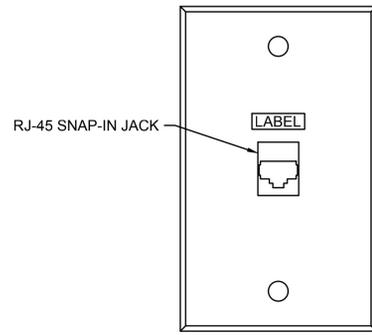
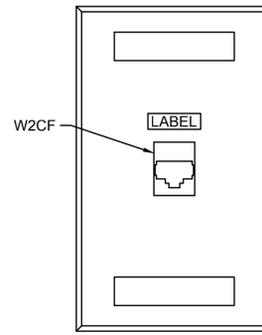


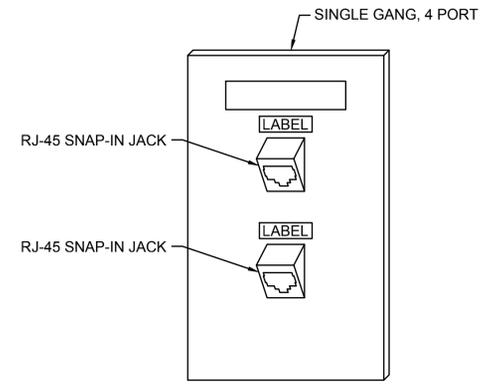
A POS LOCATION (ETHERSEAL FOR WET LOCATIONS)
 ITS001 SCALE: NTS (STAINLESS STEEL)



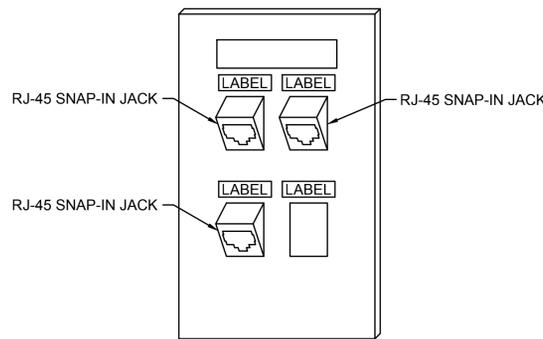
B WALL PHONE FACEPLATE
 ITS001 SCALE: NTS



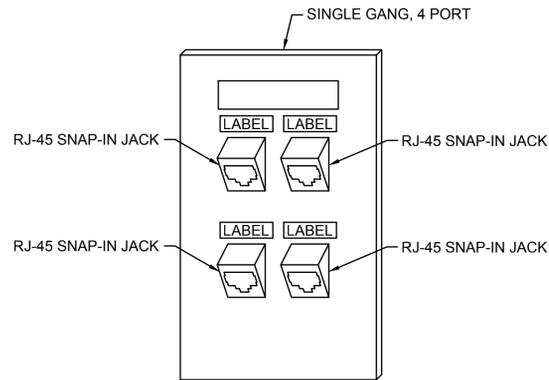
C 1 PORT FACEPLATE OUTLET
 ITS001 SCALE: NTS



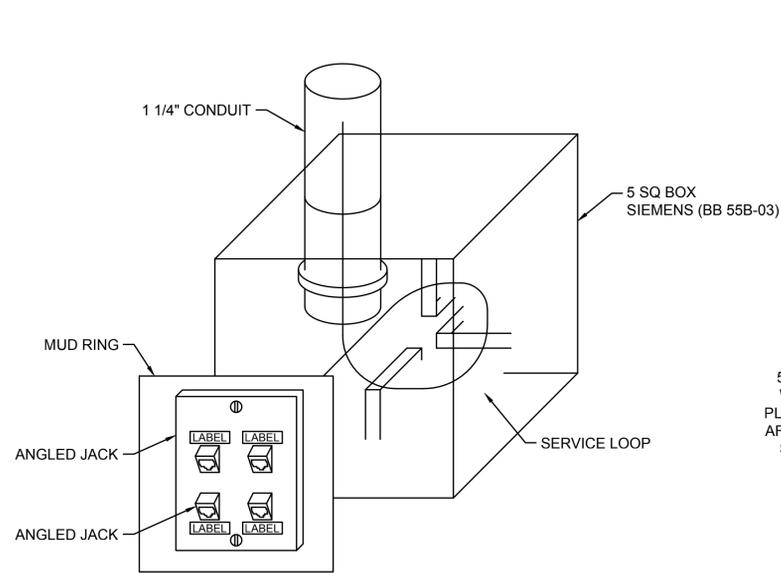
D 2 PORT ANGLED FACEPLATE OUTLET
 ITS001 SCALE: NTS



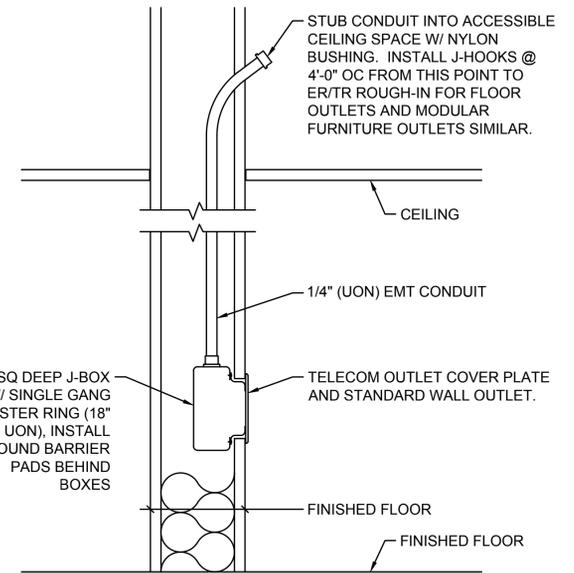
E 3 PORT ANGLED FACEPLATE OUTLET
 ITS001 SCALE: NTS



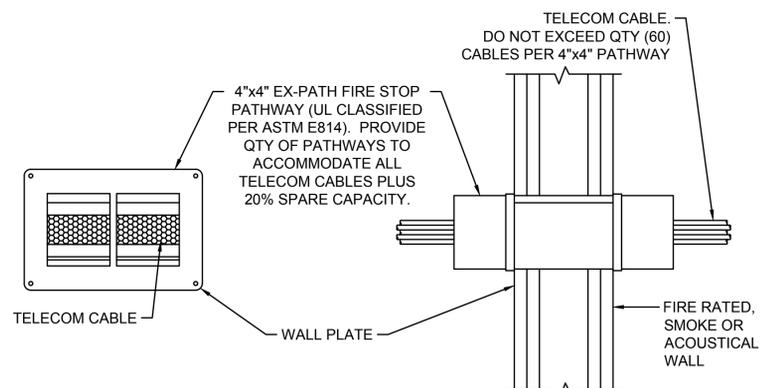
F 4 PORT ANGLED FACEPLATE OUTLET
 ITS001 SCALE: NTS



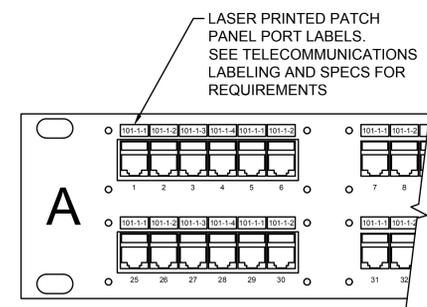
G 5 SQ BOX DETAIL
 ITS001 SCALE: NTS



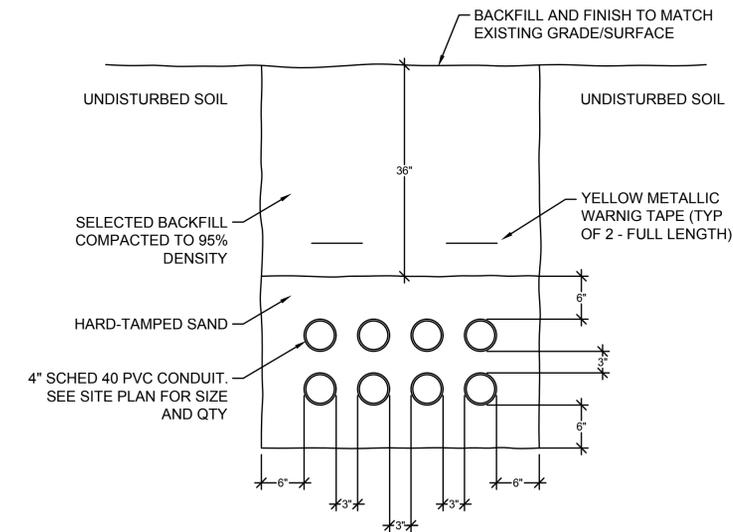
H I.T.S. OUTLET BOX ROUGH-IN
 ITS001 SCALE: NTS



J EZ-PATH FIRE STOP PATHWAY
 ITS001 SCALE: NTS



K 48 PORT PATCH PANEL
 ITS001 SCALE: NTS



L TELECOM DUCT BANK DETAILS
 ITS001 SCALE: NTS

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 www.childersarchitect.com



CONSULTANT LOGO:



CHEROKEE NATION ENTERTAINMENT
 TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

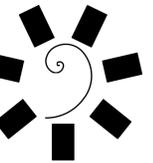
PROJECT PHASE:
 BID PACKAGE 5 (ADDENDUM #10)

REVISIONS		
#	DATE	DESCRIPTION

DATE: 05/22/2018
 JOB NUMBER: 17-06

SHEET NUMBER: ITS003

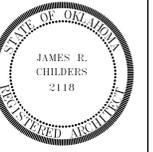
DATA PLAN DIAGRAMS



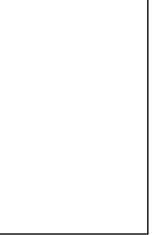
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PROFESSIONAL SEAL:



CONSULTANT LOGO:



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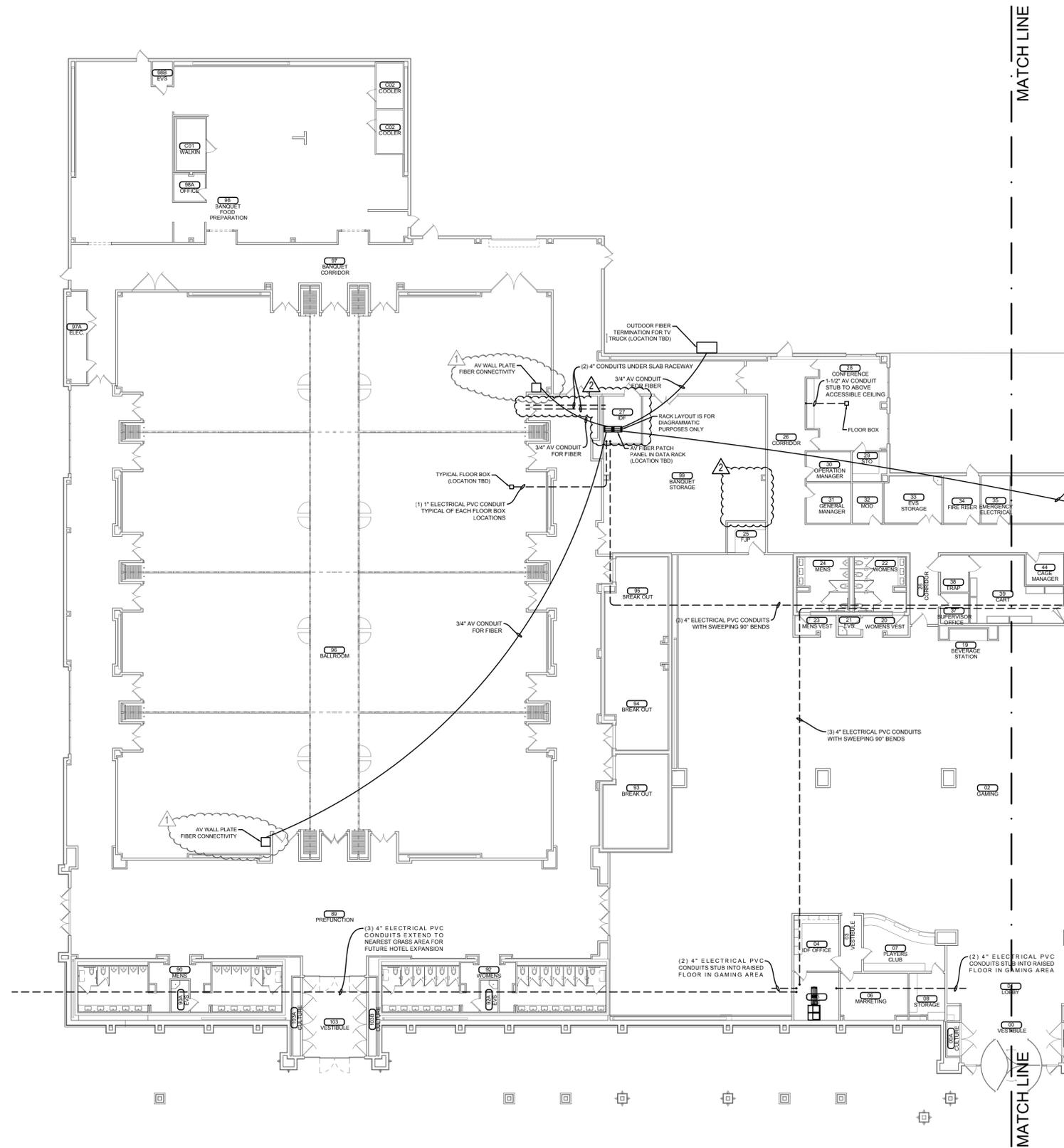
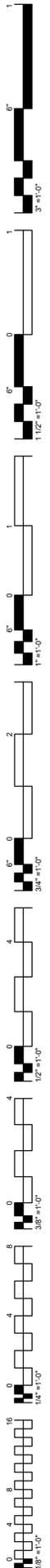
BID PACKAGE 02
(100% SET)

REVISIONS		
#	DATE	DESCRIPTION
1	4/20/18	UNDER SLAB CONDUIT
2	5/22/2018	ADDENDUM #10

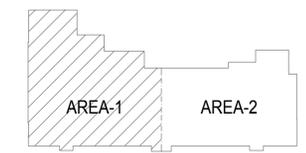
DATE: 03/27/18 JOB NUMBER: 17-06

SHEET NUMBER: ITS004A

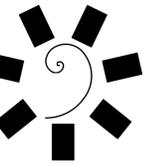
LOW VOLTAGE
CONDUIT PLAN
AREA 1



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

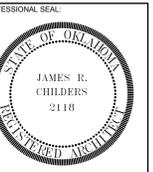


LOW VOLTAGE CONDUIT PLAN
1/16" = 1'-0"



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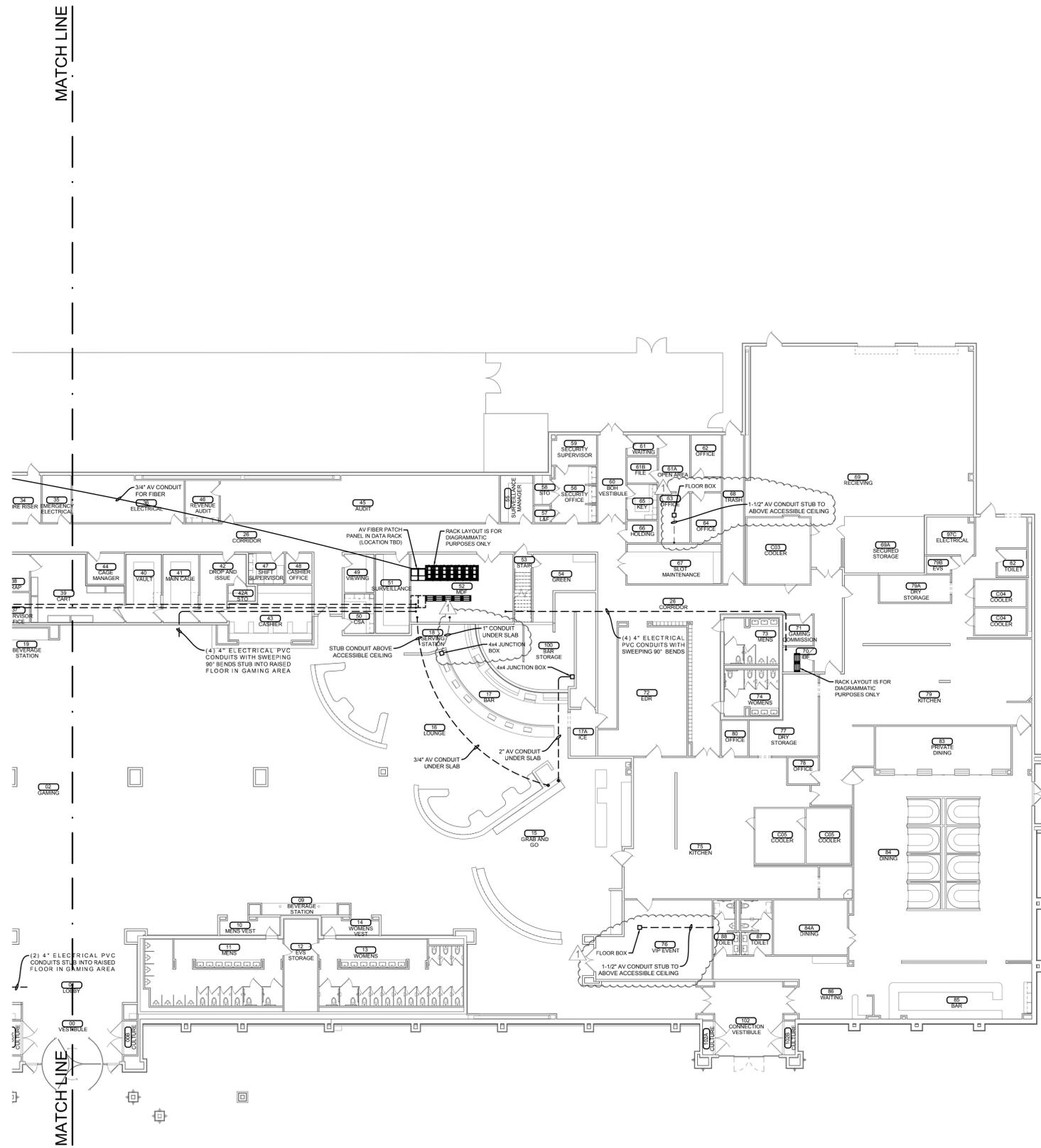
PROJECT PHASE:
BID PACKAGE 02
(100% SET)

#	DATE	DESCRIPTION
1	03/27/18	ISSUE FOR BIDDING CONDUIT
2	5/22/2018	ADDENDUM #10

DATE: 03/27/18 JOB NUMBER: 17-06

SHEET NUMBER:
ITS004B

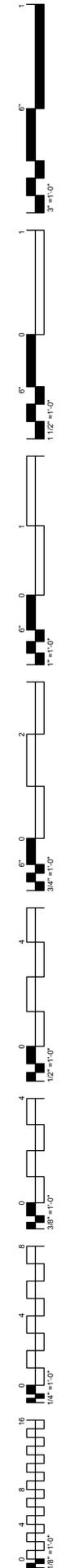
LOW VOLTAGE
CONDUIT PLAN
AREA 2



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

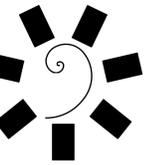


LOW VOLTAGE CONDUIT PLAN
1/16" = 1'-0"



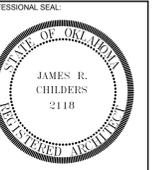
MATCH LINE

MATCH LINE



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TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5
(ADDENDUM #10)

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018
JOB NUMBER: 17-06

SHEET NUMBER:

ITS200A

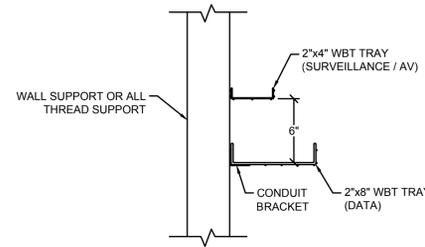
OVERVIEW PLAN
RAISED FLOOR
PATHWAYS

GENERAL NOTES

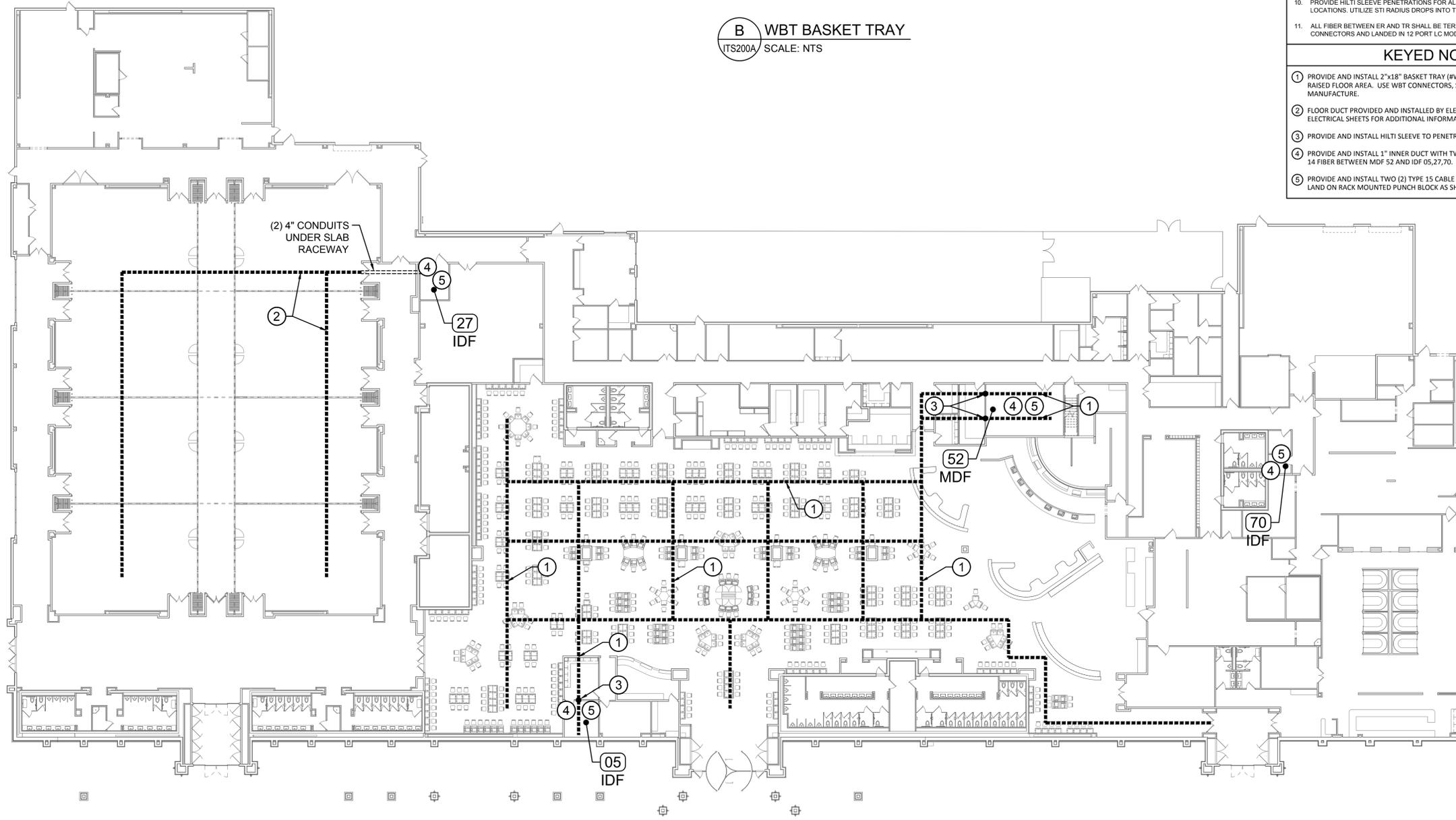
- ALL CABLES SHALL ROUTE BACK TO THE APPROPRIATE ER/TR/TC ROOM. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY CONDUIT, CONDUIT FITTINGS, JUNCTION BOXES, J-HOOKS, AND WIRE BASKET TO CREATE A COMPLETE PATHWAY.
- DATA, VOICE, AND WIRELESS ACCESS POINTS TO BE TERMINATED ON SEPARATE PATCH PANELS IN ER/TR/TC ROOMS.
- PROVIDE ALL CONDUIT SLEEVES AND CONDUIT STUB-UPS WITH NYLON BUSHINGS PRIOR TO PULLING CABLE.
- ALL CABLING PATHWAYS SHALL BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER AND BEST INDUSTRY STANDARDS AND PRACTICES TO PROPERLY SUPPORT THE CABLE DENSITY. ENSURE THE CABLE BEND RADIUS IS NOT EXCEEDED, AND TO PREVENT COMPROMISING THE INTEGRITY OF EVERY CABLE IN SUCH PATHWAY.
- 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.
- LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAM SHEETS FOR ADDITIONAL INFORMATION.
- PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNER'S REPRESENTATIVE AT THE CONCLUSION OF THE PROJECT.
- PROVIDE FIRE STOPPING AS REQUIRED BY CODE FOR ALL FLOOR AND WALL PENETRATIONS AND FOR ALL CONDUITS ENTERING THE TELECOM PROVIDE DRAWINGS AND PERMITS AS REQUIRED.
- 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.
- PROVIDE HILTI SLEEVE PENETRATIONS FOR ALL POINTS OF ENTRY INTO TR LOCATIONS. UTILIZE STI RADIUS DROPS INTO TR PATHWAYS.
- ALL FIBER BETWEEN ER AND TR SHALL BE TERMINATED WITH PANDUIT LC CONNECTORS AND LANDED IN 12 PORT LC MODULES.

KEYED NOTES

- PROVIDE AND INSTALL 2"x18" BASKET TRAY (#WBT2x18S) BETWEEN SUPPORTS IN THE RAISED FLOOR AREA. USE WBT CONNECTORS, SUPPORTS, ETC. AS RECOMMENDED BY MANUFACTURE.
- FLOOR DUCT PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR, REFER ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- PROVIDE AND INSTALL HILTI SLEEVE TO PENETRATE ER / TR WALL IN RAISED FLOOR.
- PROVIDE AND INSTALL 1" INNER DUCT WITH TWO (2) TYPE 13 FIBER AND ONE (1) TYPE 14 FIBER BETWEEN MDF 52 AND IDF 05,27,70. RUN IN BASKET TRAY.
- PROVIDE AND INSTALL TWO (2) TYPE 15 CABLE BETWEEN MDF 52 AND IDF 05,27,70. LAND ON RACK MOUNTED PUNCH BLOCK AS SHOWN ON ITS-300 AND ITS302.



B WBT BASKET TRAY
ITS200A SCALE: NTS

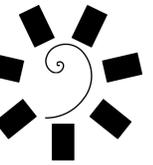


A OVERVIEW PLAN - RAISED FLOOR PATHWAYS
ITS200A SCALE: 1"=20'-0"

NOT FOR CONSTRUCTION

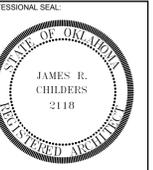
FOR ROUGH-IN ONLY



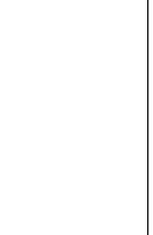


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TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5
(ADDENDUM #10)

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018
JOB NUMBER: 17-06

SHEET NUMBER:

ITS200B

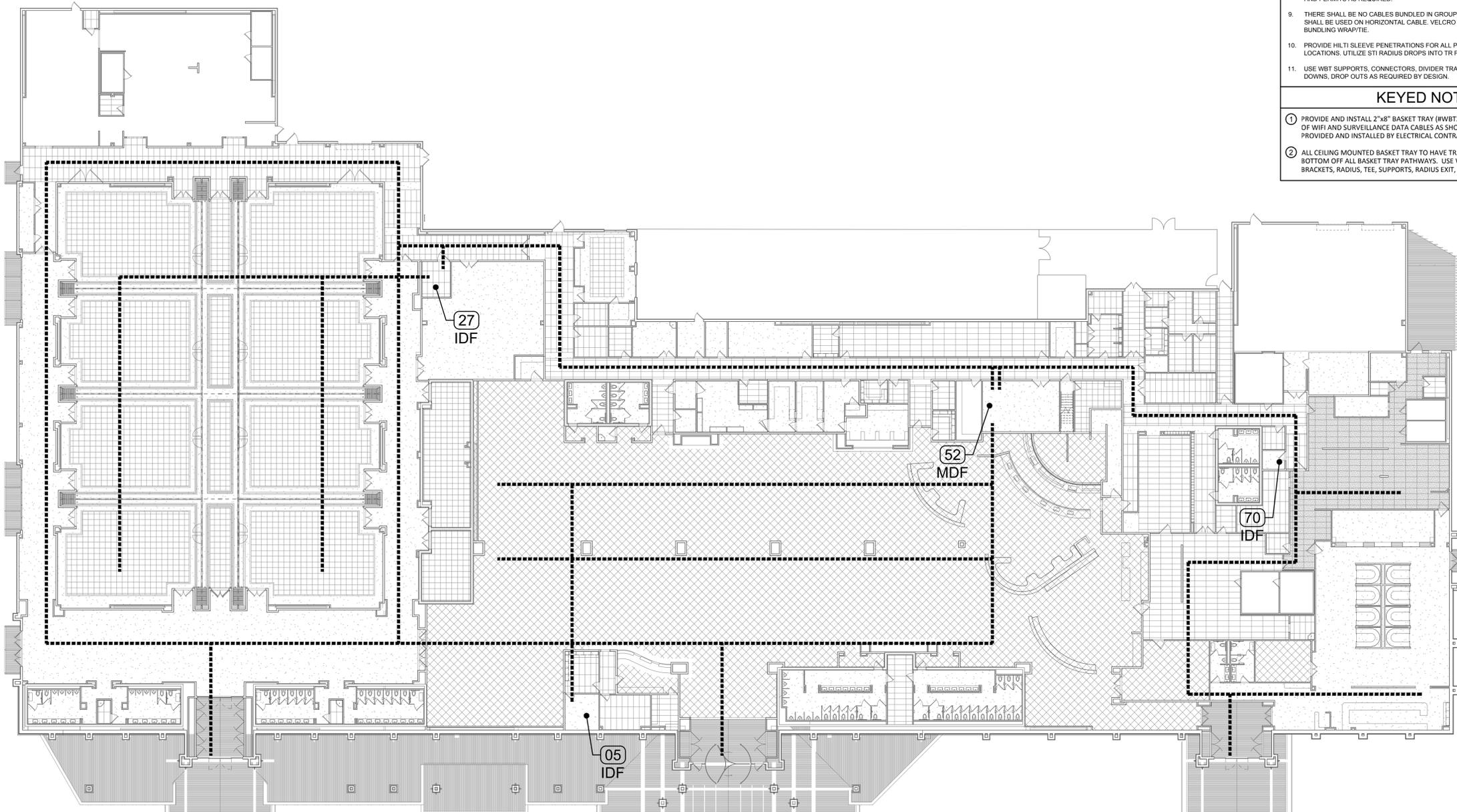
OVERVIEW PLAN
CEILING PATHWAYS

GENERAL NOTES

- 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.
- DATA, VOICE, AND WIRELESS ACCESS POINTS TO BE TERMINATED ON SEPARATE PATCH PANELS IN ER/TR/TC ROOMS.
- PROVIDE ALL CONDUIT SLEEVES AND CONDUIT STUB-UPS WITH NYLON BUSHINGS PRIOR TO PULLING CABLE.
- ALL CABLING PATHWAYS SHALL BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER AND BEST INDUSTRY STANDARDS AND PRACTICES TO PROPERLY SUPPORT THE CABLE DENSITY. ENSURE THE CABLE BEND RADIUS IS NOT EXCEEDED, AND TO PREVENT COMPROMISING THE INTEGRITY OF EVERY CABLE IN SUCH PATHWAY.
- 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.
- LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAM SHEETS FOR ADDITIONAL INFORMATION.
- PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNER'S REPRESENTATIVE AT THE CONCLUSION OF THE PROJECT.
- PROVIDE FIRE STOPPING AS REQUIRED BY CODE FOR ALL FLOOR AND WALL PENETRATIONS AND FOR ALL CONDUITS ENTERING THE TELECOM PROVIDE DRAWINGS AND PERMITS AS REQUIRED.
- 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.
- PROVIDE HILTI SLEEVE PENETRATIONS FOR ALL POINTS OF ENTRY INTO TR LOCATIONS. UTILIZE STI RADIUS DROPS INTO TR PATHWAYS.
- USE WBT SUPPORTS, CONNECTORS, DIVIDER TRAY INSERTS, TEES, RADIUS EXITS & DOWNS, DROP OUTS AS REQUIRED BY DESIGN.

KEYED NOTES

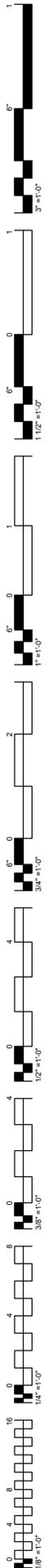
- PROVIDE AND INSTALL 2"x8" BASKET TRAY (#WB72x8S) ABOVE CEILING FOR ROUTING OF WIR AND SURVEILLANCE DATA CABLES AS SHOWN. ALL PATHWAYS TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL CEILING MOUNTED BASKET TRAY TO HAVE TRAY INSERT 4(BL) INSTALLED IN BOTTOM OFF ALL BASKET TRAY PATHWAYS. USE WBT CONNECTORS, MOUNTING BRACKETS, RADIUS, TEE, SUPPORTS, RADIUS EXIT, BLIND ENDS.

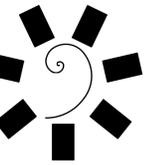


1 OVERVIEW PLAN - CEILING PATHWAYS
SCALE: 1"=20'-0"

NOT FOR CONSTRUCTION

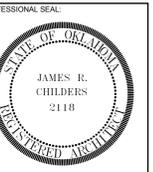
FOR ROUGH-IN ONLY



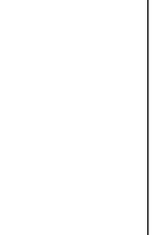


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CONSULTANT LOGO:



CLIENT:



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TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5
(ADDENDUM #10)

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018 JOB NUMBER: 17-06

SHEET NUMBER:

ITS200C

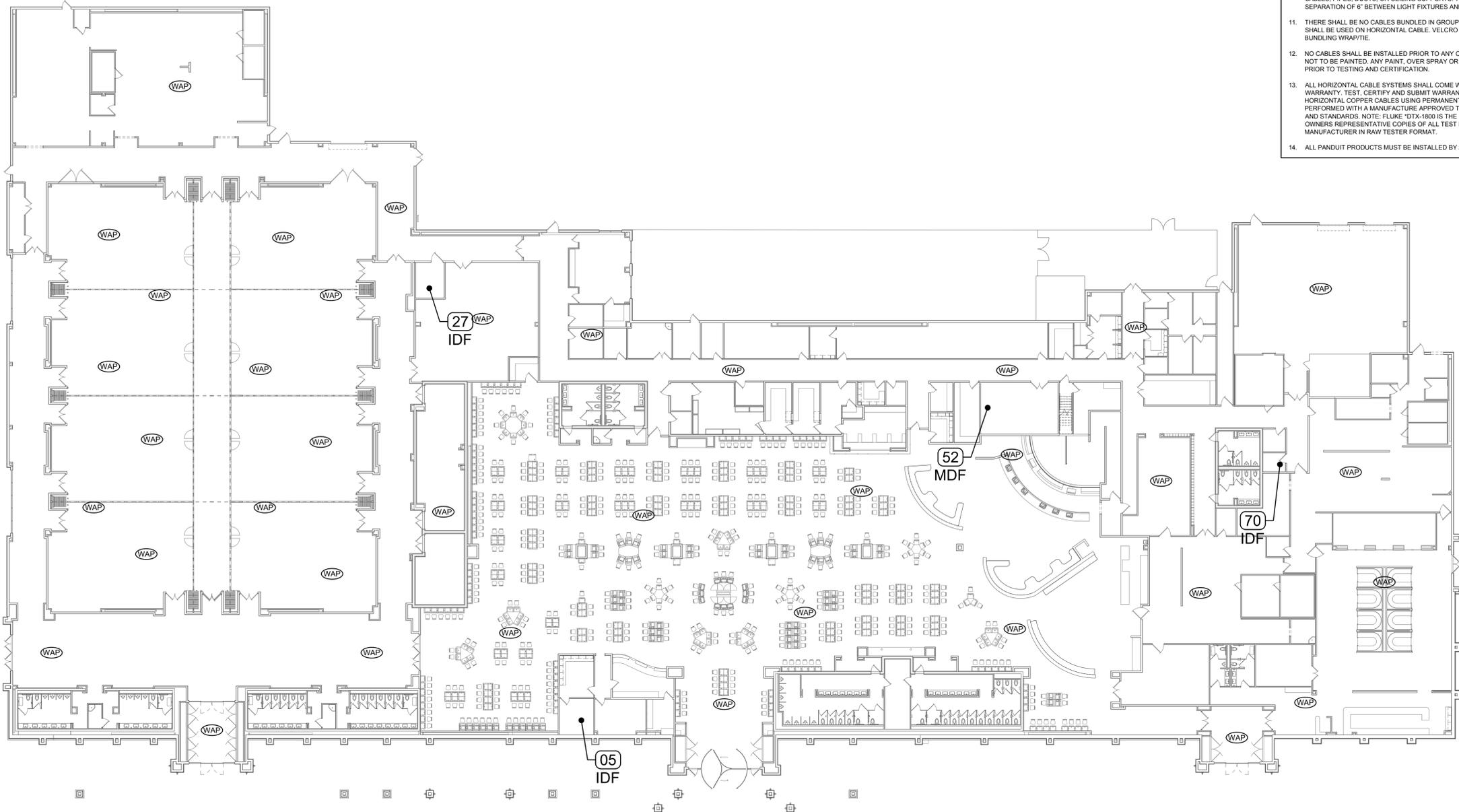
WAP OVERVIEW PLAN

KEYED NOTES

1 PROVIDE AND INSTALL TWO (2) TYPE 2 CABLES, BLACK IN COLOR, TO EACH WIRELESS ACCESS POINT OUTLET BOX IN CEILING. TERMINATE INTO A 2-PORT SURFACE MOUNT BOX WITH CAT6A MODULE JACKS.

GENERAL NOTES

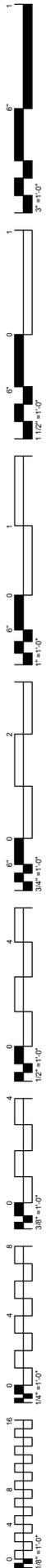
- ALL CABLES SHALL ROUTE BACK TO THE APPROPRIATE ER/TR/TC ROOM. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY CONDUIT, CONDUIT FITTINGS, JUNCTION BOXES, J-HOOKS, AND WIRE BASKET TO CREATE A COMPLETE PATHWAY.
- WIRELESS ACCESS POINTS TO BE TERMINATED ON SEPARATE PATCH PANELS IN ER/TR/TC ROOMS.
- THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT. LOOP SHALL BE THE PROPER SIZE FOR THE AMOUNT OF CABLES WITHIN. NO BUNDLE SHALL HAVE MORE THAN 24 CABLES.
- PROVIDE ALL SLEEVES AND CONDUIT STUB-UPS WITH NYLON BUSHING PRIOR TO PULLING CABLE.
- LABEL ALL WAP CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAM SHEETS FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL ROUTE WIRELESS, DATA AND CCTV CABLES IN THE SAME BASKET TRAY. SLEEVES OR CONDUIT BACK TO THE APPROPRIATE ER/TR/TC ROOM.
- COIL 10' OF SPATE CAT 6 DATA CABLING AT EVERY WAP LOCATION USING ARLINGTON LOOPS FOR FINAL WAP INSTALLATION.
- PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNER'S REPRESENTATIVE AT THE CONCLUSION OF THE PROJECT.
- PROVIDE FIRE STOPPING AS REQUIRED BY CODE FOR ALL FLOOR AND WALL PENETRATIONS AND FOR ALL CONDUITS ENTERING THE TELECOM PROVIDE DRAWINGS AND PERMITS AS REQUIRED.
- THE CONTRACTOR SHALL UTILIZE ARLINGTON LOOPS (SADDLES) OR EQUAL FOR CABLE SUPPORT IN BASKET 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.
- 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.
- 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 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 10TX-1800 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.



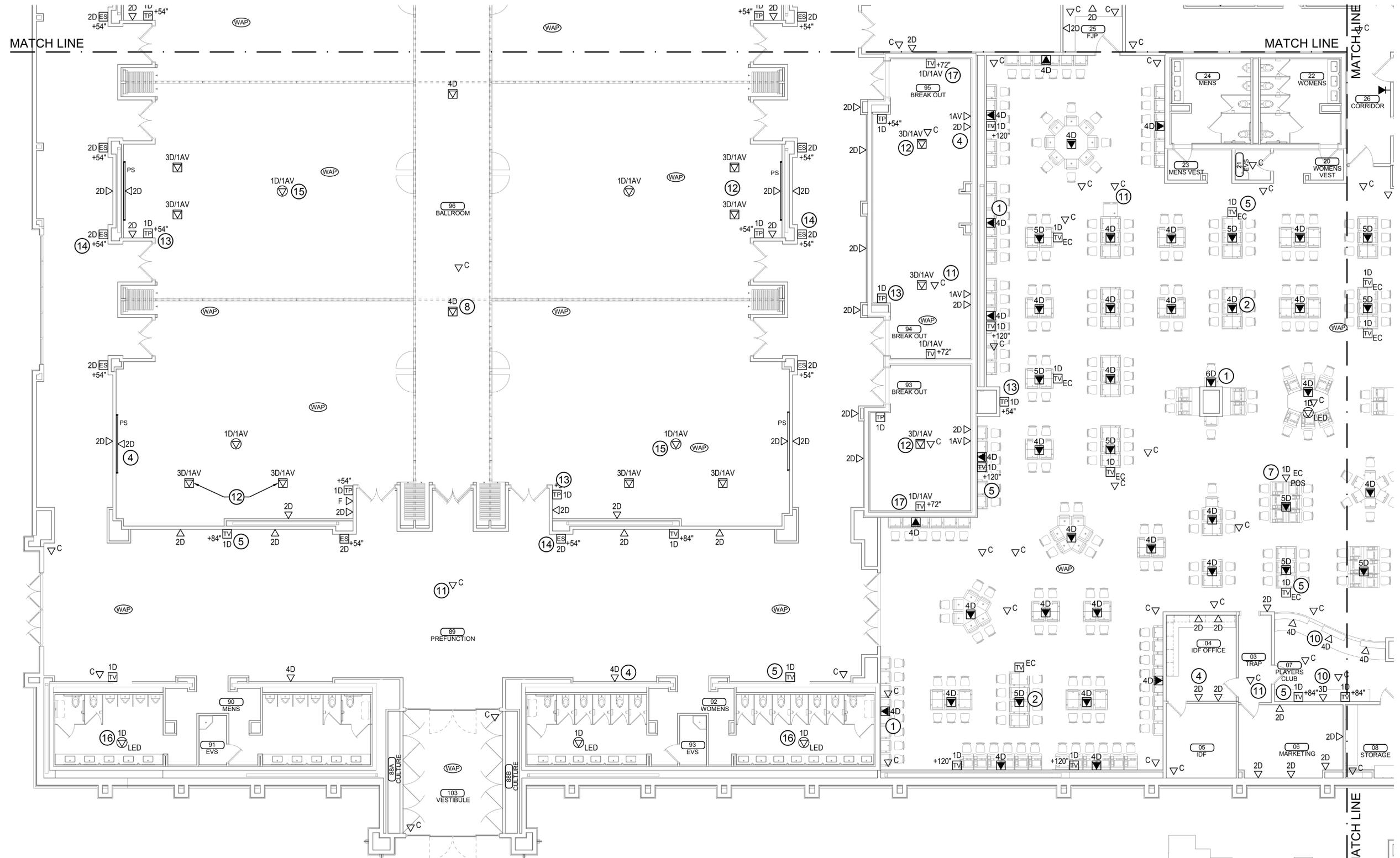
1 WAP OVERVIEW PLAN
SCALE: 1"=20'-0"

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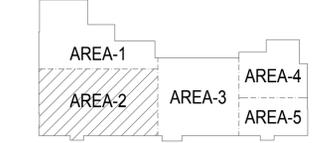


REFER TO SHEET ITS201 FOR KEYED NOTES.



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1 DATA PLAN - AREA 2
SCALE: 1/8" = 1'-0"



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TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5
(ADDENDUM #10)

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018
JOB NUMBER: 17-06

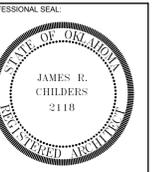
SHEET NUMBER:
ITS202

DATA PLAN - AREA 2



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TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5
(ADDENDUM #10)

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018
JOB NUMBER: 17-06

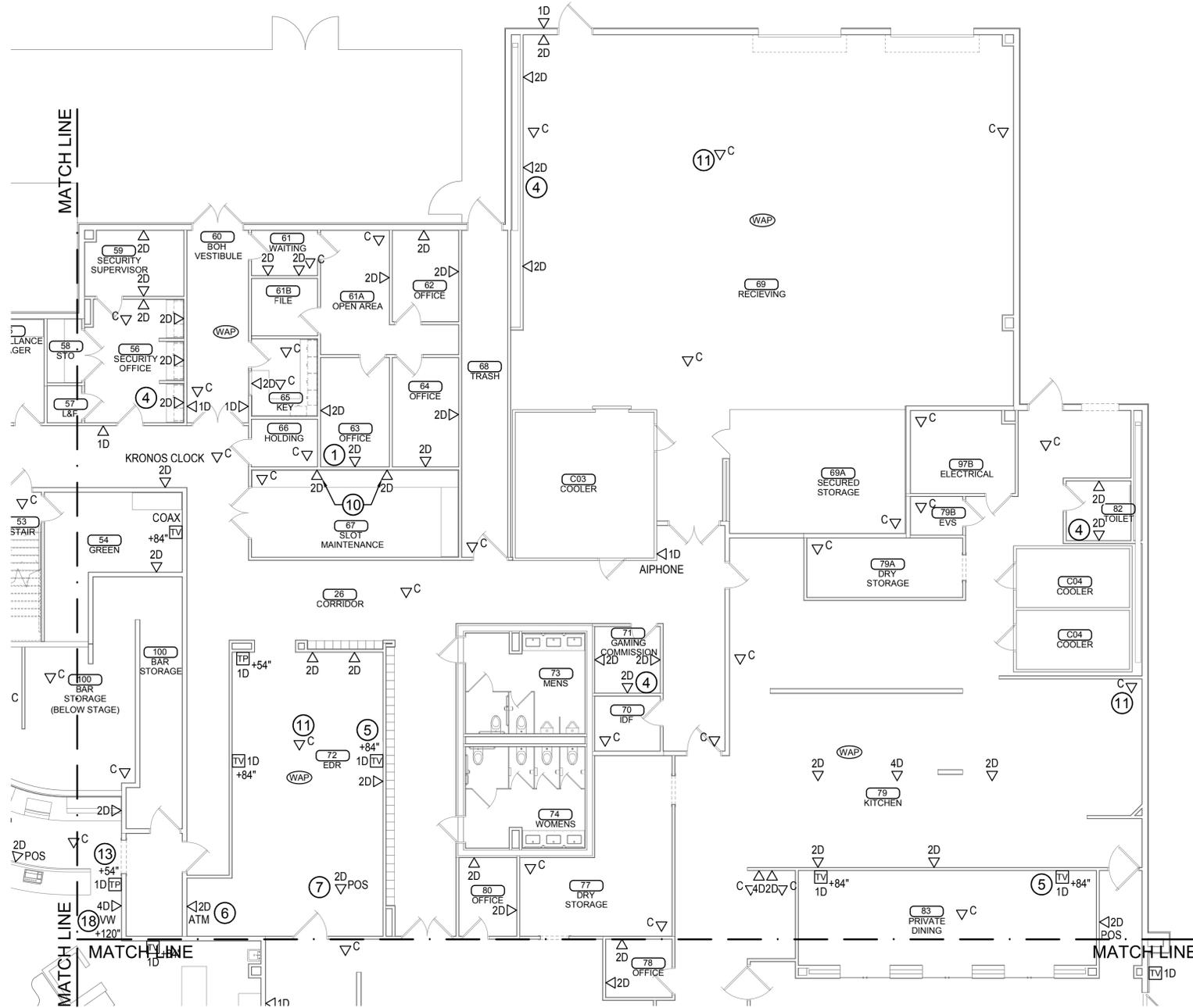
SHEET NUMBER:
ITS204

DATA PLAN - AREA 4

GENERAL NOTES

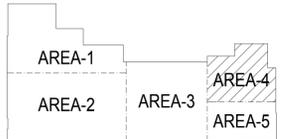
- REFER TO THE ITS DIAGRAM SHEETS FOR COVER PLATE LAYOUTS AND ADDITIONAL INFORMATION.
- SEE CABLE MATRIX ON ITS COVER SHEET FOR CABLE TYPES AND PART NUMBERS.
- LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAM SHEETS FOR ADDITIONAL INFORMATION. PROVIDE AN INSTALL DYMO #16955 SHRINK TUBE LABELS, 2" FROM MODULAR PLUG ON BOTH ENDS.
- 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.
- 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 BASKET 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 RECORD.
- 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 AND ADDITIONAL INFORMATION.
- 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.
- 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 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.
- ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER.
- 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 SPECIFICATIONS 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.
- FIBER CABLING SHALL BE INSTALLED IN ACCORDANCE WITH 2008 NEC ARTICLE 770.

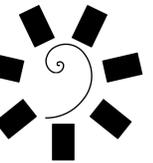
REFER TO SHEET ITS201 FOR KEYED NOTES.



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FOR ROUGH-IN ONLY

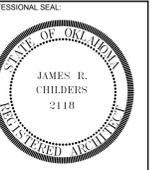
1 DATA PLAN - AREA 4
SCALE: 1/8" = 1'-0"



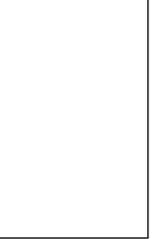


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CONSULTANT LOGO:



CLIENT:



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5
(ADDENDUM #10)

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018 JOB NUMBER: 17-06

SHEET NUMBER:

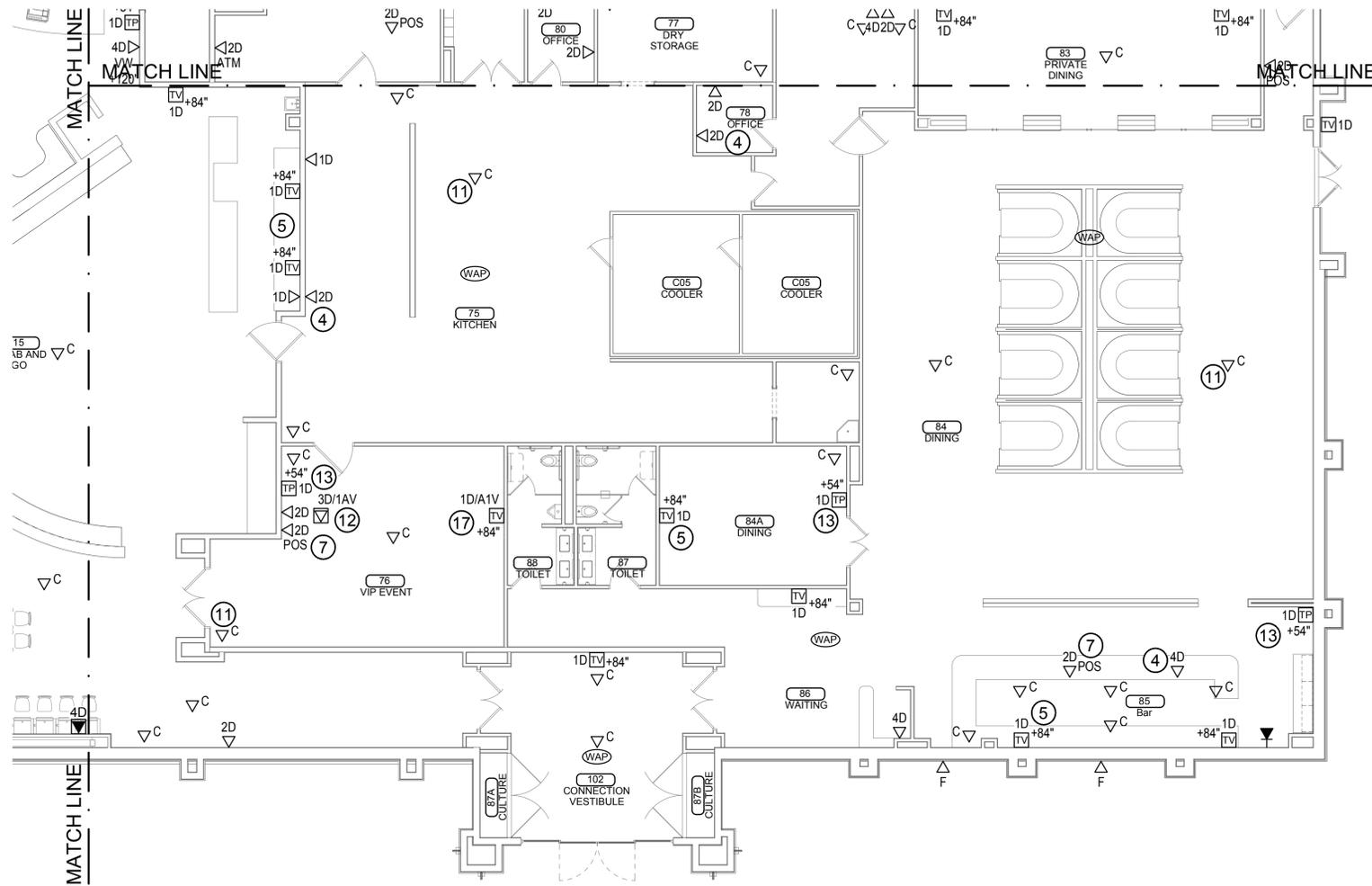
ITS205

DATA PLAN - AREA 5

GENERAL NOTES

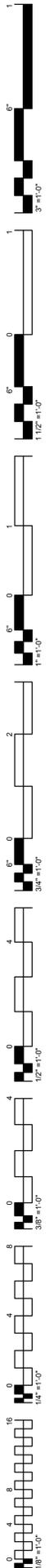
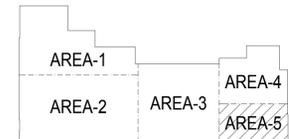
- REFER TO THE ITS DIAGRAM SHEETS FOR COVER PLATE LAYOUTS AND ADDITIONAL INFORMATION.
- SEE CABLE MATRIX ON ITS COVER SHEET FOR CABLE TYPES AND PART NUMBERS.
- LABEL ALL DATA CABLES AT BOTH ENDS INDICATING PATCH PORT NUMBER AND OUTLET NUMBER. SEE THE ITS DIAGRAM SHEETS FOR ADDITIONAL INFORMATION. PROVIDE AN INSTALL DYMO #18555 SHRINK TUBE LABELS, 2" FROM MODULAR PLUG ON BOTH ENDS.
- 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.
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REFER TO SHEET ITS201 FOR KEYED NOTES.



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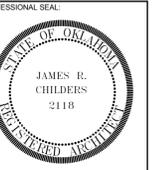
1 DATA PLAN - AREA 5
SCALE: 1/8" = 1'-0"



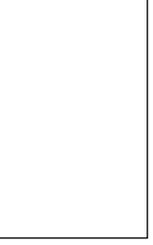


**James R. Childers
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CONSULTANT LOGO:



CHEROKEE NATION ENTERTAINMENT
 TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
**BID PACKAGE 5
 (ADDENDUM #10)**

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018 JOB NUMBER: 17-06

SHEET NUMBER:

ITS300

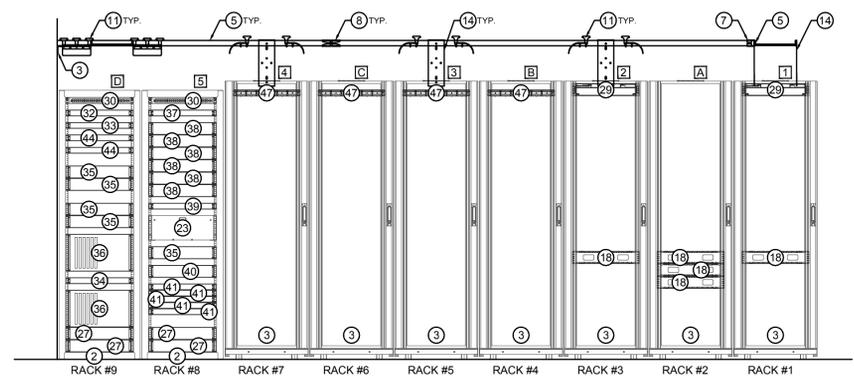
ENLARGE ER 52
 ELEVATIONS

GENERAL NOTES

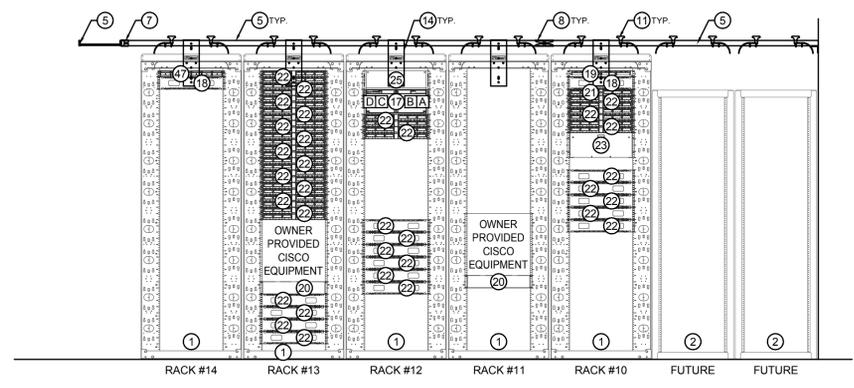
- PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNERSHIP AT CONCLUSION OF JOB.
- ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER.
- TEST AND SUBMIT REQUIRED WARRANTY INFORMATION FOR ALL PANDUIT FIBER OPTIC CABLES. PROVIDE OWNERSHIP I.T. COPIES OF ALL TEST RESULTS SUBMITTED 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 OWNERSHIP 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-#SBH19K, INSTALLED ON THE BACK OF A RACK OF CABINET IN THE TOP RAIL LOCATION. THE HORIZONTAL BUS BAR SHALL BE CONNECTED DIRECTLY TO THE ROOMS GROUNDING BUS BAR.
- 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.
- COORDINATE EXACT CABINET / RACK POSITIONING WITH OWNER'S REPRESENTATIVE TO ENSURE FLOOR TILE ALIGNMENT.

KEYED NOTES

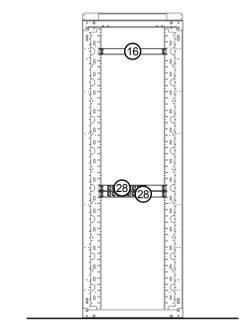
- INSTALL CONTRACTOR PROVIDED 2 POST RACK, #NFR84-WMPVHC45E.
- INSTALL CONTRACTOR PROVIDED 4 POST RACK, MID ATLANTIC *BGR-4138.
- INSTALL CONTRACTOR PROVIDED DATA CABINET, APC #AR3300.
- INSTALL CONTRACTOR PROVIDED VERTICAL WIRE MANAGER, CPI #30162-703.
- PROVIDE AND INSTALL 12" LADDER TRAY BLACK, CPI #110250-712.
- PROVIDE AND INSTALL 18" LADDER TRAY BLACK, CPI #110250-718.
- PROVIDE AND INSTALL JUNCTION SPLICE KIT BLACK, CPI #11302-701.
- PROVIDE AND INSTALL BUTT SPLICE KIT BLACK, CPI #11301-701.
- PROVIDE AND INSTALL 12" WALL ANGLE BLACK, CPI #11421-712.
- PROVIDE AND INSTALL 18" WALL ANGLE BLACK, CPI #11421-718.
- PROVIDE AND INSTALL 12" RUNWAY DROP BLACK, CPI #12100-712.
- PROVIDE AND INSTALL 18" RUNWAY DROP OUT BLACK, CPI #12100-718.
- PROVIDE AND INSTALL 8" SIDE DROP BLACK, CPI #12101-712.
- PROVIDE AND INSTALL TOP PLATE 12" RUNWAY BLACK, CPI #10595-712.
- PROVIDE AND INSTALL TOP PLATE 18" RUNWAY BLACK, CPI #10595-718.
- PROVIDE AND INSTALL TELCOM GROUNDING BAR KIT, B-LINE #SBTGBK.
- PROVIDE AND INSTALL 2 RMU FIBER HOUSING, PANDUIT #FRME4.
- PROVIDE AND INSTALL 2 RMU HORIZONTAL WIRE MANAGER, PANDUIT #WMPFIE.
- PROVIDE AND INSTALL RM 110 BLACK, LEVITON #A9013-P24.
- PROVIDE AND INSTALL RACK MOUNT SHELF, B-LINE #SB74751915SFB.
- PROVIDE AND INSTALL 24 PORT PATCH PANEL UNLOADED, PANDUIT #JICMP24BLY.
- PROVIDE AND INSTALL 48 PORT PATCH PANEL UNLOADED, PANDUIT #JICMP48BLY.
- PROVIDE AND INSTALL RACK DRAWER, MIDDLE ATLANTIC #D3.
- PROVIDE AND INSTALL HILTI SLEEVE.
- PROVIDE AND INSTALL SIEMON FIBER STORAGE BOX #FSC3.
- PROVIDE AND INSTALL 4" CONDUIT TO BUILDING ENTRANCE.
- PROVIDE AND INSTALL APC SMART 3000VA LCD RM2U.
- PROVIDE AND INSTALL RACK PDU, APC #AP7901.
- PROVIDE AND INSTALL 2RMU FIBER BOX, PANDUIT #FRME2.
- PROVIDE AND INSTALL 48 PORT SWITCH, CISCO #?
- PROVIDE AND INSTALL 24 PORT SWITCH, CISCO #?
- PROVIDE AND INSTALL CONTROLLER, AMX #EXB-RLY8.
- PROVIDE AND INSTALL CONTROLLER, AMX #NX-4200.
- PROVIDE AND INSTALL CONTROLLER, AMX #EXB-IRS4.
- PROVIDE AND INSTALL SVSI #N9206.
- PROVIDE AND INSTALL DIGITAL VIDEO MATRIX SWITCH, #DTV-HR24.
- PROVIDE AND INSTALL QUAD CHANNEL DIGITAL WIRELESS RECEIVER, SHURE #ULXD4Q.
- PROVIDE AND INSTALL AMPLIFIER, CROWN #DCI-4-1250N.
- PROVIDE AND INSTALL SIGNAL PROCESSOR, SOUNDWEB LONDON #BLU-806.
- OWNER PROVIDED LANNER CONTROL PLAY.
- OWNER PROVIDED LANNER PLAYER.
- PROVIDE AND INSTALL CONTROLLER FOR DAKTRONICS PYLON SIGN.
- PROVIDE AND INSTALL PRECISION RACK, DELL #7910.
- PROVIDE AND INSTALL GREEN COUNTRY LED VIDEO WALL CONTROLLER.
- PROVIDE AND INSTALL COMPLETE GE SLIMLINE POWER SYSTEM WITH RECTIFIER FOR PDE POWER DISTRIBUTION.
- PROVIDE AND INSTALL FIBER MODULE PANELS IN SURVEILLANCE FIBER BOX 'A' FOR EXTERIOR PDE FIBER CAMERAS.
- PROVIDE AND INSTALL 24 PORT FLAT PATCH PANEL, PANDUIT #CPPL24WBLY.
- PROVIDE AND INSTALL VERTICAL PDU, APC #AP7830. INSTALL REAR CABINET BACK RAILS.
- PROVIDE AND INSTALL VERTICAL PDU, APC #AP8841. INSTALL REAR CABINET BACK RAILS.



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



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



(C) ENLARGED ER 52 ELEVATIONS - REAR RACK VIEW (ALL RACKS)
 SCALE: 1/2"=1'-0"

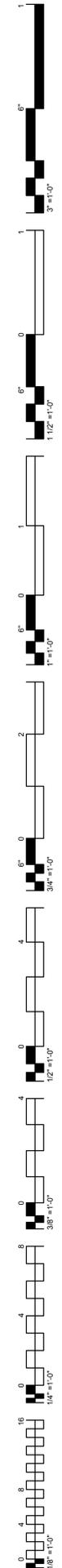
CABLE RUNS BETWEEN ROW 1 & ROW 2

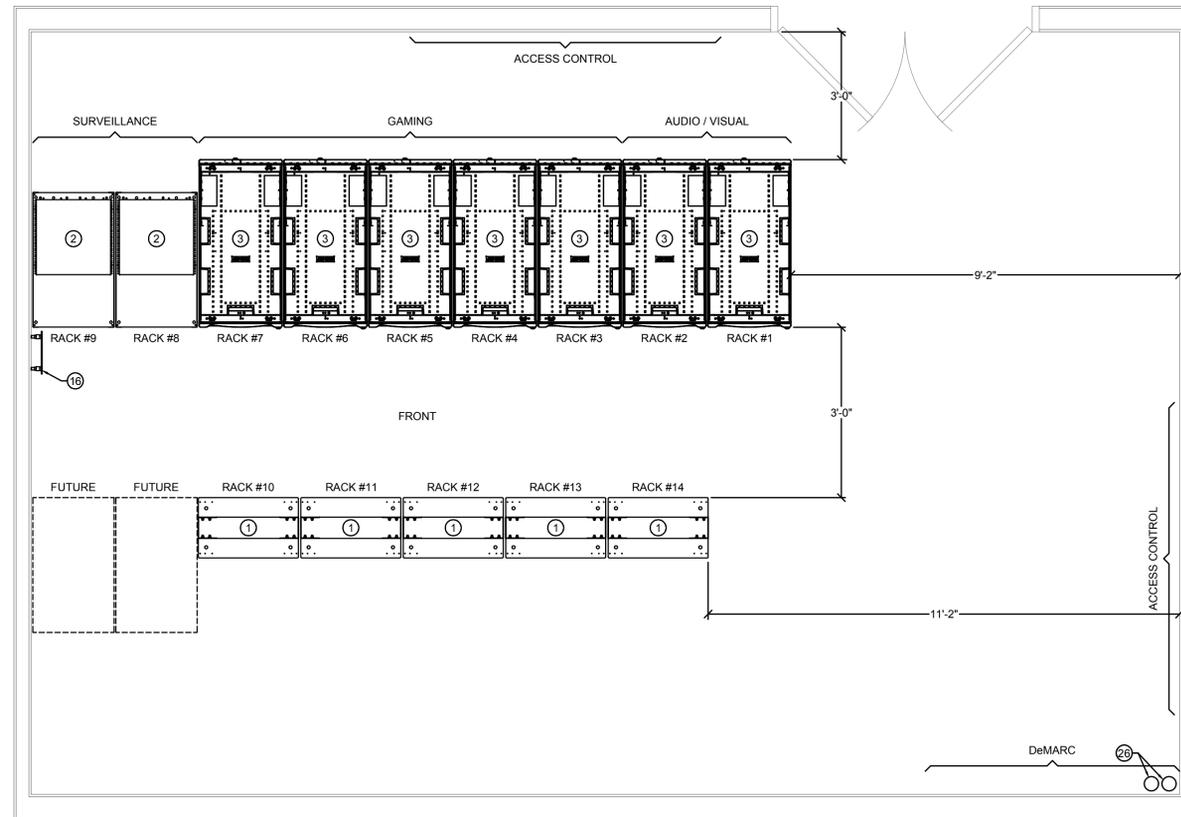
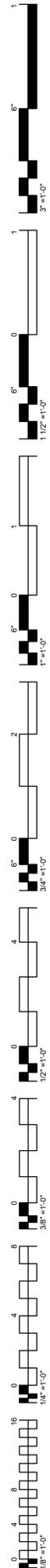
ROW 1	ROW 2	CABLE
A	A	12 STRAND MM / 12 STRAND SM
B	B	24 MM
C	C	24 MM
D	D	12 STRAND MM / 12 STRAND SM
1	1	24 CAT 6A
2	2	48 CAT 6A
3	3	48 CAT 6A
4	4	24 CAT 6A

(D) ROW 1 AND ROW 2 CONNECTOR KEY
 SCALE: NTS

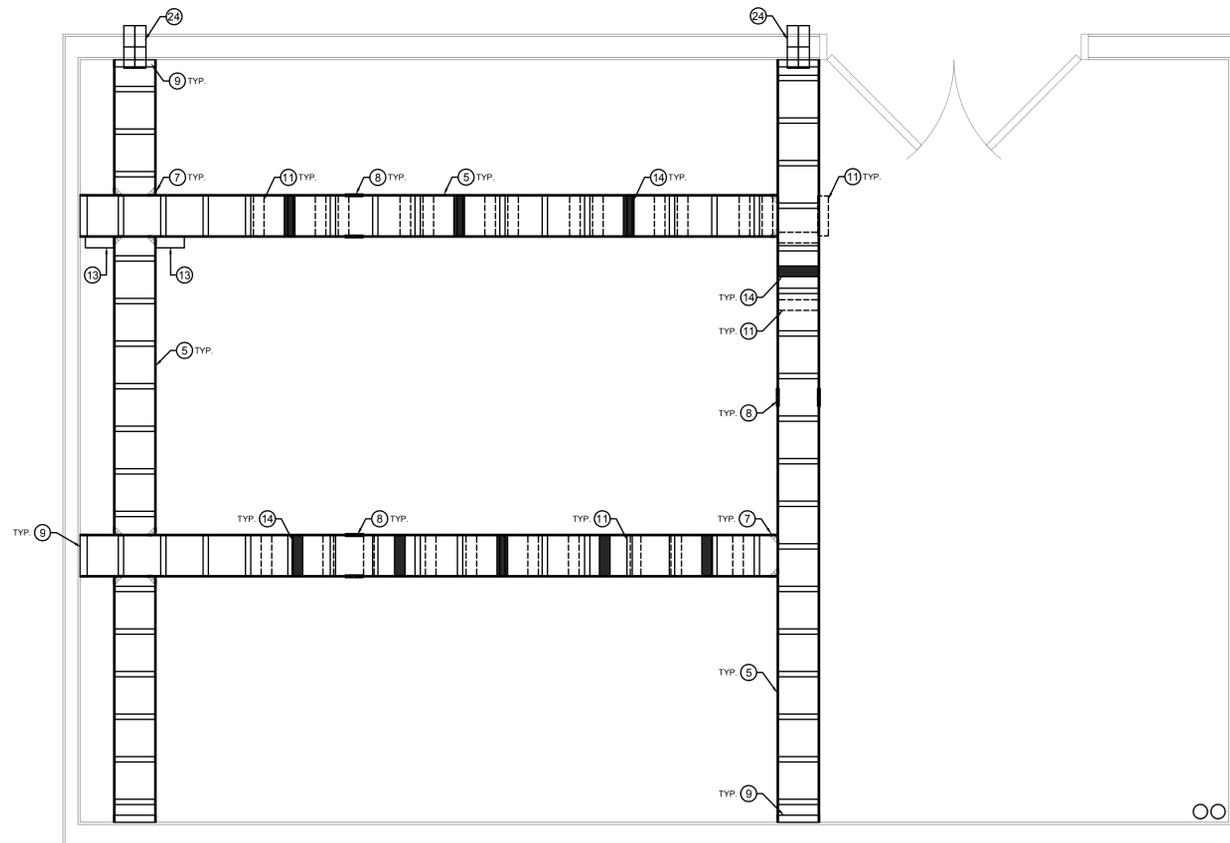
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(A) ENLARGED ER 52 DIAGRAMS - LAYOUT
SCALE: 1/2"=1'-0"



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

NOT FOR CONSTRUCTION

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CONSULTANT LOGO:



CLIENT:



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5
(ADDENDUM #10)

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018 JOB NUMBER: 17-06

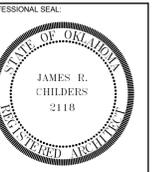
SHEET NUMBER: ITS301

ENLARGE ER 52
DIAGRAMS



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CONSULTANT LOGO:



CLIENT:



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:

**BID PACKAGE 5
(ADDENDUM #10)**

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018 JOB NUMBER: 17-06

SHEET NUMBER:

ITS302

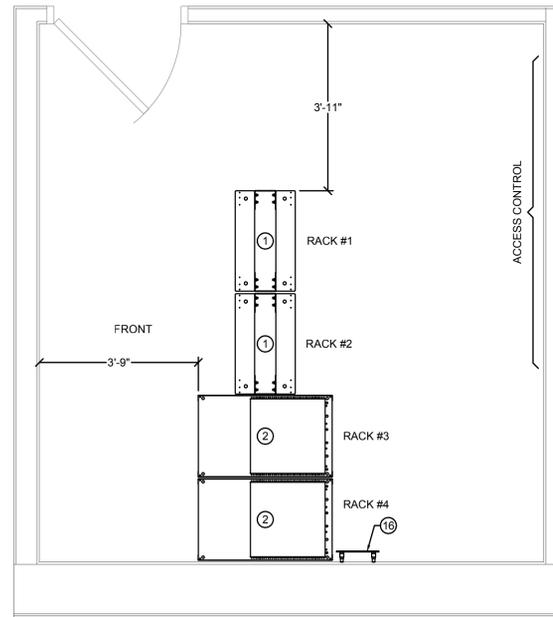
ENLARGE TR 05
DIAGRAMS

GENERAL NOTES

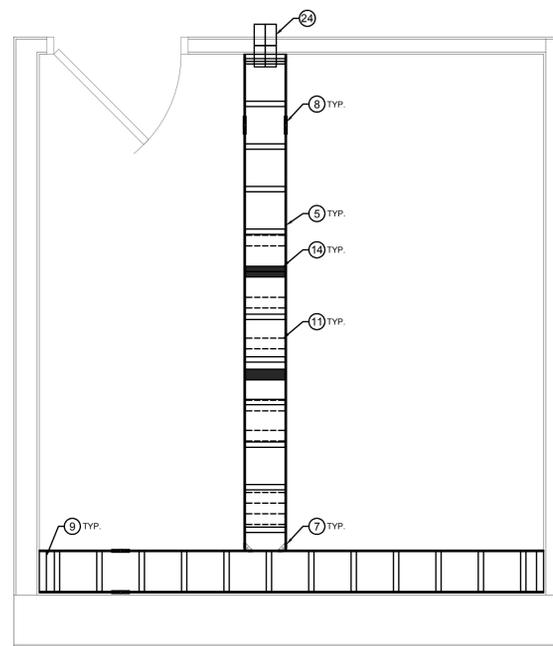
1. PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNERSHIP AT CONCLUSION OF JOB.
2. ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER.
3. TEST AND SUBMIT REQUIRED WARRANTY INFORMATION FOR ALL PANDUIT FIBER OPTIC CABLES. PROVIDE OWNERSHIP I.T. COPIES OF ALL TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.
4. 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.
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6. ALL CONDUITS ENTERING OR LEAVING THE TELECOM ROOM SHALL BE LABELED ON BOTH ENDS. SHALL HAVE NYLON BUSHING BRACKET AND PULL STRING.
7. ALL RACKS AND CABINETS SHALL HAVE A LABEL ATTACHED TO THE TOP OF EACH LOCATION. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
8. STRAIN RELIEF: UTILIZE VELCRO TYPE RE-ENTERABLE CABLE TIES FOR ALL MULTI-PAIR COPPER CABLES.
9. EVERY RACK AND CABINET INSTALLED SHALL HAVE A HORIZONTAL GROUNDING BUS BAR KIT, B-LINE #SBH19K, INSTALLED ON THE BACK OF A RACK OF CABINET IN THE TOP RAIL LOCATION. THE HORIZONTAL BUS BAR SHALL BE CONNECTED DIRECTLY TO THE ROOMS GROUNDING BUS BAR.
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11. PROVIDE HILTI SLEEVE PENETRATIONS FOR ALL POINTS OF ENTRY INTO TELECOM LOCATIONS.
13. COORDINATE EXACT CABINET / RACK POSITIONING WITH OWNER'S REPRESENTATIVE TO ENSURE FLOOR TILE ALIGNMENT.

KEYED NOTES

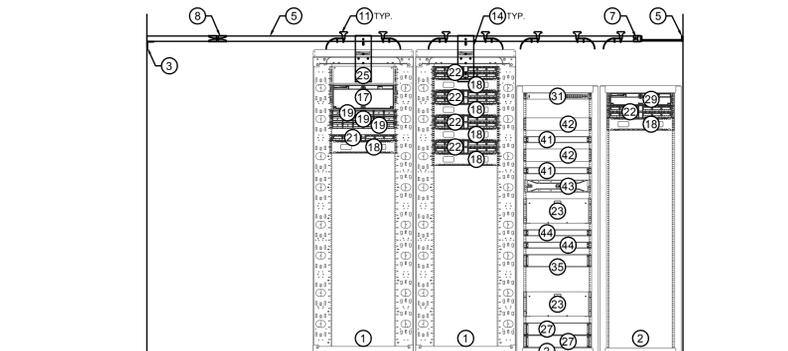
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3. INSTALL CONTRACTOR PROVIDED DATA CABINET, APC #AR3300.
4. INSTALL CONTRACTOR PROVIDED VERTICAL WIRE MANAGER, CPI #30162-703.
5. PROVIDE AND INSTALL 12" LADDER TRAY BLACK, CPI #10250-712.
6. PROVIDE AND INSTALL 18" LADDER TRAY BLACK, CPI #10250-718.
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 HORIZONTAL WIRE MANAGER, PANDUIT #WMPFIE.
19. PROVIDE AND INSTALL RM 110 BLACK, LEVITON #49013-P24.
20. PROVIDE AND INSTALL RACK MOUNT SHELF, B-LINE #SB747519155FB.
21. PROVIDE AND INSTALL 24 PORT PATCH PANEL UNLOADED, PANDUIT #JICMP24BLY.
22. PROVIDE AND INSTALL 48 PORT PATCH PANEL UNLOADED, PANDUIT #JICMP48BLY.
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.
27. PROVIDE AND INSTALL APC SMART 3000VA LCD RM2U.
28. PROVIDE AND INSTALL RACK PDU, APC #AP7901.
29. PROVIDE AND INSTALL 2RMU FIBER BOX, PANDUIT #FRME2.
30. PROVIDE AND INSTALL 48 PORT SWITCH, CISCO #?
31. PROVIDE AND INSTALL 24 PORT SWITCH, CISCO #?
32. PROVIDE AND INSTALL CONTROLLER, AMX #EXB-RLY8.
33. PROVIDE AND INSTALL CONTROLLER, AMX #NX-4200.
34. PROVIDE AND INSTALL CONTROLLER, AMX #EXB-IRS4.
35. PROVIDE AND INSTALL SVSI #N9206.
36. PROVIDE AND INSTALL DIGITAL VIDEO MATRIX SWITCH, #DTV-HR24.
37. PROVIDE AND INSTALL QUAD CHANNEL DIGITAL WIRELESS RECEIVER, SHURE #ULXD4Q.
38. PROVIDE AND INSTALL AMPLIFIER, CROWN #DCI-4-1250N.
39. PROVIDE AND INSTALL SIGNAL PROCESSOR, SOUNDWEB LONDON #BLU-806.
40. OWNER PROVIDED LANNER CONTROL PLAY.
41. OWNER PROVIDED LANNER PLAYER.
42. PROVIDE AND INSTALL CONTROLLER FOR DAKTRONICS PYLON SIGN.
43. PROVIDE AND INSTALL PRECISION RACK, DELL #7910.
44. PROVIDE AND INSTALL GREEN COUNTRY LED VIDEO WALL CONTROLLER.
45. PROVIDE AND INSTALL COMPLETE GE SLIMLINE POWER SYSTEM WITH RECTIFIER FOR POE POWER DISTRIBUTION.
46. PROVIDE AND INSTALL FIBER MODULE PANELS IN SURVEILLANCE FIBER BOX 'A' FOR EXTERIOR POE FIBER CAMERAS.
47. PROVIDE AND INSTALL 24 PORT FLAT PATCH PANEL, PANDUIT #CPPL24WBLY.
48. PROVIDE AND INSTALL VERTICAL PDU, APC #AP7830. INSTALL REAR CABINET BACK RAILS.
49. PROVIDE AND INSTALL VERTICAL PDU, APC #AP8841. INSTALL REAR CABINET BACK RAILS.



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



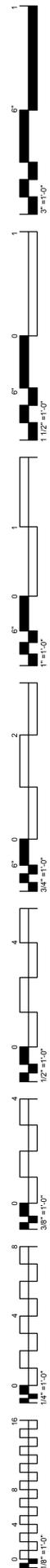
(B) ENLARGED TR 05 DIAGRAMS - LADDER TRAY
SCALE: 1/2"=1'-0"

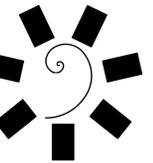


(C) ENLARGED TR 05 RACK ELEVATIONS
SCALE: 1/2"=1'-0"

NOT FOR CONSTRUCTION

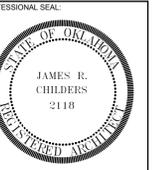
FOR ROUGH-IN ONLY





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479-783-2460
www.childersarchitect.com



CONSULTANT LOGO:



CHEROKEE NATION ENTERTAINMENT
 TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
**BID PACKAGE 5
 (ADDENDUM #10)**

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018 JOB NUMBER: 17-06

SHEET NUMBER:

ITS303

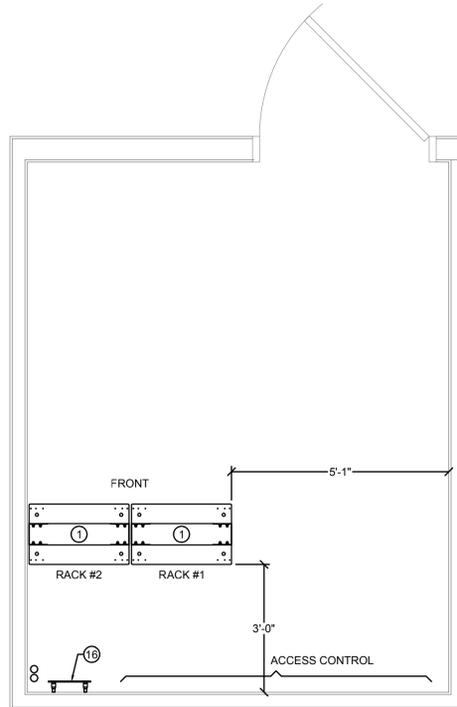
ENLARGE TR 27
 DIAGRAMS

GENERAL NOTES

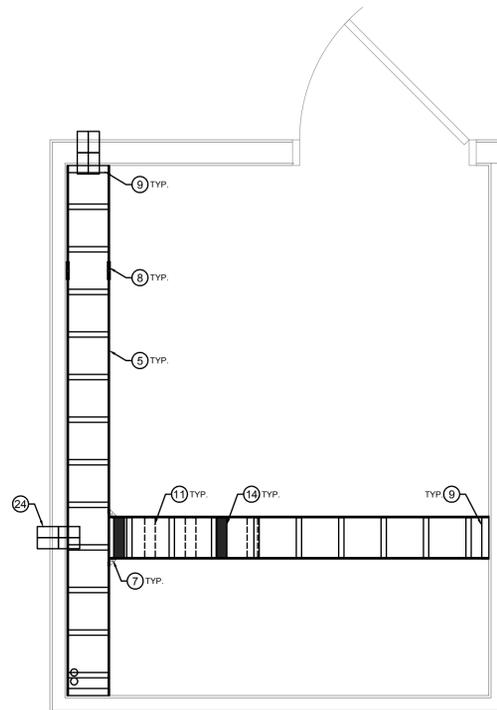
1. PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNERSHIP AT CONCLUSION OF JOB.
2. ALL PANDUIT PRODUCTS MUST BE INSTALLED BY A PANDUIT CERTIFIED INSTALLER.
3. TEST AND SUBMIT REQUIRED WARRANTY INFORMATION FOR ALL PANDUIT FIBER OPTIC CABLES. PROVIDE OWNERSHIP 1.T. COPIES OF ALL TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.
4. 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 OWNERSHIP 1.T. COPIES OF ALL TEST RESULTS SUBMITTED TO PANDUIT IN THE RAW TESTER FORMAT.
5. 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.
6. ALL CONDUITS ENTERING OR LEAVING THE TELECOM ROOM SHALL BE LABELED ON BOTH ENDS. SHALL HAVE NYLON BUSHING BRACKET AND PULL STRING.
7. ALL RACKS AND CABINETS SHALL HAVE A LABEL ATTACHED TO THE TOP OF EACH LOCATION. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
8. STRAIN RELIEF: UTILIZE VELCRO TYPE RE-ENTERABLE CABLE TIES FOR ALL MULTI-PAIR COPPER CABLES.
9. EVERY RACK AND CABINET INSTALLED SHALL HAVE A HORIZONTAL GROUNDING BUS BAR KIT, B-LINE-#SBH819K, INSTALLED ON THE BACK OF A RACK OF CABINET IN THE TOP RAIL LOCATION. THE HORIZONTAL BUS BAR SHALL BE CONNECTED DIRECTLY TO THE ROOMS GROUNDING BUS BAR.
10. ALL EMPTY OUTLETS ON EITHER THE 24 OR 48 PORT UNLOADED PATCH PANEL SHALL HAVE BLACK BLANKS INSTALLED INTO EACH OUTLET OPENING.
11. PROVIDE HILTI SLEEVE PENETRATIONS FOR ALL POINTS OF ENTRY INTO TELECOM LOCATIONS.
13. COORDINATE EXACT CABINET / RACK POSITIONING WITH OWNER'S REPRESENTATIVE TO ENSURE FLOOR TILE ALIGNMENT.

KEYED NOTES

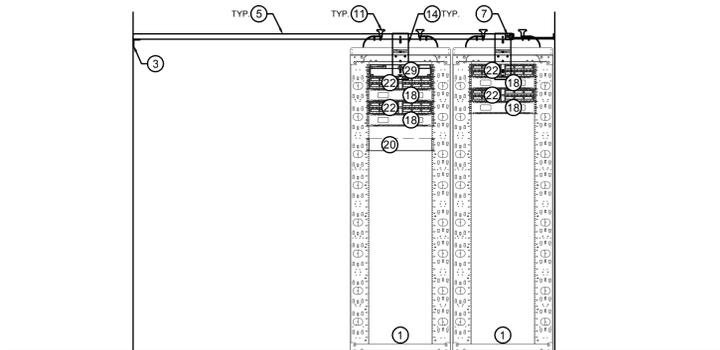
1. INSTALL CONTRACTOR PROVIDED 2 POST RACK, #NFR84-WMPVHC45E.
2. INSTALL CONTRACTOR PROVIDED 4 POST RACK, MID ATLANTIC *BGR-4138.
3. INSTALL CONTRACTOR PROVIDED DATA CABINET, APC #AR3300.
4. INSTALL CONTRACTOR PROVIDED VERTICAL WIRE MANAGER, CPI #30162-703.
5. PROVIDE AND INSTALL 12" LADDER TRAY BLACK, 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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10. PROVIDE AND INSTALL 18" WALL ANGLE BLACK, CPI #11421-718.
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13. PROVIDE AND INSTALL 8" SIDE DROP BLACK, CPI #12101-712.
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18. PROVIDE AND INSTALL 2 RMU HORIZONTAL WIRE MANAGER, PANDUIT #WMPFIE.
19. PROVIDE AND INSTALL RM 110 BLACK, LEVITON #49013-P24.
20. PROVIDE AND INSTALL RACK MOUNT SHELF, B-LINE #SB747519155FB.
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22. PROVIDE AND INSTALL 48 PORT PATCH PANEL UNLOADED, PANDUIT #JICMP48BLY.
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.
27. PROVIDE AND INSTALL APC SMART 3000VA LCD RM2U.
28. PROVIDE AND INSTALL RACK PDU, APC #AP7901.
29. PROVIDE AND INSTALL 2RMU FIBER BOX, PANDUIT #FRME2.
30. PROVIDE AND INSTALL 48 PORT SWITCH, CISCO #?
31. PROVIDE AND INSTALL 24 PORT SWITCH, CISCO #?
32. PROVIDE AND INSTALL CONTROLLER, AMX #EXB-RLY8.
33. PROVIDE AND INSTALL CONTROLLER, AMX #NX-4200.
34. PROVIDE AND INSTALL CONTROLLER, AMX #EXB-IRS4.
35. PROVIDE AND INSTALL SVSI #N9206.
36. PROVIDE AND INSTALL DIGITAL VIDEO MATRIX SWITCH, #DTV-HR24.
37. PROVIDE AND INSTALL QUAD CHANNEL DIGITAL WIRELESS RECEIVER, SHURE #ULXD4Q.
38. PROVIDE AND INSTALL AMPLIFIER, CROWN #DCI-4-1250N.
39. PROVIDE AND INSTALL SIGNAL PROCESSOR, SOUNDWEB LONDON #BLU-806.
40. OWNER PROVIDED LANNER CONTROL PLAY.
41. OWNER PROVIDED LANNER PLAYER.
42. PROVIDE AND INSTALL CONTROLLER FOR DAKTRONICS PYLON SIGN.
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45. PROVIDE AND INSTALL COMPLETE GE SLIMLINE POWER SYSTEM WITH RECTIFIER FOR POE POWER DISTRIBUTION.
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47. PROVIDE AND INSTALL 24 PORT FLAT PATCH PANEL, PANDUIT #CPPL24WBLY.
48. PROVIDE AND INSTALL VERTICAL PDU, APC #AP7830. INSTALL REAR CABINET BACK RAILS.
49. PROVIDE AND INSTALL VERTICAL PDU, APC #AP8841. INSTALL REAR CABINET BACK RAILS.



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



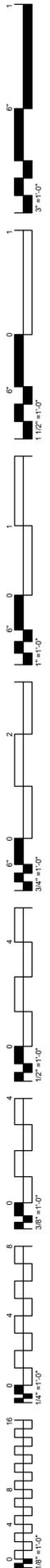
(B) ENLARGED TR 27 DIAGRAMS - LADDER TRAY
 SCALE: 1/2"=1'-0"



(C) ENLARGED TR 27 RACK ELEVATIONS
 SCALE: 1/2"=1'-0"

NOT FOR CONSTRUCTION

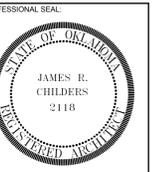
FOR ROUGH-IN ONLY





James R. Childers
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Fort Smith, AR 72901
479-783-2480
www.childersarchitect.com



CONSULTANT LOGO:



CLIENT:
CHEROKEE NATION Entertainment



CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 5
(ADDENDUM #10)

REVISIONS	
#	DESCRIPTION

DATE: 05/22/2018 JOB NUMBER: 17-06

SHEET NUMBER:

ITS304

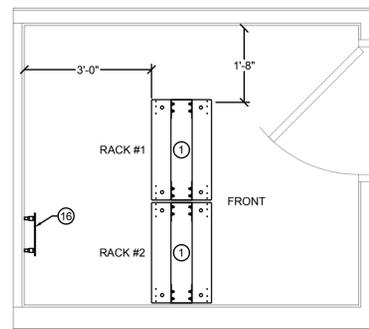
ENLARGE TR 70
DIAGRAMS

GENERAL NOTES

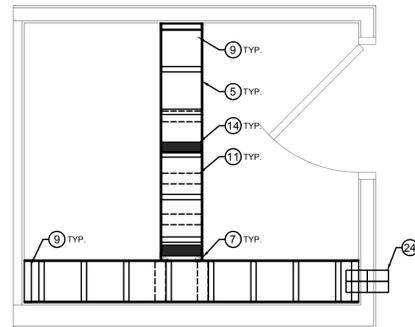
- PROVIDE ALL AS-BUILT DRAWINGS IN (DWG) FORMAT TO OWNERSHIP AT CONCLUSION OF JOB.
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- STRAIN RELIEF: UTILIZE VELCRO TYPE RE-ENTERABLE CABLE TIES FOR ALL MULTI PAIR COPPER CABLES.
- EVERY RACK AND CABINET INSTALLED SHALL HAVE A HORIZONTAL GROUNDING BUS BAR KIT, B-LINE-#88BH19K, INSTALLED ON THE BACK OF A RACK OF CABINET IN THE TOP RAIL LOCATION. THE HORIZONTAL BUS BAR SHALL BE CONNECTED DIRECTLY TO THE ROOMS GROUNDING BUS BAR.
- 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.
- COORDINATE EXACT CABINET / RACK POSITIONING WITH OWNER'S REPRESENTATIVE TO ENSURE FLOOR TILE ALIGNMENT.

KEYED NOTES

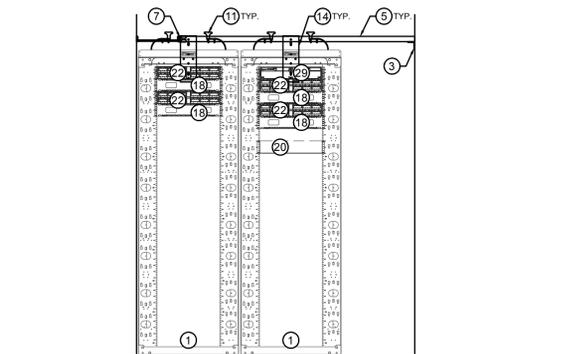
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- PROVIDE AND INSTALL BUTT SPLICE KIT BLACK, CPI #11301-701.
- PROVIDE AND INSTALL 12" WALL ANGLE BLACK, CPI #11421-712.
- PROVIDE AND INSTALL 18" WALL ANGLE BLACK, CPI #11421-718.
- PROVIDE AND INSTALL 12" RUNWAY DROP BLACK, CPI #12100-712.
- PROVIDE AND INSTALL 18" RUNWAY DROP OUT BLACK, CPI #12100-718.
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- PROVIDE AND INSTALL TOP PLATE 12" RUNWAY BLACK, CPI #10595-712.
- PROVIDE AND INSTALL TOP PLATE 18" RUNWAY BLACK, CPI #10595-718.
- PROVIDE AND INSTALL TELCOM GROUNDING BAR KIT, B-LINE #8BTG8K.
- PROVIDE AND INSTALL 4 RMU FIBER HOUSING, PANDUIT #FRME4.
- PROVIDE AND INSTALL 2 RMU HORIZONTAL WIRE MANAGER, PANDUIT #WMPFIE.
- PROVIDE AND INSTALL RM 110 BLACK, LEVITON #49013-P24.
- PROVIDE AND INSTALL RACK MOUNT SHELF, B-LINE #58747519155FB.
- PROVIDE AND INSTALL 24 PORT PATCH PANEL UNLOADED, PANDUIT #JICMP24BLY.
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- PROVIDE AND INSTALL RACK DRAWER, MIDDLE ATLANTIC #D3.
- PROVIDE AND INSTALL HILTI SLEEVE.
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- PROVIDE AND INSTALL CONTROLLER, AMX #NX-4200.
- PROVIDE AND INSTALL CONTROLLER, AMX #EXB-IRS4.
- PROVIDE AND INSTALL SVSI #N9206.
- PROVIDE AND INSTALL DIGITAL VIDEO MATRIX SWITCH, #DTV-HR24.
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- PROVIDE AND INSTALL AMPLIFIER, CROWN #DCI-4-1250N.
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- PROVIDE AND INSTALL VERTICAL PDU, APC #AP8841. INSTALL REAR CABINET BACK RAILS.



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



(B) ENLARGED TR 70 DIAGRAMS - LADDER TRAY
SCALE: 1/2"=1'-0"



(A) ENLARGED TR 70 RACK ELEVATIONS
SCALE: 1/2"=1'-0"

NOT FOR CONSTRUCTION

FOR ROUGH-IN ONLY

