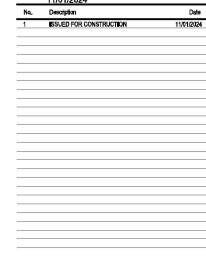




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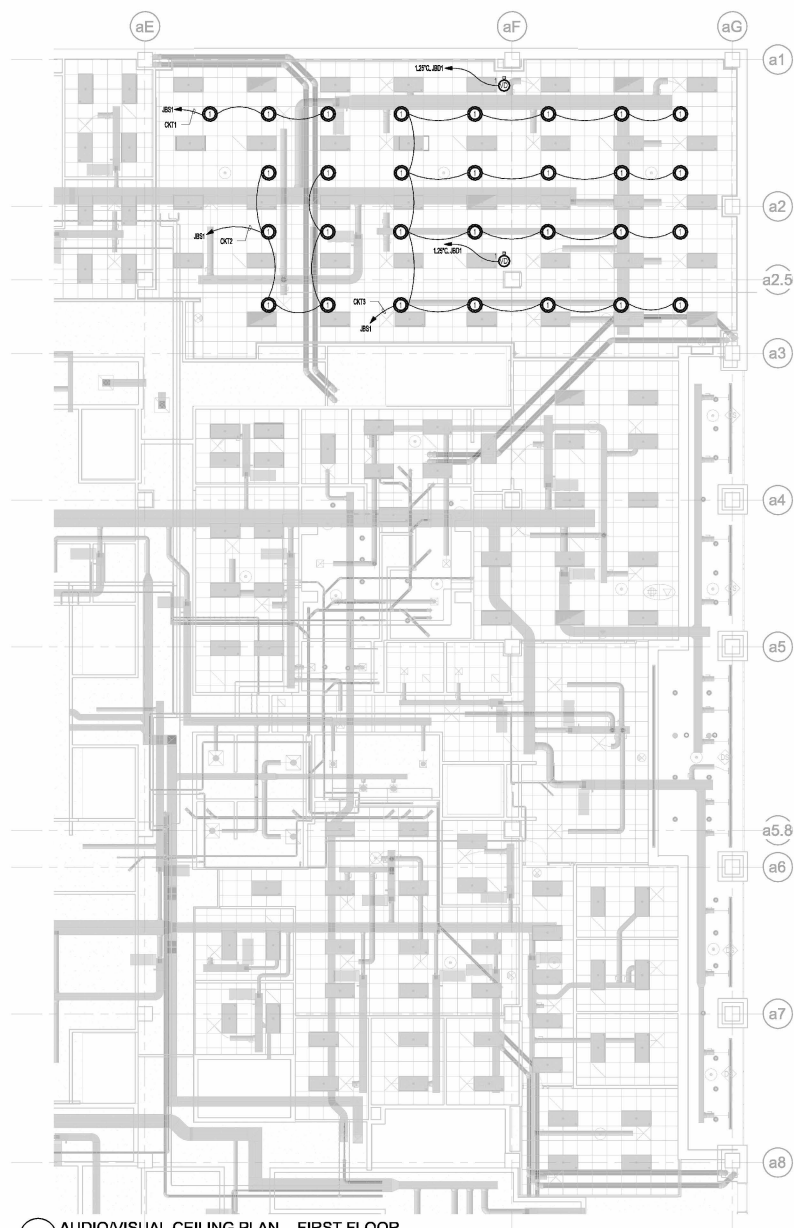
AUDIO/VISUAL
GENERAL NOTES

TA001

[illegible]

1. PROVIDE AS REQUIRED HOOKS AND SPOONED ENDINGS.
2. PROVIDE LOCATION OF EQUIPMENT, LAMINATIONS, GUTTERS, PANELS, WIRING, ETC.
3. PROVIDE METALLIC CONDUIT HOLETS FROM FLOOR OR FLOOR FINISH TO INVERT ELECTRIC MAIN, CABLE, TRAY, TELEPHONE, OR OTHER CONDUIT OR CABLE RUNS TO THE EQUIPMENT.
4. PROVIDE CONDUIT AND/OR CABLE CLIPS OR CLEANS FOR CABLE AND PANEL.
5. INSTALL CONDUIT OR WIRING IN SQUARE SIZE OF AT LEAST THE INTERNAL DIAMETER FOR CONDUIT 2" AND SMALLER & HOLETS THRU THE INTERNAL CONDUIT OR CABLES 1/2" DIA.
6. PROVIDE METALLIC CONDUIT FOR DRAWING BOARD WIRING.
7. ROUTE CONDUIT FOR UTILIZING STANDARD AND SPECIAL WIRING POSSIBLE TO GROUP CONDUITS BY TYPE AND PROVIDE A LABELING CONDUIT HOLE. HOLD HOLETS TO CENTER, AND POINT AND DIRECTED BY THE RULE.
8. PROVIDE A PANEL AS REQUIRED FOR CONDUIT TO BE RUN TO ANY TERMINAL WITH NO PANELS THAN THE NEXT LARGEST. THE NUMBER OF BENDS INDICATED BY A NUMBERING GREATER THAN 10 DECREASES.
9. USE PANEL FOR RAYS THAT LENGTH NO LESS THAN 1/2 TIMES THE DIAMETER OF THE LARGEST CONDUIT AND THE METHOD IN USE IN THE LAYOUT.
10. PROVIDE CONDUIT FOR RUNS AND HOLETS ABOUT FIFTY FEET LONGER THAN REQUIRED FOR LAYING ON CONDUIT DESCRIBING BETWEEN TERMINALS.
11. INDICATE CONDUIT SIZE, WIRE CONNECTIONS, AND POINTS TO PROTECT CABLE.

[illegible]



Project
**Ellis Cty - Courthouse
Renovation**

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ELLIS COUNTY



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Project No: 21.0970-L01
Sheet Title:

AUDIO/VISUAL PLAN -
FIRST FLOOR

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Sheet Number

TA101

TA003

Elisa County Courthouse Renovation
Elisa County, Texas
Construction Document
October 25, 2011
HOK Project No. 21-031704

[illegible][illegible]

COURTROOM AUDIO VISUAL SYSTEM	274196 02
-------------------------------	-----------

Elgin County Courthouse Restoration
Elgin County, Texas

Construction Document
October 27, 2014
Job No. 14-000000

1) replace window sill - The Glenview Maintenance Manual should be complete and on site at the time of this revision.

2) Re-paint at 74" x139x 100% used of this window.

END OF SECTION 274116.3

COURTROOM AUDIO VISUAL SYSTEM 274198 65
Chilodenne, Carlo & Chiodonardi, Inc.



Project
Ellis City - Courthouse
Renovation

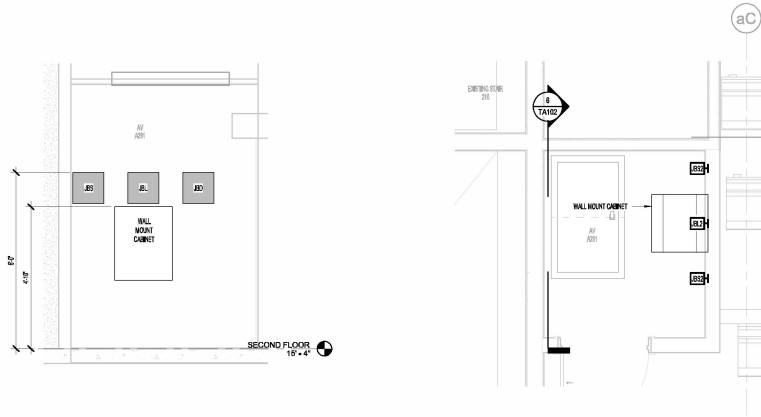
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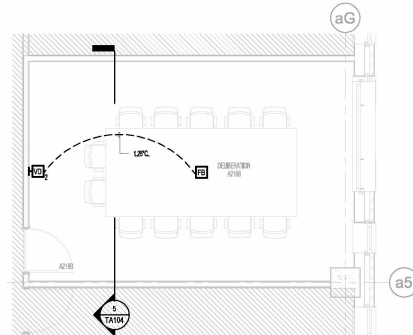


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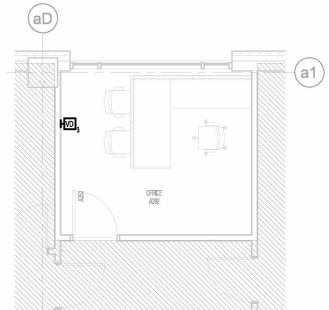


6 AUDIO/VISUAL SECTION VIEW
1/2" = 1'-0"

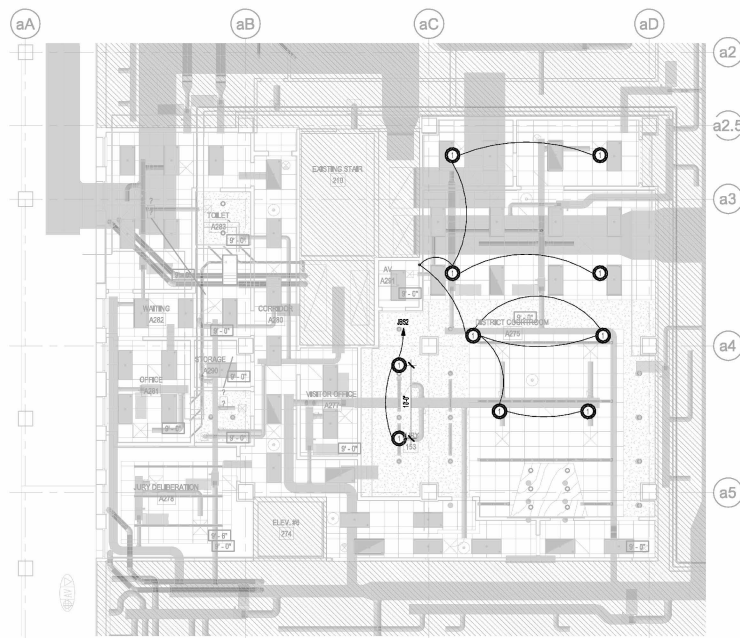
5 AUDIO/VISUAL ENLARGED PLAN - SECOND FLOOR - AV A291
1/2" = 1'-0"



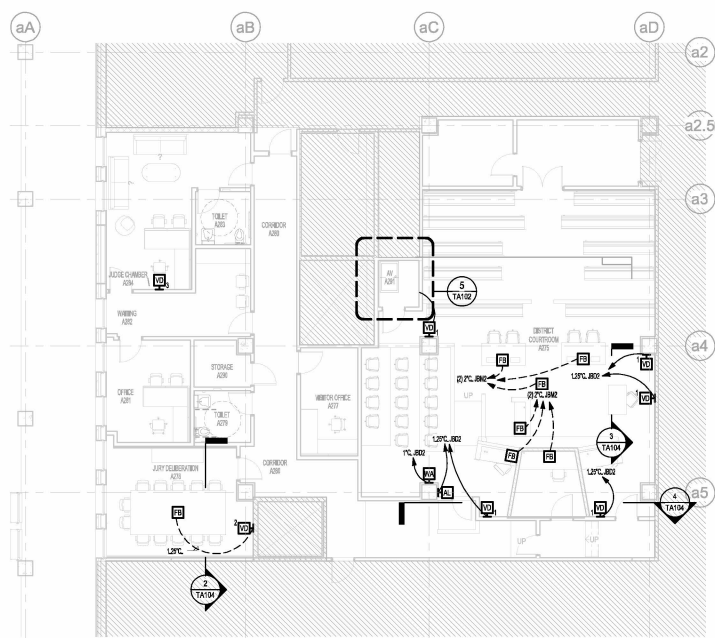
4 A/V SECOND FLOOR - JURY ROOM 225
1/4" = 1'-0"



3 A/V SECOND FLOOR - OFFICE 265K
1/4" = 1'-0"



2 AUDIO/VISUAL CEILING PLAN - SECOND FLOOR
1/8" = 1'-0"



1 AUDIO/VISUAL PLAN - SECOND FLOOR
1/8" = 1'-0"

Key/Rev

Professional Seal



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1	ISSUED FOR CONSTRUCTION	1/1/2024

Project No. 21.00704.01

Sheet Title

AUDIO/VISUAL PLAN -
SECOND FLOOR

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Project No: 21-08704-01

AUDIO/VISUAL PLAN -
THIRD FLOOR

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Sheet Number

TA103



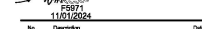
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Key Words

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Project No: 21-09704-01

AUDIO/VISUAL SECTION VIEWS

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Sheet Number

TA104

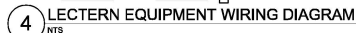
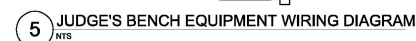


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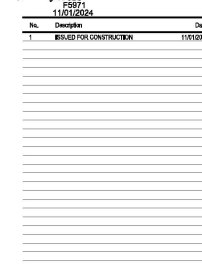
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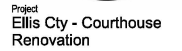
AUDIO/VISUAL DIAGRAMS & RISERS

Originals 36 x 24. Do not write contents of this drawing.

Sheet Number

TA601

1. FIELD COORDINATE INSTALLATIONS OF DEVICES WITH FIELD CONDITIONS AND OTHER TRADES.
2. FIELD COORDINATE LOCATIONS OF POWER AND DATA/NET OUTLETS WITH DISPLAYS AND PROJECTORS.
3. OUTLET FACEPLATE DETAILS SHOWN ARE TYPICAL, SOME FACEPLATE CONNECTIONS REQUIREMENTS MAY VARY.



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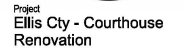
AUDIO/VISUAL DETAILS

Originals 30 x 24. Do not write contents of this drawing.

TA001

TA901

1. FIELD COORDINATE INSTALLATIONS OF DEVICES WITH FIELD CONDITIONS AND OTHER TRADES.
2. FIELD COORDINATE LOCATIONS OF POWER AND DATA/VE OUTLETS WITH DISPLAYS AND PROJECTORS.
3. OUTLET FACEPLATE DETAILS SHOWN ARE TYPICAL, SOME FACEPLATE CONNECTIONS REQUIREMENTS MAY VARY.



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HIGH SYSTEM
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VOL. MAC PDOWN
ANTENNA DET
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TUNER
PLU0
PLU0
ADM #1
ADM #2
DISP
PATCH PANEL
PATCH PANEL
PATCH PANEL
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RETRONCESSION VOL
PARTY GEEK VIC PHL
CD PLAYER
DEQ
DEQ
BLANK
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CLAMP
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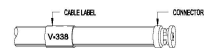
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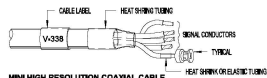
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Sheet Number

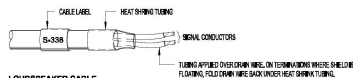
TA902



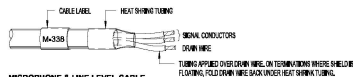
COAXIAL CABLE



MINI HIGH RESOLUTION COAXIAL CABLE

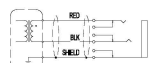


LOUDSPEAKER CABLE

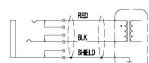


MICROPHONE & LINE LEVEL CABLE

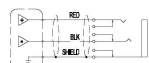
5 AV CABLE PREPERATION DETAILS



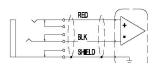
TRANSFORMER BALANCED OUTPUT TO PATCH BAY



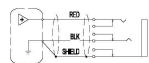
PATCH BAY TO TRANSFORMER BALANCED INPUT



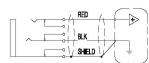
ACTIVE BALANCED OUTPUT TO PATCH BAY



PATCH TO ACTIVE BALANCE INPUT



UNBALANCED INPUT TO PATCH BAY



PATCH BY TO UNBALANCED INPUT

4 TYPICAL DEVICE TO PATCHBAY WIRING



ACTIVE BALANCED OUTPUT TO UNBALANCED INPUT



TRANSFORMER BALANCED OUTPUT TO UNBALANCED INPUT



UNBALANCED OUTPUT TO UNBALANCED INPUT



ACTIVE BALANCED OUTPUT TO ACTIVE BALANCED INPUT



TRANSFORMER BALANCED OUTPUT TO ACTIVE BALANCED INPUT



UNBALANCED OUTPUT TO ACTIVE BALANCED INPUT



ACTIVE BALANCE OUTPUT TO TRANSFORMER BALANCE INPUT

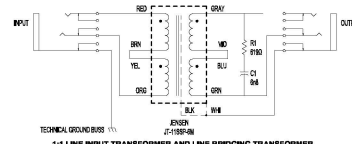


TRANSFORMER BALANCED OUTPUT TO TRANSFORMER BALANCED INPUT

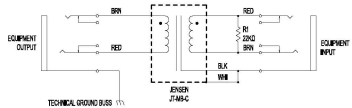


UNBALANCED OUTPUT TO TRANSFORMER BALANCED INPUT

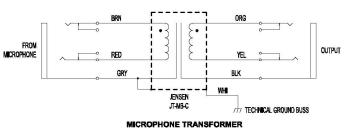
3 AUDIO SHIELD CONNECTIONS



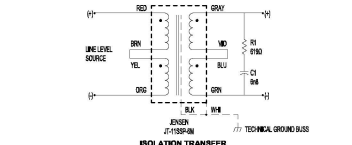
1:1 LINE INPUT TRANSFORMER AND LINE BRIDGING TRANSFORMER



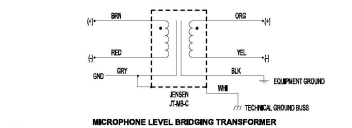
4:1 LINE INPUT TRANSFORMER (PRO CONSUMER EQUIPMENT)



MICROPHONE TRANSFORMER

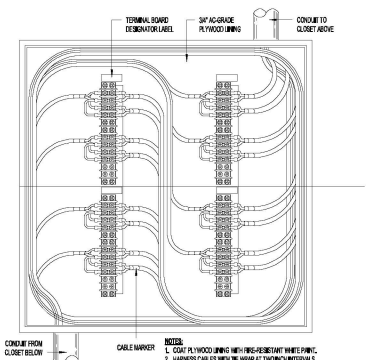


ISOLATION TRANSFORMER



MICROPHONE LEVEL BRIDGING TRANSFORMER

2 AUDIO TRANSFORMER WIRING



6 SPEAKER JUNCTION BOX TERMINATION

PANEL SYMBOLS LEGEND



1 ANNOUNCER PLATE



Project
Ellis Cty - Courthouse
Renovation

Prepared for
ELLIS COUNTY



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AUDIO/VISUAL DETAILS

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TA903



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SECTION 27 05 00 – COMMON WORK RESULTS FOR COMMUNICATIONS

1.1 DESCRIPTION OF WORK

- ## 1.2 SUBMITTALS

- PART 2 • PRODUCTS

A ALL C

- ## 2.2 CONDUCTORS

- ## 2.3 SUPPORTS

- ## 24 COVER PLATES

- ## 2.5 GROUNDING AND BONDING

- 2.6 UP

- ## 2.7 4 POST EQUIPMENT RACKS

- ## 2.8 POWER DISTRIBUTION UNITS

- ## 2.9 HORIZONTAL AND VERTICAL WIRE MANAGERS

- ## 2.10 OPTICAL FIBER CABLING

- ## 2.11 FIBER OPTIC PATCH PANEL

- ## 2.15 HORIZONTAL COPPER CABLING.

- B. FURNISH AND INSTALL ALL JACKS, FACEPLATE

Professional Seals

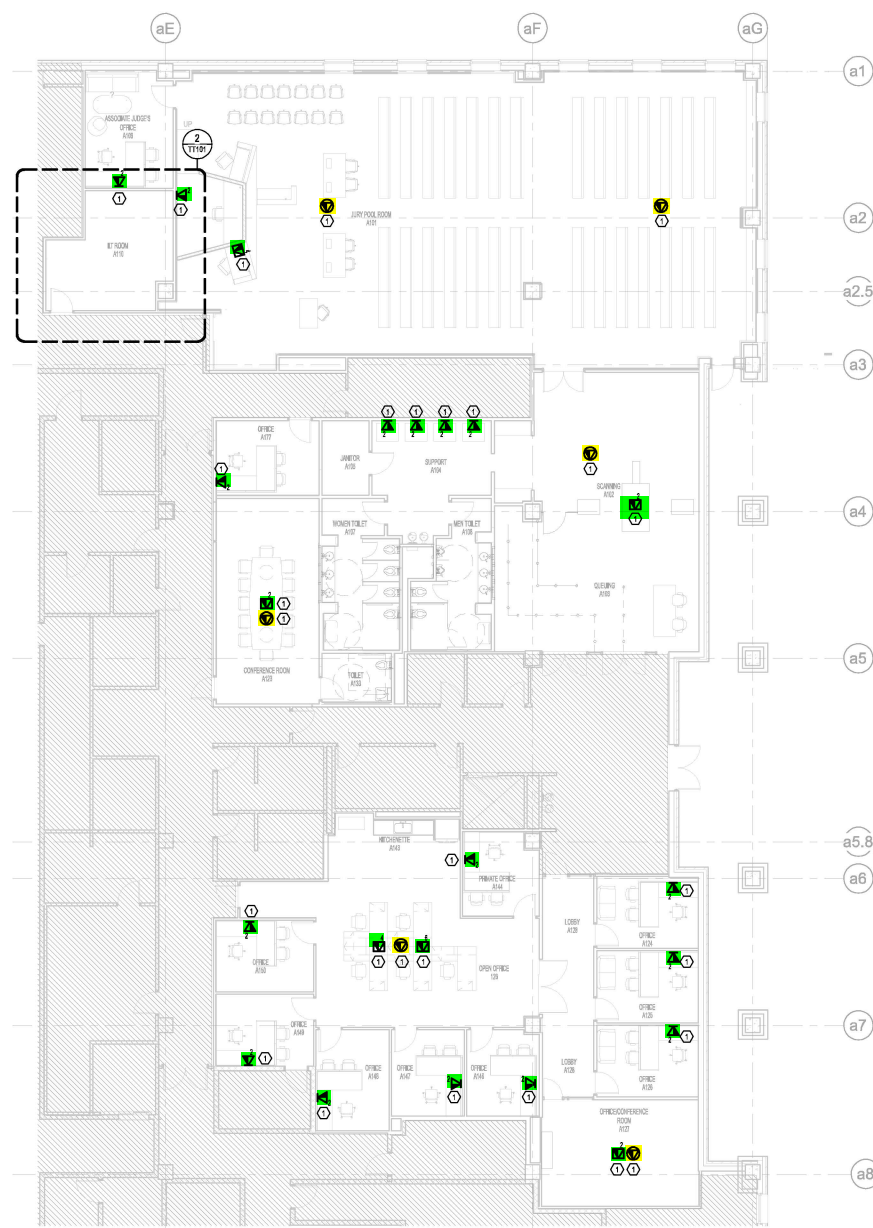


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Sheet Number

TT001

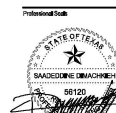


1 TELECOMMUNICATIONS PLAN - FIRST FLOOR
1/8" = 1'-0"

1. CATEGORY CABLING CAN BE SUPPORTED VIA J-HOOKS. J-HOOKS SHALL BE 5'-0" O.C.



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Project No: 21.09704.01
Sheet Title:

TELECOMMUNICATIONS
PLAN - FIRST FLOOR

Originals 30 x 24. Do not write contents of this drawing.

Sheet Number

TT101

1



- GENERAL NOTE:**

1. CATEGORY CABLING CAN BE SUPPORTED VIA J-HOOKS. J-HOOKS SHALL BE 5'-0" O.C.



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TELECOMMUNICATIONS
PLAN - SECOND FLOOR

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Sheet Number

TT102

CAMERA NUMBERING LEGEND	
EX000 CONSECUTIVE NUMBER FLOOR LEVEL BUILDING OBSERVATION	
MISCELLANEOUS	
SYMBOL	DESCRIPTION
	DETAIL REFERENCE: # = DETAIL NUMBER #ATTN = DRAWING NUMBER
	KEYNOTE NOTIFICATION #KEYNOTE = NOTE REFERENCED

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SECTION 28 05 00 - COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND SECURITY
PART 1 - GENERAL

1.1 DESCRIPTION

- ## 1.2 SUBMITTALS

- ## PART 2 • PRODUCTS

11

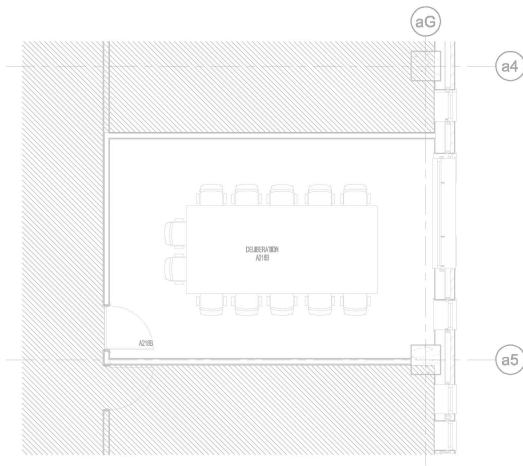
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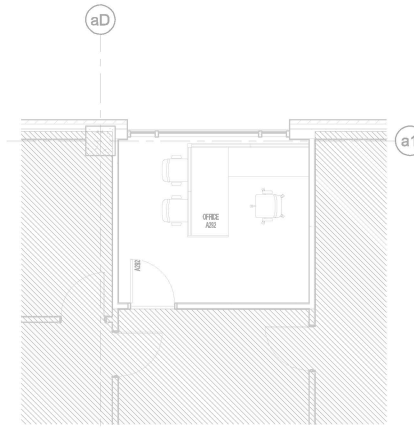
Originals 36 x 24. Do not write contents of this drawing.

Sheet Number

TY001



③ SECURITY SECOND FLOOR - JURY ROOM 225
1/4" = 1'-0"



② SECURITY SECOND FLOOR - OFFICE 265K
1/4" = 1'-0"

④ **KEY NOTE:**

1. ALL CABLING FOR DEVICES IN THIS AREA ROUTE TO IT ROOM 265.
2. NO WORK IN THIS AREA.

GENERAL NOTE:

1. CATEGORY CABLING CAN BE SUPPORTED VIA J-HOOKS. J-HOOKS SHALL BE 5'-0" O.C.



Project
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SECURITY PLAN -
SECOND FLOOR

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① SECURITY PLAN - SECOND FLOOR
1/8" = 1'-0"

1. THERE IS NO WORK IN THIS AREA.

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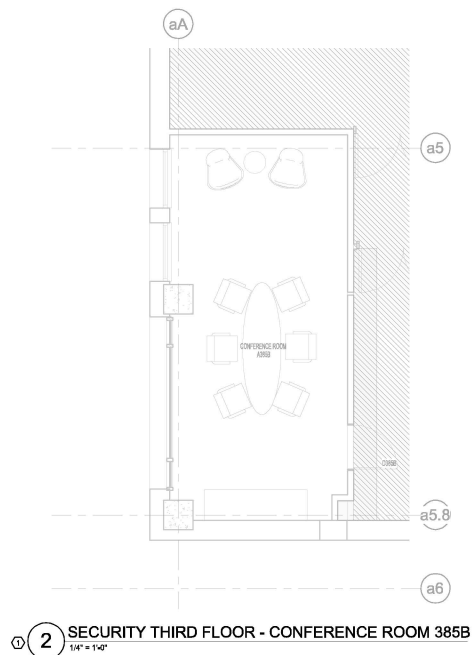
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SECURITY PLAN - THIRD FLOOR

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Sheet Number

TY103



TELECOMMUNICATIONS GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE WORK DESCRIBED IN THE BID DOCUMENTS AND SHALL BE REFERRED TO THROUGHOUT THESE DOCUMENTS AS "THE CONTRACTOR" OR "THE SUBCONTRACTOR".
2. THE PROJECT DOCUMENTS SHALL INCLUDE THE DRAWINGS AND SPECIFICATIONS, THE PROJECT MANUAL INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND ALL ADDITIONAL RIDERS AND ADDENDA.
3. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL DRAWINGS AND SITE CONDITIONS FOR THE EXACT LOCATION OF ALL TELECOMMUNICATIONS SYSTEM DEVICES. CONFLICTS, IF ANY, SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER WHO SHALL APPROVE ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS PRIOR TO THE COMMENCEMENT OF THE WORK.
4. FINAL EQUIPMENT COLOR AND FINISH SELECTIONS SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT.
5. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE, ALL APPLICABLE LOCAL CODES AND REGULATIONS, TIA/EIA TELECOMMUNICATIONS STANDARDS, BICSI STANDARDS, CONSTRUCTION STANDARDS AND INDUSTRY BEST PRACTICES. ALL ELECTRICAL SAFETY AND FIRE CODES SHALL BE FOLLOWED. IF NATIONAL, STATE AND/OR CITY CODES DIFFER ON THE SAME POINT THEN THE STRICTEST DEFINITION AND/OR INTERPRETATION SHALL BE FOLLOWED.
6. THE TELECOMMUNICATIONS DRAWINGS ARE DIAGRAMMATIC IN NATURE. VERIFY FIELD CONDITIONS BEFORE STARTING THE INSTALLATION. ANY DISCREPANCIES BETWEEN THE TELECOMMUNICATIONS DRAWINGS AND ACTUAL FIELD CONDITIONS OR OTHER PROJECT DRAWINGS SHALL BE REPORTED TO THE ARCHITECT IN A TIMELY MANNER.
7. THE TELECOMMUNICATIONS DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS. ANY DISCREPANCIES BETWEEN THE TELECOMMUNICATIONS DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT IN A TIMELY MANNER.
8. ALL CABLE PATHWAYS SHALL BE CONCEALED IN WALL AND CEILING SPACES. WHERE SURFACE RACEWAYS MAY BECOME NECESSARY, EACH INSTANCE SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
9. ALL CABLE PATHWAYS SHALL RUN PARALLEL OR ORTHOGONAL TO WALLS, FLOORS AND CEILINGS.
10. COORDINATE THE LOCATION OF MECHANICAL, PLUMBING AND OTHER EQUIPMENT AS REQUIRED, PRIOR TO WORK EXECUTION IN ORDER TO PROPERLY COORDINATE CABLE PATHWAYS.
11. ALL CONDUITS SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED AND FURNISHED WITH MEASURED PULL TAPE. THE CONTRACTOR SHALL ALSO PROVIDE PLASTIC BUSHINGS AT ALL SLEEVES AND OPEN CONDUIT ENDS. ALL CONDUIT FITTINGS SHALL BE APPROVED FOR USE AS PART OF TELECOMMUNICATIONS SYSTEM PATHWAYS PER BICSI GUIDELINES.
12. THE MINIMUM BEND RADIUS FOR CONDUITS SHALL BE AS FOLLOWS:
 - 2" OR LESS IN DIAMETER SHALL BE 8 TIMES THE INTERNAL CONDUIT DIAMETER
 - LARGER THAN 2" IN DIAMETER SHALL BE 10 TIMES THE INTERNAL CONDUIT DIAMETERPATHWAYS SHOWN ON THE FLOOR PLANS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EXACT BEND RADIUS.
13. WHEN PENETRATING THE SLAB, SLEEVES SHALL BE CUT A MINIMUM OF 4" ABOVE THE FINISHED SLAB.
14. CONTRACTOR SHALL FIELD COORDINATE BEFORE INSTALLATION. PROVIDE A PULL BOX IN CONDUIT RUNS SUCH THAT: MAXIMUM CONTINUOUS CONDUIT RUN SHALL NOT EXCEED 100 FT. NO MORE THAN TWO 90 DEGREE BENDS AND NO MORE THAN 180 DEGREE TOTAL OFFSET ALLOWED IN A CONTINUOUS CONDUIT RUN. THERE IS AT LEAST ONE PULL BOX PER REVERSE (J-SHAPED) BEND IN CONDUIT RUN. IT IS LOCATED IN THE STRAIGHT SECTION OF A CONDUIT AND NOT IN LIEU OF A BEND. ALL PULL BOXES ARE ACCESSIBLE AND HAVE REMOVABLE COVERS.
15. THE CONTRACTOR SHALL USE THE FOLLOWING CRITERIA WHEN INSTALLING CABLE TRAY AND LADDER RACK:
 - PROVIDE 3" MINIMUM CLEARANCE BELOW THE TRAY/RACK
 - PROVIDE 2'-0" MINIMUM CLEARANCE ABOVE THE TRAY/RACK MEASURED FROM THE TOP MOST SURFACE OF THE TRAY/RACK.
 - PROVIDE 1'-0" MINIMUM CLEAR ACCESS ON ONE SIDE OF THE TRAY/RACK SUCH THAT THE TRAY CAN BE ACCESSED A LEAST ONCE EVERY 10'-0".
 - PROVIDE VERTICAL LADDER RACK WHEN SLEEVES/CONDUITS ENTERING THE TELECOM SPACES ARE INSTALLED MORE THAN 10'-0" ABOVE FINISHED FLOOR. INSTALL THE LADDER RACK FROM THE BOTTOM OF THE SLEEVE TO THE TOP OF THE HORIZONTAL LADDER RACK FOR LASHING OF CABLES IN THE VERTICAL RUN.
 - THERE SHALL BE NO OTHER EQUIPMENT, LIGHTS, CONDUITS, FIXTURES, ETC. ATTACHED TO, MOUNTED ON, RUNNING THROUGH OR ON THE TRAY/RACK EXCEPT THOSE NEEDED TO SUPPORT THE TRAY/RACK SYSTEMS.
16. WHENEVER CABLE TRAYS IS INSTALLED ABOVE INACCESSIBLE CEILINGS, ACCESS PANELS SHALL BE PROVIDED THEY MEET THE ARCHITECTURAL FINISHES AND REQUIREMENTS FOR THE SPACE. SIZE OF ACCESS PANELS SHALL BE MINIMUM 24" x 24". FOR CABLE TRAY ACCESS, SPACING BETWEEN ACCESS PANELS SHALL BE NO MORE THAN 10' APART. LOCATIONS SHALL BE COORDINATED WITH ARCHITECT AND OTHER TRADES TO CONSOLIDATE AND MINIMIZE THE QUANTITY. CONDUIT FROM OUTLETS SHALL BE TERMINATED WITHIN 2' OF AN ACCESS PANEL FOR ACCESS.
17. RE-ESTABLISH THE FIRE RATING OF ALL PENETRATIONS MADE THROUGH FIRE RATED FLOORS OR WALLS.
18. IF THE DIVISION 27 GENERAL CONDITIONS AND PROJECT GENERAL CONDITIONS DIFFER ON THE SAME POINT, THE STRICTEST DEFINITION AND/OR INTERPRETATION SHALL GOVERN.
19. ALL HORIZONTAL PATHWAYS SHALL BE ROUTED SUCH THAT THE TOTAL HORIZONTAL END TO END CABLE LENGTHS SHALL NOT EXCEED 289 FT. WHERE THIS REQUIREMENT CAN NOT BE MET, THE CONTRACTOR SHALL INFORM THE ARCHITECT IN A TIMELY MANNER.
20. LOCATIONS OF ALL THE DEVICES AND EQUIPMENT (I.E. HVAC, FAN COIL UNIT, SLEEVES, ETC) IN THE TELECOMMUNICATIONS ROOMS SHALL BE COORDINATED WITH ALL THE AFFECTED TRADES AND THE ARCHITECT PRIOR TO INSTALLATION.
21. LABEL ALL TELECOMMUNICATIONS COMPONENTS ACCORDING TO THE TIA/EIA 608-D STANDARDS AND THE TELECOMMUNICATIONS SECTIONS OF THE SPECIFICATIONS.
22. TELECOMMUNICATIONS OUTLETS SHALL NOT BE INSTALLED BACK-TO-BACK WITH ANY OTHER DEVICE IN A PARTITION WALL BUT BE OFFSET BY A MINIMUM OF 10".
23. THE CONTRACTOR SHALL NOT EXERT PULLING FORCE IN EXCESS OF THE MAXIMUM TENSILE FORCE ALLOWED BY THE MANUFACTURER OF THE WIRE OR CABLE BEING INSTALLED. THE USE OF MECHANICAL TUGGERS IS STRICTLY PROHIBITED.
24. ALL FIELD DEVICES THAT REQUIRE UNSHIELDED OR SHIELDED TWISTED PAIR (UTP, FUTP, SUTP, STP) CONNECTIVITY SHALL UTILIZE CABLING THAT IS INSTALLED IN ACCORDANCE WITH SPECIFICATION 27-15.00 - "COMMUNICATIONS HORIZONTAL CABLING". THIS SHALL BE REQUIRED FOR ANY CONNECTIVITY TO THE LOCAL AREA NETWORK(S) OR OTHER SYSTEM DEVICES AND REQUIRES THAT ALL FIELD DEVICES BE CONNECTED TO A TERMINATION OUTLET (E.G. WALL JACK, SURFACE MOUNTED TERMINATION BOX, PATCH PANEL, ETC) ON BOTH ENDS OF THE CONNECTION VIA A CATEGORY 8A PATCH CORD THAT COMPLIES WITH SPECIFICATION 27-16.00 - "COMMUNICATIONS HORIZONTAL CABLING" REQUIREMENTS. IN NO INSTANCE SHALL ANY FIELD DEVICE BE DIRECTLY CONNECTED TO A LOCAL AREA NETWORK SWITCH OR SIMILAR DEVICE. THE SYSTEM CONTRACTOR SHALL COORDINATE AS NECESSARY WITH THE LOW VOLTAGE CABLING CONTRACTOR TO ENSURE THESE REQUIREMENTS ARE SATISFIED.
25. CONDUITS CROSSING BUILDING SEISMIC OR EXPANSION JOINTS, PASSING FROM BUILDING TO BUILDING, OR SUPPORTED FROM DIFFERENT PORTIONS OF THE BUILDING SHALL BE INSTALLED TO ALLOW DIFFERENTIAL SUPPORT DISPLACEMENTS WITHOUT DAMAGING THE PIPE, EQUIPMENT CONNECTIONS, OR SUPPORT CONNECTIONS. PIPE OFFSETS, LOOPS, ANCHORS, AND GUIDES SHALL BE INSTALLED AS REQUIRED TO PROVIDE SPECIFIED MOTION CAPABILITY AND LIMIT MOTION OF ADJACENT PIPING. COORDINATE LOCATION OF SEISMIC JOINTS WITH STRUCTURAL DRAWINGS.
26. LOCATE PULL BOXES OVER ACCESSIBLE CEILINGS. WHERE THIS IS NOT FEASIBLE, THE CONTRACTOR SHALL PROVIDE ACCESS PANELS MEETING THE ARCHITECTURAL FINISH AND REQUIREMENTS FOR THE SPACE. CONTRACTOR SHALL COORDINATE THE LOCATIONS, QUANTITIES, AND MATERIALS WITH THE ARCHITECT.

PROJECT SHEET INDEX - TELECOMMUNICATION

SHEET NUMBER	SHEET NAME
TT000	TELECOMMUNICATIONS ABBREVIATIONS, GENERAL NOTES & SYMBOLS.
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TT102	TELECOMMUNICATIONS PLAN - SECOND FLOOR
TT103	TELECOMMUNICATIONS PLAN - THIRD FLOOR
TT901	TELECOMMUNICATIONS DETAILS - EQUIPMENT
TT902	TELECOMMUNICATIONS DETAILS - EQUIPMENT
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