ADDENDUM # 013

Date: 06/15/18

RE: Cherokee Nation Entertainment

Tahlequah Casino

From: James R Childers Architect, Inc.

45 South 4th Street

Fort Smith, Arkansas 72901

This addendum forms part of the Contract Documents, and modifies the documents as noted below. Bidder must acknowledge receipt of this addendum in the FMC Bid Form. Failure to do so may subject the bidder to disqualification.

Item 1 Specification Sections:

08 4233 Revolving Door 14 4216 Vertical Lifts

Item 2 Food Service Specification Change

Item 3 Architecture Sheets:

A1.3 Enlarged Floor Plan - BOH

A3.7 Stage Section

Item 4 Structure Summary of Changes

Item 5 Structure Drawings

Item 6 IT, AV, and FA Drawings

SECTION 08 4233

REVOLVING DOOR ENTRANCES

PART I - GENERAL

1.01 SECTION INCLUDES

A. This section covers the furnishing and installation of a complete Automatic Revolving Door System. Provide complete system that has been fabricated, and tested for proper operation at the factory. It includes curved sidewalls, canopy, ceiling, door wings, hardware, glass, drive system, sensor system and emergency collapsing mechanism as required for installation.

1.02 RELATED SECTIONS

- A. Section 07915 Sealants, Caulking and Seals
- B. Section 08400 Entrances and Storefronts
- C. Section 08710 Door Hardware
- D. Section 08810 Glass and Glazing
- E. Section 09600 Flooring
- F. Section 16123 Electrical Supply and Termination

1.03 QUALITY ASSURANCE

- A. Manufacturer shall be a company specializing in the supply of wide-body automatic revolving doors with a minimum of 10 years experience.
- B. Installer shall supply a factory-trained supervisor during installation of the door.

1.04 SUBMITTALS

- A. Submit project specific shop drawings, finish samples.
- B. Indicate pertinent dimensions, general construction, component connections and locations, anchorage methods and locations, hardware, and installation details.

1.05 DELIVERY, STORAGE AND HANDLING

- Deliver materials to job site in manufacturer's packaging undamaged, complete with installation instructions.
- B. Store off ground, under cover, protected from weather and construction activities.

1.06 PROJECT/SITE CONDITIONS

A. Revolving doors install on finished floor only. Floor must be dead level at any point within the footprint of the revolving door.

1.07 WARRANTY

A. Boon Edam, Inc. warranties its products against defects in material and workmanship for a period of twelve (12) months from the date of shipment of the product. This warranty excludes glass breakage, normal wear on finishes or damage that occurs due to abuse, misuse or acts of God.

PART II - PRODUCTS

2.01 MANUFACTURER

2.02 TOURNEX AUTOMATIC REVOLVING DOOR MODEL STAR OR MODEL SHOWCASE AS MANUFACTURED BY:

- A. Basis of Design: Boon Edam, Inc., 402 McKinney Parkway, Lillington, NC 27546.
 - 1. (910) 814-3800 Fax: (910) 814-3899 Homepage: www.boonedam.us
- B. Acceptable Manufacturers:
 - Assa Abloy Entrance Systems US
 - a. 1-866-237-2687
 - 2. Horton Automatics, Entrance Solutions

a. 1-361-888-5591

2.03 DOOR CONSTRUCTION

- A. Curved Side Walls and Canopy: Shall have a standard outside diameter of 12'-0", 14'-0", 16'-0", 18'-0" or 20'-0" and be manufactured from six (6) aluminum posts, six (6) 12" high one-piece extruded aluminum canopy and four (4) extruded aluminum bottom rails.
- B. Door Wings: Three or four door wings as designed shall be 2" wide aluminum extrusions and reinforced in the corners with aluminum machined extrusions for strength. Door wings must utilize removable horsehair weather stripping on all four sides. Double-acting doors with hydraulic closers are held in position with non-jamming electromagnetic locks. Upon release by door controls, or building/fire/smoke alarm, door must be capable of folding forward or backward to allow for emergency egress.
- C. Showcase: Shall be fabricated from steel tubing, aluminum extrusions, aluminum sheet and glass in a configuration that provides a functional display case in the center of the door.
- D. Ceiling: Shall be fabricated of formed aluminum sheet in a pie-shaped configuration. Each section must be secured in position and removed only by authorized personnel.

2.04 EQUIPMENT

- A. Drive System: Overhead drive system with one 1/2 HP AC motor attached to the internal structural framing. The door shall be powered by a 208-230 VAC, 1-phase service. The motor shall utilize an internal angle encoder for constant monitoring of door position and a Frequency Controller to provide for the following characteristics:
 - 1. Adjustment of rotation speed through a digital setting
 - a. Constant regulation of rotation speed
 - b. Independent adjustment of startup and run torque through a digital setting to minimize force required to stop door
 - c. Adjustment of stopping distance through a digital setting
 - d. Removable remote control programmer for security over Frequency Control settings
- B. Braking Assembly: Positive braking and stopping, shall be performed by DC dynamic braking incorporated within the drive system. Other auxiliary disc brakes are not considered to be equal.
- C. Controls: Microprocessor-based electronics utilizing a 2000-step Programmable Logic Controller (PLC) with the following characteristics:
 - RAM & ROM memory
 - a. Self-diagnostics for quick detection of problem source
 - b. Visual display of problem source
- D. Storm Coupling: Three or four fail-safe electromagnetic lock devices connected to the top shaft of each door wing to hold the door wings firmly during normal operation. Upon signal from the building/fire/smoke alarm system, storm couplings retract allowing the door wings to be collapsed, or folded, allowing for emergency egress.
- E. Electric Locking: A fail-safe electromagnetic shaft lock in conjunction with the electromagnetic storm coupling door wing locks with a three (3) position post-mounted key switch to activate locking. When engaged, the electric locking will prevent rotation or collapsing of the door wings. Electric locking is disengaged by loss of power or signal from building/fire/smoke alarm.
- F. Surface Applied Slide Bolt Locks with Microswitch (Optional): Two (2) standard 1 3/4" x 5 5/8" surface-mounted deadbolt locks finished to match door with removable, keyed cylinders that lock into the ceiling or floor on the two interior door wings, and microswitch for lock detection.
- G. Lights: Provide (3) or (4) 12V 20W Halogen lamps, 4 3/4" diameter lights to be recessed into rotating ceiling. (110V power service required from above by others.), (6) lights recessed into the non-rotating ceiling, and (3) or (4) lights recessed into the showcase ceiling.

2.05 2.04 SENSOR SYSTEM

- A. Motion Detectors: Minimum of 2 motion detectors mounted to the canopy on each side of the door that will start the rotation of the door upon actuation. Detection pattern can be adjustable directly.
- B. P.I.R (Passive Infrared Sensor) (Optional): The (2) recessed sensors are located in the canopy rim above, on each side of the door and are used in place of the motion sensors listed above.
- C. T.R.S. (Top Rail Sensors): Active infrared sensors mounted to the top rail of each door wing that can detect presence in front of the each door wing and slow or stop the door immediately, depending on traffic conditions. Sensors can be adjusted for pattern size and distance from door wings.
- D. S.C.S. (Show Case Sensors): Active infrared sensor mounted in front of each door wings pivot point that can detect the presence of a person and stop the door immediately. Sensors can be adjusted for pattern size and distance from door wing.
- E. E.B.S. (Endwall Buffer Sensors): Two (2) active infrared sensors mounted vertically in front of each of the curved sidewalls that will detect presence and stop the door immediately. The EBS sensors should be capable of switching on as each door wing approaches the endpost of the sidewall and switches off as each door wing departs the endpost of each sidewall.
- F. S.R.B. (Sensor Rail Bentwall): A multi-directional, closed-contact pressure sensitive switch contained within a black rubber profile mounted to the edge of each inbound endpost that will immediately stop the door's rotation if compressed.
- G. S.R.D. (Sensor Rail Doorwing): A multi-directional, closed-contact pressure sensitive switch contained within a black rubber profile mounted to the bottom rail of each door wing that will immediately stop the door's rotation if compressed.
- H. Push To Slow Button: Two (2) "Push to Slow" Buttons mounted on the inbound that will reduce the rotating speed of the revolving door for approximately one revolution.
- I. Emergency Stop Button: Two (2) Emergency Stop Buttons mounted on the inbound endposts that will immediately stop the door when pressed.
- J. Key Switch: A key switch mounted on the interior endpost that will turn the door on/off or night lock.

2.06 2.05 HARDWARE/MATERIALS

- A. Tempered Glass: All flat glass in door wings shall be 1/4" clear tempered safety glass, all curved glass shall be 1/4" clear bent tempered safety glass. All glass shall meet ANSI standard Z 97.1.
- B. Aluminum Extrusions: All commercial grade extrusions shall be of aluminum alloy 6063-T6 per ASTM B-221.
- C. Aluminum Sheets: Shall meet ASTM B-209 and be of .063 minimum thickness.
- D. Weather Stripping: Genuine horsehair weather stripping on all required edges of door wings to provide a seal between door wings and drum that meets ASTM E-283.
- E. Glazing Seal: All glass to be sealed with push in glazing vinyl.
- F. Pivot Bearing: Floor mounted pivot bearing under the center section to provide smooth rotation. Bearing can be replaced without removal of the center section.

2.07 2.06 FINISH

- A. The following finishes are available for the enclosure walls, rotating door wings and ceiling.
- B. Anodized Coatings
 - 1. AAMA 611 Architectural Class 1 anodized Type AA-M10C22 A42: Light, Medium and Dark

PART III - EXECUTION

3.01 INSTALLATION

- A. Inspection: Installer must examine the location and advise the Contractor of any site conditions unacceptable for proper installation of product. These conditions include but are not limited to the following:
 - 1. 1. Floor must be dead level at any point within the footprint of the door

3.02 2. DOOR MUST BE INSTALLED ON FINISHED FLOOR

- A. Power supply must be installed
 - Installation shall not begin until these unacceptable conditions are rectified.
- B. Erection: Install revolving doors in accordance with manufacturer's printed instructions. Set units level, plumb, and with uniform hairline joints. The door should be anchored to the building, storefront or curtain wall for lateral support. Use only factory-trained installers.
- C. Adjustment: Installer shall adjust door, hardware and sensors for smooth operation and proper performance.
- D. Instruction: A factory-trained installer shall demonstrate to the owner's maintenance crew the proper operation of the door and the necessary service requirements such as lubrication, cleaning, and inspection of components upon completion of installation.
- E. Cleaning: Clean metal and glass surfaces carefully after installation to remove excess caulk, dirt and labels.

END OF SECTION

SECTION 14 4216 VERTICAL LIFTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Commercial vertical platform lifts.

1.02 RELATED SECTIONS

- A. Section 03 30 00 Cast-in-Place Concrete.
- B. Section 06 10 00 Rough Carpentry.
- C. Division 16 Electrical: Dedicated telephone service and wiring connections.
- D. Division 16 Electrical: Lighting and wiring connections at top of hoistway.
- E. Division 16 Electrical: Electrical power service and wiring connections.

1.03 REFERENCES

- A. ASME A17.1 Safety Code for Elevators and Escalators.
- B. ASME A17.5 Elevator and Escalator Equipment.
- C. ASME A18.1 Safety Standard for Platform Lifts and Stairway Chairlifts.
- D. CSA B44 Safety Code for Elevators and Escalators.
- E. CSA B355 Lifts for Persons with Physical Disabilities.
- F. ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities.
- G. NFPA 70 National Electric Code.
- H. CSA National Electric Code.

1.04 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Provide a complete layout of lift equipment detailing dimensions and clearances as required.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
- B. Installer Qualifications: Minimum 2 year experience installing similar products and approved by manufacturer.

1.06 REGULATORY REQUIREMENTS

- A. Provide platform lifts in compliance with:
 - 1. ASME A18.1 Safety Standard for Platform Lifts and Stairway Chairlifts.
 - 2. CSA B44.1/ASME A17.5 Elevator and Escalator Equipment.
 - 3. CSA B355 Lifts for Persons with Physical Disabilities.
 - 4. CSA National Electric Code.
 - NFPA 70 National Electric Code.
- B. Fabricate and install work in compliance with applicable jurisdictional authorities.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Handle materials to avoid damage.

1.08 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.09 SEQUENCING

A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

1.10 WARRANTY

- A. Manufacturer's Warranty: Standard limited warranty against defects in materials and manufacturing.
 - 1. Warranty Period: For major components including the drive system, 2 years.
 - 2. Warranty Period: For all other components, 1 year.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer: Bruno Independent Living Aids, Inc., which is located at: 1780 Executive Dr.; Oconomowoc, WI 53066; Toll Free Tel: 800-882-8183; Tel: 262-567-4990; Fax: 262-953-5501; Email: request info (commercialvpl@bruno.com) < mailto:request info (commercialvpl@bruno.com)>; Web: www.bruno.com/architect-resources < http://www.bruno.com/architect-resources>
 - Substitutions: Not permitted.

2.02 VERTICAL PLATFORM LIFT - GENERAL

- A. U.S. F.D.A. CLASSIFICATION: Class II, 510(K) exempt
 - 1. CLASSIFICATION NUMBER: 890.3930
 - 2. Product Code: PCE
- B. ETL-Intertek C-US Listed: Control Number: 4004689
- C. Performance Standards:
 - 1. ASME A18.1-2011 (Sec. 2) Safety Standards for Platform Lifts and Stairway Chairlifts.
 - 2. CSA B355-09 Lifts for Persons with Physical Disabilities.
 - 3. CSA B44.1-11/ASME A17.5-2011 Elevator and Escalator Electrical Equipment.

2.03 COMMERCIAL VERTICAL PLATFORM LIFT

- A. Product:
 - 1. Model: Enclosed (Enclosure by Bruno), Model VPL-3310B (DC-powered unit).
- B. Performance:
 - 1. Rated Load: 750 lb maximum.
 - 2. Number of Passengers: One passenger with mobility device.
 - 3. Speed: 10 feet/minute (0.05 meters/second) maximum.
 - 4. Number of Landings: 2-Stop (all models)
 - Lifting Height: Model VPL-3310B (Enclosed): 123 inches (3124 mm) maximum floor-to-floor height.
 - 6. For pit applications, maximum floor-to-floor is measured from the bottom of the pit.
 - 7. Platform Configuration:
 - a. Enter/Exit Straight Through (Front and Rear Openings).
 - 8. Platform Dimensions:
 - a. 42 inches x 60 inches (1067 mm x 1524 mm).

C. Drive:

- Primary Drive: 1 hp motor, 1750 rpm, 24VDC permanent magnet, 20 full-load amps, continuous duty
- 2. 5A, 24VDC output internal battery charger, 120VAC, 60 Hz, 3A maximum input power required.

- 3. Intermediate Reduction: Dual 4L style poly-V belts and pulleys, 3.94:1 pulley reduction.
- D. Motor Controller: 24VDC relay control with 60A circuit breaker and disconnect.
- E. Braking: Precision landing control.
- F. Platform Control: Up and down rocker switch or optional paddle controls, continuous pressure, key switch control (key removable in both on/off position).
- G. Emergency Stop Switch: Red, sealed, 1.55 inches (39 mm) diameter mushroom head, illuminated with audio alarm, push to stop, pull to reset.

H. Construction:

- Main Frame: Welded steel tubular guide construction with formed sheet steel guarding.
- 2. Carriage: Welded carriage with 2.25 inches (57 mm) diameter front and back sealed dual ball bearing wheels and adjustable low-friction plastic side stabilizer guide pads.
- 3. Platform: Totally enclosed side walls consisting of 1 inch (25.4 mm) tubular framing and sheet metal siding.
- 4. Under Carriage Safety: Totally enclosed bottom formed steel safety pan.
- 5. Automatic Lower Ramp: 16 inches (406 mm) long self-lowering ramp (standard on unenclosed applications).
- 6. Finish: E-coated platform and landing gate parts; exterior grade powder coat paint, architect to select color.
- 7. Weight of Unit: Model VPL-3310B: 1210 lb (549 kg) (with batteries)
- 8. Weight of Unit: Model VPL-3312B: 1304 lb (591 kg) (with batteries)
- 9. 42 inch Top Landing Gate Option: 108 lb (49 kg)

Operation:

- Limit Switches: Adjustable upper and lower limit switches; upper and lower final limit switches.
- 2. Manual Lower Device: Manual hand crank to lower device available; access to adaptive shaft via safety interlocked top cap
- 3. Remote Control: Station includes a separate landing call/send rocker switch or paddle controls and a keyed on/off switch.
- 4. Lower Landing Gate: Includes mechanical interlock which releases door, only when platform is at lower landing; electronic sensors stop platform from operating unless door is closed; includes call/send rocker switch or paddle controls and keyed on/off switch mounted into gate frame.
- 5. Top Landing Gate: Includes mechanical interlock which releases door, only when platform is at upper landing; electronic sensors stop platform from operating unless door is closed; includes call/send rocker switch or paddle controls and keyed on/off switch mounted into gate frame; extends 42 inches above upper landing.

PART 3 EXECUTION

3.01 EXAMINATION

- A. For enclosed applications, do not begin installation until hoistway has been properly prepared. Verify that hoistway spaces are of correct size and within tolerances.
- B. Verify required landings and openings are of correct size and within tolerances.
- C. Verify site dimensions are of correct size and within tolerances and clearances have been maintained and meet local regulations.
- D. Verify electrical rough-in is at correct location.
- E. Do not begin installation until substrates have been properly prepared.
- F. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 SITE PREPARATION

- A. The following is a list of general operations designed to prepare the job site for installation of the VPL. This list is provided as a guide to help the installer. For a complete list of requirements check the installation site's applicable local codes.
 - Electrical Requirements: DC battery-powered units: require a dedicated GFCI 120V, 3A (max.), 60 Hz single-phase circuit to operate the internal battery charger. Check applicable local codes for all electrical and wiring requirements.
 - Platform Pathway Requirements: Make sure the pathway that the platform runs in is clear
 of any electrical conduit and wire ways. Make sure no liquids, steam or gas piping
 discharge into the pathway, and make sure that there is sufficient headroom clearance
 (minimum of 80 inches [2032 mm]) throughout floor-to-floor travel. Make sure the area is
 sufficiently lit.
 - 3. Floor Recommendations: 4 inches (102 mm) thick, 3500 PSI minimum compressive strength, reinforced concrete slab. Refer to technical drawings for minimum slab dimensions. If the temperature can fall below freezing, it is recommended that you insert an insulation sheet between the concrete slab and the compacted rock.
 - 4. Pit requirements: 3 inch es maximum (gate/door will not open if pit is over 3 inches).
 - 5. Floor Attachment: VPL shall be fastened to concrete slab using four 1/2 inch (3/8 inch bolt) x minimum 2-1/2 inches long concrete anchors suitable for the environment. Follow selected concrete anchor manufacturer's guidelines and applicable codes.
 - 6. Housing Attachment: Use 5/16-18 tapped holes on tower frame work to fasten the tower housing to a vertical wall near or above the upper landing (200 lb/91 kg wall loading). Mounting brackets are supplied with unit. Housing shall remain intact.
 - 7. Top Gate Attachment: As required by manufacturer.
 - 8. Lower Landing Gate Attachment: As required by manufacturer.
 - 9. Platform-to-Top Landing Sill Clearance: ASME code indicates the platform floor-to-sill clearance at the upper landing shall not be less than 3/8 inch (9.5 mm) nor exceed 3/4 inch (19 mm). Follow applicable local codes.
 - 10. Fascia Wall Requirements: ASME code indicates that fascia shall be smooth and non-perforated that guards the full length and width of the platform. The fascia shall be securely fastened from the upper landing sill down to the lower landing sill. It shall be able to withstand a 125-pound side load over any 4-inch square area. Follow applicable local codes.

3.03 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.04 INSTALLATION

A. Install in accordance with manufacturer's installation instructions.

3.05 FIELD QUALITY CONTROL

- A. Perform tests in compliance with ASME A18.1 and as required by authorities having jurisdiction.
- B. Perform tests in compliance with CSA B355 and required by authorities having jurisdiction.

3.06 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

PART 2 PRODUCTS

END OF SECTION



June 15, 2018

Gary Moore James R. Childers Architect 45 South 4th Street Fort Smith, Arkansas 72901

PROJECT: Cherokee Casino

Tahlequah, Oklahoma

Dear Gary,

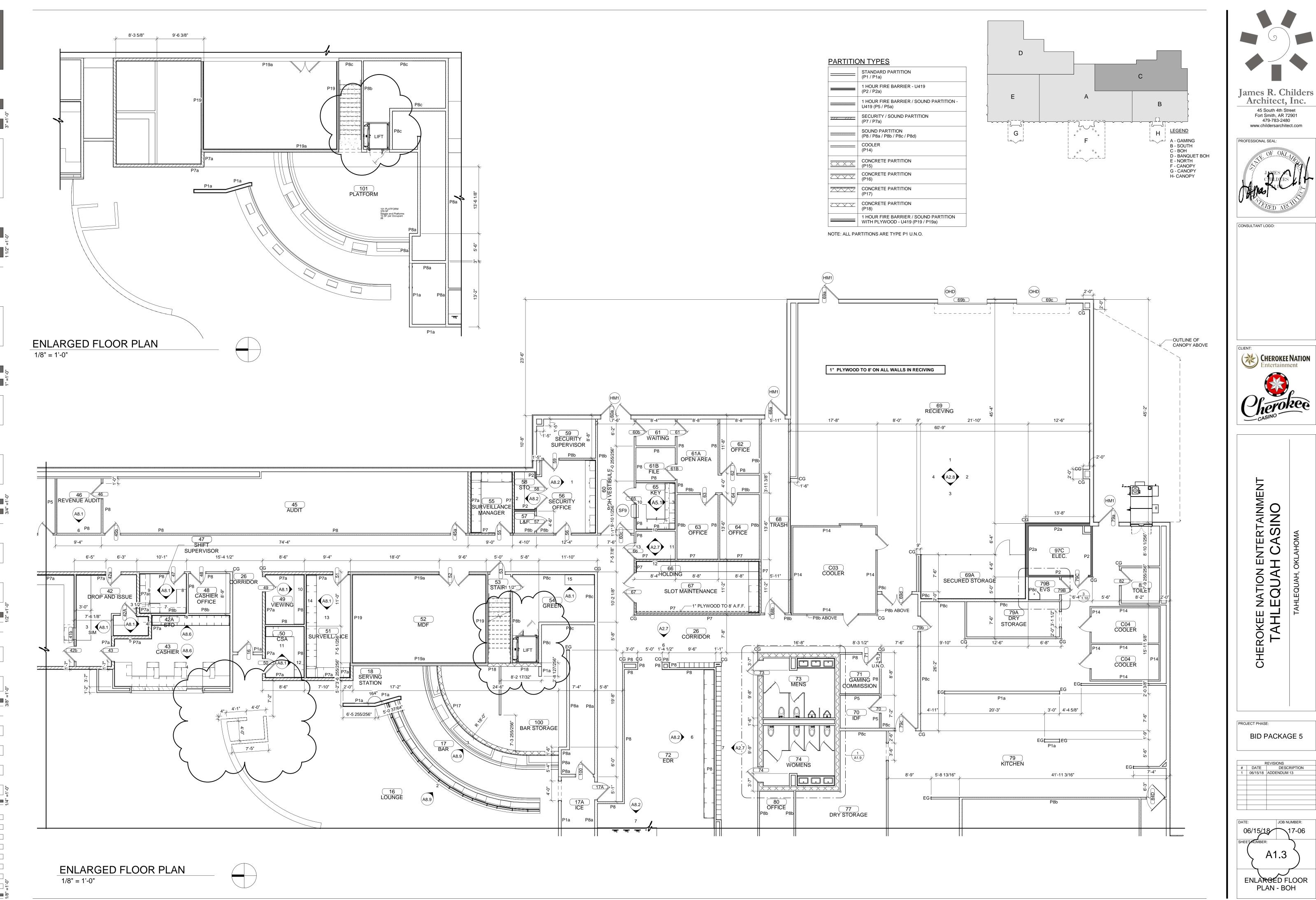
The following must be included in Addendum 013 for the referenced project.

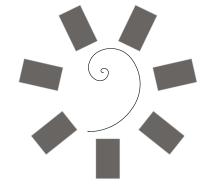
SPECIFICATIONS

ITEM -1
PAGE 11 4000 - 86
ITEM NO. 63FD SMOKER
DELETE paragraph B., 08, d. "Tilted fan package."

CHANGE paragraph B., 08, duplicate letter "d" to "e"

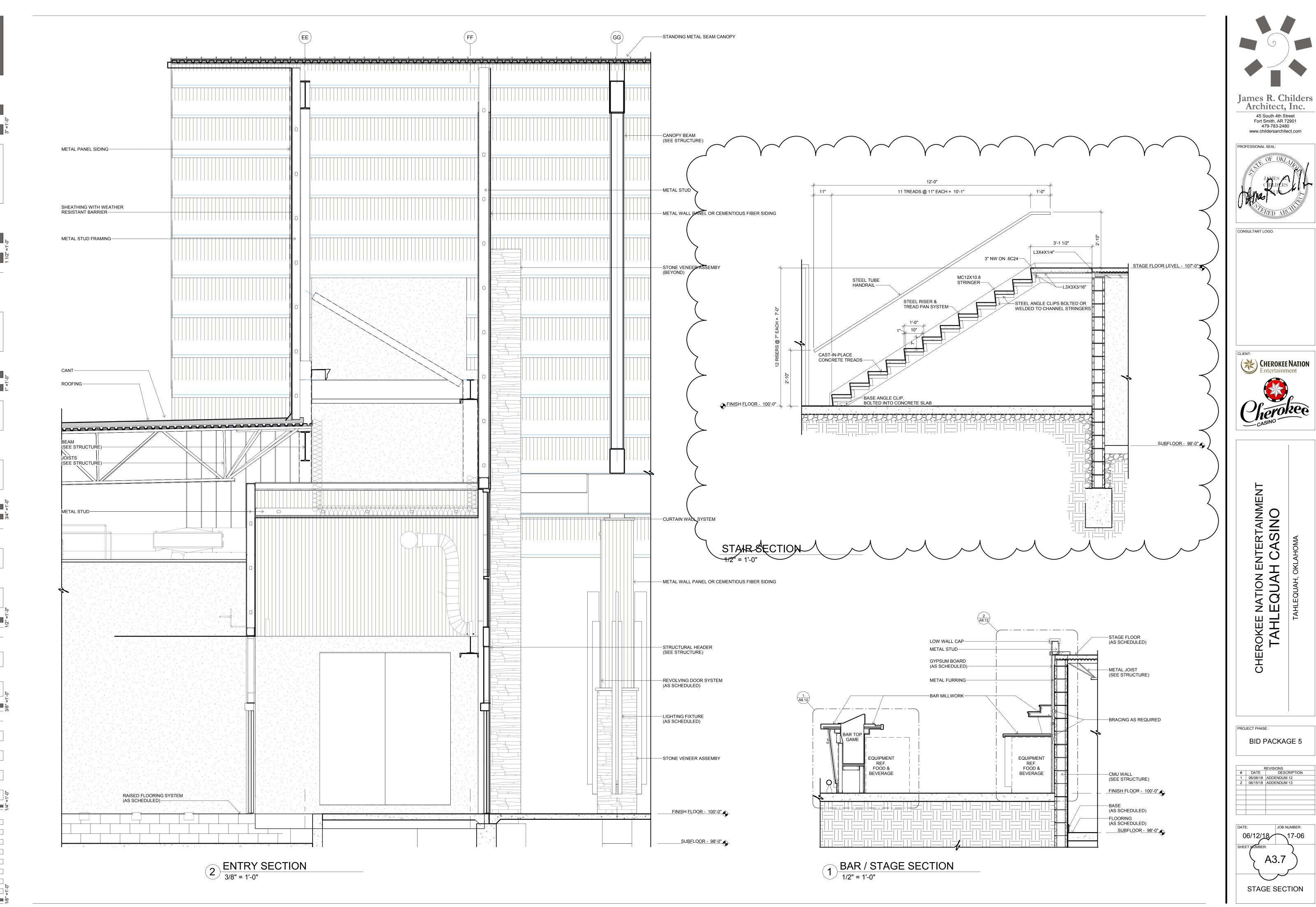
END OF ADDENDUM





BID PACKAGE 5

A1.3 ENLARGED FLOOR PLAN - BOH





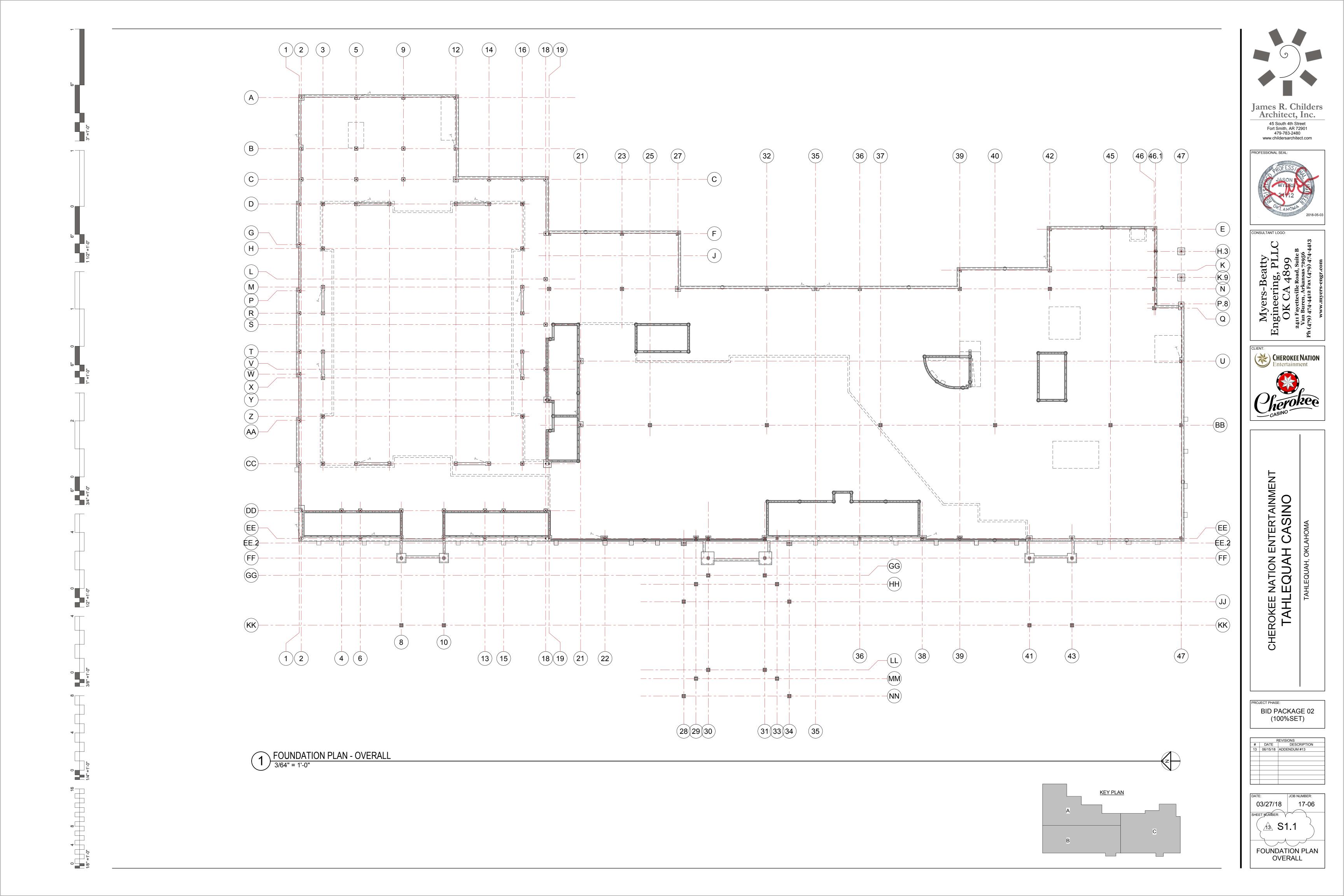
2411 Fayetteville Rd, Ste B Van Buren, AR 72956 P 479.474.4412 F 479.474.4413

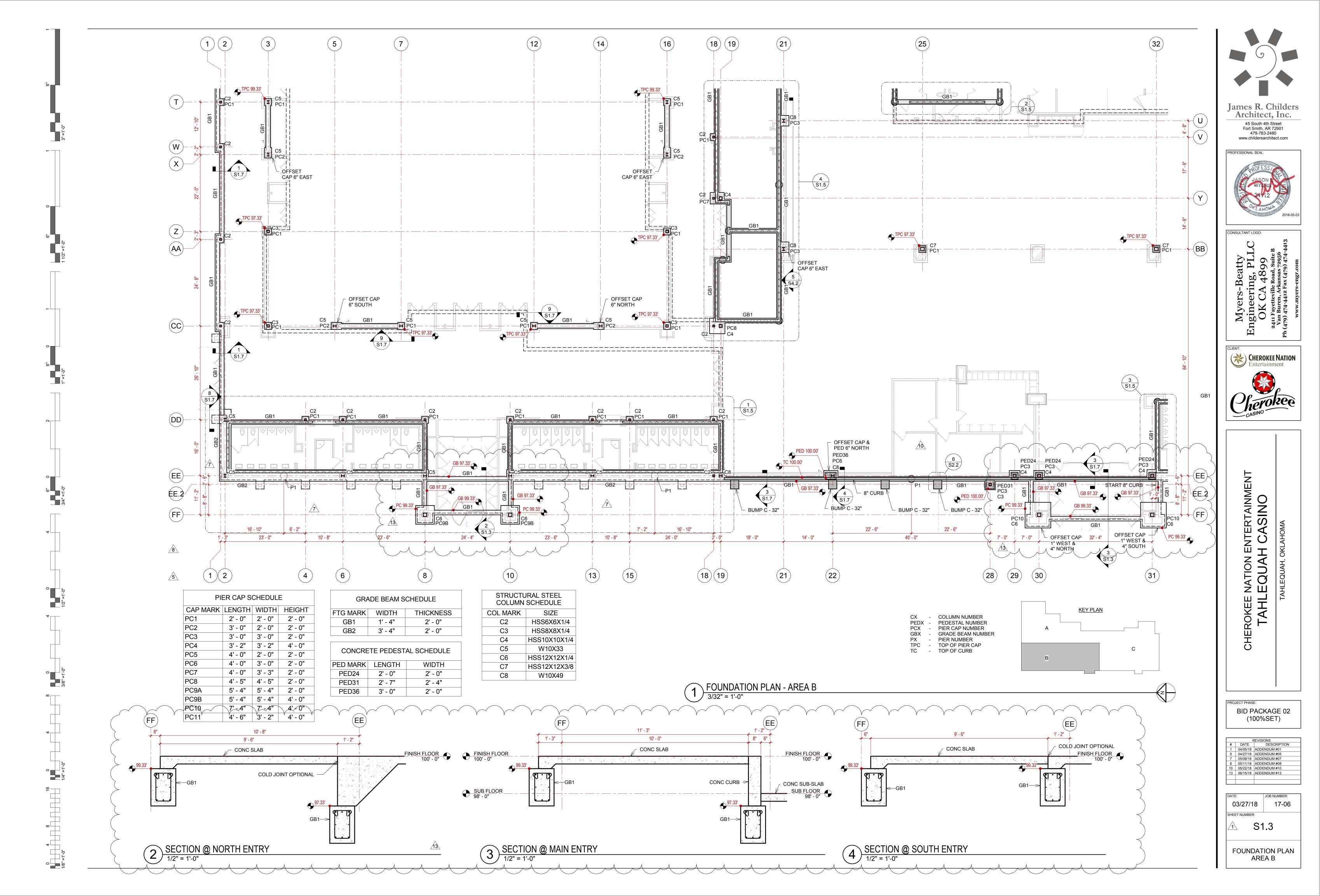
> 705 N. Rockcliff Rd Fayetteville, AR 72701 P 479.445.3261 F 479.443.4588

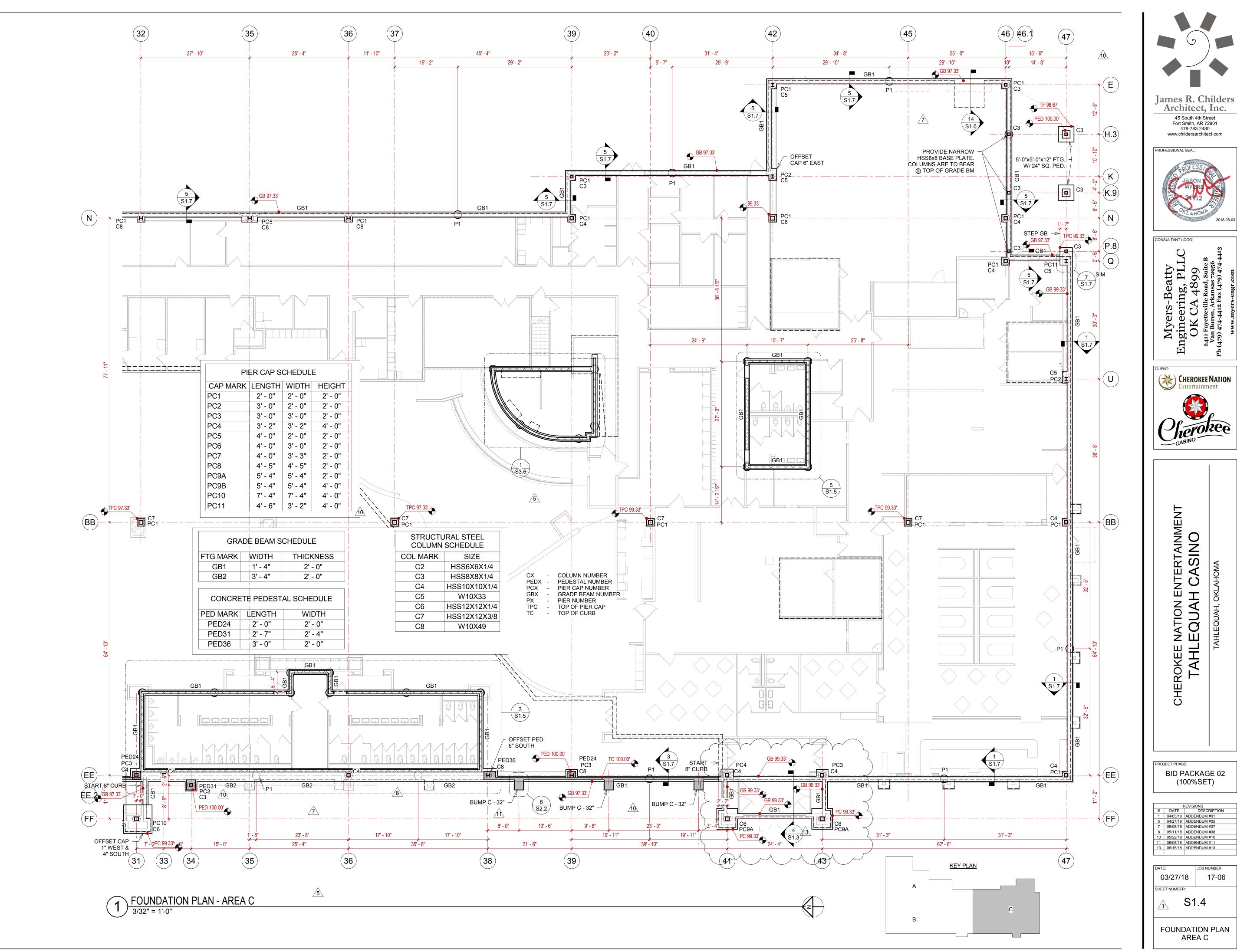
June 15, 2018

Tahlequah Casino Addendum #13 Summary

Sheet No.	Addendum	
S1.1	Updated the Overall Foundation Plan	
S1.3	Added spot elevations to the north and main entries	
	Added sections through entry foundations	
S1.4	Added spot elevations to the south entry	
S3.1	Kitchen hoods dimensioned per Vulcraft	
S3.5	Snow drift dimensions added.	
	Snow drift loads added.	









BID PACKAGE 02

(100%SET)

REVISIONS
DATE DESCRIPTION 04/05/18 ADDENDUM #01 04/27/18 ADDENDUM #05 05/08/18 ADDENDUM #07 05/11/18 ADDENDUM #08

0 05/22/18 ADDENDUM #10 06/05/18 ADDENDUM #11

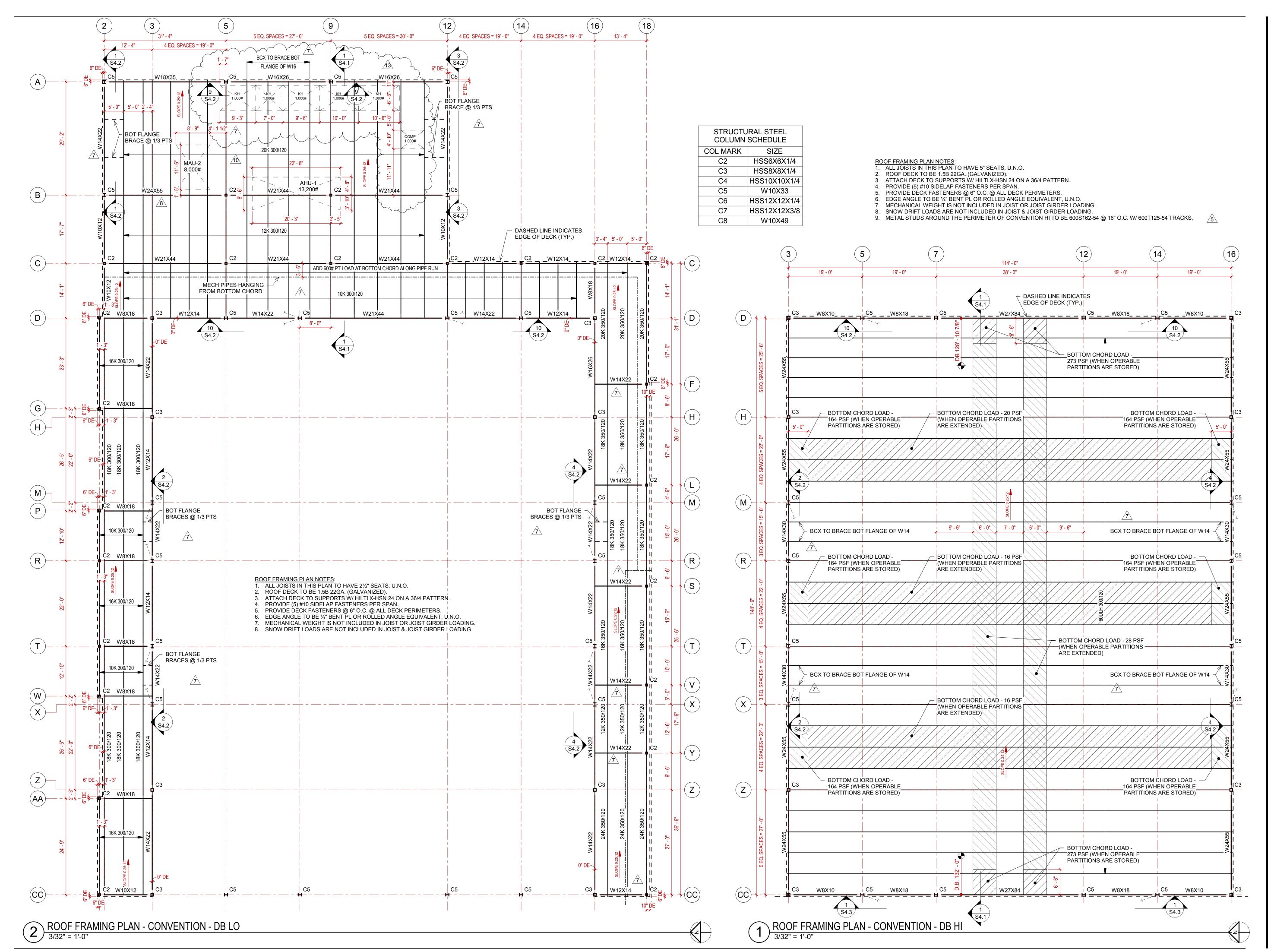
3 06/15/18 ADDENDUM #13

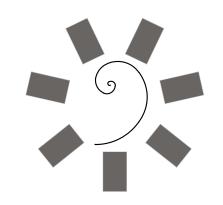
S1.4

AREA C

Architect, Inc.

45 South 4th Street Fort Smith, AR 72901 479-783-2480 www.childersarchitect.com





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CONSULTANT LOGO:

CHEROKEE NATION Entertainment

CHEROKEE NATION ENTERTAINM
TAHLEQUAH OKLAHOMA

BID PACKAGE 02 (100%SET)

REVISIONS

DATE DESCRIPTION

1 04/05/18 ADDENDUM #01

5 04/27/18 ADDENDUM #05

7 05/08/18 ADDENDUM #07

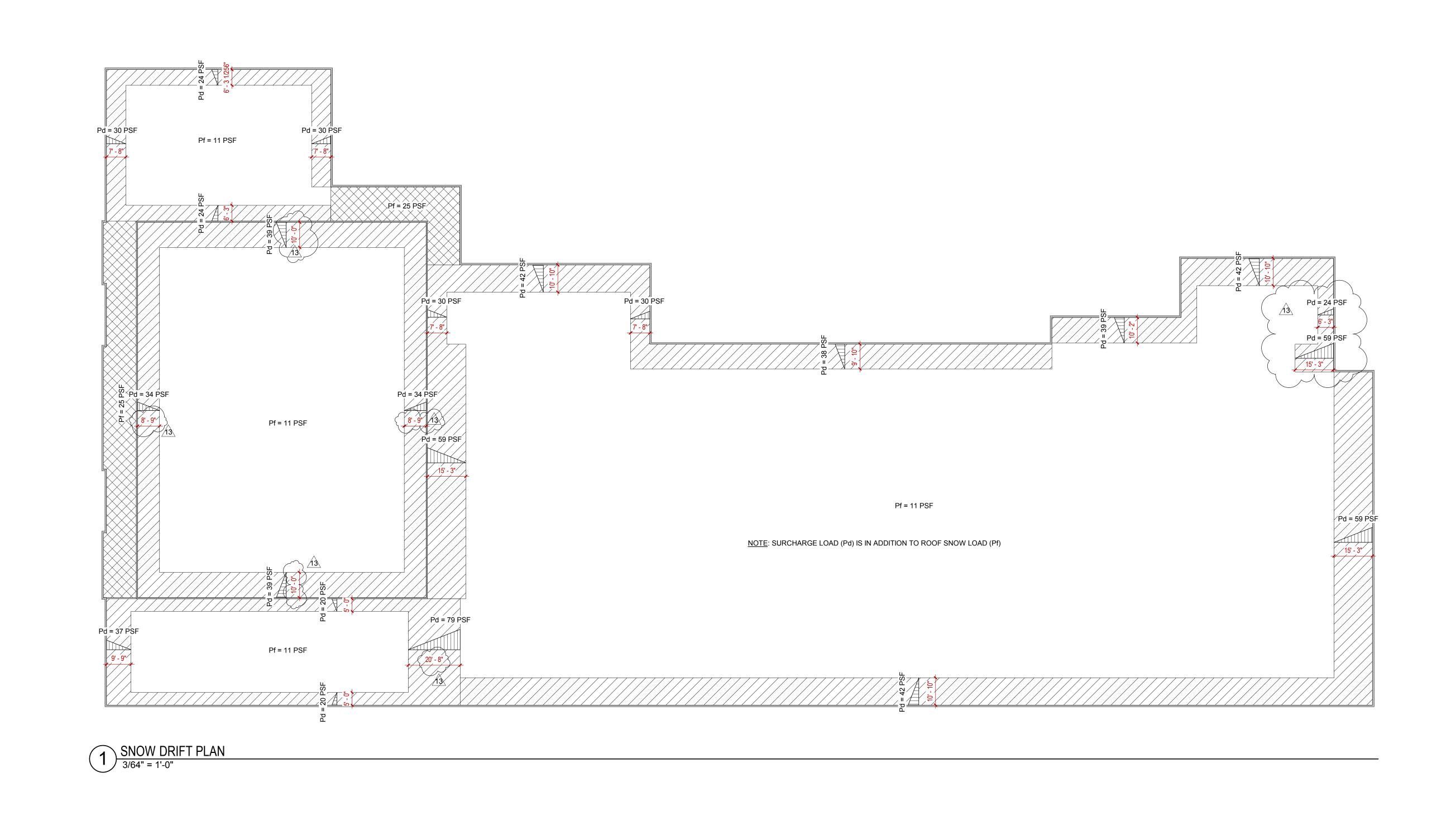
8 05/11/18 ADDENDUM #08

10 05/22/18 ADDENDUM #10

13 06/15/18 ADDENDUM #13

DATE: JOB NUMBER: 17-06
SHEET NUMBER: \$3.1

ROOF FRAMING PLANS





45 South 4th Street Fort Smith, AR 72901 479-783-2480 www.childersarchitect.com

CHEROKEE NATION Entertainment

ROJECT PHASE:
BID PACKAGE 02
(100%SET)

(10070021)		
	F	REVISIONS
#	DATE	DESCRIPTION
13	06/15/18	ADDENDUM #13

DATE: JOB NUMBER: 17-06
SHEET NUMBER: S3.5

SNOW DRIFT PLAN

SHEET NUMBER SHEET TITLE NUMBER SYMBOLS LEGEND AND DRAWING INDEX ITS000B GENERAL NOTES, SPECIFICATIONS, AND SCHEDULES ITS001 SECURITY PLAN DIAGRAMS ITS003 DATA PLAN DIAGRAMS ITS003 DATA PLAN DIAGRAMS ITS004A LOW VOLTAGE CONDUIT PLAN - AREA 1 ITS004B LOW VOLTAGE CONDUIT PLAN - AREA 2 ITS100 SECURITY SITE PLAN ITS101 SECURITY PLAN - AREA 1 ITS101 SECURITY PLAN - AREA 3 ITS103 SECURITY PLAN - AREA 3 ITS104 SECURITY PLAN - AREA 5 ITS200B OVERVEW PLAN - AREA 5 ITS200B OVERVEW PLAN - AREA 5 ITS200C OVERVEW PLAN - AREA 1 ITS202 DATA PLAN - AREA 2 ITS203 DATA PLAN - AREA 3 ITS204 DATA PLAN - AREA 3 ITS205 DATA PLAN - AREA 4 ITS205 DATA PLAN - AREA 5 ITS205 DATA PLAN - AREA 6 ITS205 DATA PLAN - AREA 6 ITS205 DATA PLAN - AREA 6 ITS300 ENLARGED ER 52 ELEVATIONS ITS301 ENLARGED ER 52 DIAGRAMS ITS302 ENLARGED TR 05 DIAGRAMS ITS303 ENLARGED TR 05 DIAGRAMS ITS304 ENLARGED TR 07 DIAGRAMS ITS305 ENLARGED TR 07 DIAGRAMS ITS306 ENLARGED TR 07 DIAGRAMS ITS307 ENLARGED TR 07 DIAGRAMS ITS308 ENLARGED TR 07 DIAGRAMS ITS309 ENLARGED TR 07 DIAGRAMS ITS300 ENLARGED TR 07 DIAGRAMS ITS301 ENLARGED TR 07 DIAGRAMS ITS302 ENLARGED TR 07 DIAGRAMS ITS304 ENLARGED TR 07 DIAGRAMS ITS305 ENLARGED TR 07 DIAGRAMS ITS4001 AV RACK ELEVATIONS ITAV001 AV RACK ELEVATIONS ITAV004 WIRING DIAGRAM - UNDEO DISPLAYS ITAV004 WIRING DIAGRAM - HETHERNET SWITCHES ITAV004 WIRING DIAGRAM - HETHERNET SWITCHES ITAV004 WIRING DIAGRAM - HETHERNET SWITCHES ITAV004 WIRING DIAGRAM - AUDIO DISTRIBUTION ITAV010 WIRING DIAGRAM - AUDIO DISTRIBUTION ITAV011 WIRING DIAGRAM - BALLROOM AUDIO DISTRIBUTION ITAV012 WIRING DIAGRAM - AUDIO DISTRIBUTION ITAV013 WIRING DIAGRAM - BALLROOM AUDIO DISTRIBUTION ITAV014 WIRING DIAGRAM - AUDIO DISTRIBUTION ITAV015 WIRING DIAGRAM - AUDIO DI		DRAWING INDEX
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ITAV005 WIRING DIAGRAM - DIGITAL SIGNAGE & AV CONTROL ITAV006 WIRING DIAGRAM - AUDIO DSP & DISTRIBUTION ITAV007 WIRING DIAGRAM - AUDIO DISTRIBUTION ITAV008 WIRING DIAGRAM - BALLROOM AUDIO DISTRIBUTION ITAV009 WIRING DIAGRAM - BALLROOM AV DISTRIBUTION ITAV010 WIRING DIAGRAM - WIRELESS MIC SYSTEMS ITAV011 WIRING DIAGRAM - WIRELESS MIC SYSTEMS ITAV012 WIRING DIAGRAM - STAGE AUDIO & LIGHTING ITAV013 WIRING DIAGRAM - BOH CONF., VIP EVENT, & DINING ROOMS ITAV013 WIRING DIAGRAM - AV WALL PLATES ITAV100 AV SITE PLAN ITAV101 CEILING AV PLAN - AREA 1 ITAV102 CEILING AV PLAN - AREA 2 ITAV201 AV PLAN - AREA 2 ITAV201 AV PLAN - AREA 3 ITAV204 AV PLAN - AREA 4 ITAV205 AV PLAN - AREA 5 FA-100 FIRE ALARM LEGEND, ABBREVIATIONS & MOUNTING DETAILS FA-101 FIRE ALARM PLAN - AREA 2 FA-102 FIRE ALARM PLAN - AREA 3 FA-104 FIRE ALARM PLAN - AREA 3 FA-104 FIRE ALARM PLAN - AREA 4		
ITAV006 WIRING DIAGRAM - AUDIO DSP & DISTRIBUTION ITAV007 WIRING DIAGRAM - AUDIO DISTRIBUTION ITAV008 WIRING DIAGRAM - BALLROOM AUDIO DISTRIBUTION ITAV009 WIRING DIAGRAM - BALLROOM AV DISTRIBUTION ITAV010 WIRING DIAGRAM - WIRELESS MIC SYSTEMS ITAV011 WIRING DIAGRAM - STAGE AUDIO & LIGHTING ITAV012 WIRING DIAGRAM - BOH CONF., VIP EVENT, & DINING ROOMS ITAV013 WIRING DIAGRAM - AV WALL PLATES ITAV100 AV SITE PLAN ITAV101 CEILING AV PLAN - AREA 1 ITAV102 CEILING AV PLAN - AREA 2 ITAV201 AV PLAN - AREA 2 ITAV201 AV PLAN - AREA 3 ITAV204 AV PLAN - AREA 4 ITAV205 AV PLAN - AREA 5 FA-100 FIRE ALARM LEGEND, ABBREVIATIONS & MOUNTING DETAILS FA-101 FIRE ALARM PLAN - AREA 2 FA-103 FIRE ALARM PLAN - AREA 3 FA-104 FIRE ALARM PLAN - AREA 3 FA-104 FIRE ALARM PLAN - AREA 3		
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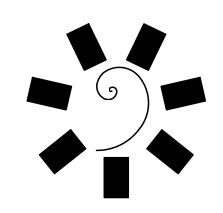
FIRE ALARM LEGEND				
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	
FAA	REMOTE FIRE ALARM ANNUNCIATOR	ASD	AIR SAMPLING DETECTOR	
LOC	LOCAL OPERATING CONSOLE	EOL	END OF LINE RESISTOR	
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR	DACT	DIGITAL ALARM COMMUNICATOR	
(AMM)	ADDRESSABLE INPUT MODULE	(AOM)	ADDRESSABLE OUTPUT MODULE	
FACP	FIRE ALARM & MASS NOTIFICATION CONTROL UNIT	(RTS)	DUCT SMOKE DETECTOR REMOTE TEST STATION	
VS	VALVE SUPERVISORY SWITCH	WF	WATERFLOW SWITCH (VANE TYPE)	
②	SMOKE DETECTOR - PHOTOELECTRIC	(HEAT DETECTOR	
F	FIRE ALARM MANUAL PULL STATION	□} =- xx	DUCT SMOKE DETECTOR; XX INDICATES ASSOCIATED UNIT	
xx xy (S)	CEILING MOUNTED FIRE ALARM SPEAKER/STROBE, XX INDICATES CD RATING, XY INDICATES SPEAKER SETTING	xx xy	WALL MOUNTED FIRE ALARM SPEAKER/STROBE, XX INDICATES CD RATING, XY INDICATES SPEAKER SETTING	
sy S	CEILING MOUNTED FIRE ALARM SPEAKER, XY INDICATES SPEAKER SETTING	xy S	WALL MOUNTED FIRE ALARM SPEAKER, XY INDICATES SPEAKER SETTING	
xx	WALL MOUNTED FIRE ALARM HORN/STROBE, XX INDICATES CD RATING	xx	WALL MOUNTED FIRE ALARM STROBE, XX INDICATES CD RATING	

	SECURITY LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	
	FIXED POSITION CAMERA, INTERIOR	CR	CARD READER	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	360° CAMERA, INTERIOR	\otimes	DOOR CONTACT	
□ □	FIXED POSITION CAMERA, INTERIOR W/ AUDIO	GB	GLASS BREAK	
□⊲ptz	PTZ CAMERA, INTERIOR			
	FIXED POSITION CAMERA, EXTERIOR			
□4 360	360° CAMERA, INTERIOR			
■ I PTZ	PTZ CAMERA, INTERIOR			

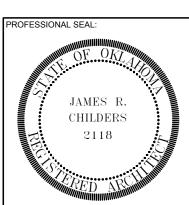
DATA LEGEND				
SYMBOL	DESCRIPTION	ABBREV.	DESCRIPTION	
∇	DATA DROP	#D / #AV	NUMBER OF DATA DROPS / NUMBER OF AV DROPS	
▼	GAMING DATA DROP	ATM	AUTOMATIC TELLER MACHINE	
T	FLOOR BOX FOR GAMING	С	DATA DROP FOR CAMERA	
\Box	FLOOR BOX	COAX	COAXIAL CABLE CONNECTOR	
\bigcirc	CEILING MOUNT DATA DROP	EC	END CAP	
¥	WALL PHONE	F	FIBER CONNECTION	
WAP	WIRELESS ACCESS POINT	FP#	FLOOR POCKET (REF. SHEET ITAV011)	
TP	TOUCH PANEL	LED	LED LIGHTING CONTROL	
ES	ELECTRONIC MEETING SIGNAGE	POS	POINT OF SALE	
WP#	AV WALL PLATES (REF. SHEET ITAV011)	PS	PROJECTION SCREEN	
		VW	VIDEO WALL	

	AUDIO/VIDEO LEGEND				
SYMBOL	DESCRIPTION	ABBREV.	DESCRIPTION		
TV1	65" TV - LG 65LX341C	§1)	PENDANT SPEAKER, JBL CONTROL 67 HC/T		
TV2	43" TV - LG 43LV340C	§2)	CEILING LOUDSPEAKER, JBL CONTROL 47 C/T		
TV3	42" DIGITAL SIGNAGE DISPLAY - SHARP PN-R426	§3	OUTDOOR SPEAKER, JBL CONTROL 28-1		
TV4	55" TV - LG 55LV341C	§4)	HIGH-CEILING LOUDSPEAKER, JBL CONTROL 47 HC/T		
TV5	80" TV - SHARP LC80LE650U	§ 5	AMPLIFIED SPEAKER SET		
TV6	70" TV - SHARP PN-LE701	\$6	SPEAKER CLUSTER SET		
TV7	90" TV - SHARP LC90LE657U	sc	SPEAKER CLUSTER SET		
PS	MOTORIZED PROJECTION SCREEN	RA	RADIO AMPLIFIER, STREETSOUNDS AIRNETIX 910 RX		
FP#	AV FLOOR POCKET	МТ	MASTER TRANSMITTER, STREETSOUNDS AIRNETIX 910 TX		
((•)) ^{VVM}	WIRELESS MICROPHONE ANTENNA	P1	CEILING PROJECTOR		
DMX#	PATHPORT LIGHTING NODE	P2	CEILING PROJECTOR WITH LIFT		

NOTE: REFER TO CABLE MATRIX MASTER SCHEDULE ON SHEET ITS000B.



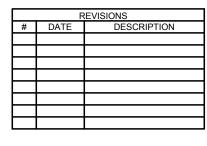
James R. Childers Architect, Inc. 45 South 4th Street Fort Smith, AR 72901 479-783-2480 www.childersarchitect.com





CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

ADDENDUM #13



06/15/2018 17-06

ITS000A

SYMBOLS LIST & DRAWING INDEX

TELECOMMUNICATIONS LABELING TELECOM OUTLET FACEPLATE LABEL TELECOM OUTLET FACEPLATE LABEL RM# - OUTLET# - RACK # IN TELECOM ROOM (RACK 1 IS IN THE 1ST ROW CLOSET TO WALL) ——— OUTLET NUMBER WITHIN ROOM (START W/ "1" IN EACH ROOM). EXAMPLE: MDF, ROW 1, RACK 1 - "RACK 1" WORK AREA ROOM NUMBER. EXAMPLE: RM 102, OUTLET 2 = "102-2". SEE COMMUNICATION DETAILS. BACKBONE CABLE LABEL (LABEL BOTH ENDS) TELECOM OUTLET JACK LABEL TR# - TR# - #PAIRS - TYPE TR# - PP# - JACK# U - UNSHIELD TWISTED PAIR MM - MULTIMODE FIBER OPTIC —— PATCH PANEL JACK OR 110 BLOCK POSITION (1-48) SM - SINGLEMODE FIBER OPTIC PATCH PANEL OR TERMINATION BLOCK NUMBER (A-Z) PAIR OF STRAND COUNT (1 - 600) - TERMINATING TELECOM ROOM. EXAMPLE: IDF 150, PATCH PANEL B, PORT 48 = "150-B-48" — DESTINATION TELECOM ROOM (150, 237, ETC) HORIZONTAL CABLE LABEL AT WORK AREA ORIGINATING TELECOM ROOM (MDF) EXAMPLE: 200-PR FROM MDF TO TR 150 = "MDF-150-200PR-U" TR# - PP# - JACK# — PATCH PANEL JACK OR 110 BLOCK POSITION (1-48) BACKBONE FIBER PATCH PANEL JACK / 110 WIRING BLOCK POSITION LABEL TR# - PP# - JACK# OR POSITION# — PATCH PANEL OR TERMINATION BLOCK NUMBER (A-Z) TERMINATING TELECOM ROOM. PATCH PANEL JACK OR 110 BLOCK POSITION (1-48) EXAMPLE: IDF 150, PATCH PANEL B, PORT 48 = "150-B-48" PATCH PANEL OR TERMINATION BLOCK NUMBER (A-Z) HORIZONTAL CABLE LABEL AT TELECOM ROOM TERMINATING TELECOM ROOM AT OPPOSITE END. EXAMPLE: IDF 150. PATCH PANEL A. PORT 2 = "150-A-2" RM# - OUTLET# - JACK# ☐ JACK NUMBER WITHIN OUTLET (1, 2, 3, 4, 5, 6) GROUND BAR LABEL OUTLET NUMBER IN ROOM (1, 2, 3, 4, ETC) TR# - TYPE WORK AREA ROOM NUMBER. - GROUND BAR TYPE (TGB OR TMGB) EXAMPLE: ROOM 102, OUTLET 2, JACK 3 = "102-2-3" TELECOM ROOM. EXAMPLE: MDF GROUND BAR = "MDF-TMGB" COPPER & FIBER PATCH PANEL LABLE GROUND CONDUCTOR LABEL AT GROUND BAR – PATCH PANEL/ WIRING BLOCK (ALPHA START WITH "A" AT TOP OF 1ST RACK). EQUIP OR DESTINATION EXAMPLE IDF 150. RACK 1. 3RD PATCH PANEL FROM TOP = "C" ITEM GROUNDED AT OPPOSITE END. EXAMPLE: IDF 150, RACK 1 GROUND CONDUCTOR = "RACK 1" COPPER PATCH PANEL JACK LABEL EXAMPLE: TBB FROM IDF 150 TO MDF = "MDF-TBB" RM# - OUTLET# - JACK# JACK NUMBER WITHIN OUTLET (1, 2, 3, 4, 5, 6) OUTLET NUMBER IN ROOM (1, 2, 3, 4, ETC) WORK AREA ROOM NUMBER. EXAMPLE: ROOM 102, OUTLET 2, JACK 3 = "102-2-3"

SITE SPECIFIC NOTES

- 1. TELECOMMUNICATIONS ROOM DIMENSIONS ON THE DRAWINGS HAVE BEEN TAKEN FROM ARCHITECTURAL DRAWINGS. THE SCALE OF THESE DRAWINGS ARE SUFFICIENTLY ACCURATE FOR DETERMINING THE LOCATION OF INFORMATION TECHNOLOGY SYSTEM (ITS) INFRASTRUCTURE COMPONENTS, JUNCTION BOXES, OUTLET BOXES, WIREWAYS, PANELS, ETC. WHERE EXACT DIMENSIONS ARE INDICATED. THE REFERENCE SURFACE SHALL BE THE FINAL FINISHED SURFACE INCLUDING ANY ACOUSTICAL TREATMENT.
- ALL DIMENSIONS MUST BE VERIFIED IN THE FIELD AND ANY DEVIATIONS CAUSING CHANGES EXCEEDING 1.5 INCHES TO THE INTENDED LOCATION OF MAJOR ITS COMPONENTS MUST BE COORDINATED WITH THE ARCHITECT AND DESIGNER PRIOR TO INSTALLATION.
- ANY DEVICE HEIGHT DIMENSIONS SHOWN ARE SUGGESTED PLACEMENTS AND ARE PROVIDED FOR INFORMATION AND COORDINATION ONLY. COORDINATE ALL ELECTRICAL DEVICES AND DIMENSIONED LOCATIONS WITH THE PROJECT DRAWINGS.
- ALL ITS DEVICES SHALL BE SECURELY MOUNTED PLUMB AND STRAIGHT TO WALLS, FLOORS, OR RACK PER THE MANUFACTURER'S RECOMMENDED MOUNTING PRACTICE, UNLESS OTHERWISE INDICATED IN THE ITS DRAWINGS.
- 5. CONDUIT AND PATHWAY ROUTES SHOW INTERCONNECTION BETWEEN THE TERMINATION POINTS AND APPROXIMATE ROUTES. THE EXACT ROUTE OF CONDUIT / PATHWAYS ARE TO BE DETERMINED AND VERIFIED BY CONTRACTOR AND FIELD CONDITIONS.
- ALL ITS SPACES: ER, TR, TC AND DeMARC SHALL HAVE NO LIQUID PIPES LOCATED IN OR ROUTED THROUGH THESE SPACES.
- . ALL ITS SPACES SHALL HAVE 3/4 INCH FIRE RATED PLYWOOD PAINTED WITH TWO (2) COATS OF FIRE RESISTANT PAINT ON ALL WALLS AS SHOWN IN ITS ROOM DIAGRAMS. THE FIRE RATED PLYWOOD SHALL BE CERTIFIED WOOD WITH NO ADDED UREA FORMALDEHYDE RESINS. THE FIRE RATED PLYWOOD IS TO BEGIN 4 INCHES OFF OF FINISHED FLOOR AND END AT 8'4" AFF. ALL ITS SPACES SHALL HAVE ANTI-STATIC TILE.

CABLE MATRIX MASTER SCHEDULE MAINTAIN BEND RADIUS AS DEFINED BY SPECIFIC CABLES MANUFACTURERS. 2 ALL HORIZONTAL CABLING AND CONNECTORS SHALL BE INSTALLED AS A PERMANENT LINK AND BE FROM THE SAME MANUFACTUER. 3 ALL HORIZONTAL CABLING SHALL BE TESTED AND CERTIFIED AS REQUIRED PER THE SPECIFICATIONS. 4 ALL FIBER SHALL BE TERMINATED WITH LC CONNECTORS. TYPE DESCRIPTION MANUFACTURE PART# CAT 6 CABLE PLENUM (BLUE) PANDUIT PUP6004BU-UY CAT 6 CABLE PLENUM (BLACK) PANDUIT PUP6004BL-UY 3 CAT 6A CABLE SHIELDED (BLUE) PANDUIT PFL6X04BU-CEG 4 COMPOSITE BELDEN 558AFS RG6 CATV COAX BELDEN 1189A 6 | 6-STRAND SM FIBER PANDUIT FSDP06Y 24-STRAND 50 MICRON OM3 FIBER PANDUIT FODX24Y 8 24-STRAND SM OM2 FIBER PANDUIT FSDP924Y 9 6-STRAND 50 MICRON OM3 FIBER PANDUIT FOKPX06 10 CAT 5E BACKBONE 25 PAIR GENERAL 2131550E 11 CAT 6 BLUE RJ45 JACK 8 POSITION PANDUIT CJ688TGBU 12 CAT 6BLACK RJ45 JACK 8 POSITION PANDUIT CJ688TGBL 13 CAT 6 ORANGE RJ45 JACK 8 POSITION PANDUIT CJ688TGOR 14 CAT 6 YELLOW RJ45 JACK 8 POSITION PANDUIT CJ688TGYL 15 CAT 6A YELLOW RJ45 SHIELDED JACK 8 POSITION PANDUIT CJS6X88TGYLY 16 | 12/2 SPEAKER BELDEN 6000UE 17 | 22/2 AUDIO CABLE BELDEN 6500FE 18 HDMI DIGITAL RIBBON CABLE, 30 METER FSR DR-PCB-H30M+

. <u></u> .					
MATERIALS SCHEDULE					
DESCRIPTION	MANUFACTURE	PART#	COLOR	SYSTEM	
LC FIBER PANEL, LC 12 PORT OM3	PANDUIT	FAP12WAQDLCZ	AQUA	INFRASTRUCTURE	
LC FIBER PANEL, LC 6 PORT OS1 / OS2	PANDUIT	FAP6WBUDLCZ	YELLOW	INFRASTRUCTURE	
FACEPLATE 4 PORT ANGLED	PANDUIT	UICFPSE4IW	WHITE	INFRASTRUCTURE	
WALL PHONE CAT 6	PANDUIT	KWP6PY	STAINLESS	INFRASTRUCTURE	
WATER RESISTANT POS FACEPLATE	PANDUIT	CFPWR4CIG	GRAY	INFRASTRUCTURE	
FACEPLATE BLANKS	PANDUIT	CMBW-L	WHITE	INFRASTRUCTURE	
PATCH PANEL BLANKS	PANDUIT	CMBBL-C	BLACK	INFRASTRUCTURE	
SURFACE BOX 4 PORT	PANDUIT	CBXC41W-A	WHITE	INFRASTRUCTURE	
PUNCH DOWN RACK MOUNT PANEL	PANDUIT	P110B100R4WJY	WHITE	INFRASTRUCTURE	

INFORMATION TECHNOLOGY SYSTEMS GENERAL NOTES

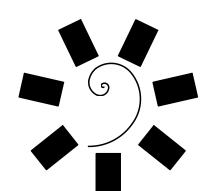
STANDARDS AND CODES: ALL INFORMATION SYSTEMS (ITS) WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) ASI / TIA / EIA AND BICSI STANDARDS. REFERENCE IN DIVISION 27 SPECIFICATIONS AND DIVISION GENERAL REQUIREMENTS.

DIVISION 26 RESPONSIBILITY:

- 1. RACEWAY: INSTALL ALL RACEWAY AS SHOWN ON ITS DRAWINGS INCLUDING MANUFACTURE SUGGESTED SUPPORTS, CONNECTORS AND ANY SEISMIC GRACING. INCLUDE ALL CONDUIT, OUTLET BOXES, JUNCTION BOXES, PULL BOXES, VAULTS, AND PASS THROUGH SLEEVES. UNDER FLOOR / ABOVE CEILING CABLE TRAY OUTSIDE OF ER / TR / TC LOCATIONS.
- 2. ALL 3/4"x4'x8' FIRE RATED PLYWOOD AS SHOWN IN THE ITS ER / TR / TC DRAWING DIAGRAMS.
- 3. ALL OUTLETS SHALL HAVE A SIEMON 5 SQUARE, EXTRA DEEP JUNCTION BOX WITH WIRE MANAGEMENT AND (1) ONE 1" OR THE 1 1/4" CONDUITS AS CONDITIONS REQUIRE TO THE CEILING SPACE WITH A SMOOTH THROAT CONNECTOR, NYLON BUSHING AND 45 DEGREE TURN UP ON THE CONDUIT STUB AS SHOWN IN ITS DIAGRAM.
- 4. ALL DISPLAY, MONITOR, TV, DIGITAL SIGNAGE LOCATIONS SHALL HAVE RECESS OUTLETS TO PROVIDE THE POWER AND DATA CABLES TO BE RECESSED INTO THE WALL ENABLING A FLUSH TO THE WALL MONITOR INSTALLATION AND PROVIDE PROPER BEND RADIUS ON DATA.
- 5. ALL CONDUIT PASS THROUGH SLEEVES SHALL BE INSTALLED WITH NYLON BUSHING PRIOR TO CABLES BEING PULLED. ALL HORIZONTAL CONDUITS SHALL BE SIZED NOT TO EXCEED THE 40% CABLE FILL LIMITS. HORIZONTAL CONDUIT INCLUDES: BACKBONE FIBER OPTICS AND MULTI PAIR, ACCESS CONTROL AND FIRE ALARM.
- 6. ALL POINTS OF ENTRY EITHER INTO OR OUT OF ER / TR / TC LOCATIONS, EITHER IN THE WALL OR THROUGH THE FLOOR SHALL HAVE STI-EASY PATH TYPE CONNECTOR BOXES INSTALLED TO ACCOMMODATE THE APPROPRIATE NUMBER OF PASSING CABLES. SEE ITS ER / TR / TC DIAGRAMS FOR LOCATIONS AND QUANTITY.
- 7. ALL OTHER PENETRATIONS THROUGH FIRE RATED BUILDING STRUCTURES (WALL AND FLOORS) SHALL BE SEALED WITH AN APPROPRIATE UL LISTED FIRE STOP SYSTEM, LISTED TO ASTM E814, AND APPROVED BY THE PROFESSIONAL ENGINEER (PE) OR RECORD.
- 8. GROUDING AND BONDING: ALL ITS RACEWAYS, BUILDING ENTRANCE TERMINALS, BACKBONE CABLE SHIELDS, SHALL BE BONDED AND GROUNDED IN ACCORDANCE WITH THE 2008 NEC ARTICLES 250 AND 800. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL GROUNDING WORK SHOW ON THE ITS DRAWINGS OR LISTED IN THE DIVISION 27 SPECIFICATIONS. THIS INCLUDED BUT LIMITED TO COPPER GROUNDING BUS BARS, GROUNDING CONNECTORS, CONDUIT, GROUNDING BUSHINGS, LUGS, TMGB, TGB. THE ITS CONTRACTOR IS RESPONSIBLE TO PROVIDE AND CONNECT ER / TR / TC RACKS, CABINETS, LADDER TRAY, WIRING BLOCKS WITHIN THE ITS SPACES AS SHOWN ON THE ITS DIAGRAMS OR DESCRIBED IN THE ITS DIVISION 17 SPECIFICATIONS.
- 9. ACCESS DOORS ARE THE RESPONSIBILITY OF THE DIVISION 26 CONTRACTOR.

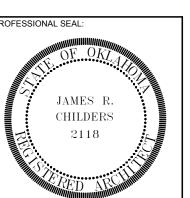
DIVISION 27 RESPONSIBILITY:

- 1. GENERAL REQUIREMENTS: INCLUDE ALL LABOR MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, STORAGE COST, EXCAVATION, TRAINING, INSURANCE, TEMPORARY PROTECTION, PERMITS, INSPECTIONS, TAXES AND ALL OTHER NECESSARY COST AND RELATED ITEMS REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL ITS SYSTEM AS SHOWN ON THE CONTRACT DRAWINGS AND DESCRIBED IN THE DIVISION 27 SPECIFICATIONS. THE WORD "PROVIDE" MEANS FURNISH, INSTALL, FEED, AND CONNECT WITH ALL ACCESSORIES, ASSOCIATED HARDWARE AND DEVICES CONTRACTORS ARE RESPONSIBLE TO COORDINATE AND ENSURE ALL WORK SHOWN ON THE ITS DRAWINGS AND DESCRIBED IN THE DIVISION S SPECIFICATIONS IS COMPLETED. THE DIAGRAMS USED IS THE ITS DRAWING PACKAGE IS DIAGRAMMATIC, FIELD VERIFY ALL DIMENSIONS, LOCATIONS AND LAYOUT. REVIEW ALL ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL AND SPECIAL SYSTEMS AND ADJUST WORK OF MEET THE REQUIREMENTS OR CONDITIONS SHOWN THERE ON. DO NOT SCALE RACEWAY THE ITS PLANS FOR RACEWAY OUTLET, RACK OR EQUIPMENT LOCATIONS.
- THE DIVISION 27 ITS CABLING CONTRACTOR IS RESPONSIBLE FOR INSTALLATION ALL OTHER WORK SHOWN ON THE ITS DRAWINGS AND DIVISION 27 SPECIFICATIONS. THIS INCLUDES BUT LIMITED TO ALL HORIZONTAL CABLING, BACKBONE FIBER AND MULTI PAIR, ITS FACEPLATES AND OUTLET MODULES, WIRING BLOCKS, PATCH PANELS, FIBER BOXES, LADDER TRAY WITH SUPPORTS, CONNECTORS, EQUIPMENT CABINETS, PDU'S WIRE MANAGEMENT, SADDLES OR LOOPS, VELCRO WRAPPING, PATCH CORDS, CROSS CONNECTS, LABELING, CABLE TESTING AND CERTIFICATION.
- EQUIPMENT RACKS AND CABINETS: ALL ITS EQUIPMENT RACKS AND CABINETS SHALL BE 84" HIGH WITH 19" RACK MOUNTING SPACES UNLESS OTHERWISE NOTED, SHALL BE MOUNTED WITH (4) FOUR 5/8" CONCRETE EXPANSION ANCHORS. RACKS AND CABINETS SHALL BE SECURED TO THE LADDER RACK WITH THE MANUFACTURES RUNWAY ELEVATION KIT AND SUPPORT CLAMPS. RACKS AND CABINETS SHALL BE SEISMICALLY BRACED IN ACCORDANCE WITH LOCAL BUILDING CODES.
- <u>SUPERVISION:</u> ALL WORK SHALL BE SUPERVISED BY A MANUFACTURE CERTIFIED TECHNICIAN AND ALL DRAWINGS, SUBMITTALS SHALL BE SIGNED BY RCDD DESIGN PROFESSIONAL.
- CABLE MAINTENANCE: THE MAXIMUM CALBE LENGTH BETWEEN THE WORK AREA OUTLET AND THE TERMINATION WITHIN THE ER / TR / TC (PERMANENT LINK) SHALL NOT EXCEED 295 FEET. NOTIFY THE ENGINEER PRIOR OF HORIZONTAL CABLES LONGER THAN 295 FEET PRIOR TO INSTALLATION, PROVIDE SERVICE LOOP AT THE ENTRANCE AND EXITS OF CONDUIT. PROVIDE A MINIMUM OF 20' OF SLACK (LOOP) TO ALLOW FOR MINOR RELOCATIONS OF RELAY RACK. PROVIDE A MINIMUM OF 20' MAINTENANCE LOOP FOR COPPER MULTI PAIR AND FIBER OPTIC BACKBONE CABLES AND SHALL BE STORED ON THE LADDER TRAY OR IN A FIGURE EIGHT FORMAT ON THE PLYWOOD BACKBOARD. ALL CABLES SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, NEATLY AND LOOSELY BUNDLED IN GROUPS OF NO MORE THAN (24) TWENTY FOUR CABLES, WRAPPED WITH VELCRO AT 1" CENTERS INSIDE THE ER / TR / TC LOCATIONS.
- 6. NO DATA CABLE SHALL BE PAINTED, OR HAVE OVER SPRAY. CONTRACTOR TO ASSURE THAT ALL PAINTING IS DONE PRIOR TO CALBE INSTALLATION.
- TESTING / CERTIFICATION: ALL ITS CABLING SHALL BE TESTED AND CERTIFIED ACCORDANCE WITH THE DIVISION 27 SPECIFICATONS. TESTING SHALL BE DOWN TO THE PERMANENT LINK STANDARD, WITH A TESTER APPROVED BY THE MANUFACTURE CERTIFIED TEST REPORTS IN RAW TESTER FORMAT SHALL BE SUBMITTED IN BINDERS AND ELECTRONICALLY FOR APPROVAL AT THE COMPLETION OF THE PROJECT. COPPER AND FIBER TEST RESULTS SHALL BE SEPARATED WITHIN.
- MARRANTY / GUARANTEE: THE ITS STRUCTURED CABLING SYSTEM SHALL BE INSTALLED BY A CERTIFIED ITS CONTRACTOR FOR THE SYSTEM IDENTIFIED IN THE ITS DRAWINGS OR AS LISTED IN THE DIVISION 27 SPECIFICATIONS. THE SYSTEM SHALL INCLUDE A COMPLETE PERMANENT LINK SOLUTION BY ONE SPECIFIC MANUFACTURE AS NOTED ON THE DRAWING, AND CARRY A MINIMUM TWENTY YEAR MANUFACTURE WARRANTY. BACKBONE FIBER OPTIC CABLING SHALL INCLUDING TERMINATIONS SHALL CARRY A MINIMUM OF TWENTY YEAR MANUFACTURE WARRANTY. ALL WARRANTY INFORMATION, REGISTRATION AND CERTIFIED DOCUMENTS SHALL BE PROVIDED TO THE OWNER OR OWNER'S REPRESENTATION PRIOR TO COMPLETION OF THE PROJECT. THE COMPLETE ITS STRUCTURED CABLING SYSTEMS AND ALL PORTIONS THERE IN AS COVERED IN THE CONTRACT DRAWINGS SHALL BE GUARANTEED TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR A MINIMUM PERIOD OF (1) ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. PROMPTLY REMEDY SUCH DEFECTS AND ANDY SUBSEQUENT DAMAGE CAUSED BY THE DEFECTS OR REPAIR THEREOF AT NO EXPENSE TO THE OWNER.
- CLOSE OUT DOCUMENTS: AS BUILT / RECORD DRAWINGS SHALL BE SUBMITTED PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL PROVIDE (1) ONE SET OF REPRODUCIBLE MEDIUM, (1) ONE SET IN (DWG) FORMAT ELECTRONICALLY, INDICATING THE FOLLOWING ADDITIONAL INFORMATION. EXACT TOUTING OF BASKET TRAY, END TO END HORIZONTAL CONDUIT PATHWAY 2" OR GREATER, OUTLET ID / LABELS MATCHING THE TEST REPORTS, ANDY MOVES, ADDS OR CHANGED MADE DURING THE CONSTRUCTION PROCESS. CONTRACTORS NAME, ADDRESS, AND PHONE NUMBER SHALL BE CLEANLY IDENTIFIED ON ALL PAGES. CLOSE OUT OF DRAWINGS SHALL BE CLEARLY DRAWN WITH A DRATING APPEARANCE EQUAL TO THE ORIGINAL DRAWING.



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CONSULTANT LOGO:



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ROJECT PHASE:

ADDENDUM #13

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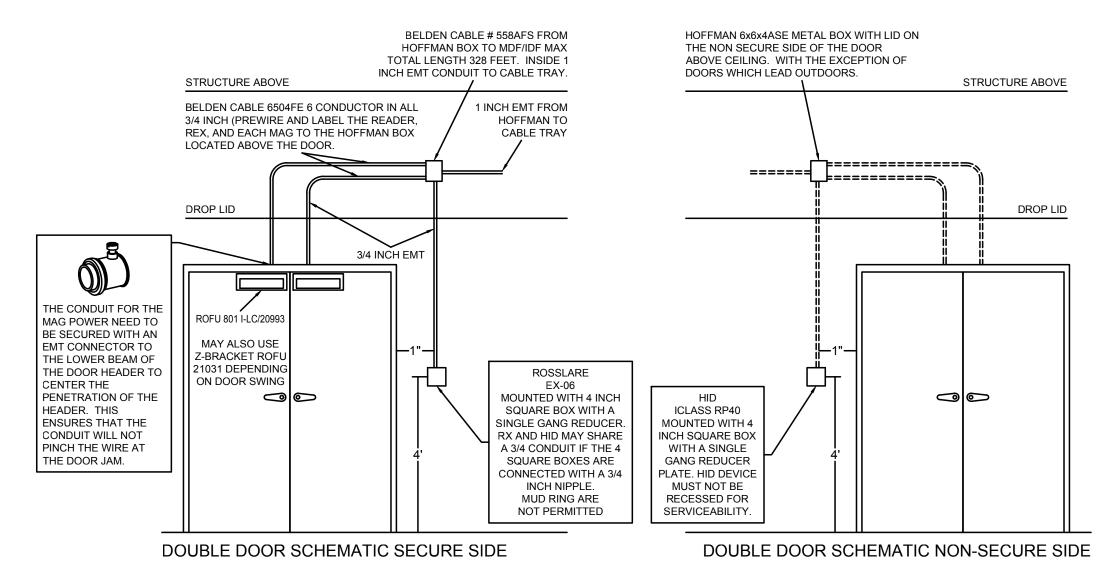
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GENERAL NOTES, SPECIFICATIONS & SCHEDULES OTHER DOOR HARDWARE - MUST BE DESIGNED TO ACCOMMODATE THE ACCESS CONTROL SYSTEM. ANY FIRE MEASURES, DAMPENERS, CLOSERS MUST ALLOW ROOM FOR THE ACCESS CONTROL TO FIT THE DOOR. THIS IS MOSTLY TO ALLOW THE ROFU 8011 ITS MOUNTING SPACE. ALSO MECHANICAL LOCKSETS MUST NOT AUTOMATICALLY LOCK AND REQUIRE A KEY FOR ENTRY AND EXIT.

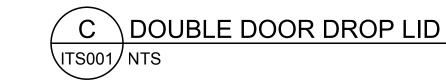
ADA COMPLIANCE: MUST BE OBSERVED FOR ALL DOOR CONTROLS, READERS AND REQUEST TO EXIT DEVICES AND ALL ADA ASSIST DEVICES AS DOOR OPENING DEVICES MUST INTEGRATE INTO THE ACCESS CONTROL SYSTEM VIA A WIRED DRY CONTACT CONNECTION.

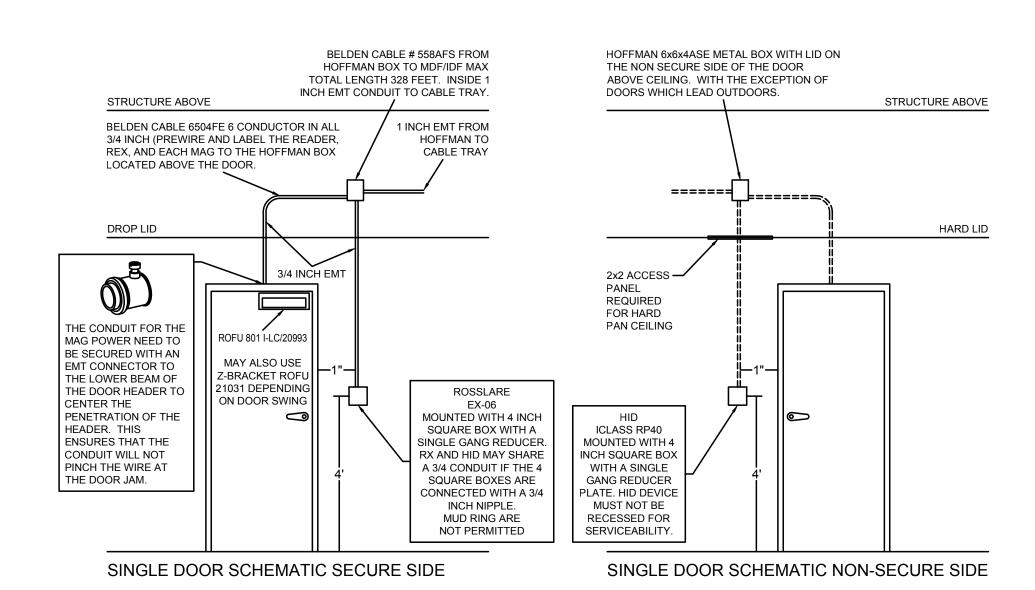




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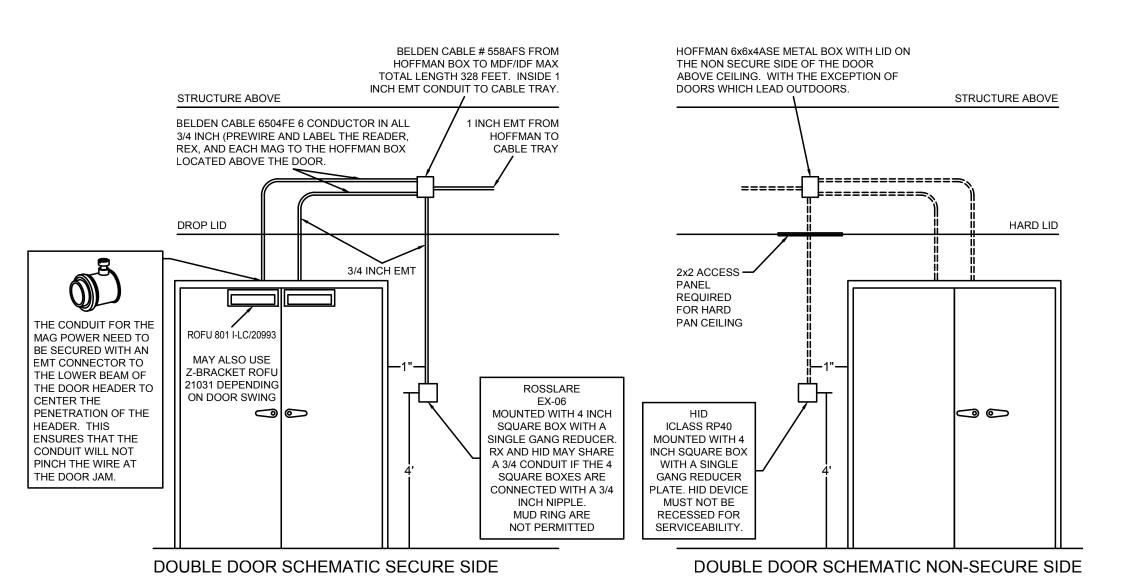




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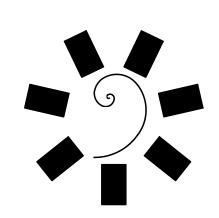




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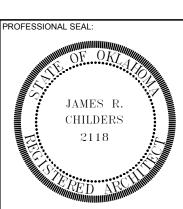
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D DOUBLE DOOR HARD LID



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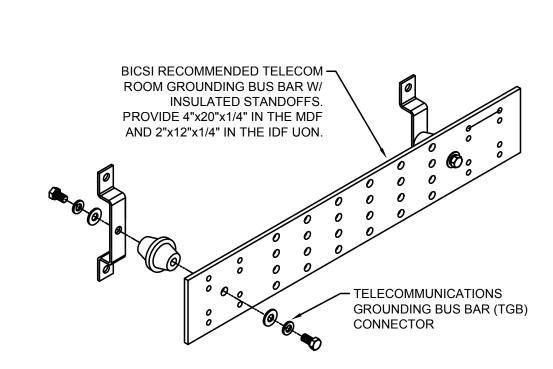
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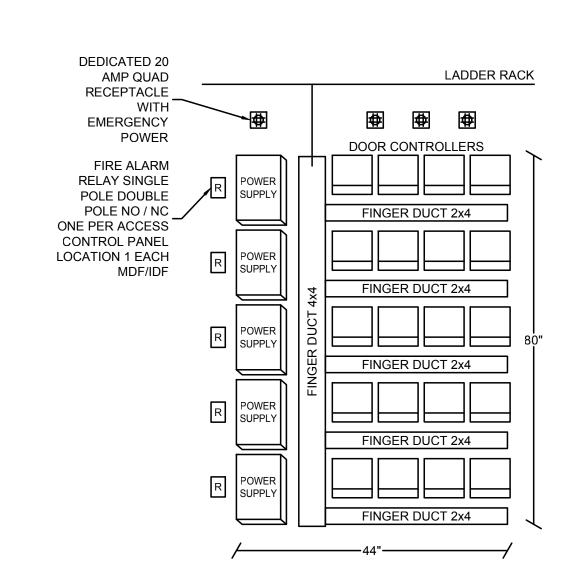
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SECURITY PLAN DIAGRAMS

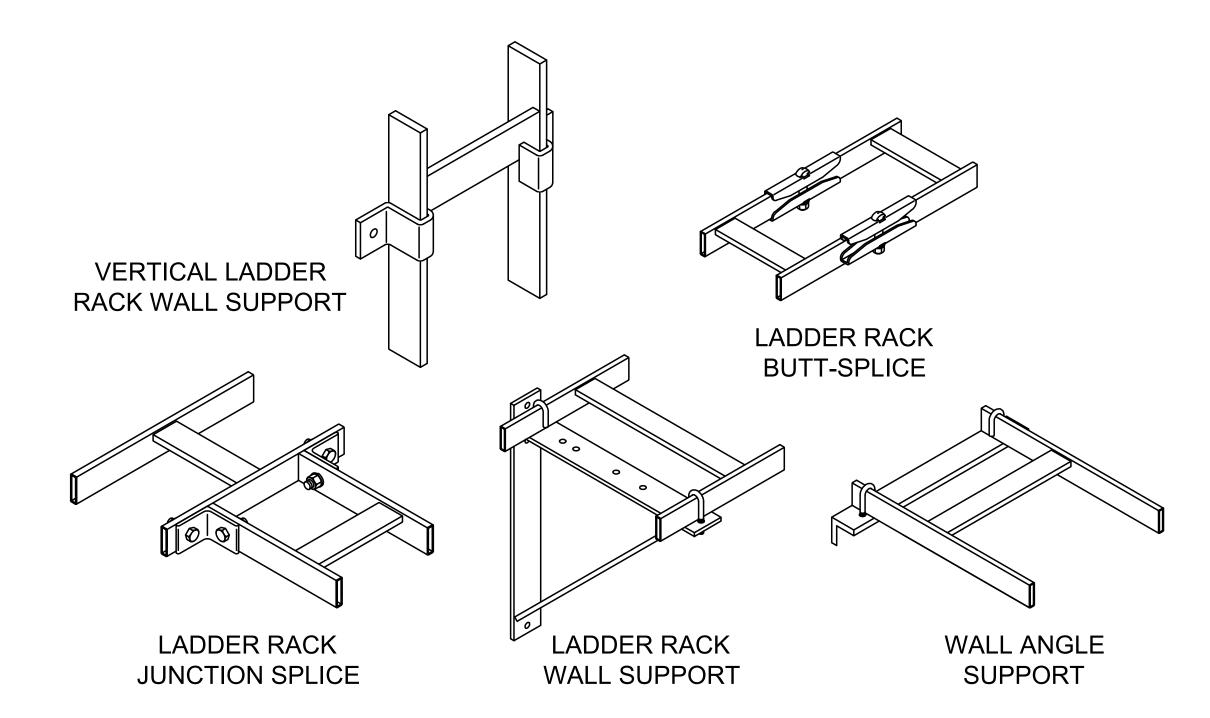




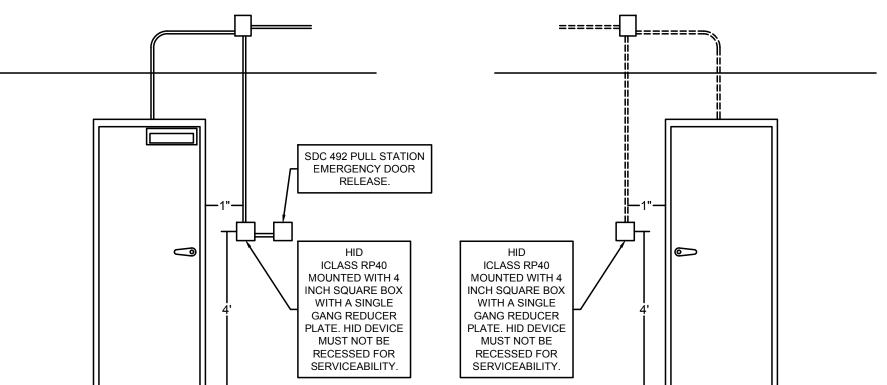
1/8" = 1'-0"



B ACCESS CONTROL BACKBOARD VITS002/NTS



D \LADDER RACK DETAILS VITS002/NTS



SINGLE DOOR SCHEMATIC SECURE SIDE

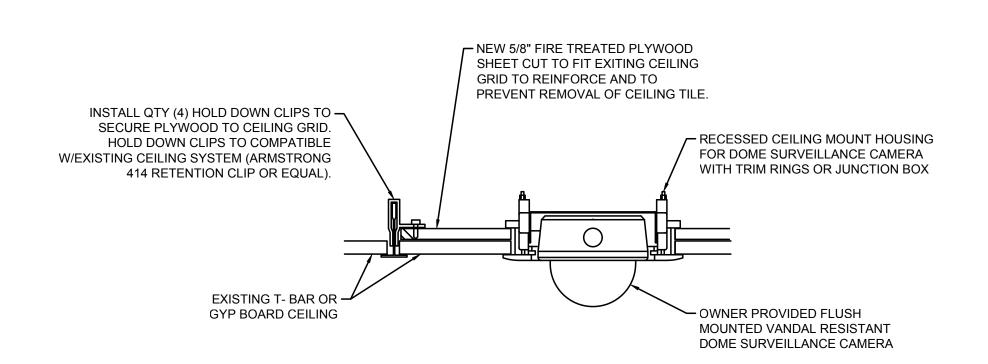
SINGLE DOOR SCHEMATIC NON-SECURE SIDE

492 PULL STATION EMERGENCY DOOR RELEASE - IN SOME CASES ITS NECESSARY TO CONTROL WHO OR WHEN SOMEONE ENTERS AND LEAVES AN AREA, TO DO THIS DUAL READERS ARE NECESSARY. FOR SAFETY WE INSTALL THIS EMERGENCY DOOR RELEASE INSIDE THE SECURE AREA AS INDICATED ON THE ACCESS CONTROL PRINT. INSIDE A SECOND 4 INCH SQUARE BOX REDUCED TO A SINGLE GANG OPENING THAT'S TIED TO THE OTHER TWO BOXES ALREADY IN PLACE, WITH A 3/4 INCH NIPPLE THAT SHOULD BE LOCATED WITHIN 12 INCHES OF THE SECURE SIDE READER.

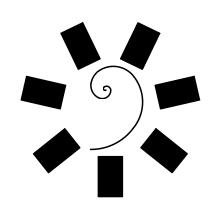
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THIS SHEET ONLY SPECIFIES THE DETAIL FOR THE DOUBLE READER AND THE ADDITION OF THE SDC 492 PULL STATION - EMERGENCY DOOR RELEASE. FOR OTHER DETAILS SEE THE DOORS SPECIFIC DOOR SPECIFICATIONS SHEET.





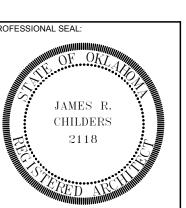




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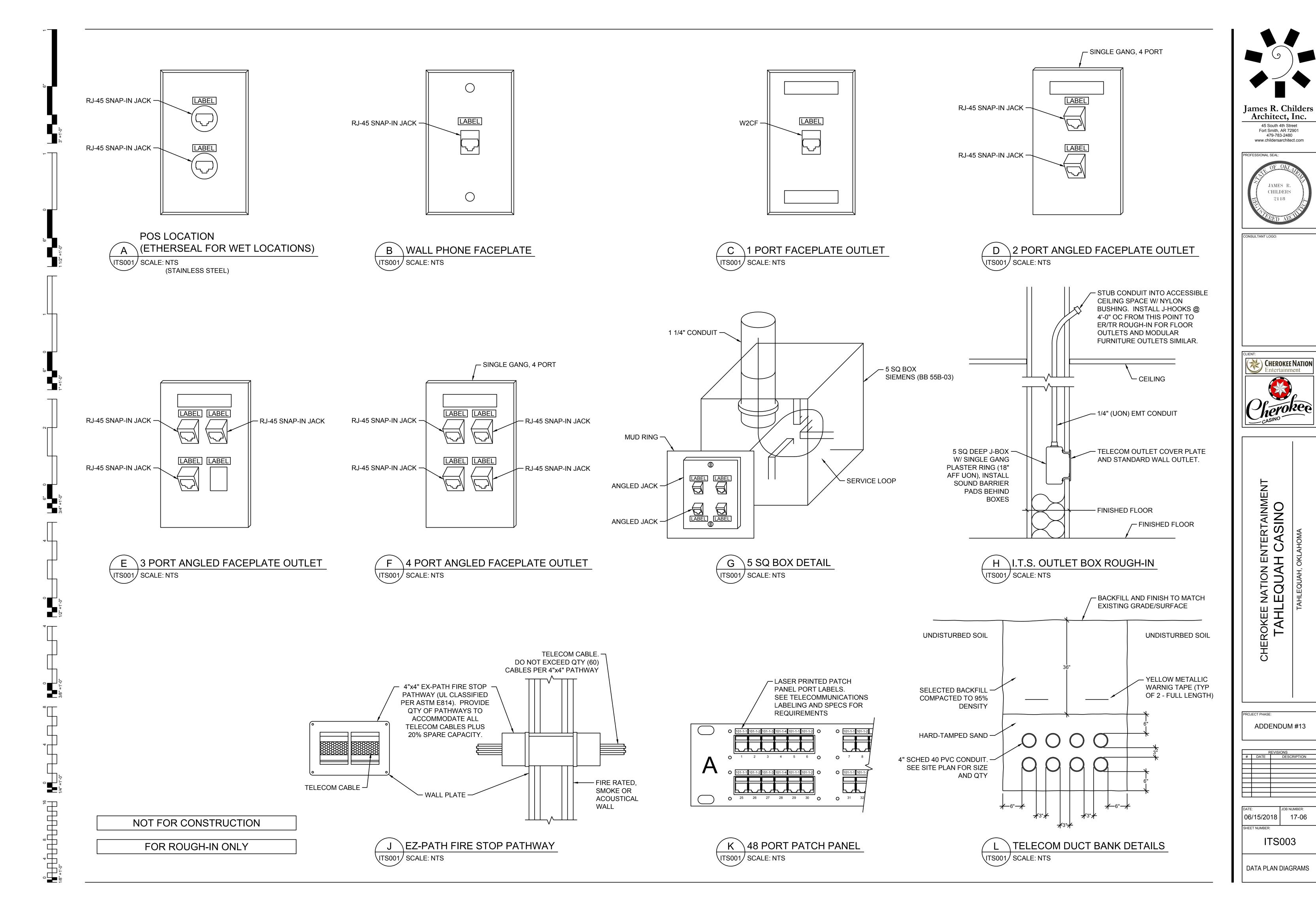
CHEROKEE NATION ENTERTAINM TAHLEQUAH CASINO

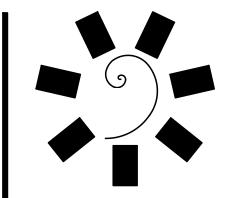
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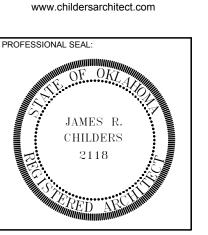
SECURITY PLAN DIAGRAMS





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TAHLEQUAH CASINO

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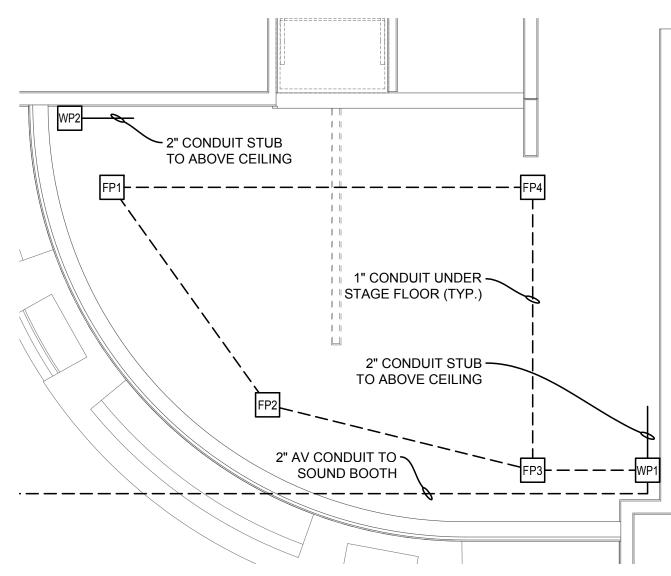
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LOW VOLTAGE CONDUIT PLAN AREA 1

1/8" = 1'-0"



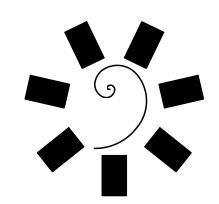
ENLARGED STAGE CONDUIT PLAN
1/4" = 1'-0"

---- CONDUIT IN FLOOR OR BELOW GRADE
----- CONDUIT IN WALL OR ABOVE CEILING



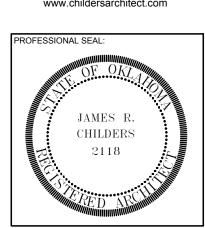
LOW VOLTAGE CONDUIT PLAN

1/16" = 1'-0"



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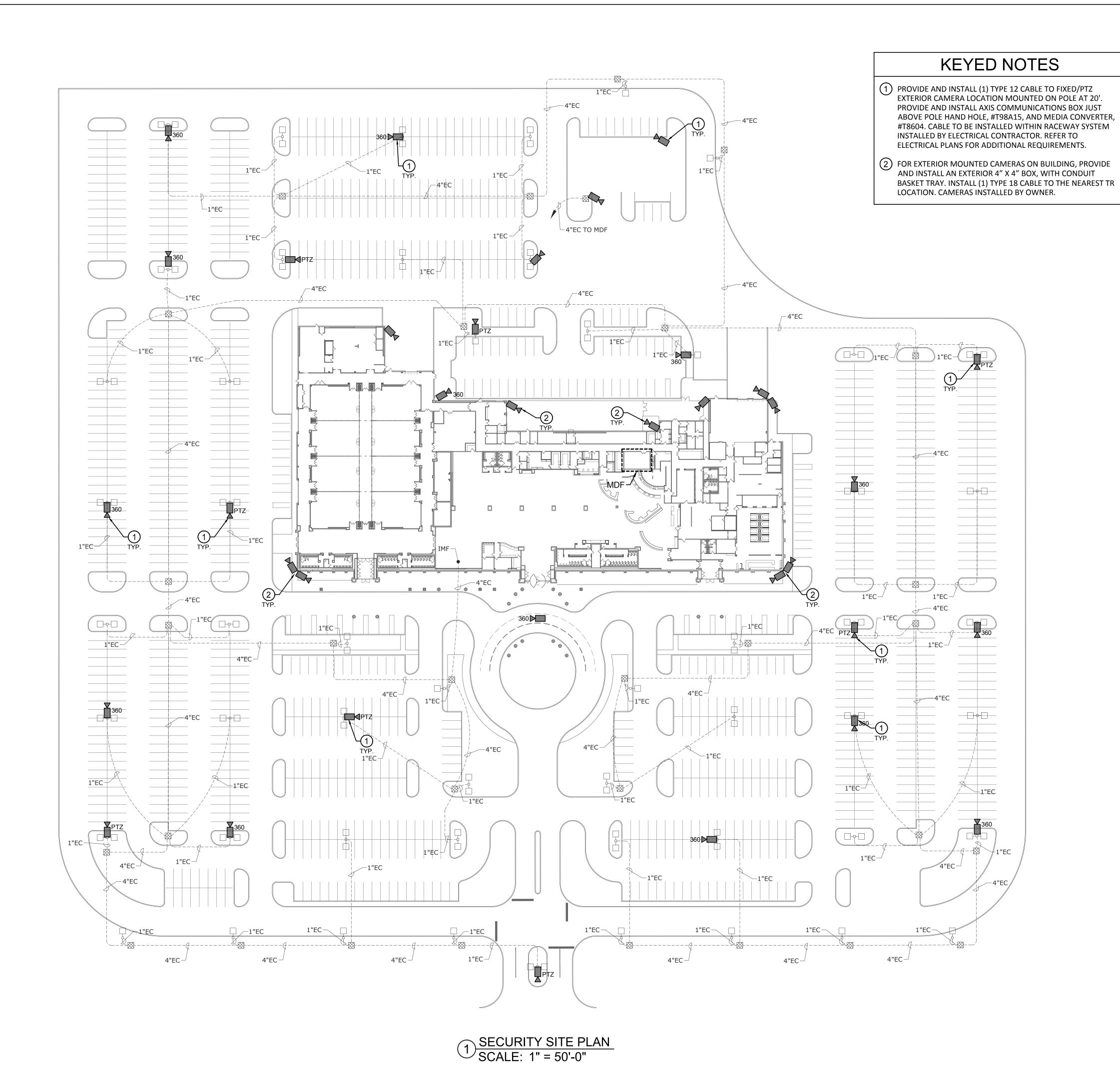
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LOW VOLTAGE CONDUIT PLAN AREA 2



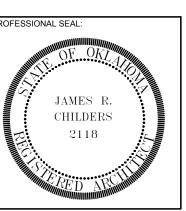
GENERAL NOTES

- 1. ALL CABLES SHALL ROUTE BACK TO THE APPROPRIATE ER/TR/TC ROOM. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY CONDUIT, CONDUIT FITTINGS, JUNCTION BOXES, J-HOOKS AND WIRE BASKET TO CREATE A COMPLETE PATHWAY.
- 2. SURVEILLANCE CAMERAS TO BE TERMINATED TO SEPARATE PATCH PANELS IN ER/TR/TC ROOM.
- THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT. LOOP SHALL BE OF PROPER SIZE FOR THE AMOUNT OF CABLE WITHIN. NO BUNDLE SHALL HAVE MORE THAN 24 CABLES.
- PROVIDE ALL SLEEVES AND CONDUIT STUB-UPS WITH NYLON BUSHING PRIOR TO PULLING CABLE.
- . NO CABLE SHOULD DROOP MORE THAN 6" OR TOUCH OTHER SYSTEM CABLES, PIPES, DUCTS, OR CEILING SUPPORTS AND MAXIMUM SPACING BETWEEN CABLE SUPPORTS SHALL NOT EXCEED 4'. THERE SHALL BE A MINIMUM SEPARATION OF 6" BETWEEN LIGHT FIXTURES AND ELECTRICAL SOURCES.
- 5. LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAM FOR ADDITIONAL INFORMATION.
- 7. CONTRACTOR SHALL ROUTE DATA AND SURVEILLANCE CABLES IN THE SAME BASKET TRAY, SLEEVES OR CONDUIT BACK TO THE APPROPRIATE ER/TR/TC ROOM.
- 8. COIL 10' OF SPARE CAT 6 SURVEILLANCE CABLING AT EVERY CAMERA LOCATION UISING ARLINGTON LOOPS FOR FINAL CAMERA INSTALLATION.
- 9. PROVIDE ALL DEVICES AND EQUIPMENT WITH MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND OPERABLE INSTALLATION.
- 10. PROVIDE ALL AS-BUILT DRAWINGS IN DWG & PDF FORMATS TO THE OWNERS REPRESENTATIVE AT CONCLUSION OF THE JOB.
- 11. PROVIDE FIRE STOPPING AS REQUIRED BY CODE FOR ALL FLOOR AND WALL PENETRATIONS AND FOR ALL CONDUITS ENTERING THE TELECOM ROOM PROVIDE DRAWINGS AND PERMITS AS REQUIRED.
- 12. NO CABLE SHALL BE INSTALLED PRIOR TO ANY CEILING PAINTING. SURVEILLANCE CABLES ARE NOT TO BE PAINTED. ANY PAINT, OVER SPRAY, OR BRUSH MARKS ARE TO BE REMOVED PRIOR TO TESTING AND CERTIFICATION.
- 13. ALL HORIZONTAL CABLE SYSTEMS SHALL COME WITH AN EXTENDED MANUFACTURERS WARRANTY. TEST, CERTIFY AND SUBMIT WARRANTY INFORMATION FOR ALL HORIZONTAL COPPER CABLES USING PERMANENT LINK METHOD. TEST TO BE PERFORMED WITH A MANUFACTURE APPROVED TESTER TO THEIR SPECIFICATIONS AND STANDARDS. NOTE: FLUKE *DTX-1800 IS THE PREFERRED TESTER. PROVIDE OWNERS REPRESENTATIVE COPIES OF ALL TEST RESULTS SUBMITTED TO MANUFACTURER IN RAW TESTER FORMAT.
- 14. ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER.
- 15. SEE CABLE MATRIX ON ITS COVER SHEET FOR CABLE TYPES AND PART NUMBERS.
- 16. ALL CAMERAS ARE TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR.
- 17. ALL CAMERA LOCATIONS WILL HAVE A 6' FLEXIBLE WHIP EXTENDING FROM THE GARVIN 4 SQUARE BOX. CONTINUE 12" OF CABLE INTO EACH BACK BOX OF EACH CAMERA.
- 18. ALL PTZ AND 360° CAMERA LOCATIONS WILL HAVE A 6', 3/4" FLEXIBLE CONDUIT FROM JUNCTION BOX, WITH A 7-5/8" HOLE CUTOUT. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- ALL DEVICES, EQUIPMENT, AND CABLING SHOWN SHALL BE TIA COMPLIANT AND INSTALLED PER 2008 NEX ARTICLE 800.
- 20. PROVIDE AND INSTALL DYMO #18055 SHRINK TUBE LABELS, 2" FROM MODULAR PLUG ON BOTH ENDS.
- 21. COORDINATE ALL CAMERA LOCATIONS WITH OWNER PRIOR TO INSTALLING BOXES AND CONDUITS.

6

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CONSULTANT LOGO:



NATION ENTERTAINMEN-EQUAH CASINO

DJECT PHASE:

ADDENDUM #13

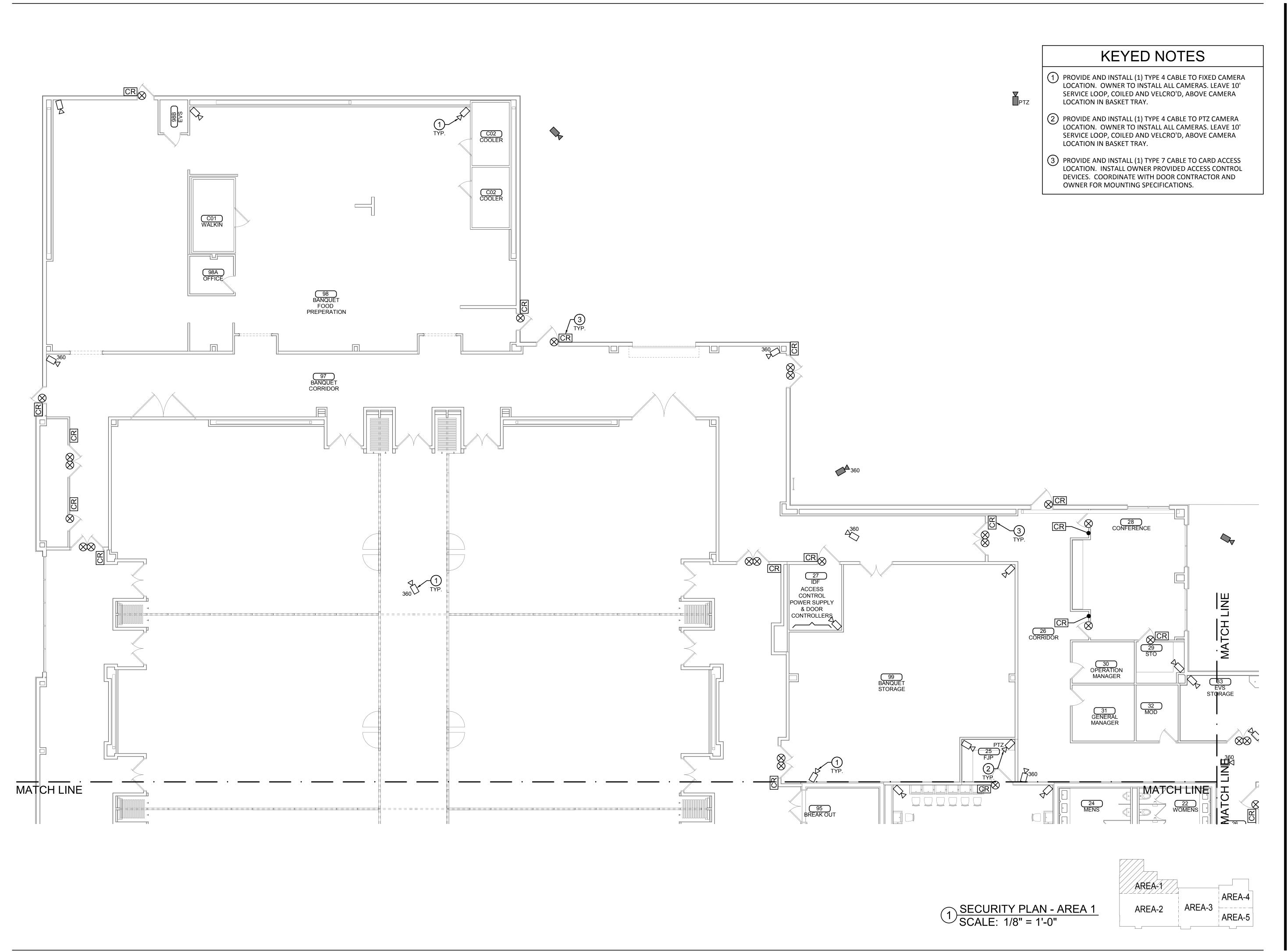
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DATE	DESCRIPTION

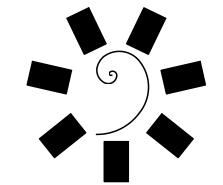
DATE: JOB NUMBER: 17-06

SHEET NUMBER:

ITS100

SECURITY SITE PLAN





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CHILDERS
2118

CONSULTANT LOGO:

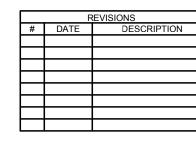
CHEROKEE NATION Entertainment

Cherokee

TAHLEQUAH CASINO

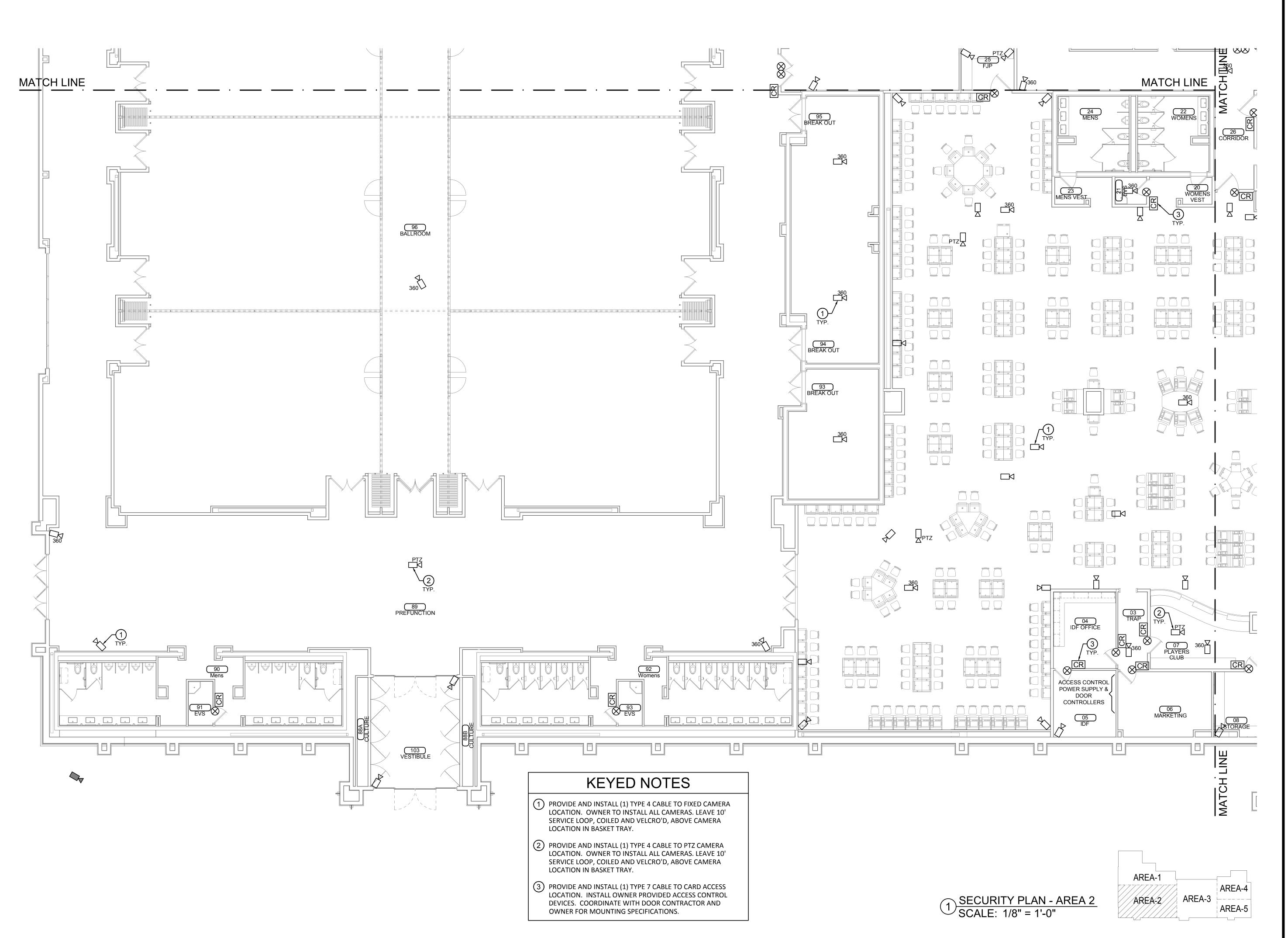
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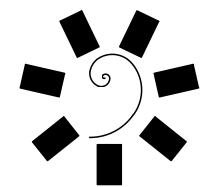


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ITS101

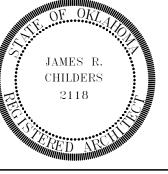


1/8" =1'-0"



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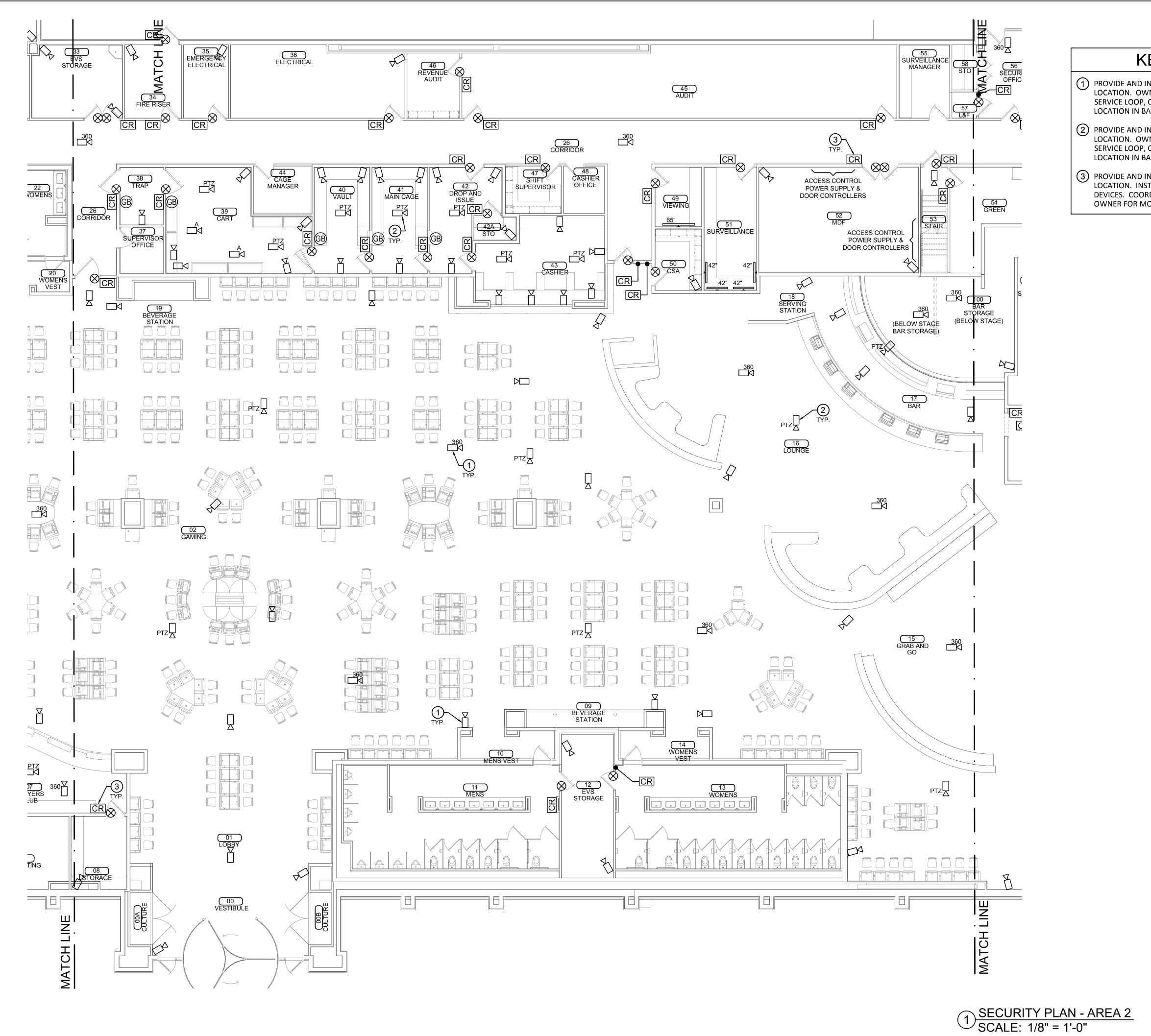


CHEROKEE NATION ENTERTAINM TAHLEQUAH CASINO

ADDENDUM #13

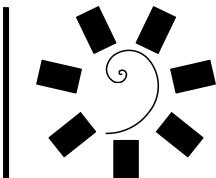
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ITS102



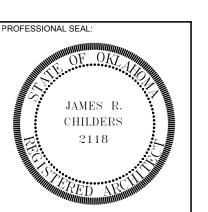


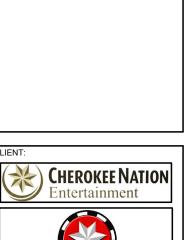
- 1 PROVIDE AND INSTALL (1) TYPE 4 CABLE TO FIXED CAMERA LOCATION. OWNER TO INSTALL ALL CAMERAS. LEAVE 10' SERVICE LOOP, COILED AND VELCRO'D, ABOVE CAMERA LOCATION IN BASKET TRAY.
- (2) PROVIDE AND INSTALL (1) TYPE 4 CABLE TO PTZ CAMERA LOCATION. OWNER TO INSTALL ALL CAMERAS. LEAVE 10' SERVICE LOOP, COILED AND VELCRO'D, ABOVE CAMERA LOCATION IN BASKET TRAY.
- (3) PROVIDE AND INSTALL (1) TYPE 7 CABLE TO CARD ACCESS LOCATION. INSTALL OWNER PROVIDED ACCESS CONTROL DEVICES. COORDINATE WITH DOOR CONTRACTOR AND OWNER FOR MOUNTING SPECIFICATIONS.



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CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

ADDENDUM #13

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06/15/2018 17-06

AREA-4

AREA-5

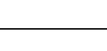
AREA-2

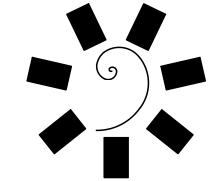
ITS103

1/8" = 1'-0"

KEYED NOTES

- PROVIDE AND INSTALL (1) TYPE 4 CABLE TO FIXED CAMERA LOCATION. OWNER TO INSTALL ALL CAMERAS. LEAVE 10' SERVICE LOOP, COILED AND VELCRO'D, ABOVE CAMERA LOCATION IN BASKET TRAY.
- (2) PROVIDE AND INSTALL (1) TYPE 4 CABLE TO PTZ CAMERA LOCATION. OWNER TO INSTALL ALL CAMERAS. LEAVE 10' SERVICE LOOP, COILED AND VELCRO'D, ABOVE CAMERA LOCATION IN BASKET TRAY.
- (3) PROVIDE AND INSTALL (1) TYPE 7 CABLE TO CARD ACCESS LOCATION. INSTALL OWNER PROVIDED ACCESS CONTROL DEVICES. COORDINATE WITH DOOR CONTRACTOR AND OWNER FOR MOUNTING SPECIFICATIONS.





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ADDENDUM #13

06/15/2018 17-06

AREA-3

AREA-5

AREA-2

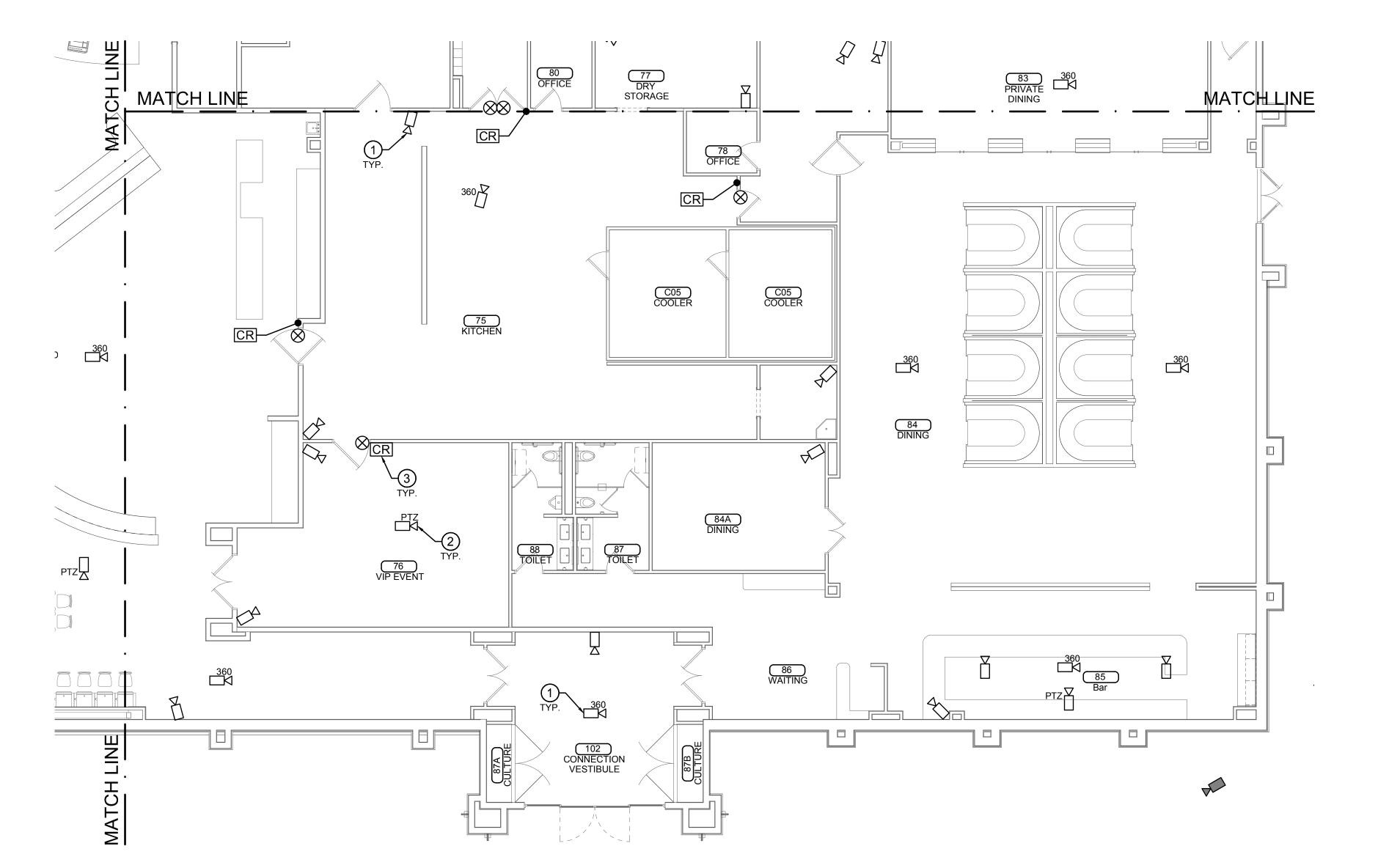
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FIRST FLOOR SECURITY PLAN - AREA 4

1 SECURITY PLAN - AREA 4 SCALE: 1/8" = 1'-0"

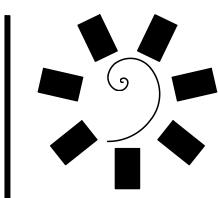
KEYED NOTES

- 1 PROVIDE AND INSTALL (1) TYPE 4 CABLE TO FIXED CAMERA LOCATION. OWNER TO INSTALL ALL CAMERAS. LEAVE 10' SERVICE LOOP, COILED AND VELCRO'D, ABOVE CAMERA LOCATION IN BASKET TRAY.
- 2 PROVIDE AND INSTALL (1) TYPE 4 CABLE TO PTZ CAMERA LOCATION. OWNER TO INSTALL ALL CAMERAS. LEAVE 10' SERVICE LOOP, COILED AND VELCRO'D, ABOVE CAMERA LOCATION IN BASKET TRAY.
- PROVIDE AND INSTALL (1) TYPE 7 CABLE TO CARD ACCESS LOCATION. INSTALL OWNER PROVIDED ACCESS CONTROL DEVICES. COORDINATE WITH DOOR CONTRACTOR AND OWNER FOR MOUNTING SPECIFICATIONS.



16 1/8" = 1'-0"

1 SECURITY PLAN - AREA 5 AREA-2 AREA-3 SCALE: 1/8" = 1'-0"



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ONSULTANT LOGO:



CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH, OKLAHOMA

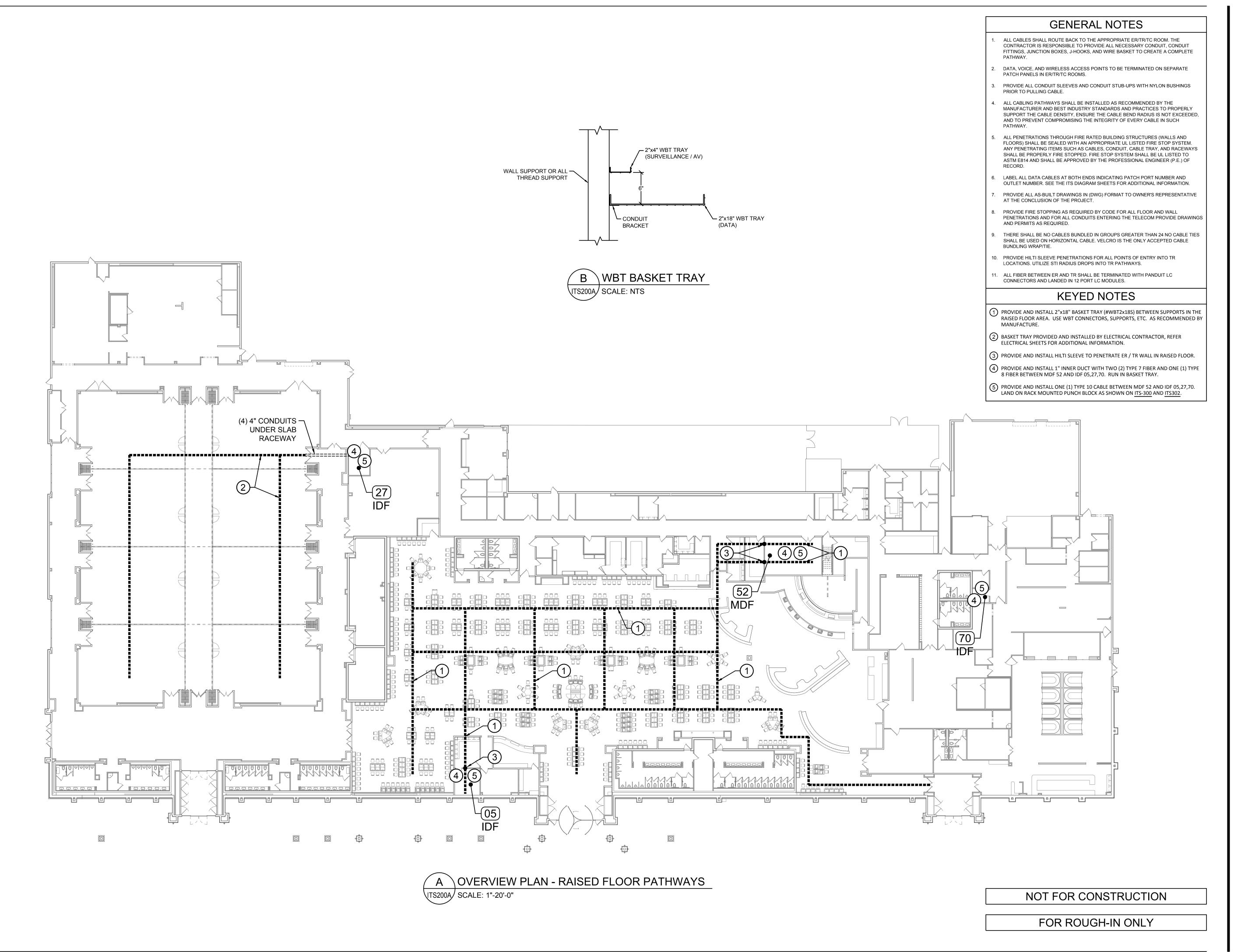
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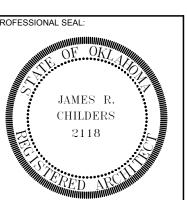
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CONSULTANT LOGO:



RTAINMENT

CHEROKEE NATION ENTERTAINM

TAHLEQUAH, OKLAHOMA

CT PHASE:

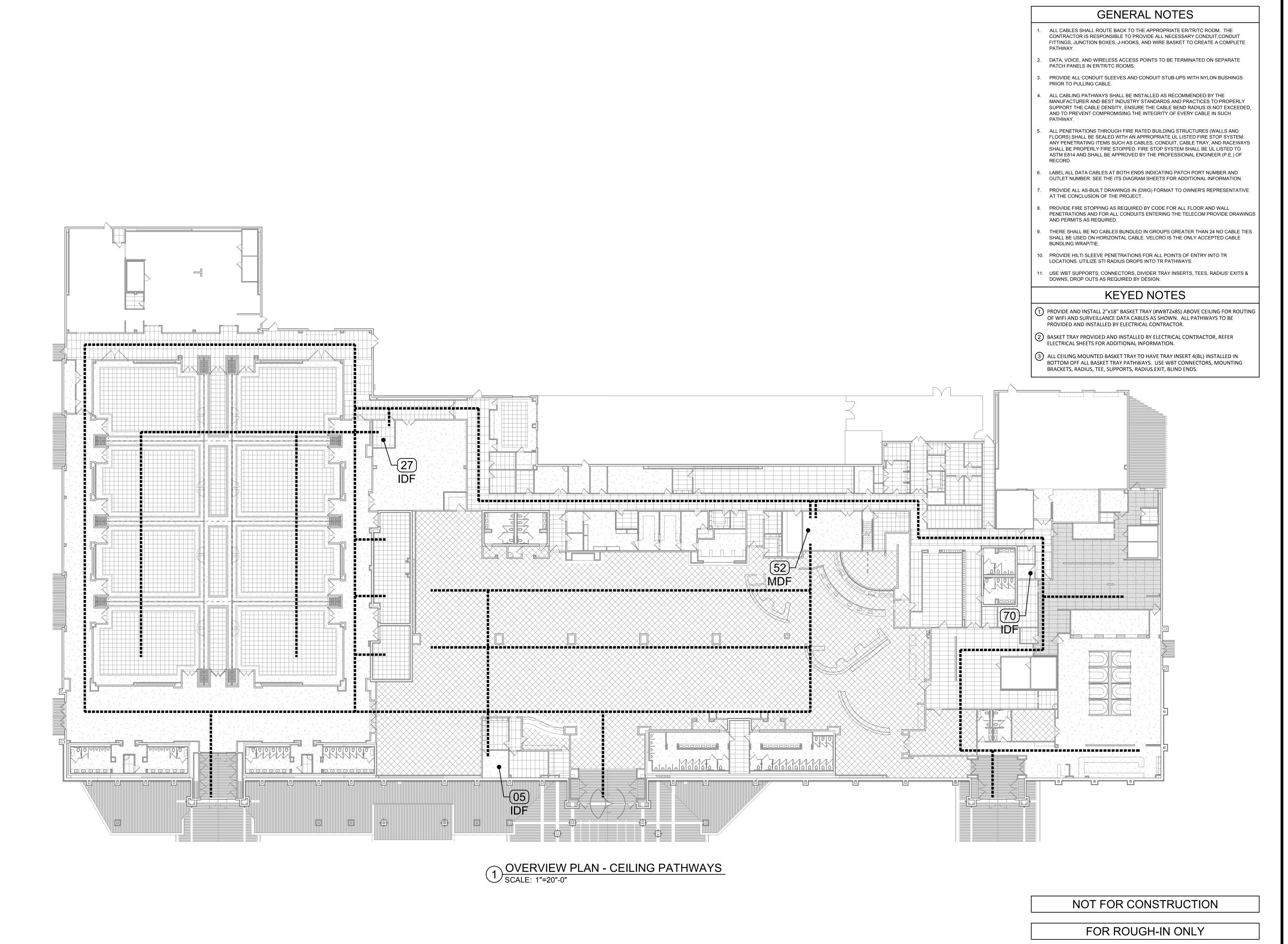
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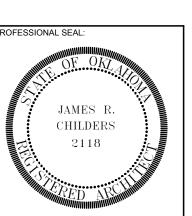
ITS200A

OVERVIEW PLAN RAISED FLOOR PATHWAYS





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CONSULTANT LOGO:



CHEROKEE NATION ENTERTAINMEN

TAHLEQUAH OKLAHOMA

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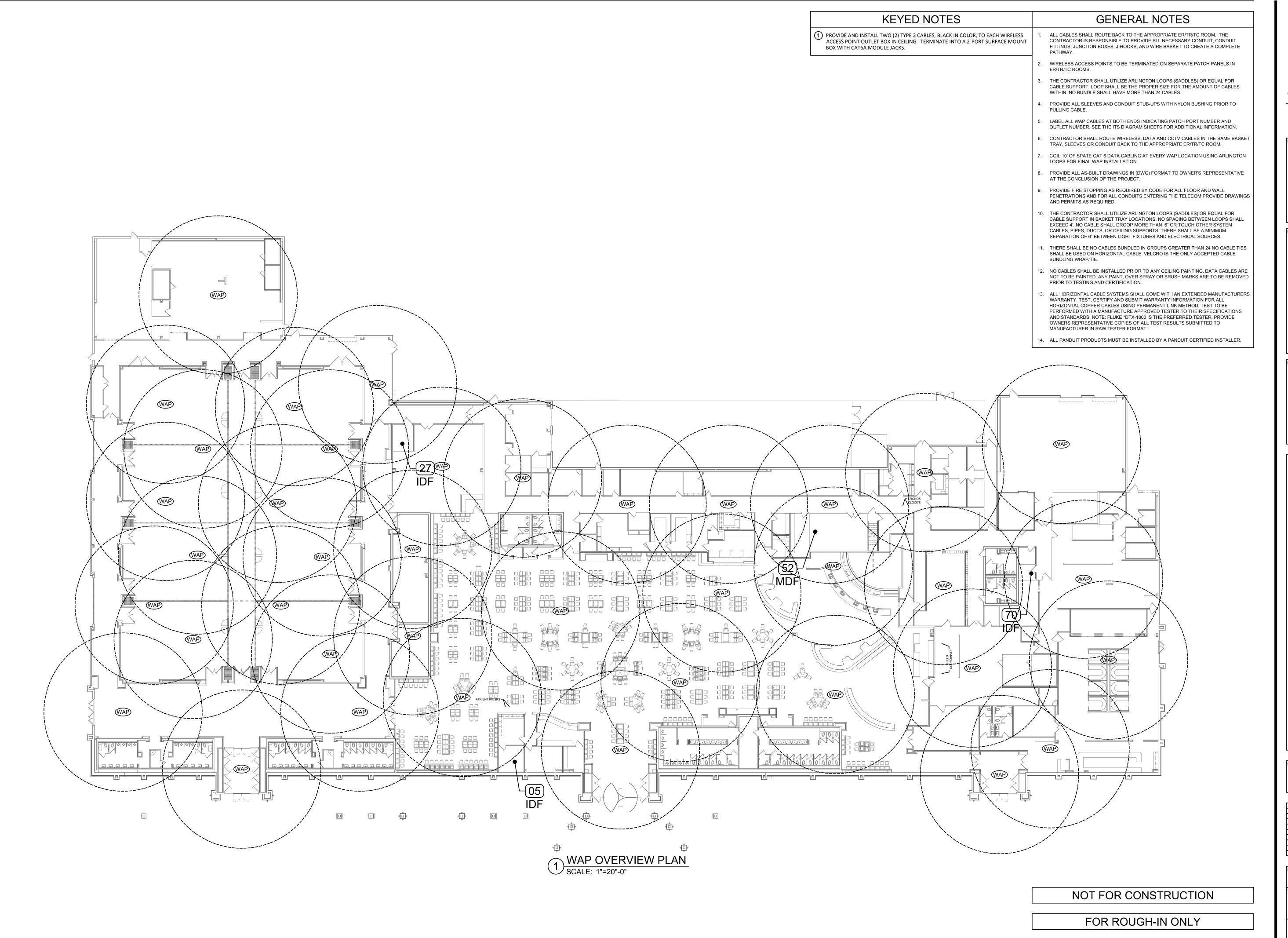
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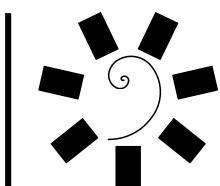
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DATE: JOB NUMBER: 17-06

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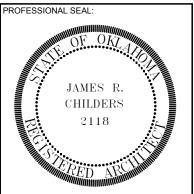
OVERVIEW PLAN CEILING PATHWAYS





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CONSULTANT LOGO:



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

CT PHASE:

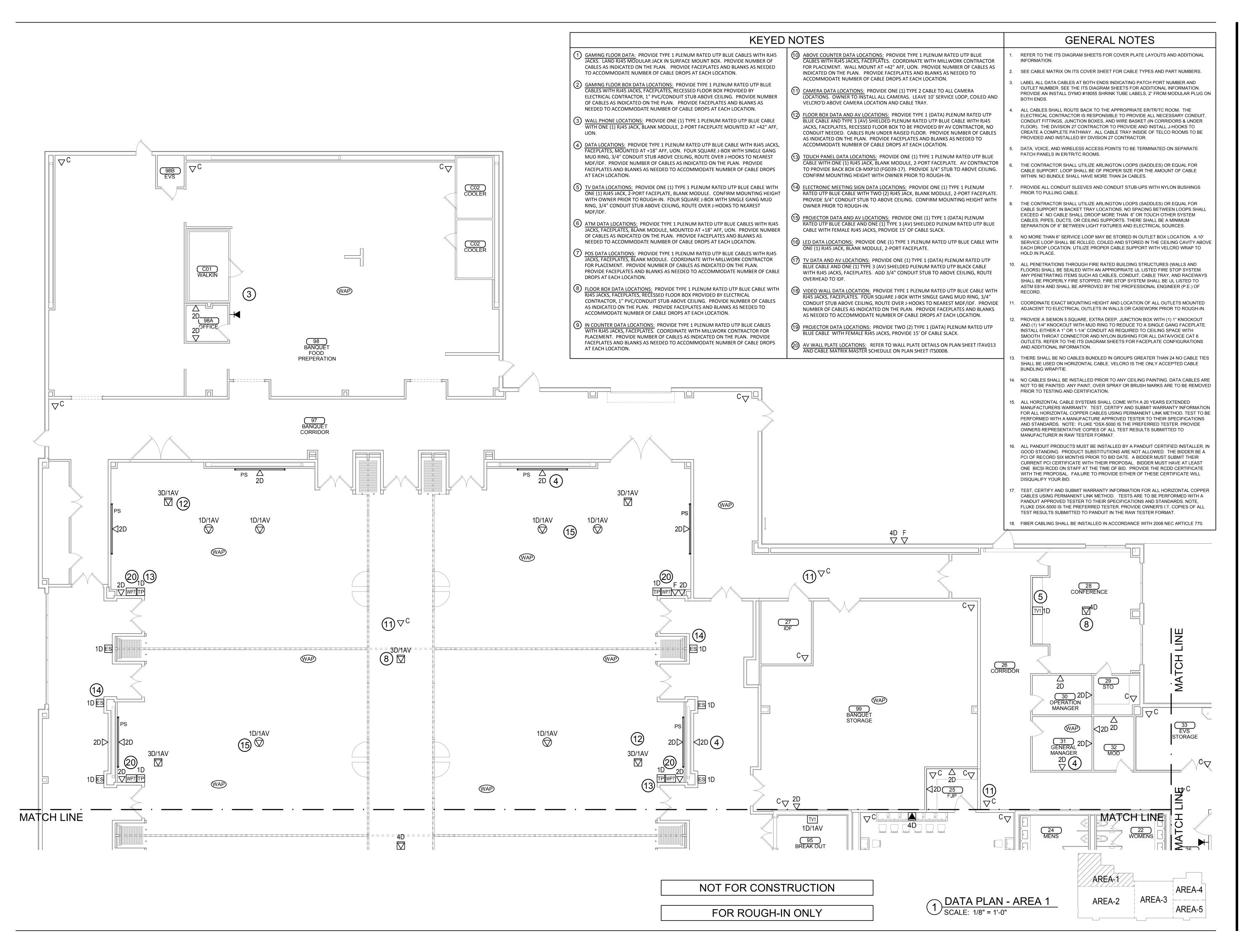
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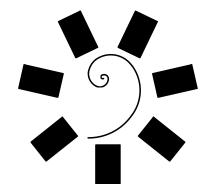
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DATE: JOB NUMBER: 17-06

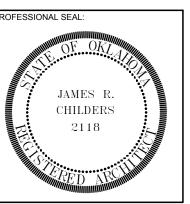
ITS200C

WAP OVERVIEW PLAN





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ONSULTANT LOGO:

CHEROKEE NATION
Entertainment

CHEROKEE NATION Entertainment

Cherokee

Cherokee

Cherokee

TAHLEQUAH CASINO

ECT PHASE:

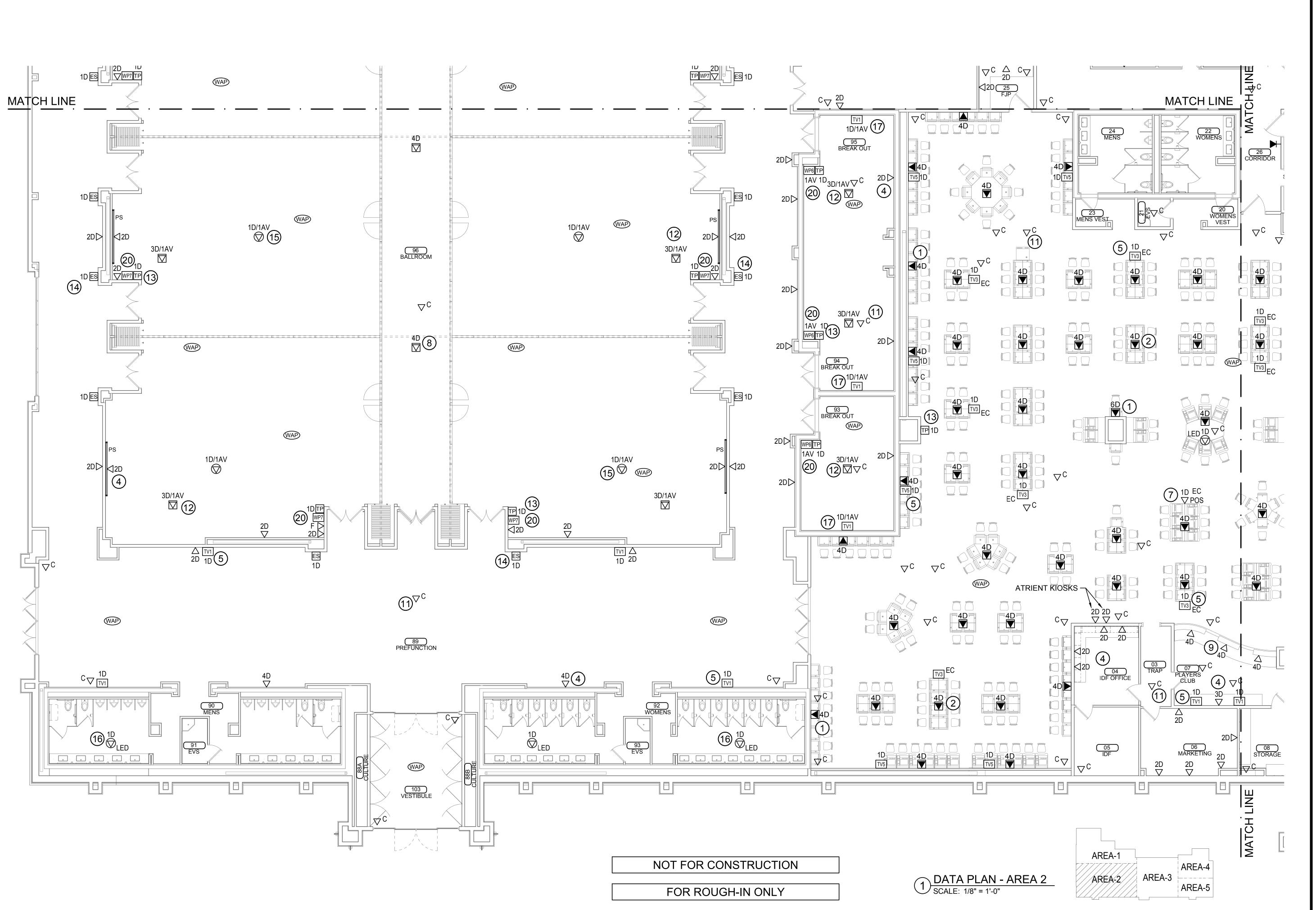
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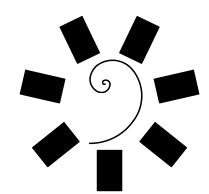
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SHEET NUMBER:

ITS201

DATA PLAN - AREA 1

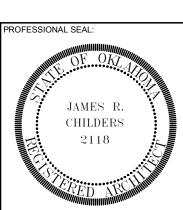


1/8" =1'-0"



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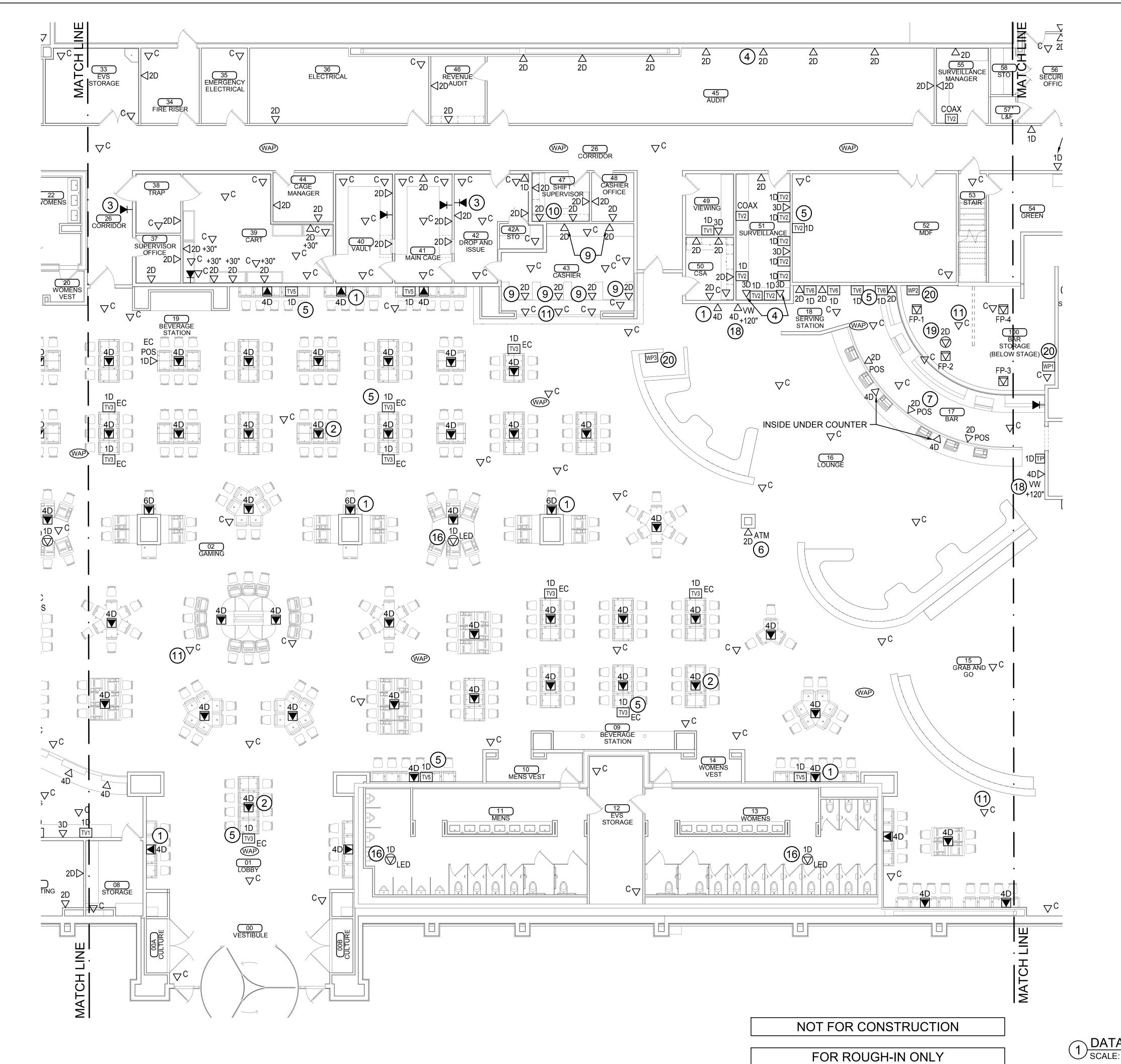
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

ADDENDUM #13

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#	DATE	DESCRIPTION
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06/15/2018 17-06 ITS202

DATA PLAN - AREA 2



1/8" = 1'-0"

GENERAL NOTES

- REFER TO THE ITS DIAGRAM SHEETS FOR COVER PLATE LAYOUTS AND ADDITIONAL
- SEE CABLE MATRIX ON ITS COVER SHEET FOR CABLE TYPES AND PART NUMBERS.
- LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAM SHEETS FOR ADDITIONAL INFORMATION. PROVIDE AN INSTALL DYMO #18055 SHRINK TUBE LABELS, 2" FROM MODULAR PLUG ON
- ALL CABLES SHALL ROUTE BACK TO THE APPROPRIATE ER/TR/TC ROOM. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY CONDUIT, CONDUIT FITTINGS, JUNCTION BOXES, AND WIRE BASKET (IN CORRIDORS & UNDER FLOOR). THE DIVISION 27 CONTRACTOR TO PROVIDE AND INSTALL J-HOOKS TO CREATE A COMPLETE PATHWAY. ALL CABLE TRAY INSIDE OF TELCO ROOMS TO BE PROVIDED AND INSTALLED BY DIVISION 27 CONTRACTOR.
- DATA, VOICE, AND WIRELESS ACCESS POINTS TO BE TERMINATED ON SEPARATE PATCH PANELS IN ER/TR/TC ROOMS.
- THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT. LOOP SHALL BE OF PROPER SIZE FOR THE AMOUNT OF CABLE WITHIN. NO BUNDLE SHALL HAVE MORE THAN 24 CABLES.
- PROVIDE ALL CONDUIT SLEEVES AND CONDUIT STUB-UPS WITH NYLON BUSHINGS PRIOR TO PULLING CABLE.
- THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT IN BACKET TRAY LOCATIONS. NO SPACING BETWEEN LOOPS SHALL EXCEED 4'. NO CABLE SHALL DROOP MORE THAN 6" OR TOUCH OTHER SYSTEM CABLES, PIPES, DUCTS, OR CEILING SUPPORTS. THERE SHALL BE A MINIMUM SEPARATION OF 6" BETWEEN LIGHT FIXTURES AND ELECTRICAL SOURCES.
- NO MORE THAN 6" SERVICE LOOP MAY BE STORED IN OUTLET BOX LOCATION. A 10' SERVICE LOOP SHALL BE ROLLED, COILED AND STORED IN THE CEILING CAVITY ABOVE EACH DROP LOCATION. UTILIZE PROPER CABLE SUPPORT WITH VELCRO WRAP TO HOLD IN PLACE.
- ALL PENETRATIONS THROUGH FIRE RATED BUILDING STRUCTURES (WALLS AND FLOORS) SHALL BE SEALED WITH AN APPROPRIATE UL LISTED FIRE STOP SYSTEM. ANY PENETRATING ITEMS SUCH AS CABLES, CONDUIT, CABLE TRAY, AND RACEWAYS SHALL BE PROPERLY FIRE STOPPED. FIRE STOP SYSTEM SHALL BE UL LISTED TO ASTM E814 AND SHALL BE APPROVED BY THE PROFESSIONAL ENGINEER (P.E.) OF
- COORDINATE EXACT MOUNTING HEIGHT AND LOCATION OF ALL OUTLETS MOUNTED ADJACENT TO ELECTRICAL OUTLETS IN WALLS OR CASEWORK PRIOR TO ROUGH-IN.
- PROVIDE A SIEMON 5 SQUARE, EXTRA DEEP, JUNCTION BOX WITH (1) 1" KNOCKOUT AND (1) 1/4" KNOCKOUT WITH MUD RING TO REDUCE TO A SINGLE GANG FACEPLATE. INSTALL EITHER A 1" OR 1-1/4" CONDUIT AS REQUIRED TO CEILING SPACE WITH SMOOTH THROAT CONNECTOR AND NYLON BUSHING FOR ALL DATA/VOICE CAT 6 OUTLETS. REFER TO THE ITS DIAGRAM SHEETS FOR FACEPLATE CONFIGURATIONS
- THERE SHALL BE NO CABLES BUNDLED IN GROUPS GREATER THAN 24 NO CABLE TIES SHALL BE USED ON HORIZONTAL CABLE. VELCRO IS THE ONLY ACCEPTED CABLE BUNDLING WRAP/TIE.

AND ADDITIONAL INFORMATION.

- NO CABLES SHALL BE INSTALLED PRIOR TO ANY CEILING PAINTING. DATA CABLES ARE NOT TO BE PAINTED. ANY PAINT, OVER SPRAY OR BRUSH MARKS ARE TO BE REMOVED PRIOR TO TESTING AND CERTIFICATION.
- ALL HORIZONTAL CABLE SYSTEMS SHALL COME WITH A 20 YEARS EXTENDED MANUFACTURERS WARRANTY. TEST, CERTIFY AND SUBMIT WARRANTY INFORMATION FOR ALL HORIZONTAL COPPER CABLES USING PERMANENT LINK METHOD. TEST TO BE PERFORMED WITH A MANUFACTURE APPROVED TESTER TO THEIR SPECIFICATIONS AND STANDARDS. NOTE: FLUKE *DSX-5000 IS THE PREFERRED TESTER. PROVIDE OWNERS REPRESENTATIVE COPIES OF ALL TEST RESULTS SUBMITTED TO MANUFACTURER IN RAW TESTER FORMAT.
- ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER, IN GOOD STANDING. PRODUCT SUBSTITUTIONS ARE NOT ALLOWED. THE BIDDER BE A PCI OF RECORD SIX MONTHS PRIOR TO BID DATE. A BIDDER MUST SUBMIT THEIR CURRENT PCI CERTIFICATE WITH THEIR PROPOSAL. BIDDER MUST HAVE AT LEAST ONE BICSI RCDD ON STAFF AT THE TIME OF BID. PROVIDE THE RCDD CERTIFICATE WITH THE PROPOSAL. FAILURE TO PROVIDE EITHER OF THESE CERTIFICATE WILL DISQUALIFY YOUR BID.
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- FIBER CABLING SHALL BE INSTALLED IN ACCORDANCE WITH 2008 NEC ARTICLE 770

TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.

REFER TO SHEET ITS201 FOR KEYED NOTES.

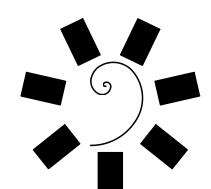
AREA-1

AREA-2

AREA-4

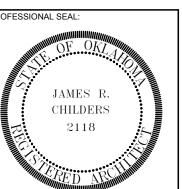
AREA-5

AREA-3



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CHEROKEE NATION ENTERTAINM TAHLEQUAH CASINO

ADDENDUM #13

06/15/2018 17-06

ITS203

DATA PLAN - AREA 3

1 DATA PLAN - AREA 3 SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION

FOR ROUGH-IN ONLY

GENERAL NOTES

- REFER TO THE ITS DIAGRAM SHEETS FOR COVER PLATE LAYOUTS AND ADDITIONAL
- SEE CABLE MATRIX ON ITS COVER SHEET FOR CABLE TYPES AND PART NUMBERS.
- LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAM SHEETS FOR ADDITIONAL INFORMATION. PROVIDE AN INSTALL DYMO #18055 SHRINK TUBE LABELS, 2" FROM MODULAR PLUG ON
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- THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT IN BACKET TRAY LOCATIONS. NO SPACING BETWEEN LOOPS SHALL EXCEED 4'. NO CABLE SHALL DROOP MORE THAN 6" OR TOUCH OTHER SYSTEM CABLES, PIPES, DUCTS, OR CEILING SUPPORTS. THERE SHALL BE A MINIMUM SEPARATION OF 6" BETWEEN LIGHT FIXTURES AND ELECTRICAL SOURCES.
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- ALL PENETRATIONS THROUGH FIRE RATED BUILDING STRUCTURES (WALLS AND FLOORS) SHALL BE SEALED WITH AN APPROPRIATE UL LISTED FIRE STOP SYSTEM. ANY PENETRATING ITEMS SUCH AS CABLES, CONDUIT, CABLE TRAY, AND RACEWAYS SHALL BE PROPERLY FIRE STOPPED. FIRE STOP SYSTEM SHALL BE UL LISTED TO ASTM E814 AND SHALL BE APPROVED BY THE PROFESSIONAL ENGINEER (P.E.) OF
- COORDINATE EXACT MOUNTING HEIGHT AND LOCATION OF ALL OUTLETS MOUNTED ADJACENT TO ELECTRICAL OUTLETS IN WALLS OR CASEWORK PRIOR TO ROUGH-IN.
- PROVIDE A SIEMON 5 SQUARE, EXTRA DEEP, JUNCTION BOX WITH (1) 1" KNOCKOUT AND (1) 1/4" KNOCKOUT WITH MUD RING TO REDUCE TO A SINGLE GANG FACEPLATE. INSTALL EITHER A 1" OR 1-1/4" CONDUIT AS REQUIRED TO CEILING SPACE WITH SMOOTH THROAT CONNECTOR AND NYLON BUSHING FOR ALL DATA/VOICE CAT 6 OUTLETS. REFER TO THE ITS DIAGRAM SHEETS FOR FACEPLATE CONFIGURATIONS
- THERE SHALL BE NO CABLES BUNDLED IN GROUPS GREATER THAN 24 NO CABLE TIES SHALL BE USED ON HORIZONTAL CABLE. VELCRO IS THE ONLY ACCEPTED CABLE BUNDLING WRAP/TIE.

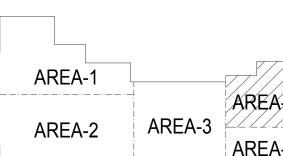
AND ADDITIONAL INFORMATION.

- NO CABLES SHALL BE INSTALLED PRIOR TO ANY CEILING PAINTING. DATA CABLES ARE NOT TO BE PAINTED. ANY PAINT, OVER SPRAY OR BRUSH MARKS ARE TO BE REMOVED PRIOR TO TESTING AND CERTIFICATION.
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TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.

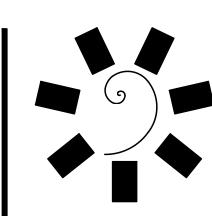
FIBER CABLING SHALL BE INSTALLED IN ACCORDANCE WITH 2008 NEC ARTICLE 770

REFER TO SHEET ITS201 FOR KEYED NOTES.



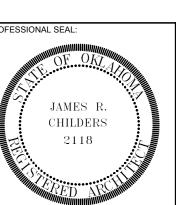
1 DATA PLAN - AREA 4 SCALE: 1/8" = 1'-0"

AREA-5



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EROKEE NATION ENTERTAINM TAHLEQUAH CASINO

ADDENDUM #13

	R	REVISIONS
#	DATE	DESCRIPTION

06/15/2018 17-06

ITS204

DATA PLAN - AREA 4

GENERAL NOTES

- REFER TO THE ITS DIAGRAM SHEETS FOR COVER PLATE LAYOUTS AND ADDITIONAL
- 2. SEE CABLE MATRIX ON ITS COVER SHEET FOR CABLE TYPES AND PART NUMBERS.
- LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND
 OUTLET NUMBER. SEE THE ITS DIAGRAM SHEETS FOR ADDITIONAL INFORMATION.
 PROVIDE AN INSTALL DYMO #18055 SHRINK TUBE LABELS, 2" FROM MODULAR PLUG ON
 BOTH ENDS.
- 4. ALL CABLES SHALL ROUTE BACK TO THE APPROPRIATE ER/TR/TC ROOM. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY CONDUIT, CONDUIT FITTINGS, JUNCTION BOXES, AND WIRE BASKET (IN CORRIDORS & UNDER FLOOR). THE DIVISION 27 CONTRACTOR TO PROVIDE AND INSTALL J-HOOKS TO CREATE A COMPLETE PATHWAY. ALL CABLE TRAY INSIDE OF TELCO ROOMS TO BE PROVIDED AND INSTALLED BY DIVISION 27 CONTRACTOR.
- DATA, VOICE, AND WIRELESS ACCESS POINTS TO BE TERMINATED ON SEPARATE PATCH PANELS IN ER/TR/TC ROOMS.
- 6. THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT. LOOP SHALL BE OF PROPER SIZE FOR THE AMOUNT OF CABLE WITHIN. NO BUNDLE SHALL HAVE MORE THAN 24 CABLES.
- 7. PROVIDE ALL CONDUIT SLEEVES AND CONDUIT STUB-UPS WITH NYLON BUSHINGS PRIOR TO PULLING CABLE.
- 8. THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT IN BACKET TRAY LOCATIONS. NO SPACING BETWEEN LOOPS SHALL EXCEED 4'. NO CABLE SHALL DROOP MORE THAN 6" OR TOUCH OTHER SYSTEM CABLES, PIPES, DUCTS, OR CEILING SUPPORTS. THERE SHALL BE A MINIMUM SEPARATION OF 6" BETWEEN LIGHT FIXTURES AND ELECTRICAL SOURCES.
- NO MORE THAN 6" SERVICE LOOP MAY BE STORED IN OUTLET BOX LOCATION. A 10' SERVICE LOOP SHALL BE ROLLED, COILED AND STORED IN THE CEILING CAVITY ABOVE EACH DROP LOCATION. UTILIZE PROPER CABLE SUPPORT WITH VELCRO WRAP TO HOLD IN PLACE.
- 10. ALL PENETRATIONS THROUGH FIRE RATED BUILDING STRUCTURES (WALLS AND FLOORS) SHALL BE SEALED WITH AN APPROPRIATE UL LISTED FIRE STOP SYSTEM. ANY PENETRATING ITEMS SUCH AS CABLES, CONDUIT, CABLE TRAY, AND RACEWAYS SHALL BE PROPERLY FIRE STOPPED. FIRE STOP SYSTEM SHALL BE UL LISTED TO ASTM E814 AND SHALL BE APPROVED BY THE PROFESSIONAL ENGINEER (P.E.) OF RECORD.
- 11. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION OF ALL OUTLETS MOUNTED ADJACENT TO ELECTRICAL OUTLETS IN WALLS OR CASEWORK PRIOR TO ROUGH-IN.
- 12. PROVIDE A SIEMON 5 SQUARE, EXTRA DEEP, JUNCTION BOX WITH (1) 1" KNOCKOUT AND (1) 1/4" KNOCKOUT WITH MUD RING TO REDUCE TO A SINGLE GANG FACEPLATE. INSTALL EITHER A 1" OR 1-1/4" CONDUIT AS REQUIRED TO CEILING SPACE WITH SMOOTH THROAT CONNECTOR AND NYLON BUSHING FOR ALL DATA/VOICE CAT 6 OUTLETS. REFER TO THE ITS DIAGRAM SHEETS FOR FACEPLATE CONFIGURATIONS AND ADDITIONAL INFORMATION.
- 13. THERE SHALL BE NO CABLES BUNDLED IN GROUPS GREATER THAN 24 NO CABLE TIES SHALL BE USED ON HORIZONTAL CABLE. VELCRO IS THE ONLY ACCEPTED CABLE BUNDLING WRAP/TIE.
- 14. NO CABLES SHALL BE INSTALLED PRIOR TO ANY CEILING PAINTING. DATA CABLES ARE NOT TO BE PAINTED. ANY PAINT, OVER SPRAY OR BRUSH MARKS ARE TO BE REMOVED PRIOR TO TESTING AND CERTIFICATION.
- 15. ALL HORIZONTAL CABLE SYSTEMS SHALL COME WITH A 20 YEARS EXTENDED MANUFACTURERS WARRANTY. TEST, CERTIFY AND SUBMIT WARRANTY INFORMATION FOR ALL HORIZONTAL COPPER CABLES USING PERMANENT LINK METHOD. TEST TO BE PERFORMED WITH A MANUFACTURE APPROVED TESTER TO THEIR SPECIFICATIONS AND STANDARDS. NOTE: FLUKE *DSX-5000 IS THE PREFERRED TESTER. PROVIDE OWNERS REPRESENTATIVE COPIES OF ALL TEST RESULTS SUBMITTED TO MANUFACTURER IN RAW TESTER FORMAT.
- 16. ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER, IN GOOD STANDING. PRODUCT SUBSTITUTIONS ARE NOT ALLOWED. THE BIDDER BE A PCI OF RECORD SIX MONTHS PRIOR TO BID DATE. A BIDDER MUST SUBMIT THEIR CURRENT PCI CERTIFICATE WITH THEIR PROPOSAL. BIDDER MUST HAVE AT LEAST ONE BICSI RCDD ON STAFF AT THE TIME OF BID. PROVIDE THE RCDD CERTIFICATE WITH THE PROPOSAL. FAILURE TO PROVIDE EITHER OF THESE CERTIFICATE WILL DISQUALIFY YOUR BID.
- WITH THE PROPOSAL. FAILURE TO PROVIDE EITHER OF THESE CERTIFICATE WILL DISQUALIFY YOUR BID.

 17. TEST, CERTIFY AND SUBMIT WARRANTY INFORMATION FOR ALL HORIZONTAL COPPER CABLES USING PERMANENT LINK METHOD. TESTS ARE TO BE PERFORMED WITH A PANDUIT APPROVED TESTER TO THEIR SPECIFICATIONS AND STANDARDS. NOTE,
- TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.

 FIBER CABLING SHALL BE INSTALLED IN ACCORDANCE WITH 2008 NEC ARTICLE 770.

FLUKE DSX-5000 IS THE PREFERRED TESTER. PROVIDE OWNER'S I.T. COPIES OF ALL

REFER TO SHEET ITS201 FOR KEYED NOTES.

AREA-1
AREA-2
AREA-3
AREA-5



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CHEROKEE NATION ENTERTAINM
TAHLEQUAH, OKLAHOMA

OJECT PHASE:

ADDENDUM #13

REVISIONS
DATE DESCRIPTION

DATE: JOB NUMBER:

EET NUMBER:

ITS205

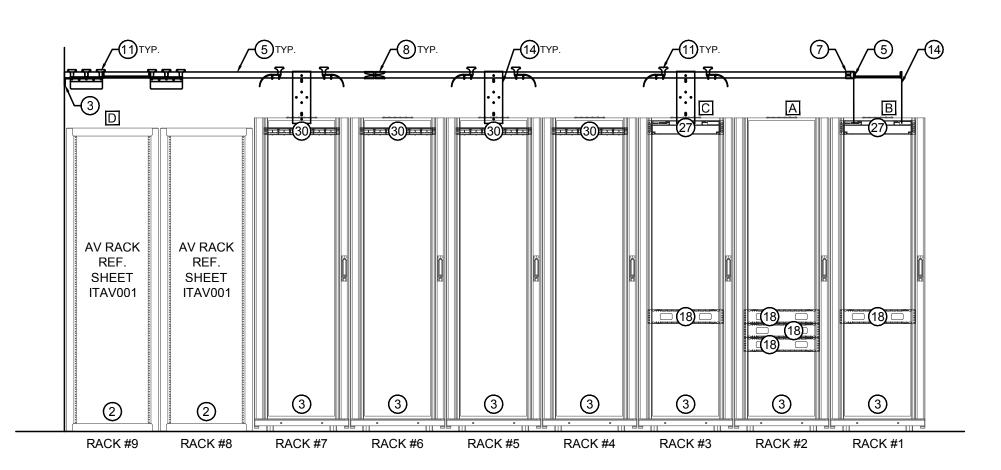
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DATA PLAN - AREA 5

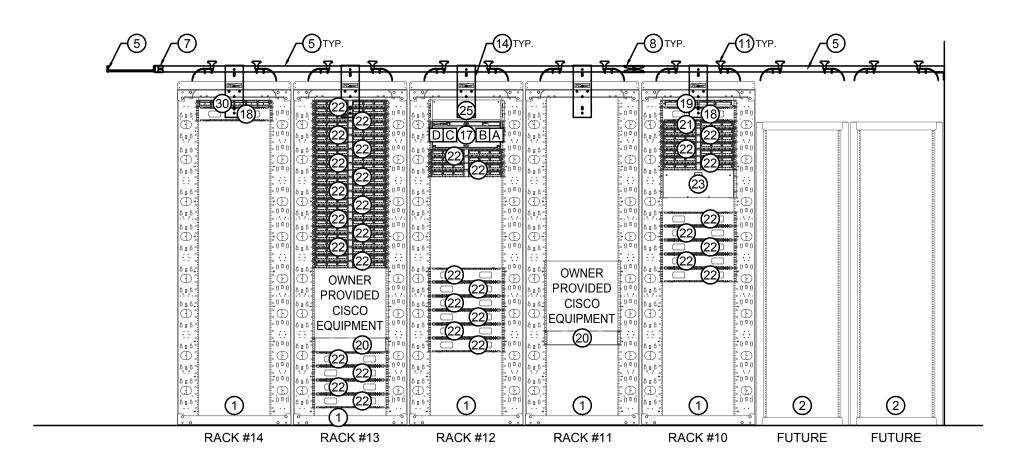
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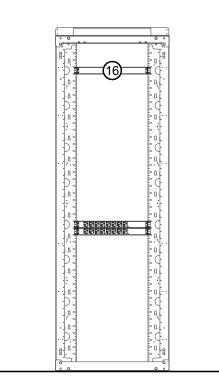




A ENLARGED ER 52 ELEVATIONS - ROW 1
SCALE: 1/2"=1"-0"



B ENLARGED ER 52 ELEVATIONS - ROW 2
SCALE: 1/2"=1"-0"



ENLARGED ER 52 ELEVATIONS - REAR RACK VIEW (ALL RACKS)

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

	CABLE RUNS BETWEEN ROW 1 & ROW 2				
ROW 1 ROW 2 CABLE		CABLE			
	A	A	12 STRAND MM / 12 STRAND SM		
	В	В	24 MM		
	C	C	24 MM		
	D	D	12 STRAND MM / 12 STRAND SM		

POW 1 AND ROW 2 CONNECTON KEY
SCALE: NTS

GENERAL NOTES

- PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNERSHIP AT CONCLUSION
- ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER. TEST AND SUBMIT REQUIRED WARRANTY INFORMATION FOR ALL PANDUIT FIBER OPTIC CABLES. PROVIDE OWNERSHIP I.T. COPIES OF ALL TEST RESULTS SUBMITTED
- TO PANDUIT IN THE RAW TESTER FORMAT. TEST, CERTIFY AND SUBMIT WARRANTY INFORMATION FOR ALL HORIZONTAL COPPER CABLES USING PERMANENT LINK METHOD. TESTS ARE TO BE PERFORMED WITH A
- SIEMON APPROVED TESTER TO THEIR SPECIFIC ACTIONS AND STANDARDS. NOTE, FLUKE DTX-1800 IS THE PREFERRED TESTER. PROVIDE OWNER'S I.T. COPIES OF ALL TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.
- PENETRATIONS AND FOR ALL CONDUITS ENTERING THE TELECOM ROOM. PROVIDE DRAWINGS AND PERMITS AS REQUIRED.
- ALL CONDUITS ENTERING OR LEAVING THE TELECOM ROOM SHALL BE LABELED ON BOTH ENDS, SHALL HAVE NYLON BUSHING BRACKET AND PULL STRING.

PROVIDE FIRE STOPPING AS REQUIRED BY CODE, FOR ALL FLOOR AND WALL

- ALL RACKS AND CABINETS SHALL HAVE A LABEL ATTACHED TO THE TOP OF EACH LOCATION. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
- STRAIN RELIEF: UTILIZE VELCRO TYPE RE-ENTERABLE CABLE TIES FOR ALL MULTI PAIR COPPER CABLES.
- EVERY RACK AND CABINET INSTALLED SHALL HAVE A HORIZONTAL GROUNDING BUS BAR KIT, B-LINE-#SBHBI19K, INSTALLED ON THE BACK OF A RACK OF CABINET IN THE TOP RMU LOCATION. THE HORIZONTAL BUS BAR SHALL BE CONNECTED DIRECTLY TO THE ROOMS GROUNDING BUS BAR.
- 0. ALL EMPTY OUTLETS ON EITHER THE 24 OR 48 PORT UNLOADED PATCH PANEL SHALL HAVE BLACK BLANKS INSTALLED INTO EACH OUTLET OPENING.
- PROVIDE HILTI SLEEVE PENETRATIONS FOR ALL POINTS OF ENTRY INTO TELECOM LOCATIONS.
- 3. COORDINATE EXACT CABINET / RACK POSITIONING WITH OWNER'S REPRESENTATIVE TO ENSURE FLOOR TILE ALIGNMENT.

- **KEYED NOTES**
- 1) INSTALL CONTRACTOR PROVIDED 2 POST RACK, PANDUIT #R2P.
- (2) AV CONTRACTOR WILL INSTALL 4 POST RACK, MID ATLANTIC *BGR-4138.
- (3) INSTALL CONTRACTOR PROVIDED DATA CABINET, APC #AR3300.
- (4) INSTALL CONTRACTOR PROVIDED VERTICAL WIRE MANAGER, CPI #30162-703.
- (5) PROVIDE AND INSTALL 12" LADDER TRAY BLACK, CPI #10250-712.
- (6) PROVIDE AND INSTALL 18" LADDER TRAY BLACK, CPI #10250-718.
- 7) PROVIDE AND INSTALL JUNCTION SPLICE KIT BLACK, CPI #11302-701.
- (8) PROVIDE AND INSTALL BUTT SPLICE KIT BLACK, CPI #11301-701.
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- (11) PROVIDE AND INSTALL 12" RUNWAY DROP BLACK, CPI #12100-712. (12) PROVIDE AND INSTALL 18" RUNWAY DROP OUT BLACK, CPI #12100-718.
- 13) PROVIDE AND INSTALL 8" SIDE DROP BLACK, CPI #12101-712.
- (14) PROVIDE AND INSTALL TOP PLATE 12" RUNWAY BLACK, CPI #10595-712.
- (15) PROVIDE AND INSTALL TOP PLATE 18" RUNWAY BLACK, CPI #10595-718.
- (16) PROVIDE AND INSTALL TELCOM GROUNDING BAR KIT, B-LINE #SBTGBK.
- 17) PROVIDE AND INSTALL 4 RMU FIBER HOUSING, PANDUIT #FRME4.
- (18) PROVIDE AND INSTALL 2 RMU HORIZONAL WIRE MANAGER, PANDUIT #WMPHF2E.
- (19) PROVIDE AND INSTALL RM 110 BLACK, LEVITON #49013-P24.
- (20) PROVIDE AND INSTALL RACK MOUNT SHELF, B-LINE #SB747S1915SFB.
- (21) PROVIDE AND INSTALL 24 PORT PATCH PANEL UNLOADED, PANDUIT #CPPL24BLY.
- (22) PROVIDE AND INSTALL 48 PORT PATCH PANEL UNLOADED, PANDUIT #CPPL48BLY.
- (23) PROVIDE AND INSTALL RACK DRAWER, MIDDLE ATLANTIC #D3.
- 24) PROVIDE AND INSTALL HILTI SLEEVE.
- (25) PROVIDE AND INSTALL SIEMON FIBER STORAGE BOX #FSC3.
- 26) PROVIDE AND INSTALL 4" CONDUIT TO BUILDING ENTRANCE FROM ABOVE CEILING.
- 27) PROVIDE AND INSTALL 2RMU FIBER BOX, PANDUIT #FRME2.
- (28) PROVIDE AND INSTALL COMPLETE GE SLIMLINE POWER SYSTEM WITH RECTIFIER FOR
- POE POWER DISTRIBUTION. (29) PROVIDE AND INSTALL FIBER MODULE PANELS IN SURVEILLANCE FIBER BOX 'A' FOR

(30) PROVIDE AND INSTALL 24 PORT FLAT PATCH PANEL, PANDUIT #CPPL24WBLY.

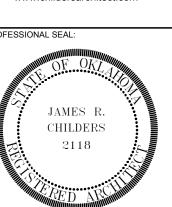
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EXTERIOR POE FIBER CAMERAS.

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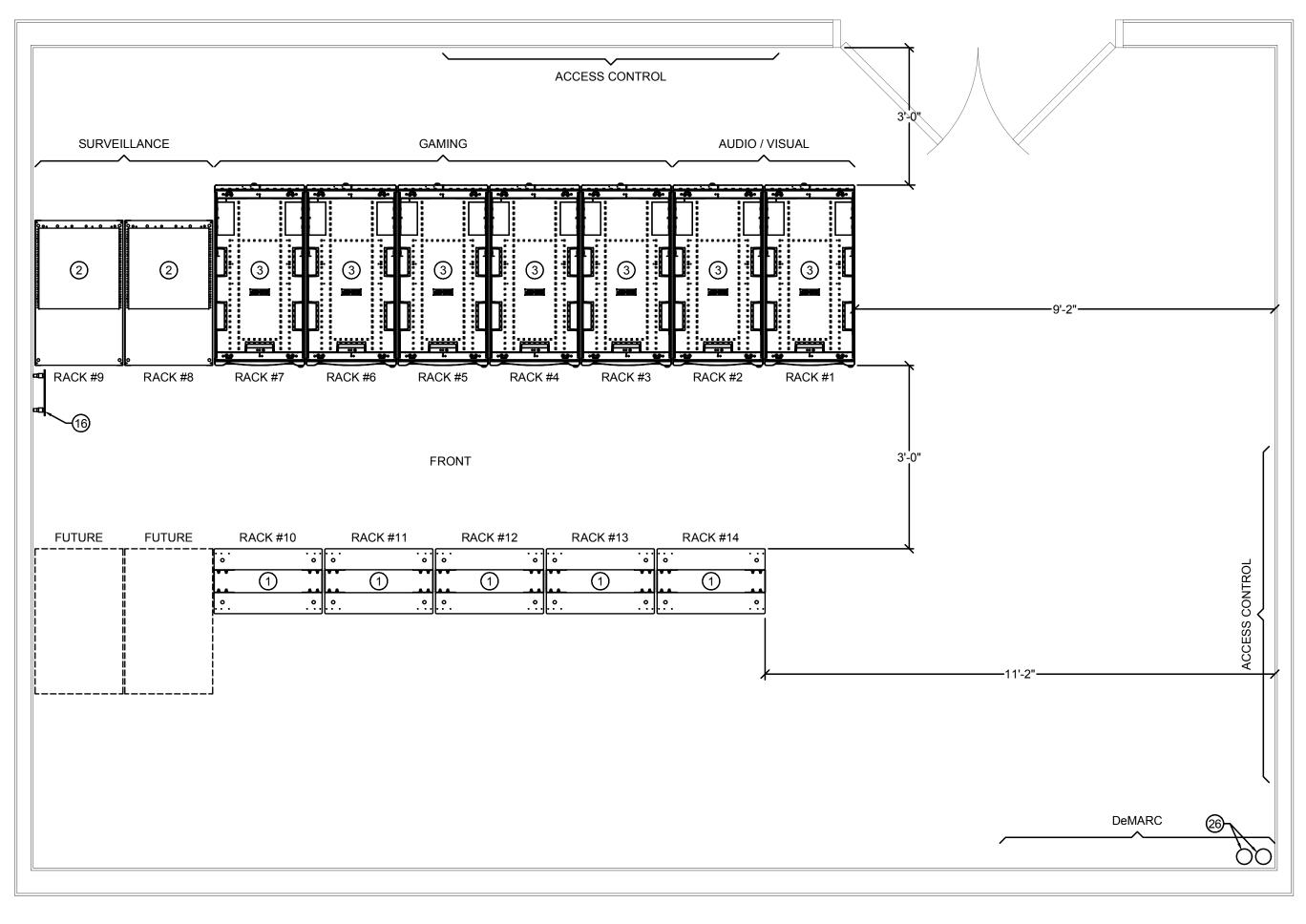
ADDENDUM #13

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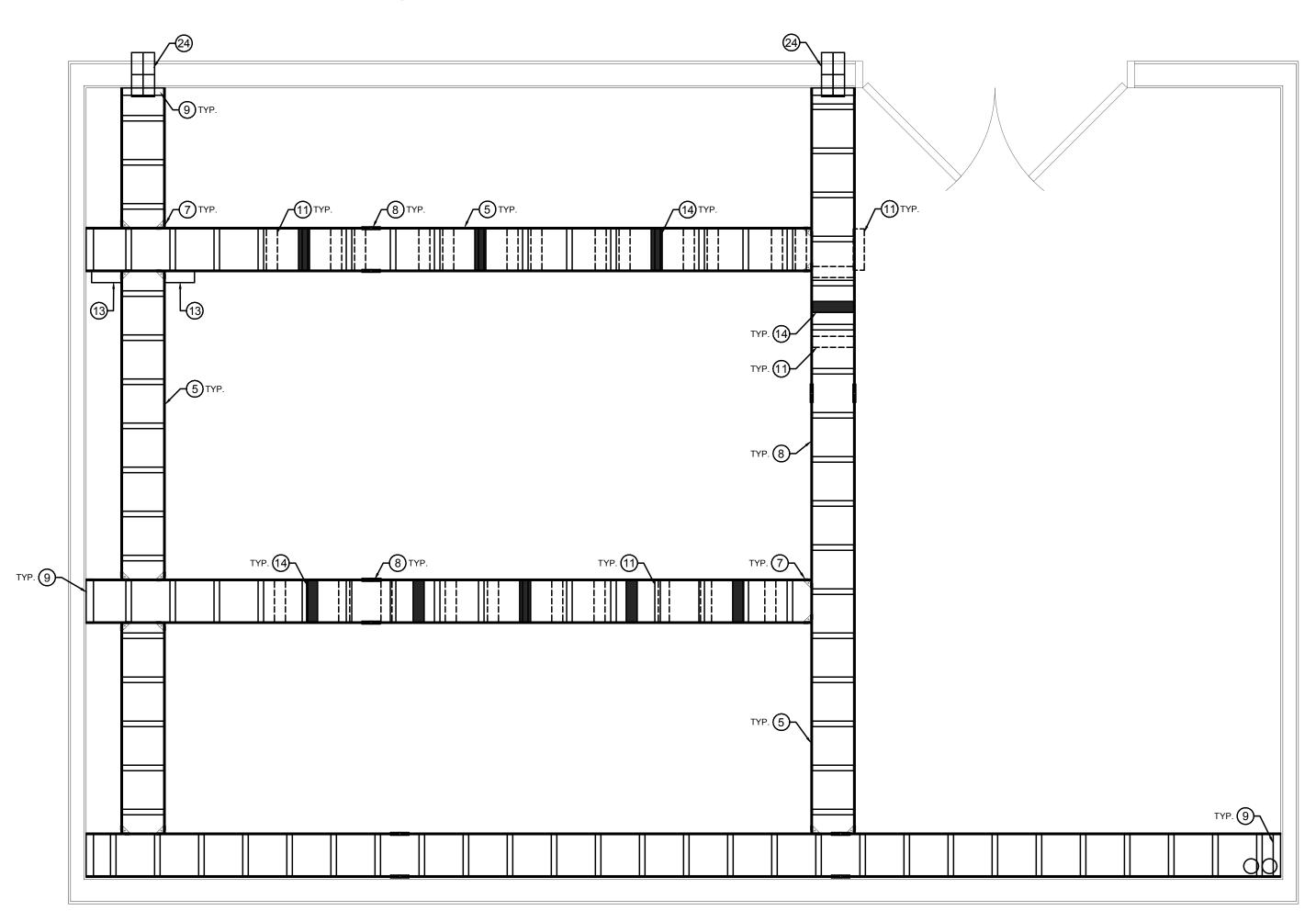
06/15/2018

ITS300

ENLARGE ER 52 ELEVATIONS



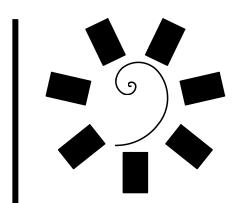
A ENLARGED ER 52 DIAGRAMS - LAYOUT SCALE: 1/2"=1"-0"



B ENLARGED ER 52 DIAGRAMS - LADDER TRAY
SCALE: 1/2"=1"-0"

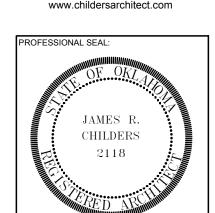
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TAHLEQUAH CASINO

PROJECT PHASE

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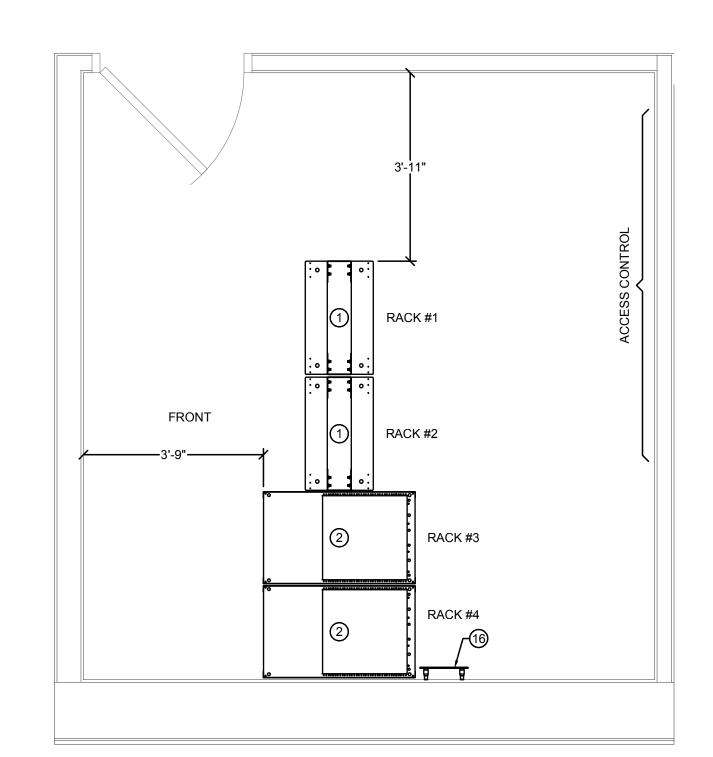
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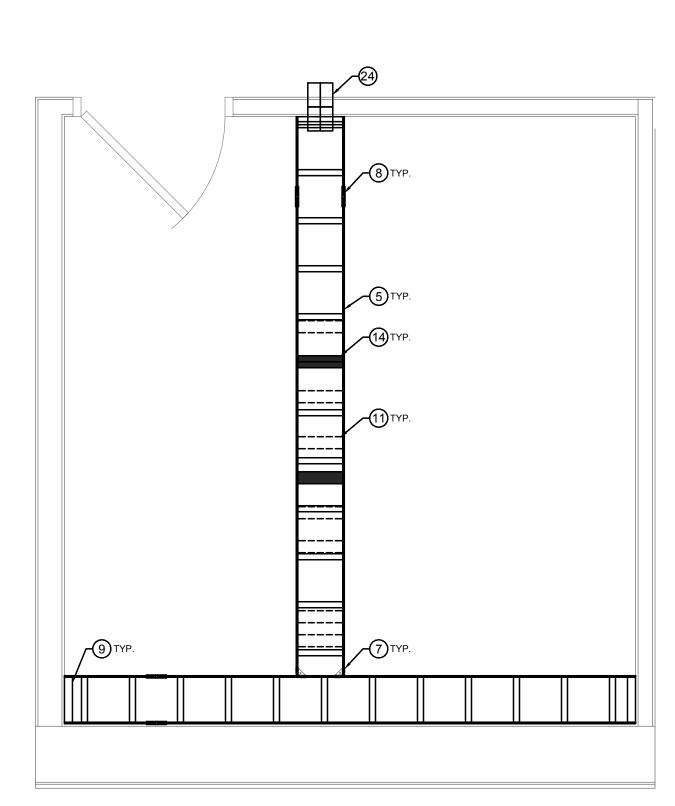
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ENLARGE ER 52 DIAGRAMS

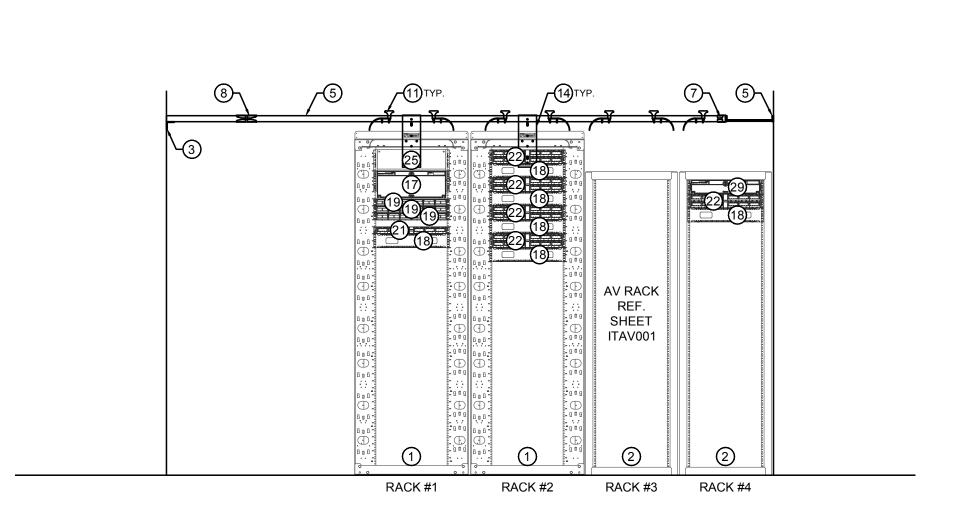


A ENLARGED TR 05 DIAGRAMS - LAYOUT SCALE: 1/2"=1"-0"



B ENLARGED TR 05 DIAGRAMS - LADDER TRAY

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



ENLARGED TR 05 RACK ELEVATIONS

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

KEYED NOTES

- PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNERSHIP AT CONCLUSION
- ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER. TEST AND SUBMIT REQUIRED WARRANTY INFORMATION FOR ALL PANDUIT FIBER OPTIC CABLES. PROVIDE OWNERSHIP I.T. COPIES OF ALL TEST RESULTS SUBMITTED

GENERAL NOTES

- TO PANDUIT IN THE RAW TESTER FORMAT. TEST, CERTIFY AND SUBMIT WARRANTY INFORMATION FOR ALL HORIZONTAL COPPER CABLES USING PERMANENT LINK METHOD. TESTS ARE TO BE PERFORMED WITH A SIEMON APPROVED TESTER TO THEIR SPECIFIC ACTIONS AND STANDARDS. NOTE,
- TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT. PROVIDE FIRE STOPPING AS REQUIRED BY CODE, FOR ALL FLOOR AND WALL PENETRATIONS AND FOR ALL CONDUITS ENTERING THE TELECOM ROOM. PROVIDE

FLUKE DTX-1800 IS THE PREFERRED TESTER. PROVIDE OWNER'S I.T. COPIES OF ALL

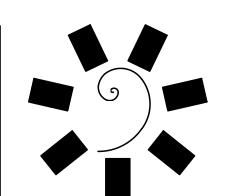
- DRAWINGS AND PERMITS AS REQUIRED. ALL CONDUITS ENTERING OR LEAVING THE TELECOM ROOM SHALL BE LABELED ON
- ALL RACKS AND CABINETS SHALL HAVE A LABEL ATTACHED TO THE TOP OF EACH
- LOCATION. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION. STRAIN RELIEF: UTILIZE VELCRO TYPE RE-ENTERABLE CABLE TIES FOR ALL MULTI PAIR

BOTH ENDS, SHALL HAVE NYLON BUSHING BRACKET AND PULL STRING.

COPPER CABLES.

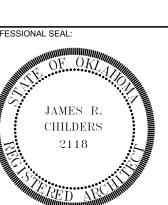
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- 13. COORDINATE EXACT CABINET / RACK POSITIONING WITH OWNER'S REPRESENTATIVE TO ENSURE FLOOR TILE ALIGNMENT.

- 1 INSTALL CONTRACTOR PROVIDED 2 POST RACK, PANDUIT #R2P.
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- (21) PROVIDE AND INSTALL 24 PORT PATCH PANEL UNLOADED, PANDUIT #CPPL24BLY. (22) PROVIDE AND INSTALL 48 PORT PATCH PANEL UNLOADED, PANDUIT #CPPL48BLY.
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- 28) PROVIDE AND INSTALL COMPLETE GE SLIMLINE POWER SYSTEM WITH RECTIFIER FOR POE POWER DISTRIBUTION.
- 29 PROVIDE AND INSTALL FIBER MODULE PANELS IN SURVEILLANCE FIBER BOX 'A' FOR EXTERIOR POE FIBER CAMERAS.
- ROVIDE AND INSTALL 24 PORT FLAT PATCH PANEL, PANDUIT #CPPL24WBLY.



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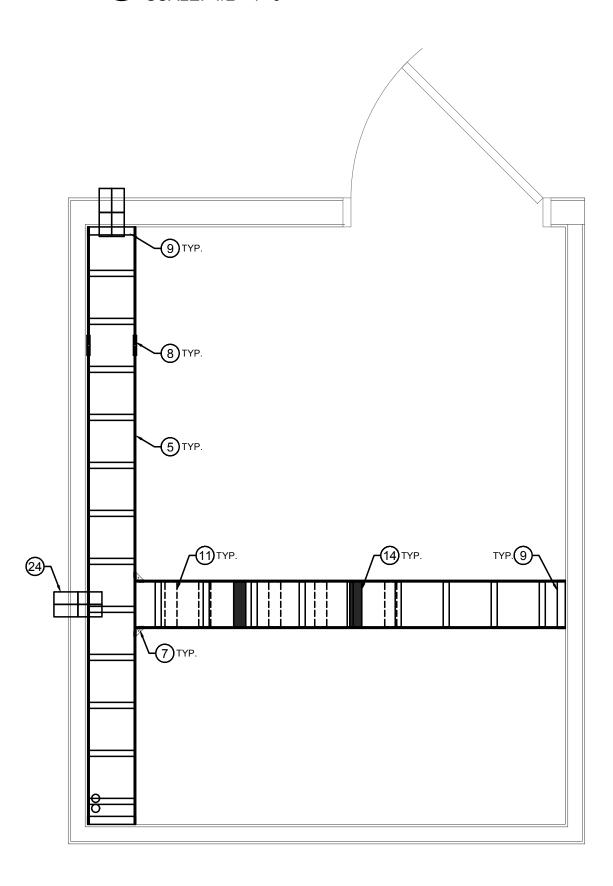
ITS302

ENLARGE TR 05 DIAGRAMS

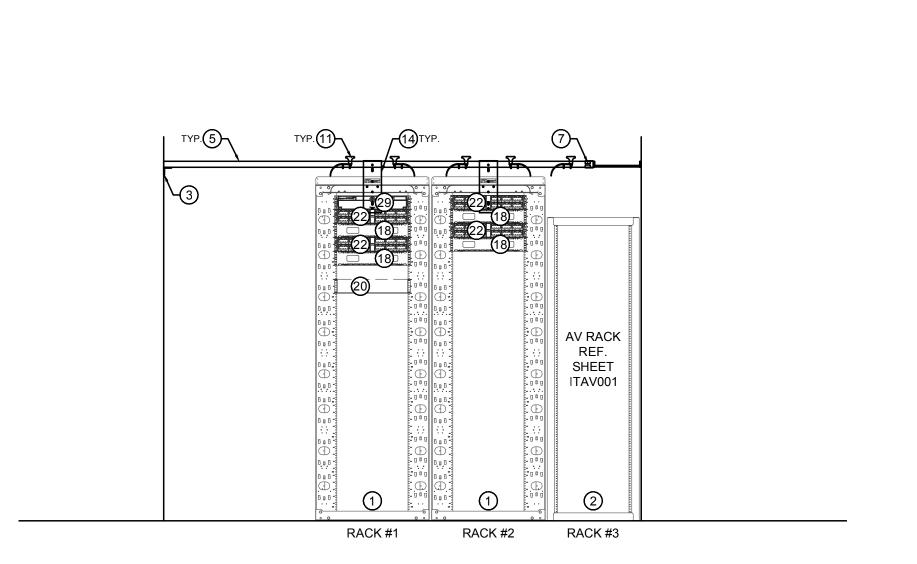
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FOR ROUGH-IN ONLY

A ENLARGED TR 27 DIAGRAMS - LAYOUT SCALE: 1/2"=1"-0"



B ENLARGED TR 27 DIAGRAMS - LADDER TRAY
SCALE: 1/2"=1"-0"



ENLARGED TR 27 RACK ELEVATIONS

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

KEYED NOTES

- PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNERSHIP AT CONCLUSION (1) INSTALL CONTRACTOR PROVIDED 2 POST RACK, PANDUIT #R2P.
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- 13. COORDINATE EXACT CABINET / RACK POSITIONING WITH OWNER'S REPRESENTATIVE (19) PROVIDE AND INSTALL RM 110 BLACK, LEVITON #49013-P24.
 - 20) PROVIDE AND INSTALL RACK MOUNT SHELF, B-LINE #SB747S1915SFB.

GENERAL NOTES

ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER. TEST AND SUBMIT REQUIRED WARRANTY INFORMATION FOR ALL PANDUIT FIBER

TO PANDUIT IN THE RAW TESTER FORMAT.

DRAWINGS AND PERMITS AS REQUIRED.

THE ROOMS GROUNDING BUS BAR.

TO ENSURE FLOOR TILE ALIGNMENT.

COPPER CABLES.

LOCATIONS.

OPTIC CABLES. PROVIDE OWNERSHIP I.T. COPIES OF ALL TEST RESULTS SUBMITTED

TEST, CERTIFY AND SUBMIT WARRANTY INFORMATION FOR ALL HORIZONTAL COPPER

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ALL RACKS AND CABINETS SHALL HAVE A LABEL ATTACHED TO THE TOP OF EACH

STRAIN RELIEF: UTILIZE VELCRO TYPE RE-ENTERABLE CABLE TIES FOR ALL MULTI PAIR

EVERY RACK AND CABINET INSTALLED SHALL HAVE A HORIZONTAL GROUNDING BUS

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PROVIDE HILTI SLEEVE PENETRATIONS FOR ALL POINTS OF ENTRY INTO TELECOM

TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.

BOTH ENDS, SHALL HAVE NYLON BUSHING BRACKET AND PULL STRING.

LOCATION. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.

HAVE BLACK BLANKS INSTALLED INTO EACH OUTLET OPENING.

PROVIDE FIRE STOPPING AS REQUIRED BY CODE, FOR ALL FLOOR AND WALL

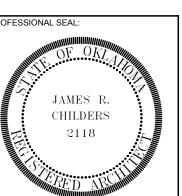
SIEMON APPROVED TESTER TO THEIR SPECIFIC ACTIONS AND STANDARDS. NOTE.

- (21) PROVIDE AND INSTALL 24 PORT PATCH PANEL UNLOADED, PANDUIT #CPPL24BLY.
- (22) PROVIDE AND INSTALL 48 PORT PATCH PANEL UNLOADED, PANDUIT #CPPL48BLY. 23) PROVIDE AND INSTALL RACK DRAWER, MIDDLE ATLANTIC #D3.
- 24) PROVIDE AND INSTALL HILTI SLEEVE.
- (25) PROVIDE AND INSTALL SIEMON FIBER STORAGE BOX #FSC3.
- 26) PROVIDE AND INSTALL 4" CONDUIT TO BUILDING ENTRANCE FROM ABOVE CEILING.
- 27) PROVIDE AND INSTALL 2RMU FIBER BOX, PANDUIT #FRME2.
- 28) PROVIDE AND INSTALL COMPLETE GE SLIMLINE POWER SYSTEM WITH RECTIFIER FOR POE POWER DISTRIBUTION.
- 29 PROVIDE AND INSTALL FIBER MODULE PANELS IN SURVEILLANCE FIBER BOX 'A' FOR
- EXTERIOR POE FIBER CAMERAS.
- 30) PROVIDE AND INSTALL 24 PORT FLAT PATCH PANEL, PANDUIT #CPPL24WBLY.

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> Fort Smith, AR 72901 479-783-2480 www.childersarchitect.com

45 South 4th Street



CONSULTANT LOGO:



CHEROKEE NATION ENTERTAINM TAHLEQUAH CASINO

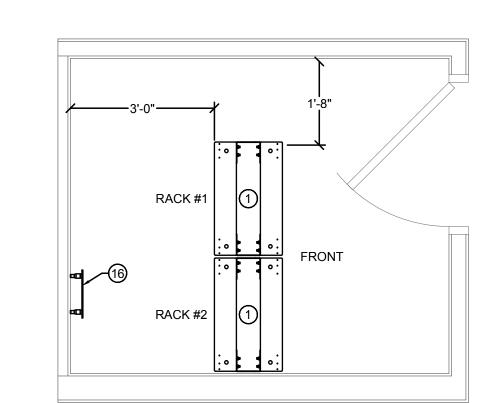
ADDENDUM #13

06/15/2018 17-06

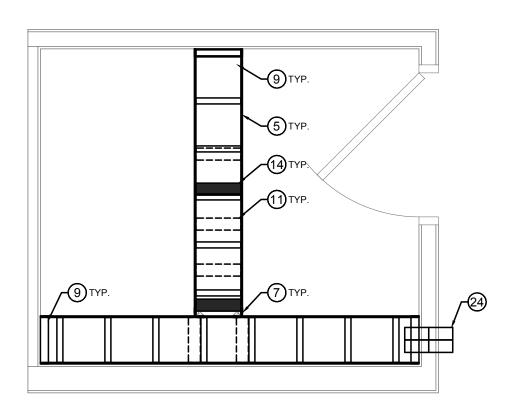
ITS303

ENLARGE TR 27 DIAGRAMS

NOT FOR CONSTRUCTION FOR ROUGH-IN ONLY

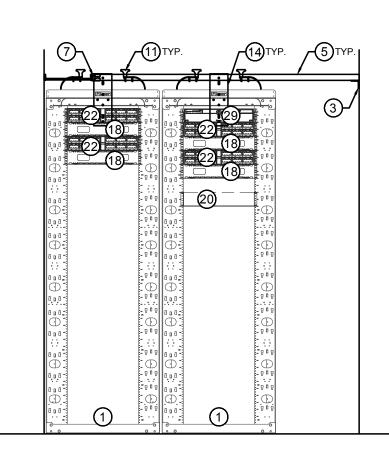


A ENLARGED TR 70 DIAGRAMS - LAYOUT SCALE: 1/2"=1"-0"



B ENLARGED TR 70 DIAGRAMS - LADDER TRAY

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



ENLARGED TR 70 RACK ELEVATIONS

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

KEYED NOTES

PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNERSHIP AT CONCLUSION

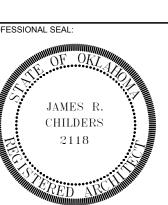
GENERAL NOTES

- ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER. TEST AND SUBMIT REQUIRED WARRANTY INFORMATION FOR ALL PANDUIT FIBER OPTIC CABLES. PROVIDE OWNERSHIP I.T. COPIES OF ALL TEST RESULTS SUBMITTED
- TO PANDUIT IN THE RAW TESTER FORMAT. TEST, CERTIFY AND SUBMIT WARRANTY INFORMATION FOR ALL HORIZONTAL COPPER
- CABLES USING PERMANENT LINK METHOD. TESTS ARE TO BE PERFORMED WITH A SIEMON APPROVED TESTER TO THEIR SPECIFIC ACTIONS AND STANDARDS. NOTE, FLUKE DTX-1800 IS THE PREFERRED TESTER. PROVIDE OWNER'S I.T. COPIES OF ALL TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.
- PROVIDE FIRE STOPPING AS REQUIRED BY CODE, FOR ALL FLOOR AND WALL PENETRATIONS AND FOR ALL CONDUITS ENTERING THE TELECOM ROOM. PROVIDE DRAWINGS AND PERMITS AS REQUIRED.
- ALL CONDUITS ENTERING OR LEAVING THE TELECOM ROOM SHALL BE LABELED ON BOTH ENDS, SHALL HAVE NYLON BUSHING BRACKET AND PULL STRING.
- ALL RACKS AND CABINETS SHALL HAVE A LABEL ATTACHED TO THE TOP OF EACH LOCATION. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
- STRAIN RELIEF: UTILIZE VELCRO TYPE RE-ENTERABLE CABLE TIES FOR ALL MULTI PAIR COPPER CABLES.
- EVERY RACK AND CABINET INSTALLED SHALL HAVE A HORIZONTAL GROUNDING BUS BAR KIT, B-LINE-#SBHBI19K, INSTALLED ON THE BACK OF A RACK OF CABINET IN THE TOP RMU LOCATION. THE HORIZONTAL BUS BAR SHALL BE CONNECTED DIRECTLY TO THE ROOMS GROUNDING BUS BAR.
- 0. ALL EMPTY OUTLETS ON EITHER THE 24 OR 48 PORT UNLOADED PATCH PANEL SHALL HAVE BLACK BLANKS INSTALLED INTO EACH OUTLET OPENING.
- PROVIDE HILTI SLEEVE PENETRATIONS FOR ALL POINTS OF ENTRY INTO TELECOM
- 3. COORDINATE EXACT CABINET / RACK POSITIONING WITH OWNER'S REPRESENTATIVE TO ENSURE FLOOR TILE ALIGNMENT.

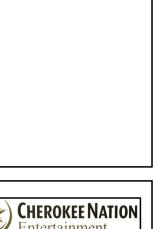
- 1) INSTALL CONTRACTOR PROVIDED 2 POST RACK, PANDUIT #R2P.
- (2) AV CONTRACTOR WILL INSTALL 4 POST RACK, MID ATLANTIC *BGR-4138.
- (3) INSTALL CONTRACTOR PROVIDED DATA CABINET, APC #AR3300.
- (4) INSTALL CONTRACTOR PROVIDED VERTICAL WIRE MANAGER, CPI #30162-703.
- (5) PROVIDE AND INSTALL 12" LADDER TRAY BLACK, CPI #10250-712.
- (6) PROVIDE AND INSTALL 18" LADDER TRAY BLACK, CPI #10250-718. (7) PROVIDE AND INSTALL JUNCTION SPLICE KIT BLACK, CPI #11302-701.
- (8) PROVIDE AND INSTALL BUTT SPLICE KIT BLACK, CPI #11301-701.
- (9) PROVIDE AND INSTALL 12" WALL ANGLE BLACK, CPI #11421-712.
- (10) PROVIDE AND INSTALL 18" WALL ANGLE BLACK, CPI #11421-718.
- (11) PROVIDE AND INSTALL 12" RUNWAY DROP BLACK, CPI #12100-712.
- 12) PROVIDE AND INSTALL 18" RUNWAY DROP OUT BLACK, CPI #12100-718.
- 13) PROVIDE AND INSTALL 8" SIDE DROP BLACK, CPI #12101-712.
- (14) PROVIDE AND INSTALL TOP PLATE 12" RUNWAY BLACK, CPI #10595-712.
- (15) PROVIDE AND INSTALL TOP PLATE 18" RUNWAY BLACK, CPI #10595-718.
- (16) PROVIDE AND INSTALL TELCOM GROUNDING BAR KIT, B-LINE #SBTGBK.
- 17) PROVIDE AND INSTALL 4 RMU FIBER HOUSING, PANDUIT #FRME4. (18) PROVIDE AND INSTALL 2 RMU HORIZONAL WIRE MANAGER, PANDUIT #WMPHF2E.
- (19) PROVIDE AND INSTALL RM 110 BLACK, LEVITON #49013-P24.
- (20) PROVIDE AND INSTALL RACK MOUNT SHELF, B-LINE #SB747S1915SFB.
- (21) PROVIDE AND INSTALL 24 PORT PATCH PANEL UNLOADED, PANDUIT #CPPL24BLY.
- (22) PROVIDE AND INSTALL 48 PORT PATCH PANEL UNLOADED, PANDUIT #CPPL48BLY.
- 23) PROVIDE AND INSTALL RACK DRAWER, MIDDLE ATLANTIC #D3.
- 24) PROVIDE AND INSTALL HILTI SLEEVE.
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- (30) PROVIDE AND INSTALL 24 PORT FLAT PATCH PANEL, PANDUIT #CPPL24WBLY.

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CONSULTANT LOGO:



CHEROKEE NATION

CHEROKEE NATION ENTERTAINM TAHLEQUAH CASINO

ADDENDUM #13

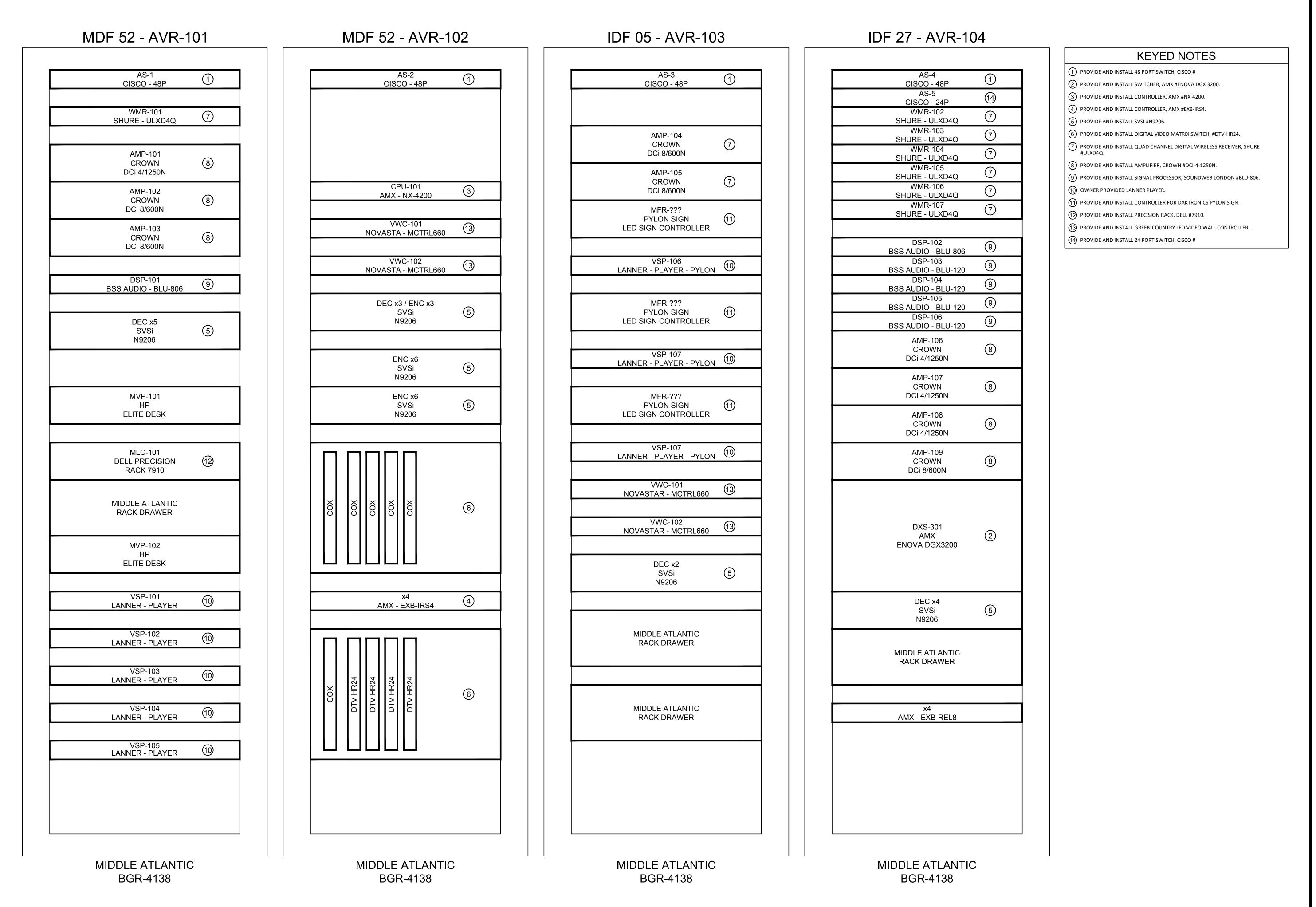
06/15/2018 17-06

ITS304

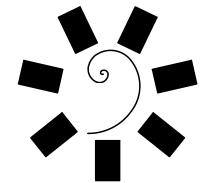
ENLARGE TR 70 DIAGRAMS

NOT FOR CONSTRUCTION

FOR ROUGH-IN ONLY



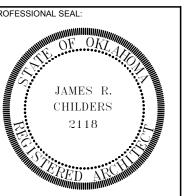
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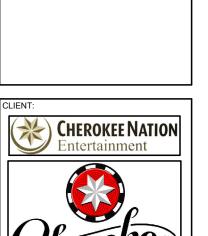
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CONSULTANT LOGO:



ERTAINMENT ASINO

CHEROKEE NATION ENTERTAINM

TAHLEQUAH, OKLAHOMA

PROJECT PHASE:

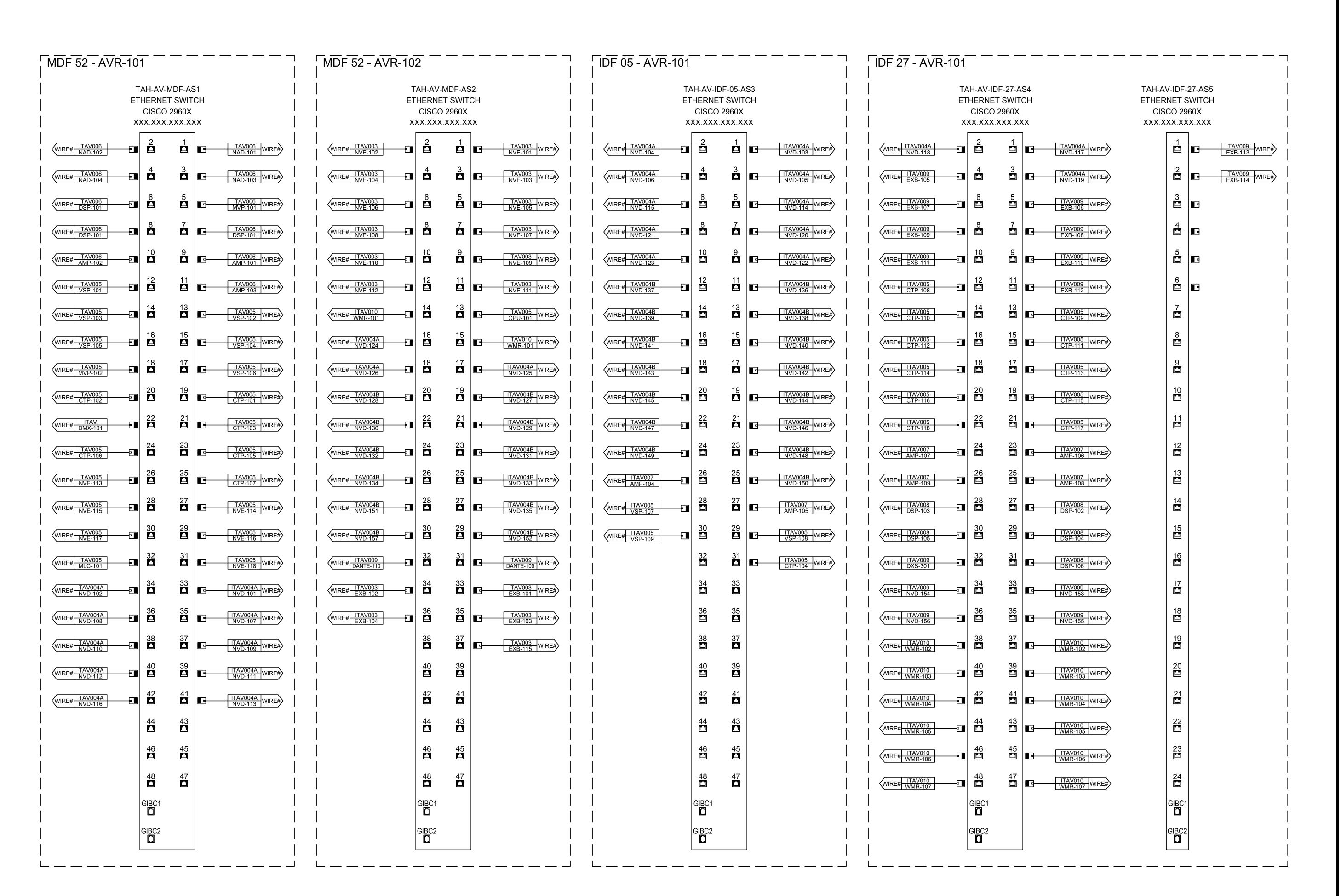
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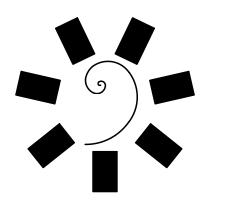
F	REVISIONS
DATE	DESCRIPTION

DATE: JOB NUMBER: 17-06
SHEET NUMBER:

ITAV001

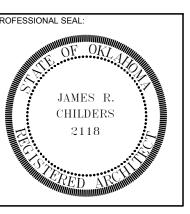
AV RACK ELEVATIONS





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CONSULTANT LOGO:

(CHEROKEE NATION "Therokee".

> NTERTAINME EROKEE NATION EN TAHLEQUAH (

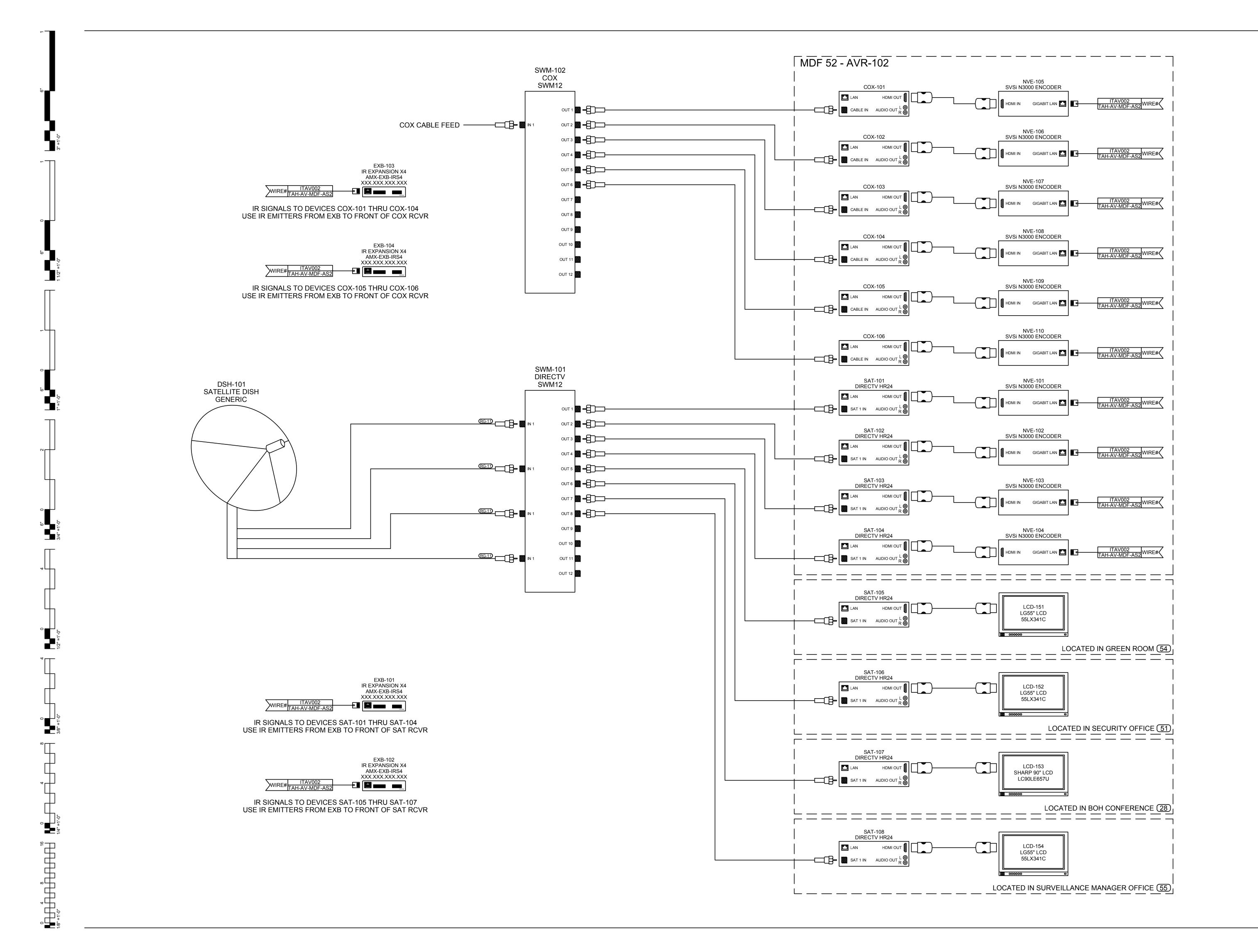
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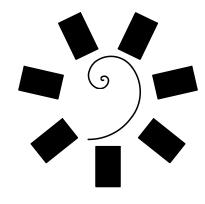
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06/15/2018 17-06

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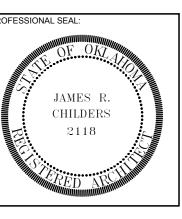
WIRING DIAGRAM ETHERNET SWITCHES





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CONSULTANT LOGO:

LIENT:

CHEROKEE NATION
Entertainment



ROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

ROJECT PHASE:

ADDENDUM #13

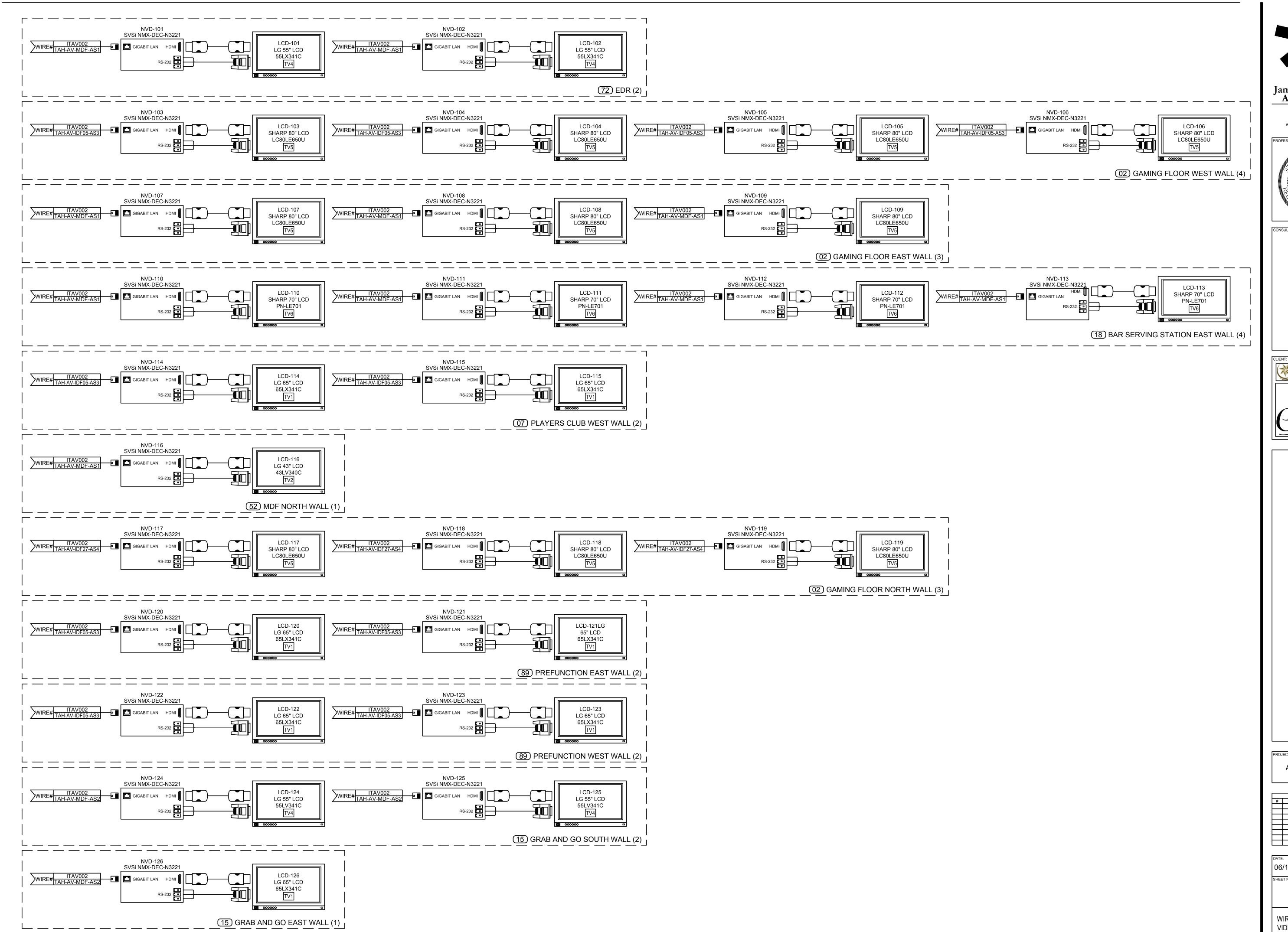
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DATE: JOB NUMBER: 17-06

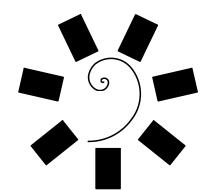
SHEET NUMBER:

ITAV003

WIRING DIAGRAM
DTV VIDEO SOURCES

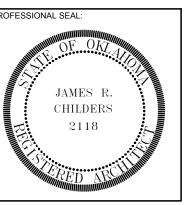


16 8 = 1'-0"



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ISULTANT LOGO:

CHEROKEE NATION Entertainment

Cherokee

Cherokee

Cherokee

CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH CASINO

TABLEDIAL ON SUCCESSION STATEMENT

DJECT PHASE:

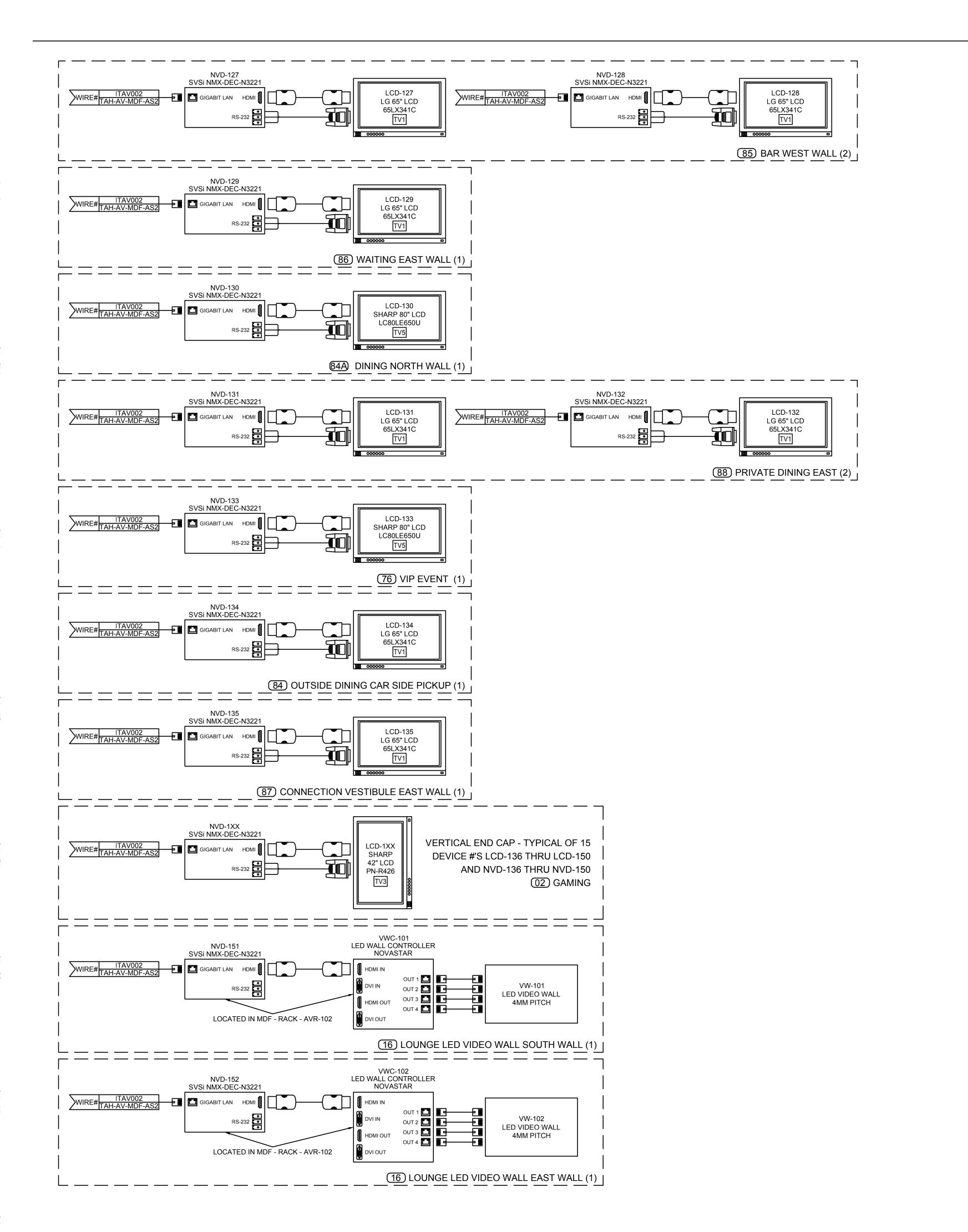
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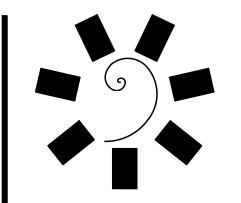
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#	DATE	DESCRIPTION			

DATE: JOB NUMBER: 17-06
SHEET NUMBER:

ITAV004A

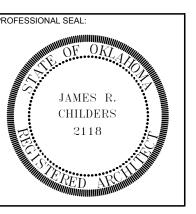
WIRING DIAGRAM VIDEO DISPLAYS





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ONSULTANT LOGO:



TERTAINMENT

CHEROKEE NATION ENTERTAINM
TAHLEQUAH CASINO

ROJECT PHASE:

ADDENDUM #13

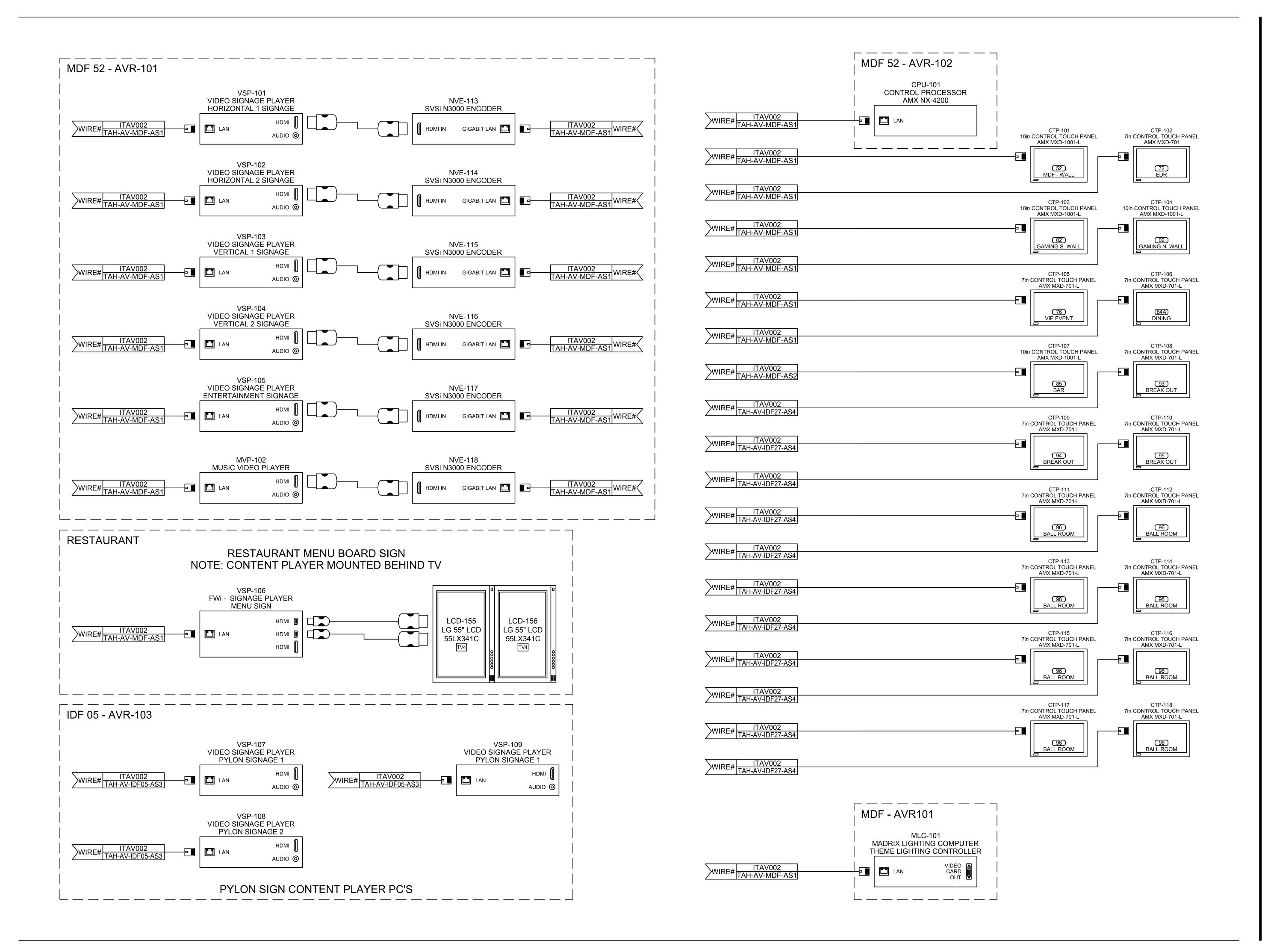
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#	DATE	DESCRIPTION

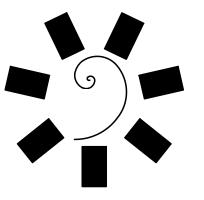
DATE: JOB NUMBER: 17-06

SHEET NUMBER:

ITAV004B

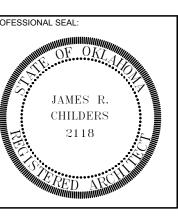
WIRING DIAGRAM VIDEO DISPLAYS





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CONSULTANT LOGO:

(CHEROKEE NATION

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ADDENDUM #13

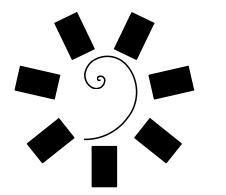
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ITAV005

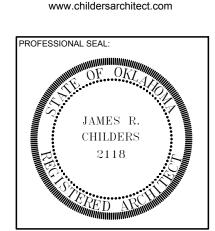
WIRING DIAGRAM DIGITAL SIGNAGE PLAYERS & AV CONTROL

0 | 1/4" = 1'-0"

1/8" = 1'-0"



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CONSULTANT LOGO:



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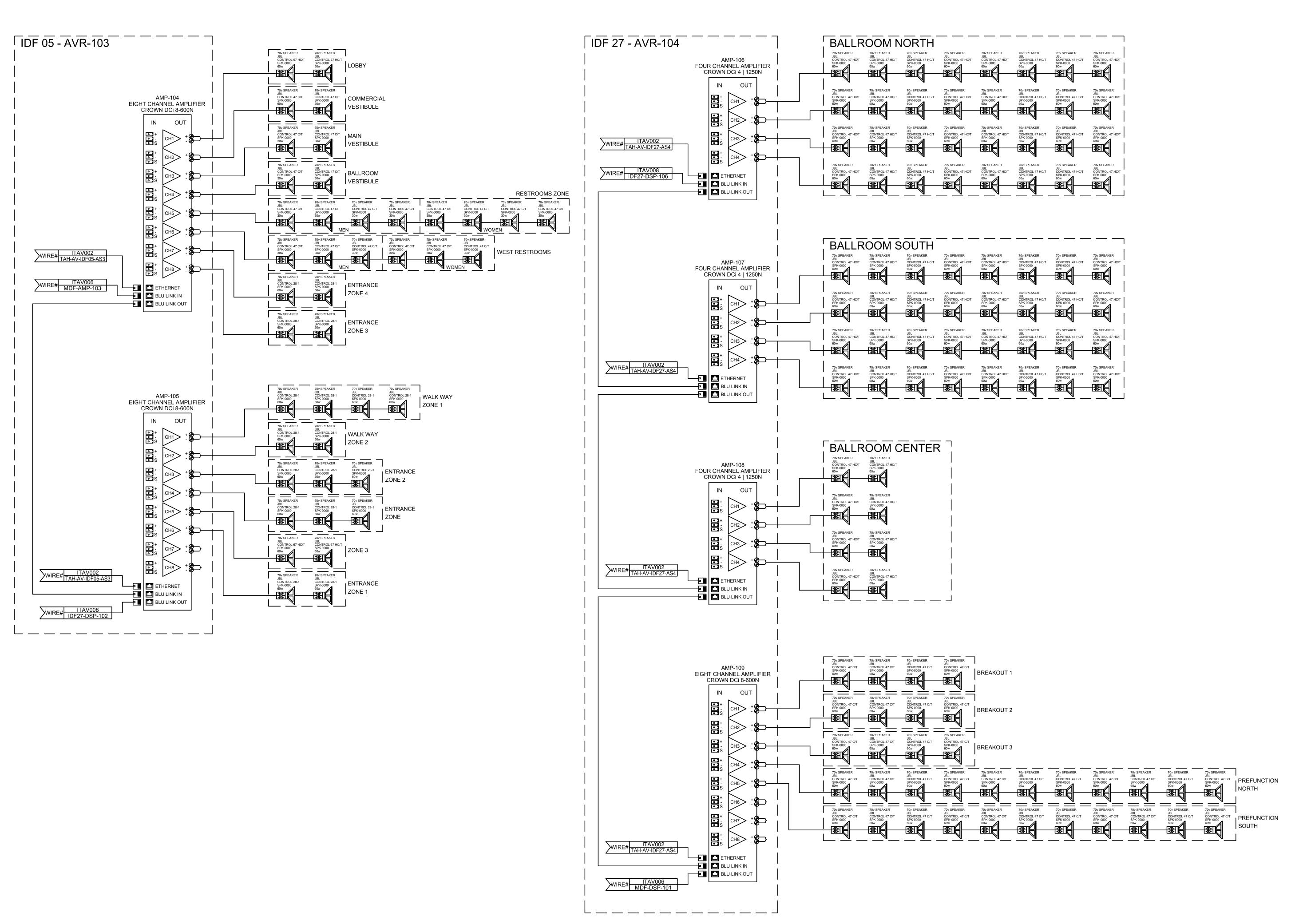
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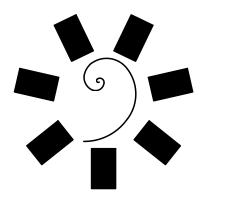
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06/15/2018 17-06

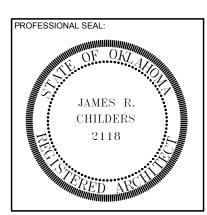
ITAV006

WIRING DIAGRAM AUDIO DSP & DISTRIBUTION





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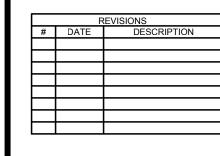
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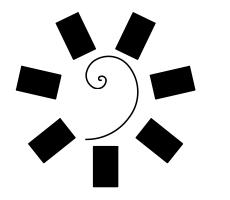
CHEROKEE NATION ENTERTAINMENT TAHLEQUAH CASINO

ADDENDUM #13



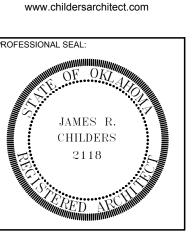
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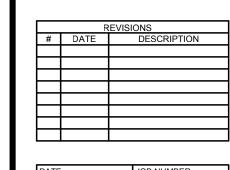


CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH, OKLAHOMA

PROJECT PHASE:

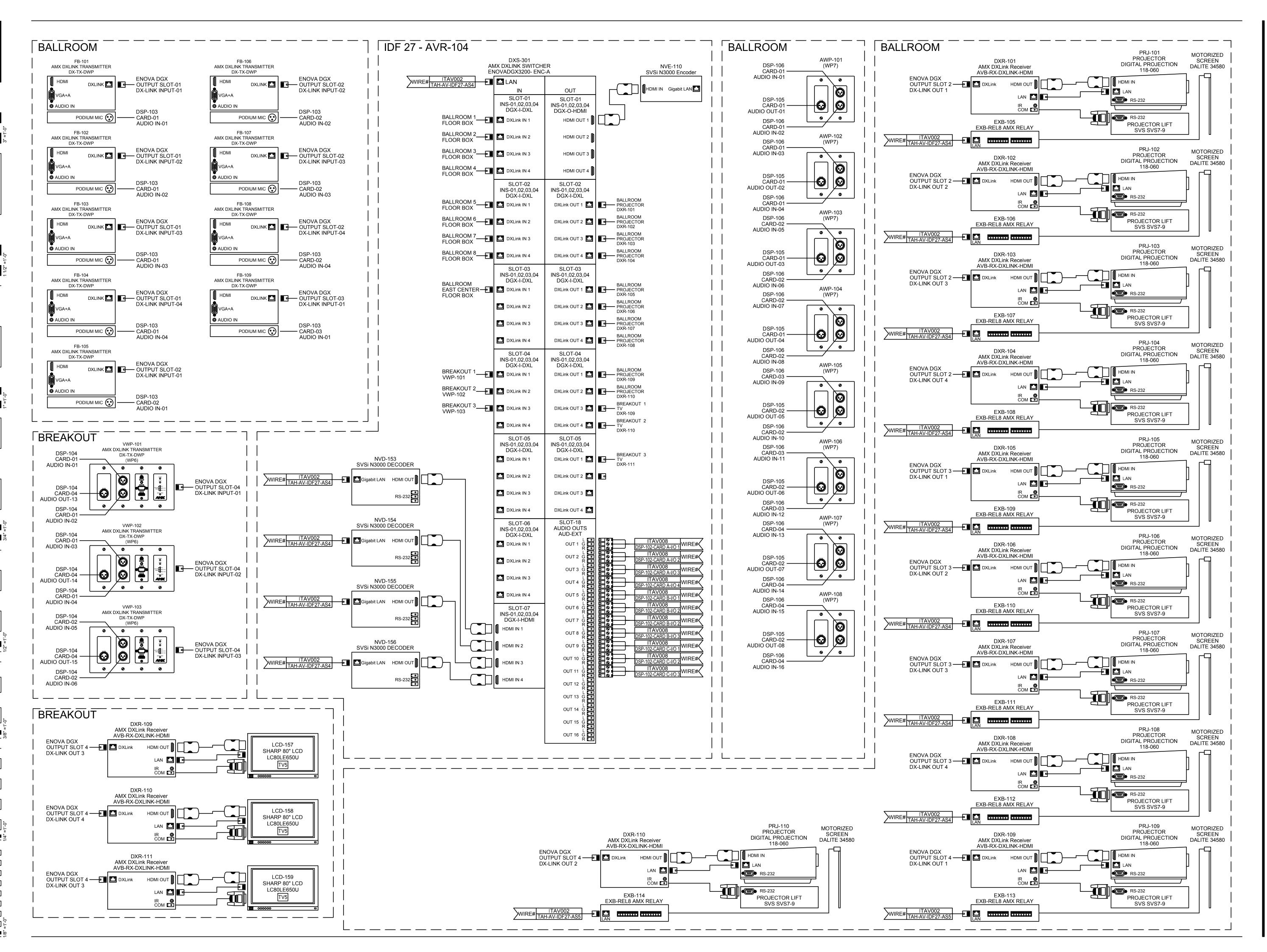
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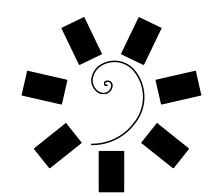


06/15/2018 17-06
SHEET NUMBER:

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WIRING DIAGRAM
BALLROOM
AUDIO DISTRIBUTION

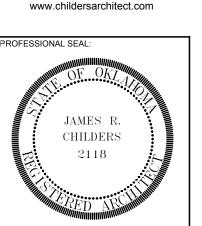




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Fort Smith AR 72901

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CONSULTANT LOGO:





CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH, OKLAHOMA

PROJECT PHASE:

ADDENDUM #13

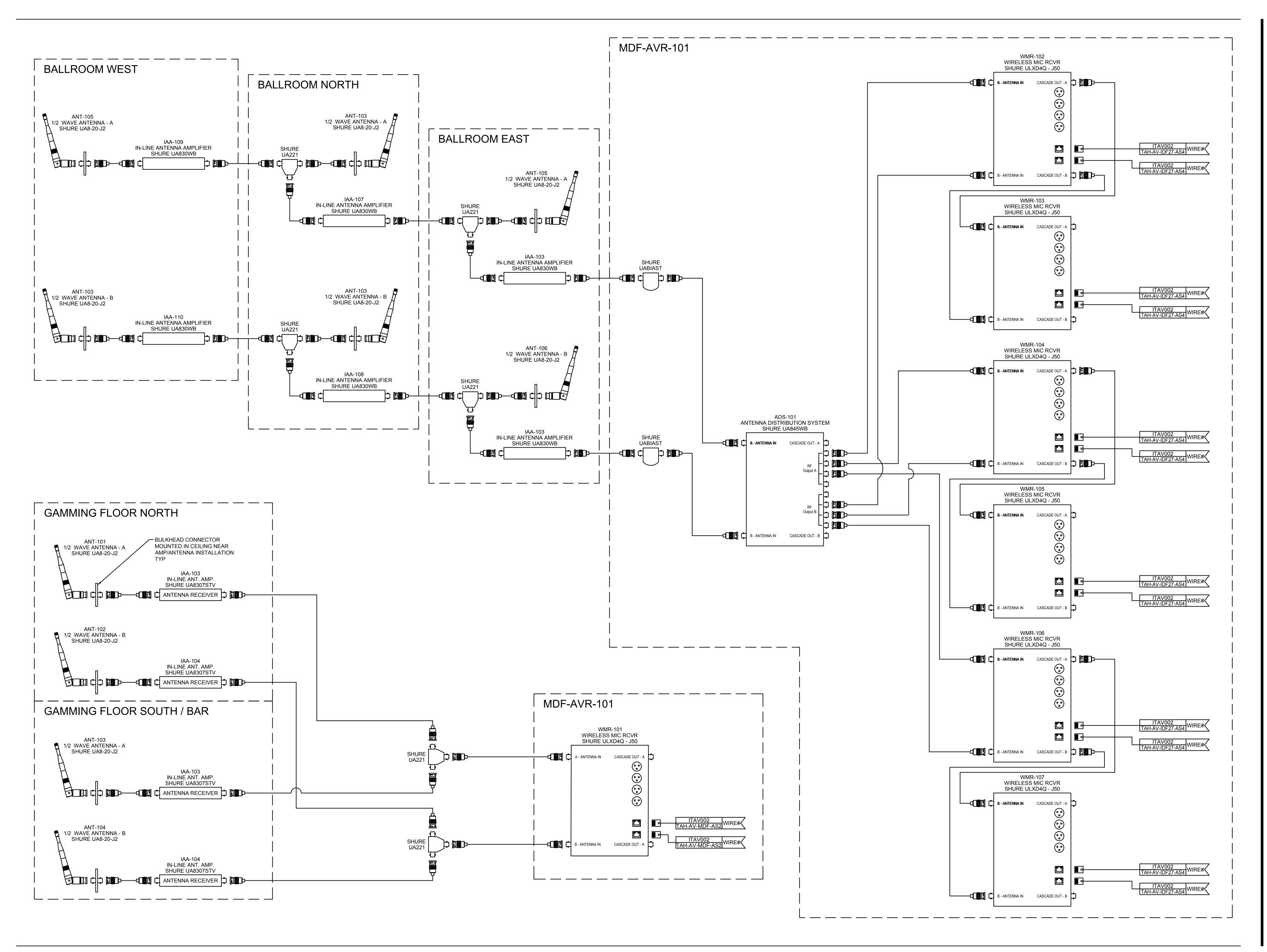
REVISIONS
DATE DESCRIPTION

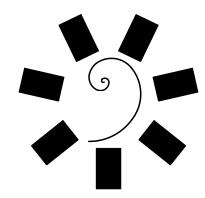
DATE: JOB NUMBER: 17-06
SHEET NUMBER:

ITAV009

WIRING DIAGRAM BALLROOM

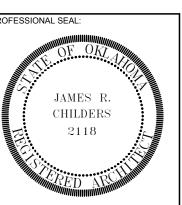
AV DISTRIBUTION





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CONSULTANT LOGO:





CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH, OKLAHOMA

ADDENDUM #13

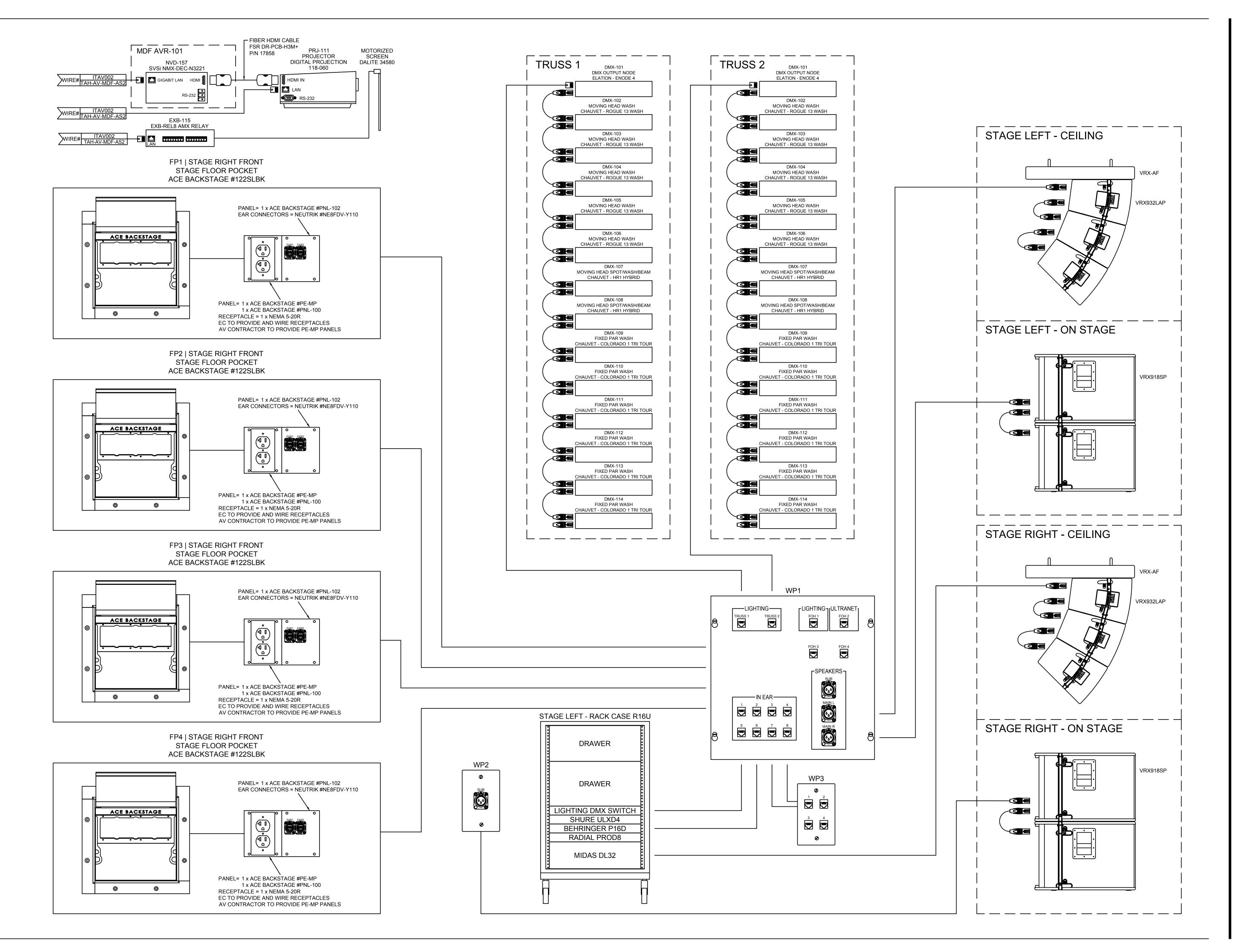
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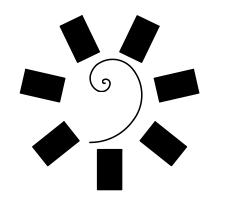
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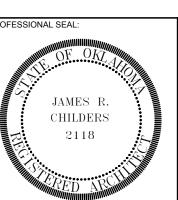
WIRING DIAGRAM
WIRELESS MIC SYSTEMS





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CONSULTANT LOGO:



TAHLEQUAH CASINO

PROJECT PHASE:

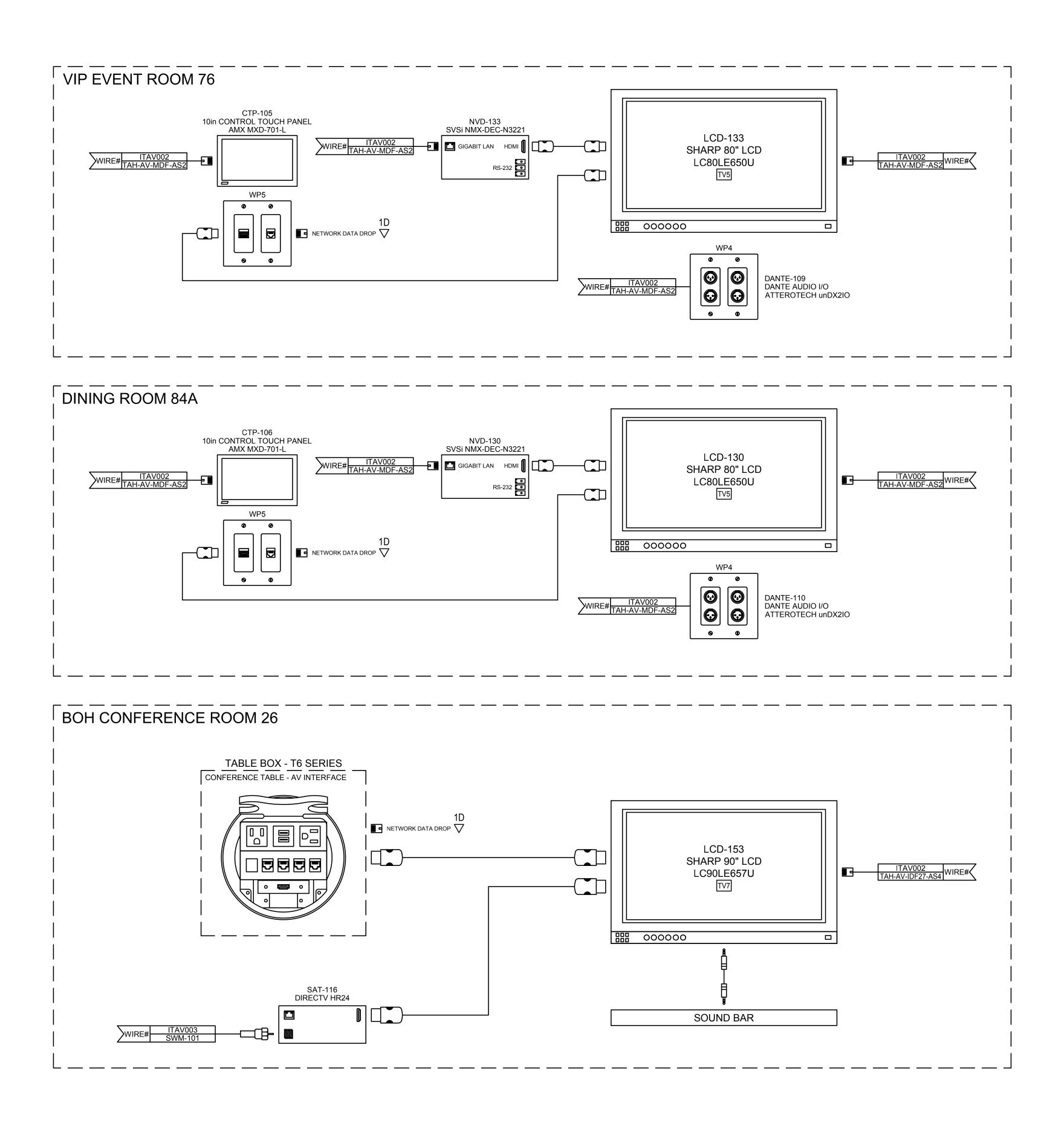
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DATE DESCRIPTION

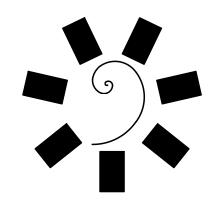
ADDENDUM #13

DATE: JOB NUMBER: 17-06

15/2018 17-06
NUMBER:

WIRING DIAGRAM STAGE AUDIO & LIGHTING





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PROFESSIONAL SEAL:

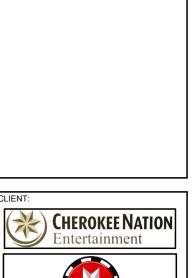
OF OKL

JAMES R.

CHILDERS

2118

CONSULTANT LOGO:



CHEROKEE NATION Entertainment

Cherokee

Cherokee

Cherokee

CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH CASINO

SH H

PROJECT PHASE:

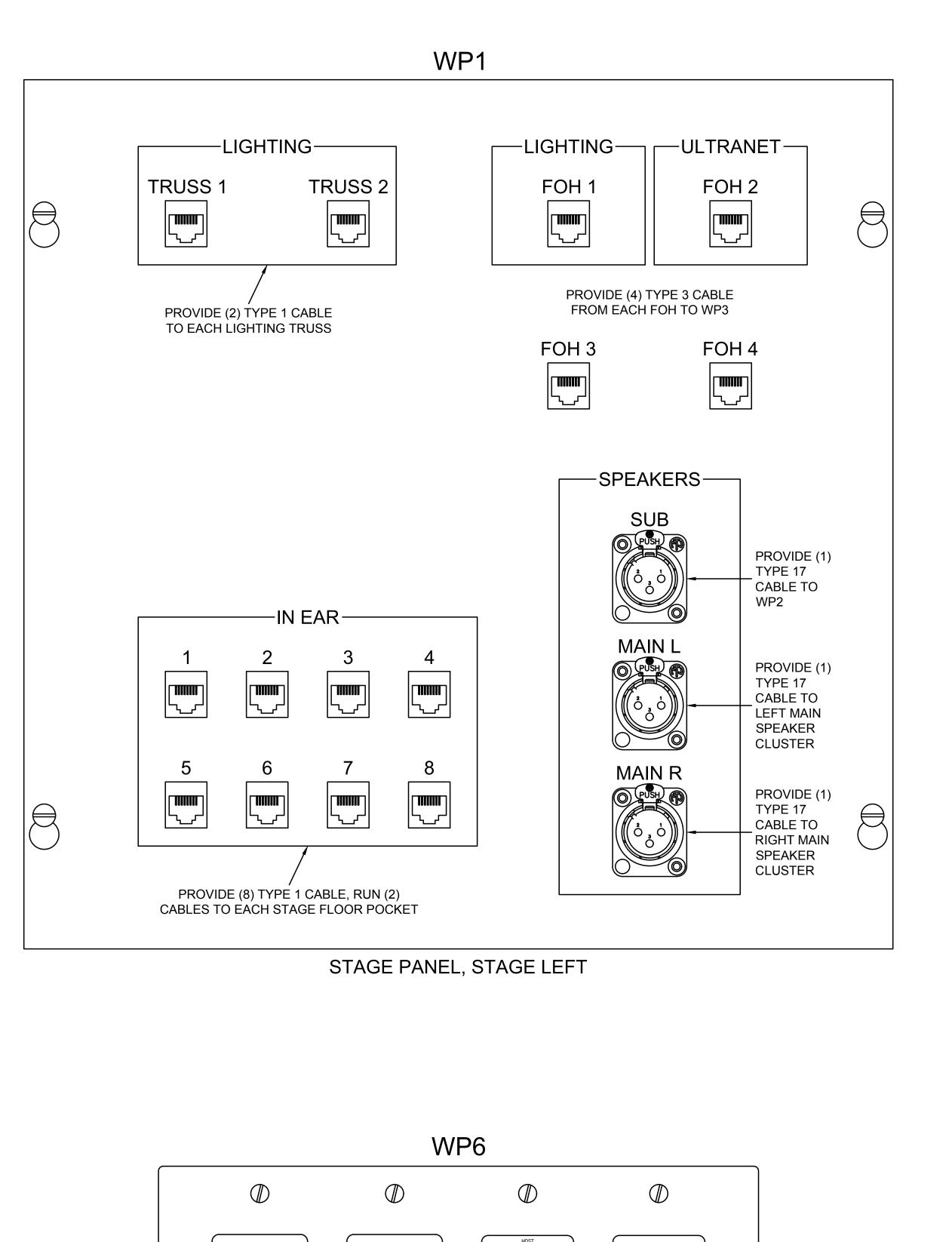
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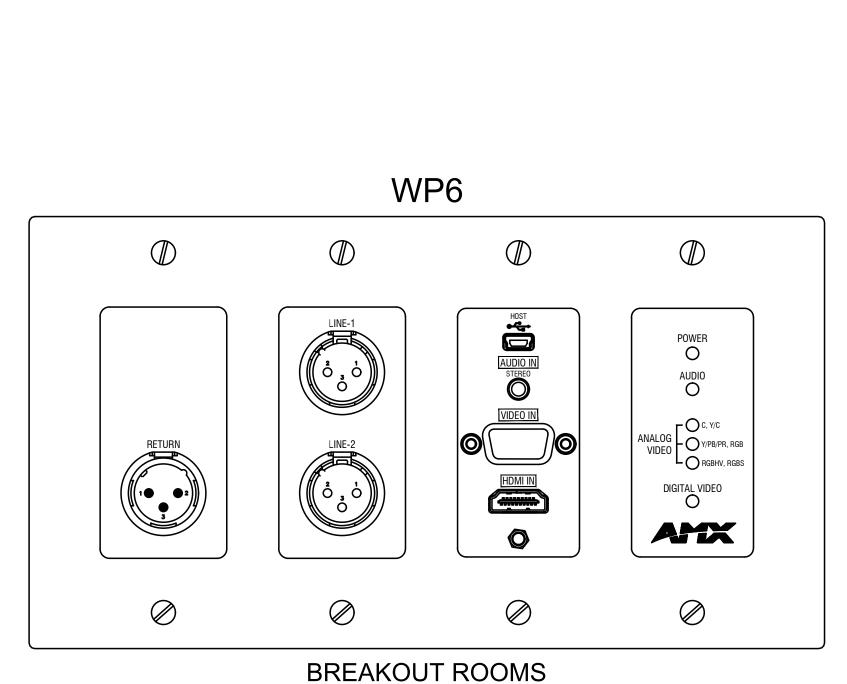
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DATE: JOB NUMBER: 17-06
SHEET NUMBER:

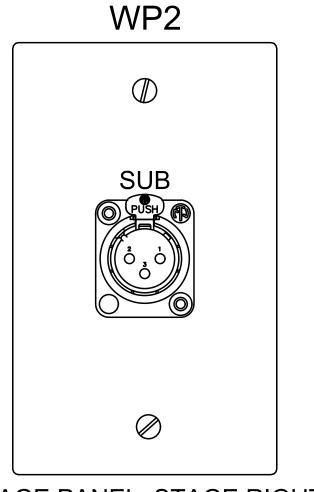
ITAV012

WIRING DIAGRAM
BOH CONFERENCE, VIP
EVENT & DINING ROOMS

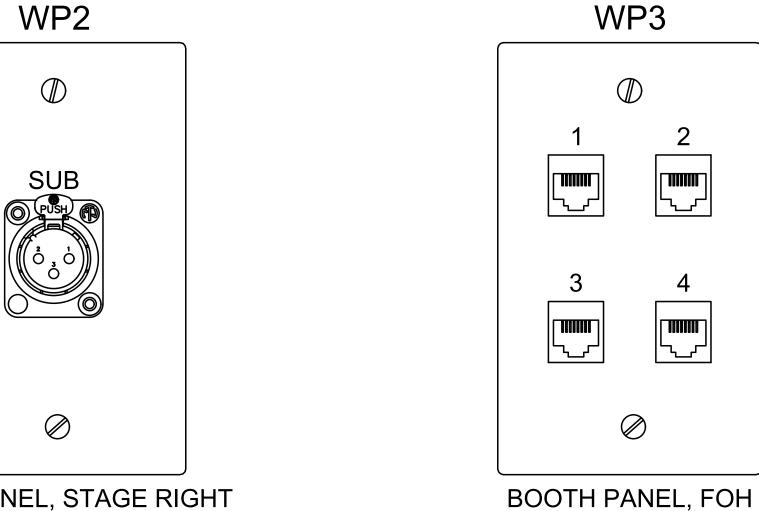


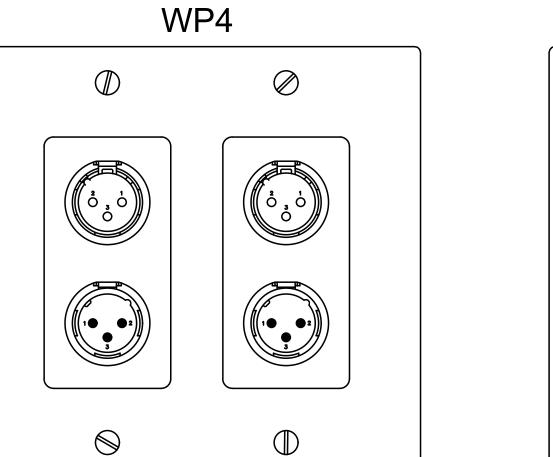


PROVIDE (1) TYPE 3 CABLE, (3) TYPE 17 CABLE TO IDF 27 AVR-104

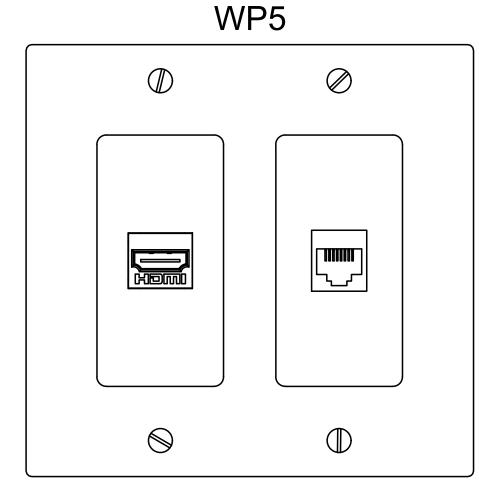


STAGE PANEL, STAGE RIGHT PROVIDE (1) TYPE 17 CABLE TO WP1



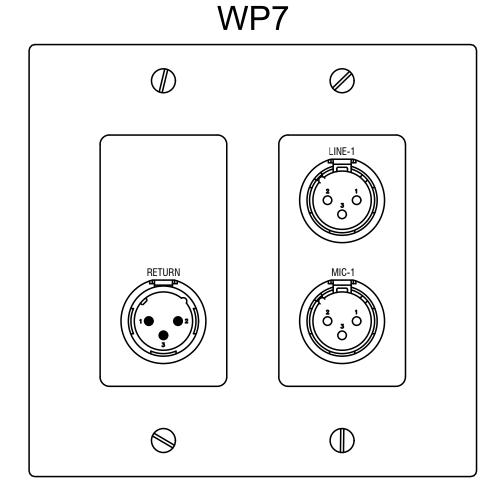






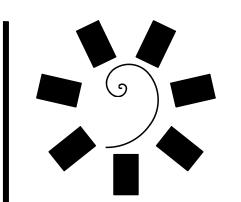
PROVIDE (4) TYPE 3 CABLE TO WP1

VIP/DINING ROOMS PROVIDE (1) TYPE 1 CABLE, (1) HDMI CABLE TO TV FIELD VERIFY HDMI CABLE LENGTH NEEDED



BALLROOM PROVIDE (3) TYPE 17 CABLE TO IDF 27 AVR-104

REFER TO CABLE MATRIX MASTER SCHEDULE ON PLAN SHEET ITS000B



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CHEROKEE NATION
Entertainment

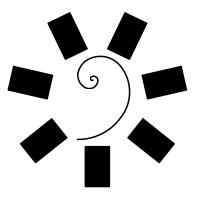
CHEROKEE NATION ENTERTAINM TAHLEQUAH CASINO

ADDENDUM #13

06/15/2018 17-06

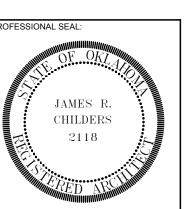
ITAV013

WIRING DIAGRAM AV WALL PLATES



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CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH CASINO

OJECT PHASE:

ADDENDUM #13

	F	REVISIONS
#	DATE	DESCRIPTION

DATE: JOB NUMBER: 17-06

SHEET NUMBER:

ITAV100

AV SITE PLAN

GENERAL NOTES

- 1. SEE CABLE MATRIX ON ITS COVER SHEET FOR CABLE TYPES AND PART NUMBERS.
- 2. LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAMS SERIES FOR ADDITIONAL INFORMATION. PROVIDE AND INSTALL DYMO #18055 SHRINK TUBE LABELS, 2" FROM MODULAR PLUG
- 3. ALL CABLES SHALL ROUTE BACK TO THE APPROPRIATE ER/TR/TC ROOM. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY CONDUIT, CONDUIT FITTINGS, JUNCTION BOXES, J-HOOKS, AND WIRE BASKET TO CREATE A COMPLETE
- 4. PROVIDE ALL SLEEVES AND CONDUIT STUB-UPS WITH NYLON BUSHING PROIOR TO PULLING CABLE.
- 5. THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT IN BASKET TRAYED LOCATIONS. NO SPACING BETWEEN LOOPS SHALL EXCEED 4'. NO CABLE SHALL DROOP MORE THAN 6" OR TOUCH OTHER SYSTEM CABLES, PIPES, DUCTS, OR CEILING SUPPORTS. THERE SHALL BE A MINIMUM SEPARATION OF 6" BETWEEN LIGHT FIXTURES AND ELECTRICAL SOURCES.
- 6. NO MORE THAN 6" SERVICE LOOP MAY BE STORED IN OUTLET BOX LOCATION. A 10" SERVICE LOOP SHALL BE ROLLED, COILED AND STORED IN CEILING CAVITY ABOVE EACH DROP LOCATION. UTILIZE PROPER CABLE SUPPORT WITH VELCRO WRAP TO HOLD IN PLACE.
- HOLD IN PLACE.

 ALL PENETRATIONS THROUGH FIRE RATED BUILDING STRUCTURES (WALLS AND FLOORS) SHALL BE SEALED WITH AN APPROPRIATE UL LISTED FIRE STOP SYSTEM.

 ANY PENETRATING ITEMS SUCH AS CABLES, CONDUIT, CABLE TRAY, AND RACEWAYS

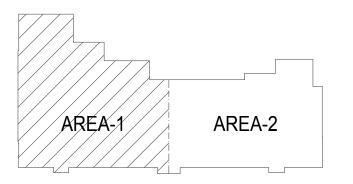
SHALL BE PROPERLY FIRE STOPPED. FIRE STOP SYSTEM SHALL BE UL LISTED TO ASTM E814 AND SHALL BE APPROVED BY THE PROFESSIONAL ENGINEER (P.E.) OF

- COORDINATE EXACT MOUNTING HEIGHT AND LOCATION OF ALL OUTLETS MOUNTED ADJACENT TO ELECTRICAL OUTLETS IN WALLS OR CASEWORK PRIOR TO ROUGH-IN.
- 9. PROVIDE A SIEMON 5 SQUARE, EXTRA DEEP JUNCTION BOX WITH ONE (1) 1"
 KNOCKOUT AND ONE (1) 1/4" KNOCKOUT WITH MUD RING TO REDUCE TO SINGLE GANG
 FACEPLATE TO EACH TV LOCATION. INSTALL EITHER A 1" OR 1 1/4" CONDUIT AS
 REQUIRED TO CEILING SPACE WITH SMOOTH THROAT CONNECTOR AND NYLON
 BUSHING FOR ALL DATA/VOICE CAT6 OUTLETS. REFER TO THE ITS DIAGRAMS SERIES
 FOR FACEPLATE CONFIGURATIONS AND ADDITIONAL INFORMATION.
- 10. THERE SHALL BE NO CABLES BUNDLED IN GROUPS GREATER THAN ## CABLES. NO CABLE TIES SHALL BE USED ON HORIZONTAL CABLE. VELCRO IS THE ONLY ACCEPTABLE CABLE BUNDLING WRAP/TIE.
- 11. NO CABLE SHALL BE INSTALLED PRIOR TO ANY CEILING PAINTING. DATA CABLES ARE NOT TO BE PAINTED. ANY PAINT, OVER SPRAY, OR BUSH MARKS IS TO BE REMOVED PRIOR TO TESTING AND CERTIFICATION.
- 12. ALL PANDUIT PRODUCTS MUST BE INSTALLED BE A PANDUIT CERTIFIED INSTALLER.
- 13. ALL HORIZONTAL CABLE SYSTEMS SHALL COME WITH AN EXTENDED MANUFACTURE WARRANTY. TEST, CERTIFY, AND SUBMIT WARRANT INFORMATION FOR CALL HORIZONTAL COPPER CABLES USING PERMANENT LINK METHOD. TEST TO BE PERFORMED WITH A MANUFACTURE APPROVED TESTER TO THEIR SPECIFICATIONS AND STANDARDS. NOTE: FLUKE #DTX-1800 IS THE PREFERRED TESTER. PROVIDE ONE ELECTRONIC COPY OF ALL TEST RESULTS SUBMITTED TO MANUFACTURE IN THE RAW TESTER FORMAT. EVERY CABLE NEEDS TO BE CERTIFIED.
- 14. TEST, CERTIFY AND SUBMIT REQUIRED WARRANTY INFORMATION FOR ALL PANDUIT FIBER OPTIC CABLES. PROVIDE OWNERS ITS REPRESENTATIVES COPIES OF ALL TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.
- 15. WITHIN TR/ER LOCATIONS ALL COPPER AND FIBER OPTIC CABLE SHALL BE BUNDLED AND INSTALLED IN AN EXPANDABLE, BRAIDED SLEEVE. NO MORE THAN 24 CABLES PER SLEEVE.
- SLEEVE.

 16. FIBER CABLING SHALL BE INSTALLED IN ACCORDANCE WITH 2008 NEC ARTICLE 770.
- 17. ALL ACTIVE EQUIPMENT IS CONTRACTOR PROVIDED.
- 18. ALL TV MOUNTS, PROJECTOR MOUNTS, PROJECT SCREENS, BACK BOXES ARE PROVIDED BY AV CONTRACTOR, CONTRACTOR INSTALLED.
- 19. SPEAKER RUNS ARE TO BE INSTALLED (GROUPED) AS SHOWN.
- 20. ALL TV'S AND SIGNAGE, TOUCH PANELS, SPEAKER CABLES, AND OTHER AV DEVICES SHALL BE LANDED IN THE APPROPRIATE AV RACK COORDINATE WITH OWNERS REPRESENTATIVE FOR EXACT LOCATIONS AND DIAGRAMS.
- 21. THE AV SYSTEM IS A COMPLETE, OPERATIONAL SYSTEM. ALL ACTIVE EQUIPMENT INNER CONNECT CABLES, CONNECTORS AND BACK BOXES ARE MOUNTS ARE CONTRACTOR PROVIDE AND INSTALLED UNLESS OTHERWISE NOTED.

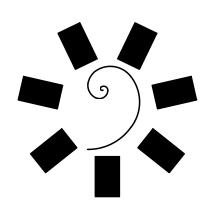
KEYED NOTES

- PROVIDE AND INSTALL ONE (1) TYPE 16 CABLE TO SPEAKER CLUSTER. COORDINATE LOCATION WITH OWNERS'S REPRESENTATIVE/G.C. PRIOR TO INSTALLATION. INSTALL OWNER PROVIDED SPEAKER CLUSTER.
- 2 PROVIDE AND INSTALL ONE (1) TYPE 1 CABLE TO WIRELESS MIC. RECEIVER COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE/G.C. PRIOR TO INSTALLATION. INSTALL OWNER PROVIDED RECEIVER.
- 3 PROVIDED AND INSTALL TWO (2) TYPE 1 CABLES FROM PROJECTOR OUTLET BOX TO MDF ROOM. INSTALL OWNER PROVIDED CEILING MOUNT AND PROJECTOR. COORDINATE LOCATION WITH OWNERS REPRESENTATIVE/G.C. PRIOR TO INSTALLATION.
- PROVIDE AND INSTALL ONE (1) CONTROL CABLE TO OWNER PROVIDED RECESSED PROJECTION SCREEN.
- PROVIDE AND INSTALL ONE (1) TYPE 16 CABLE BETWEEN SPEAKER AS SHOWN.
 COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- 6 PROVIDE AND INSTALL ONE (1) TYPE 1 TO DMX CONTROLLER. ROUTE TO MDF ROOM AND TERMINATE WITH RJ45.



CEILING AV PLAN - AREA 1

1/16" = 1'-0"



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JAMES R.
CHILDERS
2118

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NTERTAINMENT CASINO LAHOMA

ECT PHASE:

ADDENDUM #13

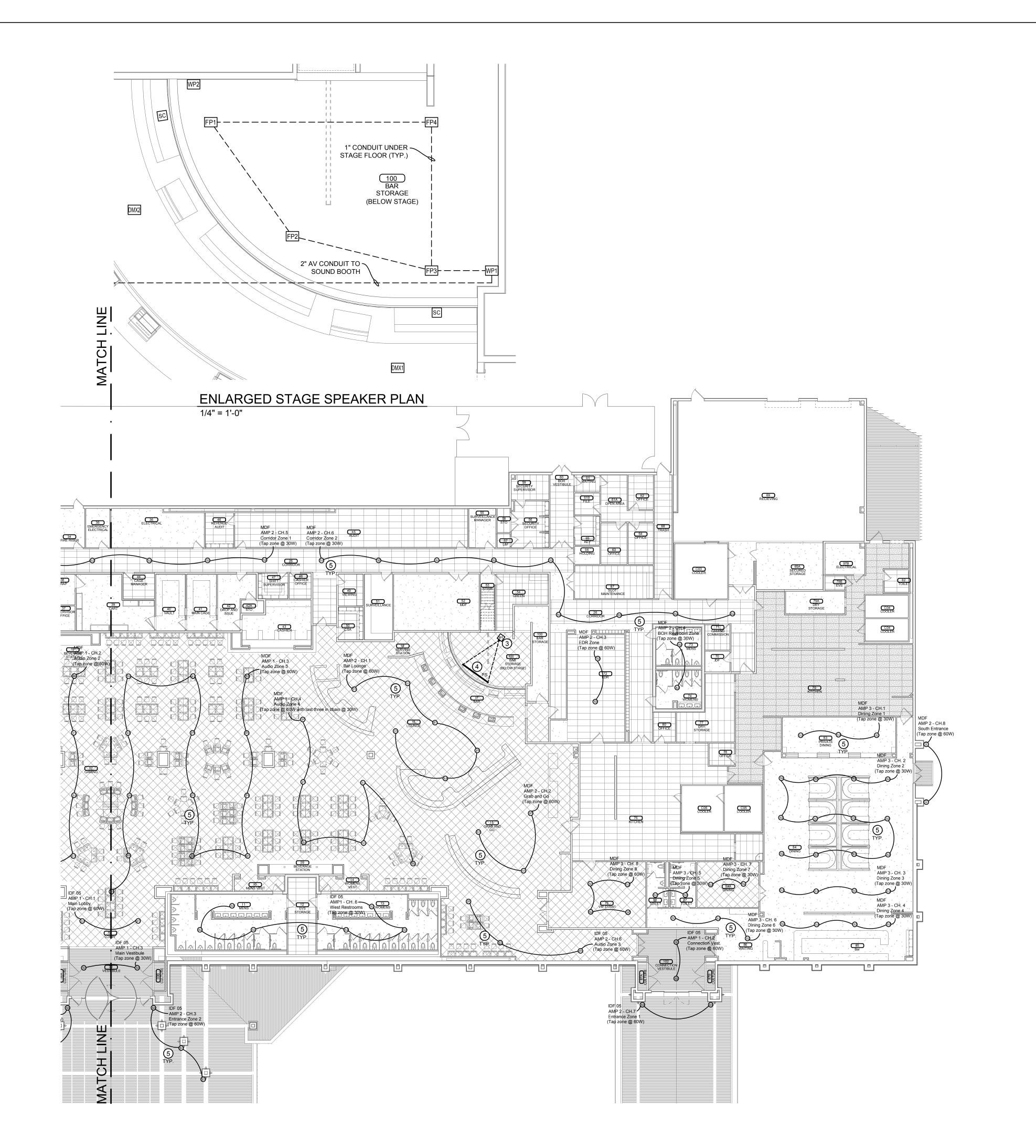
ROKEE NATION ENTANTANTE TAHLEQUAH

REVISIONS
DATE DESCRIPTION

DATE: JOB NUMBER: 17-06

ITAV101

CEILING AV PLAN AREA 1



GENERAL NOTES

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ASTM E814 AND SHALL BE APPROVED BY THE PROFESSIONAL ENGINEER (P.E.) OF

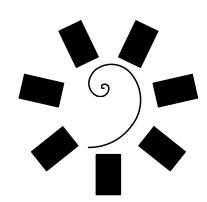
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KEYED NOTES

- (1) PROVIDE AND INSTALL ONE (1) TYPE 16 CABLE TO SPEAKER CLUSTER. COORDINATE LOCATION WITH OWNERS'S REPRESENTATIVE/G.C. PRIOR TO INSTALLATION. INSTALL OWNER PROVIDED SPEAKER CLUSTER.
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- (4) PROVIDE AND INSTALL ONE (1) CONTROL CABLE TO OWNER PROVIDED RECESSED PROJECTION SCREEN.
- (5) PROVIDE AND INSTALL ONE (1) TYPE 16 CABLE BETWEEN SPEAKER AS SHOWN. COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- 6 PROVIDE AND INSTALL ONE (1) TYPE 1 TO DMX CONTROLLER. ROUTE TO MDF ROOM AND TERMINATE WITH RJ45.

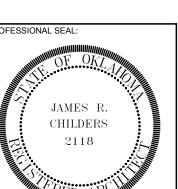


CEILING AV PLAN - AREA 2 1/16" = 1'-0"



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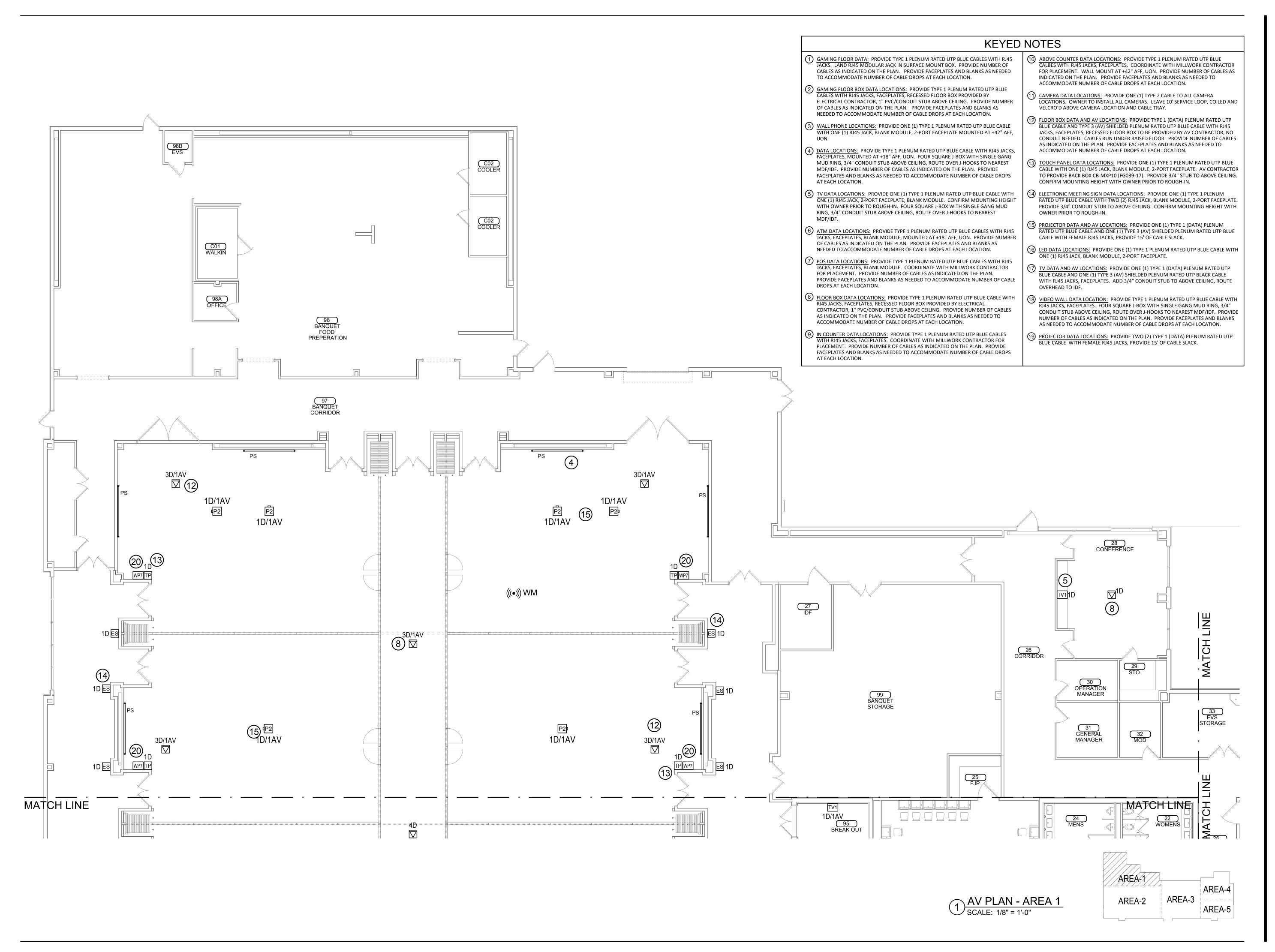
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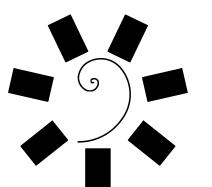
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DATE	DESCRIPTION	

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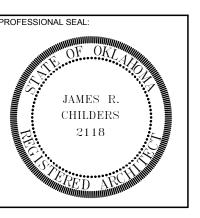
CEILING AV PLAN AREA 2





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CONSULTANT LOGO:

ENT:

CHEROKEE NATION

CHEROKEE NATION Entertainment

Clerokee

Casino

CHEROKEE NATION ENTERTAINMENT

TAHLEQUAR, OKLAHOMA

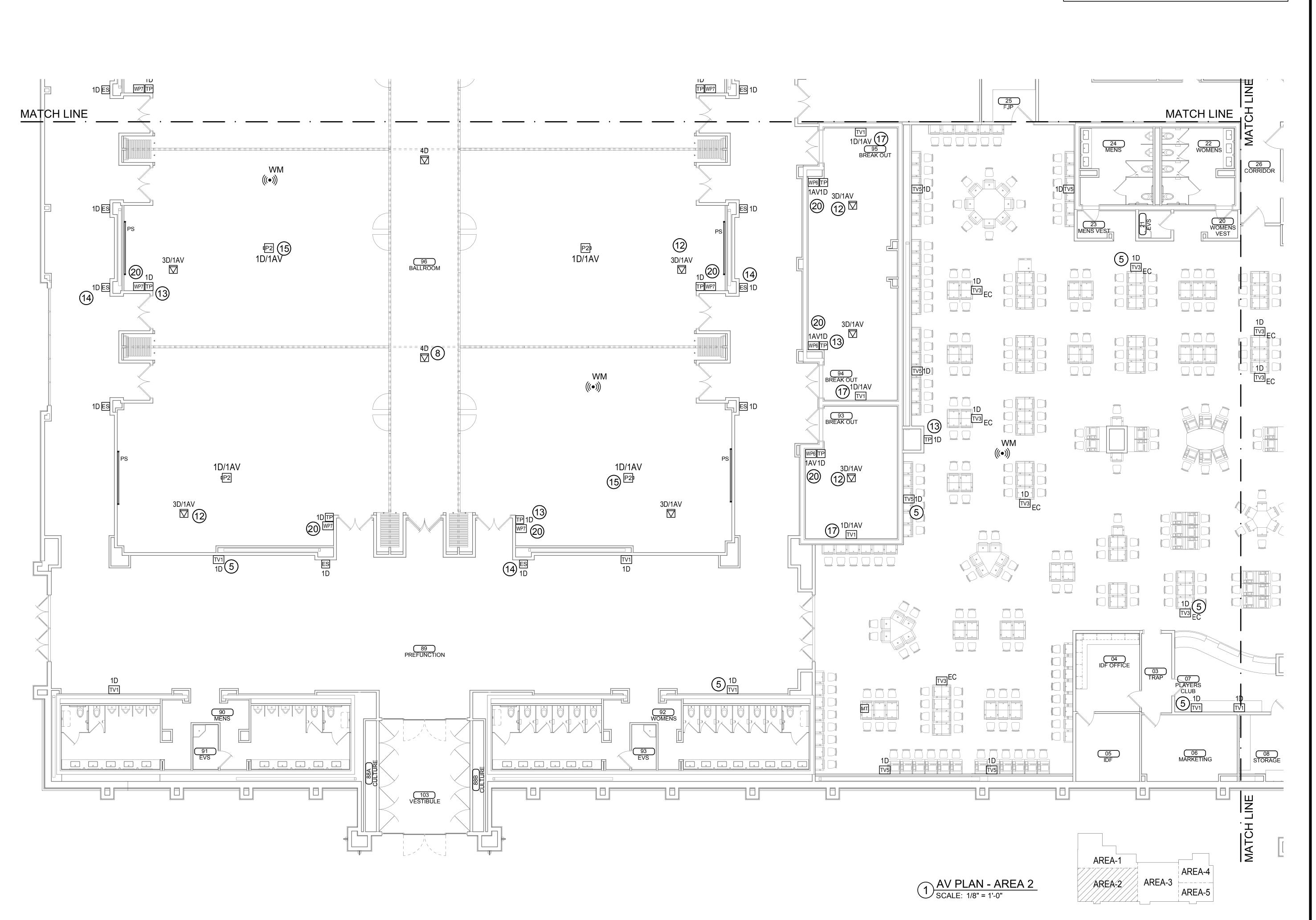
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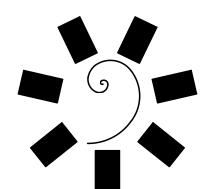
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SHEET NUMBER:

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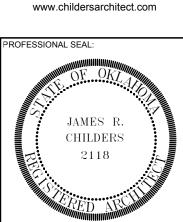
AV PLAN - AREA 1



1/8" = 1'-0"



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CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

ADDENDUM #13

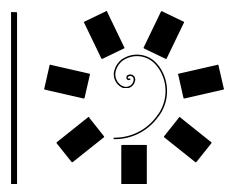
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#	DATE	DESCRIPTION

06/15/2018 17-06

ITAV202

AV PLAN - AREA 2

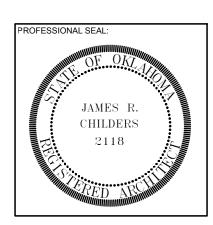
1/8" = 1'-0"



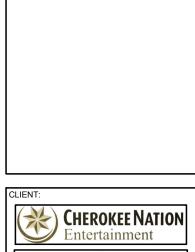
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CONSULTANT LOG



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CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH CASINO

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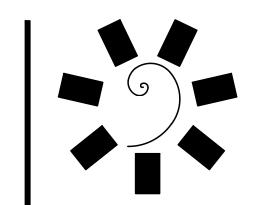
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DATE: JOB NUMBER: 17-06
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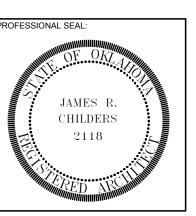
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AV PLAN - AREA 3

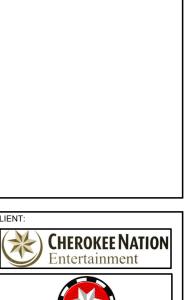


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SULTANT LOGO:



CHEROKEE NATION Entertainment

Cherokee

Cherokee

CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH OKLAHOMA

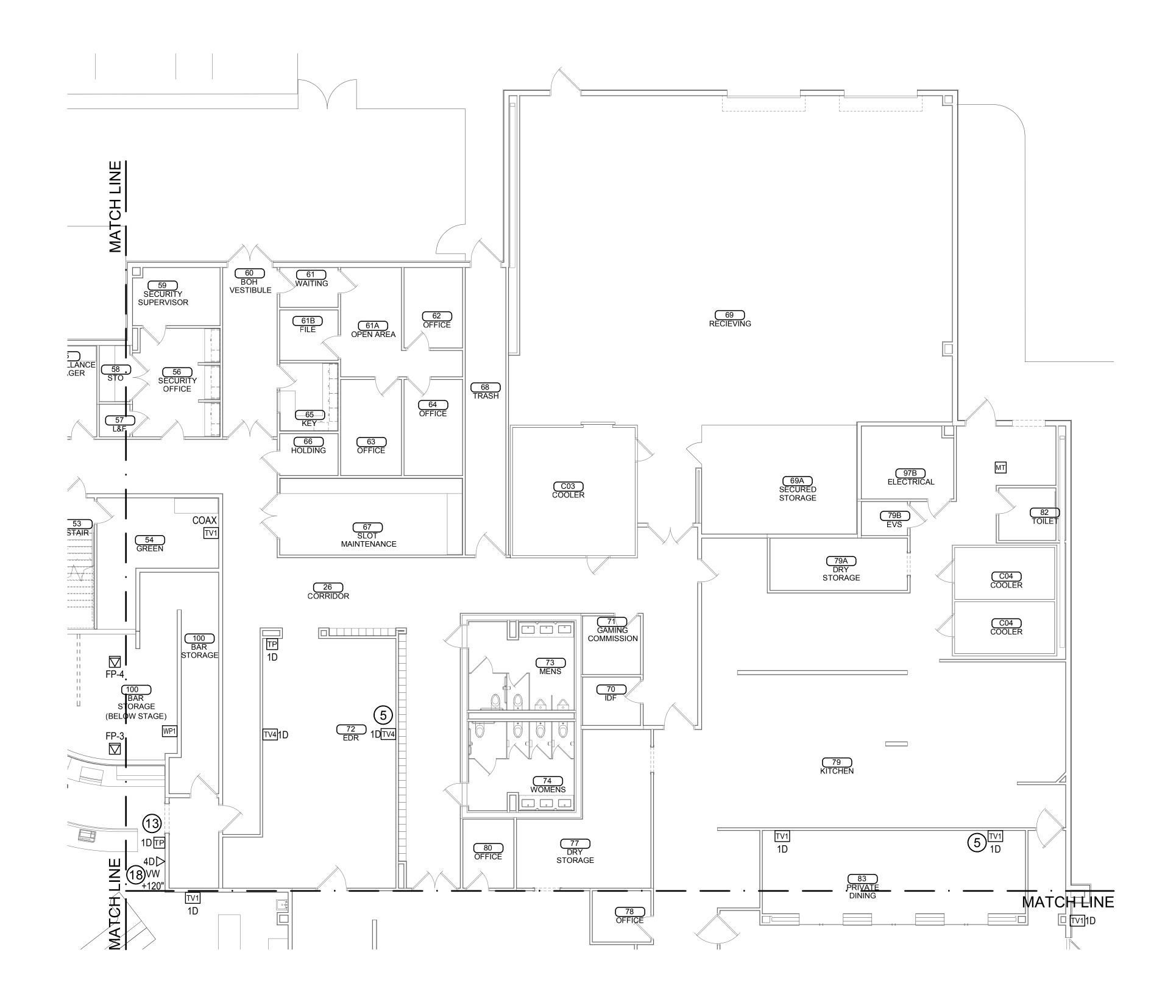
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ADDENDUM #13

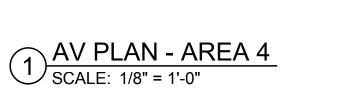
REVISIONS
DATE DESCRIPTION

DATE: JOB NUMBER: 17-06
SHEET NUMBER: ITAV204

AV PLAN - AREA 4



1/8" =1-0"



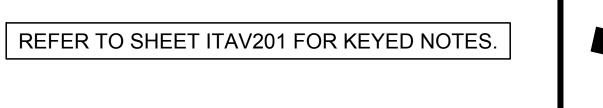
AREA-1

AREA-2

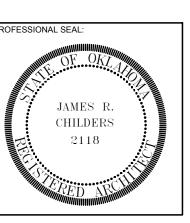
AREA-4

AREA-5

AREA-3









CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

ADDENDUM #13

DATE DESCRIPTION
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AV PLAN - AREA 5

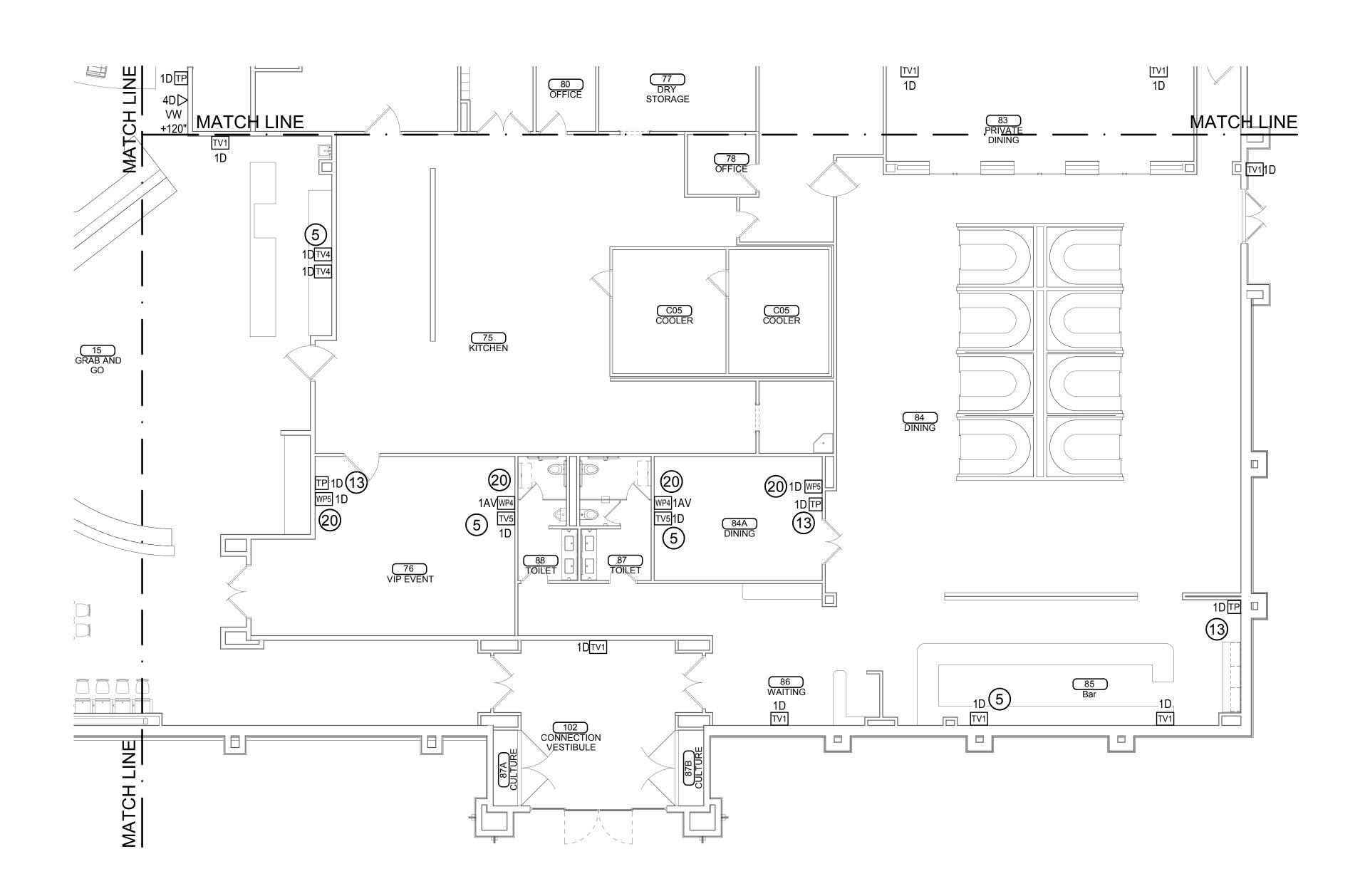
AREA-4

AREA-5

AREA-3

AREA-2

1 AV PLAN - AREA 5 SCALE: 1/8" = 1'-0"



1/8" = 1'-0"

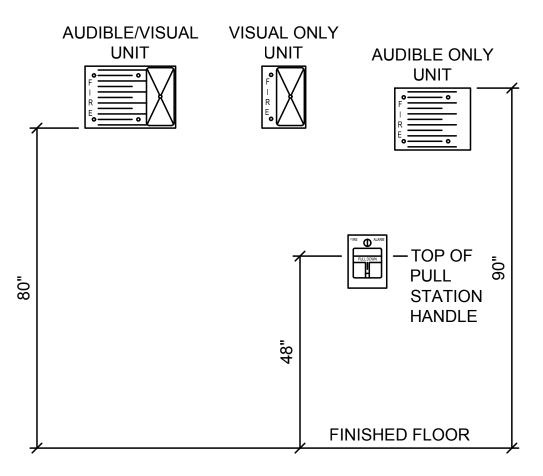
FIRE ALARM LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
FACP	FIRE ALARM & EMERGENCY COMMUNICATION CONTROL UNIT	(AMM)	ADDRESSABLE INPUT MODULE
DACT	DIGITAL ALARM COMMUNICATOR	(AOM)	ADDRESSABLE OUTPUT MODULE
FAA	REMOTE FIRE ALARM ANNUNCIATOR	FAPS	FIRE ALARM POWER SUPPLY
LOC	LOCAL OPERATING CONSOLE	xx xy	WALL MOUNTED FIRE ALARM SPEAKER/STROBE, XX INDICATES CD RATING, XY INDICATES SPEAKER SETTING
F	FIRE ALARM MANUAL PULL STATION	xx xy S	CEILING MOUNTED FIRE ALARM SPEAKER/STROBE, XX INDICATES CD RATING, XY INDICATES SPEAKER SETTING
③	SMOKE DETECTOR - PHOTOELECTRIC	xy S	WALL MOUNTED FIRE ALARM SPEAKER, XY INDICATES SPEAKER SETTING
□} =- xx	DUCT SMOKE DETECTOR; XX INDICATES ASSOCIATED UNIT	sy S	CEILING MOUNTED FIRE ALARM SPEAKER, XY INDICATES SPEAKER SETTING
(RTS)	DUCT SMOKE DETECTOR REMOTE TEST STATION	xx SS	WALL MOUNTED FIRE ALARM HORN/STROBE, XX INDICATES CD RATING
①	HEAT DETECTOR	xx	WALL MOUNTED FIRE ALARM STROBE, XX INDICATES CD RATING
ASD	AIR SAMPLING DETECTOR	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
WF	WATERFLOW SWITCH (VANE TYPE)	EOL	END OF LINE RESISTOR
VS	VALVE SUPERVISORY SWITCH		

ABBREVIATIONS

FA	FIRE ALAR
FAA .	FIRE ALARM ANNUNCIATO
FACE	P FIRE ALARM CONTROL PANE
FDC	FIRE DEPARTMENT CONNECTIO
FP	FIRE PROTECTION, FIRE PUM
FL	FLOO
FT	FOOT, FEE

GENERAL NOTES

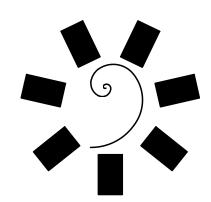
- A. PROVIDE FIRE ALARM SYSTEM REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION READY FOR USE. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND MANUFACTURER'S RECOMMENDATIONS.
- B. THE FIRE ALARM PLAN ARE FOR DESIGN PURPOSES ONLY. NOT ALL DEVICES MAY BE SHOWN OR REQUIRED. IT IS THE FIRE ALARM CONTRACTORS RESPONSIBILITY TO PROVIDE AND INSTALL A FULLY FUNCTIONAL FIRE ALARM SYSTEM THAT MEETS ALL LOCAL AND STATED CODES.
- C. PROVIDE SMOKE DETECTOR AT EACH CONTROL AND FIRE POWER SUPPLY PANEL.
- D. THE FIRE ALARM CONTRACTOR SHALL PROVIDE FIRE ALARM MODULES NEEDED TO INTERFACE WITH THE FIRE SUPPRESSION SYSTEMS. PROVIDE AN OUTDOOR HORN/STROBE AT THE FDC LOCATION. COORDINATE WITH THE FIRE SUPPRESSION CONTRACTOR. CONTRACTOR TO PROVIDE SIGNAGE THAT SAYS "WATER FLOW".
- E. THE FIRE ALARM CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTORS WHERE INDICATED ON THE PLANS. THE MECHANICAL CONTRACTOR SHALL PROVIDE WIRING FOR SHUTDOWN.
- F. ALL CEILING MOUNTED FIRE ALARM DEVICES SHALL BE INSTALLED IN THE CENTER OF THE CEILING TILES +/- 6 INCH.
- G. INSTALL A TRANSIENT VOLTAGE SURGE SUPPRESSOR EVERYWHERE FIRE ALARM WIRING ENTERS AND EXITS THE BUILDING.
- H. ALL CONDUIT SHALL BE SECURELY FASTENED TO THE STRUCTURE.



NOTES:

- A. VERIFY EXACT MOUNTING
 HEIGHTS WITH PROJECT
 REQUIREMENTS. DEVICES MAY
 OR MAY NOT APPLY TO THIS
 PROJECT. REFER TO PLANS.
- B. ALL NEW DEVICES SHALL BE INSTALLED ACCORDING TO THE MOUNTING HEIGHTS INDICATED.

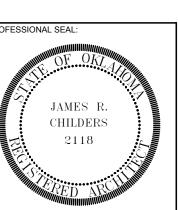
1 FIRE ALARM MOUNTING HEIGHT DETAIL SCALE: NTS



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CONSULTANT LOGO:



TAHLEQUAH CASINO

TAHLEQUAH OKLANA

ROJECT PHASE:

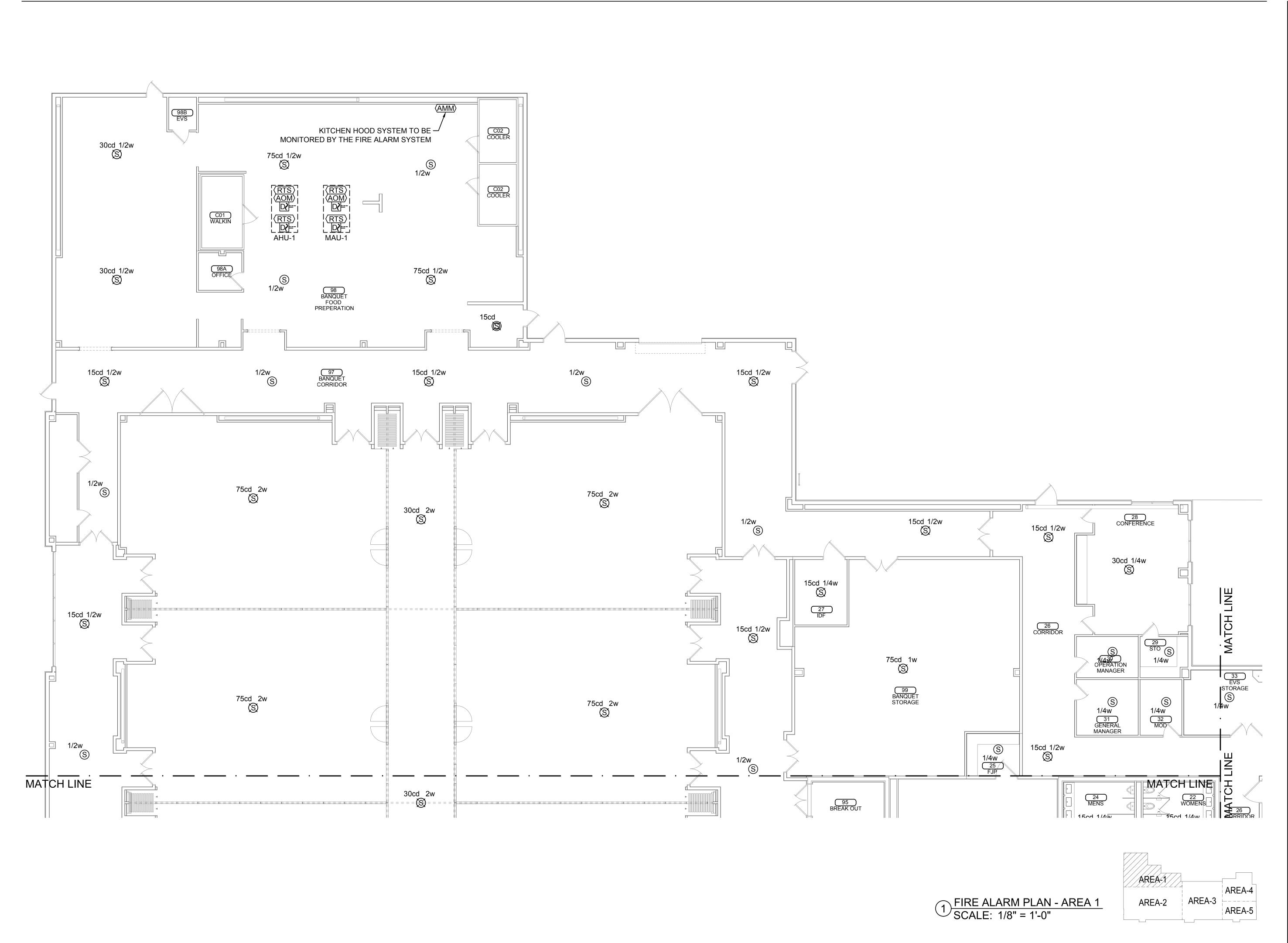
ADDENDUM #13

REVISIONS
DATE DESCRIPTION

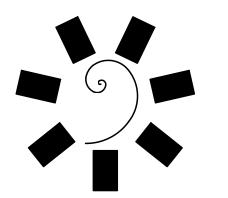
DATE: JOB NUMBER: 17-06

FA-100

FIRE ALARM LEGEND, ABBREVIATIONS & MOUNTING DETAILS

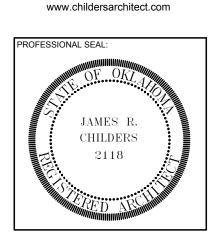


1/8" = 1'-0"

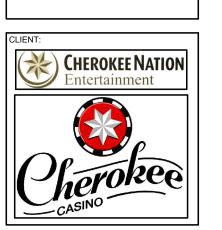


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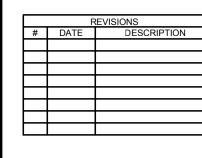
CONSULTANT LOGO:



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

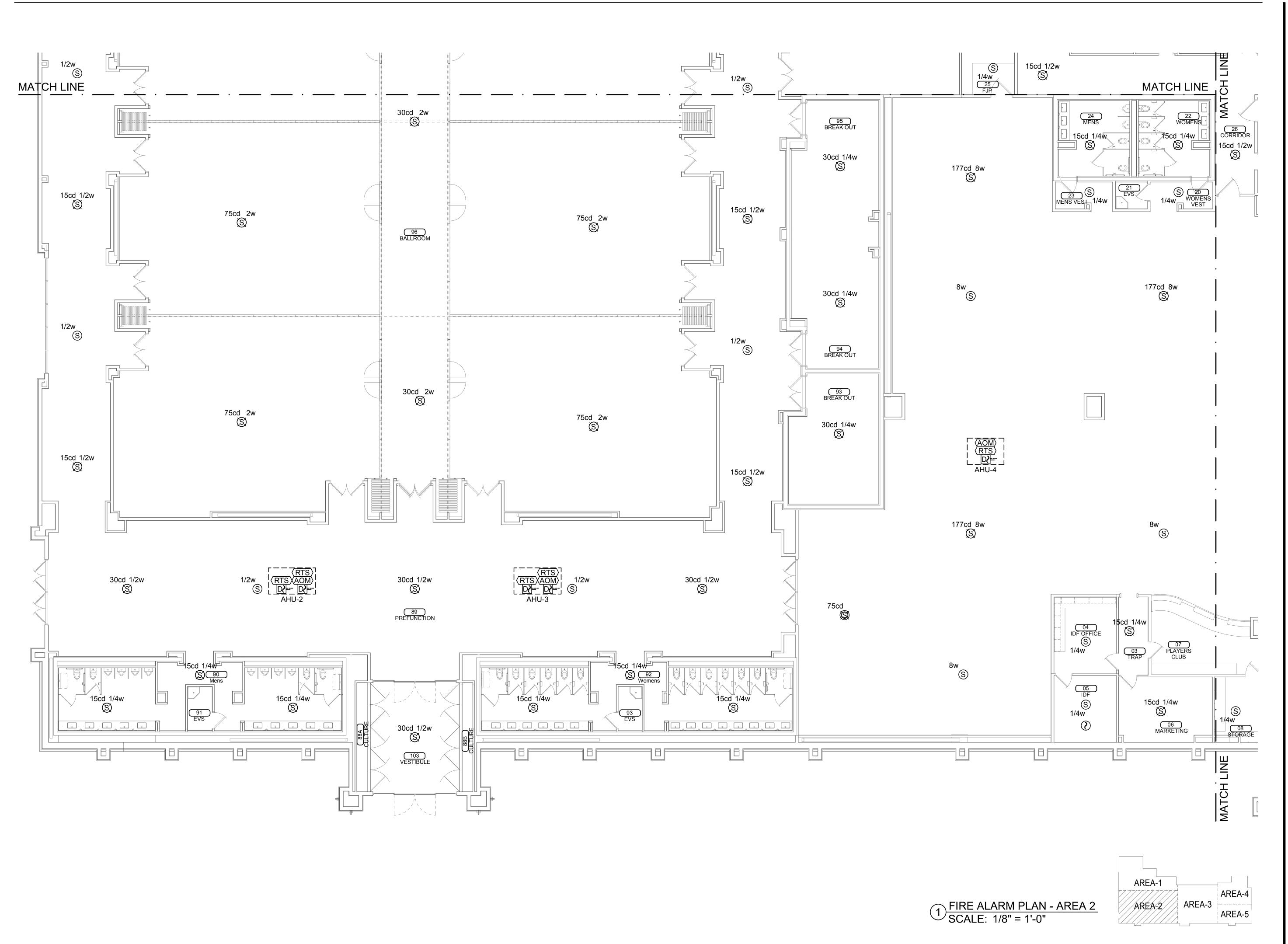
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ADDENDUM #13



DATE: JOB NUMBER: 17-06
SHEET NUMBER:

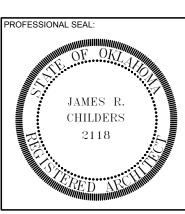
FA-101



1/8" = 1'-0"

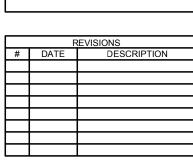


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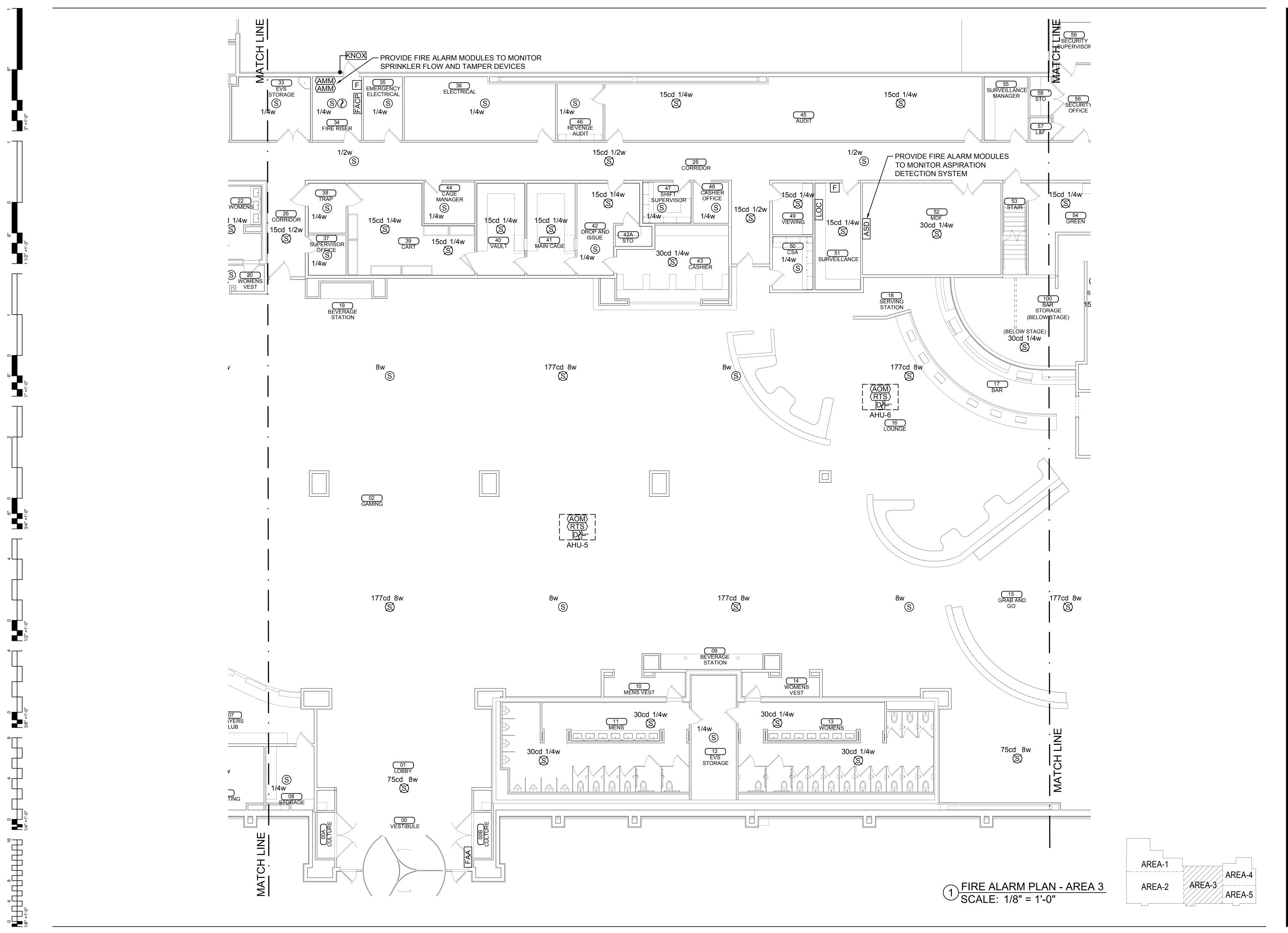
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

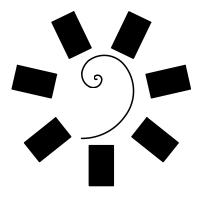
ADDENDUM #13



06/15/2018 17-06

FA-102





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www.childersarchitect.com CHILDERS

CONSULTANT LOGO:

CHEROKEE NATION

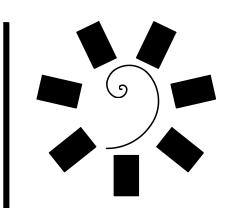
CHEROKEE NATION ENTERTAINMENT TAHLEQUAH CASINO

ADDENDUM #13

06/15/2018 17-06

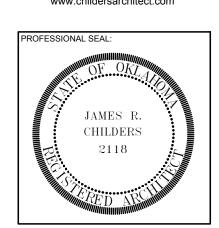
FA-103

1/8" =1'-0"



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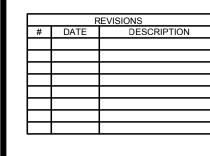
CONSULTANT LOGO:



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO

PROJECT PHASE

ADDENDUM #13



DATE: JOB NUMBER: 17-06
SHEET NUMBER:

FA-104

AREA-4

AREA-5

AREA-3

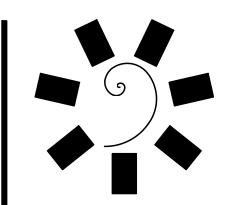
FIRST FLOOR FIRE ALARM PLAN AREA 4

1 FIRE ALARM PLAN - AREA 4 SCALE: 1/8" = 1'-0"

AREA-1

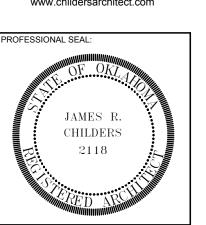
AREA-2

16 1/8" = 1'-0"



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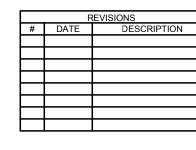


CHEROKEE NATION ENTERTAINMENT

TAHLEQUAH CASINO

PROJECT PHASE

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DATE: JOB NUMBER: 17-06

FA-105

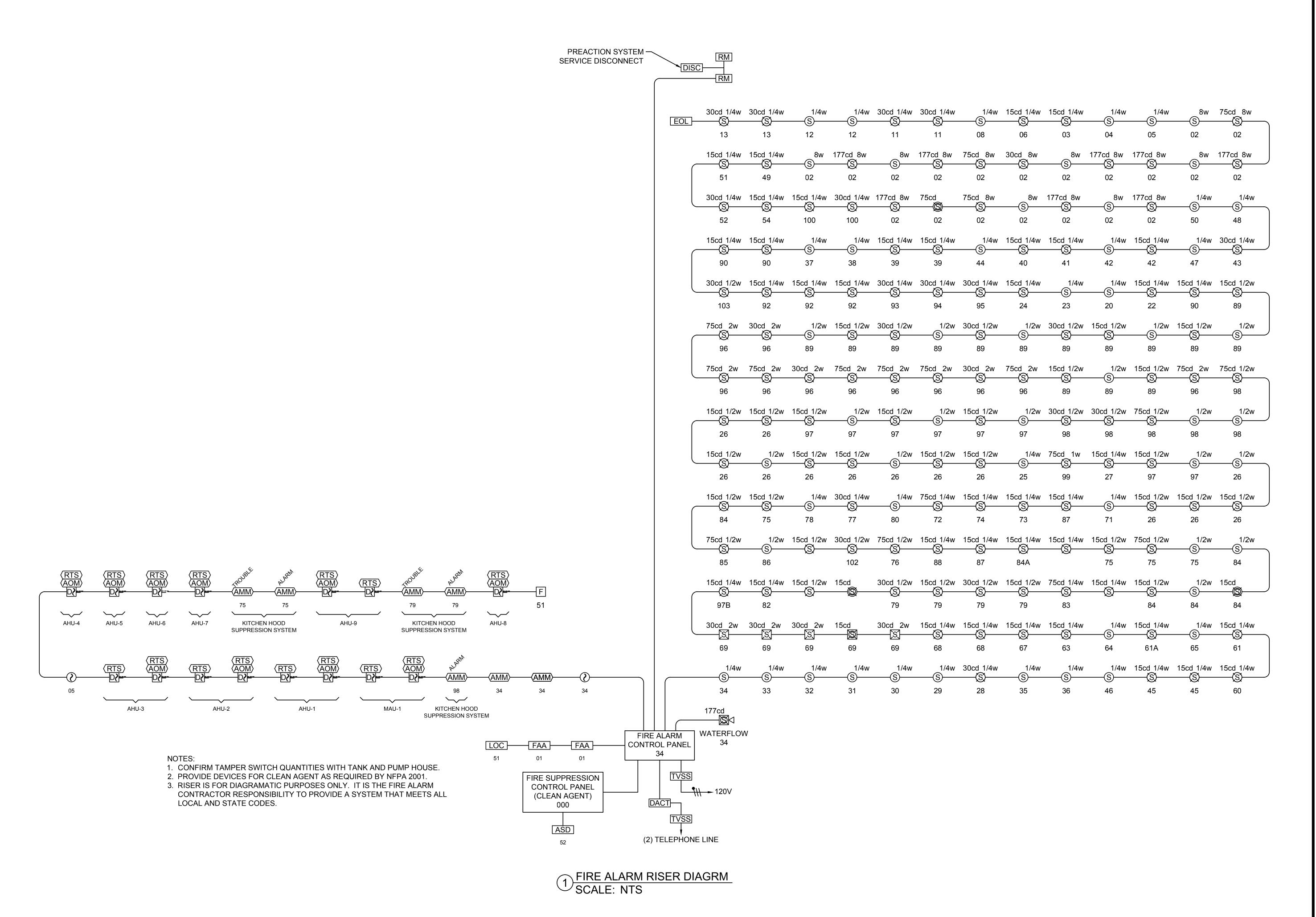
AREA-4

AREA-5

AREA-3

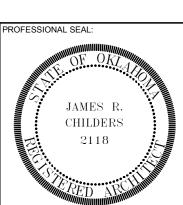
AREA-2

1 FIRE ALARM PLAN - AREA 5 SCALE: 1/8" = 1'-0"



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EROKEE NATION ENTERTAINM TAHLEQUAH CASINO

ADDENDUM #13

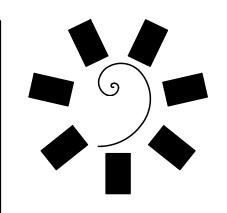
	F	REVISIONS
#	DATE	DESCRIPTION

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FA-106

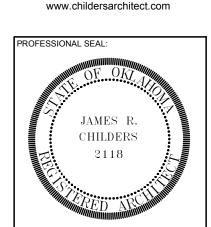
FIRE ALARM PLAN RISER DIAGRAM

1 FIRE ALARM AND EMERGENCY COMMUNICATIONS SYSTEM INPUT/OUTPUT MATRIX (FACP) SCALE: NTS



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CONSULTANT LOG



TAHLEQUAH CASINO

PROJECT PHA

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DATE: JOB NUMBER: 17-06

FA-107

F.A. & EMERGENCY COMMUNICATIONS INPUT/OUTPUT MATRIX