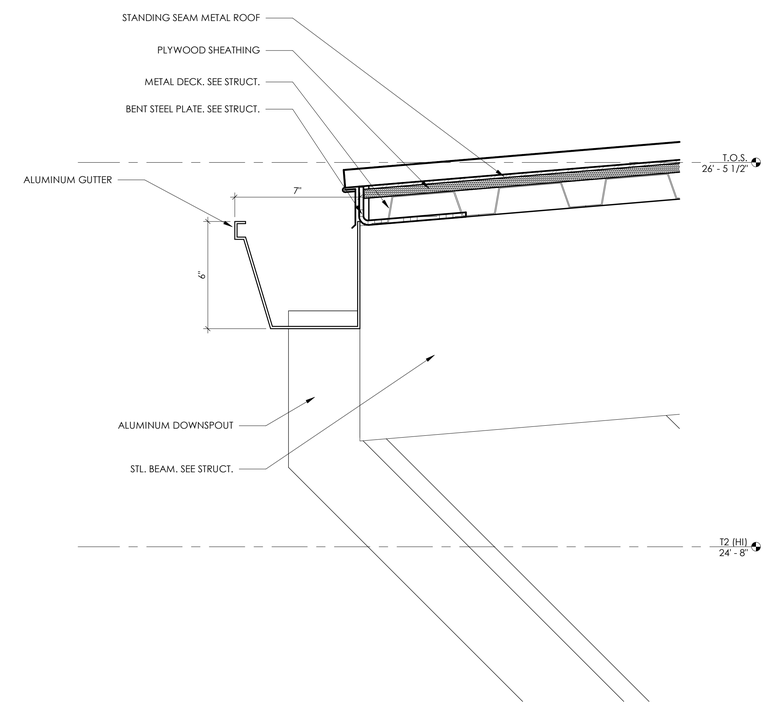
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A7.13

10/26/2023 8:22:41 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



5
A7.14
SECTION DETAIL
3" = 1'-0"



4
A7.14
SECTION DETAIL
3" = 1'-0"

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

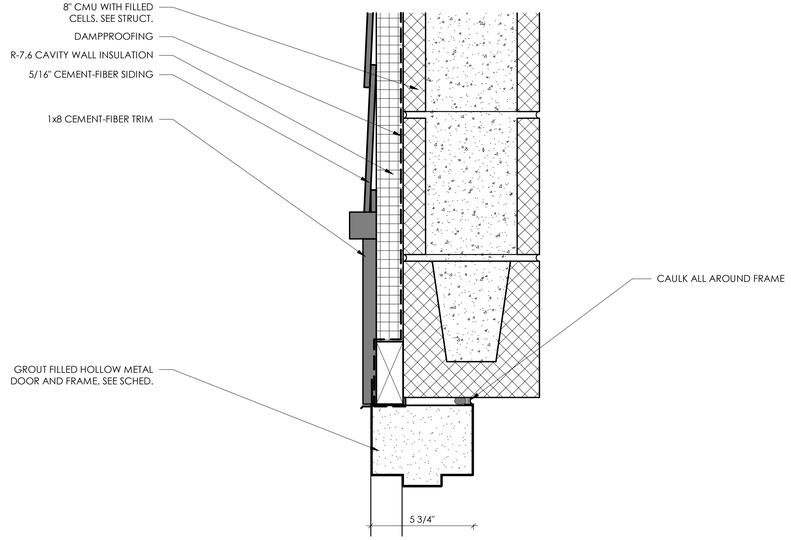
No	Date	Description

SHEET TITLE: SECTION DETAILS

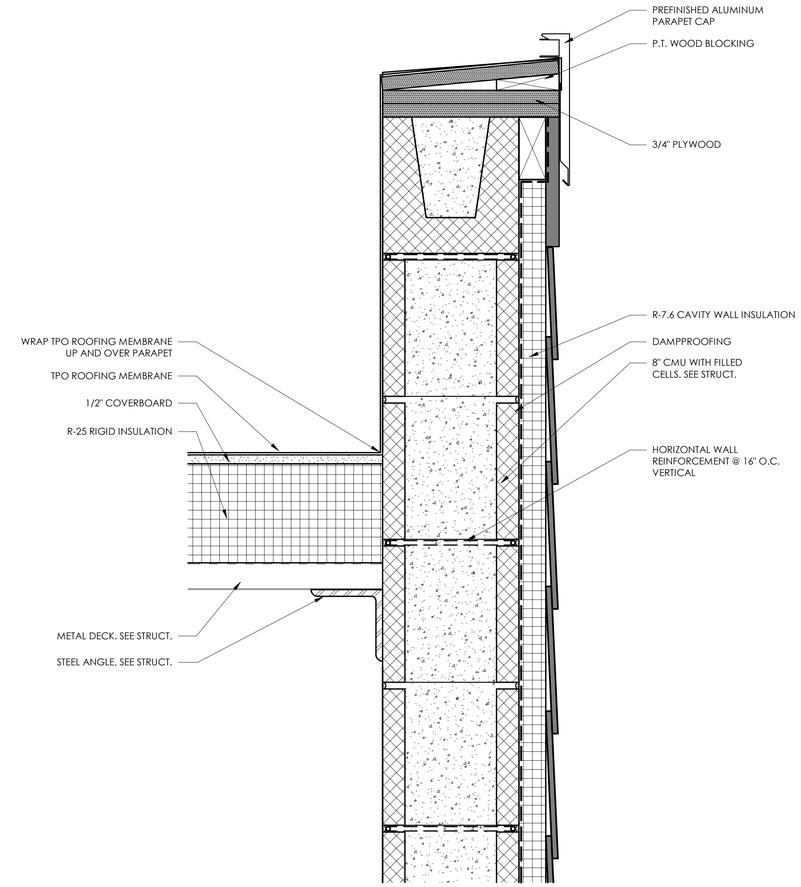
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A7.14

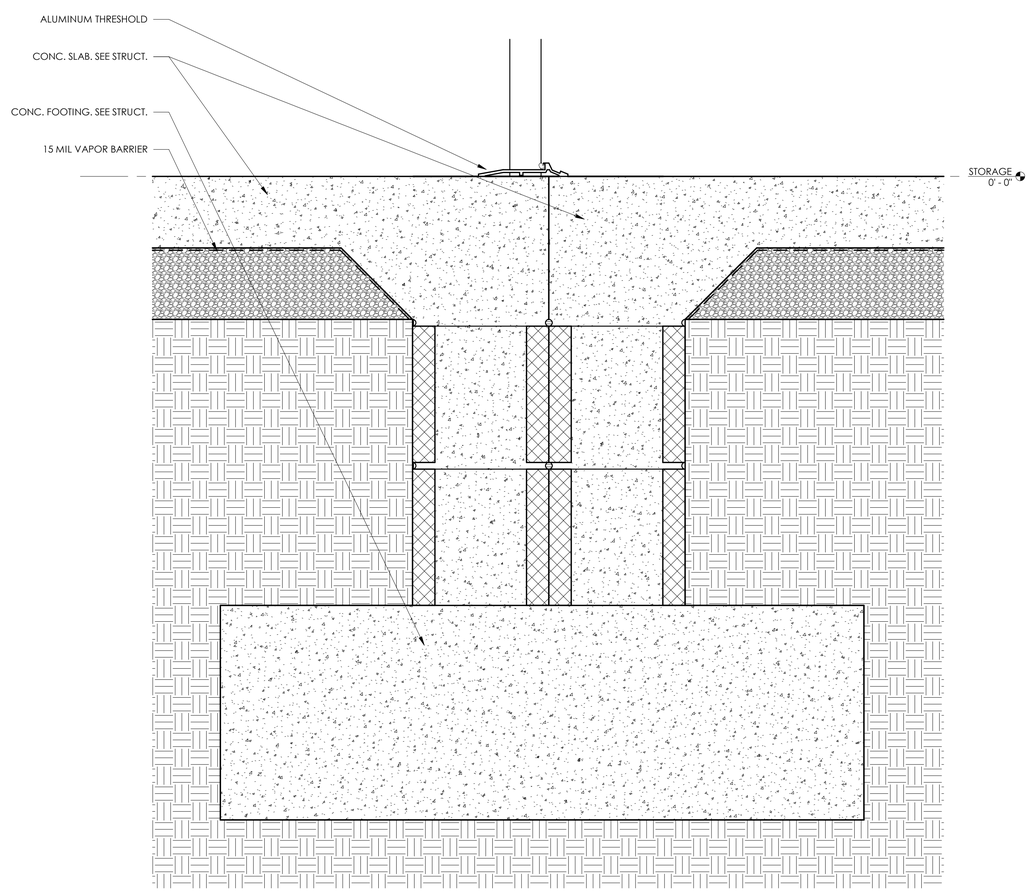
10/26/2023 8:22:41 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



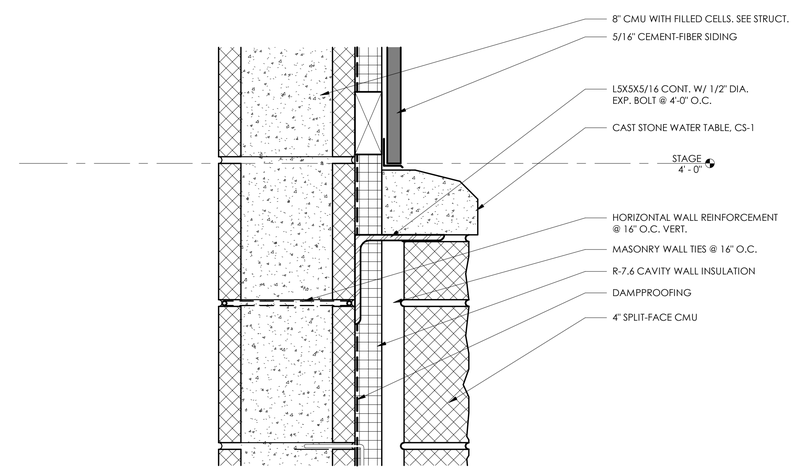
4 / A7.15 **SECTION DETAIL**
3" = 1'-0"



2 / A7.15 **SECTION DETAIL**
3" = 1'-0"



3 / A7.15 **SECTION DETAIL**
3" = 1'-0"



1 / A7.15 **SECTION DETAIL**
3" = 1'-0"

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER & BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

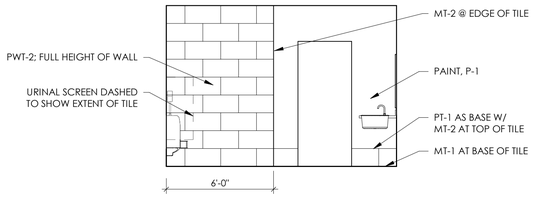
No	Date	Description

SHEET TITLE: SECTION DETAILS

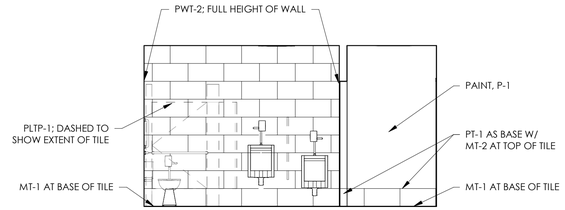
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A7.15

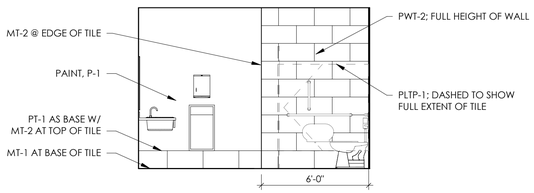
10/26/2023 8:22:42 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



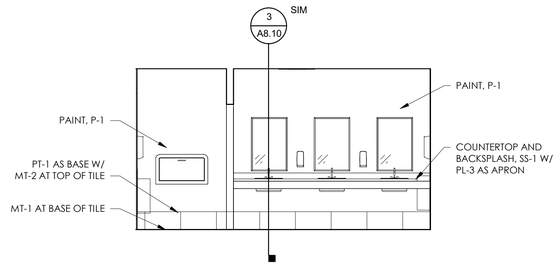
2d / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



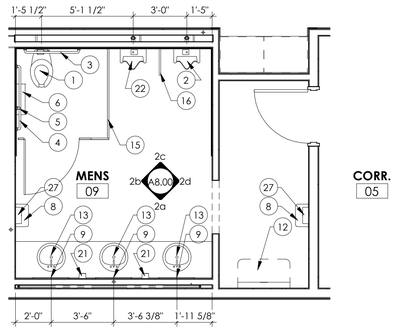
2c / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



2b / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



2a / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



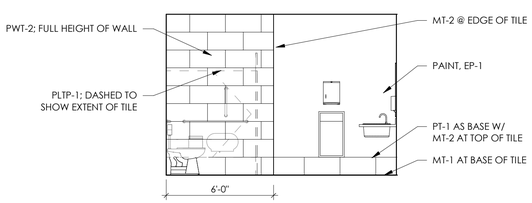
2 / A8.00 **ENLARGED PLAN**
1/4" = 1'-0"

TOILET ACCESSORIES LEGEND

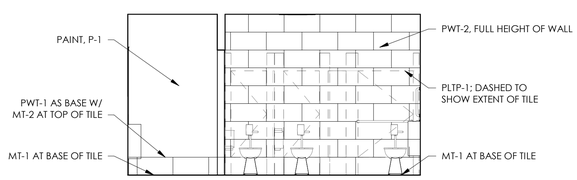
1. ADA TOILET
2. ADA URINAL
3. ADA 36" GRAB BAR
4. ADA 42" GRAB BAR
5. ADA 18" GRAB BAR
6. DOUBLE TOILET PAPER DISPENSER
7. SANITARY NAPKIN DISPOSAL
8. SEMI-RECESSED PAPER TOWEL DISPENSER AND TRASH RECEPTACLE - 18 GALLON
9. 24" x 36" MIRROR
10. MOP SINK
11. ADA DISHWASHER - BOSCH 800 SERIES - 24" W - MODEL #SGX78V55UC
12. SURFACE-MOUNTED DIAPER CHANGING STATION
13. UNDERMOUNT - BATHROOM SINK - WHITE
14. ADA WALL MOUNTED SINK
15. PLASTIC TOILET PARTITION
16. PLASTIC URINAL SCREEN
17. FIRE EXTINGUISHER CABINET
18. COUNTERTOP MICROWAVE OVEN
19. TOP-FREEZER REFRIGERATOR - 20.5-CU-FT - MODEL #WRT311FZDZ
20. FREESTANDING ICE MAKER - 30.5"W X 34"D - AVANTCO ICE KMC-F-430-BA
21. SURFACE MOUNTED SOAP DISPENSER
22. URINAL
23. TOILET
24. UNDERMOUNT - DOUBLE BOWL - STAINLESS STEEL SINK
25. FREESTANDING FULL HEIGHT WARMING CABINET - AVANTCO HEAT 1836 - 177HEAT1836
26. UTILITY SHELF
27. PAPER TOWEL DISPENSER

TOILET ACCESSORIES GENERAL NOTES

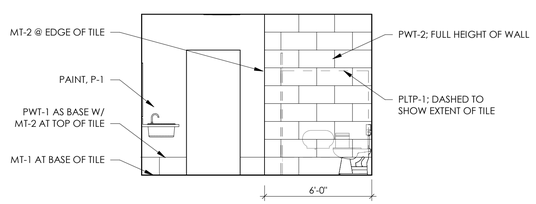
A. SEE TYPICAL ACCESSIBILITY REQUIREMENTS SHEET FOR MOUNTING REQUIREMENTS



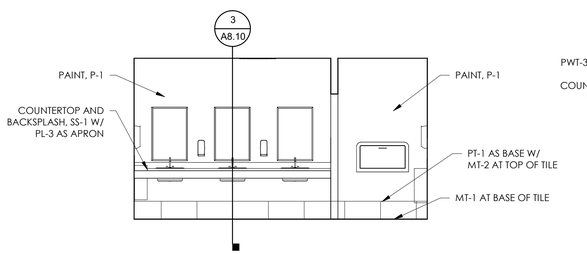
1f / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



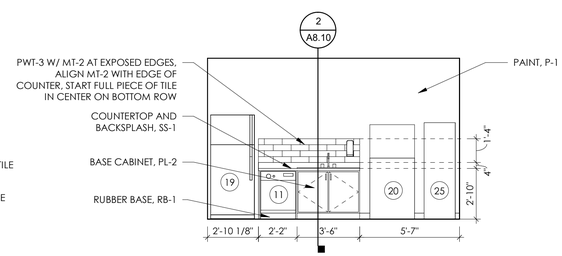
1e / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



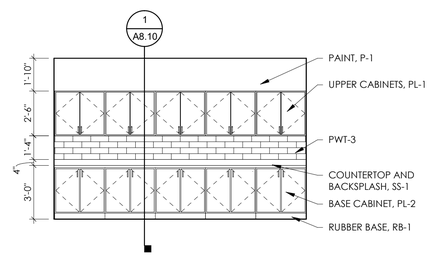
1d / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



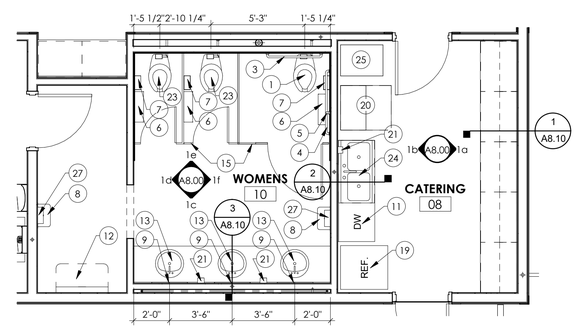
1c / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



1b / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



1a / A8.00 **INTERIOR ELEVATION**
1/4" = 1'-0"



1 / A8.00 **ENLARGED PLAN**
1/4" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

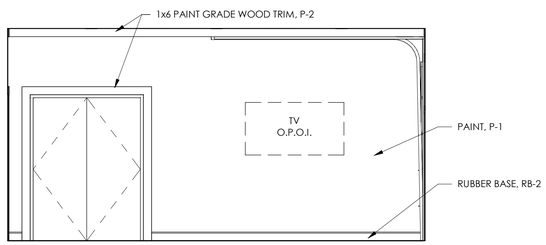
No	Date	Description

SHEET TITLE: INTERIOR ELEVATIONS AND ENLARGED PLANS - ALTERNATE NO. 1

PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, MCB, HHB

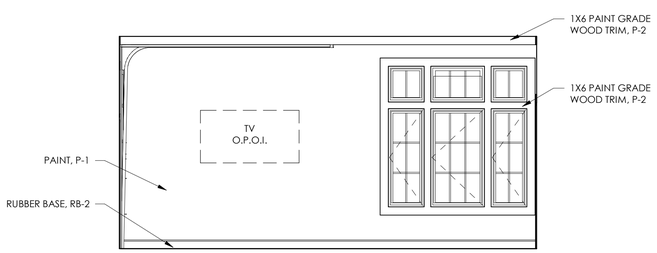
A8.00

10/26/2023 8:22:33 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

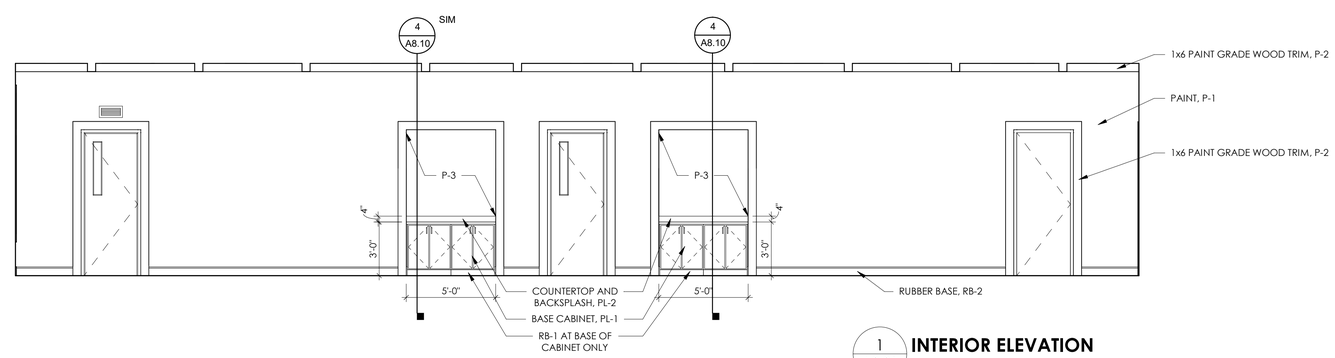


4 / A8.01 **INTERIOR ELEVATION**
1/4" = 1'-0"

3 / A8.01 **INTERIOR ELEVATION**
1/4" = 1'-0"



2 / A8.01 **INTERIOR ELEVATION**
1/4" = 1'-0"



1 / A8.01 **INTERIOR ELEVATION**
1/4" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: INTERIOR ELEVATIONS AND ENLARGED PLANS - ALTERNATE NO. 1

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A8.01

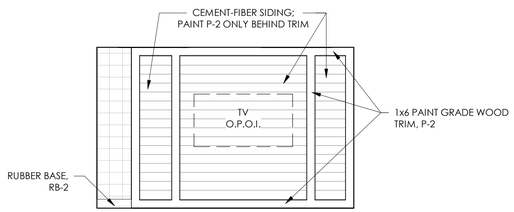
10/26/2023 8:22:34 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

TOILET ACCESSORIES LEGEND

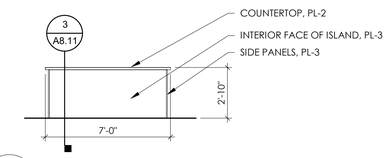
1. ADA TOILET
2. ADA URINAL
3. ADA 36" GRAB BAR
4. ADA 42" GRAB BAR
5. ADA 18" GRAB BAR
6. DOUBLE TOILET PAPER DISPENSER
7. SANITARY NAPKIN DISPOSAL
8. SEMI-RECESSED PAPER TOWEL DISPENSER AND TRASH RECEPTACLE - 18 GALLON
9. 24" x 36" MIRROR
10. MOP SINK
11. ADA DISHWASHER - BOSCH 800 SERIES - 24" W - MODEL #SGX78V55UC
12. SURFACE-MOUNTED DIAPER CHANGING STATION
13. UNDERMOUNT - BATHROOM SINK - WHITE
14. ADA WALL MOUNTED SINK
15. PLASTIC TOILET PARTITION
16. PLASTIC URINAL SCREEN
17. FIRE EXTINGUISHER CABINET
18. COUNTERTOP MICROWAVE OVEN
19. TOP-FREEZER REFRIGERATOR - 20.5-CU-FT - MODEL #WRT311FZDZ
20. FREESTANDING ICE MAKER - 30.5"W X 34"D - AVANTCO ICE KMC-F-430-BA
21. SURFACE MOUNTED SOAP DISPENSER
22. URINAL
23. TOILET
24. UNDERMOUNT - DOUBLE BOWL - STAINLESS STEEL SINK
25. FREESTANDING FULL HEIGHT WARMING CABINET - AVANTCO HEAT 1836 - 177HEAT1836
26. UTILITY SHELF
27. PAPER TOWEL DISPENSER

TOILET ACCESSORIES GENERAL NOTES

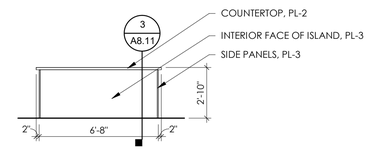
A. SEE TYPICAL ACCESSIBILITY REQUIREMENTS SHEET FOR MOUNTING REQUIREMENTS



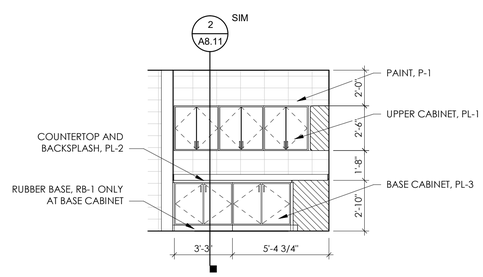
1i / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



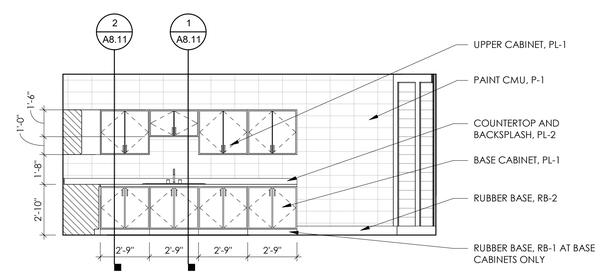
1h / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



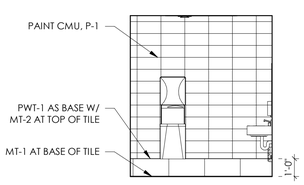
1g / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



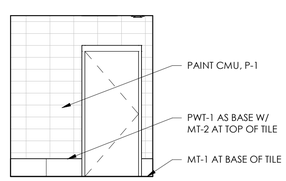
1f / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



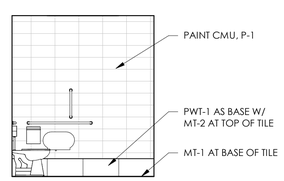
1e / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



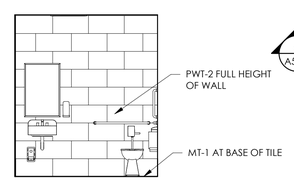
1d / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



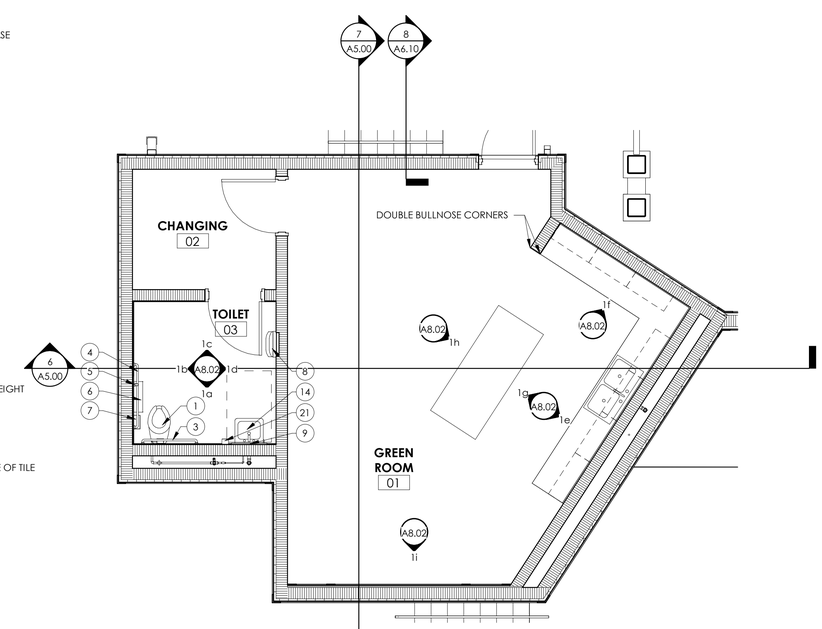
1c / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



1b / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



1a / A8.02 **INTERIOR ELEVATION**
1/4" = 1'-0"



1 / A8.02 **ENLARGED PLAN**
1/4" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

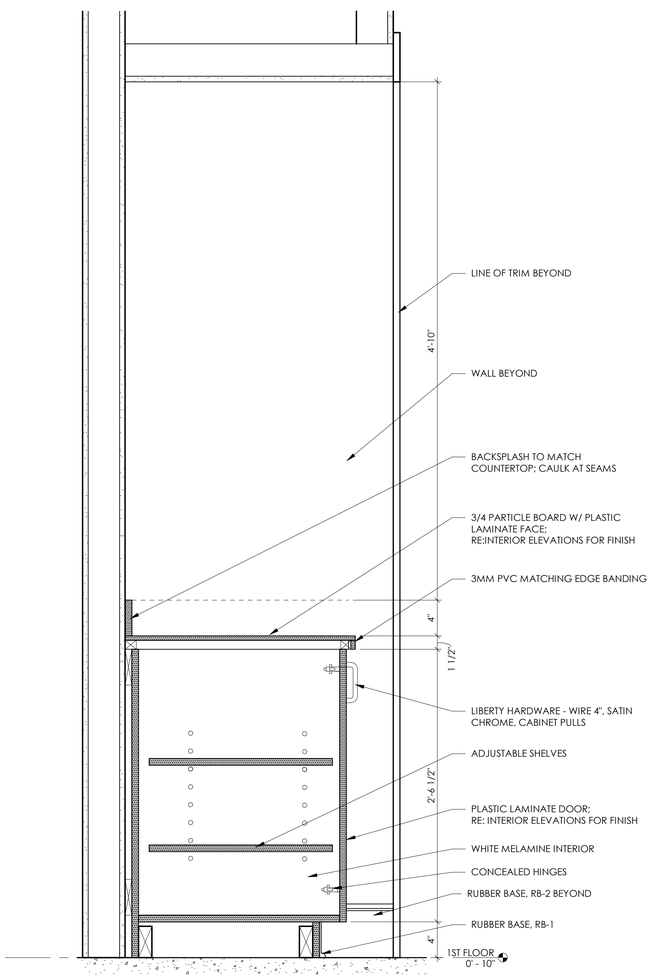
No	Date	Description

SHEET TITLE: INTERIOR ELEVATIONS AND ENLARGED PLANS

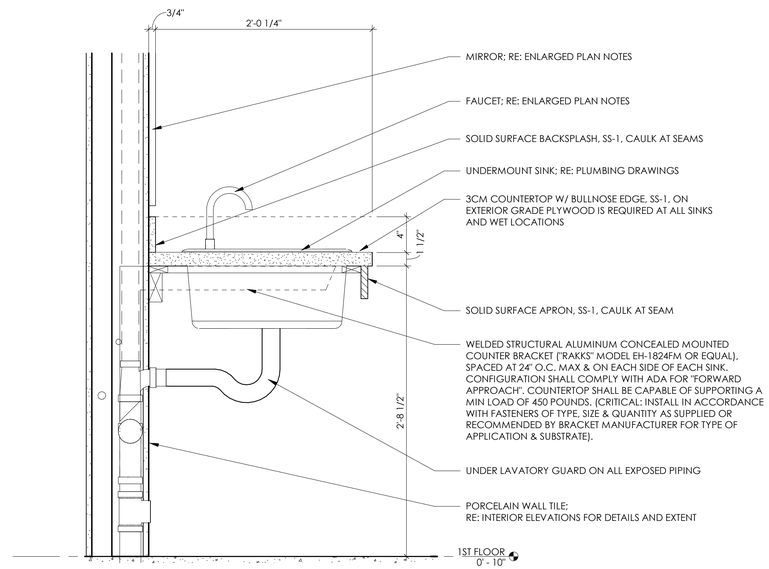
PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A8.02

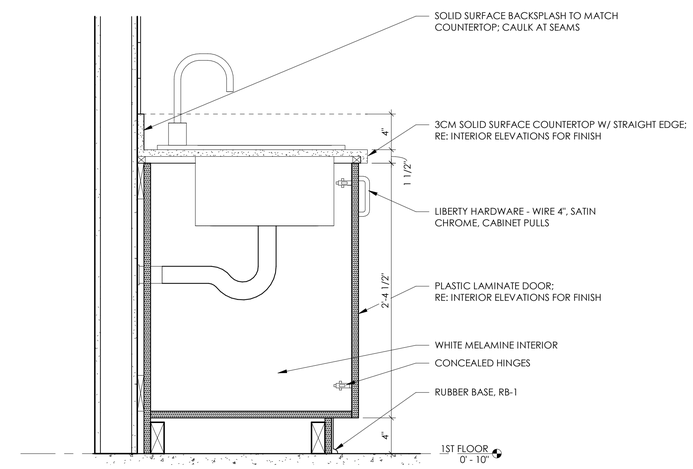
10/26/2023 8:22:35 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



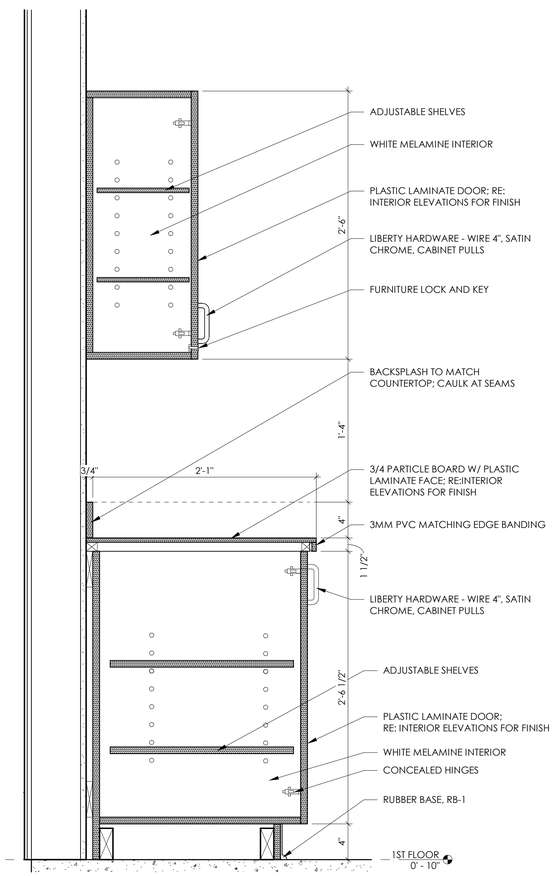
4 A8.10 **MILLWORK SECTION**
1 1/2" = 1'-0"



3 A8.10 **MILLWORK SECTION**
1 1/2" = 1'-0"



2 A8.10 **MILLWORK SECTION**
1 1/2" = 1'-0"



1 A8.10 **MILLWORK SECTION**
1 1/2" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

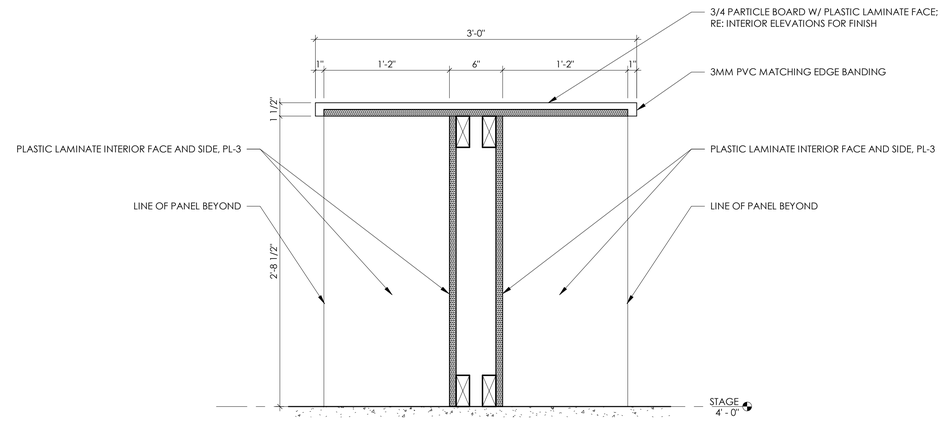
No	Date	Description

SHEET TITLE: MILLWORK SECTIONS - ALTERNATE NO. 1

PROJECT NUMBER:	2904
CHECKED BY:	BHS
ISSUE DATE:	10/27/23
DRAWN BY:	HC, MCB, HHB

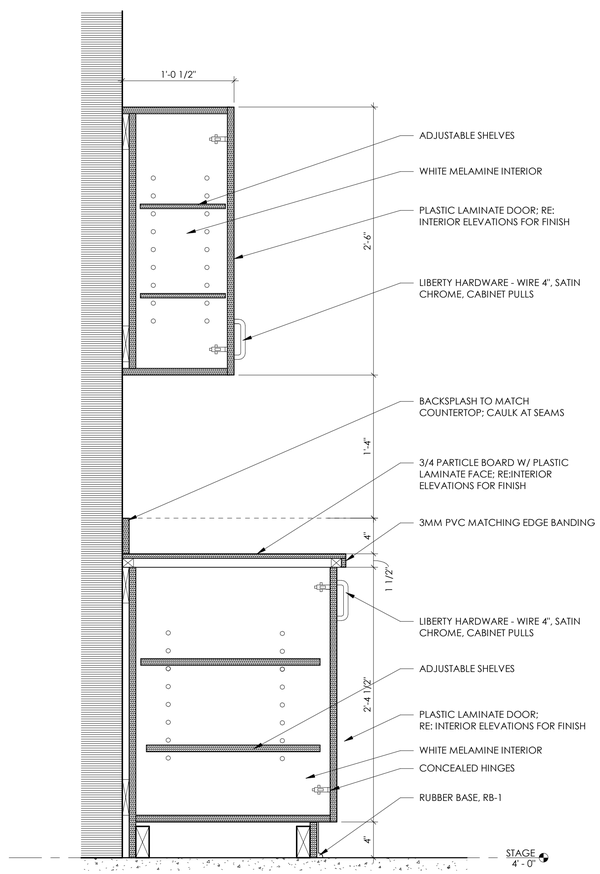
A8.10

10/26/2023 8:22:42 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



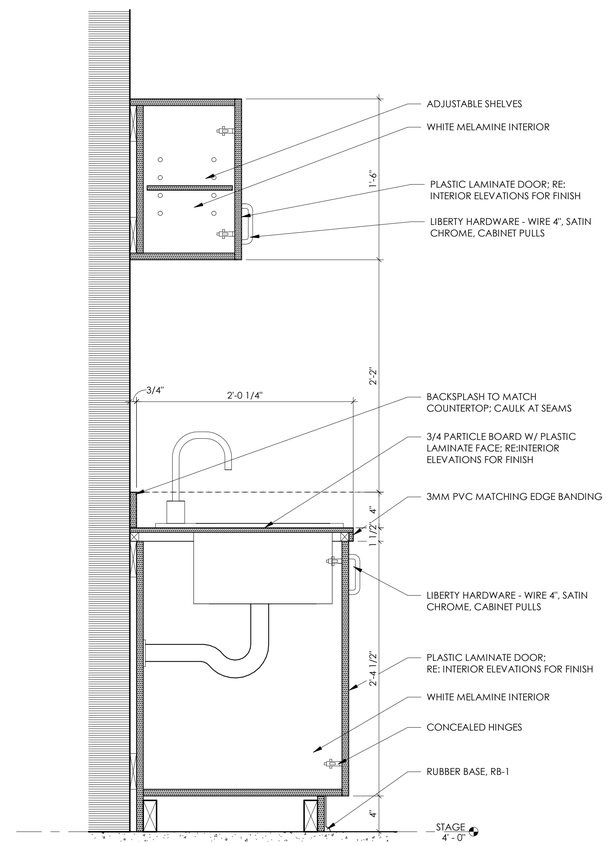
3 / A8.11 **MILLWORK SECTION**

1 1/2" = 1'-0"



2 / A8.11 **MILLWORK SECTION**

1 1/2" = 1'-0"



1 / A8.11 **MILLWORK SECTION**

1 1/2" = 1'-0"

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER L. BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: MILLWORK SECTIONS

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A8.11

10/26/2023 8:22:43 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

FINISH LISTING

LUXURY VINYL TILE (LVT)

LVT-1	MANUFACTURER:	J+J FLOORING
	PATTERN:	CLASSICS
	COLOR:	PARADIGM 1008
	SIZE:	9" X 48"
	THICKNESS/WEAR LAYER:	3MM/20MIL
	BACKING:	STANDARD
	INSTALLATION METHOD:	STAGGERED
	LOCATION:	REFER TO FINISH PLANS

CONTACT INFORMATION:

LAUREL PARHAM
COMPANY: J+J FLOORING
PHONE: 205.500.9221
EMAIL: LAUREL.PARHAM@JJFLOORING.COM

PORCELAIN TILE (PT)

PT-1	MANUFACTURER:	CROSSVILLE STUDIOS
	PATTERN:	LAZY DAZE
	COLOR/FINISH:	CREAM/MATTE
	SIZE:	12" X 24"
	THICKNESS:	10MM
	GROUT JOINT:	5MM
	GROUT COLOR:	BOSTIK - ANTIQUE WHITE H135
	INSTALLATION:	RUNNING BOND
	LOCATION:	RESTROOMS

CONTACT INFORMATION:

JANN YOUNG
COMPANY: CROSSVILLE STUDIOS
PHONE: 205.915.2429
EMAIL: JYOUNG@CROSSVILLESTUDIOS.COM

PORCELAIN WALL TILE (PWT)

PWT-1	MANUFACTURER:	CROSSVILLE STUDIOS
	PATTERN:	LAZY DAZE
	COLOR/FINISH:	CREAM/MATTE
	SIZE:	12" X 24"
	THICKNESS:	10MM
	GROUT JOINT:	5MM
	GROUT COLOR:	BOSTIK - ANTIQUE WHITE H135
	INSTALLATION:	REFER TO ELEVATIONS
	LOCATION:	RESTROOMS
PWT-2	MANUFACTURER:	CROSSVILLE STUDIOS
	PATTERN:	INVIDIA
	COLOR/FINISH:	BRONZE/MATTE
	SIZE:	12" X 24"
	THICKNESS:	9MM
	GROUT JOINT:	1/8"
	GROUT COLOR:	BOSTIK - HEMP H283
	INSTALLATION:	REFER TO INTERIOR ELEVATIONS
	LOCATION:	RESTROOMS - REFER TO INTERIOR ELEVATIONS
PWT-3	MANUFACTURER:	CROSSVILLE STUDIOS
	PATTERN:	COLOR BY NUMBERS
	COLOR/FINISH:	SEVENTH INNING STRETCH/GLOSS
	SIZE:	4" X 12"
	THICKNESS:	1/4"
	GROUT JOINT:	1/16"
	GROUT COLOR:	BOSTIK - NATURAL H146
	INSTALLATION:	REFER TO INTERIOR ELEVATIONS
	LOCATION:	CATERING 08 - REFER TO INTERIOR ELEVATIONS

CONTACT INFORMATION:

JANN YOUNG
COMPANY: CROSSVILLE STUDIOS
PHONE: 205.915.2429
EMAIL: JYOUNG@CROSSVILLESTUDIOS.COM

SEALED CONCRETE (SC)

SC-1	MANUFACTURER:	TBD
	COLOR:	CLEAR
	FINISH:	FLOAT
	LOCATION:	ALL SC FLOORS

RUBBER BASE (RB)

RB-1	MANUFACTURER:	TARKETT
	PATTERN:	TRADITIONAL
	COLOR:	283 TOAST
	SIZE:	4"
	LOCATION:	GENERAL
RB-2	MANUFACTURER:	TARKETT
	PATTERN:	REVEAL
	COLOR:	MW-283-F6
	SIZE:	6"
	LOCATION:	GATHERING 06,

CONTACT INFORMATION:

JENNIFER MITCHELL
COMPANY: TARKETT
PHONE: 850.510.2721
EMAIL: JENNIFER.MITCHELL@TARKETT.COM

PLASTIC LAMINATE (PL)

PL-1	MANUFACTURER:	ARBORITE
	COLOR:	WEATHERED HEMP P355 RM
	FINISH:	CHANVRE PATINE
	LOCATION:	UPPER CABINET
PL-2	MANUFACTURER:	PIONITE
	COLOR:	ROCK AROUND THE CLOCK II MT500-SD
	FINISH:	TEXTURED/SUEDE
	LOCATION:	COUNTERTOP
PL-3	MANUFACTURER:	PIONITE
	COLOR:	CRESSIDA AT371
	FINISH:	SUEDE
	LOCATION:	BASE CABINET

SOLID SURFACE (SS)

SS-1	MANUFACTURER:	CORIAN
	COLOR:	CLAM SHELL
	SIZE:	3CM
	LOCATION:	COUNTERS AND BACKSPLASH @ CATERING 08, MENS 09, WOMENS 10

CONTACT INFORMATION:

STEPHANIE CALDARELLO
COMPANY: H.J. OLDENKAMP
PHONE: 205.377.2285
EMAIL: SCALDARELLO@OLDENKAMP.COM

PAINT (P)

P-1	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR:	SW7029 AGREEABLE GRAY
	FINISH:	GYP - EGGSHELL INTERIOR CMU - EPOXY - EGGSHELL
	LOCATION:	GENERAL
P-2	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR:	SW7033 BRAINSTORM BRONZE
	FINISH:	INTERIOR WOOD TRIM - SEMI-GLOSS INTERIOR CMU - EPOXY - EGGSHELL DOOR FRAMES - LATEX-SEMI GLOSS EXTERIOR CMU - SEMI-GLOSS
	LOCATION:	INTERIOR WOOD TRIM EXTERIOR CMU AND TRIM; SEE ELEVATIONS
P-3	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR:	SW6172 HARDWARE
	FINISH:	GYP - EGGSHELL INTERIOR CMU - EPOXY - EGGSHELL
	LOCATION:	ACCENT - REFER TO FINISH PLANS
P-4	MANUFACTURER:	SHERWIN WILLIAMS
	COLOR:	SW6358 DOVER WHITE
	FINISH:	FLAT
	LOCATION:	GYP CEILING
P-5	MANUFACTURER:	TBD
	COLOR:	TBD
	FINISH:	SEMI-GLOSS
	LOCATION:	CEMENT-FIBER SIDING; SEE ELEVATIONS

ACOUSTICAL CEILING TILE (ACT)

ACT-1	MANUFACTURER:	ARMSTRONG
	STYLE:	DUNE 1774
	COLOR:	WHITE
	SIZE:	2' X 2' X 5/8"
	TILE EDGE:	TEGULAR
	LOCATION:	GENERAL

CONTACT INFORMATION:

RICH LAWS
COMPANY: ARMSTRONG CEILING
PHONE: 205.410.2765
EMAIL: RLAWS@ARMSTRONGCEILINGS.COM

PLASTIC TOILET PARTITIONS (PLTP)

PLTP-1	MANUFACTURER:	ASI ACCURATE PARTITIONS OR APPROVED EQUAL
	MATERIAL TYPE:	SOLID PLASTIC
	MOUNTING STYLE:	FLOOR MOUNTED - OVERHEAD BRACED
	DOOR HINGE & FINISH:	CONTINUOUS S/S CAM-ACTION
	LATCH TYPE & FINISH:	SLIDE LATCH STAINLESS
	BRACKET TYPE & FINISH:	CONTINUOUS ALUMINUM
	PRIVACY OPTION:	CONTINUOUS HINGE @ NO-SIGHT STRIP
	COLOR:	METALLIC SILVER 9511
	RATING:	NFPA 286 FIRE RATED
	LOCATION:	MEN 09 & WOMEN 10

INTERIOR DESIGN ABBREVIATIONS

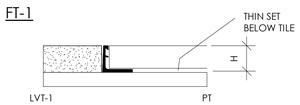
ACT	ACOUSTICAL CEILING TILE
CF/CI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
E.J.	EXPANSION JOINT
EP	EPOXY PAINT
ETR	EXISTING TO REMAIN
EXP	EXPOSED
FT	FLOORING TRANSITIONS
LVT	LUXURY VINYL TILES
MEX	MATCH EXISTING
MT	METAL TRANSITION
OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED/OWNER INSTALLED
P	PAINT
PL	PLASTIC LAMINATE
PLTP	PLASTIC TOILET PARTITIONS
PT	PORCELAIN TILE
PWT	PORCELAIN WALL TILE
RB	RUBBER BASE
SC	SEALED CONCRETE
SS	SOLID SURFACE

GENERAL FINISH NOTES

1. ALL FLOORING TRANSITIONS SHALL OCCUR UNDER DOOR WHEN DOORS ARE IN CLOSED POSITION.
2. FLOORING TO EXTEND UNDERNEATH ALL ARCHITECTURAL CASEWORK.
3. ALL HOLLOW METAL DOOR FRAMES PAINTED P-2 IN LATEX SEMI-GLOSS UNLESS NOTED OTHERWISE.
4. CONTRACTOR SHALL SUBMIT (1) SAMPLE OF ALL MATERIALS LISTED ON FINISH SCHEDULE. ARCHITECT IS NOT RESPONSIBLE FOR INSTALLED MATERIALS THAT HAVE NOT BEEN SUBMITTED FOR APPROVAL.
5. ALL GYPSUM BOARD CEILINGS TO BE PAINTED PER FINISH SCHEDULE OR RCP UNLESS NOTED OTHERWISE.
6. ALL MILLWORK SHALL BE CAULKED BY MILLWORK CONTRACTOR IN CLEAR SILICONE OR AS APPROVED BY INTERIOR DESIGNER.
7. SHOP DRAWINGS ARE REQUIRED FOR ARCHITECTURAL APPROVAL ON ALL MILLWORK.
8. COUNTER AND CABINET FINISHES THAT HAVE NOT BEEN SELECTED WILL BE SPECIFIED IN MILLWORK SHOP DRAWINGS.
9. THIS FINISH AND ACCENT LEGEND IS ONLY A SYMBOLIC REPRESENTATION OF DIFFERENT MATERIAL TYPES USED FOR THIS PROJECT.
10. MISCELLANEOUS METAL (SUPPLY AND RETURN GRILLS, ETC.) SHALL BE PAINTED TO MATCH ADJACENT WALL, OR FLOOR COLOR UNLESS OTHERWISE NOTED. ALL CEILING FIXTURES WILL BE PRE-FINISHED AND WITH COLOR TBD BY INTERIOR DESIGNER.
11. SEE FINISH PLANS FOR ACCENT WALL LOCATIONS.
12. COORDINATE ALL MOUNTING HEIGHTS FOR TVS WITH OWNER BEFORE INSTALLATION.
13. PAINT CONTRACTOR TO PROVIDE ON SITE PAINT MOCK-UP FOR ARCHITECTURAL APPROVAL.
14. THE CONTRACTOR SHALL REFER TO THE INTERIOR DESIGN FINISH LEGEND ON SHEET A9.00 AND THE PROJECT MANUAL FOR ADDITIONAL PRODUCT AND COLOR SPECIFICATION.
15. IF THERE ARE QUESTIONS OR CLARIFICATIONS TO INTERIOR FINISHES CONTRACTOR SHALL NOTIFY TURNERBATSON IN WRITING.

FLOORING TRANSITIONS

FT-1

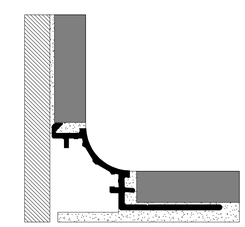


MT - METAL TRANSITION STRIP
SCHLUTER SCHIENE OR EQUAL
COLOR: TBD
H = TILE THICKNESS

FT-2

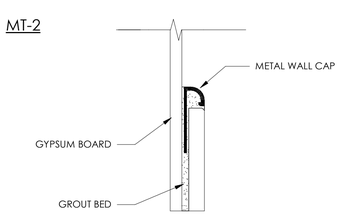
RR: RUBBER REDUCER
MANUFACTURER: JOHNSONITE (OR EQUAL)
TRANSITION: CTA-XX-J
COLOR: 283 TOAST

MT-1



MT - METAL TRANSITION STRIP
SCHLUTER DILEX-AHK OR EQUAL
COLOR: TBD
H = TILE THICKNESS

MT-2



MT - METAL TILE CAP
SCHLUTER-JOLLY OR EQUAL
COLOR: TBD

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: FINISH LISTING

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A9.00

10/26/2023 8:22:43 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

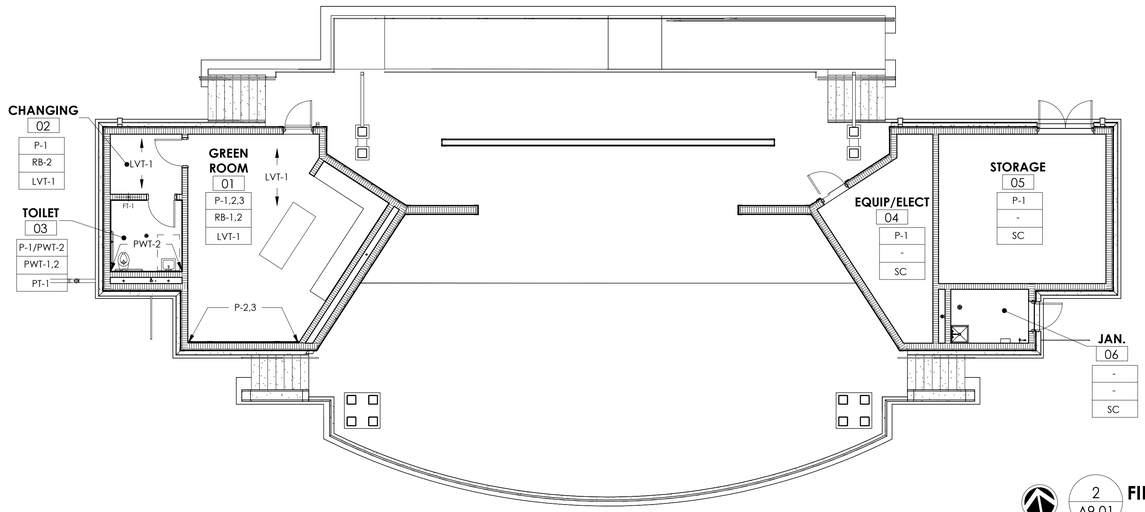
FINISH & ACCENT LEGEND

SEE SHEET A9.00 FOR INTERIOR DESIGN FINISH LISTING

XX-XX — ACCENT AND/OR SPECIFIC FINISH

XX-XX — WALL FINISH
XX-XX — BASE FINISH
XX-XX — FLOOR FINISH

FLOORING TRANSITION REQUIRED BETWEEN DIFFERENT FLOORING MATERIALS



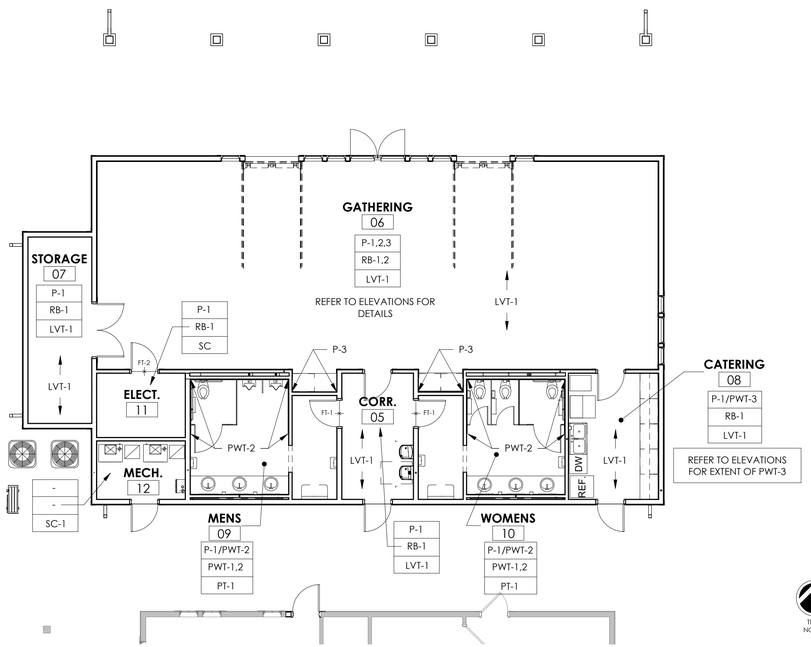
TRUE NORTH

2 / A9.01 **FIRST FLOOR FINISH PLAN - PAVILION**

1/8" = 1'-0"

SHEET SPECIFIC KEYNOTES FOR THIS NEW CONSTRUCTION FINISH PLAN:

101: DOOR FRAMES PAINTED, P-2, IN LATEX, SEMI-GLOSS FINISH, TYPICAL



TRUE NORTH

1 / A9.01 **FIRST FLOOR FINISH PLAN - SENIOR CENTER ADDITION**

1/8" = 1'-0"

ALTERNATE NO. 01

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

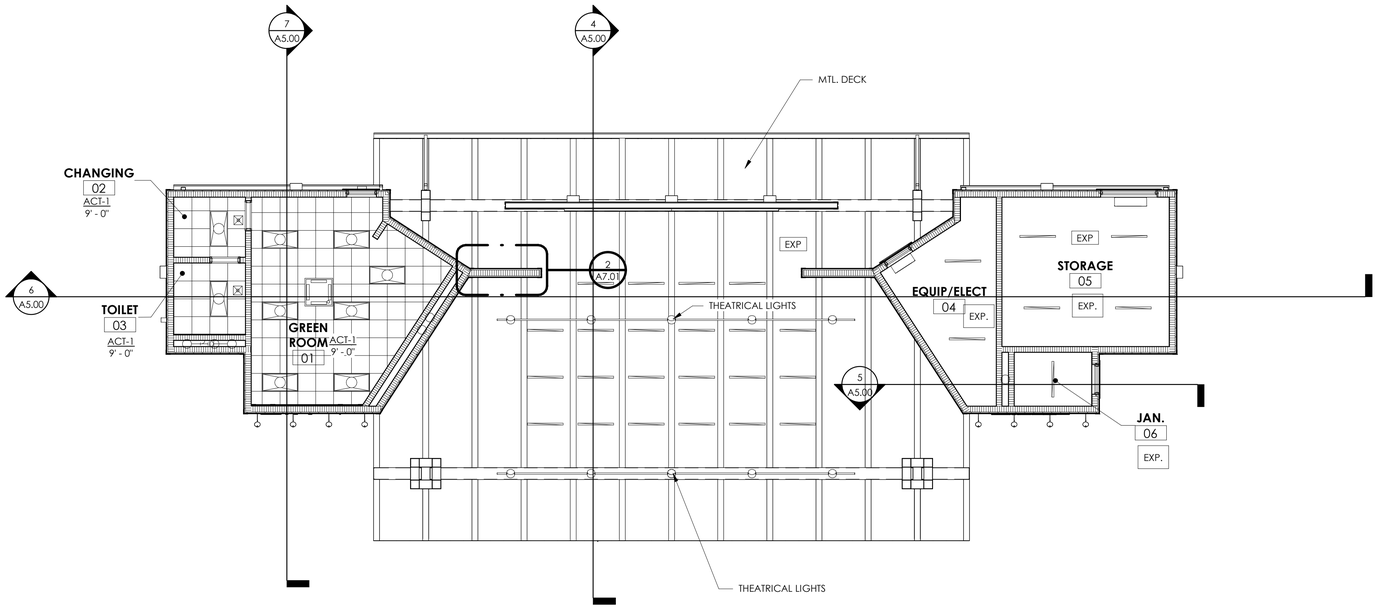
No	Date	Description

SHEET TITLE: FIRST FLOOR FINISH PLANS

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A9.01

10/26/2023 8:22:44 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt



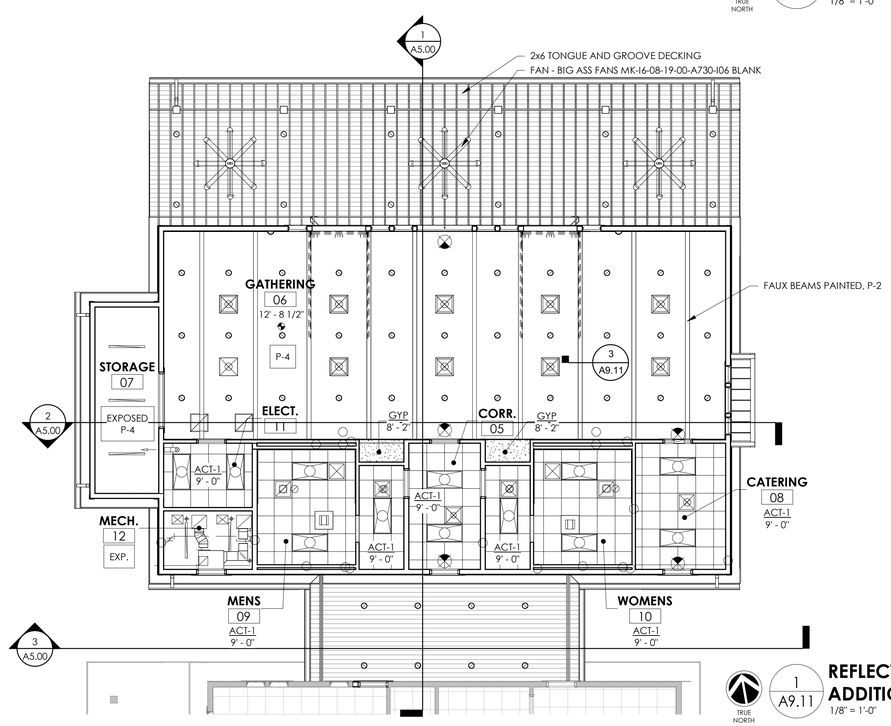
REFLECTED CEILING PLAN LEGEND

	EXIT LIGHT - SEE LIFE SAFETY PLANS AND ELECTRICAL PLANS FOR LOCATION
ACT-1 10'-0"	CEILING HEIGHT
	2 X2 CEILING GRID W/ TEGULAR TILE (ACT-1)
	GYPSUM BOARD CEILING
	2' X 4' LED/FLUORESCENT LIGHTING
	STRIP FLUORESCENT SINGLE LAMP FIXTURE CEILING MOUNTED
	HVAC -SUPPLY AIR SEE MECHANICAL
	HVAC -RETURN AIR SEE MECHANICAL
EXP	EXPOSED CEILING
MEX	MATCH EXISTING
	8" RECESSED CAN

TRUE NORTH

2 / A9.11 **REFLECTED CEILING PLAN - PAVILION**

1/8" = 1'-0"



TRUE NORTH

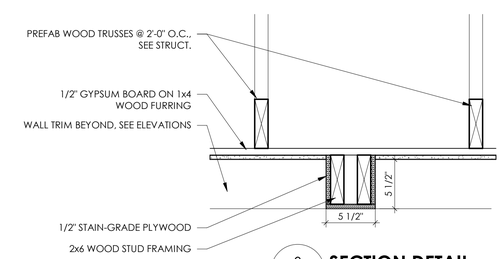
1 / A9.11 **REFLECTED CEILING PLAN - SENIOR CENTER ADDITION**

1/8" = 1'-0"

ALTERNATE NO. 01

REFLECTED CEILING PLAN GENERAL NOTES

1. ALL CEILING GRID AND TILE TO BE LOCATED IN CENTER OF ROOM UNLESS OTHERWISE SHOWN. INTENT OF ARCHITECTURAL DRAWING IS THAT ALL AREAS BE SHOWN WITH GRID AT CENTER OF ROOM. CONTACT ARCHITECT FOR DIRECTION BEFORE CEILING INSTALLATION IF CENTER ALIGNMENT IS NOT INDICATED ON PLAN.
2. ALL GYPSUM CEILING TO BE PAINTED P-4 FLAT FINISH. UNLESS NOTED OTHERWISE.
3. NO CEILING TILE DIMENSION SHALL BE LESS THAN 6" IN WIDTH TO THE FACE OF WALL. IF THIS CONDITION OCCURS, INSTALLER SHALL CUT 2 x 2 CEILING TILE TO FIT GRID DIMENSION.
4. ANY DISCREPANCIES BETWEEN ARCHITECTURAL R.C.P. & ELECTRICAL DRAWINGS TO BE VERIFIED BY ARCHITECT BEFORE INSTALLATION.
5. ALL EXTERIOR LIGHTING IS LOCATED ON ELECTRICAL DRAWINGS. SEE "E" SHEETS FOR DETAILS.
6. SEE ELECTRICAL DRAWINGS FOR LOCATIONS OF ALL EMERGENCY LIGHTING.
7. ALL HEIGHTS ARE FROM THE LOWEST FLOOR ELEVATION UNLESS OTHERWISE NOTED.
8. ALL EXPOSED CEILINGS TO BE PAINTED, P-4 FLAT FINISH UNLESS NOTED OTHERWISE, EXCEPT AT JAN. 06, EQUIP/ELECT 04, AND MECH. 12, WHERE EXPOSED CEILING WILL BE LEFT UNFINISHED.
9. LIGHTS IN EXPOSED CEILING AREAS SHOULD NOT BE HUNG FROM STRUCTURAL ROOF DECK. CONTRACTOR TO PROVIDE MISCELLANEOUS STEEL OR UNISTRUT FOR LIGHT SUPPORT AT THESE LOCATIONS.



3 / A9.11 **SECTION DETAIL**

1 1/2" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
TURNER & BATSON
REGISTERED ARCHITECT

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: FIRST FLOOR REFLECTED CEILING PLAN

PROJECT NUMBER: 2904
CHECKED BY: BHS
ISSUE DATE: 10/27/23
DRAWN BY: HC, MCB, HHB

A9.11

10/26/2023 8:22:36 AM C:\Users\hcreech\Documents\2904_Alabaster Amphitheater_A23_Central_hcreech.rvt

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE BETWEEN ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER DRAWINGS:
   A. ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWINGS OF DIFFERENT DISCIPLINES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. CONTRACTOR SHALL NOT PROCEED WITH SHOP DRAWING PREPARATION OR ANY CONSTRUCTION UNTIL THE ARCHITECT HAS GIVEN DIRECTION OF RESOLUTION FOR THE DISCREPANCY OR CONFLICT.
   B. NOT ALL OPENINGS AND OTHER COMPONENTS THAT ARE REQUIRED HAVE BEEN SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE AND VERIFY THE LOCATIONS AND SIZES OF CHASES, INSERTS, OPENINGS, SLEEVES, FINISHES, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS AT FLOORS, WALLS, AND ROOFS BETWEEN DRAWINGS OF DIFFERENT DISCIPLINES.
2. IN THE CASE OF INCONSISTENCIES BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT, A BIDDER WILL BE DEEMED TO HAVE INCLUDED IN ITS BID THE BETTER QUALITY OR GREATER QUANTITY OF THE WORK INVOLVED UNLESS THE BIDDER ASKED FOR AND OBTAINED THE ARCHITECT'S WRITTEN CLARIFICATION OF THE REQUIREMENTS BEFORE SUBMISSION OF BID.
3. ALL DIMENSIONS SHOWN TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS, AND DETAILS. DO NOT SCALE THE DRAWINGS.
4. THE DETAILS PROVIDED ON SHEETS LABELED AS "TYPICAL DETAILS" APPLY GENERALLY TO THE DRAWINGS IN AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN THE DETAILS, UNLESS NOTED OTHERWISE.
5. ALL OF THE CONTRACTOR'S PROPOSED SUBSTITUTIONS ARE CONSIDERED CHANGE ORDERS AND SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND/OR APPROVAL PRIOR TO ANY PERTINENT WORK OR FABRICATION.
6. CONSTRUCTION METHODS, PROCEDURES AND SEQUENCES ARE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL TAKE ALL THE NECESSARY MEANS TO MAINTAIN AND PROTECT THE STRUCTURAL INTEGRITY OF ALL CONSTRUCTION, NEW AND EXISTING, AT ALL STAGES INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
   A. BRACE ALL BASEMENT-TYPE WALLS RETAINING EARTH UNTIL RESTRAINING SLABS/FLOORS HAVE BEEN INSTALLED AND SLABS HAVE REACHED REQUIRED DESIGN STRENGTH.
   B. BRACE/SHORE ALL WALLS AS REQUIRED TO MAINTAIN STABILITY DURING CONSTRUCTION.
   C. SHORE EXISTING FLOORS, WALLS, AND/OR ROOFS AS REQUIRED DURING DEMOLITION OF ANY PORTION OF EXISTING STRUCTURE UNTIL NEW SUPPORT FRAMING HAS BEEN INSTALLED.
7. ALL STRUCTURAL MEMBERS, AS SHOWN, HAVE BEEN DESIGNED TO CARRY IN PLACE DESIGN LOADS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPORT OF ANY LOADS AND FORCES IMPOSED DURING CONSTRUCTION, TRANSPORTATION, ERECTION, AND HANDLING. THE CONTRACTOR SHALL INSURE THAT CONSTRUCTION LOADS DO NOT EXCEED THE DESIGN LIVE LOADS INDICATED ON THE STRUCTURAL DRAWINGS AND THAT THESE LOADS ARE NOT IMPOSED ON THE STRUCTURAL MEMBERS PRIOR TO THE TIME THAT CONCRETE REACHES THE FULL SPECIFIED DESIGN STRENGTH, STEEL MEMBERS AND THEIR CONNECTIONS ARE FULLY BOLTED AND / OR WELDED AND ALL OTHER FRAMING MEMBERS AND THEIR CONNECTIONS ARE IN PLACE.
8. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO ANY PERTINENT WORK OR FABRICATION. ALL EXISTING CONDITIONS AND DIMENSIONS SHALL BE NOTED ON THE SHOP DRAWINGS.
9. ALL CONSTRUCTION JOINTS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE INCORPORATED INTO THE STRUCTURE. ADDITIONAL CONSTRUCTION JOINTS TO FACILITATE CONSTRUCTION SHALL BE LOCATED AND DETAILED ON THE SHOP DRAWINGS FOR REVIEW.

SHOP DRAWINGS/SUBMITTALS

1. SHOP DRAWING SUBMITTAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) AND SHALL FOLLOW INDUSTRY GUIDELINES AND STANDARDS.
2. ALL QUESTIONS, CLARIFICATIONS, OR MODIFICATIONS OF THE CONTRACT DOCUMENTS SHALL BE CLEARLY DOCUMENTED AND INDICATED ON THE SHOP DRAWING TRANSMITTAL OR COVER SHEET. ITEMS SHALL NOT BE CONSIDERED APPROVED UNLESS SPECIFICALLY ADDRESSED BY MBA IN THE REVIEW COMMENTS.
3. ALL SHOP DRAWINGS ARE TO BE NEWLY PREPARED. REPRODUCTIONS OF CONTRACT STRUCTURAL DRAWINGS FOR USE AS ERECTION DRAWINGS WILL NOT BE PERMITTED. SHOULD SHOP DRAWING SUBMITTALS CONTAIN ANY REPRODUCTIONS OF CONTRACT STRUCTURAL DRAWINGS, THEY WILL BE REJECTED AND RETURNED WITHOUT ENGINEER REVIEW.
   A. MBA MAY CONSIDER TRANSFERRING COMPUTER FILES, IN THE FORMAT CREATED, OF THE PLAN SHEETS TO PROJECT SUBCONTRACTORS TO ASSIST IN DEVELOPING SHOP DRAWINGS ON A CASE BY CASE BASIS. A SIGNED FILE TRANSFER AGREEMENT WILL BE REQUIRE PRIOR TO RELEASE OF MBA FILES.
4. CONTRACTOR TO REVIEW ALL SHOP DRAWING SUBMITTALS AND STAMP WITH APPROVAL PRIOR TO SUBMISSION TO ARCHITECT/ ENGINEER. SHOP DRAWINGS RECEIVED BY ARCHITECT/ENGINEER THAT HAVE NOT BEEN REVIEWED AND COORDINATED BY THE CONTRACTOR WILL BE RETURNED WITHOUT ARCHITECT/ENGINEER'S REVIEW. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING DIMENSIONS WHICH PERTAIN TO FABRICATION PROCESSES OR CONSTRUCTION TECHNIQUES PRIOR TO SUBMITTAL AND FOR COORDINATION OF WORK OF ALL TRADES.
5. CONTRACTOR MAY PROVIDE REVIEWED AND APPROVED SUBMITTALS IN AN ELECTRONIC .PDF FORMAT FOR ENGINEER REVIEW AND APPROVAL. IN LIEU OF ELECTRONIC SUBMITTALS, CONTRACTOR MAY PROVIDE NO MORE THAN FOUR PAPER COPIES OF EACH STRUCTURAL SHOP DRAWING SUBMITTAL TO THE ENGINEER. THE STRUCTURAL ENGINEER WILL REVIEW AND RETURN TWO OF THE COPIES TO THE ARCHITECT. ADDITIONAL COPIES REQUIRED BY THE CONTRACTOR SHALL BE MADE BY THE CONTRACTOR AFTER THE REVIEW PROCESS.
6. MBA REVIEW OF SHOP DRAWING SUBMITTALS IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. REVIEW AND/OR APPROVAL OF SHOP DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR DEVIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FOR ERRORS/ OMISSIONS IN THE SHOP DRAWINGS.
7. CONTRACTOR MAY PROVIDE REVIEWED AND APPROVED SUBMITTALS IN AN ELECTRONIC .PDF FORMAT FOR ENGINEER REVIEW AND APPROVAL IN LIEU OF ELECTRONIC SUBMITTALS, CONTRACTOR MAY PROVIDE NO MORE THAN FOUR PAPER COPIES OF EACH STRUCTURAL SHOP DRAWING SUBMITTAL TO THE ENGINEER. THE STRUCTURAL ENGINEER WILL REVIEW AND RETURN TWO OF THE COPIES TO THE ARCHITECT. ADDITIONAL COPIES REQUIRED BY THE CONTRACTOR SHALL BE MADE BY THE CONTRACTOR AFTER THE REVIEW PROCESS.

EQUIPMENT NOTES

1. CONTRACTOR SHALL COORDINATE BETWEEN DRAWINGS TO VERIFY ALL EQUIPMENT WEIGHTS, LOCATIONS, AND/OR PENETRATIONS. THIS INFORMATION SHALL BE PROVIDED TO SUBCONTRACTORS PERFORMING DELEGATED DESIGN AND SHALL BE IDENTIFIED ON THE CORRESPONDING SUBMITTAL.
2. EQUIPMENT LOADS CONSIDERED IN THIS DESIGN ARE SHOWN ON PLANS THUSLY (1400#). THE STRUCTURAL ENGINEER SHALL BE NOTIFIED AND ALLOWED TO MODIFY THE DESIGN AS REQUIRED IF FINAL EQUIPMENT WEIGHTS ARE HEAVIER OR THE EQUIPMENT LAYOUT DIFFERS FROM THE APPROXIMATE LAYOUT SHOWN ON THE PLAN.
3. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S CERTIFIED DRAWINGS, SPECIFICATIONS AND/OR OTHER REQUIREMENTS FOR ATTACHING THE EQUIPMENT TO THE STRUCTURE. IF STRUCTURAL MEMBERS CONFLICT WITH ATTACHMENT, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED AND ALLOWED TO MODIFY THE DESIGN AS REQUIRED TO ACCOMMODATE THE MANUFACTURER'S REQUIREMENTS.

INTERFACE WITH EXISTING BUILDING

1. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING AT THE INTERFACE CONNECTIONS TO THE NEW STRUCTURE.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SHORING REQUIRED TO PROTECT THE EXISTING STRUCTURE.
3. AFTER DEMOLITION AND GENERAL SURVEY WORK HAS BEEN COMPLETED, AND PRIOR TO FABRICATION OF STRUCTURAL ELEMENTS, THE CONTRACTOR WILL VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE NOTIFIED AND ALLOWED TO EXAMINE THE AS-BUILT CONDITIONS OF THE EXISTING STRUCTURE TO DETERMINE IF ASSUMPTIONS REGARDING THE INTERFACE AT THE EXISTING STRUCTURE WERE CORRECT. MODIFICATIONS, IF REQUIRED, WILL BE MADE AT THAT TIME.

SITE AND FOUNDATION

1. THE DESIGN OF FOUNDATIONS AND RELATED COMPONENTS IS BASED ON THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY MBA ENGINEERS, DATED 2/21/2023. THE GENERAL CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS AND RECOMMENDATIONS IN THE REPORT.
2. ALLOWABLE SOIL BEARING PRESSURES: 2000 PSF
3. EXCAVATE, WHERE REQUIRED, TO BUILDING AND STRUCTURE SUBGRADE.
4. PROOF-ROLL THE AREA UNDER THE BUILDING, PLUS 5'-0" ON ALL SIDES, WITH A LOADED TANDEM AXLE DUMP TRUCK TO LOCATE ANY SOFT AREAS. A GEOTECHNICAL ENGINEER IS TO BE PRESENT DURING THIS OPERATION. ANY SOFT AREAS DETECTED ARE TO BE UNDERCUT AND REPLACED WITH ENGINEERED FILL.
5. ACCEPTABLE FILL MATERIAL SHALL BE FREE OF ORGANICS, AND HAVE A P.I. OF LESS THAN 25, L.L. OF LESS THAN 50 AND A MAXIMUM DRY DENSITY OF GREATER THAN 100 PCF. CRUSHED STONE BACKFILL TO MEET REQUIREMENTS OF A.H.D. No. 57 STONE. DRAINAGE FILL SUPPORTING SLABS SHALL MEET THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.
6. FILL, WHERE REQUIRED, IS TO BE PLACED IN 8" OR LESS LOOSE LIFTS WHEN HEAVY, SELF-PROPELLED COMPACTION EQUIPMENT IS USED AND 6" LOOSE LIFTS WHEN HAND-GUIDED EQUIPMENT IS USED. IT IS TO BE COMPACTED TO 98% STANDARD PROCTOR (ASTM D-698), WITHIN ±2% OF OPTIMUM MOISTURE CONTENT.
7. THE GEOTECHNICAL ENGINEER SHALL REVIEW THE FINAL FOUNDATION DESIGN TO VERIFY THAT ALL FOUNDATION SYSTEMS, INCLUDING SLAB ON GRADE DESIGN AND DETAILING, COMPLIES WITH THE GEOTECHNICAL PARAMETERS INCLUDED IN THE GEOTECHNICAL REPORT. WRITTEN VERIFICATION OF THIS REVIEW SHALL BE SUBMITTED TO THE ARCHITECT TWO WEEKS BEFORE FINAL PRICING/BID DATE.
8. FLOOR SLAB TO BE SUPPORTED ON A MINIMUM OF 6 INCHES OF FREE DRAINING CRUSHED AGGREGATE ABOVE ENGINEERED FILL SOILS.

CONCRETE

1. CONCRETE CONSTRUCTION AND QUALITY ASSURANCE SHALL BE IN ACCORDANCE WITH CURRENT ACI STANDARDS.
2. CONCRETE SCHEDULES

ITEM	28 DAY COMPRESSIVE STRENGTH
A. CONCRETE FOOTINGS	4000 PSI NORMAL WEIGHT
B. ALL OTHER CONCRETE	3000 PSI NORMAL WEIGHT

3. CONCRETE COVER OVER REINFORCING (UNO)
   A. UNFORMED SURFACE IN CONTACT WITH EARTH: 3 IN.
   B. UNFORMED SURFACE OVER VAPOR BARRIER: 2 IN.
   C. FORMED SURFACES EXPOSED TO EARTH OR WEATHER:
      #6 AND LARGER 2 IN.
      #5 AND SMALLER 1 1/2 IN.
   D. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:
      WALLS, SLABS: 3/4 IN.
      COLUMNS, BEAMS: 1 1/2 IN. TO TIES
4. CONCRETE AT SLABS ON GRADE SHALL HAVE A NOMINAL MAXIMUM COARSE AGGREGATE SIZE OF 3/4 INCH. ADJUST PORTIONS OF COMBINED COARSE, INTERMEDIATE AND FINE AGGREGATES TO PROVIDE A COARSENESS FACTOR OF 60 TO 75%.
5. ALL REINFORCING SHALL CONFORM TO THE LATEST REVISION OF ASTM SPECIFICATION A615, GRADE 60 AND BE DETAILED IN ACCORDANCE WITH THE LATEST REVISION OF ACI STANDARD 315.
6. NO REINFORCING BAR SHALL BE WELDED IN ANY MANNER, UNLESS SPECIFICALLY SHOWN OR NOTED ON THE DRAWINGS.
7. CONTINUOUS FOOTING REINFORCING BARS SHALL BE LAPPED 30 BAR DIAMETERS, BUT NOT LESS THAN 1'-0".
8. GRADE BEAM, ELEVATED BEAM, AND ELEVATED SLAB REINFORCING BARS SHALL BE SPLICED ONLY AS SHOWN ON THE DRAWINGS, EXCEPT THE REINFORCING DESIGNATED AS "CONTINUOUS" SHALL HAVE A CLASS "B" LAP SPLICE (PER ACI 318). LAP SPLICES OF CONTINUOUS REINFORCING SHALL BE MADE OVER SUPPORTS FOR BOTTOM BARS AND FOR INTERMEDIATE BARS AND AT MID-SPAN FOR TOP BARS. AT EXTERIOR SUPPORTS, TOP AND BOTTOM BARS SHALL BE HOOKED AND INTERMEDIATE BARS SHALL EXTEND TO WITHIN 2" OF EXTERIOR FACE.
9. COLUMN AND WALL VERTICAL REINFORCING BARS SHALL BE LAPPED WITH A CLASS "B" SPLICE. WALL HORIZONTAL REINFORCING BARS SHALL BE LAPPED 30 DIAMETERS AT SPLICE POINTS. PROVIDE CORNER BARS FOR WALLS.
10. PROVIDE FULL EMBEDMENT FOR ALL DOWELS. IF NOT OTHERWISE SPECIFIED, DOWEL SIZE AND SPACING SHALL BE THE SAME AS MAIN REINFORCING.
11. CONSTRUCTION JOINTS IN CONCRETE BEAMS AND SLABS SHALL BE AT OR NEAR MIDSPAN. ALL CONSTRUCTION JOINTS TO BE KEYED.
12. HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN WALLS AND BEAMS, UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.
13. CONDUIT, PIPES, AND SLEEVES SHALL NOT BE SPACED CLOSER THAN 3 DIAMETERS ON CENTER, NOT HAVE AN OUTSIDE DIAMETER GREATER THAN 1/3 THE OVERALL THICKNESS OF THE SLAB, WALL OR BEAM IN WHICH THEY ARE EMBEDDED, AND SHALL HAVE A MINIMUM COVER OF 1 1/2 INCH FOR CONCRETE EXPOSED TO EARTH OR WEATHER AND 3/4 INCH FOR CONCRETE NOT EXPOSED TO EARTH OR WEATHER.
14. PIPING AND CONDUIT SHALL BE SO FABRICATED AND INSTALLED THAT CUTTING, BENDING, OR DISPLACEMENT OF REINFORCEMENT FROM ITS PROPER LOCATION WILL NOT BE REQUIRED.
15. THE CONTRACTOR SHALL SUBMIT, FOR REVIEW, SHOP DRAWINGS FOR ALL REINFORCING BARS INCLUDING DETAILS AT ALL OPENINGS AND ASSOCIATED ADDED REINFORCEMENT AS SHOWN ON TYPICAL DETAILS.

TENSION LAP SPLICE LENGTH

	f'c = 3000 PSI				f'c = 4000 PSI			
	TOP BARS		OTHERS BARS		TOP BARS		OTHERS BARS	
BAR SIZE	A	B	A	B	A	B	A	B
#3	22	28	17	22	19	24	15	19
#4	29	37	22	29	25	32	19	25
#5	36	47	28	36	31	40	24	31
#6	43	56	33	43	37	48	29	37
#7	63	81	48	63	54	70	42	54
#8	72	93	55	72	62	80	48	62
#9	81	105	62	81	70	91	54	70
#10	91	118	70	91	79	102	61	79
#11	101	131	78	101	87	113	67	87

CONCRETE MASONRY

1. MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530.1 SPECIFICATION OR TMS 402/602.
2. MASONRY COMPRESSIVE STRENGTH (f'm) SHALL BE 1900 PSI BASED ON THE UNIT STRENGTH METHOD OR VERIFIED BY PRISM TESTS IN ACCORDANCE WITH ASTM C 1314.
3. MORTAR SHALL BE TYPE S OR M.
4. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.
5. NO REINFORCING BAR SHALL BE WELDED IN ANY MANNER, UNLESS SPECIFICALLY SHOWN OR NOTED ON THE DRAWINGS.
6. BLOCK FILL SHALL BE GROUT WITH AN 8" TO 11" SLUMP, PROPORTIONED PER ASTM C 476 OR ATTAINING 3000 PSI AT 28 DAYS PER ASTM C 1019. DO NOT USE MORTAR AS BLOCK FILL.
7. ALL GROUT SHALL BE CONSOLIDATED AT TIME OF PLACEMENT USING A LOW-VELOCITY MECHANICAL VIBRATOR WITH A 3/4-INCH HEAD. RE-CONSOLIDATE GROUT AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED. DO NOT PLACE NEXT LIFT OF GROUT UNTIL LOWER LIFT HAS BEEN RE-CONSOLIDATED.
8. ALL BLOCK CELLS AND CAVITIES BELOW GRADE SHALL BE GROUTED SOLID. ALL LINTELS & BOND BEAMS SHALL BE GROUTED SOLID.
9. ALL BLOCK CELLS WHICH HAVE VERTICAL REINFORCING SHALL BE GROUTED FULL-HEIGHT IN 5'-0" LIFTS (MAXIMUM HEIGHT). PROVIDE 1 1/2" (MINIMUM) GROUT KEY BELOW MORTAR JOINT AT TOP OF EACH LIFT.
10. VERTICAL REINFORCING SHALL BE DOWELED TO FOOTING WITH HOOKED BARS AT THE BASE AND EXTEND FULL-HEIGHT INTO BOND BEAM AT THE TOP. WHERE SPLICES ARE NECESSARY, PROVIDE LAP LENGTH = 48 BAR DIAMETERS.
11. VERTICAL REINFORCING SHALL BE LOCATED IN THE CENTER OF THE BLOCK CELLS, UNLESS NOTED, AND SHALL BE HELD IN PLACE WITH BAR POSITIONERS (HECKMANN #376 OR HOHMANN & BARNARD #RB) PRIOR TO GROUTING. "WET-STICKING" OF REINFORCING SHALL NOT BE ALLOWED.
12. MINIMUM VERTICAL WALL REINFORCING IN ALL WALLS SHALL CONSIST OF 1#5 VERTICAL IN EACH CORNER, AT EACH DOOR & WINDOW JAMB & AT EACH SIDE OF CONTROL AND/OR EXPANSION JOINTS. PROVIDE ADDITIONAL VERTICAL REINFORCING AS SHOWN IN SECTIONS AND AS NOTED ON PLANS.
13. AT CORNERS AND INTERSECTIONS OF BOND BEAMS IN WALLS, PROVIDE CORNER BARS (48 DIAMETERS LONG EA. LEG) TO TIE WALLS TOGETHER. BAR DIAMETER SHALL MATCH BOND BEAM REINFORCING.
14. AT TOP OF ALL MASONRY WALLS (BEARING OR NON-BEARING), PROVIDE 8" DEEP CONTINUOUS BOND BEAM REINFORCED WITH 2#5 CONTINUOUS, UNLESS NOTED OTHERWISE.
15. WHERE CMU IS PLACED IN A STACK BOND PATTERN, HORIZONTAL WALL REINFORCING SHALL CONSIST OF A MINIMUM STANDARD (9 GAGE) LADDER-TYPE JOINT REINFORCING AT EVERY COURSE (8" O.C.) FOR 12" CMU OR AT EVERY OTHER COURSE (16" O.C.) FOR 8" CMU. COORDINATE W/ ARCHITECTURAL DRAWINGS. WHERE CMU IS PLACED IN A RUNNING BOND PATTERN, HORIZONTAL WALL REINFORCING SHALL CONSIST OF A MINIMUM STANDARD (9 GAGE) LADDER-TYPE REINFORCING AT EVERY OTHER COURSE (16" O.C.).
16. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR DETAILS AND LOCATIONS OF MASONRY CONTROL JOINTS. IF NOT OTHERWISE SHOWN, DO NOT EXCEED 30'-0" BETWEEN BLOCK WALL CONTROL JOINTS AND 20'-0" BETWEEN BRICK VENEER CONTROL JOINTS.
17. ANCHOR WALLS TO SUPPORTING STRUCTURES AS SHOWN ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY BRACING OF ALL MASONRY WALLS DURING CONSTRUCTION.
18. THE CONTRACTOR SHALL SUBMIT, FOR REVIEW, SHOP DRAWINGS FOR ALL REINFORCING BARS INCLUDING DETAILS AT ALL OPENINGS AND ASSOCIATED ADDED REINFORCEMENT AS SHOWN ON TYPICAL DETAILS.

POST-INSTALLED ANCHORS

1. ANCHOR CAPACITY USED IN DESIGN IS BASED UPON THE TECHNICAL DATA PUBLISHED BY THE MANUFACTURER. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERFORMANCE VALUES OF THE SPECIFIED PRODUCT. SUBSTITUTIONS WILL BE EVALUATED ON THE FOLLOWING; HAVING AN ICC-ES ESR OR IAPMO UES ER SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE, AND INSTALLATION TEMPERATURE.
2. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.
3. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS, BY USE OF HILTI FERROSCAN, GPR, X-RAY, CHIPPING OR OTHER MEANS APPROVED BY THE ENGINEER OF RECORD. DO NOT CUT PRESTRESSED OR POST TENSIONED TENDONS WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD.
4. INSTALL ANCHORS PER THE MANUFACTURER PRINTED INSTALLATION INSTRUCTIONS.
5. UNLESS NOTED OTHERWISE, ALL ANCHORS TO BE INSTALLED WITH AN EMBEDMENT DEPTH EQUAL TO OR GREATER THAN MANUFACTURER STANDARD EMBEDMENT. OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING A SYSTEM THAT IS APPROVED FOR SUCH INSTALLATIONS IN THE PRODUCT CODE REPORT.
6. THE CONTRACTOR SHOULD ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED.
7. UNLESS SPECIFICALLY NOTED ON THE DRAWINGS, APPROVED ANCHORS ARE AS FOLLOWS:
   A. ANCHORAGE TO CONCRETE
      1. ADHESIVE ANCHORS FOR CONCRETE USE:
         a. SIMPSON STRONG-TIE AT-XP ADHESIVE ANCHORING SYSTEM WITH THREADED RODS (IAPMO UES ER-263).
         b. SIMPSON STRONG-TIE SET-XP ADHESIVE ANCHORING SYSTEM WITH THREADED RODS (ICC-ES ESR-2508) FOR SLOW CURE APPLICATIONS.
         c. HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT SYSTEM WITH THREADED ROD (ICC-ES ESR-3187).
         d. HILTI HIT-RE 500-SD EPOXY ADHESIVE ANCHORING SYSTEM WITH HAS-E THREADED ROD (ICC-ES ESR-2322) FOR SLOW CURE APPLICATIONS.
      2. MECHANICAL ANCHORS FOR CONCRETE USE:
         a. SIMPSON STRONG-TIE TITEN-HD (ICC-ES ESR-2713).
         b. SIMPSON STRONG-TIE STRONG-BOLT 2 (ICC-ES ESR-3037).
         c. HILTI KWIK HUS-EZ AND KWIK HUS EZ-I SCREW ANCHORS (ICC-ES ESR-3027).
         d. HILTI KWIK BOLT-TZ EXPANSION ANCHORS (ICC-ES ESR-1917).
   B. REBAR DOWELING INTO CONCRETE
      1. ADHESIVE ANCHORS FOR CONCRETE USE:
         a. SIMPSON STRONG-TIE SET-XP ADHESIVE ANCHORING SYSTEM WITH CONTINUOUSLY DEFORMED REBAR (ICC-ES ESR-2508).
         b. HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT SYSTEM WITH CONTINUOUSLY DEFORMED REBAR (ICC-ES ESR-3187).
         c. HILTI HIT-RE 500-SD EPOXY ADHESIVE ANCHORING SYSTEM WITH CONTINUOUSLY DEFORMED REBAR (ICC-ES ESR-2322).
   C. ANCHORAGE TO SOLID GROUTED MASONRY
      1. ADHESIVE ANCHORS USE:
         a. SIMPSON STRONG-TIE AT-XP ADHESIVE ANCHORING SYSTEM WITH THREADED ROD OR REBAR (IAMPMO UES ER-281).
         b. SIMPSON STRONG-TIE SET-XP ADHESIVE ANCHORING SYSTEM WITH THREADED ROD OR REBAR (IAMPMO UES ER-265).
         c. HILTI HIT-HY 70 MASONRY ADHESIVE ANCHORING SYSTEM PER ICC ESR-2682. STEEL ANCHOR ELEMENT SHALL BE HILTI HAS-E CONTINUOUSLY THREADED ROD OR CONTINUOUSLY DEFORMED STEEL REBAR.
      2. MECHANICAL ANCHORS USE:
         a. SIMPSON STRONG-TIE TITEN-HD (ICC-ES ESR-1056).
         b. SIMPSON STRONG-TIE AT (ICC-ES ESR-1958).
         c. HILTI KWIK HUS-EZ SCREW ANCHOR (ICC-ES ESR-3056).
         d. HILTI KWIK BOLT-3 EXPANSION ANCHORS (ICC-ES ESR-1385).

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA LICENSED No. 20453 PROFESSIONAL ENGINEER ANDREW T. MARLIN 10-27-23

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: GENERAL NOTES

PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

S1.01

10/23/2023 1:22:33 PM C:\Users\okendrick\OneDrive - mbaseli\Documents\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_okendrickF3DDU.rvt

STRUCTURAL STEEL

1. DESIGN, CONSTRUCTION, QUALITY ASSURANCE, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH CURRENT AISC STANDARDS.
2. ALL STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992.
3. ALL STRUCTURAL STEEL PLATES, ANGLES AND CHANNELS SHALL CONFORM TO ASTM A36.
4. ALL STRUCTURAL STEEL SQUARE, RECTANGULAR AND ROUND HSS SECTIONS SHALL CONFORM TO ASTM A500, GRADE B.
5. ALL STRUCTURAL STEEL PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B.
6. FABRICATION AND ERECTION SHALL CONFORM TO AISC CODE OF STANDARD PRACTICE.
7. ALL WELDING SHALL CONFORM TO AWS STANDARDS. THICKNESS OF WELDS ARE AS SHOWN, SPECIFIED OR REQUIRED.
8. ALL BOLTED CONNECTIONS SHALL BE MINIMUM 3/4" DIAMETER, A325 HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE.
9. THE STRUCTURAL STEEL FABRICATOR SHALL PROVIDE CERTIFICATIONS BY A PROFESSIONAL STRUCTURAL ENGINEER (P.E.) REGISTERED IN THE STATE OF ALABAMA THAT THE CONNECTION DESIGN IS IN ACCORDANCE WITH ALL APPLICABLE CODES AND SPECIFICATIONS. CONNECTION DESIGN CALCULATIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW.
10. ALL BEAM CONNECTIONS SHALL BE "SIMPLE SHEAR CONNECTIONS" UNLESS NOTED OTHERWISE. WHERE BEAM REACTIONS AND/OR DESIGN FORCES ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS, THE CONNECTIONS SHALL BE DESIGNED TO SUPPORT A REACTION EQUAL TO ONE-HALF THE TOTAL UNIFORM LOAD CAPACITY FROM THE MAXIMUM UNIFORM LOAD TABLE (LATEST AISC MANUAL OF STEEL PRACTICE) MULTIPLIED BY A FACTOR OF 1.2 (NON-COMPOSITE BEAMS) OR 1.45 (COMPOSITE BEAMS) FOR GIVEN SHAPE, SPAN, AND GRADE OF STEEL.

STEEL DECK

1. STEEL DECK CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF SDI STANDARDS.
2. ATTACH ROOF DECK TO SUPPORTS AT 12" OC. W/ 5/8" PUDDLE WELDS. ATTACH TO PERIMETER SUPPORTS AT 6" OC. PROVIDE #10 TEK SCREW SIDELAP FASTENERS AT 12" OC. (MIN. 5 PER SPAN).
3. DECK SHALL BE ATTACHED TO STEEL BEAMS AT 12" O.C. EITHER BY STUDS OR 3/4" PUDDLE WELDS. SIDE LAP WELDS SHALL BE PROVIDED PER MANUFACTURER'S RECOMMENDATIONS.
4. DECK SUPPORTS AROUND STEEL COLUMNS AND CLOSURE ANGLES SHALL BE SUPPLIED BY THE DECK MANUFACTURER, IF REQUIRED.
5. REINFORCING IN ALL FLOOR SLABS LOCATED 1" FROM THE TOP. SUPPORT AS REQUIRED.
6. DECK SHALL BE CONTINUOUS OVER THREE OR MORE SPANS.

WOOD CONSTRUCTION

1. ALL STRUCTURAL WOOD FRAMING MEMBERS TO BE AS FOLLOWS:
   A. LOAD-BEARING WALL STUDS: NO. 2 SOUTHERN PINE
   B. ALL OTHER MEMBERS: NO. 2 SOUTHERN PINE
2. LAMINATED VENEER LUMBER (LVL) BEAMS ARE TO HAVE AN ALLOWABLE BENDING STRESS (Fb) = 2600 PSI, AN ALLOWABLE TENSION STRESS (Ft) = 1555 PSI, AN ALLOWABLE SHEAR PARALLEL TO GRAIN (Fv) = 285 PSI AND A MODULUS OF ELASTICITY (E) = 2,000,000 PSI. SIZES ARE SHOWN ON THE PLANS AND DETAILS. MULTIPLE PLYS ARE TO BE FASTENED TOGETHER WITH A MINIMUM OF 2 ROWS OF 0.148 INCH DIAMETER BY 3 INCH LONG NAILS AT 12 INCHES (STAGGERED); NAILS TO BE SPACED 2 INCHES FROM THE TOP AND BOTTOM OF BEAMS.
3. ALL LUMBER, PLYWOOD, ETC. REQUIRED TO BE FIRE-RETARDANT TREATED SHALL MEET THE REQUIREMENTS OF SECTION 2303.3 OF THE IBC.
4. ALL LUMBER, INCLUDING PRESERVATIVE AND FIRE-RETARDANT TREATED LUMBER, SHALL BE KILN DRIED TO A MAXIMUM MOISTURE CONTENT OF 19%.
5. CUT ENDS OF ALL TREATED LUMBER SHALL BE FIELD TREATED IN ACCORDANCE WITH THE TREATMENT MANUFACTURERS INSTRUCTIONS AND/OR AWPA STANDARD M4.
6. ALL WOOD FRAMING CONNECTIONS TO COMPLY WITH "TABLE 2304.10.1- FASTENING SCHEDULE" OF THE INTERNATIONAL BUILDING CODE. NAIL SIZES (DIAMETER AND LENGTH) NOT INDICATED IN DOCUMENTS ARE BASED ON COMMON WIRE NAILS.
7. ALL FASTENERS FOR USE WITH PRESERVATIVE TREATED WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. HOT-DIPPED GALVANIZED FASTENERS SHALL MEET THE REQUIREMENTS OF ASTM A 153, CLASS D FOR 3/8" DIAMETER OR SMALLER AND CLASS C FOR FASTENERS WITH DIAMETERS OVER 3/8". FASTENERS OTHER THAN NAILS ARE PERMITTED TO BE MECHANICALLY DEPOSITED ZINC-COATED STEEL WITH MINIMUM COATING WEIGHTS IN ACCORDANCE WITH ASTM B 695, CLASS 55.
   A. HOT-DIPPED GALVANIZED MATERIAL, INCLUDING FASTENERS AND CONNECTION HARDWARE, SHALL NOT BE USED IN CONTACT WITH STAINLESS STEEL MATERIAL.
8. PREFABRICATED METAL CONNECTORS SHOWN IN DOCUMENTS ARE SIMPSON STRONG TIE CONNECTORS. SUBSTITUTION WITH EQUAL CONNECTORS BY OTHER MANUFACTURERS MUST BE APPROVED BY STRUCTURAL ENGINEER.
9. SAWN LUMBER JOISTS/RAFTERS AND SINGLE-PLY BEAMS WITH A NOMINAL DEPTH EQUAL TO OR GREATER THAN 10 INCHES SHALL BE LATERALLY BRACED AT MAXIMUM INTERVALS OF 8'-0" AND AT MEMBER ENDS BY SOLID BRIDGING OR TRANSVERSE BEAMS.
10. FLOOR SHEATHING: NOMINAL 3/4" THICK APA RATED SHEATHING WITH TONGUE & GROOVE EDGES AND A 48/24 SPAN RATING. INSTALL WITH LONG DIMENSION OF PANEL PERPENDICULAR TO SUPPORTS. GLUE AND FASTEN TO SUPPORTING MEMBERS WITH 0.131 INCH DIAMETER BY 2.5 INCH LONG NAILS AT 6 INCHES ON CENTER AT ALL FOUR PANEL EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS.
11. ROOF SHEATHING: NOMINAL 5/8" THICK APA RATED SHEATHING EXPOSURE 1 WITH A 40/20 SPAN RATING. INSTALL WITH LONG DIMENSION OF PANEL PERPENDICULAR TO SUPPORTS. FASTEN TO SUPPORTING MEMBERS WITH 0.148 INCH DIAMETER BY 3.0 INCH LONG NAILS AT 4 INCHES ON CENTER AT SUPPORTED PANEL EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS. INSTALL PLY CLIPS AT ALL UNSUPPORTED EDGES.
12. WALL SHEATHING: NOMINAL 1/2" THICK APA RATED SHEATHING EXPOSURE 1 WITH A 32/16 SPAN RATING. INSTALL WITH LONG DIMENSION OF PANEL PERPENDICULAR TO STUDS. UNLESS NOTED OTHERWISE, FASTEN TO SUPPORTING MEMBERS WITH 0.131 INCH DIAMETER BY 2.5 INCH LONG NAILS AT 6 INCHES ON CENTER AT ALL FOUR PANEL EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS.
   A. WALL SHEATHING SHALL BE CONTINUOUS ABOVE AND BELOW ALL OPENINGS.

PREFAB WOOD ROOF TRUSSES

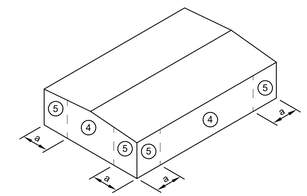
1. THE DESIGN, MANUFACTURE, QUALITY ASSURANCE AND ERECTION OF WOOD TRUSSES SHALL BE IN ACCORDANCE WITH THE CURRENT "NATIONAL DESIGN STANDARD FOR METAL-PLATE-CONNECTED WOOD TRUSS CONSTRUCTION" (TPI1) BY THE TRUSS PLATE INSTITUTE.
2. A TRUSS SUBMITTAL PACKAGE SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION AND ERECTION. THIS PACKAGE SHALL INCLUDE, AT A MINIMUM, EACH INDIVIDUAL TRUSS DESIGN DRAWING, THE TRUSS PLACEMENT DIAGRAM, THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING METHOD AND DETAILS, AND ANY OTHER STRUCTURAL DETAILS GERMANE TO THE TRUSSES. THE TRUSS DESIGN DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF THE TRUSS DESIGNER WHO SHALL BE REGISTERED IN THE STATE OF ALABAMA.
3. TRUSS TO TRUSS CONNECTIONS SHALL BE DESIGNED AND SPECIFIED BY THE TRUSS MANUFACTURER FOR THE DESIGN LOADS.
4. ALL TEMPORARY AND PERMANENT BRACING MEMBERS AND CONNECTIONS REQUIRED FOR TRUSSES SHALL BE DESIGNED AND DETAILED BY THE WOOD TRUSS DESIGNER. AT A MINIMUM, TRUSS INSTALLER SHALL COMPLY WITH THE "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING, AND BRACING OF METAL PLATE CONNECTED WOOD TRUSSES" BY BCSI.
5. TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED LOADS:
   ROOF TOP CHORD DEAD LOAD----------10 PSF
   ROOF BOTTOM CHORD DEAD LOAD----------10 PSF
   ROOF TOP CHORD LIVE LOAD----------20 PSF
   MECHANICAL CATWALK AREA LIVE LOAD----------40 PSF/300 LB CONCENTRATED LOAD
6. TRUSSES SHALL BE DESIGNED FOR COMPONENT AND CLADDING WIND LOADS BASED ON THE PROVIDED DESIGN CRITERIA AND COMPONENT AND CLADDING WIND LOAD TABLES.
7. TRUSS DESIGNER SHALL VERIFY THAT ALL EQUIPMENT WEIGHTS, CONCENTRATED LOADS, AND LOCATIONS ARE PROVIDED BY THE GENERAL CONTRACTOR. THE LOADS AND CORRESPONDING LOCATIONS SHALL BE IDENTIFIED ON THE TRUSS PLACEMENT DIAGRAM.
8. MECHANICAL DUCT OPENINGS IN TRUSSES SHALL BE COORDINATED WITH THE MECHANICAL DRAWINGS TO ACCOMMODATE THE DUCT LOCATION AND SIZE WITH INSULATION.

DESIGN CRITERIA

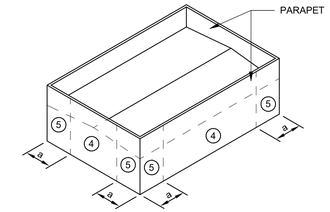
1. GOVERNING CODE:
   A. INTERNATIONAL BUILDING CODE, I.B.C. 2021
2. GRAVITY DESIGN LOADS:
   A. DEAD:
      1. DESIGN DEAD LOADS ARE BASED ON THE SELF WEIGHT OF CONSTRUCTION MATERIALS SHOWN IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. ANY ALTERNATE MATERIALS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER TO REVIEW
   B. LIVE:
      1. TYPICAL FLOOR.....100 PSF
      2. STAIRS, RAMPS.....100 PSF
      3. ROOF.....20 PSF
   C. SNOW:
      1. GROUND SNOW LOAD (Pg) = 5 PSF
      2. SNOW EXPOSURE FACTOR (Ce) = 1.0
      3. SNOW LOAD IMPORTANCE FACTOR (Is) = 1.10
      4. THERMAL FACTOR (Ct) = 1.0
3. LATERAL DESIGN LOADS:
   A. WIND:
      1. DESIGNED PER ASCE 7-16
      2. BASIC WIND SPEED = 110 MPH
      3. RISK CATEGORY = II
      4. BUILDING CATEGORY = ENCLOSED
      5. EXPOSURE CATEGORY = C
      6. INTERNAL PRESSURE COEFFICIENT (GCpi) = ±0.18
      7. COMPONENTS & CLADDING WIND PRESSURES SEE CHART

SPECIAL INSPECTIONS

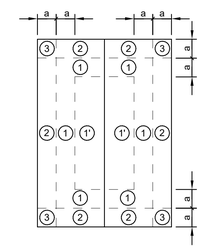
1. THE OWNER SHALL EMPLOY A QUALIFIED TESTING AGENT/ENGINEER TO PROVIDE SPECIAL INSPECTIONS. SPECIAL INSPECTORS SHALL SUBMIT RESUME OF EXPERIENCE AND QUALIFICATIONS OF ALL INDIVIDUALS PERFORMING WORK TO THE ARCHITECT/STRUCTURAL ENGINEER OF RECORD FOR APPROVAL PRIOR TO ANY WORK BEING PERFORMED. SPECIAL INSPECTIONS SHOULD BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2021 ED. AND AS INDICATED IN THE SPECIFICATIONS.



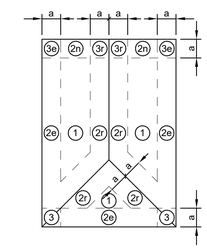
WALL ZONES



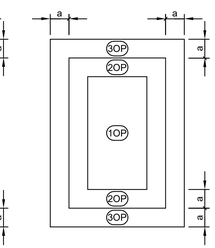
WALL ZONES



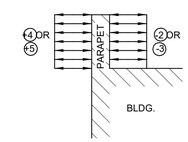
ROOF ZONES
GABLE ROOF θ≤7°



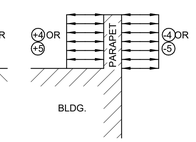
ROOF ZONES
GABLE/HIP ROOF 7°<θ≤27°

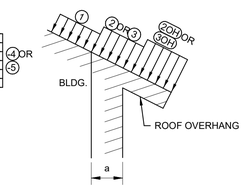


CANOPY ROOF ZONES



@ PARAPET





@ ROOF OVERHANG

ZONE LAYOUT DIAGRAMS

COMPONENTS AND CLADDING DESIGN WIND PRESSURES ASCE 7-16 (PSF)

ZONE	EFFECTIVE WIND AREA									
	10 SF		20 SF		50 SF		100 SF		200 SF	
	XXX	-XXX	XXX	-XXX	XXX	-XXX	XXX	-XXX	XXX	-XXX
1	26	-47	23	-40	19	-30	16	-23	16	-23
2e	26	-47	23	-40	19	-30	16	-23	16	-23
2n	26	-51	23	-46	19	-40	16	-33	16	-33
2r	26	-47	23	-40	19	-30	16	-23	16	-23
3e	26	-63	23	-56	19	-46	16	-39	16	-39
3r	26	-51	23	-46	19	-39	16	-33	16	-33
4	28	-30	27	-29	25	-27	24	-26	24	-26
5	28	-37	27	-35	25	-32	24	-29	24	-29
2OH	26	-51	23	-46	19	-39	16	-33	16	-33
3OH	29	-72	26	-64	22	-53	19	-45	19	-45
1OP	25	-23	25	-23	25	-23	25	-23	25	-23
2OP	37	-35	37	-35	37	-35	25	-23	25	-23
3OP	49	-67	49	-67	37	-35	25	-23	25	-23

NOTES:
1. PLUS AND MINUS SIGNS DENOTE PRESSURE ACTING TOWARD AND AWAY FROM BUILDING SURFACES.
2. PRESSURE ZONE LOCATIONS ARE IN ACCORDANCE WITH ASCE 7-16.
3. PRESSURES INDICATED ARE BASED ON ULTIMATE WIND SPEEDS PER ASCE 7-16. TO CONVERT PRESSURES TO NOMINAL LOADS,MULTIPLY VALUES IN CHART BY A FACTOR OF 0.6.
4. a= 4' FOR AMPHITHEATER

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 20453 PROFESSIONAL ENGINEER ANDREW T. MARLIN 10-27-23

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

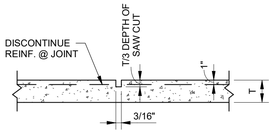
No	Date	Description

SHEET TITLE: GENERAL NOTES

PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

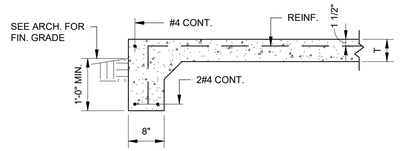
S1.02

10/23/2023 1:22:33 PM C:\Users\okendrick\OneDrive - mbaseis\Document\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_okendrickF3DDU.rvt



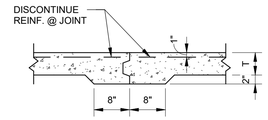
TYPICAL SAWED CONTROL JOINT

NOTES:
1. USE SAWS, BLADES AND SKID PLATES BY SOFF-CUT INTERNATIONAL OR EQUAL.
2. PROVIDE CONTROL JOINTS AT NO MORE THAN 15' OC.
3. START CUTTING SAWED JOINTS AS SOON AS CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT RAVELING OR DISLODGING OF AGGREGATES. THIS WILL TYPICALLY BE FROM 1 HOUR IN HOT WEATHER TO 4 HOURS IN COLD WEATHER AFTER COMPLETING FINISHING OF SLAB IN THAT JOINT LOCATION.
4. EXTEND SAWED JOINT TO THE SLAB BOUNDARIES AND ABUTMENTS, INCLUDING COLUMNS, DRAINS AND OTHER PENETRATIONS IN THE PATH OF A DEFINED JOINT. IMPLEMENT METHODS AND TIMING OF THE SAW CUT BEYOND THE LIMITS OF THE SOFF-CUT SAW REACH TO PROVIDE A CONSISTENT DEPTH OF CUT WITH MINIMAL RAVELING OF JOINT EDGES.
5. T = SLAB THICKNESS (SEE PLAN)



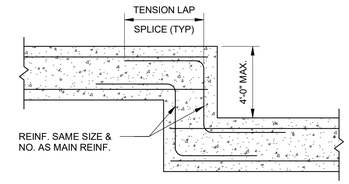
TYPICAL TURNDOWN SLAB DETAIL

NOTE:
T = SLAB THICKNESS (SEE PLAN)

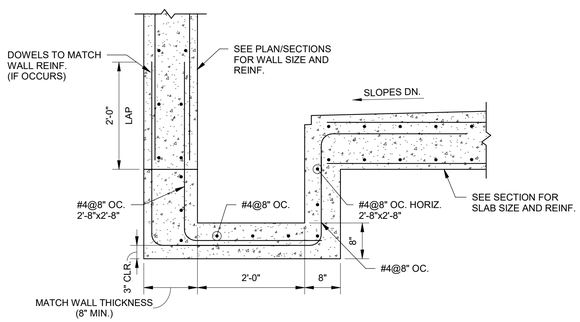


TYPICAL KEYED CONSTRUCTION JOINT

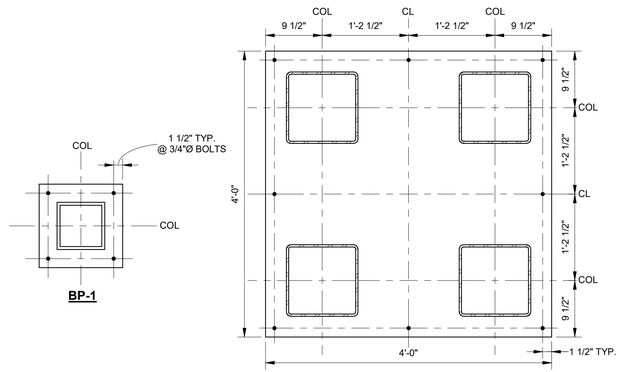
NOTES:
1. T=SLAB THINKNESS (SEE PLAN)
2. SEE PLAN FOR LOCATION OF JOINTS



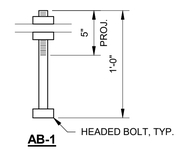
TYPICAL FOOTING STEP DETAIL



TYPICAL SUMP PIT DETAIL

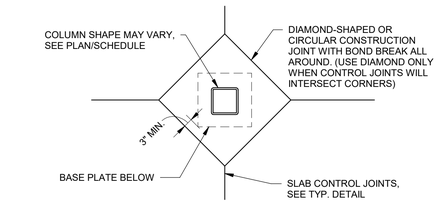


TYPICAL BASE PLATE DETAILS

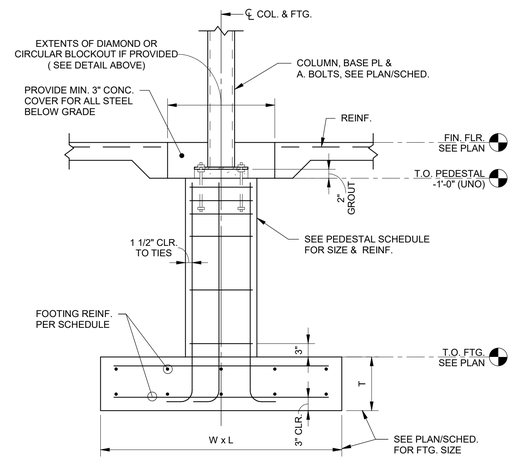


TYPICAL ANCHOR BOLT DETAILS

USE ASTM F1554 GRADE 55 WITH WELDABILITY SUPPLEMENT S1 FOR ALL ANCHOR BOLTS UNO.

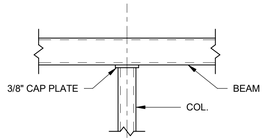


PLAN VIEW

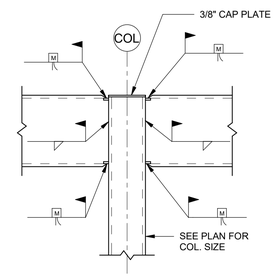


SECTION VIEW (WITH PEDESTAL)

TYPICAL COLUMN FOOTING DETAIL



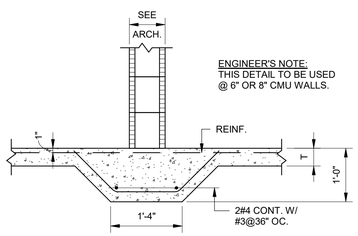
TYPICAL BEAM OVER COLUMN DETAIL



HSS BEAM TO HSS COLUMN

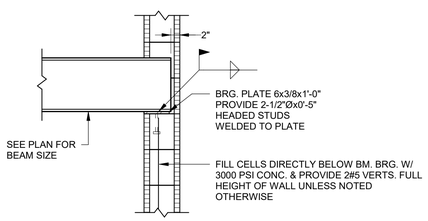
TYPICAL BEAM TO COLUMN MOMENT CONNECTION DETAIL

SEE PLAN FOR LOCATION. DESIGN MOMENT CONNECTION FOR FULL MOMENT CAPACITY OF THE BEAM. IT MAY BE NECESSARY TO REINFORCE THE COLUMN @ THIS CONNECTION.

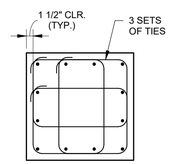


TYPICAL THICKENED SLAB @ NON-LOAD BEARING MASONRY PARTITIONS

NOTES:
1. T = SLAB THICKNESS (SEE PLAN FOR SLAB CONSTRUCTION)
2. COORDINATE LOCATION OF NON-LOAD BEARING MASONRY PARTITIONS WITH ARCH.

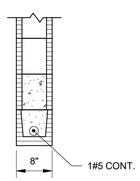


TYPICAL BEAM BEARING ON MASONRY WALL DETAIL



12 BAR SQ.

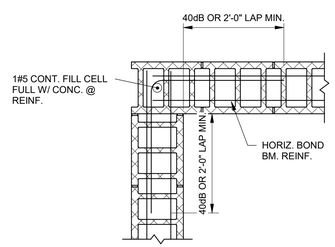
TYPICAL COLUMN TIE ARRANGEMENTS



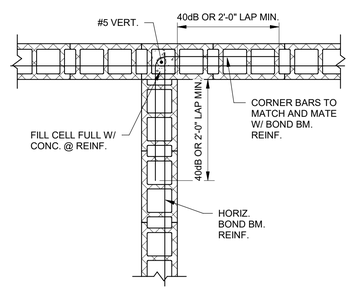
0'-0" TO 6'-0" SPANS

NOTE:
1'-4" MIN. BRG. LENGTH EA. END

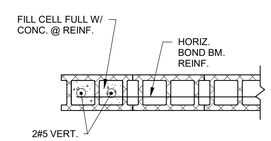
TYPICAL CMU WALL LINTEL DETAILS (U.N.O.)



TYPICAL CORNER MASONRY WALL REINF. DETAIL



TYPICAL INTERSECTION MASONRY WALL REINF. DETAIL



TYPICAL JAMB AND END OF MASONRY WALL REINF. DETAIL

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA LICENSED No. 20453 PROFESSIONAL ENGINEER ANDREW T. MARLIN 10-27-23

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

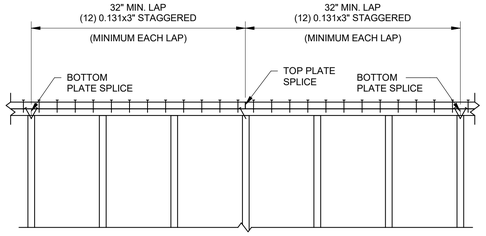
No	Date	Description

SHEET TITLE: TYPICAL DETAILS

PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

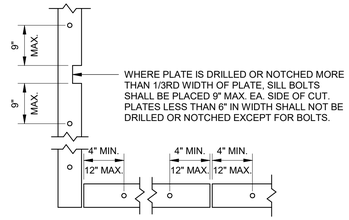
S1.03

10/23/2023 1:22:34 PM C:\Users\okendrick\OneDrive - mbase\Documents\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_okendrickF3DDU.rvt

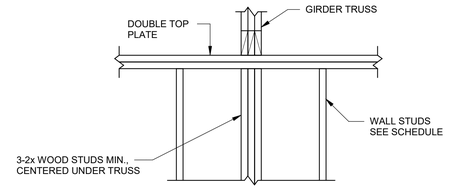


TYPICAL SHEAR WALLS & BEARING WALLS

TYPICAL TOP PLATE SPLICE DETAIL

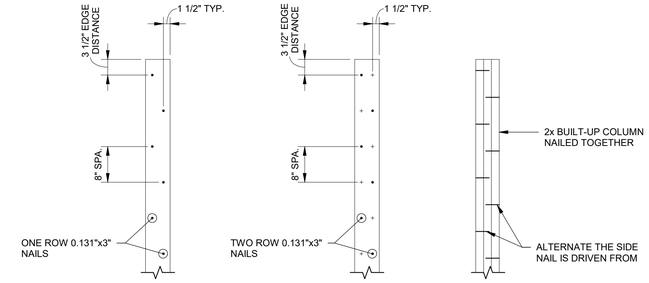


TYPICAL SILL PLATE ANCHOR BOLT LAYOUT



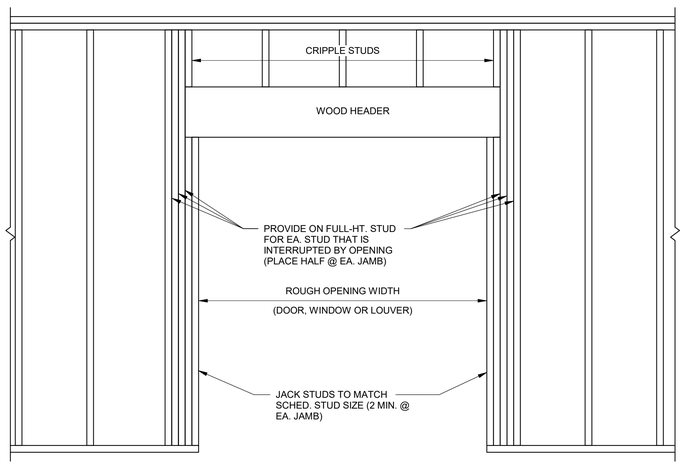
TYPICAL GIRDER TRUSS BEARING DETAIL

(FOR WOOD CONSTRUCTION ONLY)



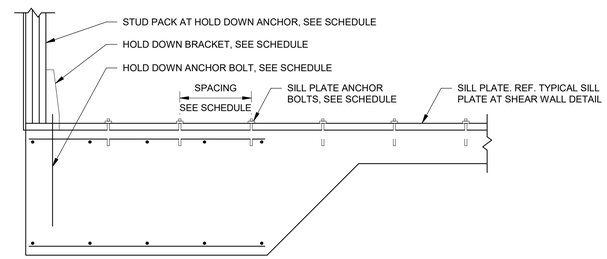
2 - 2x **FRONT** | **3 - 2x** **FRONT** | **SIDE**

TYPICAL BUILT-UP COLUMN/STUD PACK FASTENING DETAIL



WOOD HEADER SCHEDULE				
	2x4 STUD WALL		2x6 STUD WALL	
SPAN	BEAM	JACK STUDS	BEAM	JACK STUDS
4'-0"	2-2x10	2	3-2x8	2
6'-0"	2-2x12	2	3-2x12	2
8'-0"	3 1/2x9 1/4 LVL	3	5 1/4x9 1/4 LVL	2

TYPICAL OPENING DETAIL @ LOAD BEARING WALLS

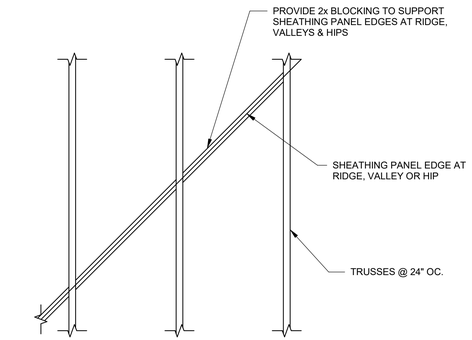


NOTE:
WHERE HOLD DOWN DOES NOT OCCUR @ CORNER, LOCATE THE FOOTING CENTRALLY BELOW THE ANCHOR BOLT.

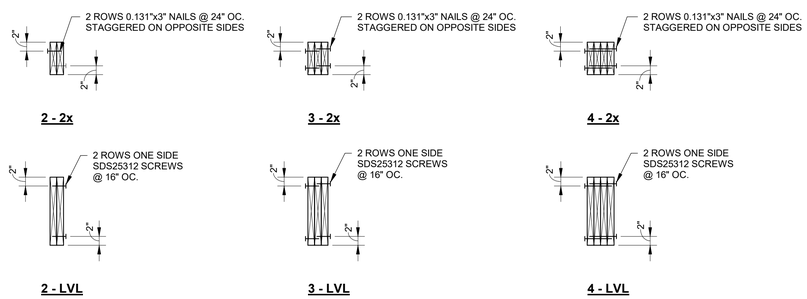
SHEARWALL SCHEDULE							
SHEARWALL DESIGNATION	LEVEL	FASTENING PATTERN	HOLD DOWN			SILL PLATE	
			STUD PACK	BRACKET	ANCHOR ROD	FASTENER	SPACING
SW1	1	6" OC. EDGE, 6" OC. FIELD	(2) 2x	HDU2-SDS2.5	5/8"Øx8" TITEN HD.	1/2"Øx6" TITEN HD.	24" OC.
SW2	1	6" OC. EDGE, 12" OC. FIELD	(2) 2x	DTT2Z	1/2"Øx6" TITEN HD.	1/2"Øx6" TITEN HD.	32" OC.
SW3	1	6" OC. EDGE, 12" OC. FIELD	(2) 2x	DTT2Z	1/2"Øx6" TITEN HD.	1/2"Øx6" TITEN HD.	32" OC.
SW4	1	6" OC. EDGE, 12" OC. FIELD	(2) 2x	DTT2Z	1/2"Øx6" TITEN HD.	1/2"Øx6" TITEN HD.	32" OC.

NOTES:
1. "B" DESIGNATION AT FASTENER PATTERN DENOTES REQUIREMENT FOR ALL PANEL EDGES TO BE SUPPORTED ON 2x FRAMING. PROVIDE MINIMUM 2x4 BLOCKING BETWEEN STUDS AT PANEL EDGES.
2. WALL STUDS NOT SHOWN FOR CLARITY.
3. PRODUCTS ARE BY SIMPSON STRONG-TIE.
4. SHEATHING THICKNESS, SPAN RATING, AND OTHER REQUIREMENTS ARE PROVIDED IN THE GENERAL NOTES.
5. SHEATHING FASTENERS TO BE 0.148"Øx3" LONG NAILS.
6. USE 0.229"x4 1/2"x3" PLATE WASHERS FOR 2x6 WALLS SO WASHER EXTENDS TO WITHIN 1/2" OF THE EDGE OF THE BOTTOM PLATE ON THE SIDE WHERE SHEATHING IS ATTACHED WHILE SILL PLATE FASTENER IS CENTERED ON WALL.
7. FASTENERS AT TREATED SILL PLATE SHALL BE CORROSION PROTECTED PER GENERAL NOTES.

TYPICAL SHEARWALL HOLD DOWN DETAIL/SCHEDULE



TYPICAL ROOF SHEATHING PANEL EDGE SUPPORT DETAIL

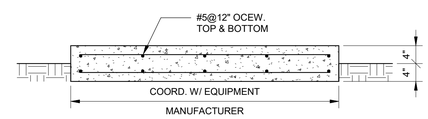


2 - 2x | **3 - 2x** | **4 - 2x**

2 - LVL | **3 - LVL** | **4 - LVL**

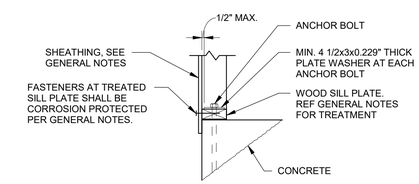
TYPICAL BUILT-UP GIRDER/BEAM FASTENING DETAIL

NOTE: GLUE MEMBERS TOGETHER PRIOR TO INSTALLING FASTENERS

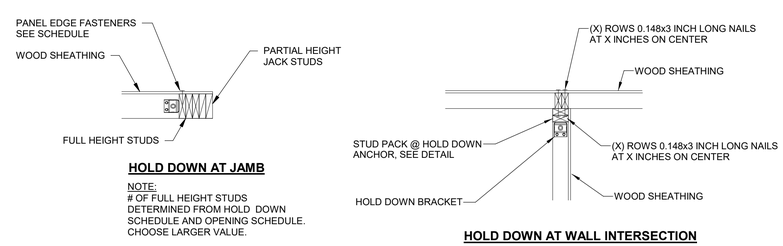


TYPICAL MECHANICAL PAD

SEE ARCH./MECH./ELEC. FOR LOCATION



TYPICAL SILL PLATE



HOLD DOWN AT JAMB

NOTE:
OF FULL HEIGHT STUDS DETERMINED FROM HOLD DOWN SCHEDULE AND OPENING SCHEDULE. CHOOSE LARGER VALUE.

HOLD DOWN AT WALL INTERSECTION

WALL CONSTRUCTION AT HOLD DOWN ANCHOR FASTENING SCHEDULE		
HOLD DOWN ANCHOR	NUMBER OF ROWS	FASTENER SPACING
DTT2Z	2	6"
HDU2	2	6"
HDU4	2	4"
HDU5	2	3"
HDU8	3	4"
HDU11	3	3"

TYPICAL WALL CONSTRUCTION AT HOLD DOWN ANCHOR DETAIL

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 20453 PROFESSIONAL 10-27-23 ENGINEER ANDREW T. MARLIN

I.F.C.
ISSUED FOR CONSTRUCTION

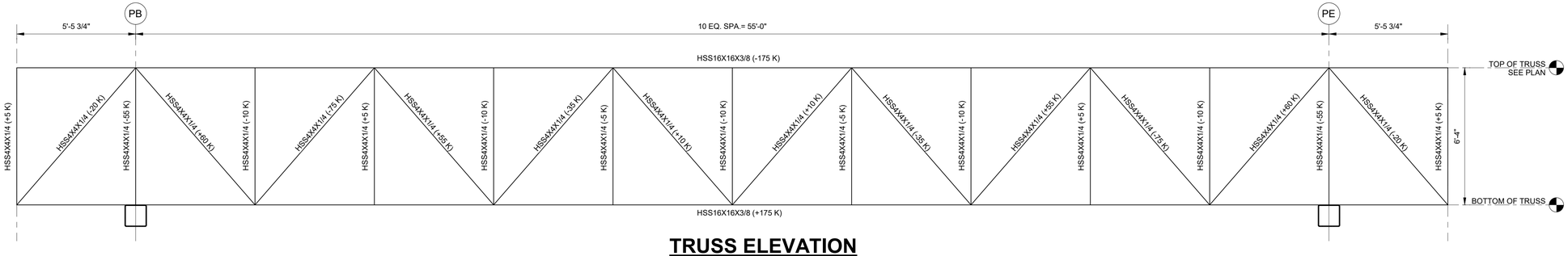
REVISIONS:		
No	Date	Description

SHEET TITLE: TYPICAL DETAILS

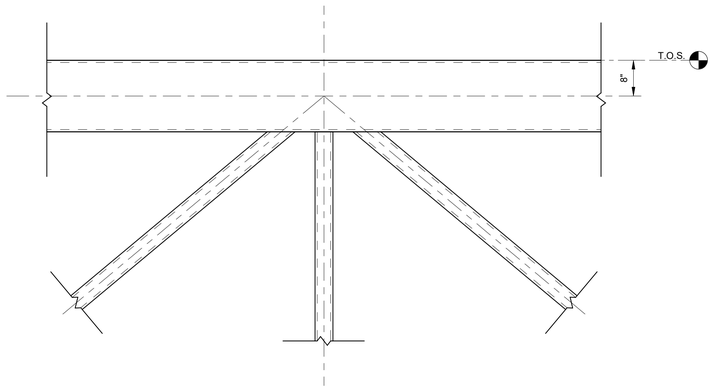
PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

S1.04

10/23/2023 1:22:35 PM C:\Users\okendrick\OneDrive - mbaseis\Document\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_okendrickF3DDU.rvt



TRUSS ELEVATION



TYPICAL TRUSS CONNECTION DETAILS

TRUSS NOTES:

1. MEMBER DESIGN FORCES SHOWN ( ) ARE SERVICE LEVEL (UNFACTORED) PER IBC 2021 ALLOWABLE STRESS DESIGN LOAD COMBINATIONS
   + DENOTES TENSION
   - DENOTES COMPRESSION
2. ALL FIELD CONNECTIONS SHALL BE WELDED. FIELD BOLTING W/ 3/4" DIA. A-325 BOLTS SHALL BE ALLOWED FOR ERECTION PURPOSES ONLY.
3. ALL SHOP CONNECTIONS SHALL BE WELDED.
4. TRUSS CONNECTIONS SHALL BE DESIGNED FOR THE FULL DESIGN AXIAL FORCE AS SHOWN.
5. LAY OUT MEMBERS SO THAT NEUTRAL AXIS OR GAGE LINES OF MEMBERS INTERSECT AT PANEL POINTS AND WORKING POINTS.

10/23/2023 1:22:35 PM C:\Users\okendrick\OneDrive - mbaseh\Documents\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_okendrickF3DDU.rvt

TURNERBATSON

REBID

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA LICENSED No. 20453 PROFESSIONAL ENGINEER 10-27-23 ANDREW T. MARLIN

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

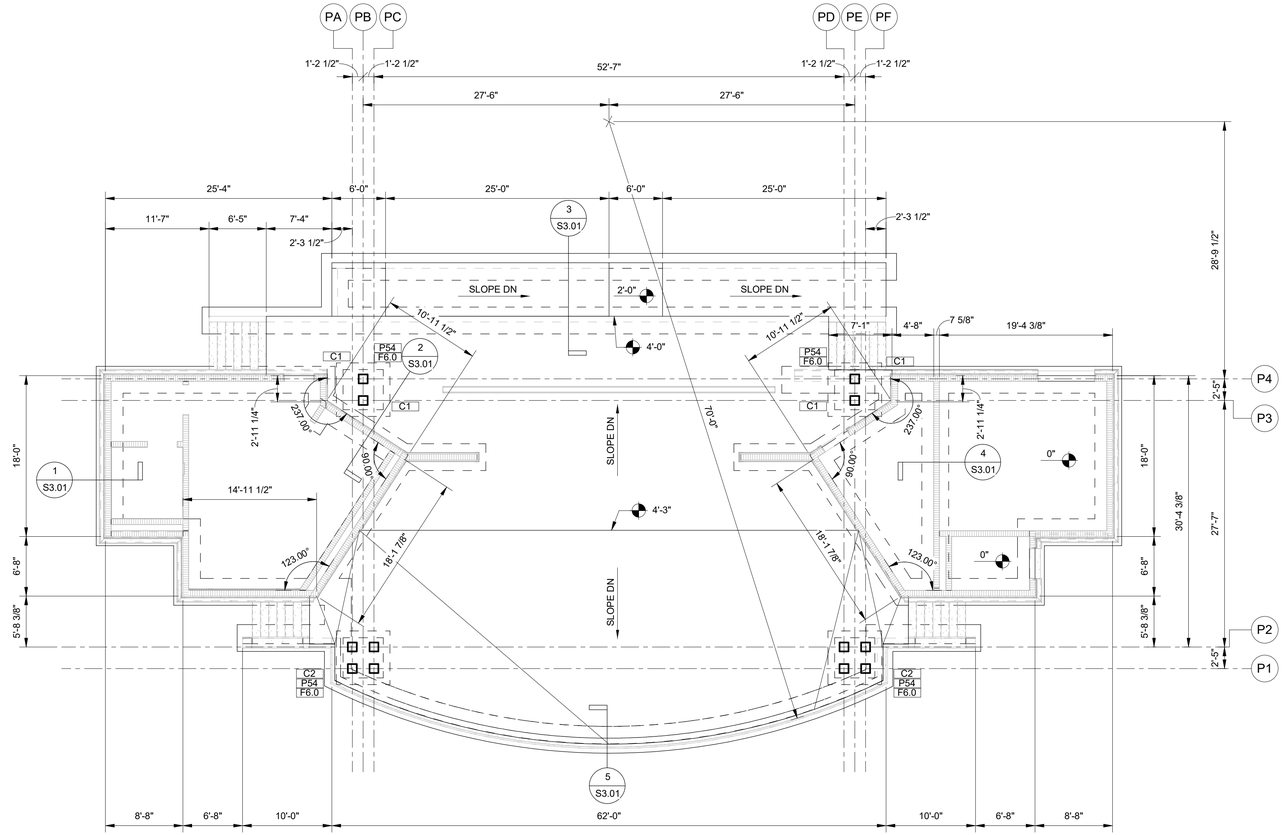
No	Date	Description

SHEET TITLE: TRUSS ELEVATION

PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

S1.05



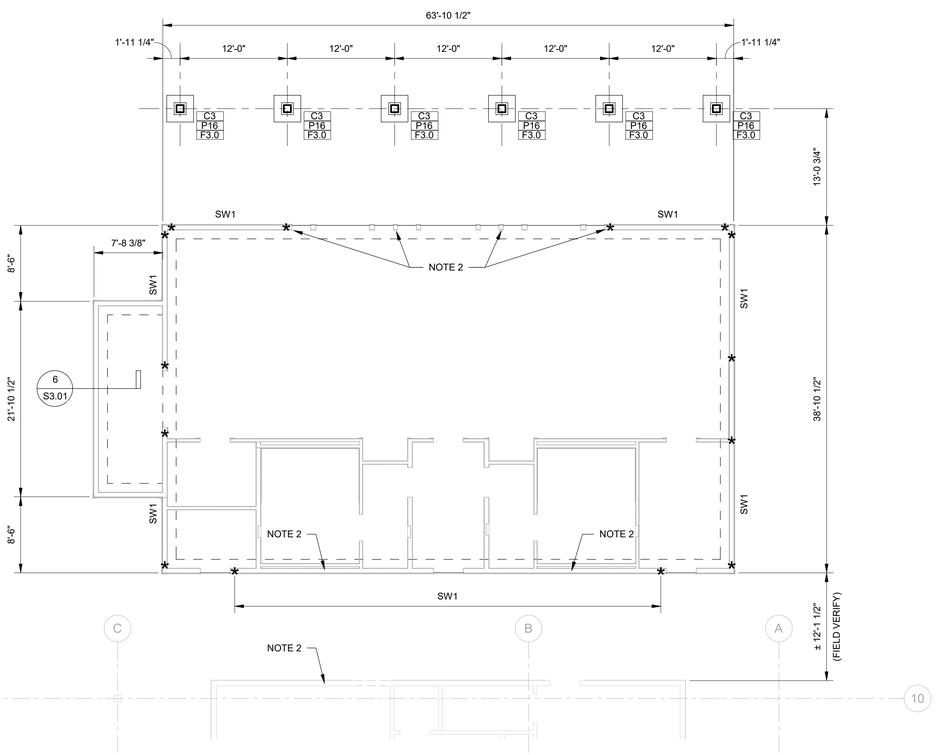
FOUNDATION & FIRST FLOOR PLAN - PAVILLION

1/8" = 1'-0"

FIN. FLR. ELEV. 4'-0" U.N.O.
CIVIL BASELINE = 480.00'

FLOOR CONSTRUCTION:
5" CONC. SLAB ON GRADE. REINF. W/ 6X6 - W1.4XW1.4 WWR.

NOTES:
1. TOP OF FTG. ELEV. = (-2'-0") U.N.O.
2. TOP OF PEDESTAL ELEV. = (3'-0") U.N.O.



COLUMN SCHEDULE						
MARK	SIZE	BASE PLATE	BASE PLATE DETAIL	ANCHOR BOLTS	ANCHOR BOLT DETAIL	REMARKS
C1	HSS12X12X3/8	18"X18"X1"	BP-1	(4) 3/4"Ø	AB-1	
C2	(4) HSS12X12X3/8	48"X1 1/2"X48"	BP-2	(8) 3/4"Ø	AB-1	
C3	10X10 PT WOOD POST	CPS10	-	5/8"ØX20" ANCHORS	-	-

PEDESTAL SCHEDULE					
	SIZE				
MARK	WIDTH	LENGTH	REINFORCING	TIES	REMARKS
P16	16"	16"	4#5 VERT.	#3@8" OC.	
P54	54"	54"	12#10 VERT.	3#3@18" OC.	

COLUMN FOUNDATION SCHEDULE				
	FOOTING SIZE			
MARK	WIDTH	LENGTH	THICKNESS	REINFORCING
F3.0	3'-0"	3'-0"	1'-0"	3#5 OCEW. TOP & BOTTOM
F4.0	4'-0"	4'-0"	1'-0"	4#5 OCEW. TOP & BOTTOM
F6.0	6'-0"	6'-0"	1'-0"	6#5 OCEW. TOP & BOTTOM

FOUNDATION & FIRST FLOOR PLAN - SENIOR CENTER - ALT. #1

1/8" = 1'-0"

FIN. FLR. ELEV. 0'-10" U.N.O.
CIVIL BASELINE = 476.83'

FLOOR CONSTRUCTION:
4" CONC. SLAB ON GRADE. REINF. W/ 6X6 - W1.4XW1.4 WWR.

NOTES:
1. TOP OF FTG. ELEV. = (-1'-2") U.N.O.
2. (3) 2X6 BUILT UP STUD PACK. SEE TYP. DETAIL.
3. TOP OF PEDESTAL ELEV. = (0'-10") U.N.O.
4. ★ - DENOTES HOLD-DOWN ROD LOCATIONS. SEE TYPICAL SHEARWALL HOLD DOWN DETAIL/SCHEDULE ON S1.04.
5. SW1 - DENOTES SHEARWALL. SEE TYPICAL SHEARWALL HOLD DOWN DETAIL/SCHEDULE ON S1.04.

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 20453 PROFESSIONAL ENGINEER ANDREW T. MARLIN 10-27-23

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

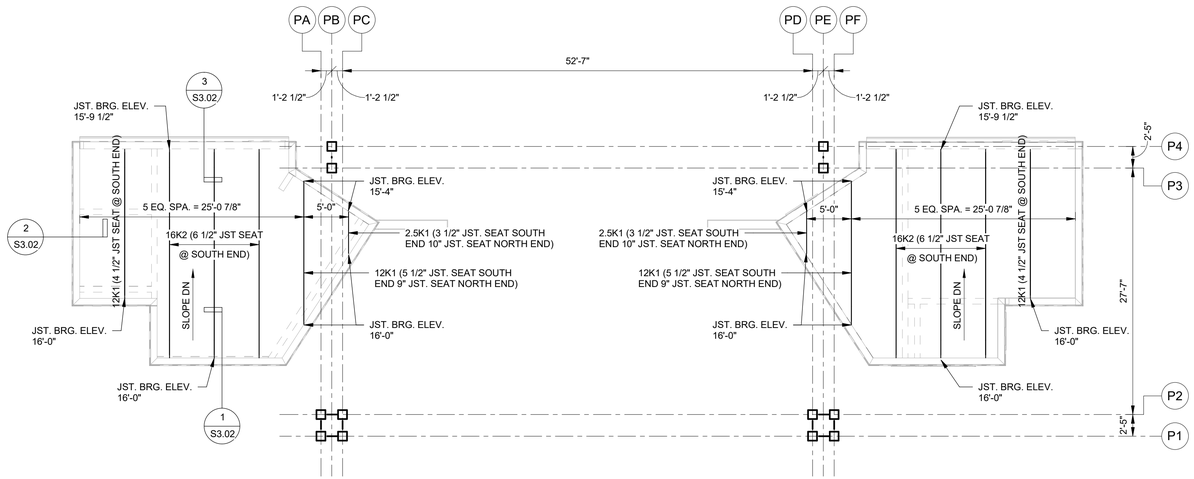
No	Date	Description

SHEET TITLE: FOUNDATION & FIRST FLOOR PLANS

PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

S2.01

10/23/2023 1:22:35 PM C:\Users\akendrick\OneDrive - mbaseli\Documents\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_akendrickF3DDU.rvt

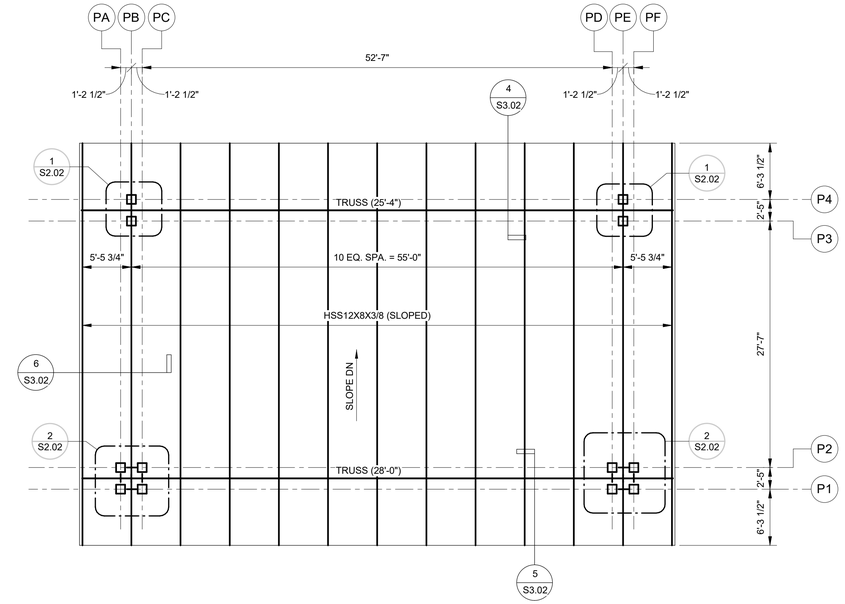


LOW ROOF FRAMING PLAN - PAVILION

1/8" = 1'-0"

ROOF CONSTRUCTION:
1 1/2", 22 GA., GALV., WIDE RIB (TYPE "B") METAL ROOF DECK

NOTES:
1. JST. BRG. ELEV. NOTED THUSLY (XX'-XX").

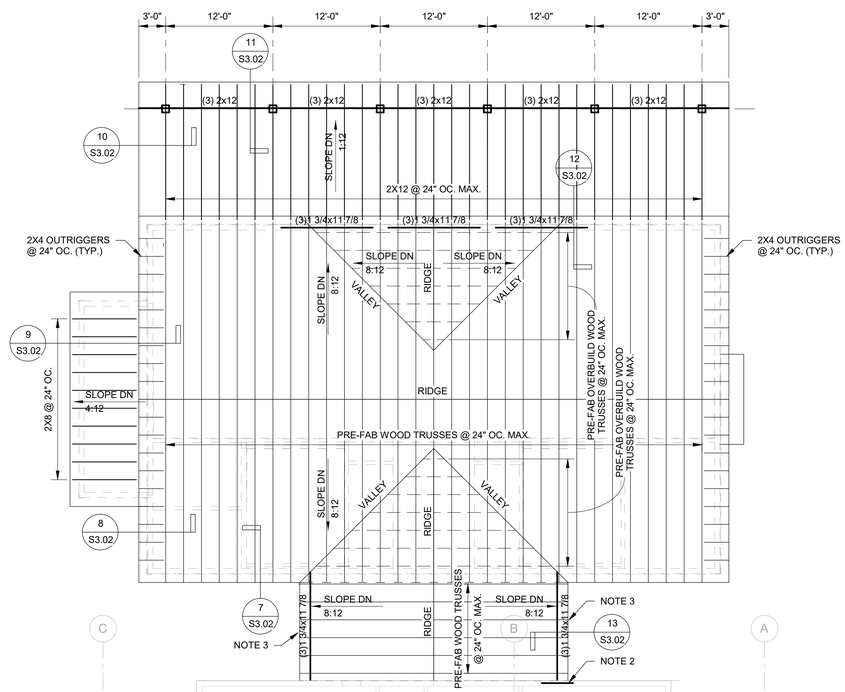


HIGH ROOF FRAMING PLAN - PAVILION

1/8" = 1'-0"

ROOF CONSTRUCTION:
1 1/2", 22 GA., GALV., WIDE RIB (TYPE "B") METAL ROOF DECK

NOTES:
1. TOP OF STEEL ELEV. NOTED THUSLY (XX'-XX").



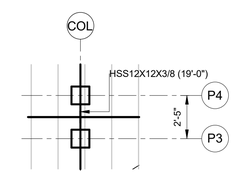
ROOF FRAMING PLAN - SENIOR CENTER - ALT. #1

1/8" = 1'-0"

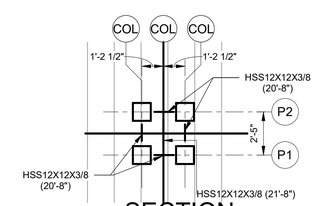
ROOF CONSTRUCTION:
NOMINAL 5/8" THICK APA RATED SHEATHING. ATTACH PER GENERAL NOTES. SPAN LONG DIMENSION PERPENDICULAR TO FRAMING.

ROOF CONSTRUCTION @ CANOPY:
2X6 TONGUE & GROOVE LAMINATED TEMBER DECKING ON 2X12 PURLINS.

NOTES:
1. TRUSS BRG. ELEV. (12'-11 1/2"), U.N.O.
2. MIN. (3) 2X6 HEADER W/ (2) 2X-STUD PACK EACH SIDE.
3. PROVIDE SIMPSON H8 STRAP TO FRAMING AT EACH SIDE OF BEAM.



1 S2.02 SECTION 1/4" = 1'-0"



2 S2.02 SECTION 1/4" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABAMA

ALABAMA LICENSED No. 20453 PROFESSIONAL ENGINEER ANDREW T. MARLIN 10-27-23

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

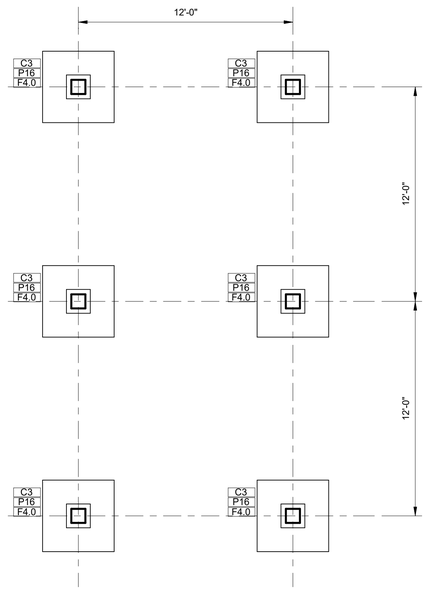
SHEET TITLE: ROOF FRAMING PLANS

PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

S2.02

10/23/2023 1:22:36 PM C:\Users\akendrick\OneDrive - mbase\Documents\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_akendrickFSDU.rvt

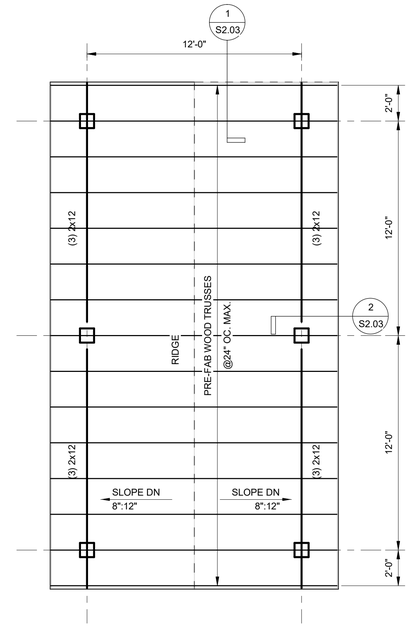


BUS SHELTER FOUNDATION & FLOOR PLAN - ALT. #2

1/4" = 1'-0"

FIN. FLR. ELEV. 3'-1', U.N.O.
CIVIL BASELINE 479.083'

NOTES:
1. TOP OF FTG ELEV. = (1'-1") U.N.O.
2. TOP OF PEDESTAL ELEV. = (3'-1") U.N.O.



BUS SHELTER ROOF PLAN - ALT. #2

1/4" = 1'-0"

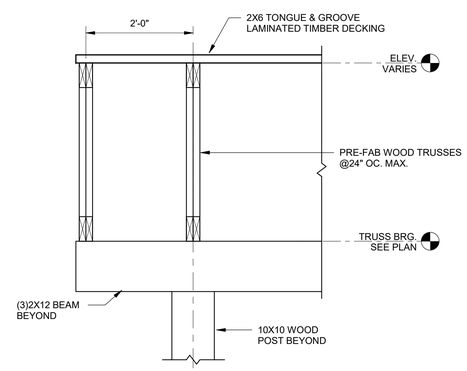
ROOF CONSTRUCTION:
2X6 TONGUE & GROOVE LAMINATED TIMBER DECKING

NOTES:
1. TRUSS BRG ELEV. (13'-9 1/2"), U.N.O.

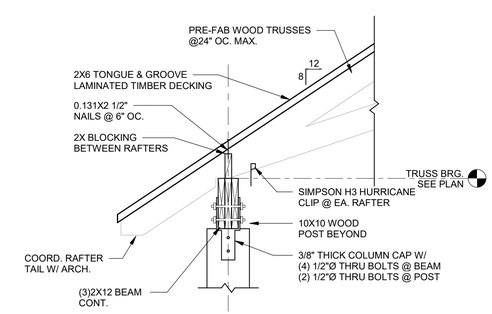
COLUMN SCHEDULE						
MARK	SIZE	BASE PLATE	BASE PLATE DETAIL	ANCHOR BOLTS	ANCHOR BOLT DETAIL	REMARKS
C1	HSS12X12X3/8	18"X18"X1"	BP-1	(4) 3/4"Ø	AB-1	
C2	(4) HSS12X12X3/8	48"X1 1/2"X48"	BP-2	(8) 3/4"Ø	AB-1	
C3	10X10 PT WOOD POST	CPS10	-	5/8"ØX20" ANCHORS	-	-

PEDESTAL SCHEDULE					
	SIZE				
MARK	WIDTH	LENGTH	REINFORCING	TIES	REMARKS
P16	16"	16"	4#5 VERT.	#3@8" OC.	
P54	54"	54"	12#10 VERT.	3#3@18" OC.	

COLUMN FOUNDATION SCHEDULE				
	FOOTING SIZE			
MARK	WIDTH	LENGTH	THICKNESS	REINFORCING
F3.0	3'-0"	3'-0"	1'-0"	3#5 OCEW. TOP & BOTTOM
F4.0	4'-0"	4'-0"	1'-0"	4#5 OCEW. TOP & BOTTOM
F6.0	6'-0"	6'-0"	1'-0"	6#5 OCEW. TOP & BOTTOM



1 S2.03 SECTION
3/4" = 1'-0"



2 S2.03 SECTION
3/4" = 1'-0"

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED No. 20453 PROFESSIONAL ENGINEER ANDREW T. MARLIN 10-27-23

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

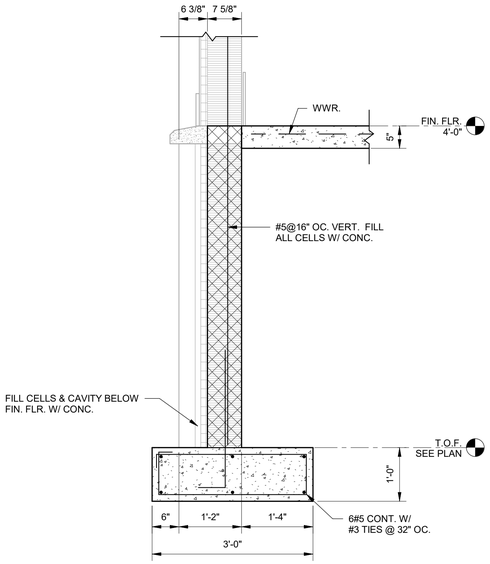
No	Date	Description

SHEET TITLE: BUS SHELTER PLANS

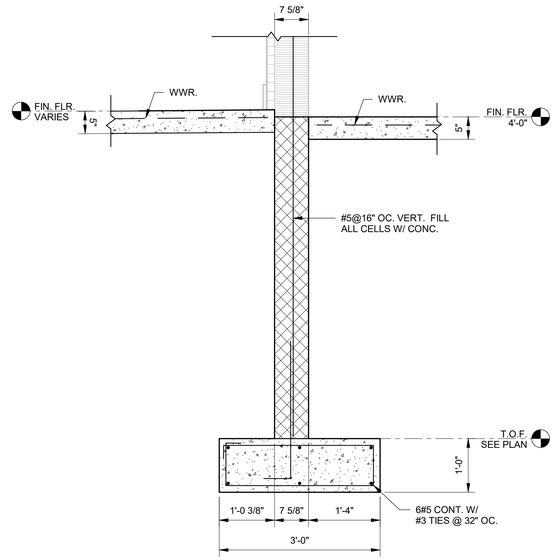
PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

S2.03

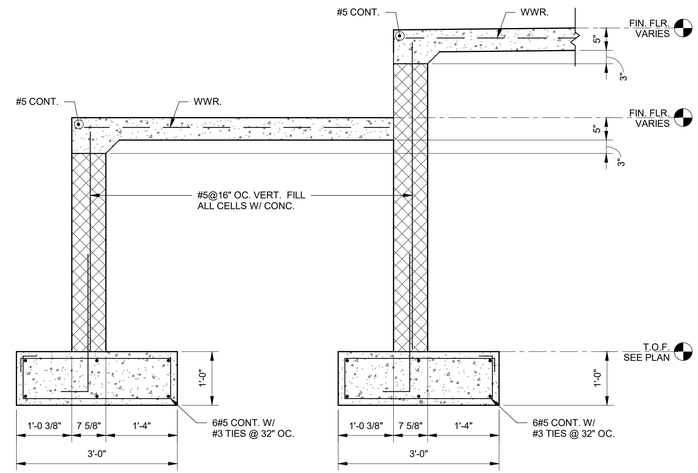
10/23/2023 1:22:37 PM C:\Users\akendrick\OneDrive - mbose\Documents\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_akendrickFSDDU.rvt



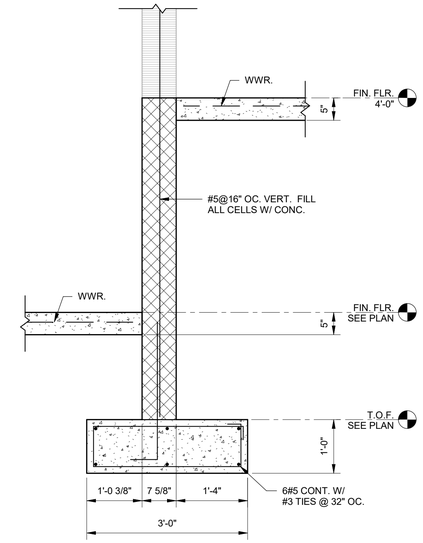
1 S3.01 SECTION
3/4" = 1'-0"



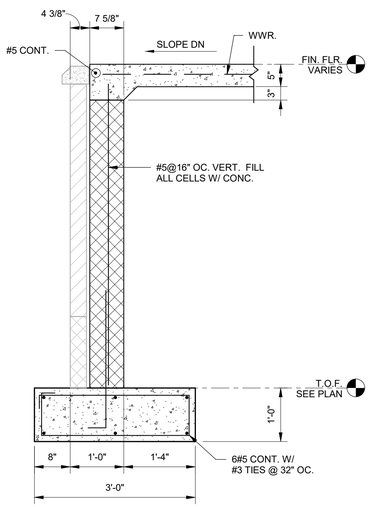
2 S3.01 SECTION
3/4" = 1'-0"



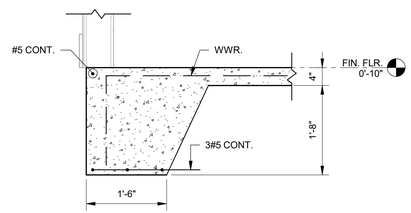
3 S3.01 SECTION
3/4" = 1'-0"



4 S3.01 SECTION
3/4" = 1'-0"



5 S3.01 SECTION
3/4" = 1'-0"



6 S3.01 SECTION
3/4" = 1'-0"

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.

ISSUED FOR
CONSTRUCTION

REVISIONS:

No	Date	Description

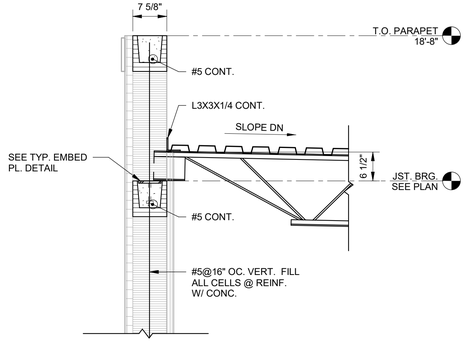
SHEET TITLE: SECTIONS

PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

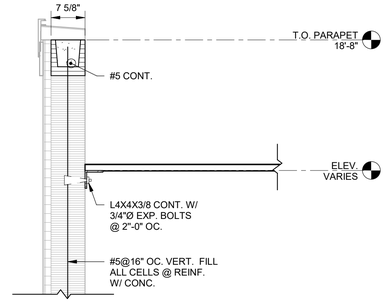
MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

S3.01

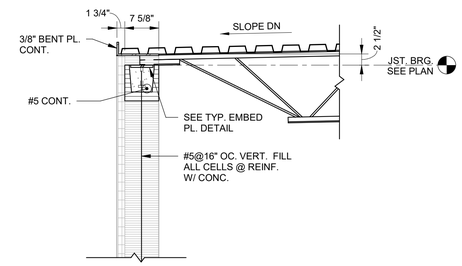
10/23/2023 1:22:38 PM C:\Users\akendrick\OneDrive - mbase\Documents\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_akendrickf3DDU.rvt



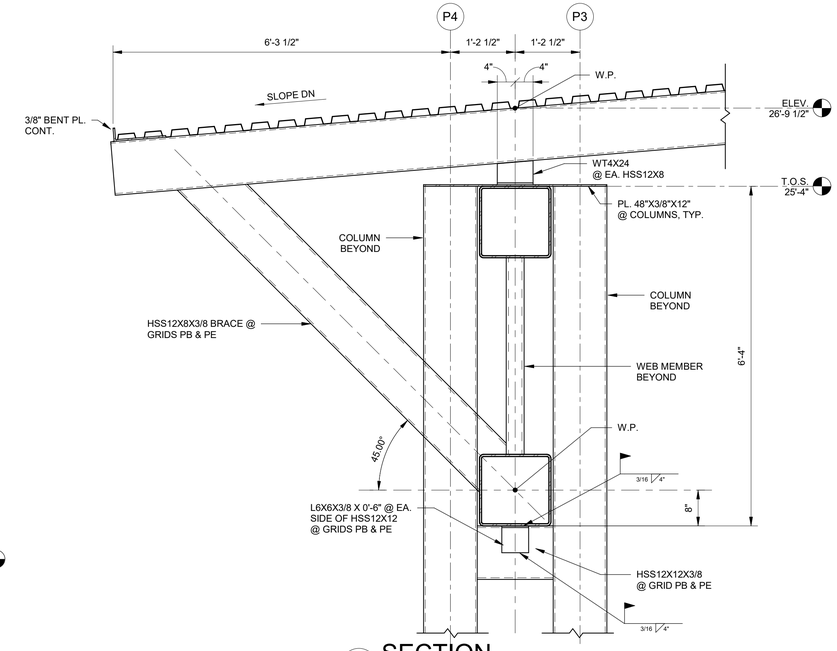
1 S3.02 SECTION
3/4" = 1'-0"



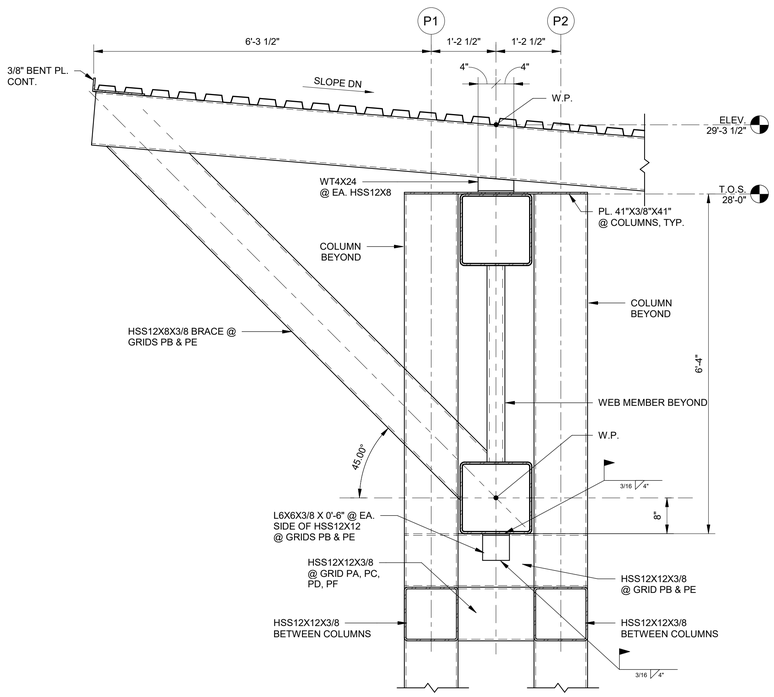
2 S3.02 SECTION
3/4" = 1'-0"



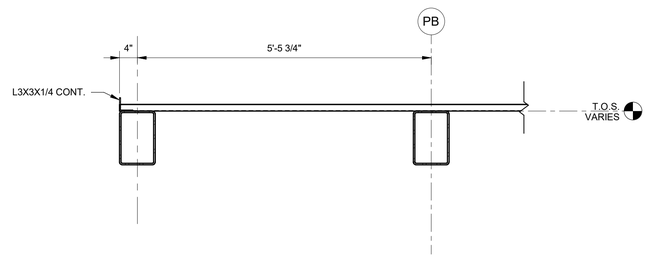
3 S3.02 SECTION
3/4" = 1'-0"



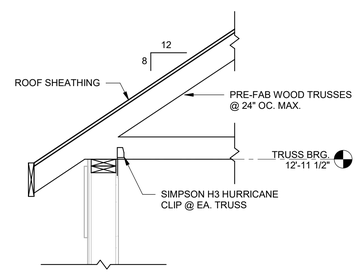
4 S3.02 SECTION
3/4" = 1'-0"



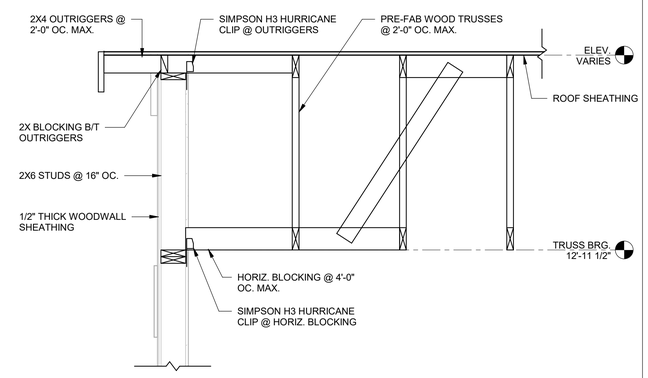
5 S3.02 SECTION
3/4" = 1'-0"



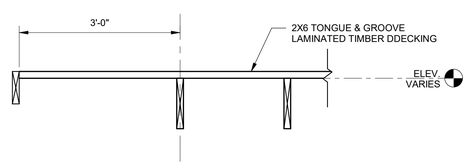
6 S3.02 SECTION
3/4" = 1'-0"



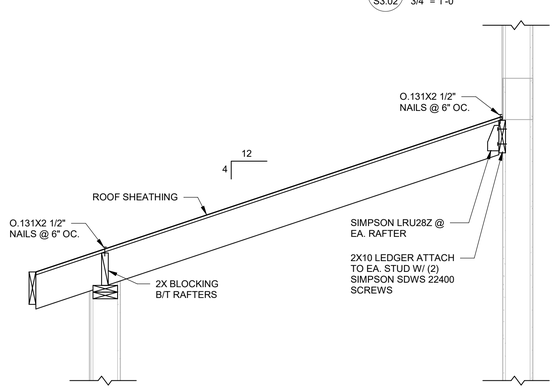
7 S3.02 SECTION
3/4" = 1'-0"



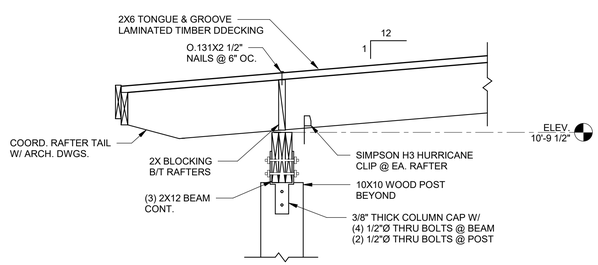
8 S3.02 SECTION
3/4" = 1'-0"



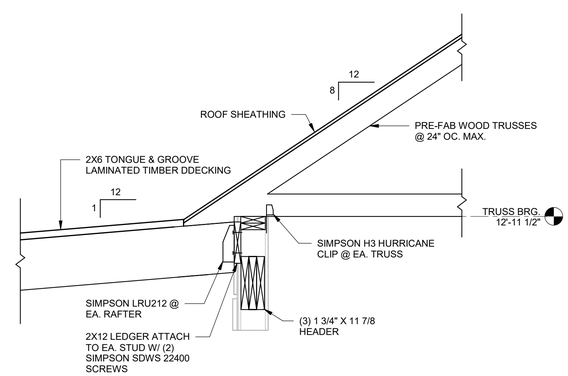
10 S3.02 SECTION
3/4" = 1'-0"



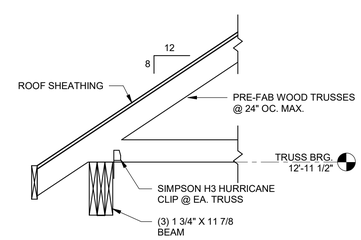
9 S3.02 SECTION
3/4" = 1'-0"



11 S3.02 SECTION
3/4" = 1'-0"



12 S3.02 SECTION
3/4" = 1'-0"



13 S3.02 SECTION
3/4" = 1'-0"

MBA ENGINEERS, INC.
STRUCTURAL CIVIL GEOTECHNICAL

TURNERBATSON

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
LICENSED
No. 20453
PROFESSIONAL
10-27-23
ENGINEER
ANDREW T. MARLIN

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: SECTIONS

PROJECT NUMBER: 2904
CHECKED BY: ATM
ISSUE DATE: 10/27/23
DRAWN BY: ATK

S3.02

10/23/2023 1:22:40 PM C:\Users\okendrick\OneDrive - mbosel\Documents\S-MBA-ALABASTER AMPHITHEATER & SENIOR CENTER-23007-R23_okendrickF3DDU.rvt

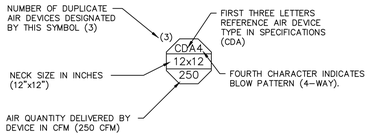
LEGEND

12x20	DUCT SIZE, FIRST FIGURE IS SIDE SHOWN INSIDE CLEAR DIMENSION UNLESS NOTED OTHERWISE
24x12	LOW PRESSURE, RECTANGULAR (GALVANIZED STEEL)
20"ø	ROUND (GALVANIZED STEEL)
	FLEXIBLE DUCT
R	DUCT RISE
D	DUCT DROP
	DUCT TRANSITION
	RECTANGULAR TO ROUND DUCT TRANSITION
	TURNING VANES
FD	FIRE DAMPER AND SLEEVE, PROVIDE ACCESS DOOR
	MANUAL VOLUME DAMPER
	STANDARD 45° BRANCH, SUPPLY OR RETURN, NO SPLITTER
	STANDARD 45° BRANCH, SUPPLY OR RETURN, NO SPLITTER, WITH MANUAL VOLUME DAMPER
	CONICAL SPIN-IN FITTING WITH BUTTERFLY DAMPER
	GRILLE OR REGISTER, CEILING
A	ACCESS DOOR
D	CONDENSATE DRAIN PIPING
AD	AUXILIARY CONDENSATE DRAIN PIPING
R	REFRIGERANT PIPING (2 LINES TOTAL)
NAME(E)	EXISTING PIPING
NAME(D)	EXISTING PIPING TO BE DEMOLISHED
	ELBOW, 90° (LONG RADIUS)
	TEE
	TEE, TURNED UP
	TEE TURNED DOWN
	ELBOW, TURNED DOWN
	ELBOW, TURNED UP
	GLOBE VALVE
	BALL VALVE
	UNION
T	WALL MOUNTED THERMOSTAT
H	WALL MOUNTED HUMIDISTAT
S	WALL MOUNTED TEMPERATURE SENSOR
C	WALL MOUNTED CARBON DIOXIDE SENSOR
G	WALL MOUNTED DEVICE W/ COVER GAURD
	SMOKE DETECTOR
	TIE NEW INTO EXISTING
UC	UNDERCUT DOOR 3/4 INCHES
	SUPPLY AIR FLOW
	RETURN OR EXHAUST AIR FLOW

NOTE: THIS LEGEND IS FOR REFERENCE ONLY. ALL SYMBOLS WHICH APPEAR WITHIN THE LEGEND MAY NOT APPLY TO THIS PROJECT.

ABBREVIATIONS

AB.CL'G	ABOVE CEILING
ABV.	ABOVE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
ALT.	ALTERNATE
AMP	AMPERE
AO	ANALOG OUTPUT
APPROX.	APPROXIMATELY
ARCH.	ARCHITECTURAL
AVG	AVERAGE
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CU	CONDENSING UNIT
DEFL	DEFLECTION
DET	DETAIL
DI	DIGITAL INPUT
DIA	DIAMETER
ø	DIAMETER
DO	DIGITAL OUTPUT
EDB	ENTERING DRY BULB
ELEC.	ELECTRICAL
ELEV.	ELEVATION
EWB	ENTERING WET BULB
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXIST.	EXISTING
°F	DEGREES FAHRENHEIT
GFF	GAS FIRED FURNACE
GPM	GALLONS PER MINUTE
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FOOT OR FEET
HD.	HEAD
HP	HORSE POWER
HR	HOUR(S)
HT.	HEIGHT
HTR	HEATER
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HZ	FREQUENCY (HERTZ)
ID	INSIDE DIAMETER
IN.	INCHES
KW	KILOWATT
KWH	KILOWATT HOUR
MAX	MAXIMUM
MBH.	1000 BTU PER HOUR
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN	MINIMUM
NO.	NUMBER
N/A	NOT APPLICABLE
NC	NOISE CRITERIA
O.D.	OUTSIDE DIAMETER
OA	OUTSIDE AIR
ORIG.	ORIGINAL
PH.	PHASE
PRESS	PRESSURE
RTN	RETURN AIR
RTU	ROOFTOP AIR HANDLING UNIT
SENS.	SENSIBLE
SQ.	SQUARE
SPLY	SUPPLY
TEMP	TEMPERATURE
W	WATT
W/	WITH
W.P.D.	WATER PRESSURE DROP



1 M001 AIR DEVICE LEGEND
NO SCALE

GAS FIRED FURNACE SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	CFM	O.A. CFM	E.S.P. (IN. W.C.)	FAN HP	COOLING COIL	GAS HEAT CAP. (MBH)			VENTING		ELECTRICAL			MOUNTING	WGT. (LBS)	REMARKS
							INPUT	OUTPUT	AFUE	INTAKE (IN.)	DISCHARGE (IN.)	MCA	MOCP	VOLTS/PH./HZ.			
GFF-1	TRANE S9V2C080	1900	500	0.50	1	CC-1	80	77.8	97	3	3	13.9	15	115/1/60	VERTICAL	145	1), 2), 3)
GFF-2	TRANE S9V2C080	1900	500	0.50	1	CC-2	80	77.8	97	3	3	13.9	15	115/1/60	VERTICAL	145	1), 2), 3)

REMARKS:
1) DIRECT VENT FURNACE. PROVIDE INTAKE AND VENT PIPING.TERMINATE TO MANUFACTURER'S CONCENTRIC ROOF MOUNTED DEVICE.
2) PROVIDE WITH AIR PURIFICATION UNIT.
3) PROVIDE DUCT-MOUNTED CARBON DIOXIDE SENSOR. INTERLOCK OUTSIDE AIR OPERATION WITH SENSOR.

COIL SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	TYPE	MAXIMUM FINS PER INCH	ROWS (MIN)	MAXIMUM FACE VEL. (FPM)	AIR						DX REFR. TYPE	REMARKS
						CFM	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	DELTA P (IN. W.C.)		
CC-1	TRANE	DIRECT EXPANSION	--	--	--	1900	80	67	57.8	56.9	--	R-410A	1)
CC-2	TRANE	DIRECT EXPANSION	--	--	--	1900	80	67	57.8	56.9	--	R-410A	1)

REMARKS:
1) MOUNTED ON DISCHARGE OF FURNACE UNIT

AIR COOLED CONDENSING UNIT SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	SERVICE	NOMINAL CAPACITY (TONS)	ELECTRICAL				SEER	EER	WEIGHT (LBS)	REMARKS
				DISCONNECT	MCA	MOCP	VOLTS/PH./HZ.				
CU-1	TRANE 4TTA4060	GFF-1	5	BY DIV. 26	21	35	230/3/60	14	--	215	1), 2)
CU-2	TRANE 4TTA4060	GFF-2	5	BY DIV. 26	21	35	230/3/60	14	--	215	1), 2)

REMARKS:
1) UNITS SHALL BE SIZED AT 95°F AMBIENT AIR TEMPERATURE.
2) PROVIDE WITH LOW AMBIENT KIT.

AIR PURIFICATION UNIT SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	UNIT SERVED	SUPPLY CFM	O.A. CFM	PRESS. DROP (IN. W.C.)	MINIMUM ION DENSITY (IONS/CC)	MOUNTING LOCATION	ELECTRICAL		REMARKS
								VOLTS	WATTS	
APU-1	PHENOMINAL AIRE	AC-1	1900	500	0.05	200 MILLION	INSIDE UNIT	24 AC	12	1), 2)
APU-2	PHENOMINAL AIRE	AC-2	1900	500	0.05	200 MILLION	INSIDE UNIT	24 AC	12	1), 2)

REMARKS:
1) INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2) INTERLOCK UNIT OPERATION WITH SUPPLY FAN. UNIT SHALL BE ENERGIZED WHEN THE SUPPLY FAN IS ACTIVE.

POWER VENTILATOR SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	SERVICE	CFM	E.S.P. (IN. W.C.)	RPM	MAX. SONES	ELECTRICAL				LOCATION	TYPE	DRIVE	VIBRATION ISOLATION			WGT (LBS.)	REMARKS
							DISCONNECT	MOTOR STARTER	AMP	MOTOR VOLTS/PH./HZ.				TYPE	DEFL. (IN.)	BASE		
EF-1	COOK GC-148	RESTROOM	50	0.25	645	0.5	BY DIV. 26	INTEGRAL	0.417	120/1/60	CEILING	CENTRIFUGAL	DIRECT	--	--	--	15	1), 2)
BF-1	TD MIXVENT 100	RESTROOM	50	0.35	2500	1.0	BY DIV. 26	INTEGRAL	0.45	120/1/60	INLINE	RADIAL	DIRECT	--	--	--	5	1), 2)

REMARKS:
1) PROVIDE WITH PREWIRED FAN SPEED CONTROLLER AND BACKDRAFT DAMPER.
2) INTERLOCK WITH LOCAL LIGHTING CONTROLS.

PROVIDE WITH ALTERNATE #1

ENERGY RECOVERY VENTILATOR SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	SERVICE	SUPPLY FAN			EXHAUST FAN			SUMMER PERFORMANCE						ELECTRICAL						FILTERS	WGT (LBS)	REMARKS
			CFM	HP	ESP (IN. W.C.)	CFM	HP	ESP (IN. W.C.)	O.A.		SUPPLY		RETURN		DISCONNECT	MOTOR STARTER	PREHEAT KW	MCA	MOCP	VOLTS/PH./HZ.			
									EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	LDB (°F)	LWB (°F)									
ERV-1	RENEWAIRE EV PREMIUM L	MENS	210	--	0.25	210	--	0.25	95	75	78.4	68.1	73	63	BY DIV. 26	INTEGRAL	--	10	10	120/1/60	MERV 8	55	1), 2)
ERV-2	RENEWAIRE EV PREMIUM L	WOMENS	210	--	0.25	210	--	0.25	95	75	78.4	68.1	73	63	BY DIV. 26	INTEGRAL	--	10	10	120/1/60	MERV 8	55	1), 2)

REMARKS:
1) PROVIDE UNIT WITH BACKDRAFT DAMPERS.
2) INTERLOCK UNIT OPERATION WITH LOCAL LIGHTING CONTROLS.

DUCTLESS INDOOR UNIT SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	SERVICE	CFM	OA	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	MOUNTING	ELECTRICAL					WEIGHT (LBS)	REMARKS
								DISCONNECT	MOTOR STARTER	MCA	MOCP	VOLTS/PH./HZ.		
DSS-1.1	TRANE NTXCKS09A112AA	RESTROOM	200	--	9	9	CEILING	BY DIV. 26	INTEGRAL	0.25	--	230/1/60	35	1), 2), 3)
DSS-1.2	TRANE NTXCKS09A112AA	RESTROOM	200	--	10.5	10.5	CEILING	BY DIV. 26	INTEGRAL	0.25	--	230/1/60	35	1), 2), 3)
DSS-2	TRANE TPLA0A0301EA70B	GREEN ROOM	780	50	30	32	CEILING	BY DIV. 26	INTEGRAL	1	--	208/1/60	60	1), 2), 3), 4)
DSS-3	TRANE TPKA0A0241KA70A	ELECTRICAL	775	--	24	26	WALL	BY DIV. 26	INTEGRAL	1	--	208/1/60	50	1), 2), 3)
DSS-4	TRANE NTXWST12A112AB	STORAGE	360	--	12	14.4	WALL	BY DIV. 26	INTEGRAL	1	--	208/1/60	25	1), 2), 3)

REMARKS:
1) PROVIDE WITH INTEGRAL CONDENSATE DRAIN PUMP
2) POWER FOR THIS UNIT IS PROVIDED FROM OUTDOOR UNIT.
3) PROVIDE WITH WIRED THERMOSTAT
4) PROVIDE WITH OCCUPANCY SENSOR

PROVIDE WITH ALTERNATE #1

DUCTLESS OUTDOOR UNIT SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	SERVICE	NOMINAL COOLING CAPACITY (BTUH)	NOMINAL HEATING CAPACITY (BTUH)	ELECTRICAL				VIBRATION ISOLATION			SEER	HSPF	WEIGHT (LBS)	REMARKS
					DISCONNECT	MCA	MOCP	VOLTS/PH./HZ.	TYPE	DEFL. (IN.)	BASE				
DCU-1	TRANE NTXMMX20A122BA	DSS-1.1 / 1.2	18	22	BY DIV. 26	17.2	20	230/1/60	--	--	--	18	9.65	130	1)
DCU-2	TRANE TRUZA0301HA70NA	DSS-2	30	32	BY DIV. 26	19	26	208/1/60	--	--	--	22.8	11.6	155	1)
DCU-3	TRANE TRUZA0241HA70NA	DSS-3	24	26	BY DIV. 26	19	26	208/1/60	--	--	--	21.4	11.0	155	1)
DCU-4	TRANE NTXSST12A112AB	DSS-4	12	14.4	BY DIV. 26	9	15	208/1/60	--	--	--	23.1	12.5	85	1)

REMARKS:
1) POWER FOR INDOOR UNIT IS PROVIDED FROM THIS UNIT.

ELECTRIC UNIT HEATER SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	WATTS	STAGES	EAT (°F)	FAN DATA			ELECTRICAL		MOUNTING	WEIGHT (LBS.)	REMARKS
					CFM	HP	TYPE	DISCONNECT	VOLTS/PH./HZ.			
EUH-1	MARKEL 305 SERIES	750	1	60	100	--	PROP	INTEGRAL	120/1/60	SURFACE	25	1)

REMARKS:
1) PROVIDE WITH UNIT MOUNTED THERMOSTAT AND DISCONNECT SWITCH.

TURNERBATSON

Pinnacle ENGINEERING, INC.

Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALBASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA REGISTERED No. 24075 PROFESSIONAL ENGINEER

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

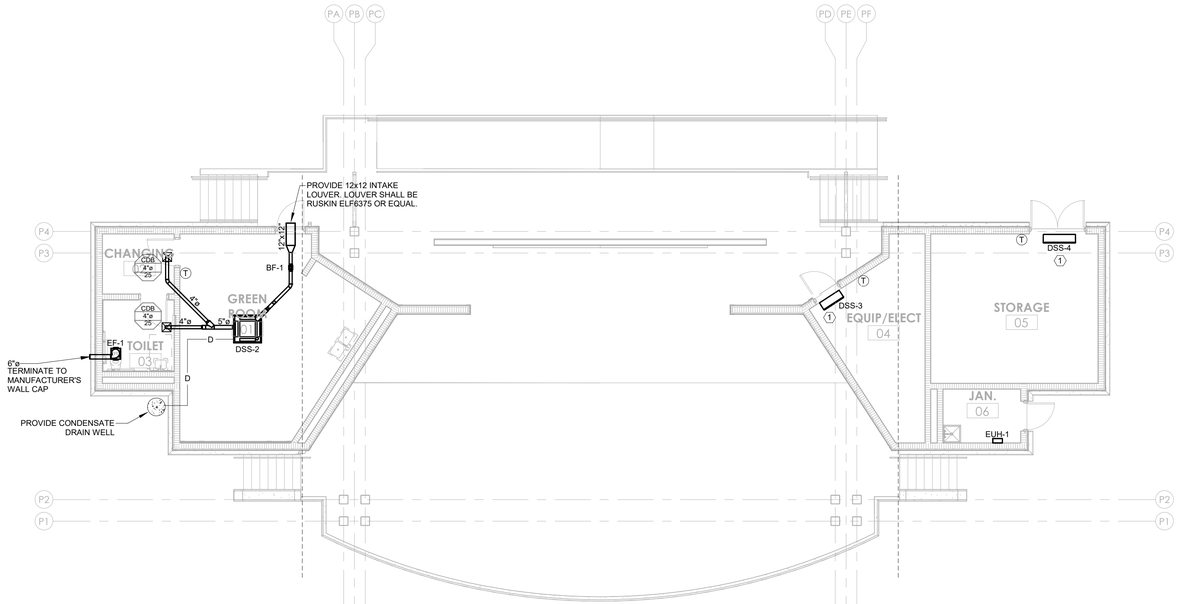
No	Date	Description

SHEET TITLE: MECHANICAL LEGENDS, SCHEDULES, AND DETAILS

PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC

M0.01

10/24/2023 1:23:10 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 23016Y23.rvt

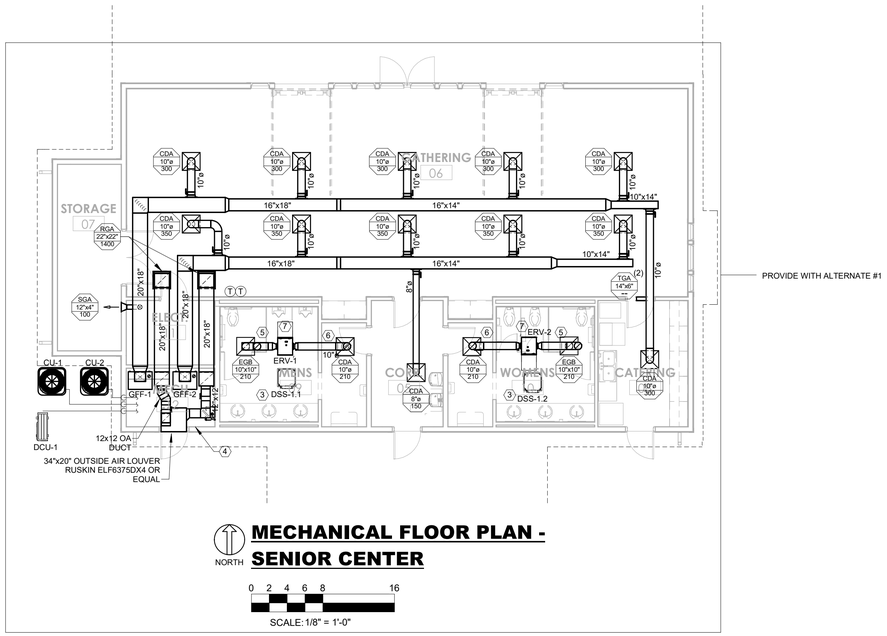


MECHANICAL FLOOR PLAN - PAVILION

NORTH

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"



MECHANICAL FLOOR PLAN - SENIOR CENTER

NORTH

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO BEGINNING WORK.
2. SPACE ABOVE CEILING IS LIMITED. CAREFUL COORDINATION WITH LIGHTING, ELECTRICAL, PLUMBING, STRUCTURAL, AND ARCHITECTURAL WORK IS CRITICAL TO DUCTWORK INSTALLATION.
3. PROVIDE NECESSARY OFFSETS IN PIPING, ELECTRICAL CONDUIT, AND DUCTWORK AS REQUIRED TO ACCOMMODATE NEW WORK. DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL DETAILS NOR CHANGES IN DUCTWORK ELEVATIONS NECESSARY FOR COMPLETE INSTALLATION.
4. COORDINATE CEILING AIR DEVICE LOCATIONS WITH LIGHTING PLAN AND ARCHITECT'S REFLECTED CEILING PLAN.
5. DUCTWORK SHALL BE RUN TIGHT TO STRUCTURE. AVOID CROSSING OVER LIGHTS AND OTHER DUCTS DUE TO TIGHT CLEARANCES.
6. COORDINATE EXACT SIZE, LOCATION, AND COLOR OF WALL MOUNTED LOUVERS WITH ARCHITECT PRIOR TO ORDERING.
7. MOUNT TEMPERATURE CONTROLS 48" ABOVE FINISHED FLOOR. COORDINATE EXACT LOCATION WITH ARCHITECT.
8. SPILL CONDENSATE FROM GFFs INTO NEAREST FLOOR DRAIN.
9. BALANCE CEILING AIR DEVICES TO VALUES SHOWN ON THIS DRAWING.
10. COORDINATION SHOP DRAWINGS SHALL BE PREPARED FOR THE ENTIRE PROJECT DRAWN TO 1/4" = 1'-0" SCALE (MINIMUM). DRAWINGS SHALL BE FULLY DIMENSIONED, INCLUDING ELEVATIONS OF DUCTWORK AND PIPING SHOWING CEILING GRIDS, LIGHTING LAYOUT, PIPING UNDER OTHER DIVISIONS, CABLE TRAYS AND MAJOR ELECTRICAL CONDUIT (2 INCHES IN DIAMETER AND LARGER).

DRAWING NOTES:

1. MOUNT UNIT ON WALL ABOVE DOOR. ROUTE REFRIGERANT PIPING TO OUTDOOR UNIT MOUNTED ON ROOF. ROUTE CONDENSATE PIPING TO JANITOR MOP BASIN.
2. ROUTE REFRIGERANT PIPING TO OUTDOOR UNIT MOUNTED ON ROOF.
3. CONFIGURE INDOOR CASSETTE TO USE UNIT MOUNTED SENSOR AS REMOTE SENSOR FOR THERMOSTAT.
4. MOUNT DUCTLESS SPLIT SYSTEM THERMOSTATS IN THIS AREA. FIELD COORDINATE EXACT LOCATION.
5. ROUTE 10" ERV INTAKE AIR DUCTWORK UP TO INTAKE AIR DOME ON ROOF.
6. ROUTE 10" ERV EXHAUST AIR DUCTWORK UP TO EXHAUST AIR DOME ON ROOF.
7. ERV MOUNTED ABOVE CEILING. MAINTAIN CLEARANCE TO EQUIPMENT FOR ACCESS TO FILTERS.

TURNERBATSON

Pinnacle ENGINEERING, INC.

Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID ALBASTER AMPHITHEATER

ALABASTER, ALABAMA

STATE OF ALABAMA No. 24075 PROFESSIONAL ENGINEER

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

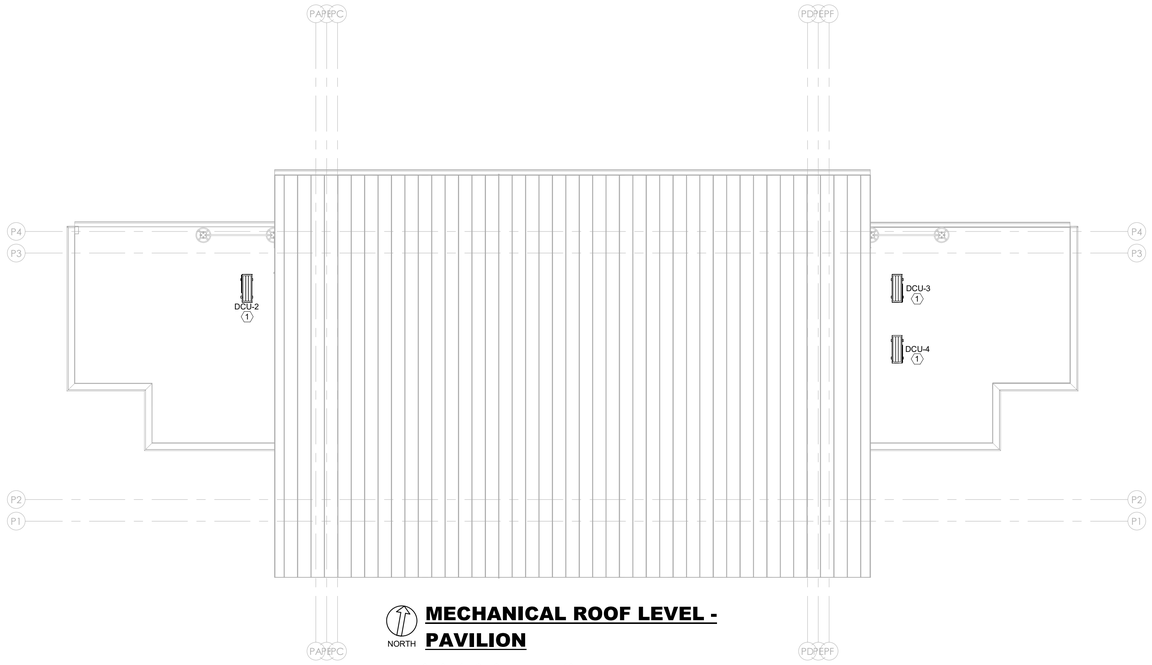
No	Date	Description

SHEET TITLE: MECHANICAL FLOOR PLANS

PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC

M2.01

10/24/2023 1:23:13 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 2301 6V23.rvt

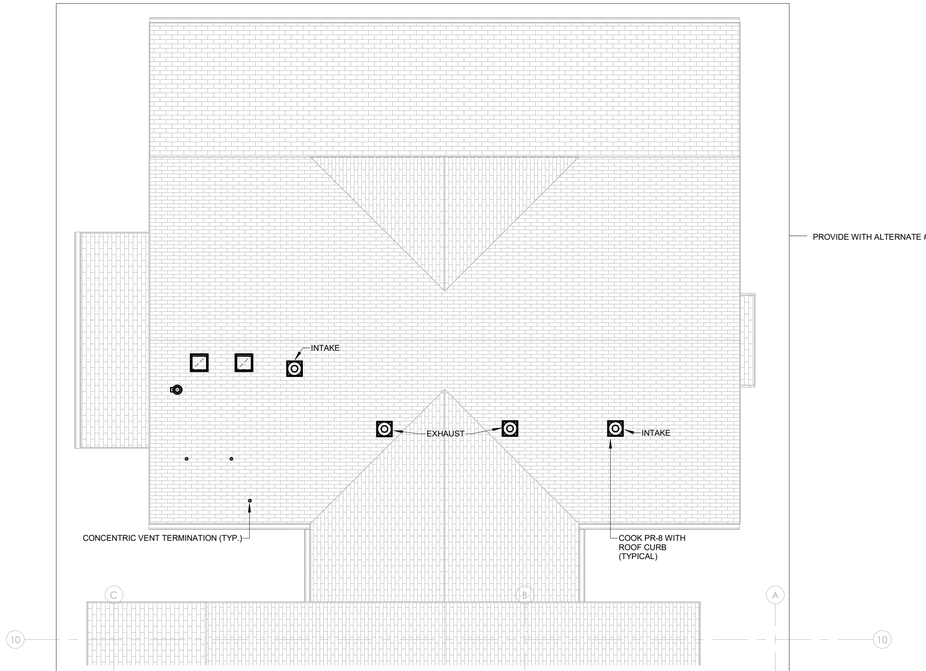


NORTH

MECHANICAL ROOF LEVEL - PAVILION

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"



NORTH

MECHANICAL ROOF LEVEL - SENIOR CENTER

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO BEGINNING WORK.
2. PROVIDE NECESSARY OFFSETS IN PIPING, ELECTRICAL CONDUIT, AND DUCTWORK AS REQUIRED TO ACCOMMODATE NEW WORK. DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL DETAILS NOR CHANGES IN DUCTWORK ELEVATIONS NECESSARY FOR COMPLETE INSTALLATION.

DRAWING NOTES:

1. ANCHOR OUTDOOR UNIT TO ROOF MOUNTED EQUIPMENT RAILS. REFER TO DETAILS FOR ADDTIONAL INFORMATION. ROUTE REFRIGERANT PIPING DOWN THROUGH ROOF IN PIPE BOX. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

TURNERBATSON

Pinnacle ENGINEERING, INC.
Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALBASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA STATE PROFESSIONAL No. 24075 ENGINEER

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

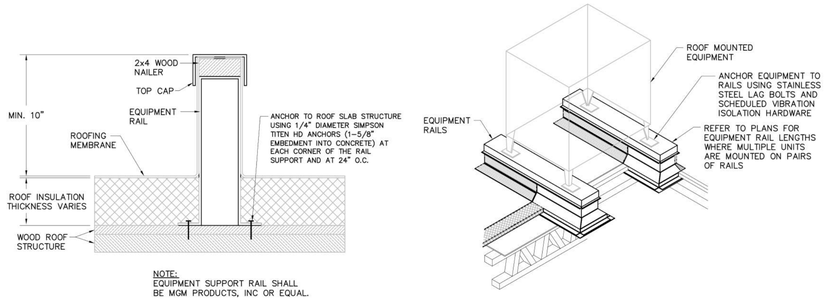
No	Date	Description

SHEET TITLE: MECHANICAL ROOF PLANS

PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC

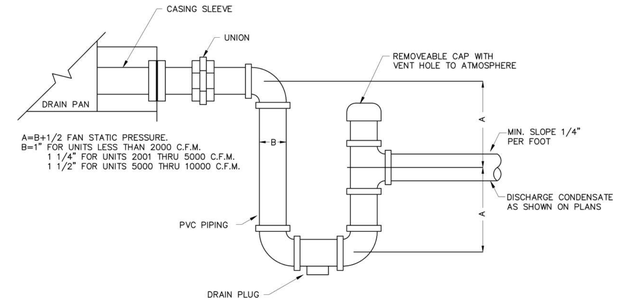
M2.02

10/24/2023 1:23:14 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 2301\AV23.rvt

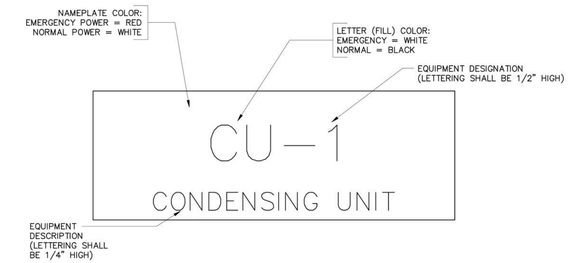


NOTE:
EQUIPMENT SUPPORT RAIL SHALL BE MGM PRODUCTS, INC OR EQUAL.

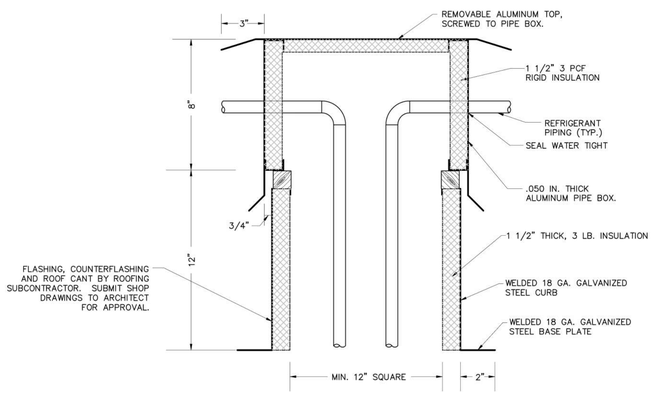
9 / M301 EQUIPMENT SUPPORT DETAIL
ROOF MOUNTED EQUIPMENT
NO SCALE



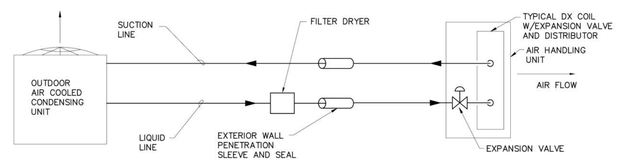
5 / M301 AIR CONDITIONING UNIT DRAIN TRAP DETAIL
NO SCALE



1 / M301 MECHANICAL EQUIPMENT NAMEPLATE DETAIL
NO SCALE

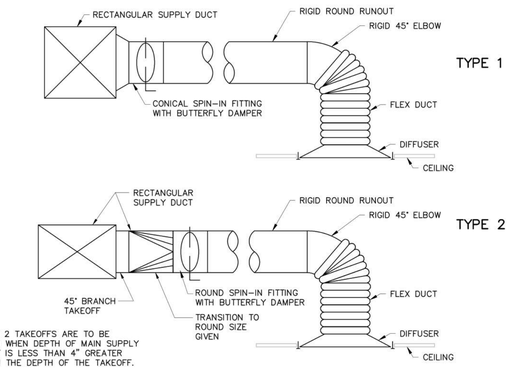


10 / M301 ROOF MOUNTED PIPE BOX DETAIL
NO SCALE



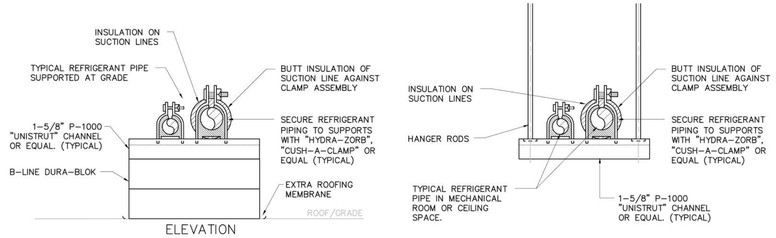
NOTE: SCHEMATIC IS TYPICAL FOR EACH REFRIGERANT CIRCUIT.

6 / M301 REFRIGERANT PIPING DETAIL
TYPICAL: GFF-1, GFF-2
NO SCALE

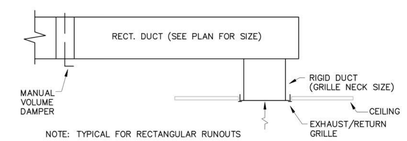


NOTE:
TYPE 2 TAKEOFFS ARE TO BE USED WHEN DEPTH OF MAIN SUPPLY DUCT IS LESS THAN 4" GREATER THAN THE DEPTH OF THE TAKEOFF.

2 / M301 TYPICAL DIFFUSER RUN-OUT DETAIL
NO SCALE

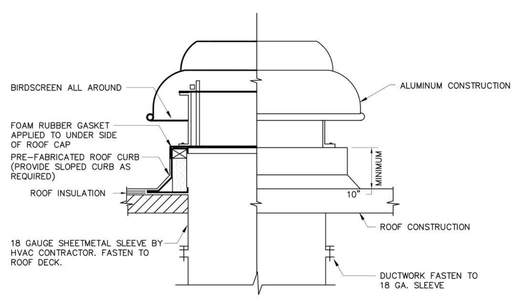


7 / M301 REFRIGERANT PIPING SUPPORT DETAILS
NO SCALE

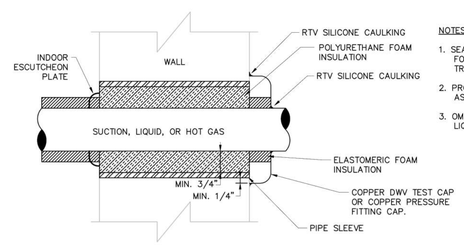


NOTE: TYPICAL FOR RECTANGULAR RUNOUTS

3 / M301 TYPICAL RETURN AND EXHAUST RUN-OUT DETAIL
NO SCALE



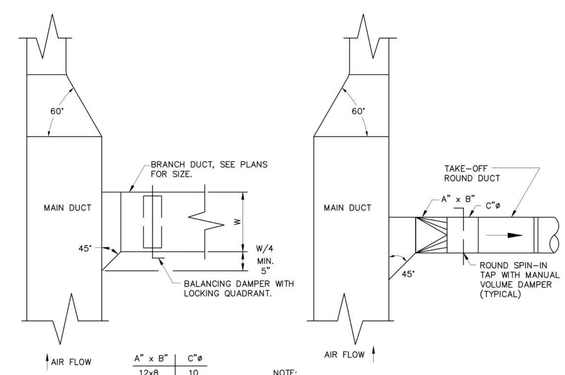
11 / M301 INTAKE/EXHAUST AIR DOME DETAIL
NO SCALE



NOTES:

1. SEAL OPENING WITH POLYURETHANE FOAM, EQUAL TO VERSI-FOAM TRIM OFF EXCESS FOAM.
2. PROVIDE INTERMEDIATE SUPPORTS AS REQUIRED.
3. OMIT ELASTOMERIC INSULATION ON LIQUID LINE.

8 / M301 REFRIGERANT LINE – WALL PENETRATION DETAIL
NO SCALE



A" x B"	C"ø
12x8	10
12x10	12
16x10	14
22x10	16

NOTE:
USE 45° BRANCH FITTING WHEN MAIN SUPPLY DUCT DEPTH IS EQUAL TO OR SMALLER THAN TAKE-OFF ROUND DUCT SIZE.

4 / M301 TYPICAL DUCT TAKEOFF DETAIL
NO SCALE

TURNERBATSON

Pinnacle ENGINEERING, INC.
Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALBASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA LICENSED PROFESSIONAL ENGINEER No. 24075

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

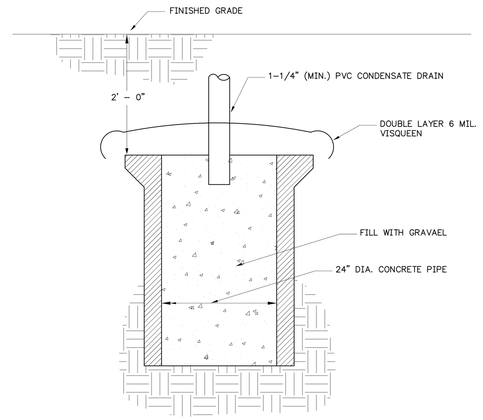
No	Date	Description

SHEET TITLE: MECHANICAL DETAILS

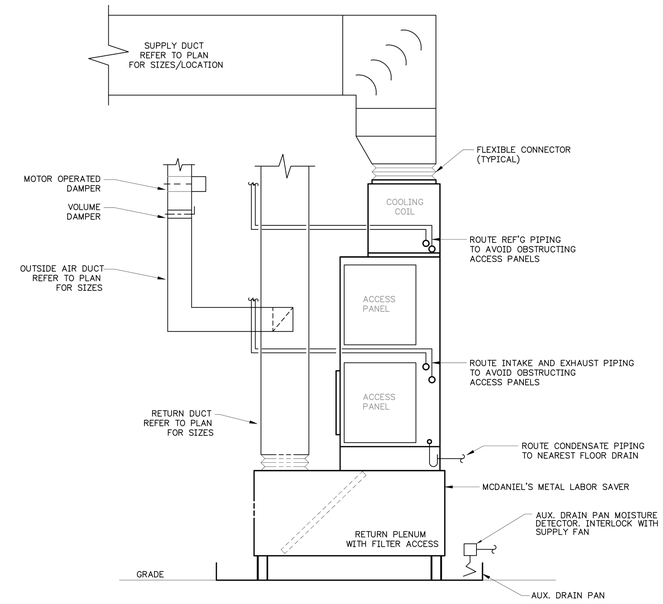
PROJECT NUMBER:	2904
CHECKED BY:	JMH
ISSUE DATE:	10/27/23
DRAWN BY:	JWC

M3.01

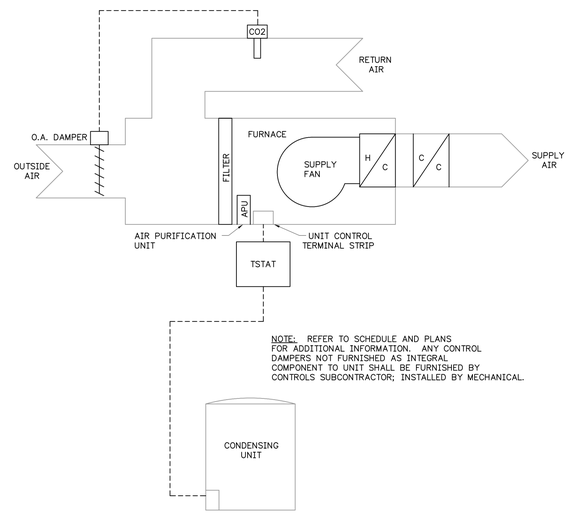
10/24/2023 1:23:26 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 23016V23.rvt



3 M3.02 CONDENSATE DISPOSAL WELL DETAIL
NO SCALE



1 M302 TYPICAL GAS FIRED FURNACE DETAIL
NO SCALE



NOTE: REFER TO SCHEDULE AND PLANS FOR ADDITIONAL INFORMATION. ANY CONTROL DAMPERS NOT FURNISHED AS INTEGRAL COMPONENT TO UNIT SHALL BE FURNISHED BY CONTROLS SUBCONTRACTOR; INSTALLED BY MECHANICAL.

2 M302 HVAC CONTROL DIAGRAM
TYPICAL: GFF-1 / GFF-2
NO SCALE

TURNERBATSON

Pinnacle ENGINEERING, INC.
Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALBASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA REGISTERED No. 24075 PROFESSIONAL ENGINEER

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: MECHANICAL DETAILS

PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC

M3.02

10/24/2023 1:23:38 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 23016V23.rvt

PLUMBING LEGEND SYMBOLS AND ABBREVIATIONS

	DOMESTIC COLD WATER	P-1	PLUMBING FIXTURE NUMBER	ABV	ABOVE
	DOMESTIC HOT WATER		BALL VALVE	AFF	ABOVE FINISHED FLOOR
	DOMESTIC HOT WATER RETURN		VALVE IN VERTICAL	INV	INVERT
	SANITARY VENT		BALANCING VALVE	BFF	BELOW FINISHED FLOOR
SD	STORM DRAINAGE		CHECK VALVE	CW	COLD WATER
ESD	OVERFLOW STORM		CAP ON END OF PIPE	DN	DOWN
	SANITARY WASTE	CO	CLEANOUT – FLOOR TYPE	EX	EXISTING
	EXISTING SANITARY WASTE TO REMAIN	CO	CLEANOUT – WALL TYPE	HW	HOT WATER
G(low)	LOW PRESSURE GAS PIPING		PLUG TYPE CLEANOUT	WS	WASTE STACK
G(2psi)	2 PSI GAS PIPING		P-TRAP	VS	VENT STACK
			PIPE TURNING DOWN	AC	ABOVE CEILING
			PIPE TURNING UP	WHA	WATER HAMMER ARRESTOR
			TEE DOWN	BFG	BELOW FINISHED GRADE
			TEE UP	TMV	THERMOSTATIC MIXING VALVE
			FLOOR SINK	VTR	VENT THROUGH ROOF
			FLOOR DRAIN		
			ROOF DRAIN/OVERFLOW DRAIN		
			UNION		
			GAS COCK		
			GAS REGULATING VALVE		
			THERMOSTATIC MIXING VALVE		
			WATER HAMMER ARRESTOR		
			TIE NEW INTO EXISTING		

INSTANTANEOUS GAS WATER HEATER SCHEDULE

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	SERVICE	FUEL			ENTERING WATER TEMP (°F)	LEAVING WATER TEMP (°F)	FLOW RATE (GPM)	UNIT DIMENSIONS			ELECTRICAL			REMARKS
			TYPE	LOAD (MBH)	EFF. (%)				HGT (IN.)	DEPTH (IN.)	WIDTH (IN.)	AMPS	DISCONNECT	VOLTS/PH./HZ.	
GWH-1	NORITZ NCC199DV	SENIOR ADDITION	NAT.	199	97	60	120	6.5	27.0	14.1	18.5	4	BY DIV. 16	120/1/60	1), 2), 3)

REMARKS:
1) UNIT MOUNTED INDOORS
2) PROVIDE INTAKE AND VENT PIPING. TERMINATE TO CONCENTRIC VENT THROUGH ROOF.
3) PROVIDE WITH ALTERNATE #1.

PUMP SCHEDULE

EQUIPMENT NO.	MANUFACTURER AND MODEL NO.	SERVICE	PUMP TYPE	FLOW (GPM)	HEAD (FT)	RPM	EFF (%)	VIBRATION ISOLATION			ELECTRICAL				REMARKS
								TYPE	DEFLECTION (IN)	BASE	DISCONNECT	MOTOR STARTER	MOTOR		
													HP	VOLTS/PH/HZ	
RP-1	TACO 2400-10S	GWH-1 RECIRCULATION	IN-LINE CIRCULATOR	2	15	3250	N/A	N/A	–	–	BY DIV. 26	–	1/10	115/ 1 /60	1), 2)

REMARKS:
1) PROVIDE TIMER AND AQUASTAT TO CONTROL PUMP IN ACCORDANCE WITH IECC REQUIREMENTS.
2) PROVIDE WITH ALTERNATE #1.

PLUMBING FIXTURE CONNECTION SCHEDULE

EQUIPMENT NO.	DESCRIPTION	HOT WATER	COLD WATER	WASTE	VENT	REMARKS
WC-1	WATER CLOSET, ADA COMPLIANT	--	1"	4"	2"	FLOOR MOUNTED, MANUAL FLUSH VALVE
WC-2	WATER CLOSET	--	1"	4"	2"	FLOOR MOUNTED, MANUAL FLUSH VALVE
UR-1	URINAL, ADA COMPLIANT	--	3/4"	2"	2"	WALL MOUNTED, MANUAL FLUSH VALVE
UR-2	URINAL	--	3/4"	2"	2"	WALL MOUNTED, MANUAL FLUSH VALVE
LAV-1	LAVATORY, ADA COMPLIANT	1/2"	1/2"	1-1/2"	1-1/2"	COUNTER MOUNTED, 1)
LAV-2	LAVATORY, ADA COMPLIANT	1/2"	1/2"	1-1/2"	1-1/2"	WALL MOUNTED, 1)
SK-1	SINK, DOUBLE COMPARTMENT	1/2"	1/2"	1-1/2"	1-1/2"	UNDER COUNTER MOUNTED
EWC	ELECTRIC WATER COOLER, ADA COMPLIANT	--	1/2"	2"	1-1/2"	WALL MOUNTED, BI-LEVEL, BOTTLE FILLER
JMB	JANITOR'S MOP BASIN	1/2"	1/2"	3"	2"	FLOOR MOUNTED
FD-1	FLOOR DRAIN	--	--	2"	--	PROVIDE TRAP GUARD
FD-2	FLOOR DRAIN	--	--	3"	--	PROVIDE TRAP GUARD
FD-3	FLOOR DRAIN	--	--	2"	--	PROVIDE TRAP GUARD
IMVB	ICE MAKER VALVE BOX	--	1/2"	--	--	RECESSED IN WALL
DW	DISHWASHER CONNECTION	1/2"	--	3/4"	--	CONNECT TO ADJACENT SINK PIPING
WH-1	WALL HYDRANT, FREEZEPROOF	--	3/4"	--	--	RECESSED IN WALL

REMARKS:
1) INSTALL MIXING VALVE AT PUBLIC LAVATORIES. MAXIMUM HW TEMPERATURE AT 110 DEGREEES.

ELECTRIC WATER HEATER SCHEDULE

EQUIPMENT NO.	MANUFACTURER AND MODEL NO.	SERVICE	EFF (%)	ENTERING WATER TEMP (°F)	LEAVING WATER TEMP (°F)	RECOVERY RATE (GPH)	STORAGE CAPACITY (GAL)	TANK DIMENSIONS		ELECTRICAL			REMARKS
								HEIGHT (INCHES)	DIAMETER (INCHES)	HEATING ELEMENTS		VOLTS/PH/HZ	
										KW	QNTY		
EWH-1	A.O. SMITH DEL-10	AMPHITHEATER JANITOR	--	60	120	10	10	18.25	18	1.5	1	120/ 1 /60	
EWH-2	EEMAX EMT2.5	SINK – MINI-TANK TYPE	--	60	120	10	2.5	17	11	1.44	1	120/ 1 /60	1)
EWH-3	EEMAX SPEX3512T	LAVATORY – INSTANTANEOUS TYPE	N/A	60	105	--	--	--	--	3.5	1	120/ 1 /60	105°F AT FIXTURE

REMARKS:
1) MOUNT BELOW SINK, PLUG TO STANDARD OUTLET

TURNERBATSON

Pinnacle ENGINEERING, INC

Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALBASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA
No. 24075
PROFESSIONAL ENGINEER

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

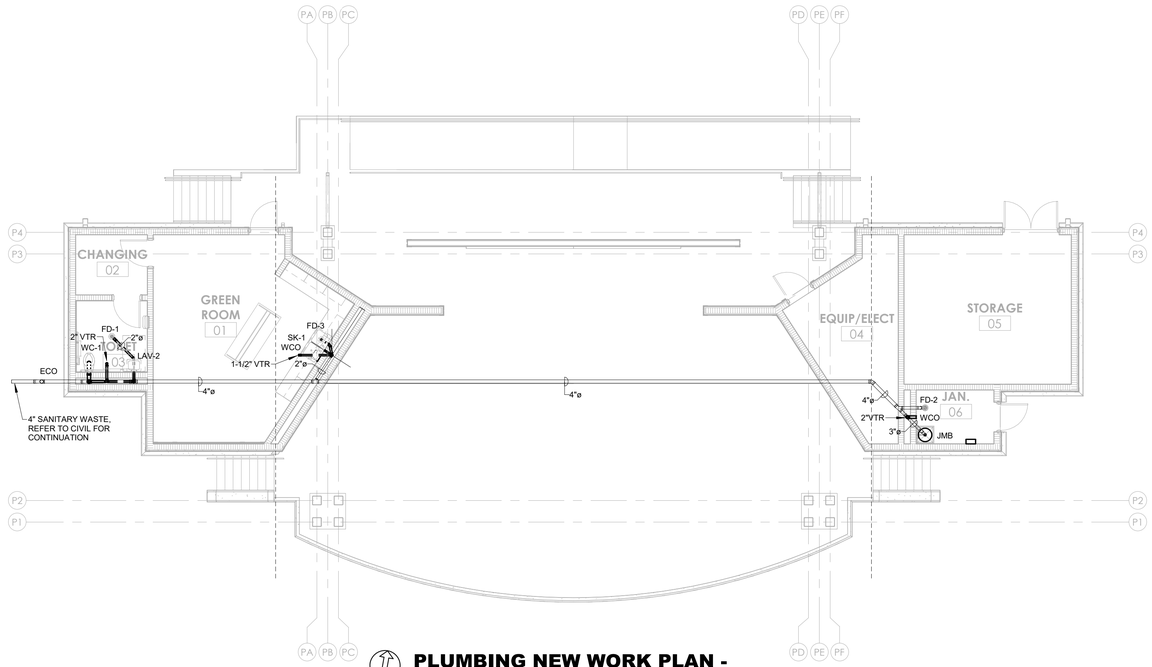
No	Date	Description

SHEET TITLE: PLUMBING LEGEND, ABBREV., SCHEDULES, & DETAILS

PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC

P0.01

10/24/2023 1:23:52 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 23016V23.rvt

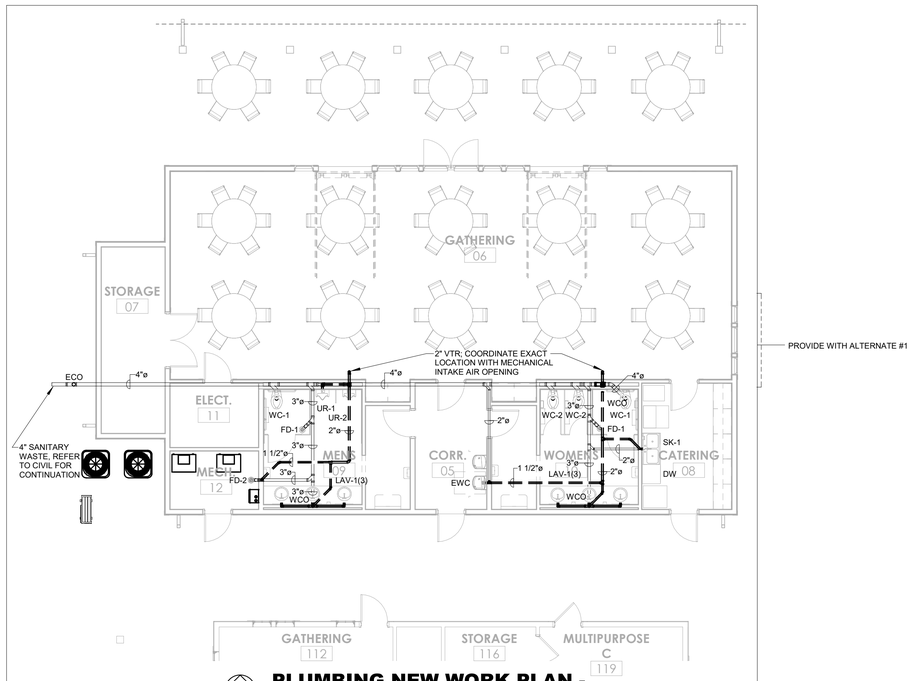


NORTH

PLUMBING NEW WORK PLAN - GRAVITY - PAVILION

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"



NORTH

PLUMBING NEW WORK PLAN - GRAVITY - SENIOR CENTER

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO BEGINNING WORK.
2. SPACE ABOVE CEILING IS LIMITED. CAREFUL COORDINATION WITH LIGHTING, ELECTRICAL, MECHANICAL, FIRE PROTECTION, STRUCTURAL AND ARCHITECTURAL WORK IS CRITICAL FOR COMPLETE PIPING INSTALLATION. CONTRACTOR SHALL PROVIDE NECESSARY OFFSETS IN NEW AND EXISTING PIPING AND ELECTRICAL CONDUIT AS REQUIRED TO ACCOMMODATE NEW WORK, CONTRACTOR SHALL ALLOW FOR ANY CONFLICTS ENCOUNTERED.
3. COORDINATION SHOP DRAWINGS SHALL BE PREPARED FOR THE ENTIRE PROJECT DRAWN TO 1/4" = 1'0" SCALE (MINIMUM.) DRAWINGS SHALL BE FULLY DIMENSIONED, INCLUDING ELEVATIONS OF DUCTWORK AND PIPING, SHOWING CEILING GRIDS, LIGHTING LAYOUTS, PIPING UNDER OTHER DIVISIONS, CABLE TRAYS AND MAJOR ELECTRICAL CONDUIT (2" AND LARGER).
4. PIPING LAYOUTS ARE DIAGRAMMATIC AND DO NOT SHOW ALL ELEMENTS OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES ON DIRECTION, ELEVATION AND MINOR OFFSETS NECESSARY FOR COMPLETE INSTALLATION OF ELEMENTS SHOWN.
5. ALL WASTE PIPING SHOWN IS BELOW FINISHED FLOOR UNLESS OTHERWISE NOTED. ALL VENT PIPING SHOWN IS ABOVE CEILING UNLESS OTHERWISE NOTED.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF ALL CEILING MOUNTED DEVICES. REFER TO ARCHITECTURAL FLOOR PLANS FOR ALL DIMENSIONS.
7. DOWNSPOUT BOOTS SHALL BE INSTALLED AT ALL TRANSITION POINTS FROM ROOF GUTTERS TO UNDERGROUND STORM DRAINAGE PIPING. CONTRACTOR SHALL PROVIDE AND INSTALL DOWNSPOUT BOOTS. DOWNSPOUT BOOT LOCATIONS SHALL BE COORDINATED IN THE FIELD. PROVIDED UNIT PRICE FOR DOWNSPOUT BOOTS IN BID.
8. COORDINATE ACCESS DOOR LOCATIONS WITH GENERAL CONTRACTOR AND ARCHITECT.
9. MECHANICAL ROOM FLOOR DRAINS HAVE BEEN COORDINATED WITH EQUIPMENT IN MECHANICAL SPECIFICATIONS. FINAL LOCATION MAY NEED TO BE ADJUSTED BASED ON INSTALLED EQUIPMENT.
10. RESTROOM FLOOR DRAINS HAVE BEEN COORDINATED WITH PARTITIONS AND FIXTURES. CONSULT ARCHITECTURAL PLANS TO ENSURE FINAL LOCATION OF PARTITIONS DOES NOT INTERFERE WITH FLOOR DRAINS.

TURNERBATSON

Pinnacle ENGINEERING, INC.

Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA STATE LICENSED No. 24075 PROFESSIONAL ENGINEER

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

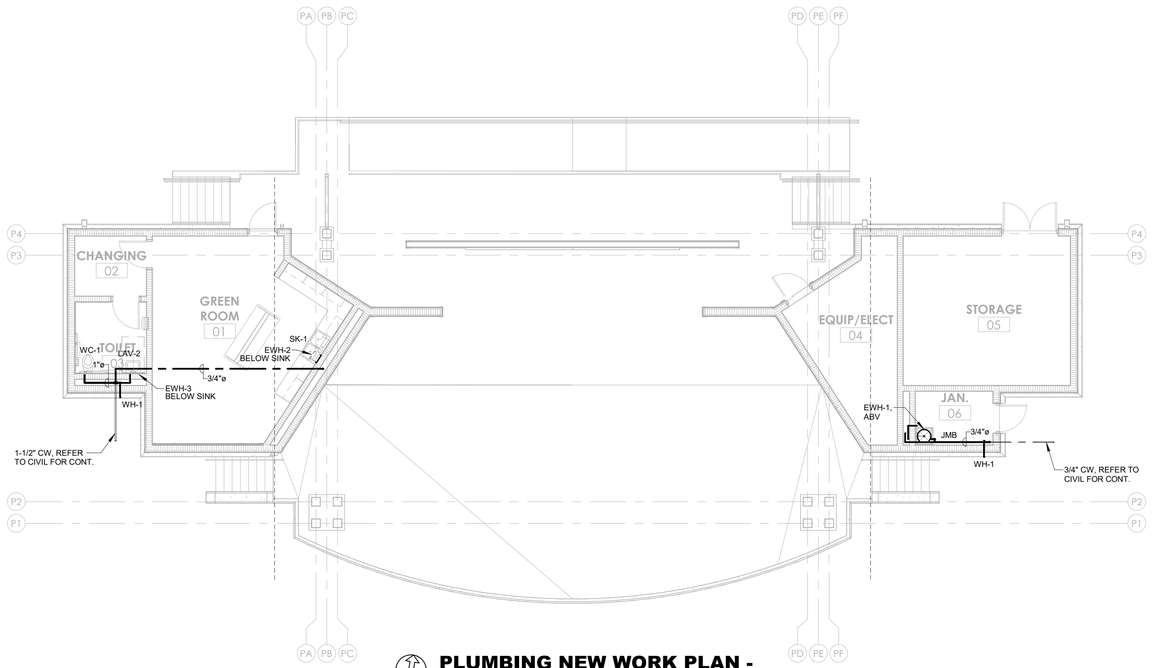
No	Date	Description

SHEET TITLE: PLUMBING GRAVITY PLANS

PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC/JMH

P2.01

10/24/2023 1:23:55 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 23016V23.rvt

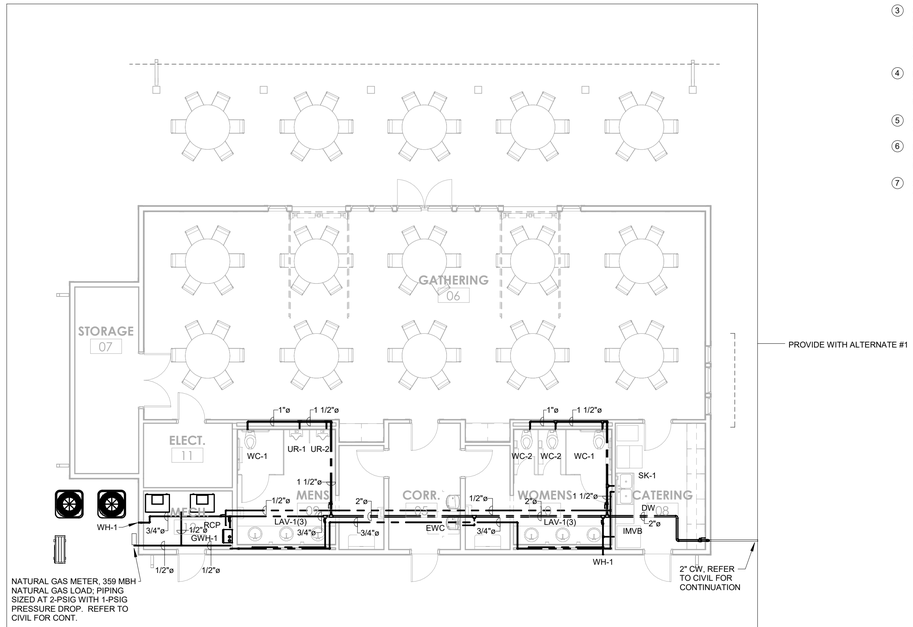


NORTH

PLUMBING NEW WORK PLAN - PRESSURE - PAVILION

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"



NORTH

PLUMBING NEW WORK PLAN - PRESSURE - SENIOR CENTER

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO BEGINNING WORK.
2. SPACE ABOVE CEILING IS LIMITED. CAREFUL COORDINATION WITH LIGHTING, ELECTRICAL, MECHANICAL, FIRE PROTECTION, STRUCTURAL AND ARCHITECTURAL WORK IS CRITICAL FOR COMPLETE PIPING INSTALLATION. CONTRACTOR SHALL PROVIDE NECESSARY OFFSETS IN NEW AND EXISTING PIPING AND ELECTRICAL CONDUIT AS REQUIRED TO ACCOMMODATE NEW WORK. CONTRACTOR SHALL ALLOW FOR ANY CONFLICTS ENCOUNTERED.
3. COORDINATION SHOP DRAWINGS SHALL BE PREPARED FOR THE ENTIRE PROJECT DRAWN TO 1/4" = 1'0" SCALE (MINIMUM.) DRAWINGS SHALL BE FULLY DIMENSIONED, INCLUDING ELE-ACTIONS OF DUCTWORK AND PIPING, SHOWING CEILING GRIDS, LIGHTING LAYOUTS, PIPING UNDER OTHER DIVISIONS, CABLE TRAYS AND MAJOR ELECTRICAL CONDUIT (2" AND LARGER).
4. PIPING LAYOUTS ARE DIAGRAMMATIC AND DO NOT SHOW ALL ELEMENTS OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES ON DIRECTION, ELEVATION AND MINOR OFFSETS NECESSARY FOR COMPLETTE INSTALLATION OF ELEMENTS SHOWN.
5. ALL PRESSURE PIPING SHOWN IS ABOVE THE CEILING UNLESS OTHERWISE NOTED.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF ALL CEILING MOUNTED DEVICES. REFER TO ARCHITECTURAL FLOOR PLANS FOR ALL DIMENSIONS.
7. COORDINATE ACCESS DOOR LOCATIONS WITH GENERAL CONTRACTOR AND ARCHITECT.

TURNERBATSON

Pinnacle ENGINEERING, INC.

Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA No. 24075 PROFESSIONAL ENGINEER

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

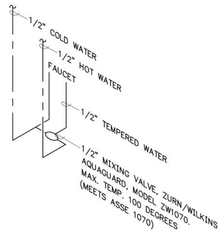
No	Date	Description

SHEET TITLE: PLUMBING PRESSURE PLANS

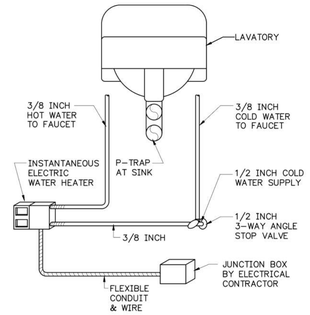
PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC/JMH

P2.11

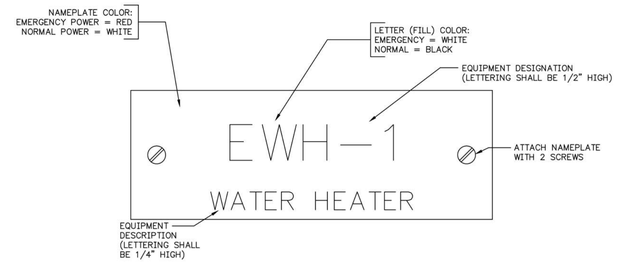
10/24/2023 1:23:58 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 23016V23.rvt



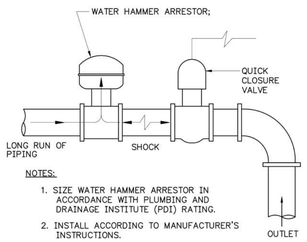
7 P301 TYPICAL LAVATORY MIXING VALVE
PUBLIC HANDWASHING SINKS ONLY
NO SCALE



4 P301 INSTANTANEOUS WATER HEATER
NO SCALE



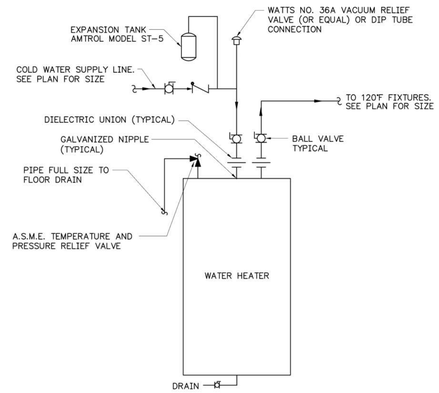
12 P3.1 PLUMBING EQUIPMENT NAMEPLATE DETAIL
NO SCALE



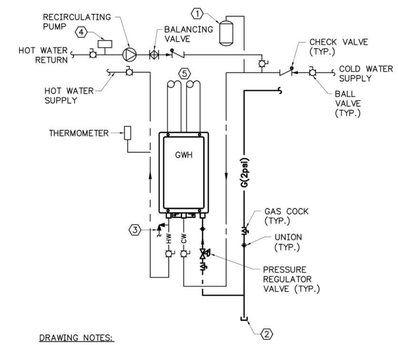
NOTES:

1. SIZE WATER HAMMER ARRESTOR IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE (PDI) RATING.
2. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
3. PROVIDE ON EACH BRANCH RUN-OUT

8 P301 WATER HAMMER ARRESTOR
NO SCALE



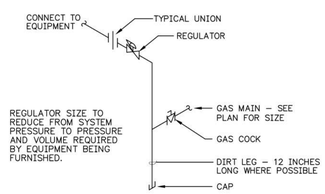
5 P301 WATER HEATER PIPING DETAIL
NO SCALE



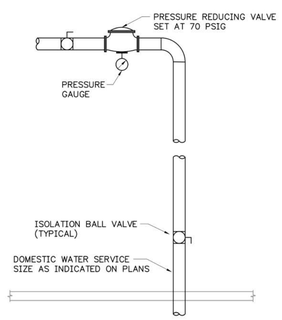
DRAWING NOTES:

1. EXPANSION TANK, AMTROL MODEL ST-1 OR EQUAL
2. GAS PIPING WITH DRIP LEG.
3. CONNECT HOT WATER PIPING TO WATER HEATER. PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE. ROUTE FULL SIZE FULL SIZE RELIEF PIPING TO DRAIN. (TYPICAL)
4. MOUNT AQUASTAT ON HWR PIPING. MOUNT TIMECLOCK ON WALL. INTERLOCK RECIRCULATING PUMP OPERATION WITH AQUASTAT AND TIMECLOCK IN ACCORDANCE WITH INTERNATIONAL ENERGY CONSERVATION CODE REQUIREMENTS..
5. ROUTE VENT PIPING UP TO MANUFACTURER'S CONCENTRIC INTAKE / EXHAUST MANIFOLD MOUNTED ON ROOF. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

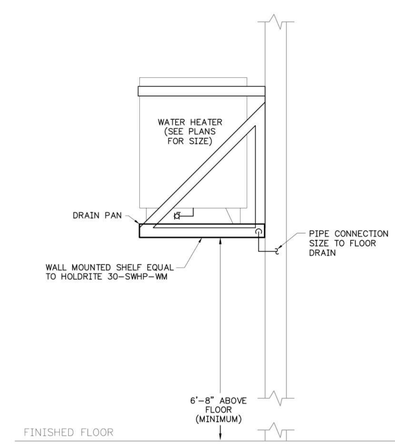
2 P301 GAS WATER HEATER DETAIL
NO SCALE



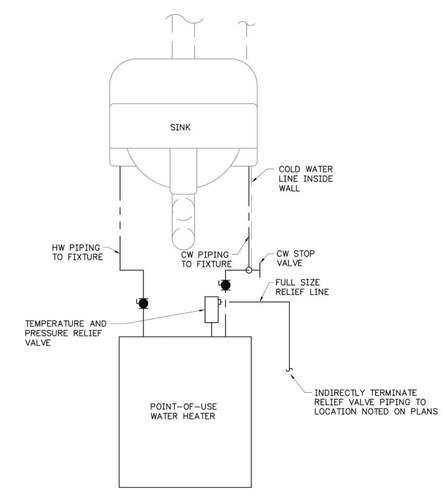
9 P301 TYPICAL GAS CONNECTION
NO SCALE



10 P301 DOMESTIC WATER ENTRANCE DETAIL
NO SCALE



6 P301 WATER HEATER MOUNTING DETAIL
NO SCALE



3 P301 MINI-TANK WATER HEATER
NO SCALE

TURNERBATSON

Pinnacle ENGINEERING, INC.

Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALBASTER AMPHITHEATER
ALABASTER, ALABAMA

STATE OF ALABAMA No. 24075 PROFESSIONAL ENGINEER

I.F.C.
ISSUED FOR CONSTRUCTION

REVISIONS:

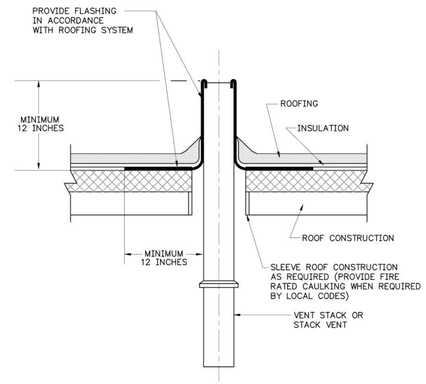
No	Date	Description

SHEET TITLE: PLUMBING DETAILS

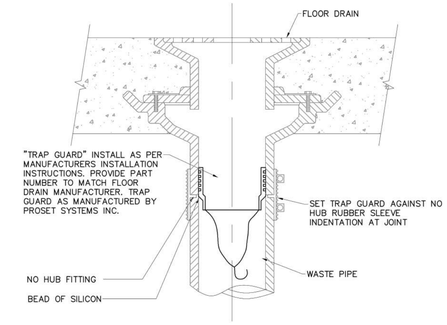
PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC

P3.01

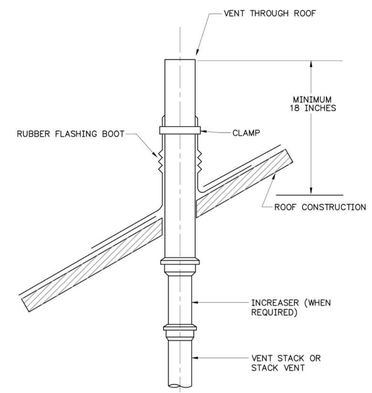
10/24/2023 1:24:10 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 23016V23.rvt



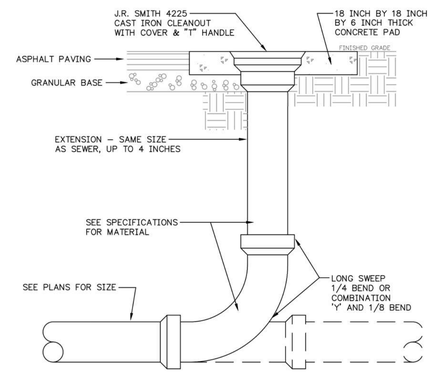
5 P302 VENT THROUGH ROOF DETAIL
NO SCALE



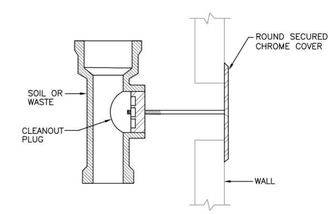
1 P302 TRAP GUARD SEAL DETAIL
NO SCALE



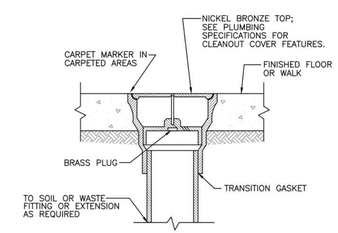
6 P302 VENT THROUGH ROOF DETAIL
NO SCALE



2 P302 EXTERIOR CLEANOUT
NO SCALE



3 P302 WALL CLEANOUT
NO SCALE



4 P302 FLOOR CLEANOUT
NO SCALE

TURNERBATSON

Pinnacle ENGINEERING, INC.

Engineering & Design Consultants
2111 Parkway Office Circle, Suite 125
Birmingham, AL 35244
(205) 733-6912 FAX: (205) 733-6913
Job No.: 23016

REBID
ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

I.F.C.

ISSUED FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: PLUMBING DETAILS

PROJECT NUMBER: 2904
CHECKED BY: JMH
ISSUE DATE: 10/27/23
DRAWN BY: JWC

P3.02

10/24/2023 1:24:23 PM F:\Projects\23\23016 - Alabaster Amphitheater\Drawings\Alabaster Amphitheater MP 23016V23.rvt

CEILING OUTLETS

- A (2) — RECESSED 2'x4' LAY-IN FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL.
- A (2) — RECESSED 2'x4' LAY-IN FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL, 'EMERGENCY POWER'.
- A (2) — RECESSED 1'x4' LAY-IN FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL.
- A (2) — RECESSED 1'x4' LAY-IN FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL, 'EMERGENCY POWER'.
- A (2) — RECESSED 2'x2' LAY-IN FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL.
- A (2) — RECESSED 2'x2' LAY-IN FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL, 'EMERGENCY POWER'.
- A (2) — SURFACE OR PENDANT MOUNTED LINEAR STRIP FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL.
- A 2 — SURFACE OR PENDANT MOUNTED LINEAR STRIP FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL, 'EMERGENCY POWER'.
- A (2) — RECESSED OR SURFACE MOUNTED DOWNLIGHT, MARK 'A' CIRCUIT NUMBER 2, TYPICAL.
- A 2 — RECESSED OR SURFACE MOUNTED DOWNLIGHT, MARK 'A' CIRCUIT NUMBER 2, TYPICAL, 'EMERGENCY POWER'.
- A (2) — RECESSED OR SURFACE MOUNTED ROUND FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL.
- A 2 — RECESSED OR SURFACE MOUNTED ROUND FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL. 'EMERGENCY POWER'.
- CEILING MOUNTED SINGLE FACE EXIT SIGN, ARROWS AS SHOWN ON DRAWINGS.
- CEILING MOUNTED DOUBLE FACE EXIT SIGN, ARROWS AS SHOWN ON DRAWINGS.
- CEILING MOUNTED JUNCTION BOX.
- DUPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. CEILING MOUNTED.
- G — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. CEILING MOUNTED.
- V — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. CEILING MOUNTED. MOUNT IN 4"x4"x2" BOX. PROVIDE STEEL BARRIER BETWEEN CATV/RECEPTACLE AND CONNECTOR WITH BUSHING FOR CATV CABLE.
- DUPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. CEILING MOUNTED. UNLESS NOTED OTHERWISE UPPER RECEPTACLE NON CONTROLLED/LOWER RECEPTACLE CONTROLLED BY ROOM AUTOMATION SYSTEM. CONTROLLED RECEPTACLE SHALL BE MARKED WITH THE SYMBOL SHOWN IN NEC FIGURE 406.3(E) AND LOCATED ON THE CONTROLLED RECEPTACLE OUTLET WHERE VISIBLE AFTER INSTALLATION.
- AD — CEILING MOUNTED JUNCTION BOX FOR AUTOMATIC DOORS.
- JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT.
- JUNCTION BOX WITH FLEXIBLE CONNECTION TO FIXTURE.

WALL OUTLETS

- A (2) — WALL MOUNTED FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL.
- A 2 — WALL MOUNTED FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL, 'EMERGENCY POWER'.
- WALL MOUNTED SINGLE FACE EXIT SIGN, ARROWS AS SHOWN ON DRAWINGS.
- (2) A — WALL MOUNTED FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL.
- 2 A — WALL MOUNTED FIXTURE, MARK 'A' CIRCUIT NUMBER 2, TYPICAL, 'EMERGENCY POWER'.
- BATTERY OPERATED EMERGENCY FIXTURE.
- DUPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
- G — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
- W — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED, PROVIDE WEATHERPROOF 'EXTRA DUTY' BOX FOR RECEPTACLE.
- SB — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT AS DIRECTED FOR SMARTBOARD.
- DUPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER.
- G — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER.
- QUADRAPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
- G — QUADRAPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
- QUADRAPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER.
- G — QUADRAPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER.
- QUADRAPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 26" A.F.F. TO CENTER LINE FOR DRINKING FOUNTAIN. PROVIDE GFI BREAKER IN PANELBOARD.
- TP — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED, TAMPER-PROOF.
- CM — DUPLEX RECEPTACLE – 20AMP., 125 VOLT. 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. CONNECTION FOR COFFEE MAKER, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. PROVIDE GFI BREAKER IN PANELBOARD.
- MW — DUPLEX RECEPTACLE – 20AMP., 125 VOLT. 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. CONNECTION FOR MICROWAVE, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. PROVIDE GFI BREAKER IN PANELBOARD
- R — DUPLEX RECEPTACLE – 20AMP., 125 VOLT. 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. CONNECTION FOR REFRIGERATOR, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. PROVIDE GFI BREAKER IN PANELBOARD
- UCR — DUPLEX RECEPTACLE – 20AMP., 125 VOLT. 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. CONNECTION FOR UNDER COUNTER REFRIGERATOR, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. PROVIDE GFI BREAKER IN PANELBOARD.
- V — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI. 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT IN 4"x4"x2" BOX. PROVIDE STEEL BARRIER BETWEEN CATV/RECEPTACLE AND CONNECTOR WITH BUSHING FOR CATV CABLE.
- DUPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UPPER RECEPTACLE NON CONTROLLED/LOWER RECEPTACLE CONTROLLED BY ROOM AUTOMATION SYSTEM. CONTROLLED RECEPTACLE SHALL BE MARKED WITH THE SYMBOL SHOWN IN NEC FIGURE 406.3(E) AND LOCATED ON THE CONTROLLED RECEPTACLE OUTLET WHERE VISIBLE AFTER INSTALLATION.
- G — DUPLEX RECEPTACLE – 20AMP., 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT ABOVE COUNTER UPPER RECEPTACLE NON CONTROLLED/LOWER RECEPTACLE CONTROLLED BY ROOM AUTOMATION SYSTEM. CONTROLLED RECEPTACLE SHALL BE MARKED WITH THE SYMBOL SHOWN IN NEC FIGURE 406.3(E) AND LOCATED ON THE CONTROLLED RECEPTACLE OUTLET WHERE VISIBLE AFTER INSTALLATION.
- QUADRAPLEX RECEPTACLE – 20AMP., 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UPPER RECEPTACLE NON CONTROLLED/LOWER RECEPTACLE CONTROLLED BY ROOM AUTOMATION SYSTEM. CONTROLLED RECEPTACLE SHALL BE MARKED WITH THE SYMBOL SHOWN IN NEC FIGURE 406.3(E) AND LOCATED ON THE CONTROLLED RECEPTACLE OUTLET WHERE VISIBLE AFTER INSTALLATION.
- SINGLE RECEPTACLE – SEE DRAWINGS FOR NEMA CONFIGURATION.
- WALL MOUNTED JUNCTION BOX SIZE NOTED OR REQUIRED WITH BLANK SCREW COVER.
- WALL MOUNTED JUNCTION BOX SIZE NOTED OR REQUIRED WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT CONNECTION.
- P — WALL MOUNTED JUNCTION BOX SIZE NOTED OR REQUIRED WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT POWER CONNECTION FOR PREWIRED MODULAR FURNITURE. 3#10 & 3#10(NEUTRAL) & 1#10 (GROUND) 1"C.
- PLUGMOLD ASSEMBLY WITH RECEPTACLES SPACED EVERY 24" ON CENTER. ALTERNATE CIRCUITS FOR EVERY OTHER RECEPTACLE. VERIFY LENGTH ON FLOOR PLANS. PROVIDE 1-1/4"C. FOR COMMUNICATION CABLING UP ABOVE ACCESSIBLE CEILING. SIMILAR TO WIREMOLD #4000 DESIGNER SERIES.

* ALL RECEPTACLES MOUNTED IN STUDENT AREAS SHALL BE TAMPER PROOF RECEPTACLES.

LIGHTING CONTROLS

- OS — CEILING MOUNTED OCCUPANCY SENSOR.
- PP — POWER PACK FOR OCCUPANCY SENSOR.
- L1 — ROOM CONTROLLER – 1 ZONE DIMMING.
- L2 — ROOM CONTROLLER – 2 ZONE DIMMING.
- L3 — ROOM CONTROLLER – 3 ZONE DIMMING.
- RC — ROOM CONTROLLER – ON/OFF NO DIMMING.
- D1 — WALL DIMMER – ON/OFF & 0-10V 1-ZONE DIMMING.
- D2 — WALL DIMMER – ON/OFF & 0-10V 2-ZONE DIMMING.
- D3 — WALL DIMMER – ON/OFF & 0-10V 2-ZONE DIMMING.
- $L — LOW VOLTAGE SWITCH, 2-BUTTON.
- $L2 — LOW VOLTAGE SWITCH CONNECTED TO LIGHTING CONTROL PANEL, 2-BUTTON.
- $L4 — LOW VOLTAGE SWITCH CONNECTED TO LIGHTING CONTROL PANEL, 4-BUTTON.
- $O1 — OCCUPANCY SENSOR WALL SWITCH, DUAL TECHNOLOGY, ON/OFF.
- $O2 — OCCUPANCY SENSOR WALL SWITCH, DUAL TECHNOLOGY, ON/OFF, RAISE LOWER.
- PUSH BUTTON, TOGGLE SWITCH, ROTARY SWITCH, ETC., FURNISHED WITH EQUIPMENT BY OTHER, INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR.
- P — PHOTOCELL, TORK MODEL 5231 (120V), TWST RECEPTACLE: TORK 2421.

*COORDINATE WITH LIGHTING CONTROL DETAILS FOR MORE REQUIREMENTS.

BRANCH CIRCUITING

- RUN CONCEALED UNDER FLOOR OR IN GROUND SLAB.
- RUN CONCEALED IN CEILING OR WALLS.
- EXISTING – REMOVE IF EXPOSED, ABANDON IF CONCEALED, REMOVE ALL CONDUCTORS.
- SURFACE MOUNTED CONDUIT, RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- E — EMERGENCY.
- LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTION.
- LA — HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2#12 & 1#12 GROUND – 3/4"C. 3#12 & 1#12 GROUND – 3/4"C, 4#12 & 1#12 GROUND – 3/4"C, ETC AS PER NEC. LETTERS INDICATE PANELBOARD DESIGNATION.
- 10, LA — HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2#10 & 1#10 GROUND – 3/4"C. 3#10 & 1#10 GROUND – 3/4"C, 4#10 & 1#10 GROUND – 3/4"C, ETC AS PER NEC. LETTERS INDICATED PANELBOARD DESIGNATION.
- 8, LA — HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2#10 & 1#10 GROUND – 3/4"C. 3#10 & 1#10 GROUND – 3/4"C, 4#10 & 1#10 GROUND – 3/4"C, ETC AS PER NEC. LETTERS INDICATED PANELBOARD DESIGNATION.
- 6 — WHERE A NUMBER IS SHOWN NEXT TO OR ON THE CIRCUIT OR HOMERUN, THE NUMBER INDICATES CONDUCTOR SIZE OTHER THAN #12 – NUMBER #6 CONDUCTORS INDICATED. PROVIDE GROUND SIZED PER NEC TABLE 250 FOR MAX AMPACITY OF CONDUCTOR SIZE AS SHOWN. SIZE CONDUIT PER NEC ANNEX C.
- RISER: UP, RUNNING TO SOURCE.
- RISER: DOWN, RUNNING TO SOURCE.

DRAWING CONVENTIONS

- NEW WORK
- EXISTING TO REMAIN
- XR — EXISTING TO REMOVE
- EX — EXISTING TO REMAIN
- XRR — EXISTING TO BE RELOCATED
- XRL — EXISTING RELOCATED
- XR — EXISTING TO BE REMOVED

MISCELLANEOUS

A	AMPERE
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
CKT	CIRCUITS
CL	CENTER LINE
CU	COPPER
CWP	COLD WATER PIPE
DIA	DIAMETER
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRIC METALLIC TUBING
EP	EXPLOSION PROOF
FMC	FLEXIBLE METAL CONDUIT
FLA	FULL LOAD AMPERES
G	GROUND
GFI	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID METAL CONDUIT
GRD	GROUND
H	MOUNTING HEIGHT ABOVE FINISHED FLOOR TO CENTERLINE
HP	HORSE POWER
KVA	KILOVOLT-AMPERES
KW	KILOWATT
KCMIL	THOUSAND CIRCULAR MILS
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MLO	MAIN LUGS ONLY
MT	MOUNT
N	NEUTRAL
NIC	NOT IN CONTRACT
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOC.
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NL	NIGHT LIGHT
NTS	NOT TO SCALE
P	POLE
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PVC	PVC (POLYVINYL CHLORIDE) CONDUIT
SLD	SINGLE LINE DIAGRAM
TBB	TELEPHONE BACKBOARD
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSORS
UL	UNDERWRITER'S LABORATORY
UNO	UNLESS NOTED OTHERWISE
V	VOLTAGE
W	WIRE
WP	WEATHERPROOF
#	NUMBER
3R	NEMA 3R WEATHERPROOF ENCLOSURE
4X	NEMA 4X WEATHERPROOF/CORROSION ENCLOSURE

MISCELLANEOUS EQUIPMENT

- C — CONTACTOR
- R — RELAY
- T — TRANSFORMER
- SITE LIGHTING POLE
- EXTERIOR POST TOP LIGHT
- WH — WATER HEATER
- UH — UNIT HEATER
- EF — EXHAUST FAN
- GA — GENERATOR ANNUNCIATOR PANEL
- VAV — VARIABLE AIR VOLUME BOX
- ELE — ELEVATOR CONTROLLER
- VFD — VARIABLE FREQUENCY DRIVE
- GEN — GENERATOR ANNUNCIATOR PANEL
- ATS — AUTOMATIC TRANSFER SWITCH
- MTS — MANUAL TRANSFER SWITCH
- TS — TIME SWITCH

FLOOR BOXES

- RECESSED FLOOR BOX IN STAGE. COORDINATE STAGE SURFACE TYPE. FLOOR BOX SHALL BE EXTERIOR RATED WITH (8) SPACE FOR POWER OR LV DEVICES. POWER AND LV SHALL HAVE STEEL BARRIER TO SEPARATE EACH COMPARTMENT. PROVIDE STAINLESS STEEL COVER WITH NEOPREME GASKET. PROVIDE WITHIN 2-DUPLEX GFI RECEPTACLES NEMA 5-20R. PROVIDE CONDUIT AS SHOWN ON DRAWINGS. PROVIDE TWO (2) 1-1/4" CONDUITS TO ELECTRICAL ROOM. PROVIDE TWO (2) 1-1/4" CONDUITS TO IDFAMP. PROVIDE PROTECTIVE COLLAR FOR STUBS. PROVIDE WITH FLOOR EXTENSION FOR MOUNTING IN STAGE FLOOR.

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: ELECTRICAL LEGEND

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E0.01

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
1200 Providence Park, Suite 200
Birmingham, AL 35242
Tel: 334.285.1273
GA#23-001

TURNERBATSON

CCTV SYSTEM

CCTV — CAMERAS ARE OWNER FURNISHED AND OWNER INSTALLED. ELECTRICAL CONTRACTOR SHALL REFER TO CCTV DETAIL SHEET E6.01. WHERE MOUNTED IN WALL PROVIDE RECESSED JUNCTION BOX WITH EMPTY CONDUIT TO ABOVE ACCESSIBLE CEILING. NO CABLE SHALL BE EXPOSED OUTSIDE. ALL CABLE ROUTED OUTSIDE MUST BE IN CONDUIT.

COMMUNICATIONS

- WALL OUTLET – SINGLE GANG BOX WITH 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH NYLON PULL CORD.
- C — WALL OUTLET – 4–1/2" SQ x 3–1/2" DEEP BOX WITH 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH NYLON PULL CORD.
- CEILING OUTLET FOR WIRELESS INTERNET – PROVIDE AND INSTALLED BY OWNER. REFER TO WIFI DETAIL SHEET E6.01. WHERE MOUNTED IN WALL PROVIDE RECESSED JUNCTION BOX WITH EMPTY CONDUIT TO ABOVE ACCESSIBLE CEILING. NO CABLE SHALL BE EXPOSED OUTSIDE. ALL CABLE ROUTED OUTSIDE MUST BE IN CONDUIT.
- TBB — TELEPHONE BACKBOARD – 3/4" EXTERIOR GRADE PLYWOOD WITH TWO COATS OF INSULATING VARNISH, SIZE AS SHOWN.
- TVBB — TELEVISION BACKBOARD – 3/4" EXTERIOR GRADE PLYWOOD WITH TWO COATS OF INSULATING VARNISH, SIZE AS SHOWN.
- CABLE TRAY.
- 1/D — WALL MOUNTED JUNCTION BOX SIZE NOTED OR REQUIRED WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT TELE/DATA CONNECTION FOR PREWIRED MODULAR FURNITURE.

WALL SWITCHES (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F.)

- $ — A.C. TYPE, SINGLE POLE, 20AMP, 120/277 VOLT.
- 3$ — A.C. TYPE, 3–WAY, 20AMP, 120/277V VOLT.
- 4$ — A.C. TYPE, 4–WAY, 20AMP, 120/277V VOLT.
- a$ — A.C. TYPE, 4–WAY, 20AMP, 120/277V VOLT, CONTROLS ZONE 'a'.
- IM$ — ICE MACHINE DISCONNECT SWITCH, INSTALL RECESSED JUNCTION BOX WITH FUSE BLOCK AND FUSES (SIZE PER MANUFACTURER), AT 14"H. (COORDINATE LOCATION WITH EQUIPMENT TO BE USED). INSTALL MANUAL MOTOR SWITCH AT 48"H. ENGRAVE JUNCTION BOX COVER TO READ 'ICE MACHINE FUSES'.
- $$ — TWO SWITCHES IN TWO GANG BOX UNDER ONE WALLPLATE (NOTE: IF SWITCHES ARE CONNECTED TO DIFFERENT PANELBOARDS PROVIDE STEEL BARRIER BETWEEN SWITCHES.).
- MC $ — MOMENTARY CONTACT, 15A., 3–POSITION.
- TS $ — MOTOR RATED TOGGLE SWITCH DISCONNECT, WITH THERMAL OVERLOADS, A.C. TYPE, 20AMP, 120/277 VOLT.
- M $ — MOTOR RATED TOGGLE SWITCH DISCONNECT, WITHOUT THERMAL OVERLOADS, A.C. TYPE, 20AMP, 120/277 VOLT.
- M 30/1 $ — MOTOR RATED TOGGLE SWITCH DISCONNECT, WITH THERMAL OVERLOADS, A.C. TYPE, 30AMP, 120/277 VOLT.
- RL $ — RAISE/LOWER SWITCH FOR PROJECTION SCREEN.

GENERAL DEMOLITION NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO BID AND BIDDING ACCORDINGLY.
2. ALL DEMOLITION WORK SHALL BE PERFORMED WITH CARE NOT TO DISTURB THE OTHER EXISTING UTILITIES. IF EXISTING UTILITIES ARE DAMAGED BY THE CONTRACTOR, THE EXISTING UTILITIES ARE TO FIXED TO IT'S ORIGINAL CONDITION WITHOUT DELAY, BY AND AT THE EXPENSE OF THE CONTRACTOR.
3. LEGEND SYMBOLS ARE TYPICAL AND LOCATIONS ARE APPROXIMATE AND ARE NOT INTENDED TO LIMIT THE AMOUNT OF DEMOLITION WORK. COORDINATE WITH EXISTING CONDITIONS AND THESE NOTES AND REMOVE ALL APPLICABLE SYSTEMS AND COMPONENTS CONFLICTING WITH FINISHED DESIGN INTENT.
4. EXISTING BRANCH WIRING AND DEVICES SHOWN IS DIAGRAMMATICAL ONLY BASED ON EXISTING DRAWINGS AND SURVEYS. COORDINATE WITH ACTUAL EXISTING CONDITIONS FOR EXACT LOCATIONS.
5. TRENCH, CUT AND REMOVE EXISTING SURFACES AS REQUIRED FOR THE INSTALLATION OF ALL NEW ELECTRICAL PROVISIONS.
6. CONCEALED CONDUIT THAT CANNOT BE REMOVED DUE TO INACCESSIBILITY MAY BE ABANDONED. CONDUCTORS SHALL BE REMOVED AND CONDUIT CUT FLUSH WITH SURFACE.
7. OUTLET BOXES THAT CANNOT BE REMOVED DUE TO FLUSH MOUNTING IN PARTITIONS SHALL BE FILLED WITH GROUT, PATCHED AND FINISHED FLUSH TO MATCH EXISTING WALL SURFACE.
8. EXISTING JUNCTION BOXES MAY BE USED AS NOTED IF OF THE PROPER SIZE. MODIFICATIONS SHALL BE MADE WHEN REQUIRED SUCH AS PROVIDING EXTENSION RINGS, LOCKNUTS, BUSHINGS, ETC.
9. EXISTING PANELBOARDS SHALL BE UTILIZED TO FACILITATE THE WORK AS SHOWN ON THE DRAWINGS. NEW CIRCUIT BREAKERS SHALL BE OF THE SAME MANUFACTURER (WHENEVER POSSIBLE), FRAME SIZE, AIC RATING AND TYPE AS EXISTING. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL MATERIALS FOR PANELBOARDS TO PROPERLY MEET THE INTENT OF THE DRAWINGS.
10. WHEN EXISTING DEVICES, SWITCHES, EQUIPMENT, ETC. ARE NOTED TO BE REMOVED AND THE CIRCUIT(S) SERVING SUCH ITEMS SERVES OTHER ITEMS OR DEVICES WHICH ARE TO BE MAINTAINED, THE CONTRACTOR SHALL REROUTE, EXTEND, MODIFY, ETC. EXISTING CIRCUITS AS REQUIRED TO MAINTAIN COMPLETE AND OPERATING SYSTEMS.
11. IN ALL AREA TO BE REWORKED, THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL EQUIPMENT (LIGHT FIXTURES, DEVICES, ETC) AND ALL BRANCH CIRCUITS AND FEEDERS NOT REQUIRED FOR CONTINUATION OF EXISTING CIRCUITS TO REMAIN AND REWORK THE AREA AS SHOWN. ANY CIRCUITS BROKEN BY DEMOLITION FOR THE NEW BUILDING ALTERATIONS SHALL BE REPLACED AS REQUIRED. PROVIDE BLANK COVERS FOR ALL UNUSED OUTLETS NEEDED FOR CONTINUITY OF EXISTING CIRCUITS.

PANELS AND POWER

- PANELBOARD SURFACE MOUNTED.
- PANELBOARD FLUSH MOUNTED.
- CON — CONTROL PANEL
- NON–FUSIBLE DISCONNECT SWITCH, XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING.
- FUSIBLE DISCONNECT SWITCH, XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING. FURNISH AND INSTALL FUSES PER MANUFACTURER'S RECOMMENDATIONS.
- CIRCUIT BREAKER, XX/YY WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES.
- MAGNETIC MOTOR STARTER, SIZE 1.
- COMBINATION NON–FUSIBLE DISCONNECT SWITCH AND STARTER, XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING.
- COMBINATION FUSIBLE DISCONNECT SWITCH AND STARTER, XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING. FURNISH AND INSTALL FUSES PER MANUFACTURER'S RECOMMENDATIONS.
- 2 — MOTOR: SHOWN 2HP (TYPICAL)
- CIRCUIT BREAKER
- NONFUSIBLE SWITCH
- FUSIBLE SWITCH
- AUTOMATIC TRANSFER SWITCH
- AUTOMATIC TRANSFER SWITCH (OPEN TRANSITION) WITH BYPASS–ISOLATION
- DRAWOUT CONNECTION
- PAD MOUNTED TRANSFORMER
- LOAD BREAK CONNECTION
- GROUND
- METER
- GROUNDING ELECTRODE CONNECTION.
- ENGINE GENERATOR.

GENERAL ELECTRICAL NOTES:

1. THESE DRAWINGS ARE A PART OF A COMPLETE SET OF ARCHITECTURAL/ENGINEERING CONTRACT DOCUMENTS. ELECTRICAL CONTRACTOR SHOULD REFER TO THE ARCHITECTURAL PLANS FOR WALL DEFINITIONS, ELEVATIONS, CASEWORK, REFLECTED CEILING PLAN, ETC..
2. INSTALLATION SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, STATE AND LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
3. MAINTAIN ALL CLEARANCES FOR ELECTRICAL EQUIPMENT PER THE NEC.
4. ALL SYMBOLS SHOWN ON THIS LEGEND MAY NOT BE USED.
5. ALL BRANCH CIRCUIT CONDUIT SHALL BE GALVANIZED EMT, JOINED AND TERMINATED WITH SET SCREW STEEL FITTING, 3/4" CONDUIT MINIMUM.
6. ALL DIMENSIONS INDICATED IN THESE DOCUMENTS ARE FOR REFERENCE AND COORDINATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD AND COORDINATING WORK WITH OTHER TRADES TO AVOID CONFLICTS.
7. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL BEFORE ROUGH–IN OF LIGHT SWITCHES TO ENSURE PROPER SWITCH LOCATION.
8. THE LOCATION OF OUTLETS, FIXTURES AND EQUIPMENT SHOWN ON THE DRAWINGS ARE APPROXIMATE. OFFSET AS NEEDED OR AS REQUESTED BY THE OWNER. THE OWNER SHALL HAVE THE RIGHT TO RELOCATE ANY OUTLETS OR FIXTURES BEFORE THEY ARE INSTALLED WITHOUT ANY ADDITIONAL COST.
9. COORDINATE EXACT LOCATION OF ALL ELECTRICAL FLOOR DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
10. ALL ELECTRICAL RACEWAYS AND CABLING SHALL BE INSTALLED CONCEALED WITHIN THE CONFINES OF THE BUILDING FOUNDATIONS EXCEPT THOSE SPECIFICALLY SERVING LOADS OR EQUIPMENT EXTERIOR OF THE BUILDING. ALL SUCH RACEWAYS SHALL BE A MINIMUM 18" INSIDE FOUNDATIONS. POWER AND COMMUNICATIONS RACEWAYS SHALL BE SEPARATED BY A MINIMUM 18".
11. ALL CIRCUITS SHOWN CONCEALED SHALL BE RUN IN FURRED CEILING SPACES AND SHALL BE CONCEALED IN CONCRETE SLAB ONLY WHEN NO FURRED CEILING SPACE IS PROVIDED.
12. ALL CONDUITS INSTALLED UNDERFLOOR SHALL BE ROUTED UNDER STRUCTURAL CONCRETE FLOOR SLABS. CONTRACTOR SHALL NOT INSTALL CONDUITS IN CONCRETE FLOORING WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER. CONDUITS PENETRATING THRU CONCRETE FLOORS SHALL ADHERE TO THE ELECTRICAL SPECIFICATIONS AND RECOMMENDATIONS OF THE STRUCTURAL ENGINEER.
13. ALL RACEWAYS INSTALLED ON EXTERIOR OF THE BUILDING, INCLUDING CONDUIT UNDER CANOPIES, SHALL BE GRC, EMT WILL NOT BE ACCEPTED.
14. ALL RACEWAYS SHALL BE SUPPORTED PER NEC AND AT LEAST EVERY 10' AND WITHIN 3' OF EVERY JUNCTION BOX. RACEWAYS SUPPORTED ON BOTTOM OF SECONDARY CEILING SHALL BE SUPPORTED FROM THE STRUCTURE NOT FROM THE GYPBOARD CEILING.
15. ALL EMPTY WALL MOUNTED JUNCTION BOXES SHALL BE PROVIDED WITH A WALL BLANK AND ALL EMPTY RACEWAYS SHALL BE PROVIDED WITH PULL WIRES.
16. ALL CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS.
17. ALL OUTLET BOXES MOUNTED BACK–TO–BACK IN WALLS SHALL HAVE FIREPROOF SOUND INSULATING MATERIAL INSTALLED BETWEEN THE BOXES TO PREVENT SOUND TRANSMISSION FROM ONE ROOM TO THE OTHER.
18. ALL FLUSH MOUNTED PANELS SHALL HAVE 3–1" EMPTY CONDUITS STUBBED OUT ABOVE CEILING FOR FUTURE CIRCUITS.
19. PROVIDE ALL CONDUIT STUBS WITH A PROTECTIVE COLLAR.
20. INSURE THAT ALL PENETRATIONS OF FIRE WALLS AND DECKS ARE PROPERLY SEALED PER INTERNATIONAL BUILDING CODE 712 AND WITH AN UL APPROVED DEVICE OR FIRE CAULK. REFER TO ARCHITECTURAL PLANS FOR THE LOCATIONS OF RATED FIRE WALLS AND UL ASSEMBLY LOCATIONS AND TYPES AND BID ACCORDINGLY.
21. ALL UNDERGROUND CONDUIT RUNS ENTERING THE BUILDING SHALL BE SEALED TO PREVENT THE ENTRANCE OF MOISTURE.
22. ALL FLEXIBLE CONDUITS ON THE EXTERIOR, IN WET LOCATIONS OR ANY MECHANICAL ROOM SHALL BE LIQUID TIGHT WITH SUITABLE FITTINGS.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING AROUND DEVICES, PENETRATIONS, OUTLETS, AND CONDUITS THAT PENETRATE THE WALLS ABOVE THE CEILING TO MAINTAIN SOUNDPROOFING. CONTRACTOR SHALL VERIFY THAT THE OPENING SIZES ARE LESS THAN 1/2" ON ALL SIDES OF THE PENETRATIONS. ALL OPENINGS IN EXCESS OF 1/2" SHALL BE CAULKED/SEALED WITH SHEET ROCK MUD. THE DRYWALL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING PENETRATIONS IN PLACE WHEN THE SHEETROCK IS INSTALLED. PENETRATIONS MADE AFTER THE DRYWALL CONTRACTOR HAS COMPLETED IN AN AREA SHALL BE SEALED BY THE CONTRACTOR MAKING THE PENETRATION.
24. PLANNED INTERRUPTIONS OF UTILITY SERVICE TO ANY EXISTING FACILITY OR AREAS WITHIN ANY FACILITY AFFECTED BY THIS CONTRACTOR SHALL BE CAREFULLY PLANNED AND COORDINATED IN ADVANCE OF THE REQUESTED INTERRUPTION. THE CONTRACTOR SHALL NOT INTERRUPT SERVICES UNTIL SPECIFIED APPROVAL HAS BEEN GRANTED. THE REQUEST SHALL INDICATE SERVICES AND AREAS TO BE AFFECTED, DATE AND TIME OF INTERRUPTION AND DURATION OF OUTAGE. REQUEST FOR INTERRUPTION OF SERVICE WILL NOT BE APPROVED UNTIL ALL EQUIPMENT AND MATERIAL REQUIRED FOR THE COMPLETION OF THAT PARTICULAR PHASE OF WORK ARE ON THE JOB SITE. CONTRACTOR IS RESPONSIBLE FOR ALL OVERTIME, HOLIDAY AND WEEKEND PAY TO THEIR EMPLOYEES TO DO THIS WORK DURING SCHEDULED NON–NORMAL WORK HOURS.
25. ALL EMERGENCY LIGHTS AND EXIT SIGNS SHALL HAVE AN EMERGENCY BATTERY DRIVER CONNECTED AHEAD OF LOCAL SWITCHING, UNLESS EMERGENCY LIGHTING IS ON EMERGENCY CIRCUIT FROM A GENERATOR.
26. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS FOR OCCUPANCY SENSORS. PROVIDE PROPER NUMBER OF POWER RACKS AND LOCATE POWER PACKS AND OCCUPANCY SENSORS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
27. ALL JUNCTION BOX COVERS ABOVE THE CEILING SHALL BE CLEARLY MARKED WITH WHICH CIRCUITS OR ELECTRICAL SYSTEM THEY CONTAIN.
28. HVAC EQUIPMENT POWER WIRING SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. CONTROL EQUIPMENT AND CONTROL WIRING SHALL BE FURNISHED UNDER DIVISION 15 UNLESS OTHERWISE NOTED. PROVIDE 3/4" CONDUITS WITH PULL WIRE BETWEEN INSIDE AND OUTSIDE UNITS, THERMOSTAT OUTLETS AND UNITS AND/OR MECHANICAL CONTROL PANEL AS APPLICABLE. THERMOSTAT OUTLETS SHALL BE 4" SQUARE OUTLETS, FLUSH MOUNTED WITH SINGLE GANG OR DOUBLE GANG PLASTER RINGS AS DIRECTED BY THE HVAC CONTRACTOR. COORDINATE EXACT LOCATION OF ALL EQUIPMENT, DEVICES, OUTLETS, ETC. WITH THE MECHANICAL DRAWINGS AND DIVISION 15 SPECIFICATIONS. COORDINATE WITH THE HVAC CONTRACTOR FOR EXACT LOCATIONS OF ALL EQUIPMENT.
29. ALL BRANCH CIRCUITS SHALL INCLUDE A GREEN COVERED GROUND WIRE SIZED PER NEC OR AS SHOWN. CONNECT TO EACH DEVICE AND OUTLET BOX ON THE CIRCUIT AND TO THE PANELBOARD GROUND BUS. MULTIPLE WIRE BRANCH CIRCUITS WITH COMMON NEUTRAL REQUIRE ONLY ONE GROUND WIRE. NUMBER OF WIRES SHOWN ON DRAWINGS DOES NOT INCLUDED GROUND WIRE.
30. INFORMATION SHOWN ON THESE PLANS IS TAKEN FROM EXISTING DRAWINGS AND SITE SURVEY. PRIOR TO BID, THE ELECTRICAL CONTRACTOR SHALL VISIT SITE TO SURVEY EXISTING CONDITIONS AFFECTING WORK. INCLUDE NECESSARY MATERIALS AND LABOR TO ACCOMPLISH THE ELECTRICAL WORK, INCLUDING RELOCATION OF EXISTING EQUIPMENT TO ALLOW FOR NEW CONSTRUCTION. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER AND RESOLVED PRIOR TO BID. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES.
31. MULTI–POLE BREAKERS SHALL BE USED TO SERVE MULTIWIRE BRANCH CIRCUITS. MULTIPLE SINGLE POLE BREAKERS MY BE USED IN CONJUNCTION WITH U.L. LISTED HANDLE TIES THAT WILL INITIATE A COMMON DISCONNECT OF ALL UNGROUNDED CONDUCTORS. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER.

ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA REGISTERED NO. 26988 PROFESSIONAL ENGINEER KENNETH RAY GUNN, JR. 10–27–23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

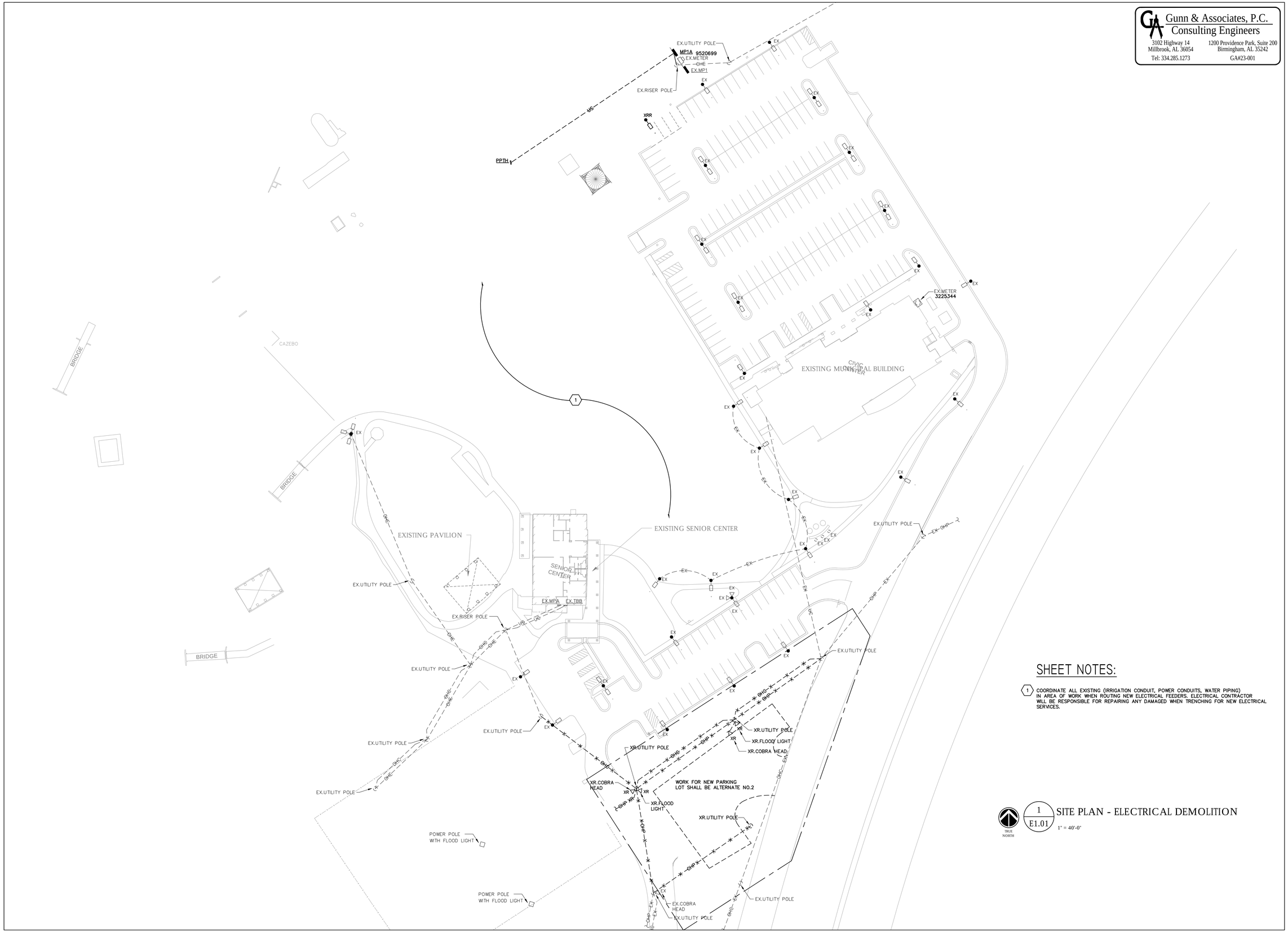
SHEET TITLE: ELECTRICAL LEGEND AND NOTES

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E0.02

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON



SHEET NOTES:

1. COORDINATE ALL EXISTING (IRRIGATION CONDUIT, POWER CONDUITS, WATER PIPING) IN AREA OF WORK WHEN ROUTING NEW ELECTRICAL FEEDERS. ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY DAMAGED WHEN TRENCHING FOR NEW ELECTRICAL SERVICES.

1 / E1.01 SITE PLAN - ELECTRICAL DEMOLITION

1" = 40'-0"

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

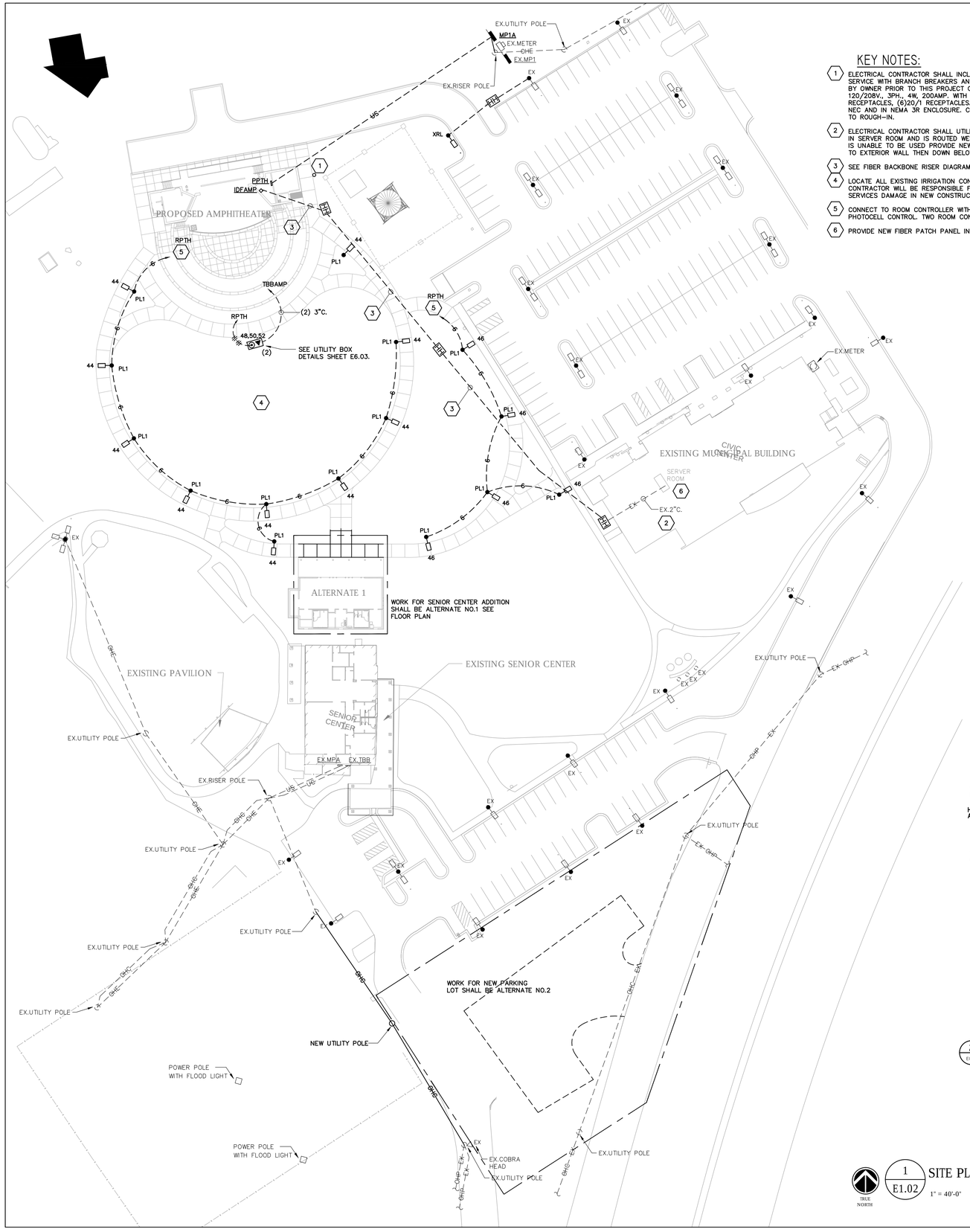
REVISIONS:

No	Date	Description

SHEET TITLE: SITE PLAN - ELECTRICAL DEMOLITION

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E1.01



KEY NOTES:

1. ELECTRICAL CONTRACTOR SHALL INCLUDE IN THEIR BID PRICE A TEMPORARY SERVICE WITH BRANCH BREAKERS AND RECEPTACLE FOR EVENT TO BE HELD BY OWNER PRIOR TO THIS PROJECT COMPLETION. TEMPORARY POWER SHALL 120/208V., 3PH., 4W, 200AMP. WITH (4) 50/2 RECEPTACLES (2) 40/2 RECEPTACLES, (6)20/1 RECEPTACLES. ALL EQUIPMENT SHALL BE GROUND PER NEC AND IN NEMA 3R ENCLOSURE. COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN.
2. ELECTRICAL CONTRACTOR SHALL UTILIZE EXISTING 2" CONDUIT THAT ORIGINATES IN SERVER ROOM AND IS ROUTED WEST AND CAPPED. IF EXISTING CONDUIT IS UNABLE TO BE USED PROVIDE NEW CONDUIT ROUTED ABOVE CEILING TO EXTERIOR WALL THEN DOWN BELOW GRADE.
3. SEE FIBER BACKBONE RISER DIAGRAM SHEET E6.02.
4. LOCATE ALL EXISTING IRRIGATION CONDUITS PRIOR TO INSTALLING NEW CONDUITS. CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT OF ALL UNDERGROUND SERVICES DAMAGE IN NEW CONSTRUCTION.
5. CONNECT TO ROOM CONTROLLER WITH INTERNAL ASTRONOMICAL TIMCLOCK AND PHOTOCELL CONTROL. TWO ROOM CONTROLLERS MAY SHARE THE SAME PHOTOCELL.
6. PROVIDE NEW FIBER PATCH PANEL IN EXISTING MDF IF REQUIRED.

UNDERGROUND UTILITY NOTES:

1. THE UNDERGROUND UTILITY PORTION OF THIS PROJECT CONSISTS OF BUT IS NOT LIMITED TO:
   a. TRENCHING/BACKFILLING FOR DUCT LINES AND CONDUIT SYSTEMS
   b. LOW VOLTAGE CONDUCTOR INSTALLATION
   c. PATCH/REPAIR ALL DAMAGED SURFACES AS A RESULT OF DUCTLINE INSTALLATIONS
2. INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL SAFETY CODE (NESC) AND THE NATIONAL ELECTRICAL CODE (NEC).
3. ALL CONDUCTIVE PARTS OF EQUIPMENT, ENCLOSURES, SUPPORTS, FRAMES, CASES, CONDUIT SYSTEMS AND SURGE ARRESTORS, CABLE SHEATHS, CABLE SHIELDS, COMMON NEUTRALS, ETC., SHALL BE GROUNDED. UNLESS NOTED OTHERWISE CONNECTIONS BELOW GRADE SHALL BE FUSION-WELDED AND ABOVE GRADE FUSION-WELDED OR BOLTED SOLDERLESS. ALL GROUND CONDUCTORS SHALL BE COPPER.
4. ALL CLEARANCES SHALL BE MAINTAINED PER NESC AND NEC. ALL PARTS, DEVICES, EQUIPMENT, ETC. WHICH REQUIRE MAINTENANCE, ADJUSTMENT, OPERATION OR EXAMINATION DURING NORMAL NETWORK OPERATION SHALL BE ARRANGED SO AS TO BE ACCESSIBLE BY THE PROVISION OF ADEQUATE WORKING SPACES, WORKING FACILITIES AND CLEARANCES. UNLESS NOTED OTHERWISE ALL CLEARANCES ARE MEASURED FROM SURFACE TO SURFACE.
5. ALL DIMENSIONS INDICATED IN THESE DOCUMENTS ARE FOR REFERENCE AND COORDINATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD.
6. UNLESS OTHERWISE SHOWN OR DIRECTED DUCT LINES SHALL NOT BE LOCATED DIRECTLY UNDER STRUCTURES AND NOT DIRECTLY UNDER OR OVER OTHER SUBSURFACE STRUCTURES. WHERE DUCT LINES ARE REQUIRED TO CROSS OTHER UTILITIES SUCH AS SEWERS, WATER LINES, OTHER POWER LINES, COMMUNICATION LINES, ETC., ADEQUATE SUPPORT SHALL BE PROVIDED ON EACH SIDE OF THE CROSSING TO PREVENT TRANSFERRING ANY DIRECT LOAD ONTO THE OTHER LINE. DUCT LINES SHALL BE SO INSTALLED AS TO PREVENT HEAT TRANSFER BETWEEN ANY HEAT PRODUCING LINES AND/OR EQUIPMENT TO DUCT LINES.
   a. ROUTING SHOWN ON DRAWINGS IS TYPICAL AND THE CONTRACTOR SHALL PROPOSE FINAL ROUTING BASED UPON ACTUAL FIELD DIMENSIONS, CONDITIONS AND EXISTING UNDERGROUND UTILITIES AND STRUCTURES.
   b. PRIOR TO TRENCHING, THE CONTRACTOR SHALL STAKE OUT THE ENTIRE NETWORK ARRANGEMENT. ONE GRADE A WOODEN STAKE WITH RED FLAG SHALL BE DRIVEN EVERY 50'-0" AND AT EACH CHANGE OF DIRECTION. FOUR STAKES SHALL BE DRIVEN TO OUTLINE EQUIPMENT AND/OR MANHOLE LOCATIONS. ON PAVEMENTS RED PAINT SHALL BE USED TO OUTLINE THE AREAS TO BE CUT. SECURE EXISTING UNDERGROUND UTILITY INFORMATION FROM THE CONTRACTING OFFICER PRIOR TO PERFORMING ANY TRENCHING.
   c. DEPTHS INDICATED FOR INSTALLATION ARE MINIMUM. ACTUAL DEPTHS MAY VARY DUE TO TERMINATIONS, COMPENSATIONS FOR RADIUS OF VERTICAL TRANSITIONS, EXISTING UTILITY CROSSINGS, ETC. APPROVAL SHALL BE OBTAINED FOR ANY DEPTH LESS THAN INDICATED. TRENCHES SHALL BE OVER-EXCAVATED AS NECESSARY TO ALLOW FOR PROPER TRENCH PREPARATION, DUCT BANK CONSTRUCTION, FORMING AND/OR BACKFILLING REQUIREMENTS.
   d. ALL TRENCHING AND BACKFILL COMPACTION SHALL COMPLY WITH GEOTECHNICAL REPORT AND DIVISION 200.

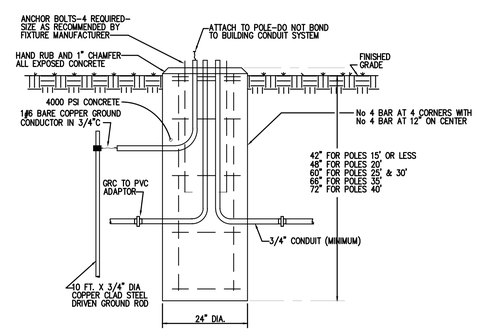
GENERAL NOTES:

1. LOCATIONS OF RISER POLES, AND TRANSFORMERS SHALL BE COORDINATED PRIOR TO BIDS. ADJUST FEEDER AND CONDUIT LENGTHS ACCORDINGLY. PAY ALL UTILITY COMPANY FEES. BID ACCORDINGLY.
2. ALL UNDERGROUND CONDUITS SHALL BE 36" MINIMUM BELOW GRADE. PRIMARY CONDUIT SHALL BE MINIMUM 48" BELOW GRADE.
3. ALL ROUTING IS SHOWN DIAGRAMMATIC. VERIFY ACTUAL ROUTING AND FIELD CONDITIONS PRIOR TO BIDS.
4. CONTRACTOR SHALL LABEL ALL CONDUITS ENTERING BACKBOARDS.

SITE LEGEND

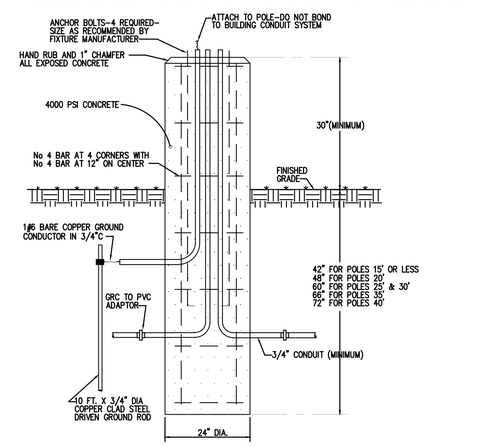
—OHP—	OVERHEAD ELECTRICAL BY UTILITY
—OHS—	OVERHEAD SECONDARY
—UP—	UNDERGROUND PRIMARY
—US—	UNDERGROUND SECONDARY
—UC—	UNDERGROUND COMMUNICATION
—OHC—	OVERHEAD COMMUNICATION
Tx	PAD MOUNTED TRANSFORMER
HH	NEW IN GRADE PULLBOX. PROVIDE 30"x48"Lx30"D IN-GRADE JUNCTION BOX FOR COMMUNICATIONS SYSTEM. BOX SHALL BE COMPOSITE MATERIAL OF HIGH STRENGTH WITH COVER AND STAINLESS STEEL INSERTS. COVER SHALL HAVE LOGO INDICATING CONTENTS WITHIN COMMUNICATIONS BOX SHALL BE DESIGNED FOR LIGHT TRAFFIC AREAS. MOUNT COVER FLUSH WITH GRAD. MOUNT ON A 12 INCH GRAVEL BED WITH 9 INCHES OF CONCRETE AROUND PERIMETER AND A 3 INCH SOIL TOP. SUBMIT BOX AND COVERS FOR APPROVAL. BOX TO BE EQUAL TO CDR SYSTEMS CORP., MEDEL #A10-3048-30.

NOTES:
1. CONCRETE SHALL TEST TO BE 4,000 PSI STRENGTH IN 28 DAYS.
2. SEE LIGHT FIXTURE SCHEDULE FOR LIGHTING CONFIGURATION.
3. ALL DIMENSIONS SHALL BE COORDINATED AND COMPLY WITH GEOTECHNICAL REPORT.
4. INSTALLATION SHALL COMPLY WITH MANUFACTURER'S RECOMMENDATIONS IF MORE STRINGET.
5. POLE BASE SHALL BE IN FULL CONTACT WITH THE CONCRETE BASE.
6. CONTRACTOR SHALL INCLUDE IN THEIR BASE BID PRICE TO PAINT POLE BASES PER OWNER OR ENGINEER'S DIRECTION.



2 / E1.02 DETAIL - TYPICAL FLUSH CONCRETE POLE BASE 'PL1'
NO SCALE

NOTES:
1. CONCRETE SHALL TEST TO BE 4,000 PSI STRENGTH IN 28 DAYS.
2. SEE LIGHT FIXTURE SCHEDULE FOR LIGHTING CONFIGURATION.
3. ALL DIMENSIONS SHALL BE COORDINATED AND COMPLY WITH GEOTECHNICAL REPORT.
4. INSTALLATION SHALL COMPLY WITH MANUFACTURER'S RECOMMENDATIONS IF MORE STRINGET.
5. POLE BASE SHALL BE IN FULL CONTACT WITH THE CONCRETE BASE.
6. CONTRACTOR SHALL INCLUDE IN THEIR BASE BID PRICE TO PAINT POLE BASES PER OWNER OR ENGINEER'S DIRECTION.



3 / E1.02 DETAIL - TYPICAL ELEVATED CONCRETE POLE BASE 'PL2'
NO SCALE

TRUE NORTH

1 / E1.02 SITE PLAN - ELECTRICAL BASE BID
1" = 40'-0"

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

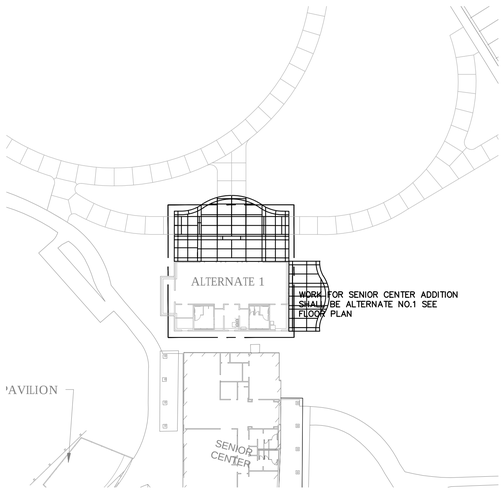
SHEET TITLE:
SITE PLAN - ELECTRICAL
NEW WORK BASE BID

PROJECT NUMBER:	2904
CHECKED BY:	KRG
ISSUE DATE:	10/27/23
DRAWN BY:	FJP

E1.02

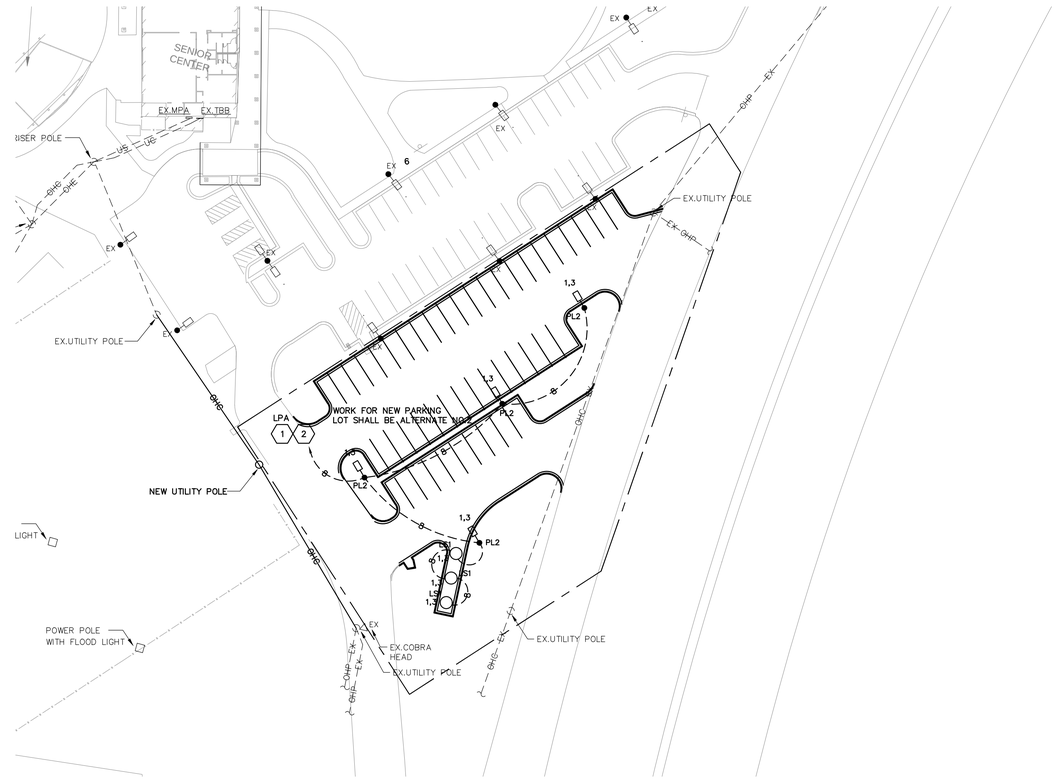
Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON



TRUE NORTH

1 / E1.03 SITE PLAN - ELECTRICAL NEW WORK ALTERNATE 1
1" = 40'-0"



TRUE NORTH

2 / E1.03 SITE PLAN - ELECTRICAL NEW WORK ALTERNATE 2
1" = 40'-0"

KEY NOTES:

1. CONNECT TO NEW 20/2 BREAKER IN EXISTING PANELBOARD NOTED. NEW BREAKER SHALL MATCH EXISTING (MANUFACTURER, VOLTAGE, RATINGS, ETC.) PROVIDE NEW AND COMPLETE TYPEWRITTEN BRANCH DIRECTORY.
2. PROVIDE NEW 2 CIRCUITS LIGHTING CONTROL MODULE WITH ASTRONOMICAL TIMECLOCK AND PHOTOCELL CONTROL. MODULE SHOULD BE RATED FOR (1) 20/2 BRANCH CIRCUIT AT 240V.

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED NO. 26988 PROFESSIONAL ENGINEER KENNETH RAY GUNN JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: SITE PLAN - ELECTRICAL NEW WORK ALTERNATES 1 AND 2

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

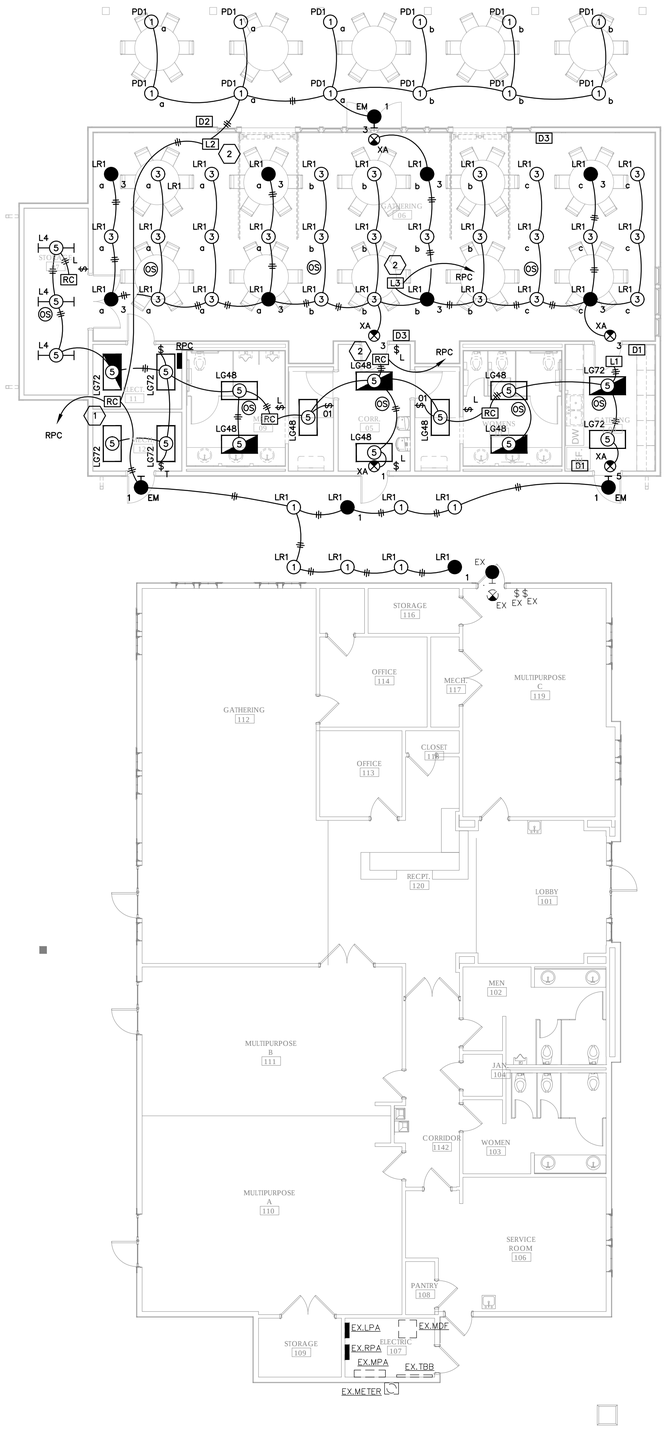
E1.03

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON

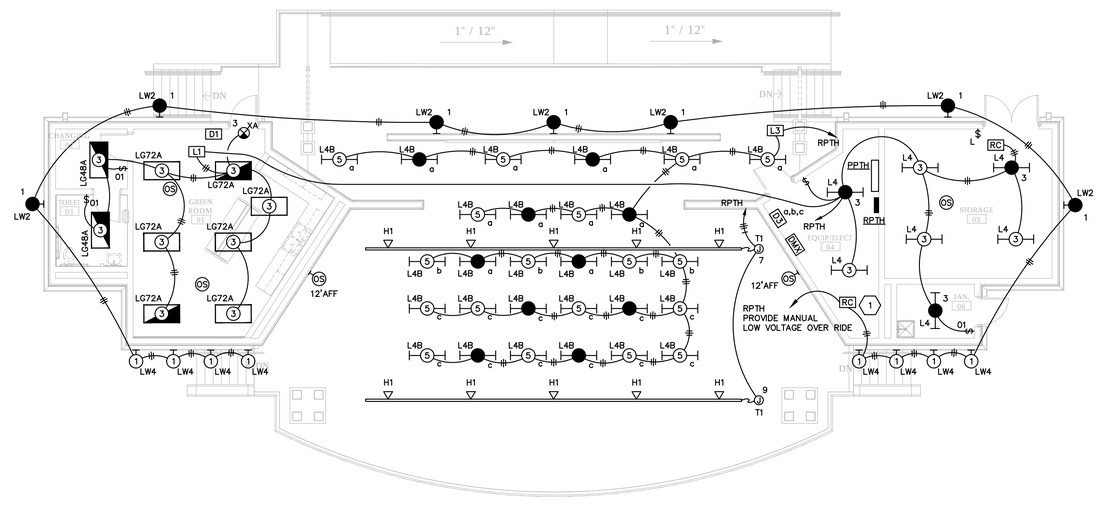
ALABASTER AMPHITHEATER

ALABASTER, ALABAMA



TRUE NORTH

2 / E2.01 FIRST FLOOR PLAN - SENIOR CENTER ADDITION LIGHTING ALTERNATE NO.1
1/8" = 1'-0"



TRUE NORTH

1 / E2.01 FLOOR PLAN - PAVILION LIGHTING
1/8" = 1'-0"

SHEET NOTES:

1. PROVIDE ROOM CONTROLLER WITH INTERNAL ASTRONOMICAL TIMECLOCK AND MANUAL OVER RIDE WALL SWITCH.
2. LOCATE ALL ROOM CONTROLLERS ABOVE ACCESSIBLE CEILING SPACE.

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: FLOOR PLAN - PAVILION & SENIOR CENTER LIGHTING

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: EJP

E2.01

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

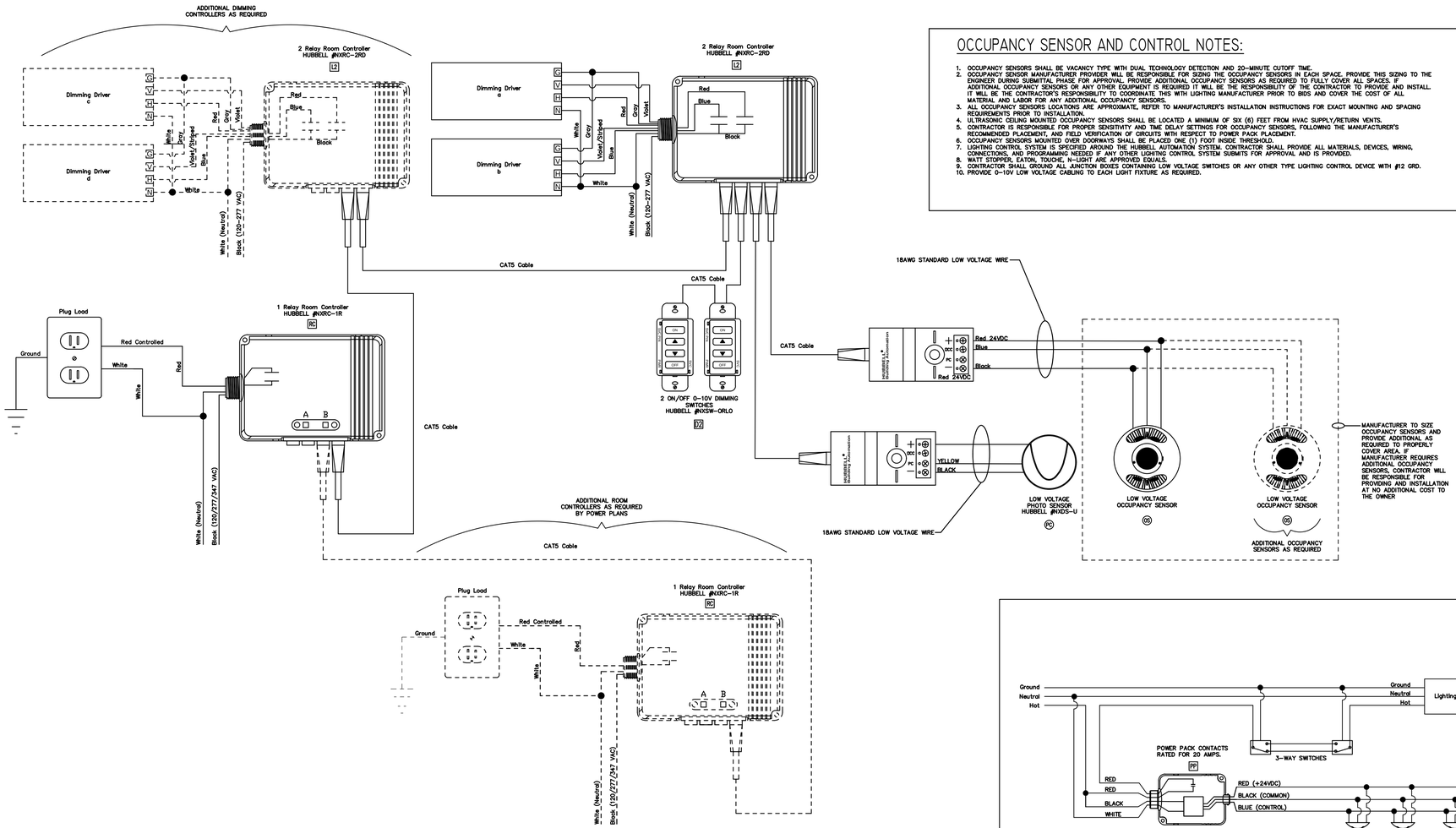
TURNERBATSON

ALABASTER AMPHITHEATER

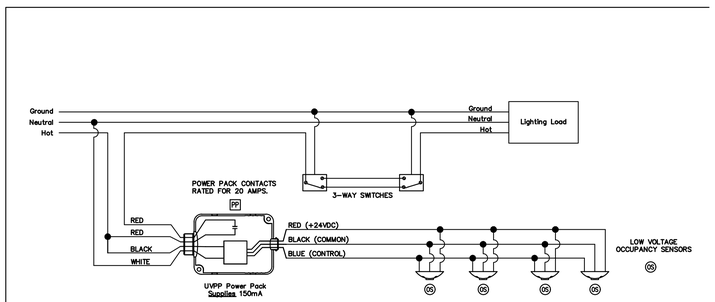
ALABASTER, ALABAMA

OCCUPANCY SENSOR AND CONTROL NOTES:

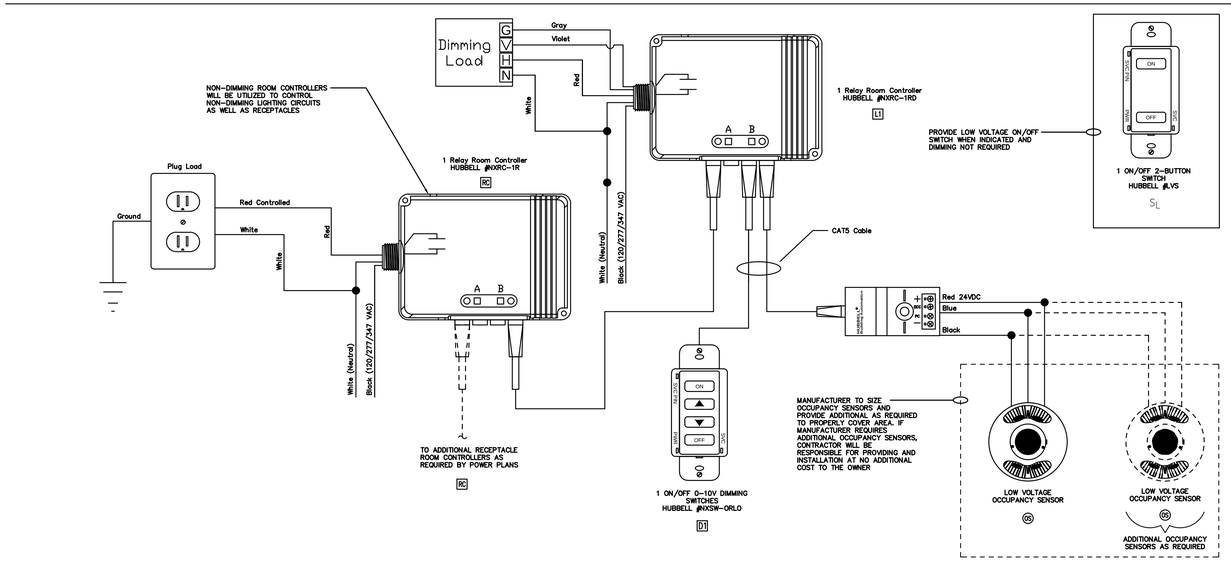
1. OCCUPANCY SENSORS SHALL BE VACANCY TYPE WITH DUAL TECHNOLOGY DETECTION AND 20-MINUTE CUTOFF TIME.
2. OCCUPANCY SENSOR MANUFACTURER PROVIDER WILL BE RESPONSIBLE FOR SIZING THE OCCUPANCY SENSORS IN EACH SPACE. PROVIDE THIS SIZING TO THE ENGINEER DURING SUBMITTAL PHASE FOR APPROVAL. PROVIDE ADDITIONAL OCCUPANCY SENSORS AS REQUIRED TO FULLY COVER ALL SPACES. IF ADDITIONAL OCCUPANCY SENSORS OR ANY OTHER EQUIPMENT IS REQUIRED IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INSTALL. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THIS WITH LIGHTING MANUFACTURER PRIOR TO BIDS AND COVER THE COST OF ALL MATERIAL AND LABOR FOR ANY ADDITIONAL OCCUPANCY SENSORS.
3. ALL OCCUPANCY SENSORS LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR EXACT MOUNTING AND SPACING REQUIREMENTS PRIOR TO INSTALLATION.
4. ULTRASONIC CEILING MOUNTED OCCUPANCY SENSORS SHALL BE LOCATED A MINIMUM OF SIX (6) FEET FROM HVAC SUPPLY/RETURN VENTS.
5. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS FOR OCCUPANCY SENSORS, FOLLOWING THE MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
6. OCCUPANCY SENSORS MOUNTED OVER DOORWAYS SHALL BE PLACED ONE (1) FOOT INSIDE THRESHOLD.
7. LIGHTING CONTROL SYSTEM IS SPECIFIED AROUND THE HUBBELL AUTOMATION SYSTEM. CONTRACTOR SHALL PROVIDE ALL MATERIALS, DEVICES, WIRING, CONNECTIONS, AND PROGRAMMING NEEDED IF ANY OTHER LIGHTING CONTROL SYSTEM SUBMITS FOR APPROVAL AND IS PROVIDED.
8. WATT STOPPER, EATON, TOUCHE, N-LIGHT ARE APPROVED EQUALS.
9. CONTRACTOR SHALL GROUND ALL JUNCTION BOXES CONTAINING LOW VOLTAGE SWITCHES OR ANY OTHER TYPE LIGHTING CONTROL DEVICE WITH #12 GRD.
10. PROVIDE 0-10V LOW VOLTAGE CABLING TO EACH LIGHT FIXTURE AS REQUIRED.



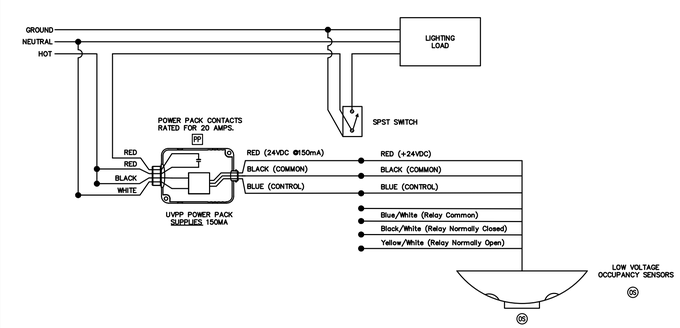
1 E2.02 TYPICAL MULTIPLE OCCUPANCY SENSOR, PHOTOCELL, MULTIPLE 0-10V DIMMING ZONES, AND MULTIPLE ROOM RECEPTACLE CONTROLLER DETAIL
NO SCALE



3 E2.02 TYPICAL 3-WAY SWITCHING OCCUPANCY SENSOR WIRING DIAGRAM
NO SCALE



2 E2.02 TYPICAL MULTIPLE OCCUPANCY SENSOR, SINGLE 0-10V DIMMING SYSTEM, AND MULTIPLE ROOM RECEPTACLE CONTROLLER DETAIL
NO SCALE



4 E2.02 TYPICAL SINGLE SWITCH OCCUPANCY SENSOR WIRING DIAGRAM
NO SCALE

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

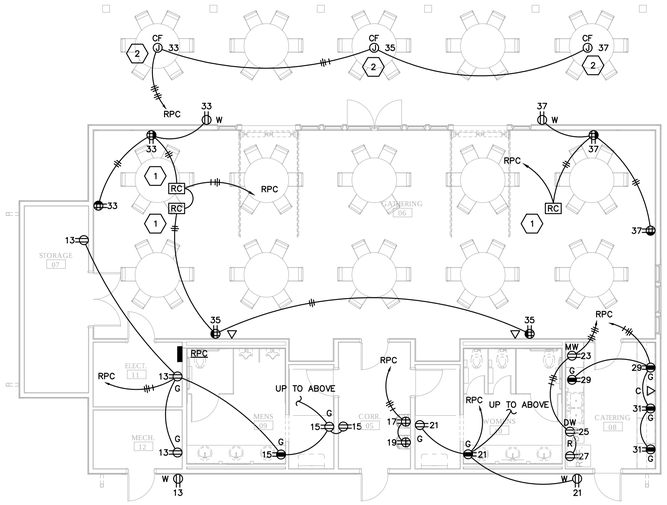
SHEET TITLE: FLOOR PLAN - PAVILION & SENIOR CENTER LIGHTING

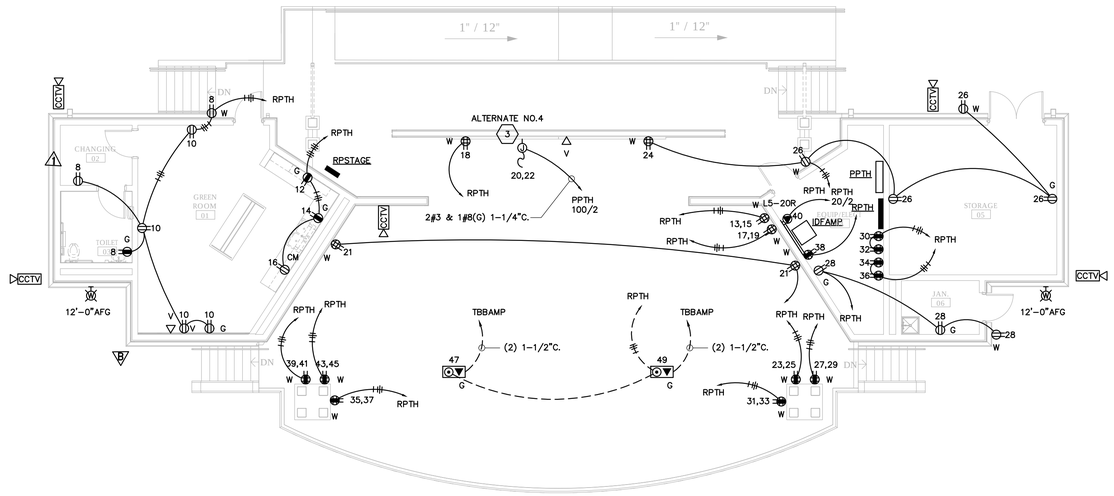
PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E2.02

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON

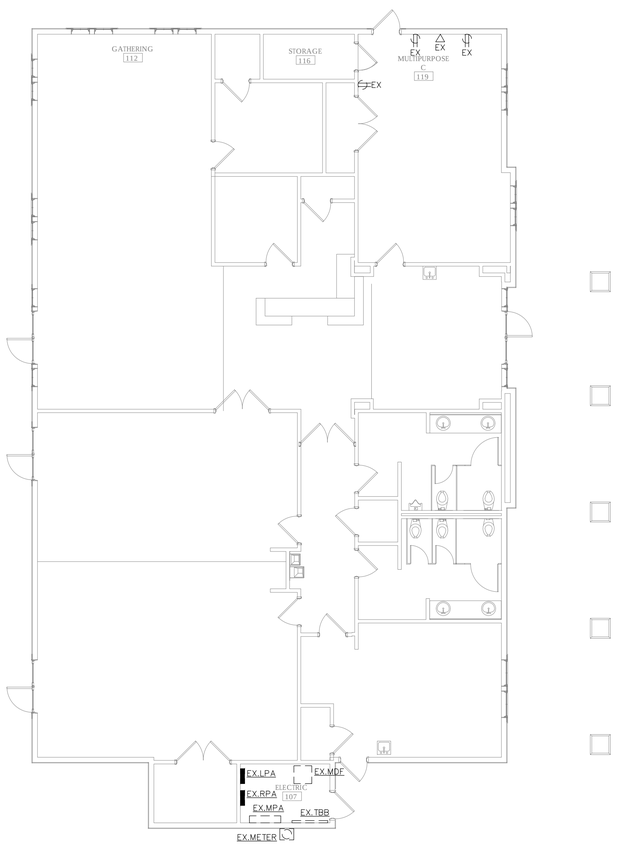




TRUE NORTH

1 / E3.01 FLOOR PLAN - PAVILION POWER AND AUXILIARY

1/8" = 1'-0"



TRUE NORTH

2 / E3.01 FIRST FLOOR PLAN - SENIOR CENTER ADDITION POWER AND AUXILIARY ALTERNATE NO. 1

1/8" = 1'-0"

SHEET NOTES:

1. LOCATE ALL ROOM CONTROLLERS ABOVE ACCESSIBLE CEILING SPACE.
2. CEILING FAN SELECTED BY ARCHITECT INSTALLED BY ELECTRICAL CONTRACTOR. CEILING FAN SHALL NOT HAVE A LIGHT KIT. IT SHALL BE FAN ONLY.
3. ELECTRICAL CONTRACTOR TO PROVIDE THE FOLLOWING POWER SERVICE TO THE VIDEO WALL. 208V., 4W. 98.0 AMP. THIS POWER SERVICE WSLL BE IN A SEPARATE BACKBOX LOCATED BEHIND THE VIDEO WALL. ELECTRICAL CONTRACTOR TO PROVIDE POWER SERVICE BACK BOX AS REQUIRED AND DIRECTED. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT BACK BOX LOCATION WITH THE AVC CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE IN ALTERNATE 4.

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED NO. 26988 PROFESSIONAL ENGINEER KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:		
No	Date	Description

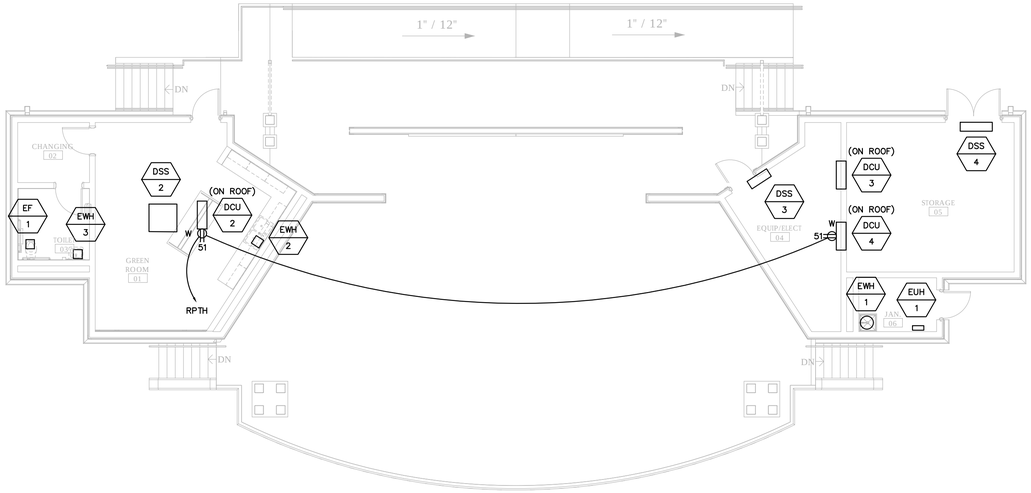
SHEET TITLE: FLOOR PLAN - PAVILION & SENIOR CENTER POWER AND AUXILIARY

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E3.01

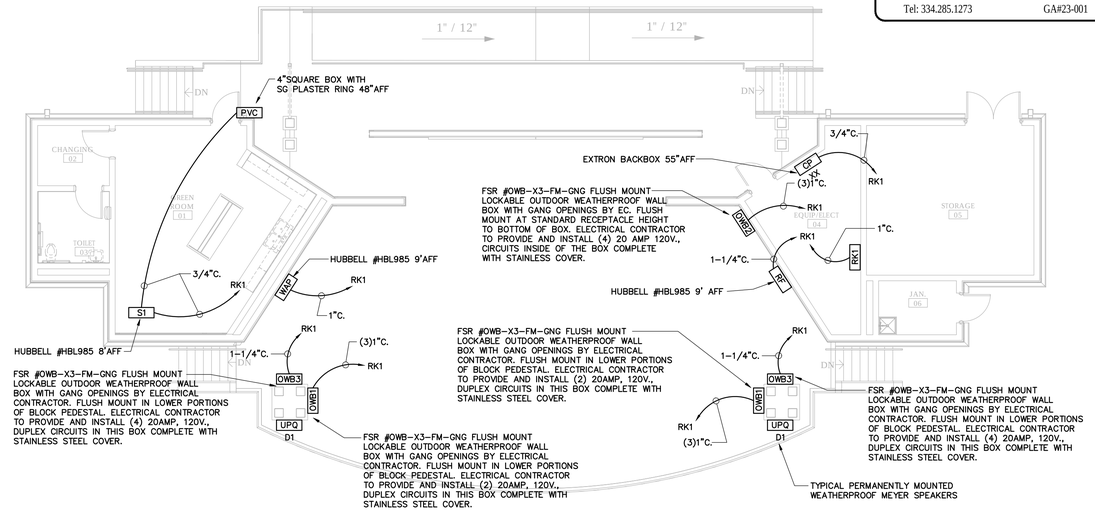
Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON



TRUE NORTH

1 / E3.02 FLOOR PLAN - PAVILION EQUIPMENT POWER
1/8" = 1'-0"

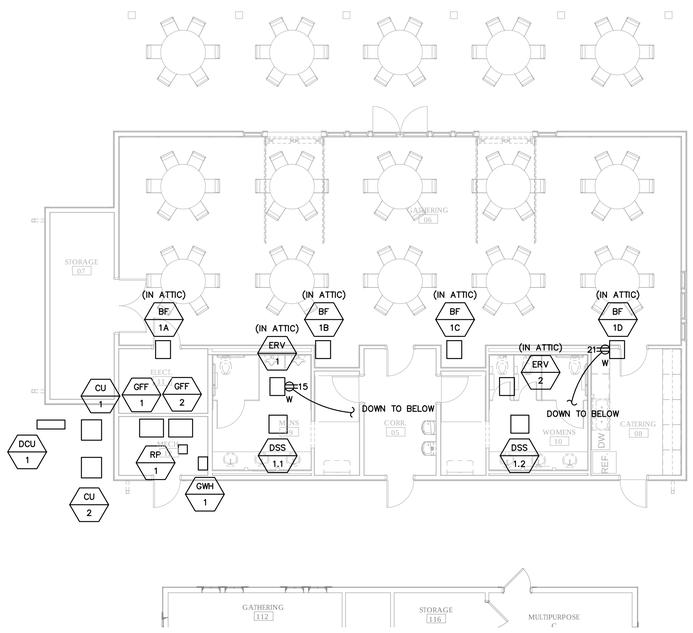


TRUE NORTH

2 / E3.02 FLOOR PLAN - PAVILION SOUND SYSTEM ALTERNATE NO. 3
1/8" = 1'-0"

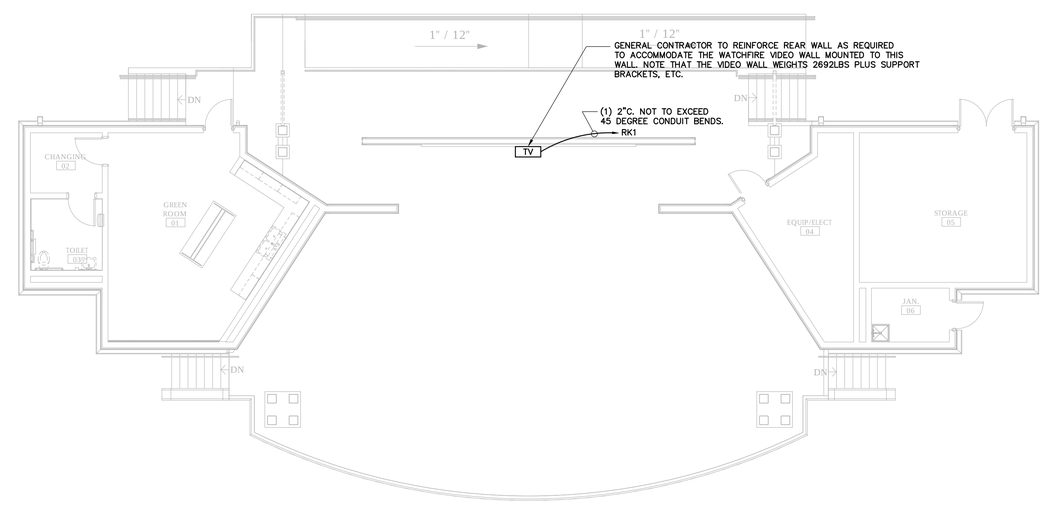
SHEET NOTES:

1. REFER TO AUDIO SPECIFICATION SECTION 260800 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



TRUE NORTH

3 / E3.02 FIRST FLOOR PLAN - SENIOR CENTER ADDITION EQUIPMENT POWER ALTERNATE NO. 1
1/8" = 1'-0"



TRUE NORTH

4 / E3.02 FLOOR PLAN - VIDEO WALL ALTERNATE NO. 4
1/8" = 1'-0"

SHEET NOTES:

1. REFER TO AUDIO SPECIFICATION SECTION 260800 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: FLOOR PLAN - PAVILION & SENIOR CENTER EQUIPMENT POWER

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E3.02

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON

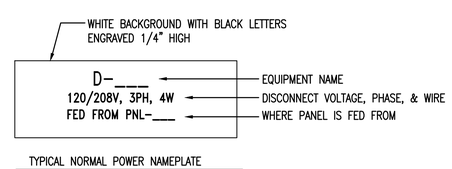
GENERAL EQUIPMENT SCHEDULE 1

EQUIPMENT MARK:	EQUIPMENT DESCRIPTION:	VOLTAGE/PHASE:	ELECTRICAL CHARACTERISTICS:			DISCONNECT:	FUSE:	HOMERUN:	FEEDER:
			HP	KW	AMPS				
CU-1	AIR CONDENSING UNIT	240V., 3PH.	----	----	21.0	60/2/3R	F	RPC# 2,4,6	2#8 & 1#10(G) 1"C.
CU-2	AIR CONDENSING UNIT	240V., 3PH.	----	----	21.0	60/2/3R	F	RPC# 8,10,12	2#8 & 1#10(G) 1"C.
DCU-1	DUCTLESS OUTDOOR UNIT	240V. 1PH.	----	----	17.2	30/2/3R	F	RPC# 10,12	2#10 &1#10(G) 3/4C.
DCU-2	DUCTLESS OUTDOOR UNIT	208V., 1PH.	----	----	19.0	30/2/3R	F	PPTH# 1,3	2#10 &1#10(G) 3/4C.
DCU-3	DUCTLESS OUTDOOR UNIT	208V., 1PH.	----	----	19.0	30/2/3R	F	PPTH# 5,7	2#10 &1#10(G) 3/4C.
DCU-4	DUCTLESS OUTDOOR UNIT	208V., 1PH.	----	----	9.0	30/2/3R	F	PPTH# 9,11	2#12 & 1#12(G) 3/4C.
DSS-1.1	DUCTLESS INDOOR UNIT	240V., 1PH.	----	----	0.25	30/2/1	F	FED BY DCU-1	2#12 & 1#12(G) 3/4C.
DSS-1.2	DUCTLESS INDOOR UNIT	240V., 1PH.	----	----	0.25	30/2/1	F	FED BY DCU-1	2#12 & 1#12(G) 3/4C.
DSS-2	DUCTLESS INDOOR UNIT	240V., 1PH.	----	----	1.0	30/2/1	F	FED BY DCU-2	2#12 & 1#12(G) 3/4C.
DSS-3	DUCTLESS INDOOR UNIT	240V., 1PH.	----	----	1.0	30/2/1	F	FED BY DCU-3	2#12 & 1#12(G) 3/4C.
DSS-4	DUCTLESS INDOOR UNIT	240V., 1PH.	----	----	1.0	30/2/1	F	FEC BY DCU-4	2#12 & 1#12(G) 3/4C.
EF-1	EXHAUST FAN	120V., 1PH.	----	----	0.417	TS		PPTH# 13	2#12 & 1#12(G) 3/4C.
ERV-1	ENERGY RECOVERY UNIT	120V., 1PH.	----	----	10.0	TS		RPC# 14	2#12 & 1#12(G) 3/4C.
ERV-2	ENERGY RECOVERY UNIT	120V., 1PH.	----	----	10.0	TS		RPC# 16	2#12 & 1#12(G) 3/4C.
EUH-1	ELECTRIC UNIT HEATER	120V., 1PH.	----	0.75	----	TS		PPTH# 13	2#12 & 1#12(G) 3/4C.
EWH-1	ELECTRIC WATER HEATER	120V., 1PH.	----	1.50	----	TS		PPTH# 15	2#12 & 1#12(G) 3/4C.
EWH-2	ELECTRIC WATER HEATER	120V., 1PH.	----	1.44	----	TS		PPTH# 17	2#12 & 1#12(G) 3/4C.
EWH-3	ELECTRIC WATER HEATER	120V., 1PH.	----	3.50	----	TS		PPTH# 19	2#12 & 1#12(G) 3/4C.
GFF-1	GAS FIRED FURNACE	120V., 1PH.	----	----	13.3	TS		RPC# 20	2#12 & 1#12(G) 3/4C.
GFF-2	GAS FIRED FURNACE	120V., 1PH.	----	----	13.3	TS		RPC# 22	2#12 & 1#12(G) 3/4C.
GWH-1	INSTANTEOUS GAS WATER HEATER	120V., 1PH.	----	----	4.0	TS		RPC# 22	2#12 & 1#12(G) 3/4C.
RP-1	RECIRCULATION PUMP	120V., 1PH.	1/8	----	----	TS		RPC# 24	2#12 & 1#12(G) 3/4C.
BF-1A	POWER VENTILATION	120V., 1PH.	----	----	0.45	TS		RPC# 26	2#12 & 1#12(G) 3/4C.
BF-1B	POWER VENTILATION	120V., 1PH.	----	----	0.45	TS		RPC# 26	2#12 & 1#12(G) 3/4C.
BF-1C	POWER VENTILATION	120V., 1PH.	----	----	0.45	TS		RPC# 26	2#12 & 1#12(G) 3/4C.
BF-1D	POWER VENTILATION	120V., 1PH.	----	----	0.45	TS		RPC# 26	2#12 & 1#12(G) 3/4C.

NOTES:
1. COORDINATE WITH MANUFACTURER'S CUTSHEETS OR NAMEPLATE DATA AND ADJUST OVERCURRENT PROTECTION AS NEEDED TO PROTECT EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND TO COMPLY WITH NEC AND ALL LOCAL CODES. COORDINATION SHALL BE DONE PRIOR TO BIDS AND ACCOUNTED FOR IN THE CONTRACTOR'S BID PRICE.
2. ALL DISCONNECTS SHALL BE HEAVY DUTY TYPE.
3. ALL FUSES SHALL BE SIZED PER NAMEPLATE DATA.
4. "NF" - NON-FUSED
5. "F" - FUSED
6. "TS" MANUAL MOTOR STARTER WITH THERMAL OVERLOAD ("W" - WEATHERPROOF) ("30-AMP" - 30-AMP RATED)
7. PROVIDE INTERCONNECTING RELAY SUCH THAT FAN IS CONTROLLED BY LIGHTING.
8. "WP" - WEATHERPROOF ENCLOSURE.
9. CONTRACTOR SHALL COORDINATE EXACT REQUIREMENTS AND LOCATIONS FOR ALL CIRCULATING PUMPS AND TIME CLOCKS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

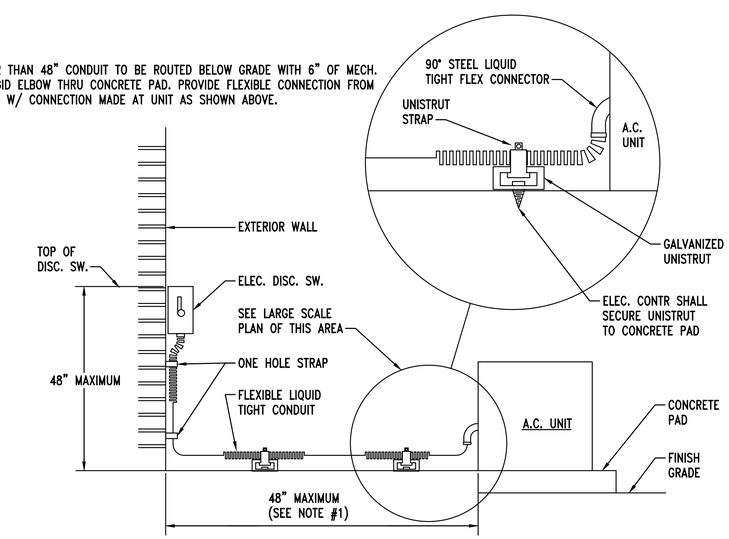
GENERAL NOTES:

1. COORDINATE WITH MECHANICAL/PLUMBING DRAWINGS FOR EXACT LOCATIONS OF EQUIPMENT.
2. MOUNT EXTERIOR DISCONNECTS ON EXTERIOR WALLS AT LEAST 18" FROM WINDOWS. LOCATIONS OF DISCONNECTS AND EQUIPMENT ARE SHOWN FOR DRAWING CLARITY PURPOSES ONLY.
3. COORDINATE WITH MECHANICAL/PLUMBING CONTRACTORS TO INSURE OVERCURRENT PROTECTION DEVICES FOR THEIR EQUIPMENT IS SIZED PER MANUFACTURER'S RECOMMENDATIONS. ENGINEER SIZED OVERCURRENT PROTECTION ACCORDING TO MECHANICAL/PLUMBING DRAWINGS AND SPECIFICATIONS, ACTUAL EQUIPMENT SUPPLIED MAY DIFFER. ELECTRICAL CONTRACTOR SHALL WORK WITH OTHER TRADE DISCIPLINES TO INSURE ANY CHANGES WILL BE INSTALLED CORRECTLY AT THE COST OF THE PERSON MAKING THE CHANGES.
4. ALL FLEXIBLE CONNECT TO HVAC UNITS SHALL BE RUN PARALLEL TO HARD SURFACE AND STRAPPED AT LEAST EVERY 2'.
5. CONTRACTOR SHALL PROVIDE CONDUIT FOR MECHANICAL CONTROLS. COORDINATE EXACT LOCATIONS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
6. ALL DISCONNECTS TO HAVE NAMEPLATE AS SHOWN IN DETAIL (2) THIS SHEET, NO EXCEPTIONS.
7. PROVIDE DEDICATED NEUTRALS FOR EACH MULTIWIRE HOMERUN PER NEC.
8. COORDINATE WITH GENERAL EQUIPMENT SCHEDULES ON THIS SHEET FOR CIRCUITRY OF ALL EQUIPMENT TAGGED ON THIS SHEET.
9. SEE DETAIL 1 THIS SHEET FOR MECHANICAL UNIT CONNECTION DETAIL.



1 / E3.03 DETAIL - TYPICAL DISCONNECT NAMEPLATE
NO SCALE

NOTE:
1. FOR DISTANCE GREATER THAN 48" CONDUIT TO BE ROUTED BELOW GRADE WITH 6" OF MECH. UNIT, STUB-UP W/ RIGID ELBOW THRU CONCRETE PAD. PROVIDE FLEXIBLE CONNECTION FROM ELBOW TO MECH. UNIT, W/ CONNECTION MADE AT UNIT AS SHOWN ABOVE.



2 / E3.03 MECHANICAL UNIT CONNECTION DETIAL
NO SCALE

ALABASTER
AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA REGISTERED NO. 26988 PROFESSIONAL 10-27-23 ENGINEER KENNETH RAY GUNN, JR.

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: EQUIPMENT SCHEDULE

PROJECT NUMBER:	2904
CHECKED BY:	KRG
ISSUE DATE:	10/27/23
DRAWN BY:	FJP

E3.03

LIGHTING FIXTURE SCHEDULE

TYPE:	MANUFACTURER NUMBER AND EQUALS:	VOLTAGE:	MOUNTING:	LAMP TYPE:	LAMP QUANTITY:	DESCRIPTION:
EM	BARRON NO. TRL-ACEM-XX-CL OR EQUAL BY HUBBELL OR LIFE SAFETY LIGHTING	120	WALL	L.E.D.	1 10 WATTS	WALL MOUNTED EMERGENCY LIGHTING UNIT WITH SELF-CONTAINED EMERGENCY BATTERY, MATCH EXISTING FINISH OF EXTERIOR EMERGENCY LIGHTING UNIT ON EXISTING BUILDING.
FL1	COOPER NO. VFS-K-B40-5-LED-E1-EST-XX-8040 OR EQUAL BY HUBBELL OR PHILIPS	120	GRADE	L.E.D.	1 5000 LUMEN 45 WATTS	CONCRETE BASE MOUNTED FLAG POLE LIGHT. U.L LISTED FOR WET LOCATIONS AS SELECTED BY ARCHITECT. PROVIDE MOUNTING ACCESSORIES AS REQUIRED FOR YOKE AIMING. PROVIDE 18"X18"X24" DEEP CONCRETE BASE MOUNTED FLUSH TO GRADE.
H1	CHAUVET PROFESSIONAL NO. COLORADO 3 SOLO OR EQUAL	120	BAR	L.E.D.	RGBW 187 WATTS	THEATRICAL BAR MOUNTED RGBW LUMINAIRE WITH ZOOM. PROVIDE WITH C-CLAMP MOUNTING ACCESSORIES.
L4	COOPER NO. 4SNLED-LD5-44SL-UNV-L835-CD-1 OR EQUAL BY HUBBELL OR ADVANTAGE	120	SURFACE	L.E.D.	1 4300 LUMEN 31 WATTS	SURFACE MOUNTED 4'-0"L., L.E.D. STRIP LUMINAIRE, WHITE BODY, FROSTED LENS.
L4B	COOPER NO. 4SNLED-LD5-85HL-UNV-L840-CD1-U OR EQUAL BY HUBBELL OR ADVANTAGE	120	SURFACE	L.E.D.	1 8400 LUMEN 62 WATTS	SURFACE MOUNTED 4'-0"L., L.E.D. STRIP LUMINAIRE, WHITE BODY, FROSTED LENS. U.L. LISTED FOR DAMP LOCATIONS. HOUSING COLOR SELECTED BY ARCHITECT.
LG48	COOPER NO. 24CZSCT3-UNV OR EQUAL BY HUBBELL OR FOCAL POINT	120	RECESSED	L.E.D.	1 5000 LUIMEN 34 WATTS	RECESSED MOUNTED L.E.D. TROFFER, CENTER FROSTED LENS, WHITE BODY.
LG48A	COOPER NO. 24FP4735C OR EQUAL BY HUBBELL OR PARKER LIGHTING	120	RECESSED	L.E.D.	1 4600 LUMEN 41 WATTS	RECEESSED MOUNTED L.E.D. FLAT PANEL, 2'x4' LAY-IN, WHITE BODY.
LG72	COOPER NO. 24CZSCT3-UNV OR EQUAL BY HUBBELL OR FOCAL POINT	120	RECESSED	L.E.D.	1 6500 LUMEN 45 WATTS	RECESSED MOUNTED L.E.D. TROFFER, CENTER FROSTED LENS, WHITE BODY.
LG72A	COOPER NO. 24FP6435C OR EQUAL BY HUBBELL OR PARKER LIGHTING	120	RECESSED	L.E.D.	1 6000 LUMEN 60 WATTS	RECEESSED MOUNTED L.E.D. FLAT PANEL, 2'x4' LAY-IN, WHITE BODY.
LR1	COOPER NO. HC6-30-D010-HM6-3040-835-61-WD-W-WF OR EQUAL BY HUBBELL OR LITELINE	120	RECESSED	L.E.D.	1 3000 LUMEN 29 WATTS	RECESSED MOUNTED L.E.D. DOWNLIGHT, 6" APERTURE, WHITE TRIM RING.
LR2	COOPER NO. HC6-20-D010-HM6-0525-835-61-WD-W-WF OR EQUAL BY HUBBELL OR LITELINE	120	RECESSED	L.E.D.	1 2000 LUMEN 21 WATTS	RECESSED MOUNTED L.E.D. DOWNLIGHT, 6" APERTURE, WHITE TRIM RING. U.L. LISTED FOR WET LOCATIONS.
LS1	COOPER NO. TT-D4-840-3-WQ-XX OR EQUAL BY HUBBELL OR PHILIPS	240	SURFACE	L.E.D.	1 8000 LUMEN 58 WATTS	SURFACE MOUNTED L.E.D. CANOPY LUMINAIRE, U.L. LISTED FOR WET LOCATIONS, FROSTED LENS, COORDINATE COLOR WITH ARCHITECT AND MOUNTING WITH CANOPY FRAME
LW2	COOPER NO. IST-SA1-E-740-U-T4FT-XX OR EQUAL BY HUBBELL OR RAYON	120	WALL	L.E.D.	1 7000 LUMEN 59 WATTS	WALL MOUNTED L.E.D. LUMINAIRE, TYPE IV FORWARD THROW, COLOR AS SELECTED BY ARCHITECT, U.L. LISTED WET LOCATOINS.
LW3	VISA LIGHTING NO. OW1043-L40K-MVOLT-XX OR EQUAL BY HUBBELL OR BETA CALCO	120	WALL	L.E.D.	1 1600 LUMEN 19 WATTS	WALL MOUNTED L.E.D. WALL SCONCE, 2'-0" TALL, FROSTED LENS, U.L. LISTED FOR WET LOCATIONS, U.L. L
LW4	SPECTRUM LIGHTING NO. EB0910GV-27L-40K-EX-TF1-CP6/RMD-XX-WLKA MOUNTING ARM CP104PA23 OR EQUAL	120	WALL	L.E.D.	1 2700 LUMEN 18 WATTS	WALL MOUNTED L.E.D.LUMINAIRE, U.L. LISTED FOR WET LOCATIONS, PROVIDE WITH FROSTED LENS, DECORATIVE ARM MOUNT. COLOR AS SELECTED BY ARCHITECT. PROVIDE REMOTE MOUNTED DRIVER.
PD1	COOPER NO. HCC6S-30-D010-XX-XX-HM6C-3040-840-61-WD-C- OR EQUAL BY HUBBELL OR FOCAL POINT	120	PENDANT	L.E.D.	1 3000 LUMEN 29 WATTS	PENDANT MOUNTED L.E.D. CYLINDER LUMINAIRE, 6" APERTURE, COORDINATE FINISH COLOR WITH ARCHITECT.
PL1	COOPER NO. MEM-F03-LED-E1-T2-SO-SN-XX-740 OR EQUAL BY HUBBELL OR PHILIPS	120	POLE	L.E.D.	1 7000 LUMEN 78 WATTS	POLE MOUNTED DECORATIVE L.E.D. LUMINAIRE, TYPE II DISTRIBUTION, MOUNTED ON 15'-0" POLE WITH FLUSH CONCRETE BASE, POLE SHALL MEET IBC WIND RATINGS FOR THIS REGION. PROVIDE STRAIGHT STEEL ROUND POLE.
PL2	COOPER NO. GLEON-SA3C-840-3-5WQ-BK OR EQUAL BY HUBBELL OR PHILIPS	240	POLE	L.E.D.	1 22744 LUMEN 191 WATTS	POLE MOUNTED SINGLE HEAD L.E.D. LUKMINAIRE, TYPE 5 WIDE DISTRIBUTION, MOUNTED ON 15'-0" POLE, SQUARE STRAIGHT POLE, POLE SHALL MEET IBC WIND LOAD REQUIREMENTS FOR THIS REGION.
T1	CAPATIBLE WITH TYPE H1 LUMINAIRE.	120	PENDANT			PENDANT MOUNTED THEATRICAL TRACK, SINGLE CIRCUIT, LENGTH AS SHOWN ON DRAWINGS
XA	BARRON NO. S902-WB-SR-XX-XX-AG OR EQUAL BY HUBBELL OR LIFE SAFETY LIGHTING	120	WALL	L.E.D.	1 3 WATTS	WALL MOUNTED SINGLE FACE EXIT SIGN, CLEAR BODY BRUSHED ALUMINUM BODY, MATCH EXISTING COLOR.

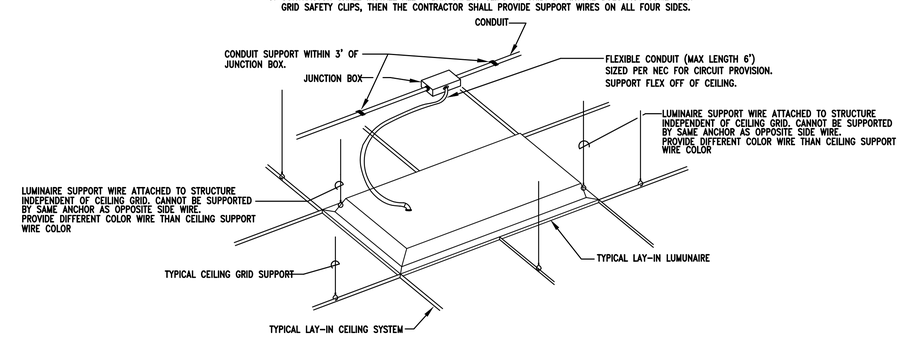
NOTES:
1. ARCHITECT RESERVES THE RIGHT TO SELECT ALL COLORS OR MAKE CUSTOM COLOR DURING SHOP DRAWING REVIEW. BID ACCORDINGLY.
2. COORDINATE MOUNTING OF ALL LUMINAIRES WITH ARCHITECTURAL ELEVATIONS PRIOR TO INSTALLATION
3. PROVIDE EMERGENCY BATTERY BALLAST FOR ALL EMERGENCY TYPE FIXTURES CAPABLE OF 90-MINUTES.
4. ALL INTERIOR LIGHTS SHALL HAVE 3500K TEMPERTURE LAMPS, UNLESS NOTED OTHERWISE.
5. PROVIDE ALL 0-10V DIMMING BRANCH CIRCUITING REQUIRED.

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
1200 Providence Park, Suite 200
Birmingham, AL 35242
Tel: 334.285.1273
GA#23-001

TURNERBATSON

NOTES:

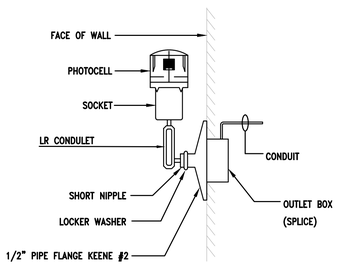
1. ALL RECESSED LUMINAIRES SHALL BE WIRED FROM A JUNCTION BOX AS SHOWN, INCLUDING LUMINAIRES IN A CONTINUOUS ROW. NO WIRING THRU FIXTURES. NO MORE THAN TWO LUMINAIRES SHALL BE CIRCUITED TO ONE JUNCTION BOX.
2. LUMINAIRE SUPPORT WIRES TO BE A MINUMUM OF #14 GAGE PRE-STRAINED GALVINIZED WIRE ATTACHED AT OPPOSITE CORNERS. LUMINAIRE SHALL BE SUPPORTED TO THE STRUCTURE INDEPENDENT OF THE CEILING GRID.
3. CONDUCTORS IN FLEXIBLE CONDUIT FROM JUNCTION BOX TO LUMINAIRE SHALL CONTAIN AN INSULATED GREEN GROUND WIRE, WITH NEUTRAL AND PHASE CONDUCTORS REQUIRED FOR THE CIRCUITING AND SWITCHING REQUIREMENTS INDICATED.
4. JUNCTION BOXES SHALL BE ACCESSIBLE AND LOCATED WITHIN 1'-6" ABOVE LAY-IN CEILING INSTALLATION. PROVIDE PENDANT ALL-THREAD RODS AND/OR STRUT ASSEMBLIES TO MEET THIS REQUIREMENT WHERE DROP CEILING IS MORE THAN 1'-6" FROM STRUCTURE.
5. CONTRACTOR SHALL INSTALL ALL T-BAR SAFETY CLIPS TO GRID. IF FIXTURE DOES NOT COME WITH GRID SAFETY CLIPS, THEN THE CONTRACTOR SHALL PROVIDE SUPPORT WIRES ON ALL FOUR SIDES.



1 / E4.01 DETAIL - TYPICAL LAY-IN LUMINAIRE INSTALLATION

NO SCALE

1. PAINT CONDUIT NIPPLE, SOCKET AND PIPE FLANGE WITH TWO COATS OF ENAMEL.
2. COMPLETE ASSEMBLY TO BE UL LISTED FOR WET LOCATIONS.
3. PHOTOCELL TO BE MOUNTED FACING NORTH FREE FROM ALL SHADOWS WHICH MIGHT CAUSE PHOTOCELL TO TURN LIGHTS ON EARLY. CONTRACTOR SHALL COORDINATE PROPER MOUNTING LOCATION PRIOR TO INSTALLATION.



2 / E4.01 DETAIL - INSTALLATION OF PHOTO-CELL

NO SCALE

LUMINAIRE NOTES:

1. ALL LUMINAIRES AND INSTALLATION SHALL BE IN ACCORDANCE WITH NEC, NFPA AND LOCAL CODES. ALL LUMINAIRES SHALL BE UL LISTED AND INSTALLED IN ACCORDANCE WITH THE UL LISTING.
2. LUMINAIRES SHALL BE FURNISHED COMPLETE WITH THE PROPER LAMP BASE OR PIN RECEPTORS, WIRING COMPONENTS, LAMPS, SUPPORTING FRAMES AND DEVICES, ETC., FOR A COMPLETE INSTALLATION.
3. ALL LUMINAIRE DEVICES, COMPONENTS, FITTINGS, SUPPORTS, ETC., SHALL BE COORDINATED TO PROVIDE A COMPLETE UL LISTED INSTALLATION.
4. ALL LUMINAIRES BALLAST, DRIVERS, LAMPS, ETC SHALL BE COMPATIABLE WITH THE LIGHTING CONTROL SYSTEM OR DIMMING CONTROL SYSTEM PROVIDED.
6. SECURE EACH LAY-IN LUMINAIRE AT TWO LOCATIONS TO THE CEILING GRID. PROVIDE BOLTS, SCREWS, RIVETS OR APPROVED CLIPS FOR USE WITH THE TYPE CEILING AND LUMINAIRE INSTALLED.
7. ALL LUMINAIRES IN MECHANICAL AND ELECTRICAL ROOMS SHALL BE INSTALLED TO CLEAR ELECTRICAL EQUIPMENT, DUCT, PIPING, ETC., SUSPEND BELOW OBSTRUCTION WHEN CONFLICTS OCCUR.
8. ALL FLUORESCENT LUMINARIES SHALL BE PROVIDED WITH 3500K COLOR TEMPERATURE LAMPS, UNLESS NOTED OTHERWISE.
9. PROVIDE ALL DUAL SWITCHED LUMINAIRES WITH DUAL BALLAST.
10. LUMINAIRES WITH TWO SUB-SCRIPTS AN "a" AND "b" SHALL HAVE OUTSIDE TWO LAMPS CONTROLLED BY SWITCH OR RELAY POLE "a" AND INSIDE LAMP OR LAMPS CONTROLLED BY SWITCH OR RELAY POLE "b". SIMILARLY FOR OTHER SETS OF SUB-SCRIPTS SUCH AS "c, d, e, f, ETC."
11. ARCHITECT RESERVES THE RIGHT TO SELECT ALL COLORS FOR LUMINAIRES, POLES, MOUNTING ACCESSORIES, ETC. DURING SHOP DRAWING REVIEW.
12. COORDINATE LUMINAIRE MOUNTING WITH ARCHITECTURAL ELEVATIONS PRIOR TO INSTALLATION.
13. PROVIDE ALL EXIT SIGNS WITH DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS.
14. CONTRACTOR SHALL PROVIDE ALL SLOPE ADAPTERS, FLANGE KITS, TRIMS, AND ALL OTHER MOUNTING ACCESSORIES AS NEEDED TO MOUNT EACH LUMINAIRE IN CEILINGS AS SHOWN. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLANS.
15. ALL EXIT SIGNS AND LUMINAIRES DESIGNATED AS EMERGENCY SHALL BE PROVIDED WITH A MINIMUM 1100 LUMEN EMERGENCY BATTERY BALLAST CAPABLE OF 90 MINUTES OF ILLUMINATION.

ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA REGISTERED NO. 26988 PROFESSIONAL ENGINEER 10-27-23 KENNETH RAY GUNN, JR.

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: LUMINAIRE SCHEDULE AND NOTES

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E4.01

PANEL - RPC

TYPE: 200 AMP MAIN CIRCUIT BREAKER | AIC: 42,000 AMPERES | MOUNTED: SURFACE | VOLTAGE: 120/240 VOLTS, 1 PHASE, 3 WIRE

CIRCUIT DIRECTORY	(VA) PER PHASE PHASE A	(VA) PER PHASE PHASE B	AMP	POLE	CIRCUIT NUMBER		AMP	POLE	(VA) PER PHASE PHASE A	(VA) PER PHASE PHASE B	CIRCUIT DIRECTORY
LIGHTS	610		20	1	1	2	50		3,780		CU-1
LIGHTS		1,007	20	1	3	4		2		3,780	
LIGHTS	669		20	1	5	6	50		3,780		CU-2
SPARE			20	1	7	8		2		3,780	
SPARE			20	1	9	10	30		2,064		DCU-1
SPARE			20	1	11	12		2		2,064	
RECEPT	800		20	1	13	14	20	1	1,200		ERV-1
RECEPT		600	20	1	15	16	20	1		1,200	ERV-2
EWC	750		20	1	17	18	20	1	1,500		GFF-1
EWC		750	20	1	19	20	20	1		1,500	GFF-2
RECEPT	600		20	1	21	22	20	1	480		GWH-1
MICROWAVE		1,000	20	1	23	24	20	1		696	RP-1
DISHWASHER	600		20	1	25	26	20	1	216		BF-1A,1B,1C,1D
REGRIGERATOR		1,000	20	1	27	28	50				SPARE
RECEPT	400		20	1	29	30		2			
RECEPT		400	20	1	31	32	50	1			BUSSED SPACED
CF	400		20	1	33	34	50	1			BUSSED SPACED
CF		400	20	1	35	36	50	1			BUSSED SPACED
CF	400		20	1	37	38	50	1			BUSSED SPACED
SPARE			20	1	39	40	50	1			BUSSED SPACED
SPRE			20	1	41	42	50	1			BUSSED SPACED
SUB TOTAL (VA)	5,229	5,157							13,020	13,020	SUB TOTAL (VA)

TOTAL LOAD PHASE A: 18,249 (VA)
TOTAL LOAD PHASE B: 18,177 (VA)
TOTAL LOAD: 36,426 (VA) = 152 AMPS

NOTES:
1. PANELOBOARD SHALL BE BOLT ON TYPE.
2. PROVIDE PANEL WITH NAME PLATE INDICATING AIC RATING.
3. PROVIDE ARC FAULT LABEL PER DETAIL.

PANELBOARD MP1A

TYPE: 600 AMP MCB | AIC: 42,000 AMPERES | MOUNTED: UNISTRUT | VOLTAGE: 120/208 VOLTS, 3 PHASE, 4 WIRE

CIRCUIT DIRECTORY	(VA) PER PHASE PHASE A	(VA) PER PHASE PHASE B	(VA) PER PHASE PHASE C	AMP	POLE	CIRCUIT NUMBER		AMP	POLE	(VA) PER PHASE PHASE A	(VA) PER PHASE PHASE B	(VA) PER PHASE PHASE C	CIRCUIT DIRECTORY
PPTH	32,457			400		1	2	200					SPARE
		24,617				3	4						
			30,241		3	5	6		3				
EX.MP1	12,000			200		7	8	100					SPARE
		12,000				9	10						
			12,000		3	11	12		3				
BUSSED SPACE				400		13	14	400					BUSSED SPACE
						15	16						
					3	17	18		3				
BUSSED SPACE				250		19	20	250					BUSSED SPACE
						21	22						
					3	23	24		3				
	44,457	36,617	42,241							0	0	0	

TOTAL LOAD PHASE A: 44,457 (VA)
TOTAL LOAD PHASE B: 36,617 (VA)
TOTAL LOAD PHASE C: 42,241 (VA)
TOTAL LOAD: 123,315 (VA) = 343 AMPS

NOTES:
1. PANELBOARD SHALL BE UL LISTED FOR SERVICE ENTRANCE.
2. PROVIDE WITH INTEGRAL TVSS WITH 160,000 AMPS PER MODE PROTECTION.
3. PROVIDE PANELBOARD WITH INTEGRAL GROUND FAULT MONITORING.
4. MAIN BREAKER SHALL BE 100% (FULLY) RATED.
5. PROVIDE PANEL WITH NAME PLATE INDICATING AIC RATING. SEE DETAILS.
6. PROVIDE ARC FAULT LABEL PER DETAIL DETAILS.
7. PROVIDE IN NEMA 3R ENCLOSURE.

PANEL - PPTH

TYPE: 400 AMP MAIN BREAKER | AIC: 42,000 AMPERES | MOUNTED: SURFACE | VOLTAGE: 120/208 VOLTS, 3 PHASE, 4 WIRE

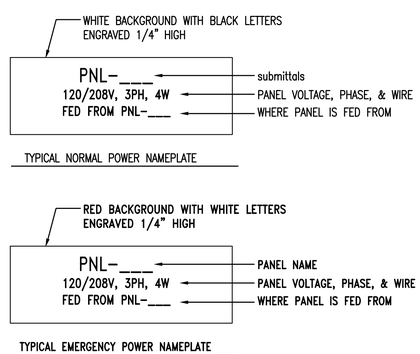
CIRCUIT DIRECTORY	(VA) PER PHASE PHASE A	(VA) PER PHASE PHASE B	(VA) PER PHASE PHASE C	AMP	POLE	CIRCUIT NUMBER		AMP	POLE	(VA) PER PHASE PHASE A	(VA) PER PHASE PHASE B	(VA) PER PHASE PHASE C	CIRCUIT DIRECTORY
DCU-2	1,976			30		1	2	150		9,573			RPTH
		1,976			2	3	4				10,255		
DCU-3			1,976	30		5	6		3			8,437	
	1,976				2	7	8	100		7,200			RPSTAGE
DCU-4		936		20		9	10				7,200		
			936		2	11	12		3			7,200	
EF-1	100			20	1	13	14	150					BUSSED SPACE
EUH-1		750		20	1	15	16						
EWH-1			1,500	20	1	17	18		3				
EWH-2	1,440			20	1	19	20	150					BUSSED SPACE
EWH-3		3,500		40	1	21	22						
TV			10,192	100		23	24		3				
	10,192				2	25	26	50	1				BUSSED SPACE
SPARE				30		27	28	50	1				BUSSED SPACE
					2	29	30	50	1				BUSSED SPACE
SPARE				20	1	31	32	50	1				BUSSED SPACE
SPARE				20	1	33	34	50	1				BUSSED SPACE
SPARE				20	1	35	36	50	1				BUSSED SPACE
SPARE				20	1	37	38	50	1				BUSSED SPACE
SPARE				20	1	39	40	50	1				BUSSED SPACE
SPARE				20	1	41	42	50	1				BUSSED SPACE
SUB TOTAL (VA)	15,684	7,162	14,604							16,773	17,455	15,637	SUB TOTAL (VA)

TOTAL LOAD PHASE A: 32,457 (VA)
TOTAL LOAD PHASE B: 24,617 (VA)
TOTAL LOAD PHASE C: 30,241 (VA)
TOTAL LOAD: 87,315 (VA) = 243 AMPS

NOTES:
1. PANELBOARD SHALL BE UL LISTED FOR SERVICE ENTRANCE.
2. PROVIDE WITH INTEGRAL TVSS WITH 160,000 AMPS PER MODE PROTECTION.
3. PROVIDE PANELBOARD WITH INTEGRAL GROUND FAULT MONITORING.
4. MAIN BREAKER SHALL BE 100% (FULLY) RATED.
5. PROVIDE PANEL WITH NAME PLATE INDICATING AIC RATING. SEE DETAILS.
6. PROVIDE ARC FAULT LABEL PER DETAIL DETAILS.

PANELBOARD NOTES:

1. PANELBOARDS SHALL BE INSTALLED AND ALL CLEARANCES MAINTAINED IN ACCORDANCE WITH THE NEC.
2. ALL PANELBOARDS SHALL BE UL LISTED AND INSTALLED IN ACCORDANCE WITH THAT LISTING.
3. PANELBOARDS SHALL BE FURNISHED COMPLETE WITH THE PROPERLY SIZED ENCLOSURE, INTERNAL HARDWARE, COMPONENTS, SUPPORTING STRUCTURES, ETC., FOR A COMPLETE INSTALLATION.
4. FURNISH EACH PANELBOARD WITH A GROUND BAR BONDED TO THE PANEL ENCLOSURE.
5. THE TERMINATION POINT OF THE FEEDER SERVING EACH ASSEMBLY SHALL BE AT THE NEAREST POINT OF FEEDER ENTRY INTO THE PANEL, SO AS TO MINIMIZE CONDUCTOR FILL IN THE ENCLOSURE. COORDINATE TOP/BOTTOM FEED PANELBOARD PROVISIONS WITH EACH FEEDER INSTALLATION.
6. PROVIDE THE PROPER SIZE AND QUANTITY OF CONDUCTOR TERMINATION POINTS OR LUGS (MULTIPLE LUGS WHEN PARALLEL FEEDERS ARE USED) ON BUSES AND CIRCUIT BREAKERS FOR THE RESPECTIVE SIZE AND NUMBER OF CONDUCTORS INDICATED.
7. ALL FLUSH-MOUNTED PANELBOARDS SHALL BE PROVIDED WITH AT LEAST SIX (6) 3/4" SPARE CONDUITS STUBBED TO ABOVE THE NEAREST ACCESSIBLE CEILING.
8. PANELBOARDS SHALL BE FULLY RATED. SERIES RATED PANELBOARDS WILL NOT BE ACCEPTED.
9. ALL PANELBOARDS SHALL BE CLEARLY MARKED TO COMPLY WITH NEC ARTICLE 110.16 WITH REGARD TO POTENTIAL HAZARDS OF ARC FLASH.
10. ALL PANELBOARDS SHALL BE "DOOR-IN-DOOR" OR "HINGED-FRONT-TRIM" CONSTRUCTION.
11. COMPLY WITH NEC ARTICLE 408.4. PROVIDE A TYPED CIRCUIT DIRECTORY THAT INDICATES WHAT EACH CIRCUIT IS SERVING. FOR LIGHTING AND RECEPTACLE CIRCUITS, INCLUDE THE ROOM NUMBER IN THE CIRCUIT DESCRIPTION ON THE DIRECTORY.
12. EACH PANELBOARD SHALL HAVE A NAMEPLATE AS SHOWN IN DETAIL 1 ON THIS SHEET. ENGINEER WILL NOT PROVIDE FINAL ACCEPTANCE UNTIL THESE NAMEPLATES ARE PROVIDED.
13. MANUFACTURER THAT WILL BE PROVIDING PANELBOARDS ON THIS PROJECT SHALL BE RESPONSIBLE FOR PERFORMING A SHORT CIRCUIT ANALYSIS AND TIME-CURRENT COORDINATION (TCC) STUDY, WHICH DEMONSTRATES THAT THE UPSTREAM OVERCURRENT PROTECTIVE DEVICE NEAREST TO THE FAULT LOCATION WILL OPERATE BEFORE OVERCURRENT PROTECTIVE DEVICES WHICH ARE FURTHER UPSTREAM (I.E. SELECTIVE COORDINATION). INCLUDE COORDINATION STUDY IN THE SHOP DRAWING PACKAGE FOR THE PANELBOARDS FOR REVIEW BY THE ENGINEER OF RECORD. AIC RATINGS MAY BE LOWERED BASED ON STUDY.
14. ALL CIRCUIT BREAKERS 1200 AMPS AND UP SHALL COMPLY WITH NEC ARTICLE 240.87 ARC ENERGY REDUCTION.



1 E4.02 DETAIL - TYPICAL PANELBOARD NAMEPLATE
NO SCALE

NOTES:
1. PROVIDE SELF-ADHESIVE VINYL LABEL TO AFFIX TO ELECTRICAL EQUIPMENT TO WARN OF ARC FLASH HAZARDS.
2. THE LABEL FORMAT AND TEXT SHALL BE IN ACCORDANCE WITH THE FIGURE.
3. THE LABEL SHALL BE LOCATED ON THE EQUIPMENT TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.
4. THE SIZE OF THE LABEL SHALL BE:

EQUIPMENT TYPE	HEIGHT	WIDTH
INDOOR	4"	6"
OUTDOOR	4"	6"

2 E4.02 ARC FLASH WARNING LABELS
NO SCALE

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON

ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: PANELBOARD SCHEDULE AND NOTES

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E4.02

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON

PANEL - RPTH

TYPE: 150 AMP MAIN LUGS | AIC: 42,000 AMPERES | MOUNTED: SURFACE | VOLTAGE: 120/208 VOLTS, 3 PHASE, 4 WIRE

CIRCUIT DIRECTORY	(VA) PER PHASE			AMP	POLE	CIRCUIT NUMBER		AMP	POLE	(VA) PER PHASE			CIRCUIT DIRECTORY
	PHASE A	PHASE B	PHASE C							PHASE A	PHASE B	PHASE C	
LIGHTS	471			20	1	1	2	20	1	400			RECEPT
LIGHTS		719		20	1	3	4	20	1		400		RECEPT
LIGHTS			837	20	1	5	6	20	1			400	RECEPT
LIGHTS	1,000			20	1	7	8	20	1	600			RECEPT
LIGHTS		1,000		20	1	9	10	20	1		600		RECEPT
SPARE				20	1	11	12	20	1			800	RECEPT
RECEPT	400			20	1	13	14	20	1	800			RECEPT
RECEPT		400		20	1	15	16	20	1		800		RECEPT
RECEPT			400	20	1	17	18	20	1			600	RECEPT
RECEPT	400			20	1	19	20	20	1				SPARE
RECEPT		800		20	1	21	22	20	1				SPARE
RECEPT			400	20	1	23	24	20	1			600	RECEPT
RECEPT	400			20	1	25	26	20	1	800			RECEPT
RECEPT		400		20	1	27	28	20	1		600		RECEPT
RECEPT			400	20	1	29	30	20	1			800	RECEPT
RECEPT	400			20	1	31	32	20	1	800			RECEPT
RECEPT		400		20	1	33	34	20	1		800		RECEPT
RECEPT			400	20	1	35	36	20	1			800	RECEPT
RECEPT	400			20	1	37	38	20	1	800			RECEPT
RECEPT		400		20	1	39	40	20			800		IT
RECEPT			400	20	1	41	42		2			800	
RECEPT	400			20	1	43	44	20	1	702			LIGHTS
RECEPT		400		20	1	45	46	20	1		936		LIGHTS
RECEPT			400	20	1	47	48	20	1			400	RECEPT
RECEPT	400			20	1	49	50	20	1	400			RECEPT
RECEPT		400		20	1	51	52	20	1		400		RECEPT
SPARE				20	1	53	54	50	1				BUSSED SPACE
SPARE				20	1	55	56	50	1				BUSSED SPACE
SPARE				20	1	57	58	50	1				BUSSED SPACE
SPARE				20	1	59	60	50	1				BUSSED SPACE
SPARE				20	1	61	62	50	1				BUSSED SPACE
BUSSED SPACE				50	1	63	64	50	1				BUSSED SPACE
BUSSED SPACE				50	1	65	66	50	1				BUSSED SPACE
BUSSED SPACE				50	1	67	68	50	1				BUSSED SPACE
BUSSED SPACE				50	1	69	70	50	1				BUSSED SPACE
BUSSED SPACE				50	1	71	72	50	1				BUSSED SPACE
BUSSED SPACE				50	1	73	74	50	1				BUSSED SPACE
BUSSED SPACE				50	1	75	76	50	1				BUSSED SPACE
BUSSED SPACE				50	1	77	78	50	1				BUSSED SPACE
BUSSED SPACE				50	1	79	80	50	1				BUSSED SPACE
BUSSED SPACE				50	1	81	82	50	1				BUSSED SPACE
BUSSED SPACE				50	1	83	84	50	1				BUSSED SPACE
SUB TOTAL (VA)	4,271	4,919	3,237							5,302	5,336	5,200	SUB TOTAL (VA)

TOTAL LOAD PHASE A: 9,573 (VA)
TOTAL LOAD PHASE B: 10,255 (VA)
TOTAL LOAD PHASE C: 8,437 (VA)
TOTAL LOAD: 28,265 (VA) = 79 AMPS

NOTES:
1. PANELBOARD TO BE BOLT-ON TYPE WITH DOOR-IN-DOOR CONSTRUCTION.
2. PROVIDE ARC FAULT LABEL PER DETAIL.

ALABASTER AMPHITHEATER
ALABASTER, ALABAMA

ALABAMA REGISTERED NO. 26988 PROFESSIONAL ENGINEER KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

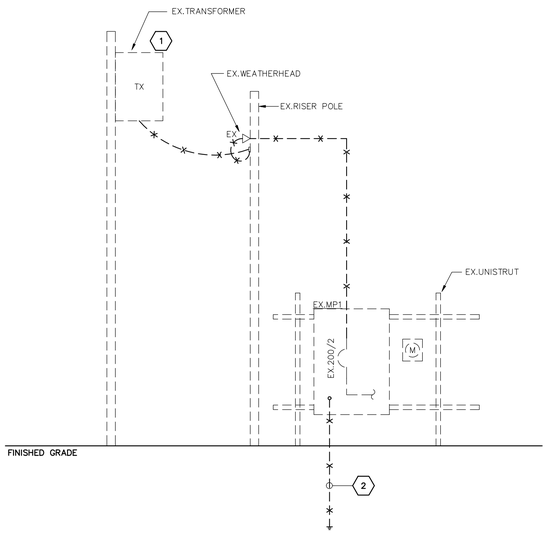
SHEET TITLE: PANELBOARD SCHEDULE AND NOTES

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E4.03

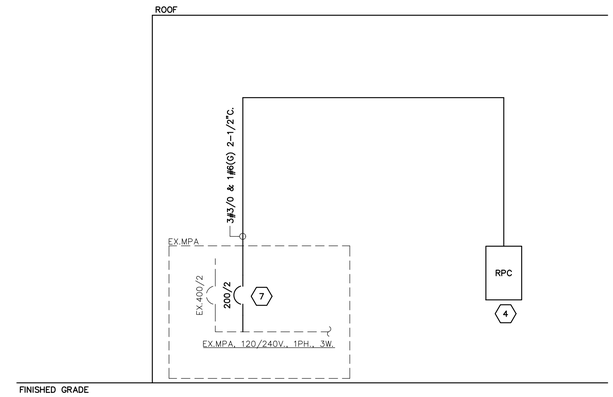
Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON



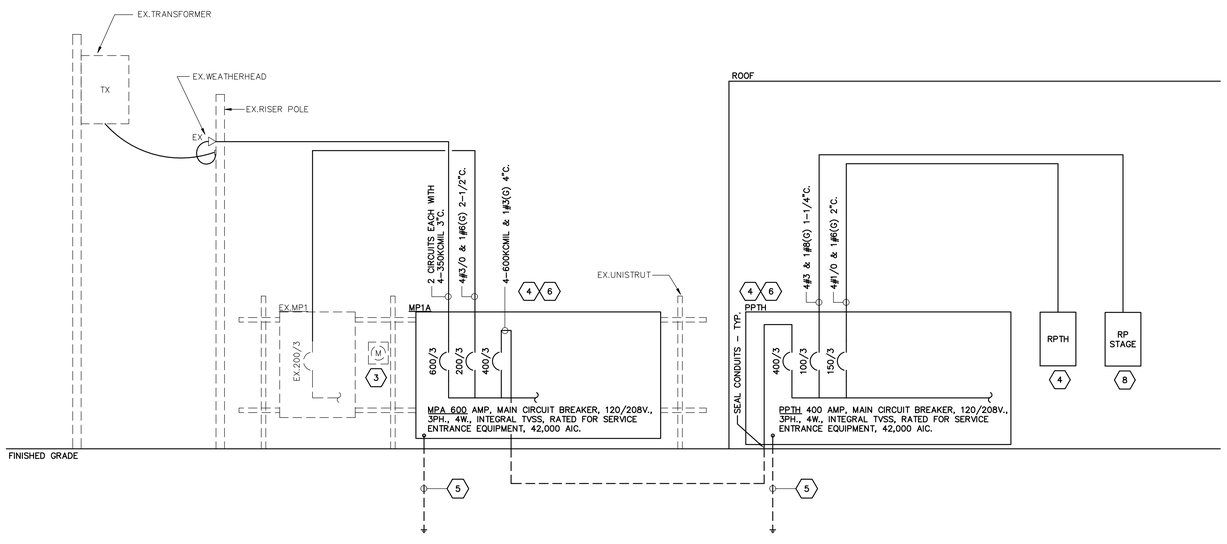
1 E5.01 RISER DIAGRAM POWER DISTRIBUTION - AMPHITHEATER - DEMOLITION

NO SCALE



2 E5.01 RISER DIAGRAM POWER DISTRIBUTION - SENIOR CENTER ALTERNATE NO.1

NO SCALE



3 E5.01 RISER DIAGRAM POWER DISTRIBUTION - AMPHITHEATER - NEW WORK

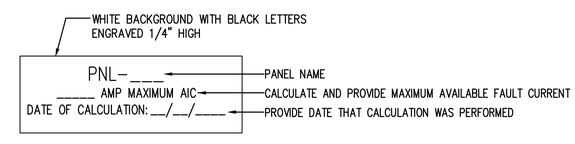
NO SCALE

POWER RISER DIAGRAM NOTES:

1. INSTALLATION AND CONNECTION OF ALL DEVICES SHALL BE IN ACCORDANCE WITH NEC, MANUFACTURER'S RECOMMENDATIONS, AND STATE AND LOCAL CODES.
2. CONTRACTOR IS RESPONSIBLE FOR THE CONNECTING, INSTALLATION, AND MARKING OF ALL POWER FEEDER CONDUCTORS FOR THE PROPER PHASE SEQUENCE AND LOADING . CONTRACTOR SHALL TEST EACH FEEDER AND EQUIPMENT FEEDERS WITH A PHASE METER PRIOR TO CONNECTING LOADS.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND VERIFYING WITH ALL DIVISIONS THE ACTUAL NAMEPLATE DATA OF ALL EQUIPMENT AND DEVICES SUPPLIED ON THIS PROJECT PRIOR TO BID. CONTRACTOR SHALL THEN PROVIDE THE PROPERLY SIZED OVERCURRENT DEVICES (CIRCUIT BREAKERS, CONDUCTORS, DISCONNECTS, FUSES, ETC.) TO PROPERLY PROTECT THE EQUIPMENT PER THE NEC. ENGINEER'S DESIGN BASED ON DATA GIVEN TO HIM BY DESIGNERS OF OTHER DIVISIONS, ACTUAL NAMEPLATE DATA COULD DIFFER.
4. SEAL ALL CONDUITS FROM THE EXTERIOR WITH A SEALING COMPOUND, ONCE ALL CABLING HAS BEEN INSTALLED.
5. PROVIDE 4" CONCRETE HOUSEKEEPING PAD WITH 1" CHAMFER FOR ALL FLOOR MOUNTED TRANSFORMERS AND SWITCHBOARDS.
6. COORDINATE WITH GROUNDING DETAILS ON SHEET E7.02 FOR ALL THE DIFFERENT TYPE GROUNDING REQUIREMENTS.
7. ALL UNDERGROUND SECONDARY FEEDERS SHALL BE A MINIMUM OF 36" BELOW GRADE TO THE TOP OF THE DUCT BANK.
8. ALL UNDERGROUND PRIMARY FEEDERS SHALL BE A MINIMUM OF 48" BELOW GRADE TO THE TOP OF THE CONDUIT.
9. CONTRACTOR SHALL PROVIDE A FULL SIZE COPY OF THE AS-BUILT POWER RISER DIAGRAM FRAMED BEHIND PLEXIGLASS SCREWED TO THE WALL NEAR MAIN SERVICE PANEL.

NOTES:

1. CONTRACTOR SHALL CALCULATE AND PROVIDE NAMEPLATE ON THE SERVICE ENTRANCE EQUIPMENT THAT INDICATES THE MAXIMUM AVAILABLE FAULT CURRENT AND THE DATE THE CALCUALTION WAS PERFORMED. SEE NAMEPLATE REQUIREMENTS BELOW.
2. ELECTRICAL CONTRACTOR SHALL COORDINATE EXISTING ROOM NUMBER WHERE EXISTING MPA, SERVICE 1 IS LOCATED. COORDINATE THIS ROOM NUMBER WITH FINAL NAMEPLATE OF SERVICE.



TYPICAL SERVICE ENTRANCE FAULT CURRENT NAMEPLATE

4 E5.01 DETAIL - SERVICE ENTRANCE FAULT CURRENT NAMEPLATE

NO SCALE

SHEET NOTES:

1. EXISTING UTILITY POLE MOUNTED TRANSFORMER. COORDINATE NEW CONSTRUCTION LOAD WITH EXISTING TRANSFORMER WITH LOCAL UTILITY. ADJUST AS REQUIRED. ADJUST BID ACCORDINGLY.
2. REMOVE EXISTING PANEL MP1 SERVICE ENTRANCE BOND.
3. METER PROVIDE BY UTILITY COMPANY. ELECTRICAL CONTRACTOR TO PROVIDE METER CONDUIT PER UTILITY COMPANY SPECIFICATIONS.
4. SEE PANELBOARD SCHEDULE FOR CIRCUIT BREAKER PROVISIONS.
5. SEE SHEET E5.02 FOR GROUNDING DETAILS.
6. SEE SERVICE ENTRANCE NAMEPLATE DETAIL THIS SHEET.
7. CONNECT TO NEW 200/2 BREAKER IN EXISTING PANELBOARD NOTED. NEW BREAKER SHALL MATCH EXISTING (MANUFACTURER, VOLTAGE, RATINGS, ETC.). PROVIDE NEW AND COMPLETE TYPEWRITTEN BRANCH DIRECTORY.
8. PROVIDE WALL MOUNTED 100AMP COMPANY SWITCH FOR STAGE EQUIPMENT CONNECTION. PROVIDE CAM CONNECTORS. SSRC THEATRICAL DS-100-4W-C

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: POWER RISER DIAGRAM

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E5.01

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

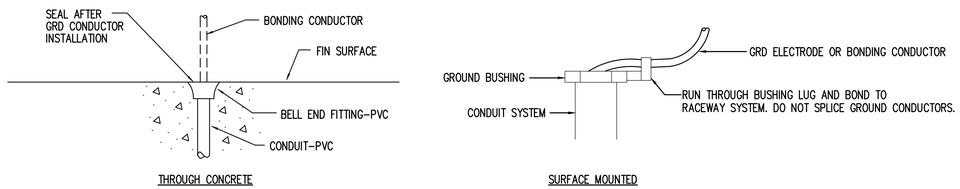
TURNERBATSON

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

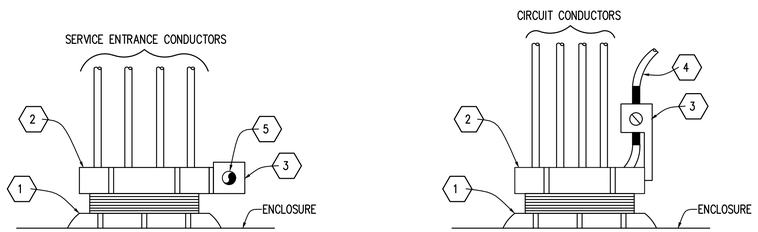
NOTES

1. ALL GROUND ELECTRODE CONDUCTORS, SYSTEM BONDING CONDUCTORS, ETC., RUN SEPARATELY SHALL BE PROTECTED BY A CONDUIT SYSTEM.
2. ALL SYSTEM GROUNDING OR BONDING CONDUCTORS SHALL GENERALLY BE ENCLOSED BY A GRC CONDUIT. PROVIDE GROUND BUSHINGS ON EACH END AND BOND CONDUCTORS TO RACEWAY SYSTEM.
3. SYSTEM BONDING CONDUCTORS THAT PENETRATE CONCRETE SLABS SHALL BE ENCLOSED BY A PVC CONDUIT. PROVIDE BELL END FITTING ON EACH END AND SEAL. THOSE TERMINATING AT A STUB-UP SHALL BE FLUSH WITH FLOOR.



1 / E5.02 DETAIL - TYPICAL GROUND CONDUCTOR IN CONDUIT SYSTEM

NO SCALE



FOR SERVICE ENTRANCE CONDUITS

FOR FEEDER AND/OR BRANCH CIRCUITS

DETAIL NOTES

1. LOCK-NUT ASSEMBLIES
2. METAL GROUNDING BUSHING
3. COPPER GROUND LUG
4. COPPER GROUND CONDUCTOR. REMOVE INSULATION AT BUSHING, RUN THROUGH BUSHING LUG AND BOND TO RACEWAY SYSTEM. DO NOT SPLICE OR TAP.
5. CONTINOUS COPPER GROUND CONDUCTOR FROM GROUND BUS THROUGH EACH BUSHING. DO NOT SPLICE OR TAP.

2 / E5.02 DETAIL - TYPICAL GROUND BUSHING INSTALLATION

NO SCALE

GROUNDING AND BONDING INSTALLATION NOTES

1. ALL GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH THE NEC, NESC, IEEE, ANSI AND UL STANDARDS.
2. ALL DIMENSIONING INDICATED IN THESE DOCUMENTS ARE FOR REFERENCE AND COORDINATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD.
3. THE PURPOSE OF THE GROUNDING AND BONDING SYSTEM IS TO ESTABLISH ALL EQUIPMENT ENCLOSURES, NON-CURRENT CARRYING METALLIC PORTIONS OF THE ELECTRICAL DISTRIBUTION SYSTEM, METAL PIPING, METAL BUILDING FRAME, ETC., AT A ZERO POTENTIAL RELATIVE TO THE EARTH GROUND AND PROVIDE FOR A SAFE, LOW IMPEDANCE RETURN PATH FOR GROUND-FAULT CURRENT. THIS SHALL BE ACCOMPLISHED IN THE FOLLOWING MANNER:
   a. PROVIDE A SOLIDLY GROUNDED SECONDARY SYSTEM.
   b. INTER-CONNECT ALL GROUND BUSES AND POINTS IN THE SYSTEM WITH A COPPER GRD CONDUCTOR (BUS) SYSTEM.
   c. ALL METALLIC RACEWAYS SHALL BE UL APPROVED AND MADE-UP TIGHT AT ALL COUPLINGS AND TERMINATIONS.
   d. ALL GROUND CONDUCTORS IN CIRCUITS SHALL BE CONTAINED WITHIN THE SAME RACEWAY AS CURRENT CARRYING CONDUCTORS.
   e. ALL SPLICES AND TERMINATIONS SHALL BE MADE TIGHT AND AS SUCH TO PROVIDE LOW IMPEDANCE AND SHALL HAVE THE SAME SHORT-TIME CURRENT-CARRYING CAPABILITY AS THE CONDUCTOR IT IS CONNECTED TO.
   f. ALL GRD ELECTRODES OR BONDING CONDUCTORS INSTALLED ALONE WITHIN A RACEWAY SHALL UTILIZE GRC WITH GROUNDING BUSHINGS AT EACH END. THIS GROUND CONDUCTOR SHALL LOOP THROUGH THE BUSHING LUG PRIOR TO TERMINATION.

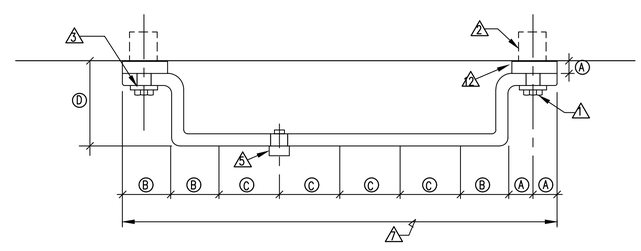
DIMENSION BLOCK		
REF	ENGLISH	SI
A	1"	25.4mm
B	2"	50.8mm
C	2 1/2"	63.5mm
D	3"	76.2mm
E	1'-6"	.4572m

GROUND BUS NOTES

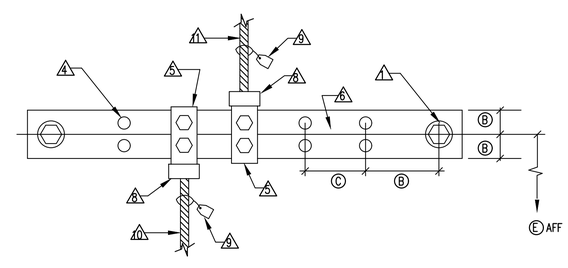
1. GROUND BUS INSTALLATION SHALL BE IN ACCORDANCE WITH THIS DETAIL AND AS INDICATED ON THE DRAWINGS.

KEYED NOTES

1. 1/2" (12.7mm) X 1 1/2" (38.1mm) SILICON-BRONZE MACHINE BOLT & SILICON-BRONZE WASHER
2. 1/2" (12.7mm) EXPANSION ANCHOR
3. 9/16"ø (14.2875mm) HOLE IN BAR
4. DRILLED DOUBLE CONNECTOR HOLES
5. FLAT, TWO-HOLE CU CABLE CONNECTOR #6 TO #2 (DOUBLE LUGS) #1 TO #4/0 (SINGLE LUGS ONLY)
6. 4" (101.6mm) WIDE, 1/4" (6.35mm) DEEP COPPER BUS BAR.
7. LENGTH AS REQUIRED BY NUMBER OF CONDUCTOR CONNECTIONS OR AS SPECIFICALLY INDICATED. PROVIDE INTERMEDIATE WALL SUPPORTS AS REQUIRED.
8. TYP CU GRD CONDUCTOR CONNECTION
9. DESCRIPTION TAG. STATE SIZE OF CONDUCTOR AND TO WHAT IT IS CONNECTED TO.
10. TYP GRD CONNECTION FROM BELOW. SEE APPLICABLE DETAILS FOR SLAB PENETRATIONS.
11. TYP GRD CONNECTION FROM ABOVE. SEE APPLICABLE DETAILS FOR GRC INSTALLATIONS.
12. INSULATED NON-CONDUCTIVE SPACER



PLAN VIEW



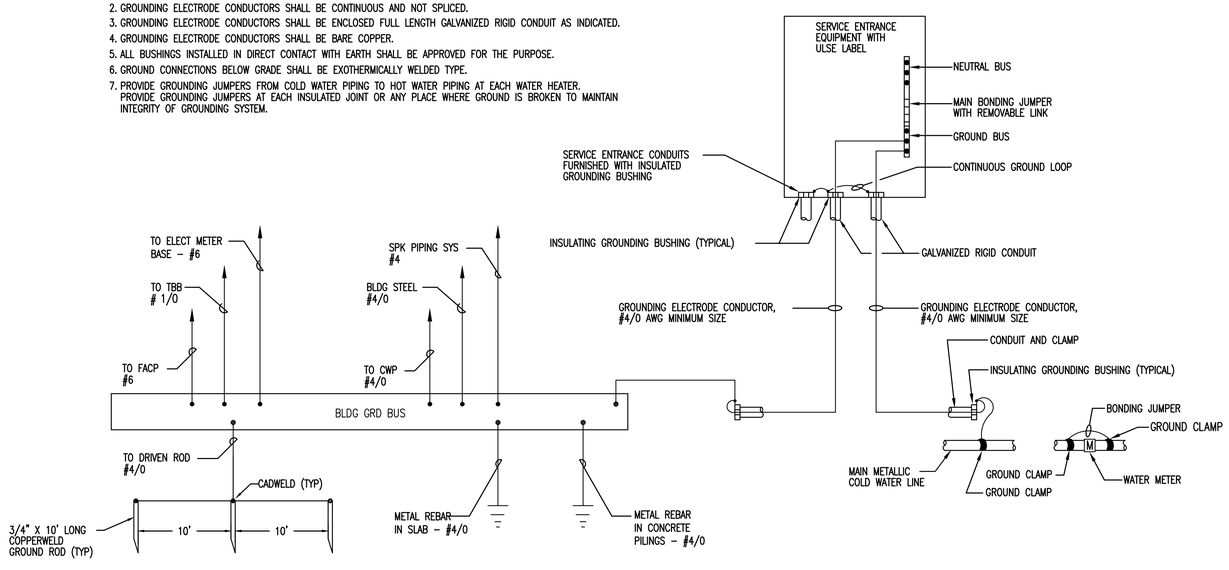
ELEVATION

4 / E5.02 DETAIL - TYPICAL GROUND BUS INSTALLATION

NO SCALE

NOTES

1. GROUNDING ELECTRODE SYSTEM SHALL BE IN ACCORDANCE WITH NEC ARTICLE 250
2. GROUNDING ELECTRODE CONDUCTORS SHALL BE CONTINUOUS AND NOT SPLICED.
3. GROUNDING ELECTRODE CONDUCTORS SHALL BE ENCLOSED FULL LENGTH GALVANIZED RIGID CONDUIT AS INDICATED.
4. GROUNDING ELECTRODE CONDUCTORS SHALL BE BARE COPPER.
5. ALL BUSHINGS INSTALLED IN DIRECT CONTACT WITH EARTH SHALL BE APPROVED FOR THE PURPOSE.
6. GROUND CONNECTIONS BELOW GRADE SHALL BE EXOTHERMICALLY WELDED TYPE.
7. PROVIDE GROUNDING JUMPERS FROM COLD WATER PIPING TO HOT WATER PIPING AT EACH WATER HEATER. PROVIDE GROUNDING JUMPERS AT EACH INSULATED JOINT OR ANY PLACE WHERE GROUND IS BROKEN TO MAINTAIN INTEGRITY OF GROUNDING SYSTEM.



3 / E5.02 DETAIL - SERVICE ENTRANCE GROUNDING INSTALLATION

NO SCALE

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 KENNETH RAY GUNN JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: GROUNDING DETAILS

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E5.02

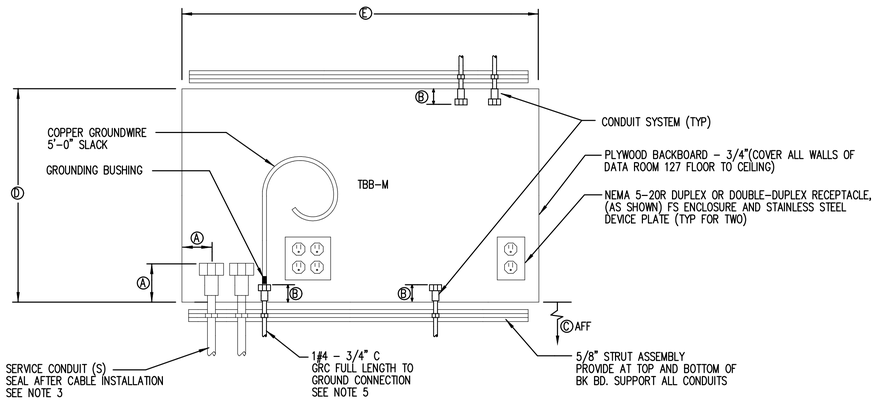
Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON

NOTES:

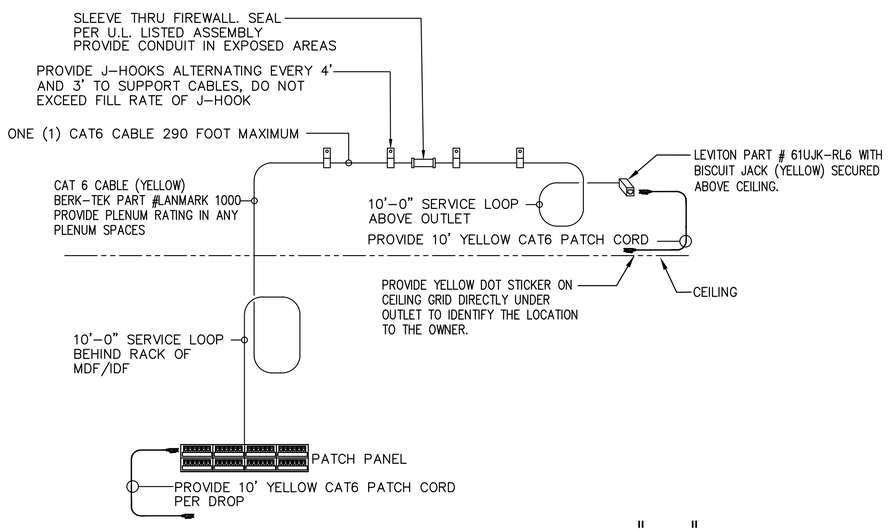
1. ALL EMPTY CONDUITS SHALL BE FURNISHED WITH PULLWIRE.
2. ALL CONDUIT ENDS TO CONTAIN A PLASTIC BUSHING (CONNECTOR AND BUSHING ASSEMBLY WHEN REQUIRED).
3. ALL CONDUITS FROM EXTERIOR OR BELOW GRADE SHALL BE SEALED AFTER CABLE INSTALLATION. COMPOUNDS FOR SEALING DUCTS AND CONDUIT SHALL HAVE A PUTTY-LIKE CONSISTENCY WORKABLE WITH THE HANDS AT TEMPERATURES AS LOW AS 35°F, SHALL NOT SLUMP AT A TEMPERATURE OF 300°F, AND SHALL NOT HARDEN MATERIALLY WHEN EXPOSED TO THE AIR.
4. PLYWOOD SHALL BE 3/4" EXTERIOR RATED AND CUT TO SIZE AS INDICATED. PAINT WITH TWO COATS OF FIRE RETARDENT PAINT.
5. THE GROUND CONNECTION SHALL BE MADE TO THE BUILDING GROUNDING SYSTEM TO ESTABLISH EQUAL POTENTIAL WITH THE GROUND ELECTRODE SYSTEM.

DIMENSION BLOCK	
REF	ENGLISH
A	0'-3"
B	0'-1"
C	2'-0"
D	4'-0"
E	8'-0"

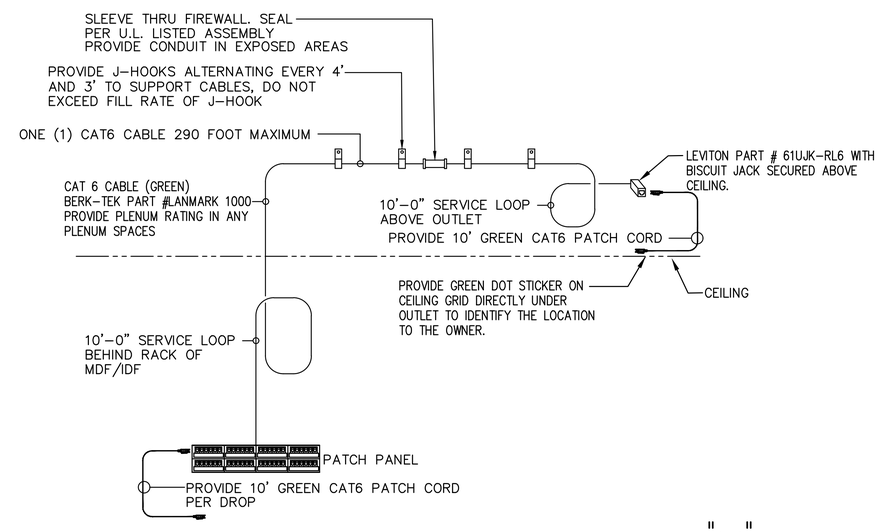


1 / E6.01 DETAIL - COMMUNICATIONS SYSTEM BACKBOARD PROVISIONS
NO SCALE

* NOTE: EXTERIOR CAMERAS PROVIDE SINGLE GANG JUNCTION BOX WITH 3/4" CONDUIT STUBBED TO ABOVE INTERIOR CEILING. COORDINATE EXTERIOR CAMERA KEYSTONE LOCATION WITH OWNER PRIOR TO INSTALLATION



2 / E6.01 DETAIL - TYPICAL SECURITY CAMERA OUTLET "CCTV"
NO SCALE



3 / E6.01 DETAIL - TYPICAL WIRELESS ACCESS POINT OUTLET "W"
NO SCALE

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED PROFESSIONAL ENGINEER NO. 26988 10-27-23 KENNETH RAY GUNN JR.

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:		
No	Date	Description

SHEET TITLE: AUXILIARY DETAILS

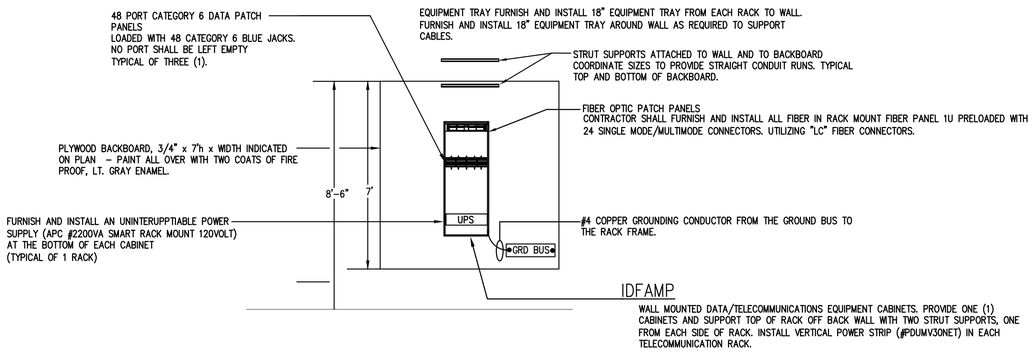
PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E6.01

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

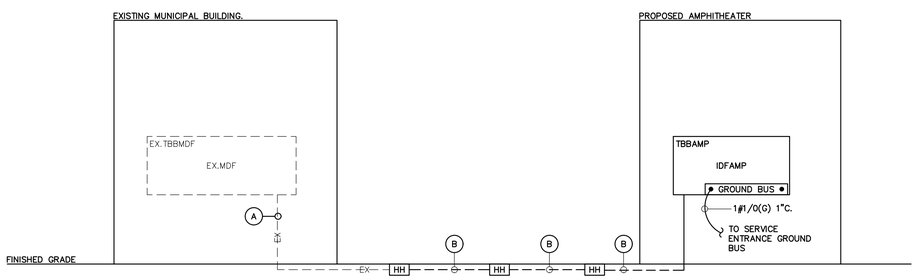
TURNERBATSON

*ALL DATA CABLES SHALL BE TERMINATED ON DATA PATCH PANELS
*ALL WIRELESS ACCESS CABLES SHALL BE TERMINATED ON WIRELESS ACCESS PATCH PANELS
*ALL FIBER OPTIC CONNECTIONS SHALL BE "LC" TYPE



1 / E6.02 IDFAMP COMMUNICATIONS RACK ELEVATION
NO SCALE

DATA CABLING & KEYSTONE COLOR CODE REQUIREMENT	
DATA	BLUE
WIRELESS ACCESS CABLING	GREEN
SECURITY CAMERA CABLING	ORANGE



COMMUNICATION NOTES:

1. TBB SHALL BE 3/4" PLYWOOD EXTERIOR RATED AND CUT TO COVER ALL WALLS OR AS INDICATED. PAINT WITH TWO COATS OF FIRE RETARDENT PAINT. MOUNT 2' AFF.
2. PROVIDE A PLASTIC BUSHING OR PROTECTIVE COLLAR AT EACH CONDUIT TERMINATION, INCLUDING TERMINATIONS ABOVE THE CEILING, AT CABLE TRAY, OR AT TBB.
3. ALL CONDUIT TERMINATIONS SHOULD BE DONE EVENLY AT THE TOP AND BOTTOM OF TBB. TERMINATIONS SHALL BE MADE WITHIN THE FIRST FEW INCHES OF THE TBB.
4. SEAL ALL CONDUITS FROM THE EXTERIOR WITH A SEALING COMPOUND, ONCE ALL CABLING HAS BEEN INSTALLED.
5. PROVIDE GROUND BUS FOR EACH TBB. SEE GROUND BUS INSTALLATION DETAIL.
6. STENCIL ALL JUNCTION BOX COVERS ABOVE THE CEILING WITH 2" LETTERS THAT READ "COMM".
7. ELECTRICAL CONTRACTOR WILL BE RESPONSIABLE FOR ALL RACEWAYS, J-HOOKS, CABLING, PATCH PANELS, TERMINATIONS, BACKBOARDS, ETC. SEE RISER DIAGRAM, DETAILS, AND SPECIFICATIONS FOR FURTHER EQUIPMENT REQUIREMENTS.
8. BOND RACK FRAMES, STRUT, CONDUITS, AND LADDER RACK TO THE GROUND BUS WITH MINIMUM SIZE WIRE OF #1/0.

COMMUNICATIONS BACKBONE CABLING LEGEND

A	6 STRAND OM2 SINGLE-MODE 50 MICRON FIBER OPTICS WITH LC CONNECTORS IN EX.2"C.
B	6 STRAND OM2 SINGLE-MODE 50 MICRON FIBER OPTICS WITH LC CONNECTORS IN 3"C.

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED NO. 26988 PROFESSIONAL ENGINEER KENNETH RAY GUNN, JR. 10-27-23

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

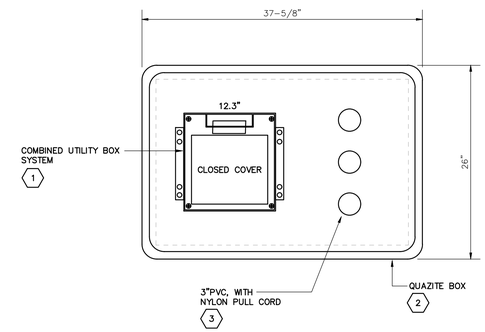
SHEET TITLE: AUXILIARY DETAILS

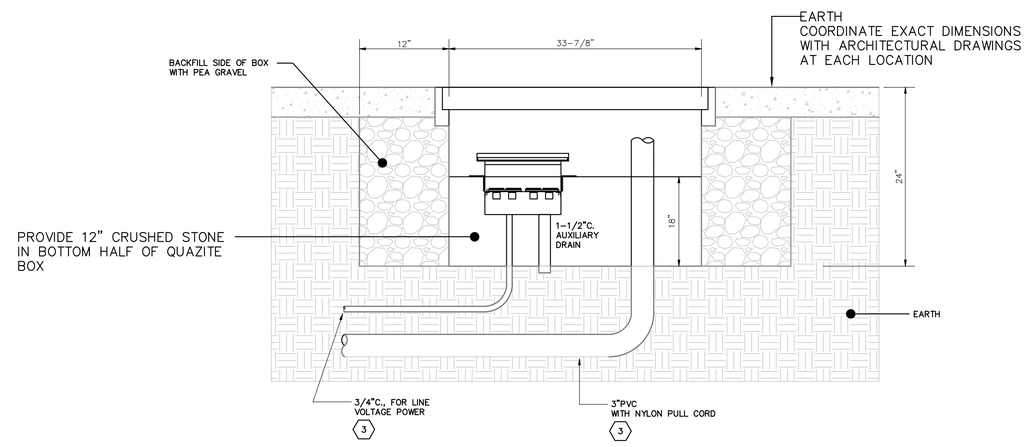
PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E6.02

Gunn & Associates, P.C.
Consulting Engineers
3102 Highway 14
Millbrook, AL 36054
Tel: 334.285.1273
1200 Providence Park, Suite 200
Birmingham, AL 35242
GA#23-001

TURNERBATSON





1 / E6.02 POWER BOX DETAIL
NO SCALE

DETAIL NOTES

1. PROVIDE COMBINED UTILITY BOX SYSTEM, EXTERIOR FLOOR COMBINED UTILITIES BOX SYSTEM WP8G, (3) 5-20R GFI RECEPTACLES IN WEATHER PROOF ENCLOSURE, PROVIDE WITH GASKETED COVER.
2. PROVIDE QUAZITE BOX PG2436BA24, 24" DEEP, COLOR AS SELECTED BY ARCHITECT, COVER OF BOX SHALL READ 'ELECTRICAL'.
3. PROVIDE SPARE CONDUITS IN EACH BOX AS SHOWN ON SITE PLAN.
4. PROVIDE LINE VOLTAGE POWER CONDUITS AS SHOWN ON SITE PLAN.

ALABASTER AMPHITHEATER

ALABASTER, ALABAMA

ALABAMA REGISTERED NO. 26988 PROFESSIONAL ENGINEER 10-27-23 KENNETH RAY GUNN, JR.

I.F.C.

ISSUE FOR CONSTRUCTION

REVISIONS:

No	Date	Description

SHEET TITLE: POWER BOX DETAIL

PROJECT NUMBER: 2904
CHECKED BY: KRG
ISSUE DATE: 10/27/23
DRAWN BY: FJP

E6.03