

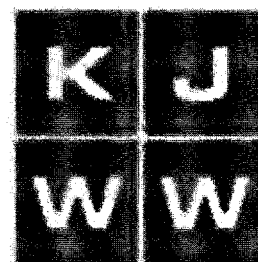
# AUDITORIUM RENOVATION LAWRENCE CENTRAL HIGH SCHOOL METROPOLITAN SCHOOL DISTRICT OF LAWRENCE TOWNSHIP

7300 EAST 56TH STREET  
INDIANAPOLIS, IN 46226

216107.00

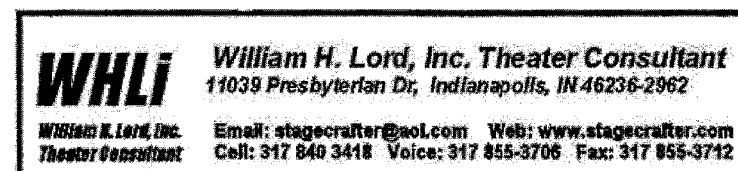
03.20.17

## ACOUSTIC CONSULTANT



8900 Keystone Crossing Suite 210  
Indianapolis, IN 46240  
(317) 580-6920

## THEATRICAL CONSULTANT



11039 Presbyterian Drive  
Indianapolis, IN 46236  
(317) 855-3706

**FANNING HOWEY**

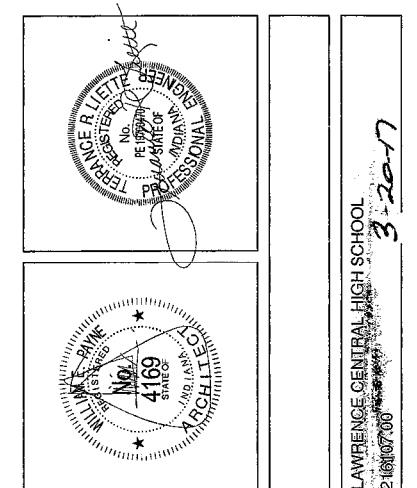
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## CODE NOTES:































- INTERIOR FINISH RENOVATION PROJECT
- FULLY OPERATIONAL AUTOMATIC SPRINKLER SYSTEM TO REMAIN AS IS
- NO INCREASE OF OCCUPANCY LOAD OR CHANGE OF OCCUPANCY TYPE
- NEW AUTOMATIC FIRE CURTAIN SYSTEM CONNECTED WITH EXISTING FIRE ALARM SYSTEM
- NEW ADA ACCESSIBLE PATH FROM AUDIENCE TO STAGE LEVEL
- NO OBSTRUCTION OF EXISTING EXITS OR EXIT PATHES
- REDUCED NUMBER OF FIXED SEATS



ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

AC	AT	M	METER
ACT	AIR CONDITIONING	MAS	MASONRY
AD	ACoustical CEILING TILE	MAT	MATTRESS
ADJ	AREA DRAIN	MAX	MAXIMUM
ADJUST	ADJUSTABLE	MB	MILIBOARD
AFF	ABOVE FINISHED FLOOR	MECH	MECHANICAL
AF	ACCORDION FOLDING PARTITION	MEZZ	MEZZANINE
AG	AGGREGATE	MFR	MANUFACTURER
ALT	ALTERNATIVE	MH	MOP HOLDER
AL	ALUMINUM	MN	MINIMUM
AP	ACCESS PANEL	MISC	MISCELLANEOUS
APPROX	APPROXIMATE	MM	MILLIMETER
ARCH	ARCHITECTURE	MO	MASONRY OPENING
ASPH	ASPHALT	MTL	METAL
AV	AUDIO-VISUAL	N	NORTH
AWG	AMERICAN WIRE GAUGE	NIC	NOT IN CONTRACT
AWT	AWT WALL TREATMENT	NUMB	NUMEROUS
ANGLE	ANGLE	NOB	NOMINAL
AND	AND	NTS	NOT TO SCALE
BIT	BITUMINOUS	OC	ON CENTER
B.L.D.	BUILDING	OD	OUTSIDE DIAMETER
BLK	BLOCKING	OPNG	OPENING
BMG	BENCH MARK / BEAM	OPP	OPPOSITE
BM	BOTTOM	O.H.	OVER HEAD
BOS	BOTTOM OF STEEL	O TO O	OUT TO OUT
BUR	BURIAL	OW	OWSIBLE WALL
BK	BRICK	OZ	OUNCE
BUR	BUILT-UP ROOF	P	PAINT
CAB	CABINET	PA	PUBLIC ADDRESS
CAR	CARPET	PERF	PERFORATED
CAT	CATALOG	PLAS	PLASTIC
CB	CHALKBOARD / CATCH BASIN	PLBG	PLUMBING
CFM	CUBIC FEET PER MINUTE	PLYWD	PLYWOOD
CH	CHEMICAL FEATER	PREPAB	PREPARED
CJ	CATCH IRON	PS	PROTECTION SCREEN
CL	CONTROL JOINT	PSF	POUNDS PER SQUARE FOOT
CLG	CLEAR	PSI	POUNDS PER SQUARE INCH
CMP	CONCRETE	PSS	PENCIL SHARPENER SUPPORT
CMT	CORRUGATED METAL PIPE	PORFLN TLA	PORFLN TILE
CMS	CERAMIC MOSAIC TILE	PVC	POLYVINYL CHLORIDE
CMU	CONCRETE MASONRY UNIT	PVMT	PAVEMENT
COL	COLUMN	QT	QUARRY TILE
COMP	COMPACTED	R	RISER
CONC	CONCRETE	RA	RETURN AIR
CONSTR	CONSTRUCTION	RADIR	RADIATOR
CONT	CONTINUOUS/CONTINUE	RB	RESILIENT BASE
CONTR	CONTRACTOR	RCP	REINFORCED CONCRETE PIPE
CO	CORRUGATED	RCD	REQUIRED
CNT	CERAMIC TILE	REF	REFERENCE
CNT	CENTRAL CENTER	REFR	REFRIGERATOR
CSK	COUNTER SINK	REINF	REINFORCING
CT FT/CT	CUBIC FEET	RECD	REQUIRED
CT IN/CT	CUBIC INCH	REV	REVISION(S)
CT YD/CT	CUBIC YARD	RM	ROOM
CT	COLD WATER	ROU	ROUND OPENING
OW	COLD WATER	ROW	RIGHT-OF-WAY

MATERIAL SYMBOLS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

	ASPHALT		WIRE FENCE OR PARTITION
	EARTH		METAL ROOF DECK
	GRAVEL, STONE, OR DRAINAGE FILL		LAMINATED WOOD BEAM (SMALL SCALE SECTION)
	SAND, GROUT, PLASTER, GWB, OR PLAN VIEW OF SIDEWALK		BATT INSULATION
	CONCRETE		RIGID INSULATION
	TERRAZZO		ROUGH WOOD
	CUT STONE		FINISH WOOD
	MARBLE		WOOD OTHER THAN NOMINAL
	SLATE		PLYWOOD
	FACE BRICK (PLAN)		GYPSUM WALLBOARD (LARGE SCALE)
	GLAZED BRICK		STUD WALL (PLAN) - DIMENSIONS TAKEN TO FINISH FACE OF WALL - SEE WALL TYPES
	CONCRETE MASONRY UNIT (PLAN)		SOLID PANEL FOLDING PARTITION OR OPERABLE WALL
	CONCRETE MASONRY UNIT (SECTION)		FABRIC ACCORDION FOLDING PARTITION
	CONCRETE MASONRY UNIT (SOLID, IN SECTION)		ACOUSTICAL TILE CEILING
	SPRAY-ON INSULATION OR FIRE PROTECTION		EXTERIOR FINISH SYSTEM

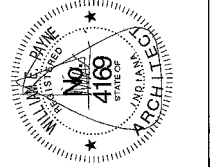
DRAWING SYMBOLS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

	CALLOUT		REVISION TAG		EXISTING CONTOUR
	CEILING TAG		ROOF TYPE TAG		NEW CONTOUR
	CODED NOTE		BUILDING/WALL SECTION		TEST BORING & NO.
	DOOR TAG		DETAIL SECTION		EXISTING POINT ELEVATION
	EXTERIOR ELEVATION		ROOF SLOPE TAG		NEW POINT ELEVATION
	INTERIOR ELEVATION		MATCHLINE VIEW REFERENCE		STORM SEWER INLETS
	GRID HEAD		WALL TAG		
	LEVEL LINE		STOREFRONT TAG		
			WINDOW TAG		
			ROOM TAG		

COVER  
ABBREVIATIONS AND INDEX

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  - A00.02 UPPER LEVELS DEMOLITION PLAN - UNIT G
- A1.01 FIRST FLOOR ARCHITECTURAL PLANS - UNIT G & L AND DETAILS
- A4.01 BUILDING SECTIONS
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  - A8.02 UPPER LEVEL FINISH PLAN
  - A8.03 INTERIOR ELEVATIONS
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  - A8.01 REFLECTED CEILING PLAN & SECTION DETAIL
- A10.01 VERTICAL CIRCULATION
- 07 ELECTRICAL
  - E1.01 ELECTRICAL SYMBOL LEGEND
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- TL2.01 LIGHTING CONTROL RISER DIAGRAM
- 09 AV TECHNOLOGY
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  - T101 SECOND FLOOR DEMO PLAN - TECHNOLOGY
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  - T201 SECOND FLOOR PLAN - TECHNOLOGY
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  - T301 TECHNOLOGY DETAILS
  - T302 TECHNOLOGY DETAILS
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**FANNING HOWEY**  
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[www.fh.ai.com](http://www.fh.ai.com)

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## ABBREVIATIONS AND INDEX

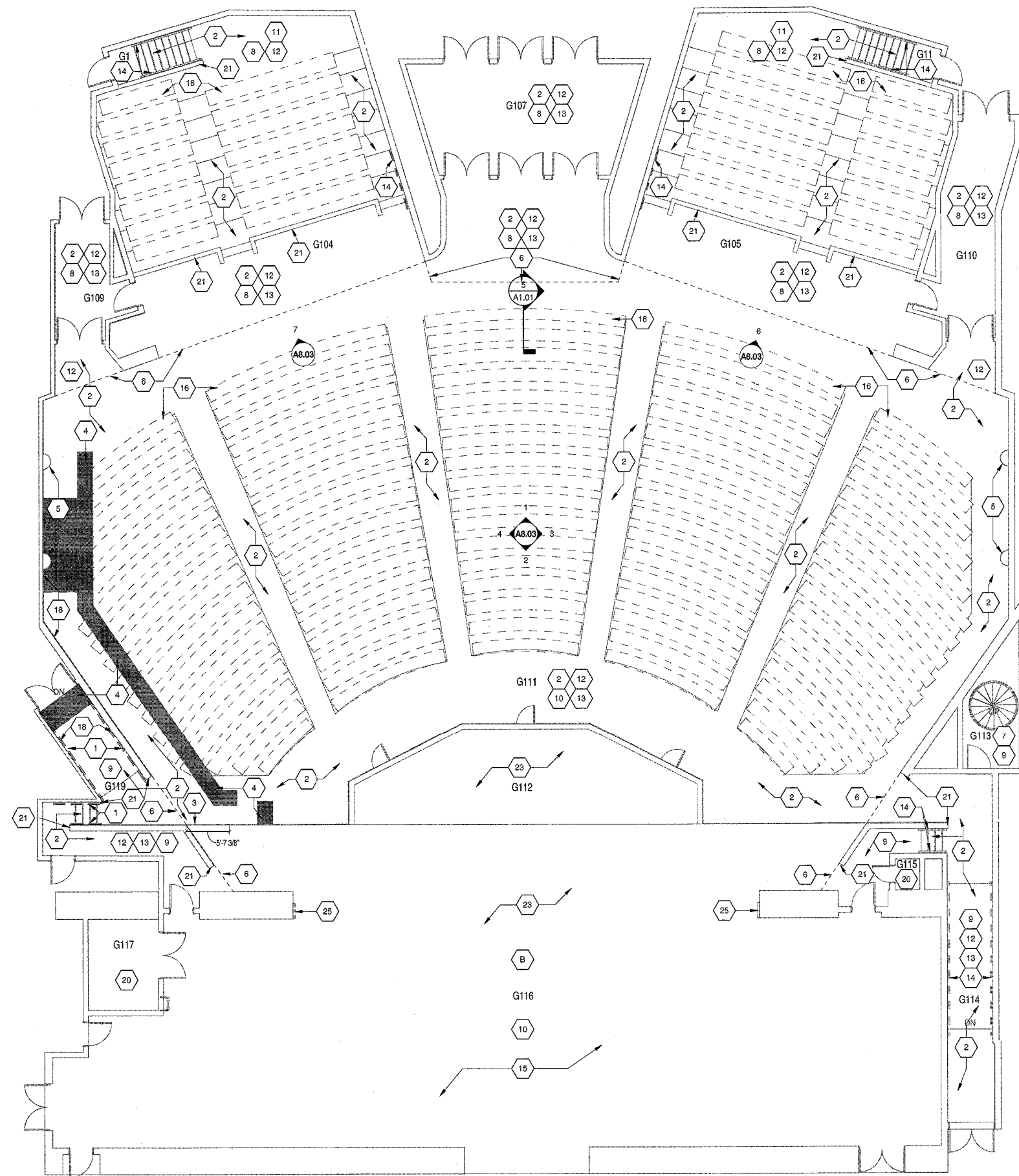
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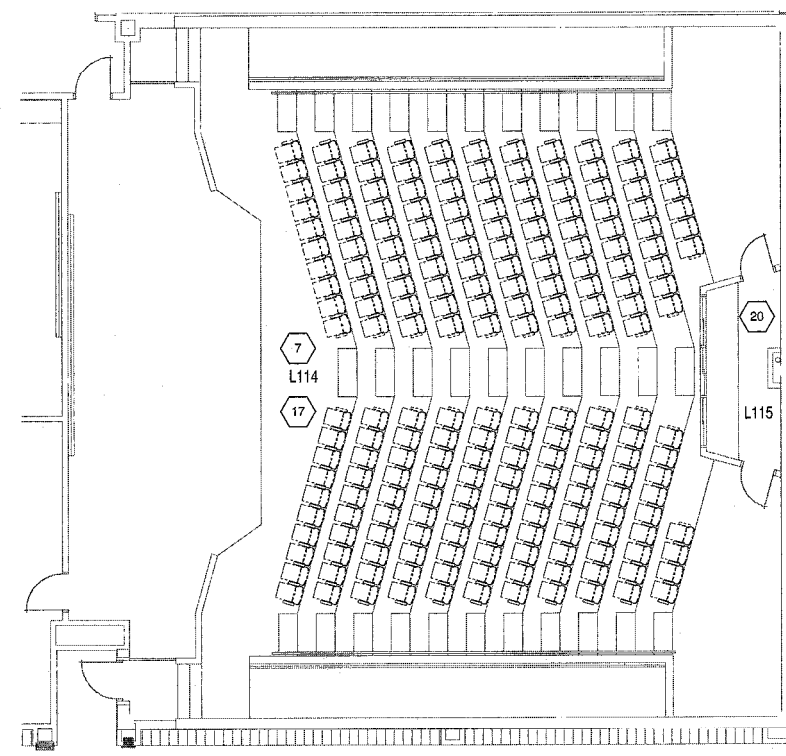
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LAWRENCE CENTRAL HIGH SCHOOL  
6107.00



2  
SCALE: 1/8" = 1'-0"

**FIRST FLOOR DEMOLITION PLAN  
- UNIT G**



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

**FIRST FLOOR DEMOLITION  
PLAN - UNIT L**

ROOM LEGEND - FIRST FLOOR UNIT G	
ROOM NO.	ROOM NAME
G1	STAIR
G11	STAIR
G104	LECTURE
G105	LECTURE
G107	VOMITORY
G109	VOMITORY
G110	VOMITORY
G111	AUDITORIUM
G112	ORCHESTRA LIFT
G113	CATWALK ACCESS
G114	CORRIDOR
G115	STORAGE
G116	STAGE
G117	PIANO STORAGE
G118	PASSAGE

ROOM LEGEND - FIRST FLOOR UNIT L	
ROOM NO.	ROOM NAME
L114	GROUP INSTRUCTION
L115	CONTROLS

- ARCHITECTURAL PLAN GENERAL NOTES**
- UNLESS NOTED OTHERWISE, DEMOLITION TO BE PART OF THE WORK BY GENERAL CONTRACTOR. COORDINATE WITH OTHER PRIME CONTRACTORS TO SEE IF THERE ARE ITEMS TO BE REUSED. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SECTION 01100 AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS. DEMOLITION CONTRACTOR IS TO VERIFY HIS WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.
  - "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
  - "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS, ADHESIVE RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.
  - WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" (MIN.) BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB).
  - AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
  - ITEMS TO BE REMOVED BY CONTRACTOR SHALL INCLUDE WORK BY OTHER TRADES, INCLUDING STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, TECHNOLOGY, AND ACoustICAL. MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS.
  - COORDINATE THIS WORK WITH DEMOLITION WORK ON STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, TECHNOLOGY, AND ACoustICAL.
  - PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.
  - OWNER TO REMOVE EXISTING FURNITURE / MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED, IN ACCORDANCE WITH SALVAGE SCHEDULE. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
  - ITEMS TO BE PATCHED, REMOVE ALL LOOSE OR DAMAGED MATERIAL, REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
  - THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
  - "TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS; 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER. SEE SALVAGE SCHEDULE. FOR ITEMS TO BE RELOCATED.
  - ALTERNATE - STAGE FLOOR - CONTRACTOR TO PROVIDE PRICE FOR DEMOLISHING EXISTING STAGE FINISH WOOD FLOOR. SEE ARCHITECTURAL GENERAL NOTES FOR CONTINUATION OF WORK WITH THIS ALTERNATE OPTION.
  - ALL AUDITORIUM AND LECTURE ROOM SEATING TO BE REMOVED IN ITS ENTIRETY. REFER TO SPECIFICATIONS FOR MORE INFORMATION ON REMOVAL AND OR REPLACEMENT OF CURTAINS IN THE PROJECT SCOPE.

**DEMOLITION PLAN NOTES**

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- DEMOLISH HANDRAIL(S) AT THIS LOCATION.
- REMOVE FINISH FLOORING AT THIS LOCATION.
- REMOVE PORTION OF 1X TRIM (STAGE NOSING) AT FRONT OF STAGE.
- INDICATES APPROXIMATE PORTION OF EXISTING CONCRETE SLAB TO BE DEMOLISHED AS REQUIRED TO RECEIVE NEW CONCRETE FOOTING AND CMU PARTIAL HEIGHT RETAINING WALL AND OR PRECAST CONCRETE STAIR.
- REMOVE RESILIENT BASE AT COLUMN ONLY AND PREPARE TO RECEIVE NEW WALL COVERING AND BASE.
- DASHED LINE INDICATES APPROXIMATE LOCATION OF CEILING FINISH TRANSITION ABOVE.
- ALL EXISTING FINISHES IN THIS ROOM TO REMAIN.
- REMOVE ACOUSTIC CEILING TILE AT THIS LOCATION. (GRID TO REMAIN)
- EXISTING CEILING TILE AND GRID TO REMAIN AT THIS LOCATION.
- EXISTING GYPSUM BOARD CEILING TO REMAIN AT THIS LOCATION.
- REMOVE RESILIENT WALL BASE AT THIS LOCATION. PREPARE SURFACE TO RECEIVE NEW FINISH.
- DEMOLISH WALL COVERING / WALL CARPETING AT THIS LOCATION UNLESS NOTED OTHERWISE. PREPARE SURFACE TO RECEIVE NEW FINISH.
- EXISTING WOOD BASE TO REMAIN AT THIS LOCATION.
- REMOVE AND SALVAGE HANDRAIL FOR REINSTALLATION AT THE SAME LOCATION.
- EXISTING STAGE WALL FINISHES TO REMAIN AS IS.
- INDICATES EXISTING AUDIENCE OF SEATING TO BE REMOVED AND AREA PREPARED TO RECEIVE NEW REPLACEMENT SEATING. REFER TO FINISH DRAWINGS AND SPECIFICATIONS FOR MORE INFORMATION.
- REMOVE ALL EXISTING SEATING IN THIS ROOM. PATCH AND REPAIR CONCRETE AS REQUIRED.
- REMOVE ALL WOOD BASE ALONG THIS RUN AND SALVAGE FOR REUSE.
- DEMOLISH PORTION OF WALL CARPETING AT THIS LOCATION.
- NO WORK IN THIS ROOM AREA.
- EXISTING WOOD CAP AND OR VERTICAL WOOD ENDCAP(S) TO REMAIN. PREPARE TO RECEIVE NEW FINISH. REFER TO FINISH DRAWINGS FOR MORE INFORMATION.
- EXISTING RAILING TO REMAIN AS IS.
- REMOVE DAMAGED WOOD PLANKS ONLY. PREPARE FOR SURFACE UPDATE.
- EXISTING WALL CARPETING TO REMAIN AT THIS LOCATION UNLESS NOTED OTHERWISE.
- DEMOLISH VERTICAL WOOD TRIM AT THIS LOCATION.

**DEMOLITION STAGE RIGGING AND CURTAIN NOTES**

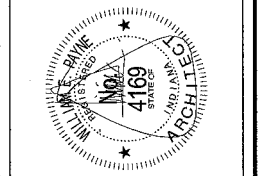
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- REMOVE COMPLETE SIDE WALL ATTENUATING CURTAINS AND TURN OVER TO OWNER. EXISTING TRACKS AND MOTORS TO REMAIN. SEE SPECIFICATIONS FOR MORE INFORMATION.
- REMOVE EXISTING STAGE CURTAINS AND TURN OVER TO OWNER. SEE SPECIFICATIONS FOR EXTENTS AND ADDITIONAL INFORMATION.

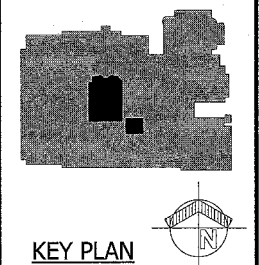
**VERIFICATION NOTE**

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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FIRST FLOOR DEMOLITION PLANS - UNIT G & L	
DRAWN BY: RH	DATE: 21.07.00
CHECKED BY: LB	ISSUE DATE: 03.20.17
REV DESCRIPTION DATE	
<b>AD0.01</b>	
LAWRENCE CENTRAL HIGH SCHOOL 21.07.00	

ROOM LEGEND - UPPER LEVELS UNIT G	
ROOM NO.	ROOM NAME
G201	LOWER BOOTH
G202	UPPER BOOTH
G207	MEZZAINE
G208	WEST SPOTLIGHT
G209	EAST SPOTLIGHT
G211	WEST GALLERY
G212	EAST GALLERY

**ARCHITECTURAL PLAN GENERAL NOTES**

A. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.

B. "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS, ADHESIVES, RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.

C. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MIN. BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

D. AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.

E. ITEMS TO BE REMOVED BY CONTRACTOR SHALL INCLUDE WORK BY OTHER TRADES, INCLUDING STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, TECHNOLOGY, AND ACOUSTICAL.

F. MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS. COORDINATE THIS WORK WITH DEMOLITION WORK ON ELECTRICAL TECHNOLOGY, AND ACOUSTICAL DRAWINGS.

G. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

H. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.

I. OWNER TO REMOVE EXISTING LOOSE FURNITURE / MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.

J. REMOVE ALL LOOSE OR DAMAGED MATERIAL. REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY. OWNER RESERVES RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.

K. ALTERNATE - STAGE FLOOR: CONTRACTOR TO PROVIDE PRICE FOR DEMOLISHING EXISTING STAGE FINISH WOOD FLOOR. SEE ARCHITECTURAL GENERAL NOTES AND LIST OF ALTERNATES FOR CONTINUATION OF WORK WITH THIS ALTERNATE OPTION.

L. ALL AUDITORIUM AND LECTURE ROOM SEATING TO BE REMOVED IN ITS ENTIRETY.

**DEMOLITION PLAN NOTES**

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- DEMOLISH HANDRAIL(S) AT THIS LOCATION.
- REMOVE FINISH FLOORING AT THIS LOCATION. REMOVE PORTION OF 1X TRIM (STAGE NOSING) AT FRONT OF STAGE.
- INDICATES APPROXIMATE PORTION OF EXISTING CONCRETE SLAB TO BE DEMOLISHED AS REQUIRED TO RECEIVE NEW CONCRETE FOOTING AND CMU PARTIAL HEIGHT RETAINING WALL AND OR PRECAST CONCRETE STAIR.
- REMOVE RESILIENT BASE AT COLUMN ONLY AND PREPARE TO RECEIVE NEW WALL COVERING AND BASE.
- DASHED LINE INDICATES APPROXIMATE LOCATION OF CEILING FINISH TRANSITION ABOVE.
- ALL EXISTING WALL AND CEILING FINISHES IN THIS ROOM TO REMAIN.
- REMOVE ACOUSTIC CEILING TILE AT THIS LOCATION. (GRID TO REMAIN)
- EXISTING CEILING TILE AND GRID TO REMAIN AT THIS LOCATION.
- EXISTING GYPSUM BOARD CEILING TO REMAIN AT THIS LOCATION.
- REMOVE RESILIENT WALL BASE AT THIS LOCATION. PREPARE SURFACE TO RECEIVE NEW FINISH.
- DEMOLISH WALL COVERING/ WALL CARPETING AT THIS LOCATION. UNLESS NOTED OTHERWISE, PREPARE SURFACE TO RECEIVE NEW FINISH.
- EXISTING WOOD BASE TO REMAIN AT THIS LOCATION.
- REMOVE AND SALVAGE HANDRAIL FOR REINSTALLATION AT THE SAME LOCATION. EXISTING STAGE WALL FINISHES TO REMAIN, UNLESS NOTED OTHERWISE.
- INDICATES EXISTING AUDIENCE OF FIXED SEATING TO BE REMOVED (G11+APPROX. 920, G104+APPROX. 121, G105+APPROX. 121) AND AREA PREPARED TO RECEIVE NEW REPLACEMENT SEATING. REFER TO FINISH DRAWINGS AND SPECIFICATIONS FOR MORE INFORMATION.
- REMOVE ALL EXISTING FIXED SEATS (APPROX. 222) IN THIS ROOM. PATCH AND REPAIR CONCRETE AS REQUIRED.
- REMOVE ALL WOOD BASE ALONG THIS RUN AND SALVAGE FOR REUSE.
- DEMOLISH PORTION OF WALL CARPETING AT THIS LOCATION.
- NO WORK IN THIS ROOM/AREA.
- EXISTING WOOD CAP AND/OR VERTICAL WOOD END CAP(S) TO REMAIN. PREPARE TO RECEIVE NEW FINISH. REFER TO FINISH DRAWINGS FOR MORE INFORMATION.
- EXISTING RAILINGS TO REMAIN, UNLESS NOTED OTHERWISE.
- REMOVE DAMAGED WOOD PLANKS ONLY. PREPARE FOR SURFACE UPDATE.
- EXISTING WALL CARPETING TO REMAIN AT THIS LOCATION, UNLESS NOTED OTHERWISE.
- DEMOLISH VERTICAL WOOD TRIM AT THIS LOCATION.

**DEMOLITION STAGE RIGGING AND CURTAIN NOTES**

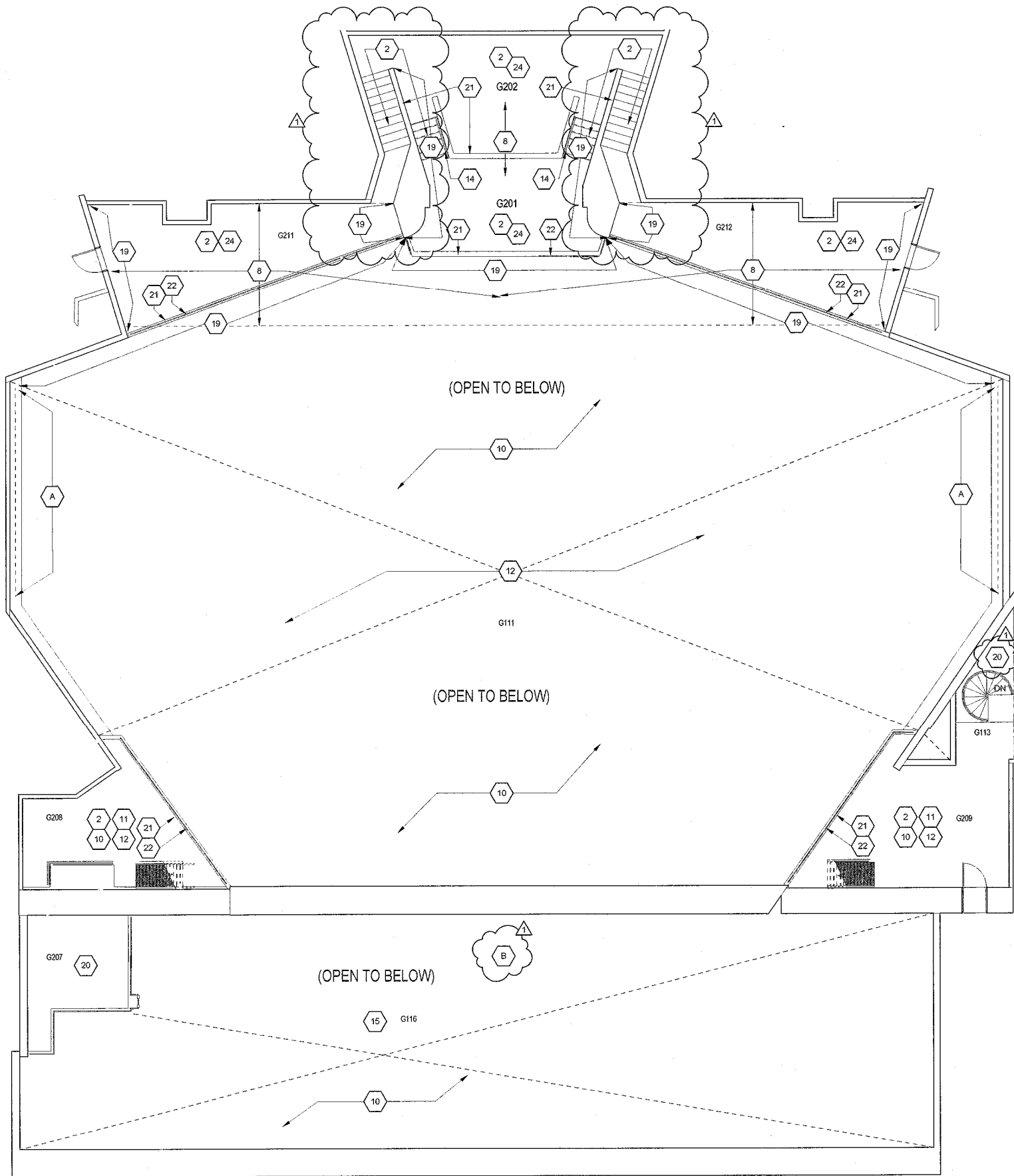
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- REMOVE COMPLETE SIDE WALL ATTENUATING CURTAINS AND TURN OVER TO OWNER. EXISTING TRACKS AND MOTORS TO REMAIN. SEE SPECIFICATIONS FOR MORE INFORMATION.
- REMOVE EXISTING STAGE CURTAINS AND TURN OVER TO OWNER. SEE SPECIFICATIONS FOR EXTENTS AND ADDITIONAL INFORMATION.

**VERIFICATION NOTE**

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

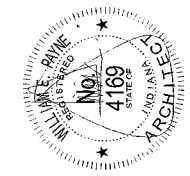
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



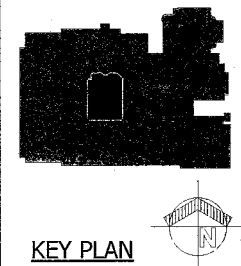
**LOWER AND UPPER BOOTH & SECOND FLOOR DEMOLITION PLAN - UNIT G**

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

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**OF LAWRENCE TOWNSHIP**  
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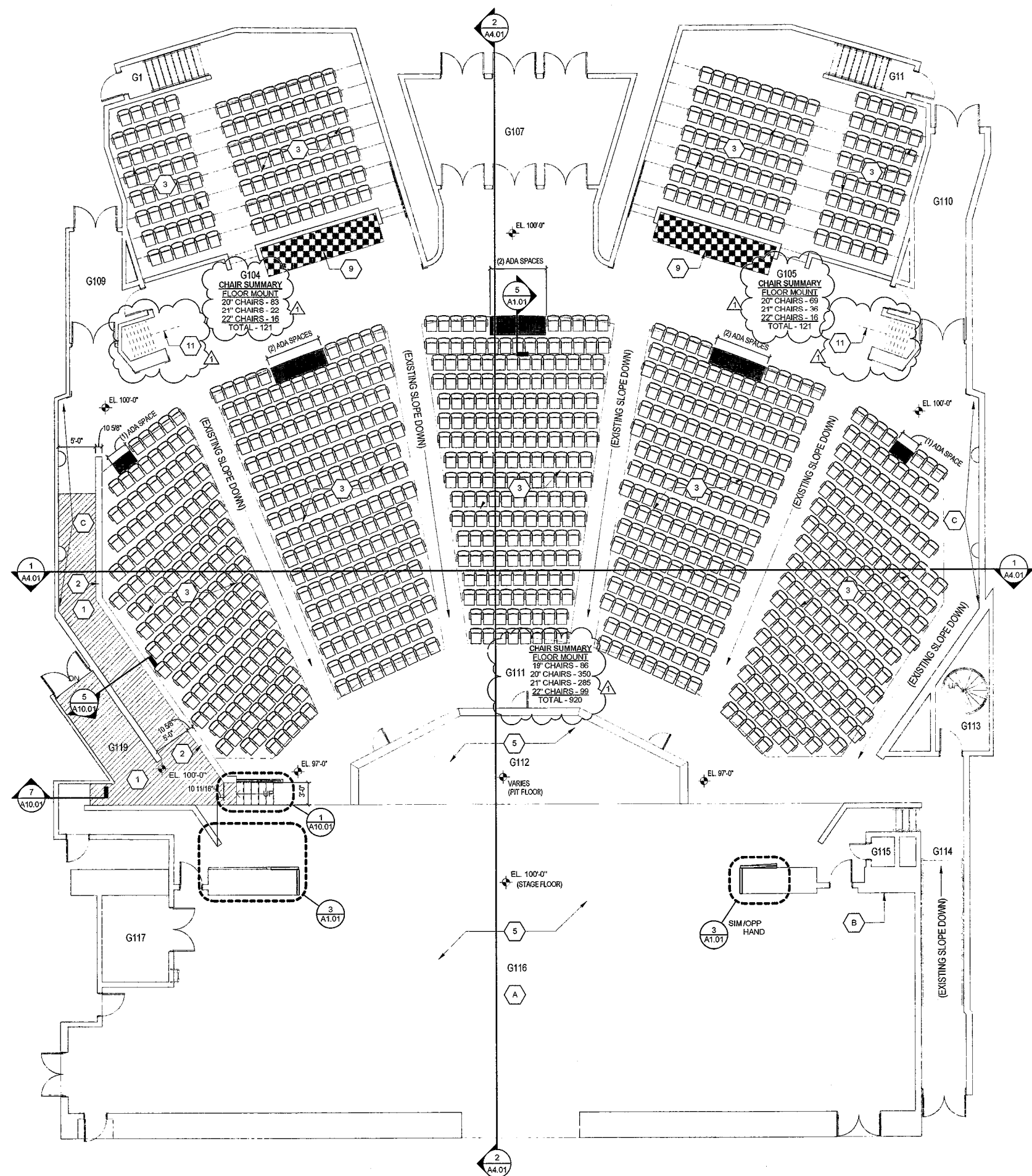


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UPPER LEVELS DEMOLITION PLAN - UNIT G	
CONTRACT NO.: 216107.00	DATE: 03.20.17
DRAWN BY: BH	CHECKED BY: LB
REV	DESCRIPTION
1	ADDITIONAL
<b>AD0.02</b>	

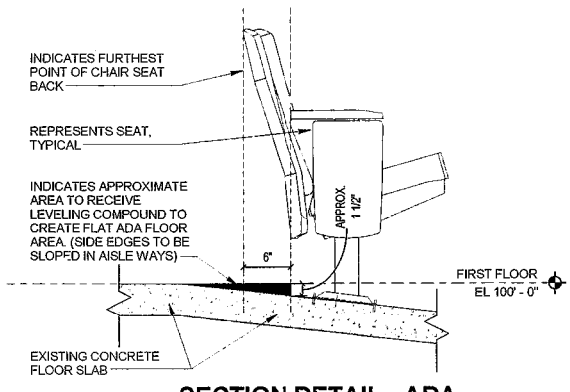
LAWRENCE CENTRAL HIGH SCHOOL  
216107.00





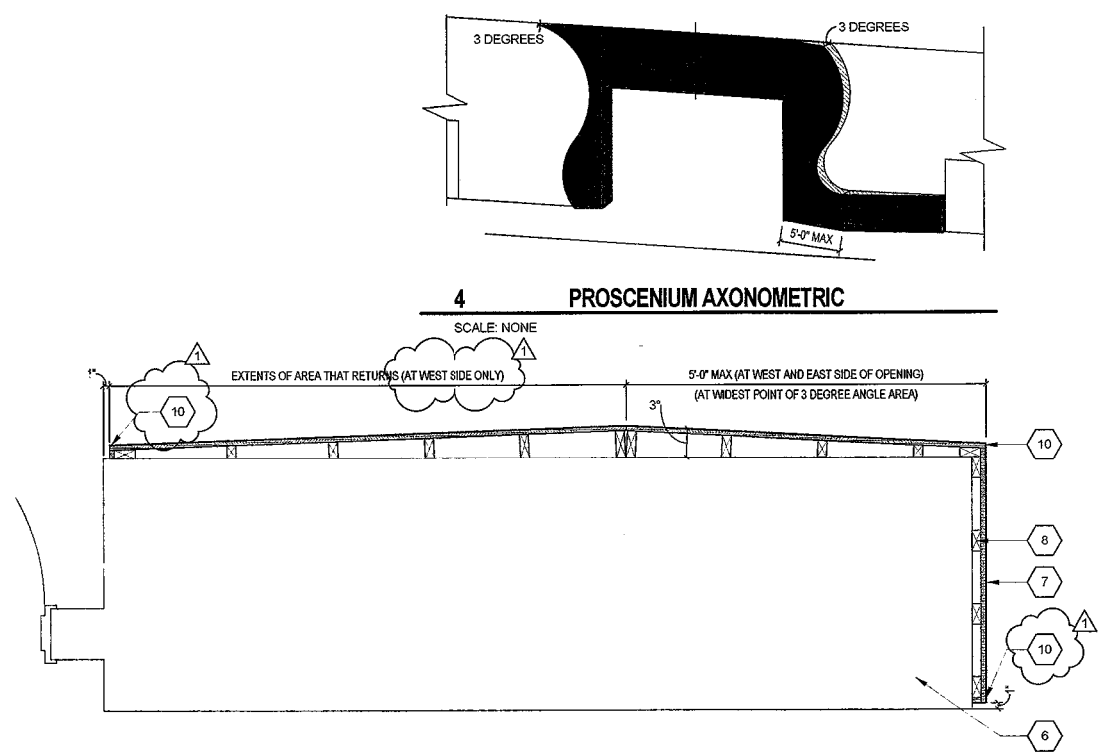
**FIRST FLOOR ARCHITECTURAL PLAN - UNIT G**

2  
SCALE: 1/8" = 1'-0"



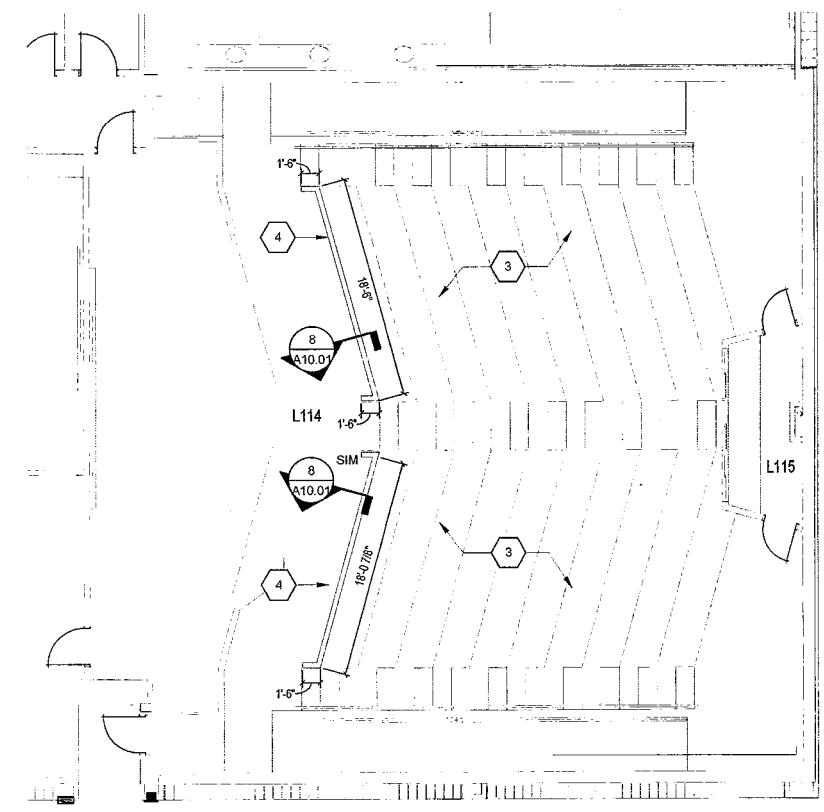
**SECTION DETAIL - ADA PLATFORM, TYPICAL**

5  
SCALE: 1" = 1'-0"



**PROSCENIUM JAMB DETAIL**

3  
SCALE: 3/4" = 1'-0"



**FIRST FLOOR ARCHITECTURAL PLAN - UNIT L**

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

ROOM NO.	ROOM NAME
G1	STAIR
G11	STAIR
G104	LECTURE
G105	LECTURE
G107	VOMITORY
G109	VOMITORY
G110	VOMITORY
G111	AUDITORIUM
G112	ORCHESTRA LIFT/PT
G113	CATWALK ACCESS
G114	CORRIDOR
G115	STORAGE
G116	STAGE
G117	PIANO STORAGE
G118	PASSAGE

ROOM NO.	ROOM NAME
L114	GROUP INSTRUCTION
L115	CONTROLS

- ARCHITECTURAL PLAN GENERAL NOTES**
- ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
  - WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
  - THE PROJECT IS 100'-0".
  - ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, OR FINISH FACE OF GIBS AT METAL STUD WALLS, UNLESS NOTED OTHERWISE.
  - HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
  - SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES, IF REQUIRED.
  - REFER TO ROOM FINISH SCHEDULE FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS AND TRANSITIONS.
  - ALTERNATE - STAGE FLOOR: CONTRACTOR TO PROVIDE PRICE FOR DEMOLISHING EXISTING STAGE FINISH WOOD FLOOR, REPAIR/REPLACE AND MAKE FLUSH EXISTING SUB FLOOR, AND PROVIDE ENTIRE SECOND LAYER SUB FLOOR WITH NEW LAMINATE SHEET GOOD ON TOP AS NEW FINISH FLOOR. REFER TO FINISH DRAWINGS FOR MORE INFORMATION ON FINISH MATERIAL.
  - PROVIDE SEAT REPLACEMENT IN AUDITORIUM G111 AND LECTURE(S) G104 & G105, (NO SEAT REPLACEMENT IN GROUP INSTRUCTION L114). CONTRACTOR/CONSULTANT TO PROVIDE SHOP DRAWINGS OF SEATING LAYOUT WITH APPROPRIATE CLEARANCES AND ADA ACCESS TO BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION. REFER TO FINISH DRAWINGS AND SPECIFICATIONS FOR MORE INFORMATION. COORDINATE EXTENTS OF NEW ADA LEVEL FLOORING AREA WITH SEATING SHOP DRAWINGS.

- ARCHITECTURAL PLAN NOTES**
- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- INDICATES EXTENTS OF NEW 4" CONCRETE SLAB WITH W/F REINFORCING (AT EXISTING SLAB). PROVIDE 4" DIA. HOLES THRU SLAB AT 4'-0" O.C. PROVIDE DRAINAGE FILL (WASHED, NARROWLY GRADED MIXTURE OF COARSE OR UNCRUSHED GRAVEL, ASTM D448, ABOVE). NEW CONCRETE SLAB INFILL SHALL BE DOWELED INTO SURROUNDING SLAB/REINFORCING WITH #4 REBAR AT 6" O.C., UNLESS NOTED OTHERWISE.
  - PARTIAL HEIGHT WALL WITH WOOD CAP. REFER TO SECTION DETAIL (88A10.01) FOR WALL CONSTRUCTION.
  - PATCH, REPAIR, AND SEAL ENTIRE EXPOSED CONCRETE AREA WHERE PREVIOUS SEATS WERE ANCHORED/LOCATED. REFER TO FINISH DRAWINGS AND SPECIFICATIONS FOR MORE INFORMATION.
  - PARTIAL HEIGHT WALL AND CORRESPONDING WING WALLS WITH WOOD CAP CENTERED BETWEEN SIDE AND CENTER AISLE STAIR TREADS. REFER TO SECTION DETAIL (88A10.01) FOR WALL CONSTRUCTION.
  - PATCH AS NEEDED WITH LIKE WOOD AND/OR REPAIR EXISTING WOOD FLOOR, SAND, AND PAINT. REFER TO FINISH DRAWINGS AND SPECIFICATIONS FOR MORE INFORMATION.
  - EXISTING PROSCENIUM SIDE WALL.
  - PLASTIC LAMINATE PANELS ON 2X BLOCKING AS INDICATED. REFER TO INTERIOR FINISH ELEVATIONS FOR EXTENTS AND SCHEDULE FOR MATERIAL SELECTION.
  - FIRE TREATED 2X BLOCKING AT 16" MAXIMUM SPACING. TYPICAL.
  - INDICATES AREA TO BE USED FOR ADA ACCESSIBLE SEATING IN LECTURE G104 AND G105.
  - EASE EDGES AT OUTSIDE CORNERS OF PROSCENIUM PLASTIC LAMINATE SURROUND, TYPICAL.
  - INDICATES OPERABLE PARTITION WALL.

- STAGE RIGGING AND CURTAIN NOTES**
- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- NEW STAGE CURTAINS AT THIS LOCATION. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
  - NEW FIRE CURTAIN RELEASE/OPERATING SYSTEM AT THIS APPROXIMATE LOCATION. REFER TO SPECIFICATIONS AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
  - SEE SPECIFICATIONS FOR SIDE WALL CURTAINS AND ASSOCIATED ALTERNATES ABOVE AT THIS LOCATION.

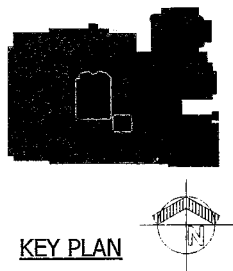
**VERIFICATION NOTE**

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



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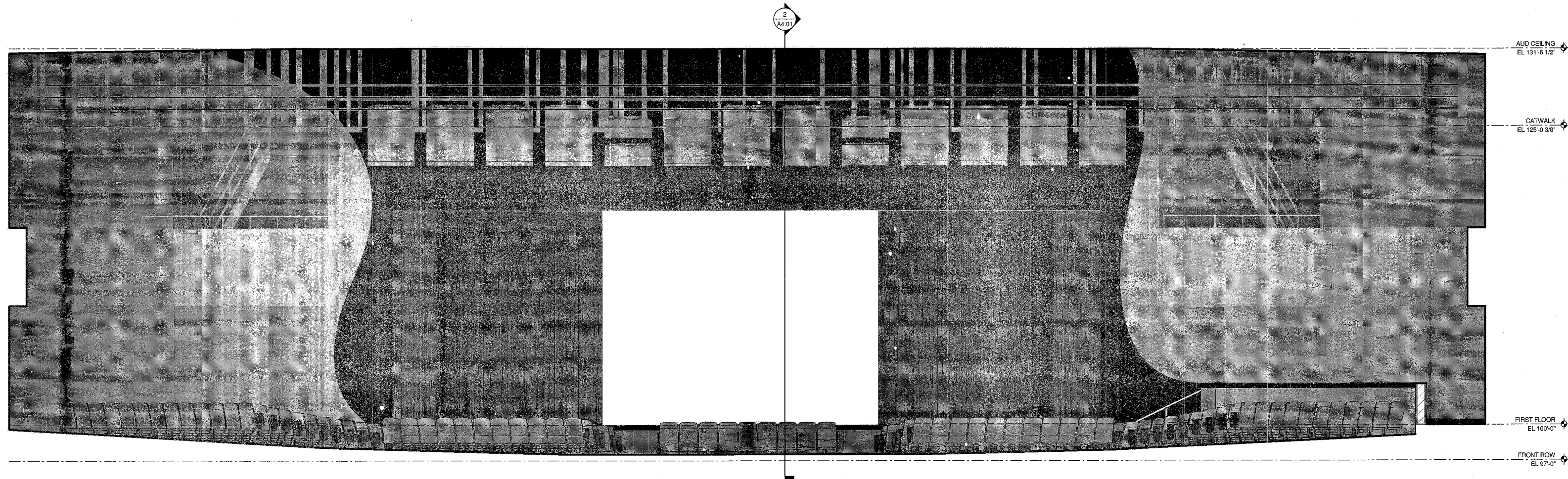


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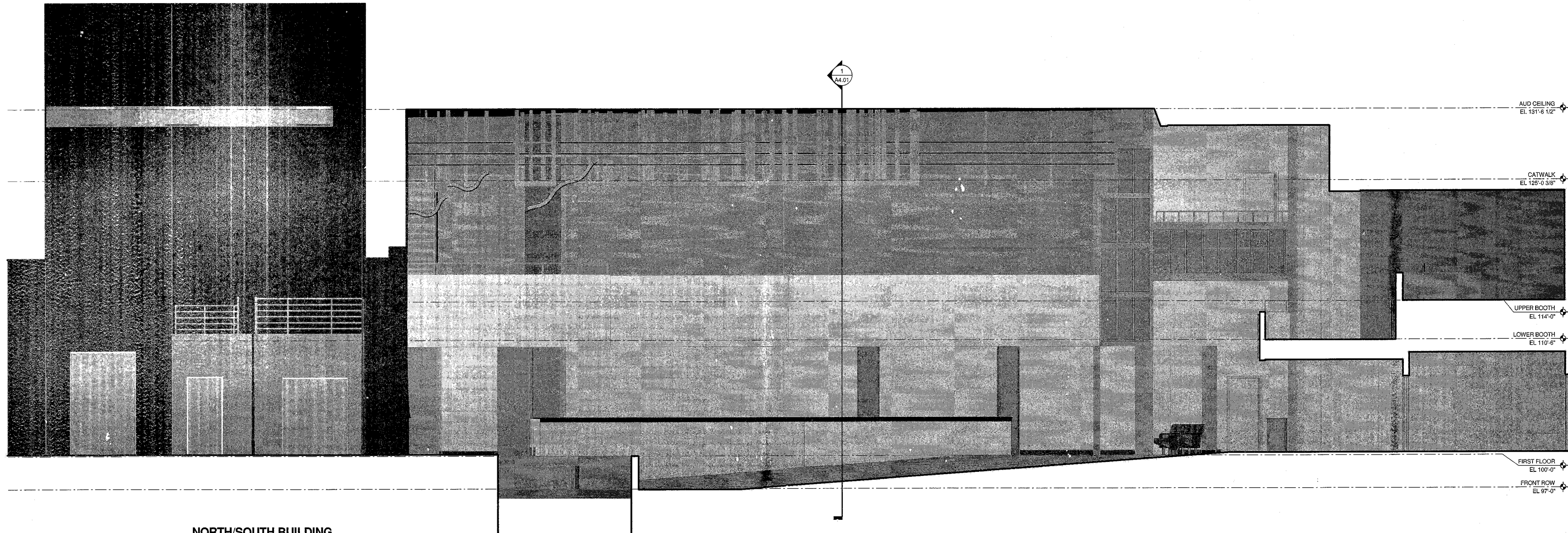
FIRST FLOOR ARCHITECTURAL PLANS - UNIT G & L AND DETAILS		DATE
DRAWN BY: RH	CONC. NO.: 216.07.00	DATE: 03.20.17
CHECKED BY: LB	ISSUE DATE: 03.20.17	
	REV. DESCRIPTION	DATE

**A1.01**



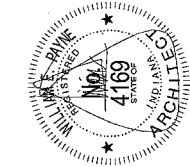


1 EAST/WEST BUILDING SECTION  
SCALE: 1/4" = 1'-0"



2 NORTH/SOUTH BUILDING SECTION  
SCALE: 1/4" = 1'-0"

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BUILDING SECTIONS	
DRAWN BY: BH	CONC. NO.: 216107.00
CHECKED BY: LB	ISSUE DATE: 03.20.17
REV DESCRIPTION DATE	
A4.01	

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16107.00

<b>MATERIAL AND FINISH GENERAL NOTES</b>	
A	PROVIDE PREFORMED RUBBER TRANSITION BETWEEN CARPET AND CONCRETE FLOOR. REFER TO DETAIL ON A8.03
B	PROVIDE PREFORMED RUBBER STAIR NOSING AT ALL STAIR TREADS. REFER TO DETAIL ON A8.03
C	INSTALL NEW SEALANT AT DOOR FRAMES AND ALL SEAM JOINTS THAT ARE NOT REPAIRED OR W/AV AFTER APPLYING NEW FINISHES. NEW SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONE POLYURETHANE, ASTM C-926, TYPE 1, NSF, NSF, CLEAR, UNO.
D	"X" INDICATES EXISTING FINISH TO REMAIN.
E	"O" INDICATES WOOD BASE, WOOD WALL CAPS, AND WOOD TRIM TO REMAIN, UNLESS NOTED OTHERWISE.
F	"C" INDICATES WOOD 1" X 4" TRIM PIECES WITH MITERED CORNERS FROM FLOOR LEVEL TO UNDERLAYER OF BULKHEAD OR WOOD TRIM TO REMAIN. WOOD TRIM FINISH IS TO BE STAIN TO MATCH 1-P1.
G	CATWALK AND EXISTING GUSSIAN ALUMINUM UNDECKING SURFACES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
H	NEW SPLINE AND GAUSSIAN CEILING CLOUDS ARE TO BE USED TO REFER TO THE FINISH SCHEDULE AND SPECIFICATIONS FOR MORE INFORMATION.

A. REFER TO A1 ARCHITECTURAL SERIES FOR ALL WALL MATERIAL TYPES.

B. FLOORING FINISH MATERIAL TRANSITIONS SHALL OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE NOTED. VARIATIONS IN FINISH MATERIALS SHALL NOT EXCEED 1/2" IN ELEVATION.

A. ALL EXISTING WOOD BASE IS TO REMAIN, UNLESS NOTED OTHERWISE.

B. PAINT ALL EXISTING WOOD BASE P-3.

C. INSTALL RUBBER BASE (RB) AT ALL LOCATIONS WHERE WOOD BASE DOES NOT EXIST, UNLESS NOTED OTHERWISE.

D. ALL WOOD WALL CAPS AND TRIM (EXCLUDING WOOD WALL) IS TO BE STAINED TO MATCH P-1.

E. PAINT ALL GYPSUM BOARD BULKHEADS P-1, UNLESS NOTED OTHERWISE.

F. PATCH AND REPAIR GYD CEILING AS NEEDED, PAINT TO MATCH EXISTING.

G. PAINT ALL INTERIOR DOORS AND FRAMES P-1, UNLESS OTHERWISE NOTED.

H. PAINT ALL GYPSUM BOARD WALLS INTERIOR PAINT TYPE 923 (SEMI GLOSS), UNLESS OTHERWISE NOTED.

I. PAINT ALL GYPSUM BOARD SOFFITS AND CEILINGS INTERIOR PAINT TYPE 921 (FLAT), UNLESS OTHERWISE NOTED.

J. PAINT CUR WALLS NON-INTERGALLY COLORED INTERIOR PAINT TYPE 4.14 (SEMI-GLOSS), UNLESS OTHERWISE NOTED.

ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- 1 PAINT INSIDE FACE OF PIT WALLS P-2 FROM FRONT ROOF LEVEL, AND UP.
- 2 PAINT DOORS P-2, REFER TO ELEVATION ON A1.03
- 3 ALTERNATE STAGE FLOOR IS TO BE LINCOLNUM LSP, IF ACCEPTED
- 4 EXISTING DOORS AND DOOR FRAMES ARE TO REMAIN, NO NEW FINISH.
- 5 PAINT WALL FROM FLOOR TO 18' A.F. TO MATCH EXISTING PAINT.
- 6 PAINT DOORS AND DOOR FRAMES P-2
- 7 EXISTING WOOD WALL CAP AND/OR TRIM TO BE STAINED TO MATCH PL-1 AT THIS LOCATION.
- 8 PROTECT EXISTING ADJOINING RAILINGS, IF PRESENT, DURING STAINING PROCESS.
- 9 PATCH, REPAIR AND REFINISH EXISTING WOOD STAGE FLOOR; PAINT FLAT BLACK.
- 10 NEW WOOD WALL CAP AND TRIM TO BE STAINED TO MATCH PL-1
- 11 EXISTING WALL CARPET TO REMAIN, UNLESS NOTED OTHERWISE.
- 12 RECONSTRUCT OPERABLE WALL WITH WWC-2 ON AUDITORIUM SIDE ONLY.
- 13 PROVIDE RUBBER BEE (R-B-1) WHERE THERE IS NO EXISTING WOOD WALL.
- 14 PAINT XGWB5 SOFFIT P-2 AT THIS LOCATION.
- 15 PAINT ALL GWB ON PARTIAL HEIGHT WALL P-1 AT THIS LOCATION.
- 16 EXISTING STAGE FLOORING TO BE STAINED TO MATCH PL-1 ALONG ENTIRE FRONT EDGE OF STAGE.
- 17 EXISTING WOOD WALL CAP AND/OR TRIM TO BE PAINTED P-1 AT THIS LOCATION. (PROTECT EXISTING ADJOINING RAILINGS, IF PRESENT, DURING PAINTING PROCESS)
- 18 PROVIDE NEW SEATING, REFER TO SPECIFICATIONS.

NOTE:

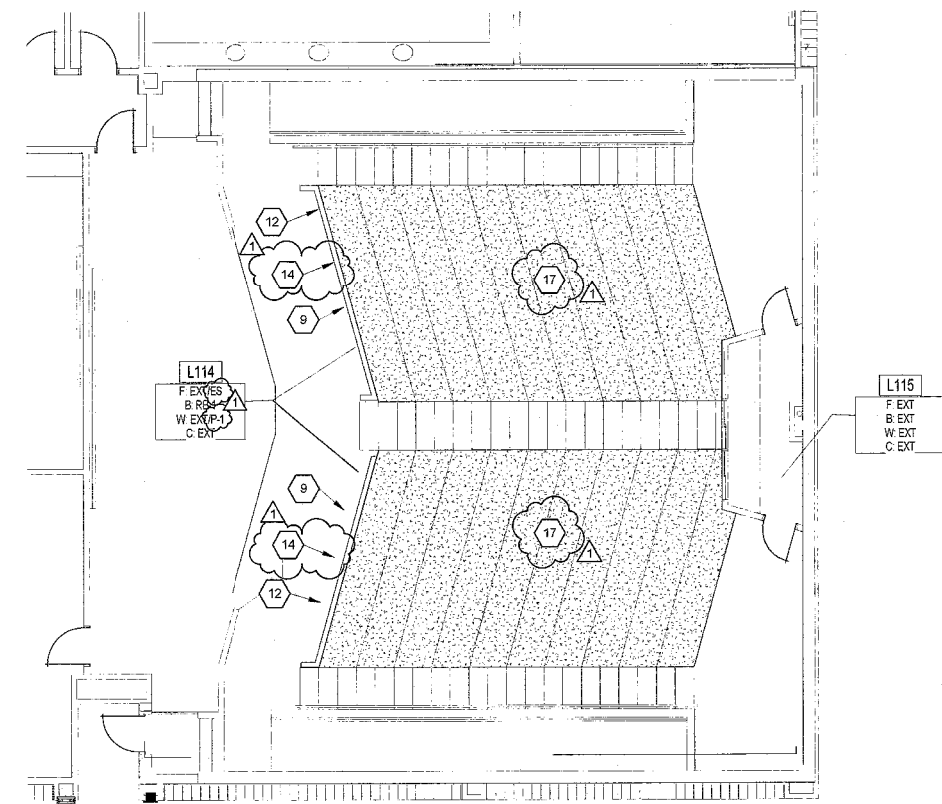
ES

STAGE

CAR-1

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



**2**

SCALE: 1"=100'

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

ROOM LEGEND - UPPER LEVELS UNIT G	
ROOM NO.	ROOM NAME
G201	LOWER BOOTH
G202	UPPER BOOTH
G207	MEZZANINE
G208	WEST SPOTLIGHT
G209	EAST SPOTLIGHT
G211	WEST GALLERY
G212	EAST GALLERY

- MATERIAL AND FINISH GENERAL NOTES**
- PROVIDE PREFORMED RUBBER TRANSITION BETWEEN CARPET AND CONCRETE FLOOR. REFER TO DETAIL ON A8.03.
  - PROVIDE PREFORMED RUBBER STAIR NOSING AT ALL STAIR TREADS. REFER TO DETAIL ON A8.03.
  - PROVIDE NEW SEALANT AT DOOR FRAMES AND ALL SEALANT JOINTS THAT ADJUT NEW PAINT AND WVC. AFTER APPLYING NEW FINISHES, NEW SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONIZED ACRYLIC LATEX, ASTM C 834, TYPE OF, GRADE NF, CLEAR, U.N.O.
  - "X" INDICATES EXISTING FINISH TO REMAIN.
  - ALL EXISTING WOOD BASE, WOOD WALL CAPS, AND WOOD TRIM TO REMAIN, UNLESS NOTED OTHERWISE.
  - "O" INDICATES WOOD 1" X 4" TRIM PIECES WITH MITERED CORNERS FROM FLOOR LEVEL TO UNDERSIDE OF BULKHEAD AT EACH LOCATION. WOOD TRIM FINISH IS TO BE STAIN TO MATCH PL-1.
  - CATWALK AND EXISTING GYPSUM AUDITORIUM CEILING FINISHES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
  - NEW SPLINE AND GAUSSIAN CEILING CLOUDS ARE TO BE PL-2. REFER TO REFLECTED CEILING PLAN AND SPECIFICATIONS FOR MORE INFORMATION.

- FLOOR FINISH GENERAL NOTES**
- REFER TO A1 ARCHITECTURAL SERIES FOR ALL WALL MATERIAL TYPES.
  - FLOORING FINISH MATERIAL TRANSITIONS SHALL OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE NOTED. VARIATIONS IN FINISH MATERIALS SHALL NOT EXCEED 1/2" IN ELEVATION.

- WALL FINISH/PAINT GENERAL NOTES**
- ALL EXISTING WOOD BASE IS TO REMAIN, UNLESS NOTED OTHERWISE.
  - PAINT ALL EXISTING WOOD BASE P-3.
  - INSTALL RUBBER BASE (RB) AT ALL LOCATIONS WHERE WOOD BASE DOES NOT EXIST, UNLESS NOTED OTHERWISE.
  - ALL WOOD WALL CAPS AND TRIM EXCLUDING WOOD BASE IS TO BE STAINED TO MATCH PL-1.
  - PAINT ALL GWB SOFFITS AND BULKHEADS P-1, UNLESS NOTED OTHERWISE.
  - PATCH AND REPAIR GWB CEILING AS NEEDED, PAINT TO MATCH EXISTING.
  - PAINT ALL INTERIOR DOORS AND FRAMES P-1, UNLESS OTHERWISE NOTED.
  - PAINT ALL GYPSUM BOARD WALLS INTERIOR PAINT TYPE 9.23 (SEMI GLOSS), UNLESS OTHERWISE NOTED.
  - PAINT ALL GYPSUM BOARD SOFFITS AND CEILING INTERIOR PAINT TYPE 9.21 (FLAT), UNLESS OTHERWISE NOTED.
  - PAINT ALL CMU WALLS (NON-INTERGRALLY COLORED) INTERIOR PAINT TYPE 4.14 (SEMI-GLOSS), UNLESS OTHERWISE NOTED.

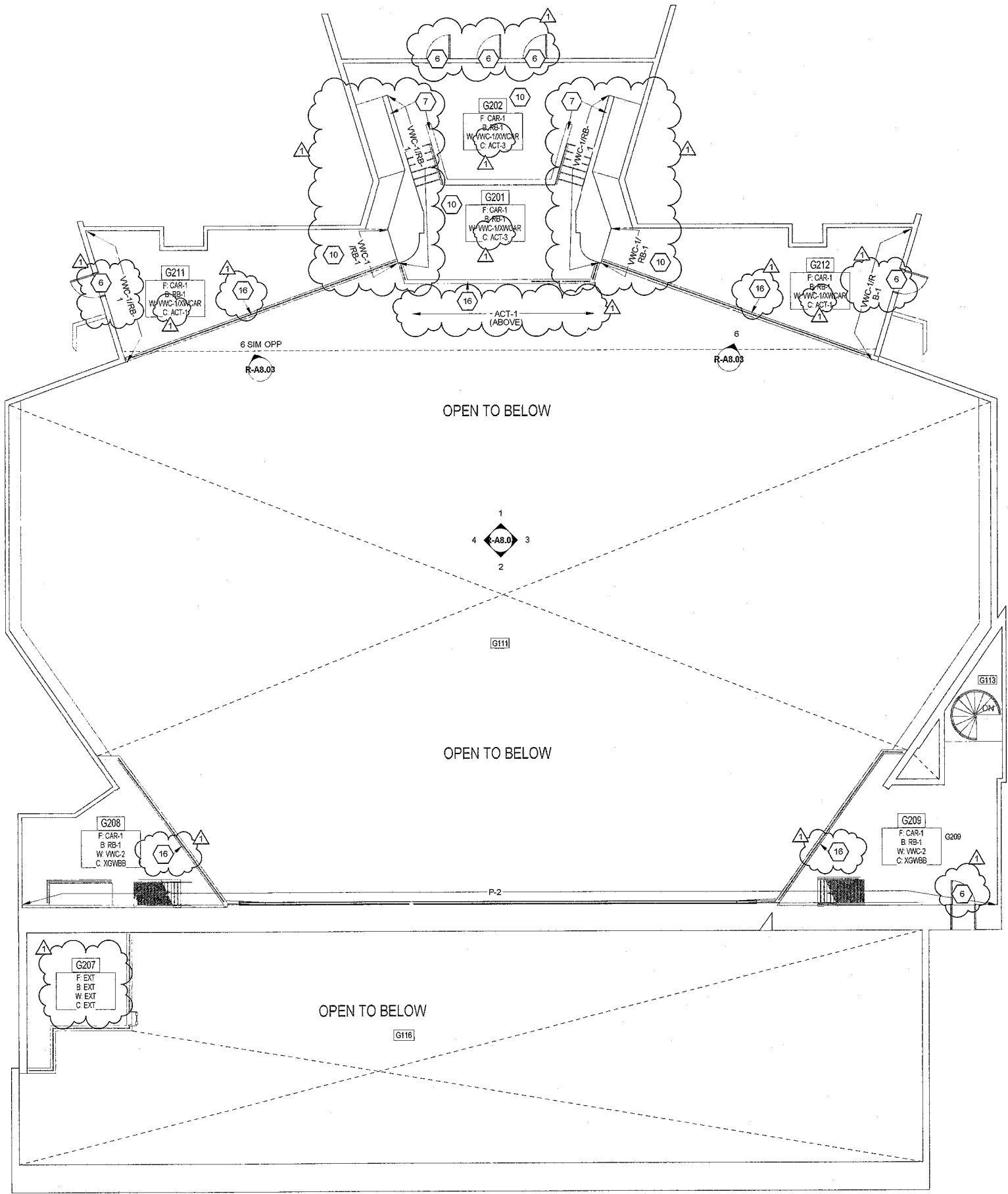
- FINISH KEY NOTES**
- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- PAINT INSIDE FACE OF PIT WALLS P-2 FROM FRONT ROW LEVEL AND UP.
  - PAINT DOORS P-2; REFER TO ELEVATION ON A8.03.
  - ALTERNATE: STAGE FLOOR IS TO BE UNCLEUM LSF-1, IF ACCEPTED.
  - EXISTING DOORS AND DOOR FRAMES ARE TO REMAIN, NO NEW FINISH.
  - PAINT WALL FROM FLOOR TO 16' A.F.F. TO MATCH EXISTING PAINT.
  - PAINT DOORS AND DOOR FRAMES P-2.
  - EXISTING WOOD WALL CAP AND/OR TRIM TO BE STAINED TO MATCH PL-1 AT THIS LOCATION. (PROTECT EXISTING ADJOINING RAILINGS, IF PRESENT, DURING STAINING PROCESS).
  - PATCH, REPAIR AND REFINISH EXISTING WOOD STAGE FLOOR; PAINT FLAT BLACK.
  - NEW WOOD WALL CAP AND TRIM TO BE STAINED TO MATCH PL-1.
  - EXISTING WALL CARPET TO REMAIN, UNLESS NOTED OTHERWISE.
  - RECOVER EXISTING OPERABLE WALL WITH WVC-2 ON AUDITORIUM SIDE ONLY.
  - PROVIDE RUBBER BASE (RB-1) WHERE THERE IS NO EXISTING WOOD BASE.
  - PAINT XGWB SOFFIT P-2 AT THIS LOCATION.
  - PAINT ALL GWB ON PARTIAL HEIGHT WALL P-1 AT THIS LOCATION.
  - EXISTING STAGE NOSING TO BE STAINED TO MATCH PL-1 ALONG ENTIRE FRONT EDGE OF STAGE.
  - EXISTING WOOD WALL CAP AND/OR TRIM TO BE PAINTED P-1 AT THIS LOCATION. (PROTECT EXISTING ADJOINING RAILINGS, IF PRESENT, DURING PAINTING PROCESS).
  - PROVIDE NEW SEATING; REFER TO SPECIFICATIONS.

- FLOOR PATTERN LEGEND - REFER TO A8S.01**
- NOTE
- ES
  - STAGE
  - CAR-1

**VERIFICATION NOTE**

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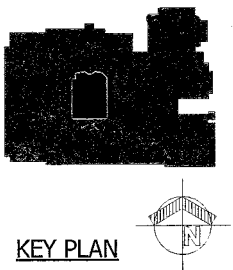
**LOWER/UPPER BOOTH & SECOND FLOOR FINISH PLAN - UNIT G**

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

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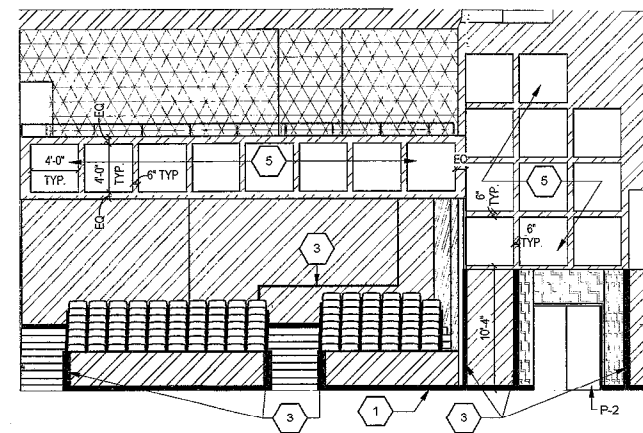


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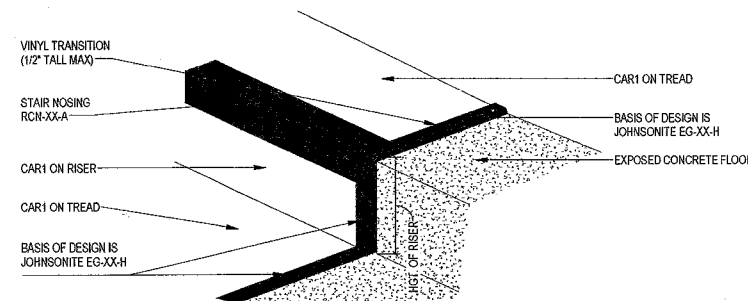
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UPPER LEVELS FINISH PLAN	
CONTRACT NO.	216107.00
ISSUE DATE	03.26.17
DRAWN BY:	AK
CHECKED BY:	LS
DATE	04.03.17
DESCRIPTION	1. ADDITION
<b>A8.02</b>	
LAWRENCE CENTRAL HIGH SCHOOL 216107.00	

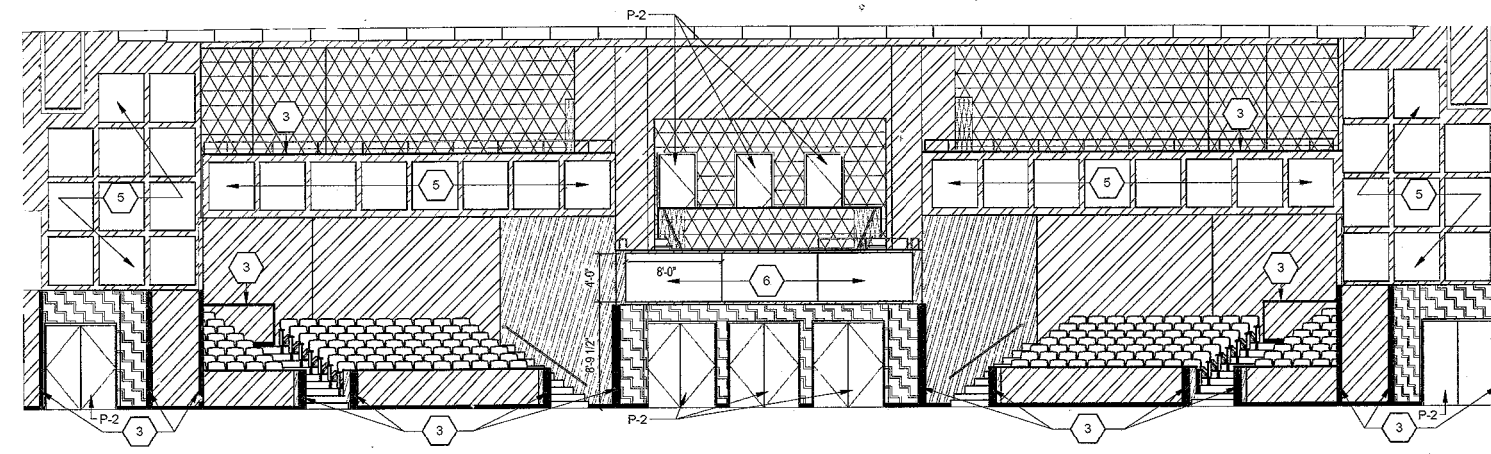


6 ELEVATION - NORTHEAST



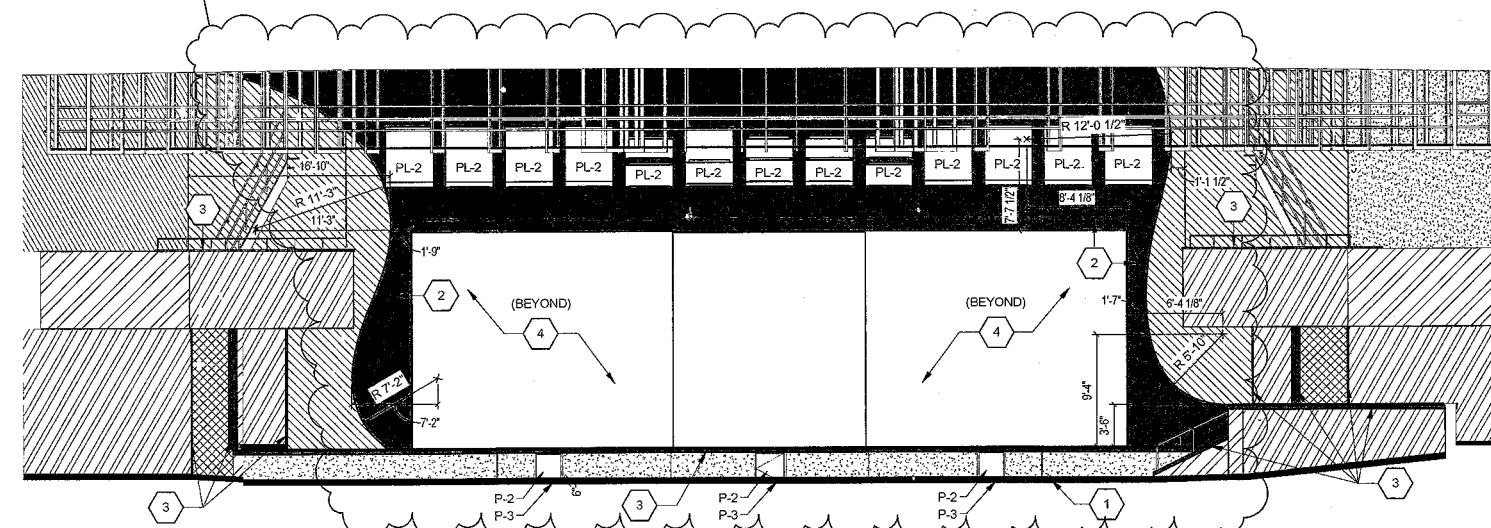
5 LECTURE HALL STAIR DETAIL

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



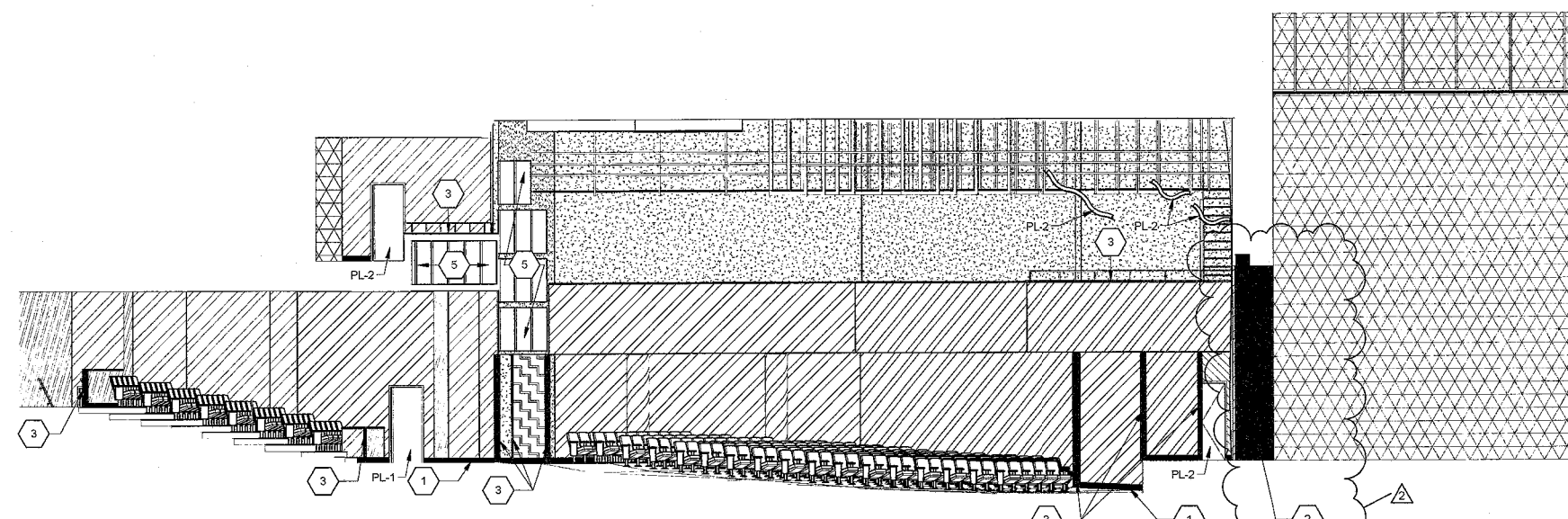
1 ELEVATION - NORTH

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



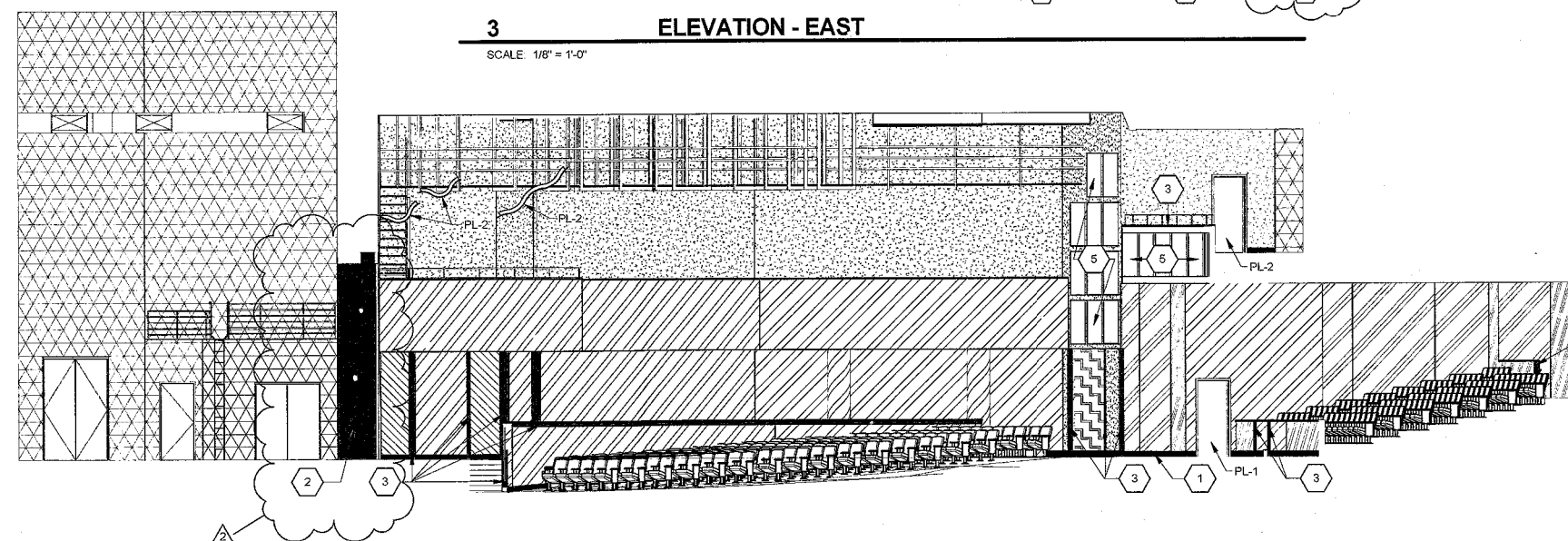
2 ELEVATION - SOUTH

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



3 ELEVATION - EAST

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



4 ELEVATION - WEST

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

# INTERIOR ELEVATION NOTES (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

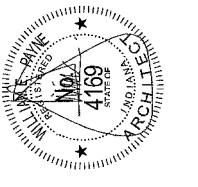
1. EXISTING WOOD BASE.
2. PROVIDE PLASTIC LAMINATE MILLWORK, REFER TO DETAIL 301.01.
3. WOOD WALL CAP AND/OR TRIM (CG) (PROTECT ADJOINING RAILINGS AS NECESSARY DURING STAINING/PAINING PROCESS).
4. PAINT BACK WALL TO MATCH EXISTING.
5. PROVIDE 4'-0" X 4'-0" ACOUSTICAL WALL TREATMENT PANELS, AWT-1.
6. PROVIDE 4'-0" X 6'-0" TUNED ABSORBER/DIFFUSER PANELS, AWT-2.

## WALL FINISH LEGEND

NOTE:

	WWC-1		P-2
	WWC-2		PL-1
	WWC-3		EXISTING TO REMAIN
	WWC-4		P-3/RB-1

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## INTERIOR ELEVATIONS

DRAWN BY: AEX  
CHECKED BY: LS  
CONTRACT NO.: 216107.00  
ISSUE DATE: 03.20.17

REV DESCRIPTION DATE

1 AUGUST 06.11.17

**R-A8.03**

## VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

LAWRENCE CENTRAL HIGH SCHOOL  
216107.00



LIST OF FINISHES

REFER TO A8 ARCH. DWG. SHEETS

FLOOR MATERIALS

REFER TO A8 ARCH. DWG. SHEETS

CARPET

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CAR-1	TANDUS - "STACK 9"	79003 BLACK ALUMINUM

ALTERNATE STAGE FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
LSF-1	TBD	TBD

RESILIENT STAIR ACCESSORIES

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RSN-1	JOHNSONITE "CON XX 8"	48 GREY

BASE MATERIALS

REFER TO A8 ARCH. DWG. SHEETS

RESILIENT BASE

COVE BASE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RB-1	JOHNSONITE NORA ROUNDEL	48 GREY MATCH JOHNSONITE MATCH JOHNSONITE

WALL FINISHES

REFER TO A8 ARCH. DWG. SHEETS

PAINT

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
P-1	SHERWIN WILLIAMS	SW7022 KNOTTING NEEDLES
P-2	SHERWIN WILLIAMS	SW7069 SUMMIT GRAY
P-3	SHERWIN WILLIAMS	SW7068 GRIZZLE GRAY

VINYL WALLCOVERING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
VWC-1	D.L. COUCH - YORK STACY GARCIA "HIVE"	S326-45
VWC-2	D.L. COUCH - "SYMPHONY PULSE"	A25294 PLUTE
VWC-3	ECO-ART "TRULLO"	24-TP-ALLO 06 SUNMETAL GREY
VWC-4	ECO-ART "TRULLO"	24-16 SILVER POINT

ACOUSTICAL FINISHES

REFER TO A8 ARCH. DWG. SHEETS

ACOUSTICAL WALL TREATMENT

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
AWT-1	GULFORD OF MASS "FR701 2100"	785 FLANNEL

TUNED ABSORBER/DIFFUSER PANEL

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
TAD-1	KINETICS	FR701 2100 - 785 FLANNEL

MISCELLANEOUS FINISHES

REFER TO A8 ARCH. DWG. SHEETS

INTERIOR WOOD DOORS/ INTERIOR WOOD TRIM

- STAIN ALL WOOD WALL CAPS AND WOOD TRIM TO MATCH PL-2.
- PAINT ALL WOOD BASES P-3.
- WOOD SPECIES TO BE PLAIN BLUED WHITE MAPLE.
- PROVIDE WOOD STAIN SAMPLES FOR VERIFICATION.

AUDITORIUM SEATING

BASIS OF DESIGN REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION  
MANUFACTURER: IRWIN SEATING  
CHAIR STYLE: CITATION  
MOULDED PLASTIC BACK: CADET GREY  
UPHOLSTERY: ABSOLON WALLS / SHIRE / BLACK MARBLE  
LAMINATE END PANELS: BLACK FRAME WITH WRO24T PALAZZO LAMINATE INFILL  
LAMINATE SURFACED ARMREST: BLACK  
ROW AND SEAT DESIGNATION PLATES: ALUMINUM

PLASTIC LAMINATE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PL-1	NEWMAR	WRO24T PALAZZO

ACOUSTICAL CURTAIN

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
TSE-1	JB MARTIN VELVET	7487 MEDOC

CEILING FINISHES

REFER TO A8 ARCH. DWG. SHEETS

ACOUSTICAL CEILING TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ACT-1	ARMSTRONG - PAINTED NUBBY SQUARE LAY-IN #3103	WHITE (24"X48"X1" 96 HRC)
ACT-2	ARMSTRONG - SCHOOL ZONE FINE FISSURED SQUARE LAY-IN #1714	WHITE (24"X48"X3/4")
ACT-3	ARMSTRONG - PAINTED NUBBY SQUARE LAY-IN #3102	WHITE (24"X24"X1")

MATERIAL & FINISH GENERAL NOTES

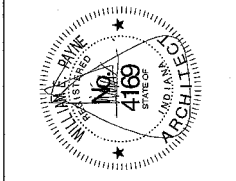
- A. REFER TO FINISH A8 SERIES FINISH PLANS FOR MATERIALS, PATTERNS, AND COLORS.  
B. ALONG EDGE OF FINISHED FLOOR MATERIAL WITH EDGE OF WALL.  
C. (RB) RUBBER BASE AT ALL WALL LOCATIONS WHERE NO EXISTING WOOD BASE EXISTS. ALL RB TO BE RB-1.  
D. PROVIDE RSN-1 ON ALL STAIRS.  
E. FLOOR FINISH MATERIAL TRANSITIONS SHALL OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE NOTED WHERE FLOORING MATERIAL CHANGES FROM ROOM TO ROOM.  
F. COVER ALL WALLS WITH WALL COVERING UNLESS OTHERWISE NOTED.  
G. PROVIDE PREFORMED RUBBER TAPNITION BETWEEN CARPET AND CONCRETE FLOOR.  
H. PROVIDE PREFORMED BASE TO MATCH 1" RADIUS AT ALL LOCATIONS WHERE BASE COVERS MASONRY BULLNOSE. REFER TO FINISH SCHEDULE FOR BASE MATERIAL TYPE. TYPICAL AT ALL LOCATIONS.  
I. PROVIDE PREFORMED RUBBER STAIR NOSING AT ALL STAIR TREAD; REFER TO DETAIL ON A8.03.  
J. PROVIDE NEW SEALANT AT DOOR FRAMES AND ALL SEALANT JOINTS THAT ABOUT NEW PAINT AND VWC BEFORE APPLYING NEW FINISHES. NEW SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONEZED ACRYLIC LATEX, ASTM C 834, TYPE OF, GRADE NF, CLEAR, U.N.O.  
K. "X" INDICATED EXISTING FINISH TO REMAIN.  
L. ALL EXISTING WOOD BASE, WOOD WALL CAPS, AND WOOD TRIM TO REMAIN.  
M. ALL EXISTING WOOD BASE IS TO REMAIN AND BE PAINTED P-3 AT ALL LOCATIONS WHERE WOOD BASE DOES NOT EXISTING, INSTALL RUBBER BASE (RB) UNLESS OTHERWISE NOTED.  
N. NEW SPRING AND GRASSHOPPER CEILING CLOUDS ARE TO BE PL-1. REFER TO ACOUSTIC DRAWINGS FOR DETAILS.  
O. UNDER SECTION 090103 INTERIOR PAINTING, PAINT EXPOSED PIPES, DUCTWORK, BREACHING, CONDUIT, INSULATED PIPES, CONDUIT HANGERS, SUPPORTS, BRACING, ETC. WHICH OCCURS IN SPACES DESIGNATED TO BE PAINTED P-3.  
P. PAINT ALL GWS SCOFFITS P-1, UNLESS OTHERWISE NOTED ON INTERIOR ELEVATIONS OR REFLECTED CEILING PLANS.  
Q. PAINT ALL SIDES (VERT. AND HORIZ.) OF SCOFFIT INDICATED COLOR, UNLESS OTHERWISE NOTED.  
R. PAINT ALL INTERIOR HOLLOW METAL DOORS AND FRAMES P-1, UNLESS OTHERWISE NOTED.  
S. PAINT ALL EXPOSED INTERIOR STEEL COLUMNS TO MATCH ADJACENT WALL COLOR, UNLESS OTHERWISE NOTED.  
T. PAINT ALL GYPSUM BOARD WALLS INTERIOR PAINT TYPE #9.22 (SEMI-GLOSS), UNLESS OTHERWISE NOTED.  
U. PAINT ALL GYPSUM BOARD SCOFFITS AND CEILINGS INTERIOR PAINT TYPE #9.21 (FLAT), UNLESS OTHERWISE NOTED.  
V. PAINT ALL CMU WALLS (NON-INTERIORLY COLORED) INTERIOR PAINT TYPE #1.14 (SEMI-GLOSS), UNLESS OTHERWISE NOTED.  
W. PAINT ALL GALVANIZED METAL EXCLUDING STRUCTURE INTERIOR PAINT TYPE #5.32.  
X. PAINT ALL EXPOSED STRUCTURE INTERIOR PAINT TYPE #1.11.

PAINT COLOR GENERAL NOTES

- A. PAINT ALL EXPOSED STEEL ON STAIRS, RAILS, AND STRINGERS P-3.  
B. PAINT ALL GWS SCOFFITS P-1 UNLESS OTHERWISE NOTED ON FINISH PLANS OR INTERIOR ELEVATIONS.  
C. PAINT ALL SIDES (HORIZ. AND VERT.) OF SCOFFIT INDICATED COLOR, UNLESS OTHERWISE NOTED.  
D. ALL INTERIOR HOLLOW METAL FRAMES AND DOOR FRAMES TO BE PAINTED P-1 UNLESS OTHERWISE NOTED.  
E. STAIN ALL EXISTING WOOD TRIM AND WALL CAPS TO MATCH PL-1.  
F. PAINT ALL EXISTING WOOD BASES P-3.

PAINT TYPE GENERAL NOTES

- A. UNDER SECTION 090103 - INTERIOR PAINTING, PAINT EXPOSED PIPES, DUCTWORK, BREACHING, CONDUIT, INSULATED PIPES, CONDUIT HANGERS, SUPPORTS, BRACING, ETC., WHICH OCCURS IN SPACES DESIGNATED TO BE PAINTED IN PART OR WHOLE.  
B. PAINTING AND FINISHING OF EXTERIOR SURFACES AS DESIGNATED. DETAILS SHALL BE UNDER THE WORK SECTION 090110 - EXTERIOR PAINTING.  
C. ALL GYPSUM BOARD WALLS SHALL BE PAINTED WITH INTERIOR PAINT TYPE #9.22 (SEMI-GLOSS) UNLESS OTHERWISE NOTED.  
D. ALL GYPSUM BOARD CEILINGS AND SCOFFITS SHALL BE PAINTED WITH PAINT TYPE #9.21 (FLAT) UNLESS OTHERWISE NOTED.  
E. PAINT ALL NON-INTERIORLY COLORED CMU WALLS WITH INTERIOR PAINT TYPE #1.14 (SEMI-GLOSS), UNLESS OTHERWISE NOTED.  
F. ALL CMU WALLS SHALL BE PAINTED WITH PAINT TYPE #1.14.  
G. ALL GALVANIZED METAL EXCLUDING STRUCTURES SHALL BE PAINTED INTERIOR PAINT TYPE #5.32.  
H. ALL EXPOSED STEEL STRUCTURE SHALL BE PAINTED INTERIOR PAINT TYPE #5.11.  
I. ALL EXPOSED GALVANIZED METAL STRUCTURE SHALL BE PAINTED INTERIOR PAINT TYPE #5.32.  
J. ALL WALLS ARE TO RECEIVE AN EGGSHELL FINISH AND ALL CEILINGS/BULLNOSES ARE TO RECEIVE A FLAT FINISH.

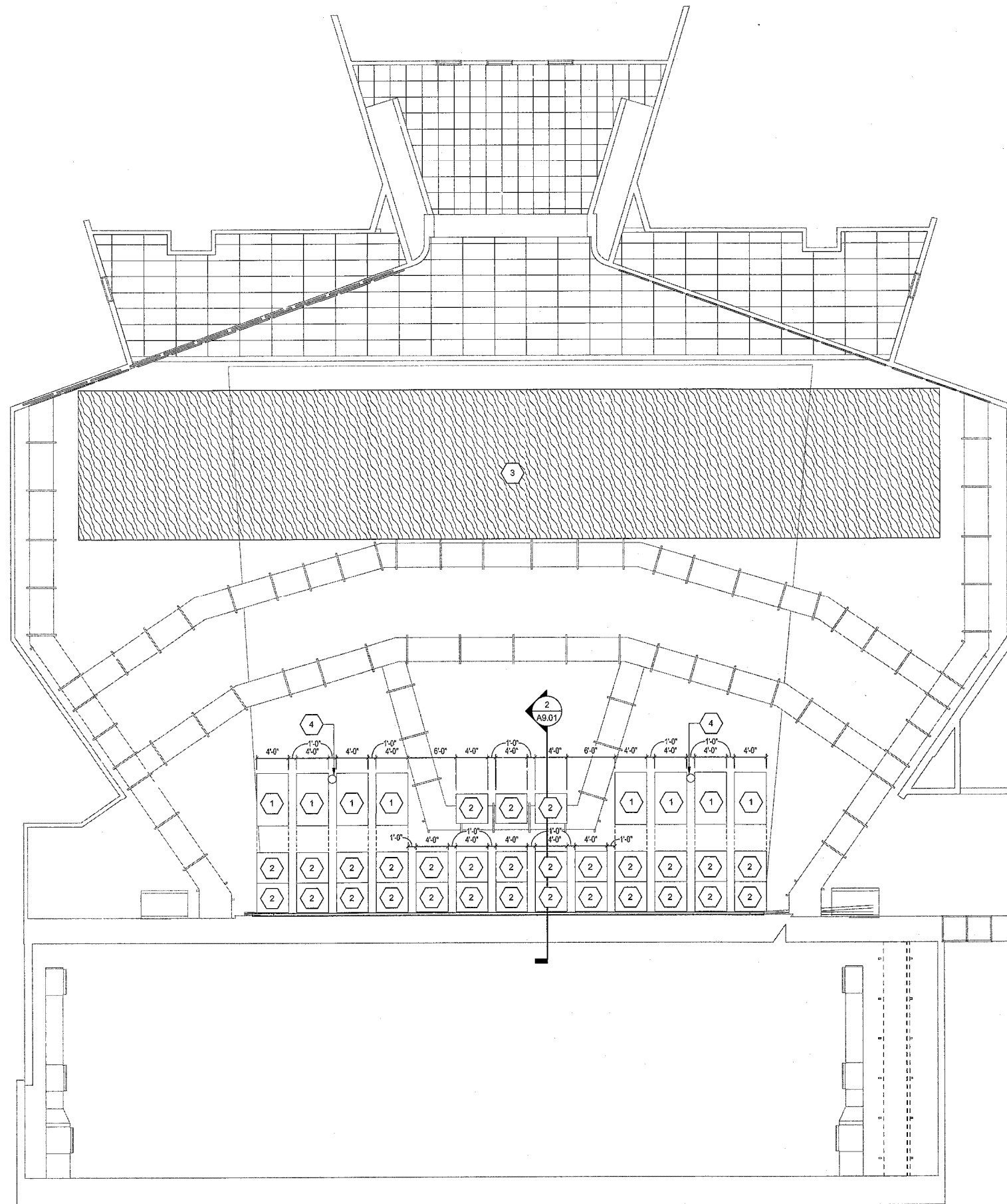
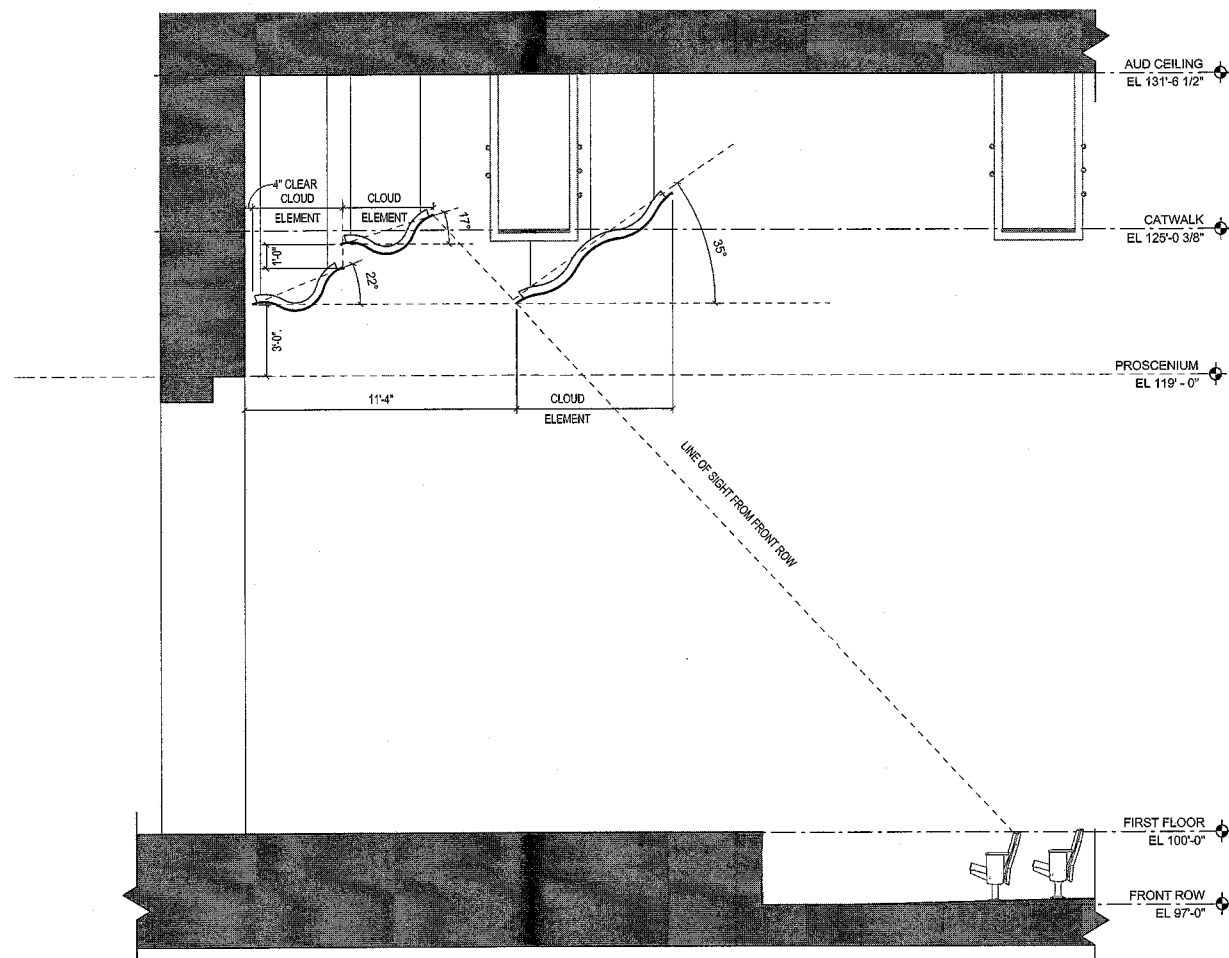


LAWRENCE CENTRAL HIGH SCHOOL  
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METROPOLITAN SCHOOL DISTRICT  
OF LAWRENCE TOWNSHIP  
7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226

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ROOM FINISH SCHEDULE		REV DESCRIPTION DATE	
DRAWN BY: AEX	COMP. NO.: 216107.00	A8S.01	
CHECKED BY: LB	ISSUE DATE: 03.20.17		





# REFLECTED CEILING PLAN LEGEND

- ACOUSTICAL CEILING GRID AND TILE
- GYPSUM WALL BOARD BULKHEAD / CEILING

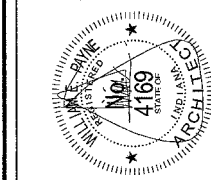
## REFLECTED CEILING GENERAL NOTES

- REFER TO ELECTRICAL DRAWINGS FOR LIGHTING LAYOUTS AND SPECIFICATIONS.
- REFER TO INTERIOR ELEVATIONS AND SPECIFICATIONS FOR SOUND ABSORBING-DIFFUSION WALL TYPES (AWT).
- REFER TO SPECIFICATIONS FOR MORE INFORMATION ON ACOUSTICAL DIFFUSION CLOUD CANOPY ELEMENTS.
- REFER TO SPECIFICATIONS FOR MORE INFORMATION AND LOCATION OF LAPENDARY PANELS. ISSUE SHOP DRAWINGS FOR APPROVAL OF CEILING CONNECTIONS, QUANTITIES, AND LOCATIONS.
- PROVIDE STEEL PIPE BATTENS, HANGERS, SUPPORT, AND SUPPLEMENTAL FRAMING AS REQUIRED TO SUPPORT ACOUSTICAL DIFFUSION CLOUD CANOPY AND LAPENDARY PANEL ELEMENTS FROM THE BUILDING ROOF STRUCTURE.
- PROVIDE SHOP DRAWINGS SHOWING FABRICATION AND INSTALLATION OF ACOUSTICAL DIFFUSION CLOUD CANOPY AND LAPENDARY PANEL ELEMENTS INCLUDING PLANS, ELEVATIONS, SECTIONS, DETAILS OF COMPONENTS, AND ATTACHMENTS TO STRUCTURAL SUPPORT. KEEP PENETRATIONS THRU EXISTING CEILING TO A MINIMUM AND PATCH AND REPAIR AS NEEDED.
- PROVIDE OPEN FACED 1" THICK SOUND BATTS ON BACK OF ACOUSTICAL DIFFUSION CLOUD CANOPIES. BATT IS STANDARD ROXUL SOUND AND FIRE BATTS OR EQUAL WITH MEDIUM DENSITY, MID TONE (GREEN OR MOTTLED BROWN, NOT YELLOW OR PINK). PROVIDE BACKLAD ON THE TOP SIDE OF EACH NEW ACOUSTICAL CLOUD CANOPY UNIT, AND SECURE AS NEEDED. BATT SHALL BE PULLED BACK 8-12 INCHES OR AS NEEDED FROM EDGES OF CLOUDS SO AS NOT TO BE SEEN FROM MAIN FLOOR SEATING VIEW. BATTS MAY BE OVERLAPPED AS REQUIRED IN THE MIDDLE OF THE CLOUD TO ADJUST FOR PULLBACK.

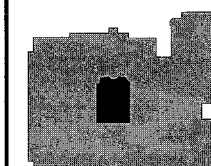
## REFLECTED CEILING PLAN & SECTION NOTES (X)

- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- 4" X 8" RPP WAVEFORM SPLINE IN WOOD VENEER (ACOUSTICAL DIFFUSION CLOUD CANOPY ELEMENT). REFER TO FINISH DRAWINGS FOR FINISH SELECTION.
  - 4" X 4" RPP GAUSSIAN W/ 12" (ACOUSTICAL DIFFUSION CLOUD CANOPY ELEMENT). REFER TO FINISH DRAWINGS FOR FINISH SELECTION.
  - INDICATES APPROXIMATE 2000 SQUARE FOOT AREA TO RECEIVE LAPENDARY PANELS SUSPENDED FROM THE AUDITORIUM CEILING.
  - APPROXIMATE LOCATION OF NEW PENDANT MOUNTED HOUSE LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR MORE INFORMATION.

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**AUDITORIUM RENOVATION**  
**METROPOLITAN SCHOOL DISTRICT**  
**OF LAWRENCE TOWNSHIP**  
 7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226



KEY PLAN

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REFLECTED CEILING PLAN & SECTION DETAIL

CONTRACT NO.: 216107.00  
 DRAWN BY: RH  
 CHECKED BY: LB  
 ISSUE DATE: 03/20/17

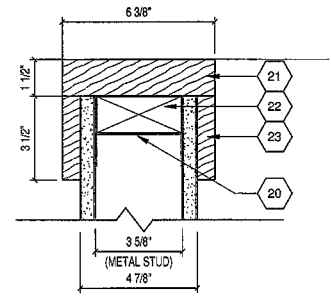
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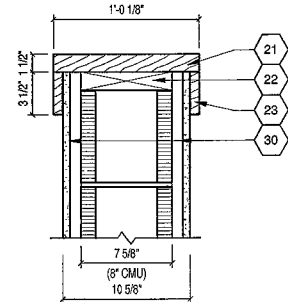
## VERIFICATION NOTE

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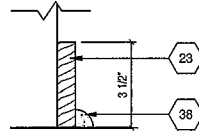
LAWRENCE CENTRAL HIGH SCHOOL  
 216107.00



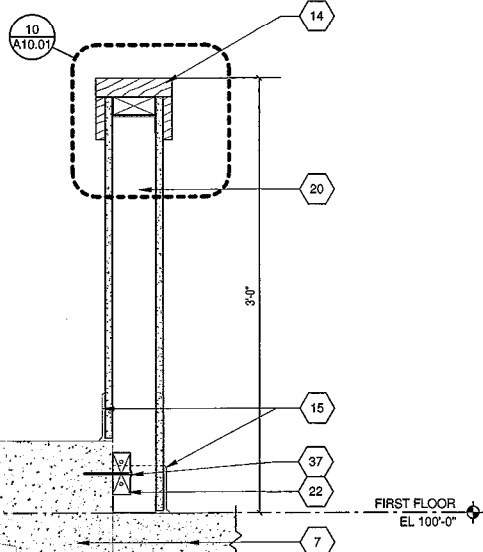
**10** SECTION DETAIL - WOOD CAP  
(AT METAL STUD WALL)  
SCALE: 3" = 1'-0"



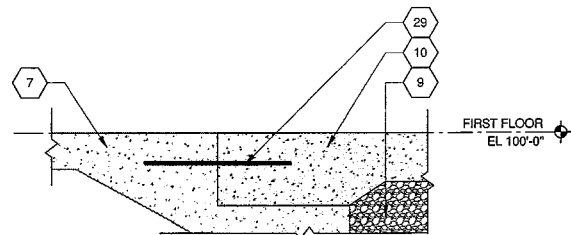
**9** SECTION DETAIL - WOOD CAP  
(AT CMU WALL)  
SCALE: 1 1/2" = 1'-0"



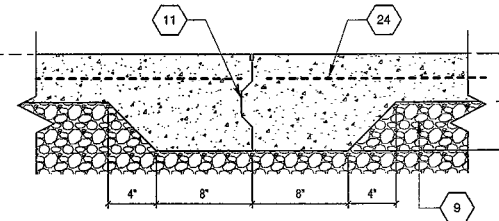
**11** SECTION DETAIL - WOOD BASE  
TRIM  
SCALE: 3" = 1'-0"



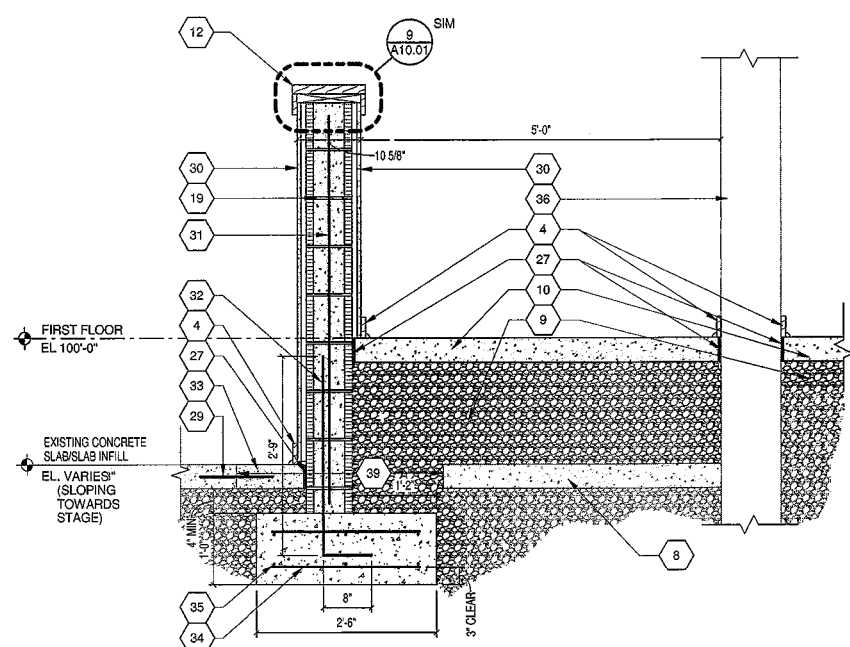
**8** SECTION - HALF HEIGHT WALL  
SCALE: 1 1/2" = 1'-0"



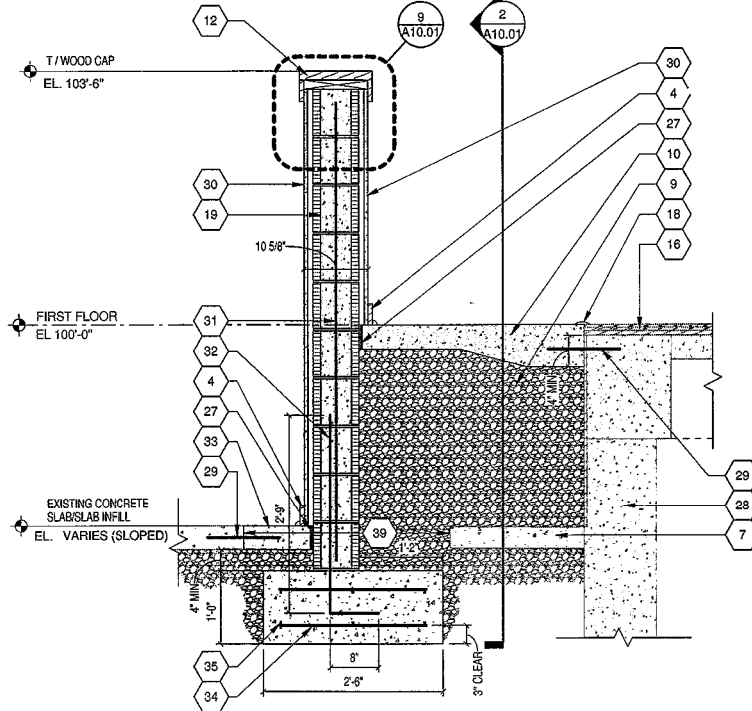
**7** SECTION DETAIL (AT EXISTING  
STAIR)  
SCALE: 1 1/2" = 1'-0"



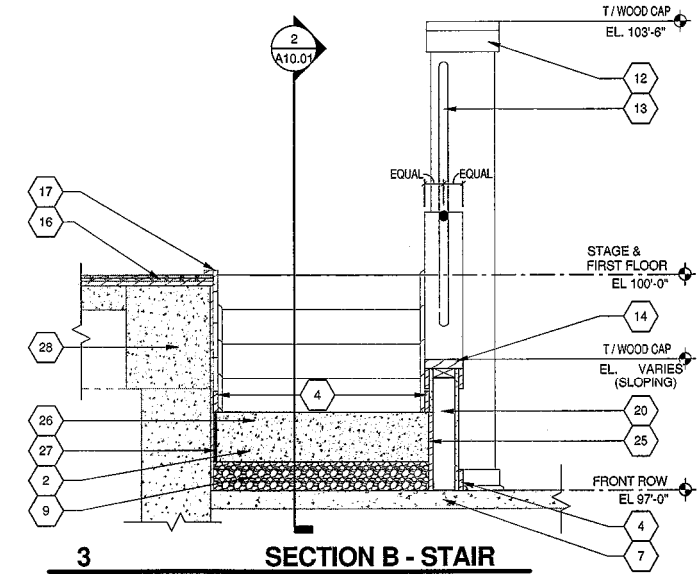
**6** CONSTRUCTION JOINT, TYPICAL  
SCALE: 1 1/2" = 1'-0"



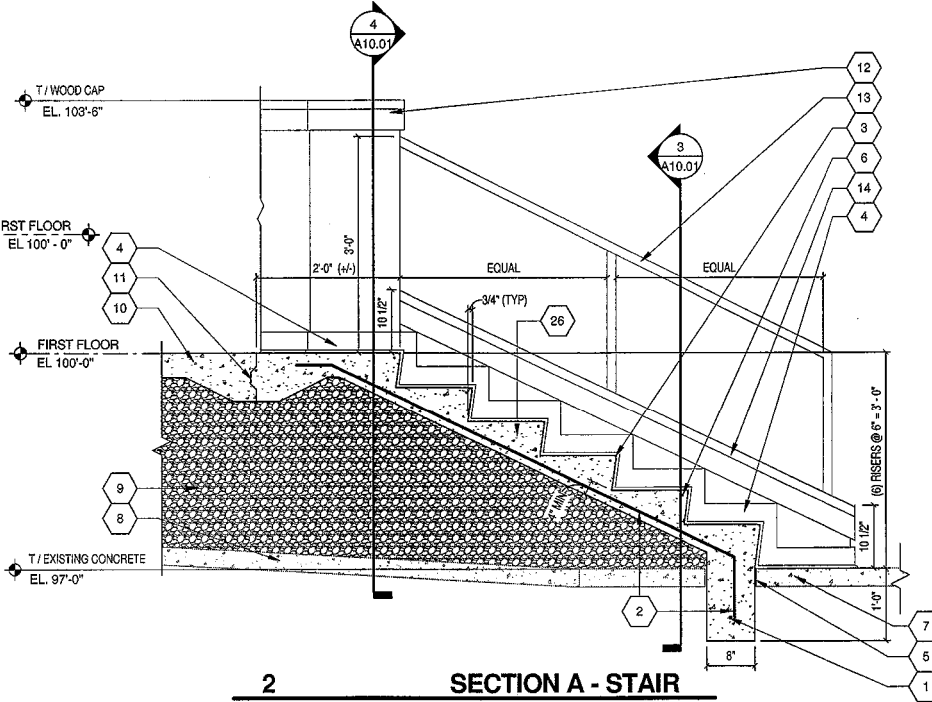
**5** SECTION - NEW ADA ACCESS  
SCALE: 3/4" = 1'-0"



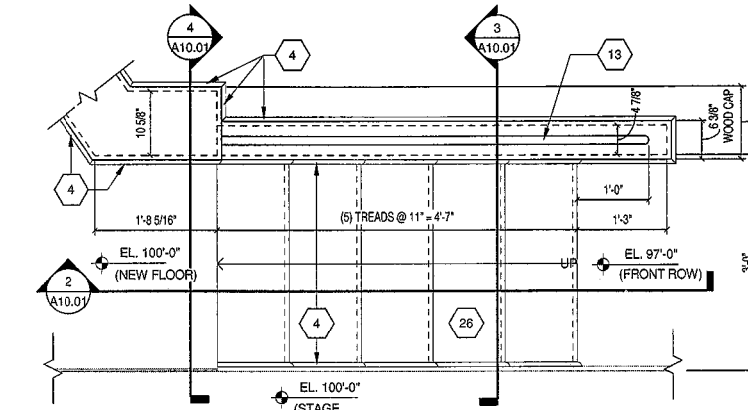
**4** SECTION - LANDING  
SCALE: 3/4" = 1'-0"



**3** SECTION B - STAIR  
SCALE: 3/4" = 1'-0"



**2** SECTION A - STAIR  
SCALE: 3/4" = 1'-0"



**1** ENLARGED PLAN - STAIR  
SCALE: 3/4" = 1'-0"

VERTICAL CIRCULATION NOTES  
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- 1 #5 CONTINUOUS BAR, TYPICAL.
- 2 #3 BARS AT 12" O.C.
- 3 1/2" RADIUS, TYPICAL.
- 4 WOOD BASE TRIM TO MATCH EXISTING WOOD BASE PROFILE. REFER TO 11/A10.01 FOR MORE INFORMATION.
- 5 1/4" PREFORMED JOINT MATERIAL.
- 6 #3 NOSING BAR, TYPICAL.
- 7 EXISTING CONCRETE SLAB/STAIR. SEE ARCHITECTURAL PLAN NOTES FOR MORE INFORMATION WHEN REQUIRED.
- 8 EXISTING SLOPED CONCRETE SLAB. SEE ARCHITECTURAL PLAN NOTES FOR MORE INFORMATION.
- 9 COMPACTED GRANULAR FILL, TYPICAL.
- 10 4" THICK CONCRETE SLAB, TYPICAL.
- 11 KEYWAY CONSTRUCTION JOINT.
- 12 WOOD CAP AT CMU PARTIAL HEIGHT WALL. REFER TO 9/A10.01 FOR MORE INFORMATION.
- 13 1-1/2" DIAMETER (NOMINAL) ANODIZED ALUMINUM HANDRAIL (HORIZONTAL & VERTICAL MEMBERS).
- 14 WOOD CAP AT METAL STUD PARTIAL HEIGHT WALL. REFER TO 10/A10.01 FOR MORE INFORMATION.
- 15 RESILIENT BASE. REFER TO FINISH SPECIFICATIONS.
- 16 EXISTING WOOD STAGE FLOOR.
- 17 EXISTING WOOD TRIM AT EDGE OF STAGE. TRANSITION STRIP. REFER TO FINISH DRAWINGS.
- 18 8" CMU, GROUTED SOLID (CUT CMU TO ACCOMMODATE TOP OF WOOD CAP).
- 19 3/8" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD ON BOTH SIDES.
- 20 2X WOOD CAP (STAIN) WITH EASED EDGES. COUNTERSINK ANCHORS. WOOD PLUGS TO MATCH WOOD CAP.
- 21 2X WOOD BLOCKING, CONTINUOUS.
- 22 1X4 WOOD TRIM (STAIN) WITH EASED EDGE. COUNTERSINK ANCHORS. WOOD PLUGS TO MATCH WOOD TRIM.
- 23 6X6-W2, 1X2, 1 WELDED WIRE FABRIC. DISCONTINUE AT JOINT.
- 24 EXTERIOR GRADE PLYWOOD SHEATHING AT SIDE EDGE OF STAIR (LOST FORM).
- 25 CONCRETE STAIR.
- 26 ISOLATION JOINT FILLER.
- 27 FRONT OF STAGE EXISTING CONCRETE WALL.
- 28 #4 BARS AT 12" O.C. DRILLED AND ANCHORED WITH 1/2" HIT 11000 (8' EMBEDMENT) WHERE NEW CONCRETE SLAB MEETS SURROUNDING SLAB.
- 29 5/8" GYPSUM BOARD ON 7/8" HAT CHANNELS AT 16" O.C. ON CMU.
- 30 #4 BARS AT 24" O.C.
- 31 #4 DOWELS AT 24" O.C. (2'-0" TALL BY 8").
- 32 CONCRETE SLAB INFILL.
- 33 #4 BARS AT 12" O.C. (TOP AND BOTTOM).
- 34 (3) #4 BARS (TOP AND BOTTOM).
- 35 EXISTING WALL TO BE PROTECTED DURING DEMOLITION AND CONSTRUCTION.
- 36 ANCHOR TO FACE OF CONCRETE STEP AT EACH STUD, TYPICAL.
- 37 3/4" X 3/4" QUARTER ROUND WOOD TRIM (STAIN). DEMOLISHED PORTION OF EXISTING CONCRETE SLAB AS REQUIRED FOR NEW CONCRETE FOOTING AND CMU WALL.

VERIFICATION NOTE  
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7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226

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VERTICAL CIRCULATION

CONTRACT NO.: 216107.00  
ISSUE DATE: 03.20.17

DRAWN BY: RH  
CHECKED BY: LB

REV DESCRIPTION DATE

**A10.01**

LAWRENCE CENTRAL HIGH SCHOOL  
216107.00

ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS,  
INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

20/2017 6:22:26 PM

SYMBOL	DESCRIPTION	MOUNTING HEIGHT TO
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### FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION	MH	LEGEND NOTES
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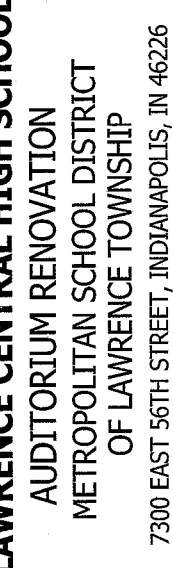
SYMBOL	DESCRIPTION	MH
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SYMBOL	DESCRIPTION	MH
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THE TERM "PROVIDE" INDICATES CONTRACTOR SHALL FURNISH AND INSTALL ITEMS AND CONNECT AS REQUIRED TO OBTAIN A COMPLETE AND OPERABLE SYSTEM.



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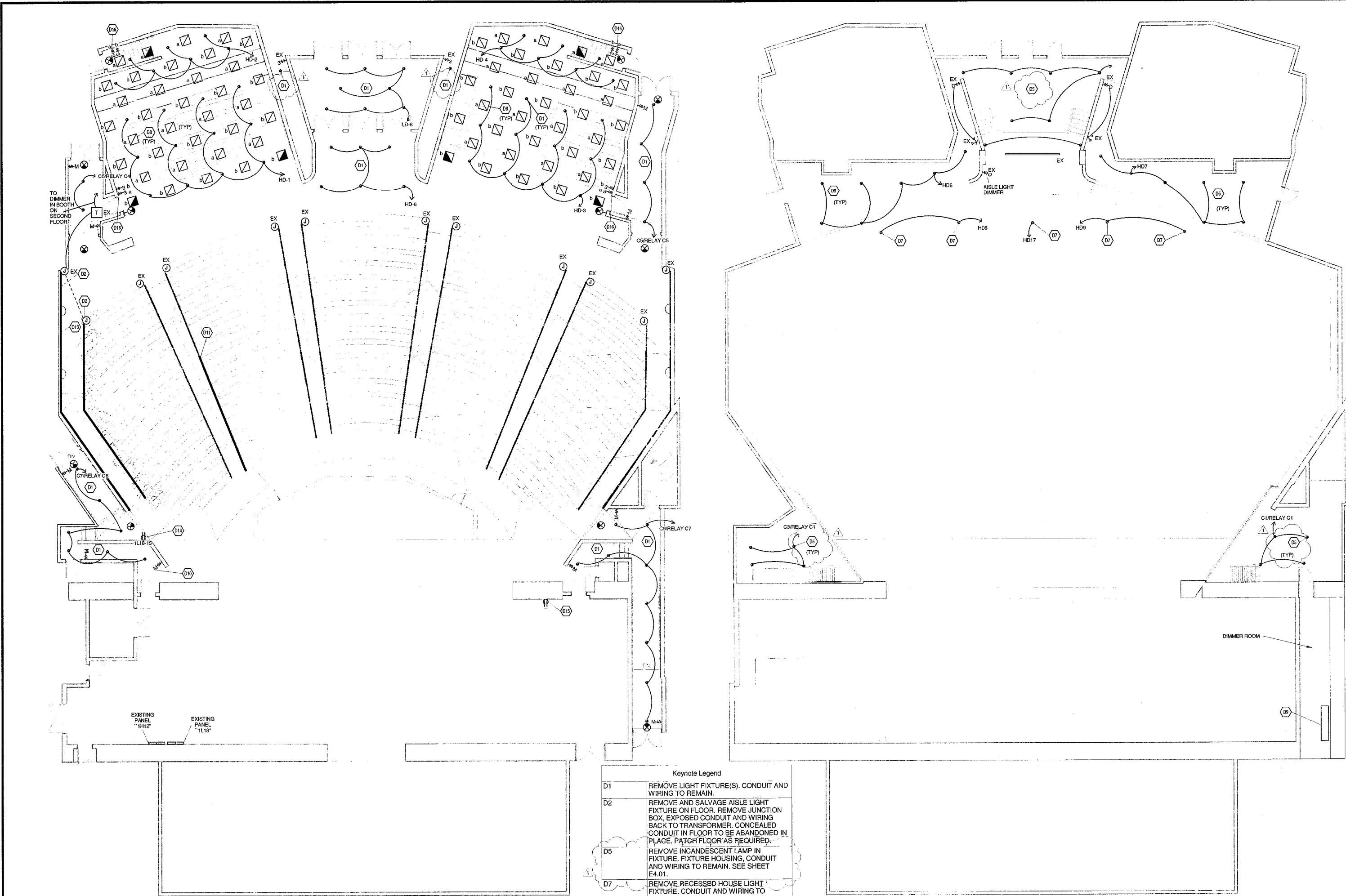
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ELECTRICAL SYMBOL LEGEND	DRAWN BY: APO	COMM. NO.: 216107/00	REV DESCRIPTION DATE
	CHECKED BY: DAM	ISSUE DATE: 03-20-2017	
<div style="text-align: center;"> <h1>E1.01</h1> </div>			

REFERENCE CENTRAL HIGH SCHOOL  
107.00

LAWRENCE CENTRAL HIGH SCHOOL  
4.07.00



**FIRST FLOOR PLAN - UNIT G - ELECTRICAL  
DEMOLITION**

**SECOND FLOOR PLAN - UNIT G - ELECTRICAL  
DEMOLITION**

Keynote Legend	
D1	REMOVE LIGHT FIXTURE(S). CONDUIT AND WIRING TO REMAIN.
D2	REMOVE AND SALVAGE AISLE LIGHT FIXTURE ON FLOOR. REMOVE JUNCTION BOX, EXPOSED CONDUIT AND WIRING BACK TO TRANSFORMER. CONCEALED CONDUIT IN FLOOR TO BE ABANDONED IN PLACE. PATCH FLOOR AS REQUIRED.
D5	REMOVE INCANDESCENT LAMP IN FIXTURE. FIXTURE HOUSING, CONDUIT AND WIRING TO REMAIN. SEE SHEET E4.01.
D7	REMOVE RECESSED HOUSE LIGHT FIXTURE. CONDUIT AND WIRING TO REMAIN.
D8	REMOVE LIGHT FIXTURE, CONDUIT, AND WIRING.
D9	STAGE DIMMER BOARD "SBD" TO BE REPLACED. EXISTING ELECTRICAL FEEDER TO REMAIN. COORDINATE WITH THEATRICAL CONTRACTOR.
D10	LIGHT SWITCH TO BE REPLACED. REFER TO "TL" SERIES DRAWINGS. (TYPICAL).
D11	REPAIR OR REPLACE WITH SALVAGED LIGHT FIXTURE, NON-WORKING SECTION OF AISLE LIGHT FIXTURE ON FLOOR, FROM THIS POINT SOUTH.
D13	RELUCATE AISLE LIGHT FIXTURE ON FLOOR. SEE SHEET E4.01.
D14	REMOVE DEVICE, CONDUIT, AND WIRING. CIRCUIT NUMBER SHOWN FOR REFERENCE ONLY.
D15	DISCONNECT ISOLATED GROUND RECEPTACLE IN STAGE MANAGERS RACK. EXISTING CIRCUIT TO BE REUSED. SEE SHEET E5.01.
D16	REMOVE LIGHT SWITCH AND WIRING. BACKBOX AND CONDUIT UP TO ABOVE CEILING TO BE REUSED. SEE SHEET TL1.01.

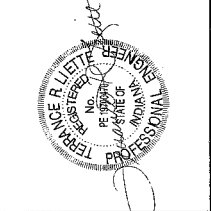
- GENERAL NOTES**
- REFER TO ELECTRICAL SPECIFICATIONS SECTION 280005, "ELECTRICAL DEMOLITION" FOR ADDITIONAL REQUIREMENTS THAT APPLY TO THIS SHEET.
  - ALL EQUIPMENT AND CONDUIT SHOWN ON THIS DEMOLITION DRAWING IS EXISTING AND SHALL REMAIN IN SERVICE UNLESS NOTED OTHERWISE.

**VERIFICATION NOTE**

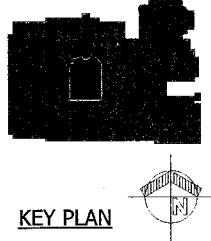
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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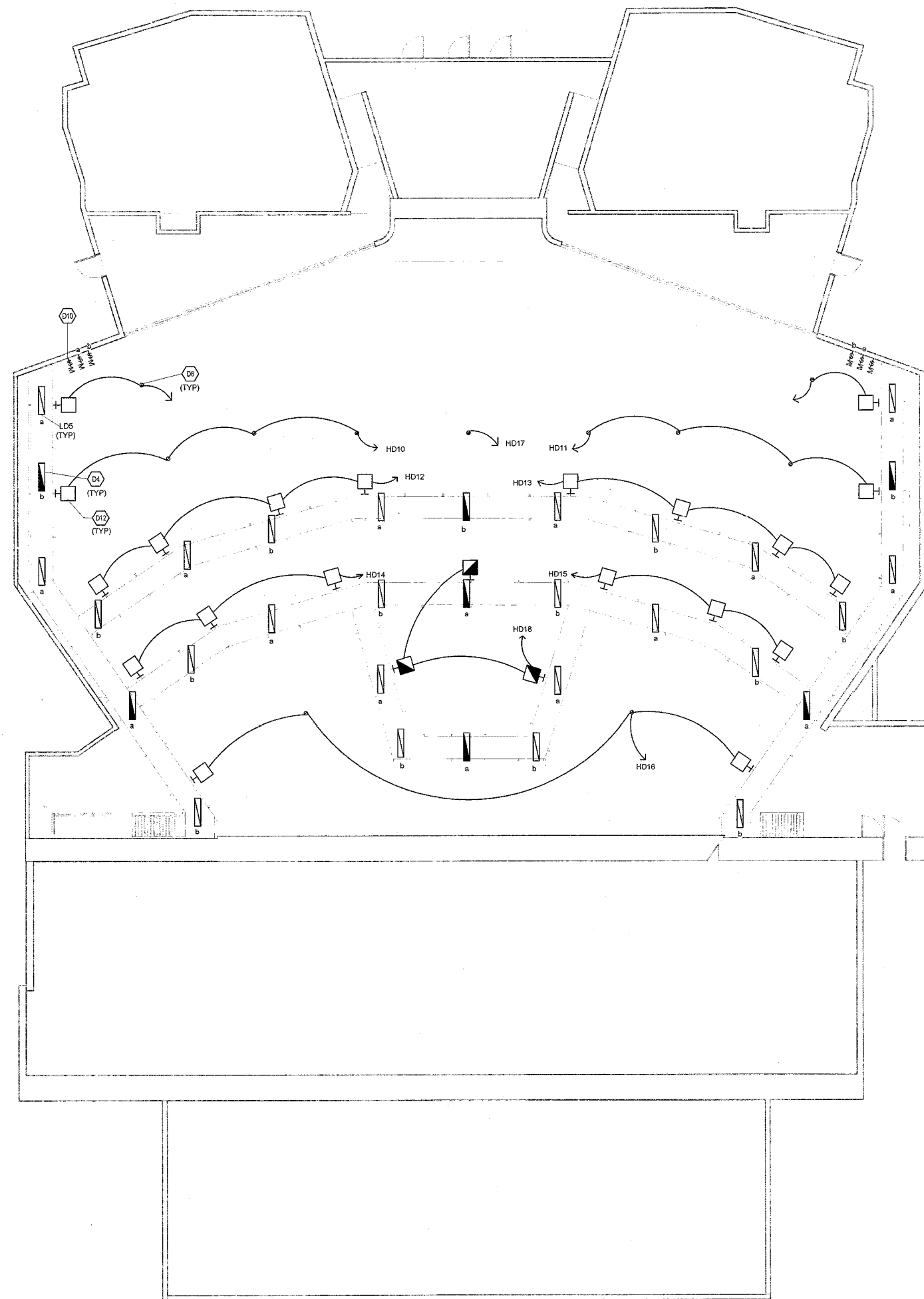
**LAWRENCE CENTRAL HIGH SCHOOL  
AUDITORIUM RENOVATION  
METROPOLITAN SCHOOL DISTRICT  
OF LAWRENCE TOWNSHIP**  
7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226



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FLOOR PLANS - UNIT G - ELECTRICAL DEMOLITION	
DRAWN BY: AJO	DATE: 2/16/2017
CHECKED BY: DMH	ISSUE DATE: 03/30/2017
REV: 1	DESCRIPTION: 1. ADDENDUM 1
<b>ED0.01</b>	
LAWRENCE CENTRAL HIGH SCHOOL 2/16/07.00	





CATWALK LEVEL PLAN - UNIT G -  
ELECTRICAL DEMOLITION

1/8" = 1'-0"

Keynote Legend	
D4	REMOVE INTERIOR OF WORK LIGHT FIXTURE(S), WHICH INCLUDES LAMPS, SOCKETS, BALLAST COVER AND BALLAST. FIXTURE CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL. CONDUIT AND WIRING TO REMAIN. SEE SHEET E4.02.
D6	REMOVE HOUSE LIGHT FIXTURE. CONDUIT AND WIRING TO REMAIN.
D10	LIGHT SWITCH TO BE REPLACED. REFER TO 'TL' SERIES DRAWINGS. (TYPICAL).
D12	REMOVE HOUSE LIGHT FIXTURE MOUNTED TO CATWALK. CONDUIT AND WIRING TO REMAIN.



#### GENERAL NOTES

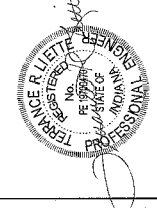
- REFER TO ELECTRICAL SPECIFICATIONS SECTION 260005, "ELECTRICAL DEMOLITION" FOR ADDITIONAL REQUIREMENTS THAT APPLY TO THIS SHEET.
- ALL EQUIPMENT AND CONDUIT SHOWN ON THIS DEMOLITION DRAWING IS EXISTING AND SHALL REMAIN IN SERVICE UNLESS NOTED OTHERWISE.

#### VERIFICATION NOTE

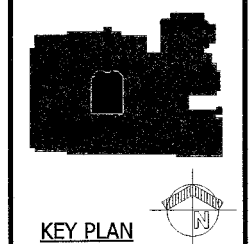
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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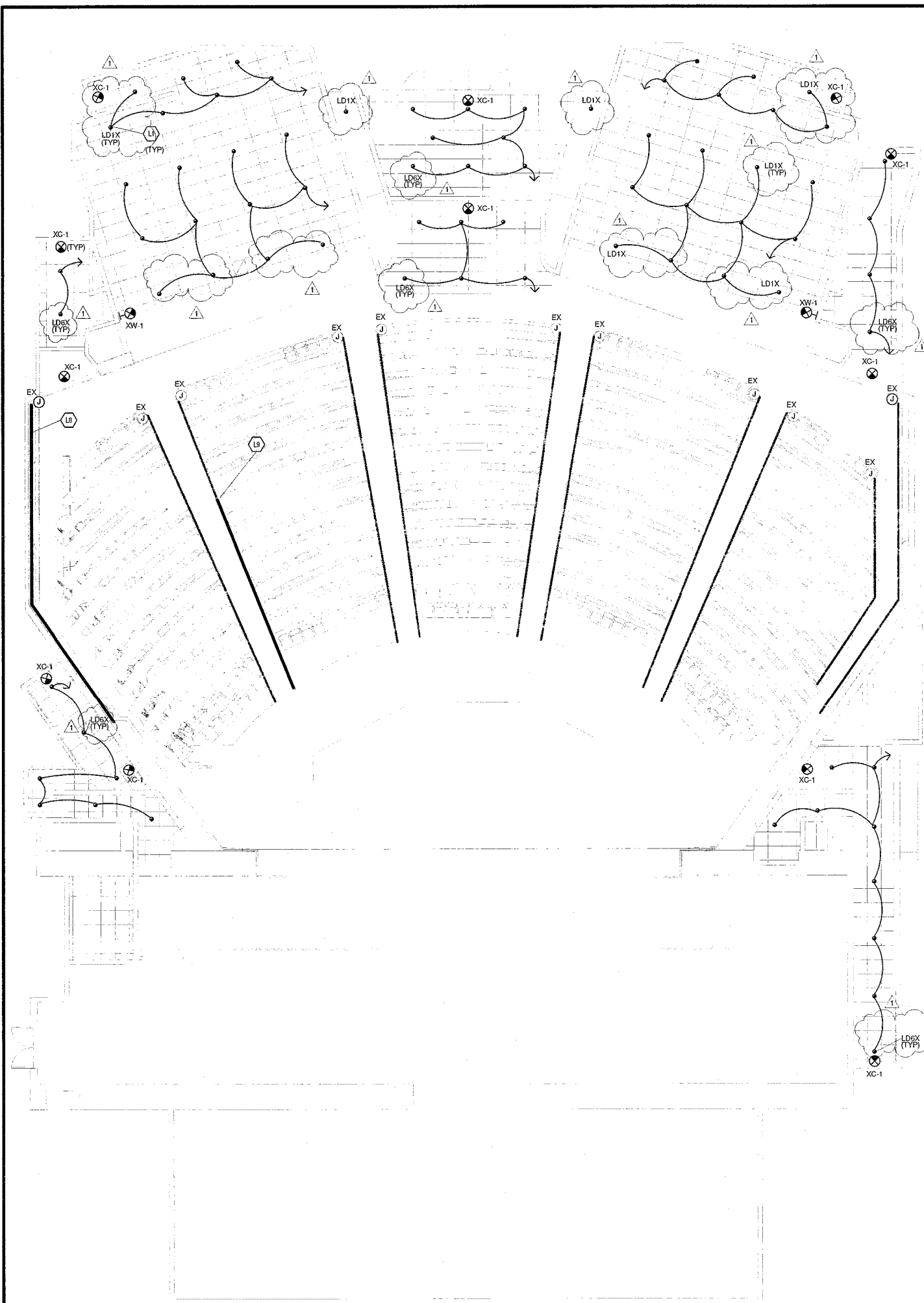


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OF LAWRENCE TOWNSHIP  
7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226



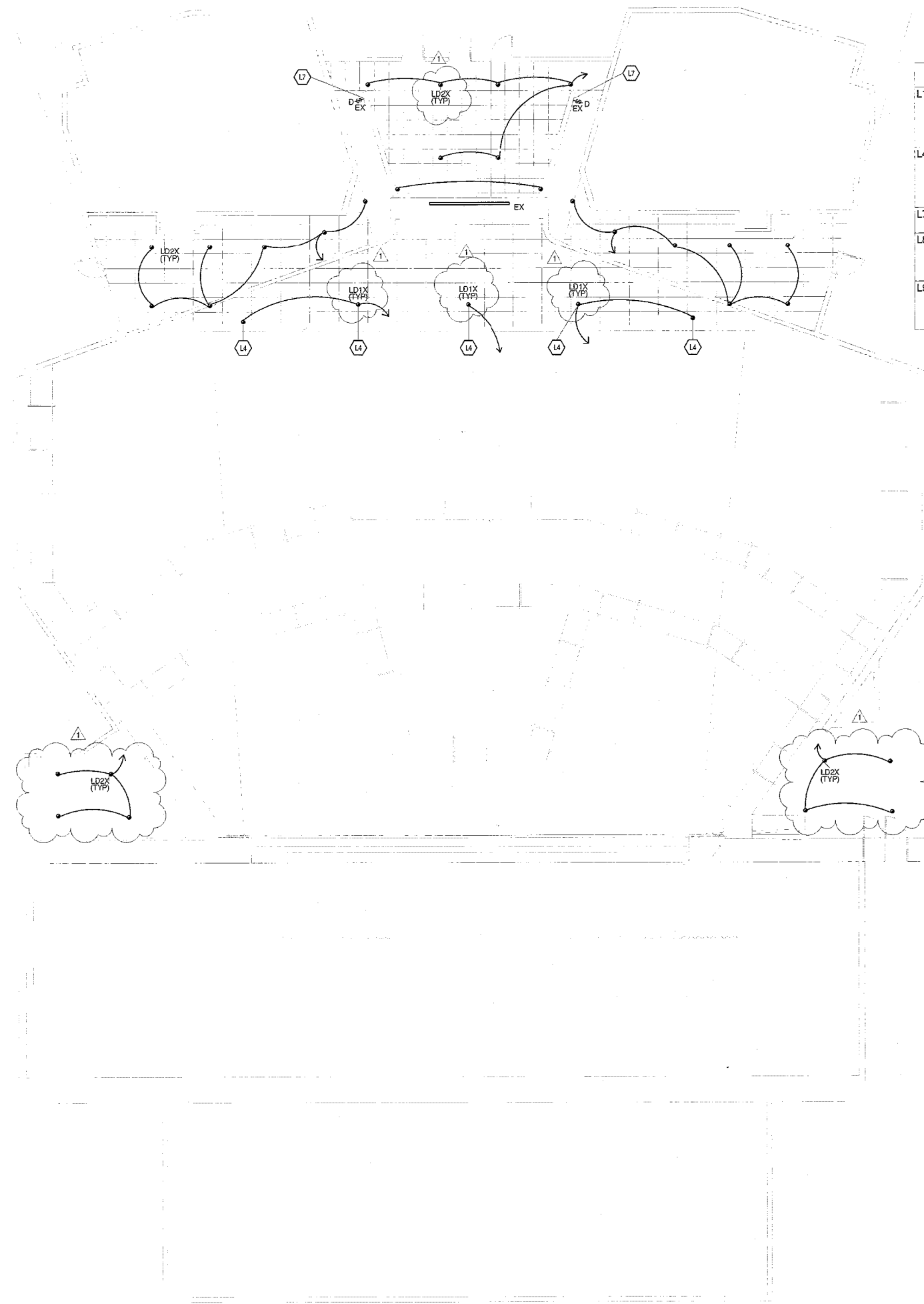
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<b>CATWALK PLAN - UNIT G - ELECTRICAL DEMOLITION</b>	
DRAWN BY: APO	CONTR. NO.: 216107.00
CHECKED BY: DHA	ISSUE DATE: 03.30.2017
<b>ED0.02</b>	
LAWRENCE CENTRAL HIGH SCHOOL 216107.00	



FIRST FLOOR PLAN - UNIT G - LIGHTING

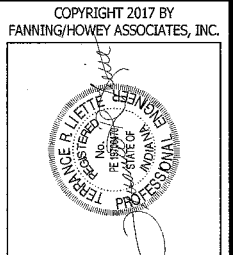
1/8" = 1'-0"



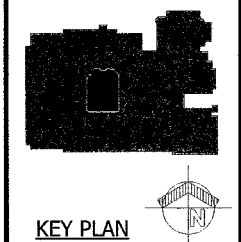
SECOND FLOOR PLAN - UNIT G - LIGHTING

1/8" = 1'-0"

Keynote Legend	
L1	CONNECT LIGHT FIXTURE(S) TO EXISTING CONDUIT AND WIRING. LIGHT FIXTURE(S) TO BE CONTROLLED VIA DIMMING RACK
L4	PROVIDE HOUSE LIGHT FIXTURE IN SAME LOCATION WHERE EXISTING FIXTURE WAS REMOVED AND CONNECT TO EXISTING CONDUIT AND WIRING.
L7	PROVIDE NEW DIMMER KNOB ON EXISTING DIMMER.
L8	REINSTALL SALVAGED LIGHT FIXTURE ON FLOOR AND CONNECT TO EXISTING CONDUIT AND WIRING.
L9	REPAIR OR REPLACE WITH SALVAGED FIXTURE. TURN UNUSED FIXTURE OVER TO OWNER.



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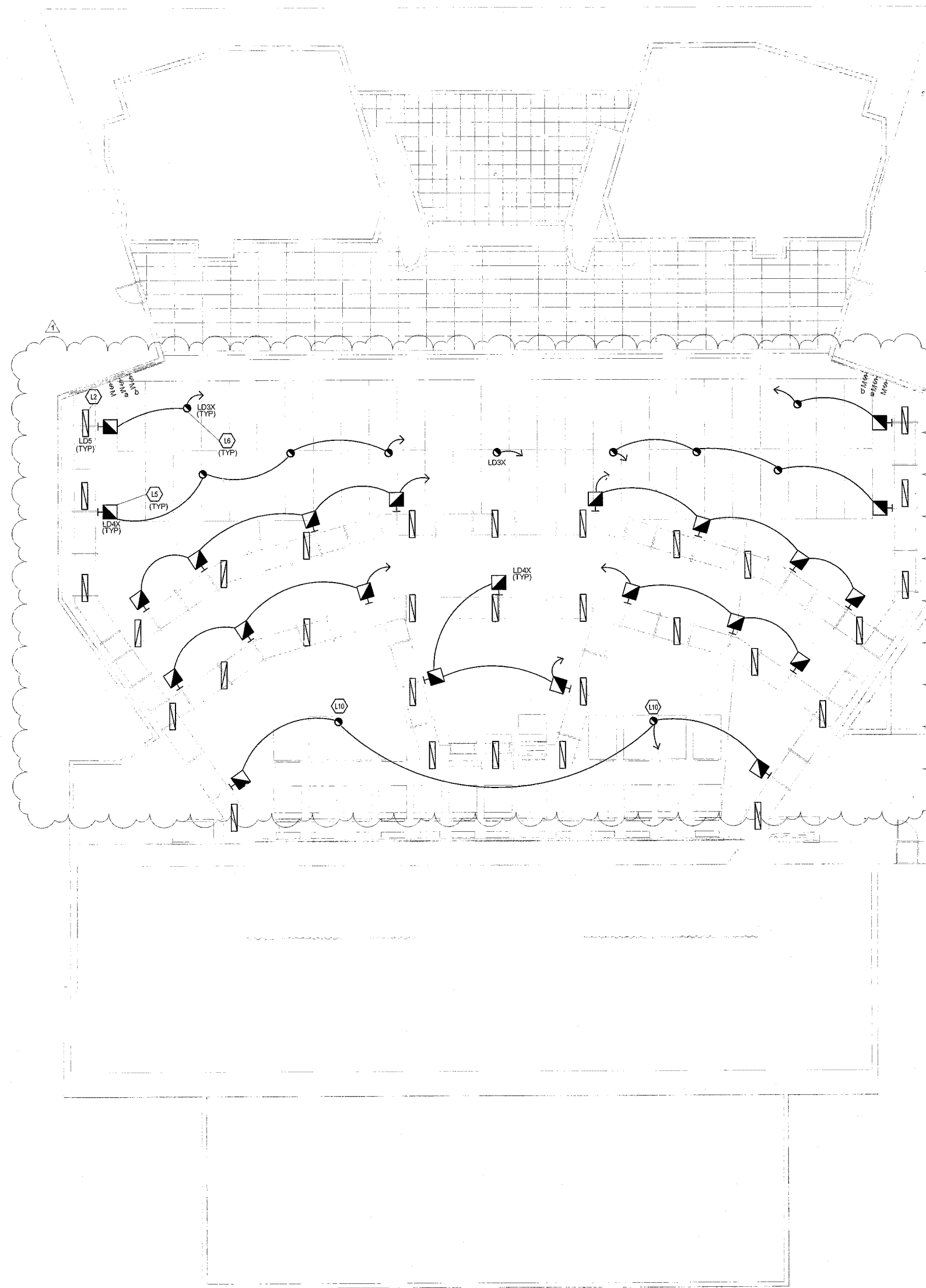
KEY PLAN

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FLOOR PLANS - UNIT G - LIGHTING	
CONTRACT NO.: 216107.00	DATE: 03-20-2017
DRAWN BY: AFO	CHECKED BY: DMH
REV. DESCRIPTION	DATE
1. ADDENDUM 1	4-5-2017
<b>E4.01</b>	
LAWRENCE CENTRAL HIGH SCHOOL 716107.00	

**VERIFICATION NOTE**  
 CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.  
 SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.





CATWALK LEVEL PLAN - UNIT G - LIGHTING  
1/8" = 1'-0"

Keynote Legend	
L2	INSTALL WORK LIGHT FIXTURE IN EXISTING FIXTURE HOUSING WITH LENS AND CONNECT TO EXISTING CONDUIT AND WIRING. CLEAN LENS.
L5	PROVIDE HOUSE LIGHT FIXTURE AND MOUNT ON CATWALK IN SAME LOCATION WHERE EXISTING FIXTURE WAS REMOVED AND CONNECT TO EXISTING CONDUIT AND WIRING.
L6	PROVIDE MOUNTING PLATE OVER EXISTING FIXTURE OPENING AND PAINT TO MATCH CEILING. PROVIDE PENDANT MOUNTED HOUSE LIGHT FIXTURE, SUSPENDED FROM MOUNTING PLATE AND CONNECT TO EXISTING CONDUIT AND WIRING.
L10	PROVIDE MOUNTING PLATE OVER EXISTING FIXTURE OPENING AND PAINT TO MATCH CEILING. PROVIDE PENDANT MOUNTED HOUSE LIGHT FIXTURE, SUSPENDED FROM MOUNTING PLATE SO BOTTOM OF FIXTURE IS EVEN WITH ACOUSTICAL PANEL AND CONNECT TO EXISTING CONDUIT AND WIRING.

VERIFICATION NOTE  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.  
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KEY PLAN

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CATWALK LEVEL PLAN - UNIT G - LIGHTING

CONTRACT NO:	216107.00
ISSUE DATE:	03.30.2017
DRAWN BY:	AKO
CHECKED BY:	DAH

REV	DESCRIPTION	DATE
1	ISSUED FOR	4-3-2017

**E4.02**

LAWRENCE CENTRAL HIGH SCHOOL  
216107.00



LUMINAIRE SCHEDULE										
PLAN TYPE	MANUFACTURER/CATALOG	MOUNTING	LAMPS				APPLIED VOLTAGE	DESCRIPTION		VA LOAD
			NO.	WATTS	TYPE	LUMENS				
LD1X	AQUARI ZINO SERIES	RECESSED	1	75 W	LED	7500 lm	120 V	6-INCH ROUND LED DOWNLIGHT, GLARE REDUCER WHITE TRIM RING, DIMX DIMMING TO 0%, 3000K CCT, 50 CRI, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL.		75 VA
LD2X	CANTOUS, THE RETRO 400	RECESSED	1	42 W	LED	3000 lm	120 V	4.5-INCH ROUND ENERGY EFFICIENT LED LIGHT ENGINE DESIGNED TO RETROFIT INTO AN EXISTING FIXTURE, CLEAR SPECULAR FINISH, CONVENTIONALLY DIMMED, NO CONTROL WIRE REQUIRED, 3000K CCT, 92CRI, 60 DEGREE BEAM ANGLE, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL.		42 VA
LD3X	ETC ARCSYSTEM SERIES, PRO FOUR-CELL PENDANT ARC4R	PENDANT	1	100 W	LED	5458 lm	120 V	ROUND CYLINDER DOWNLIGHT, 60 DEGREE REFLECTOR, MATTE WHITE FINISH, BLACK HOUSING FINISH, DIMX DIMMING TO 0%, 3000K CCT, 90 CRI, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL.		100 VA
LD4X	ETC ARCSYSTEM SERIES ARC4R	SURFACE	1	100 W	LED	5458 lm	120 V	DOWNLIGHT MOUNTED TO CATWALK, 60 DEGREE REFLECTOR, MATTE WHITE FINISH, BLACK HOUSING FINISH, DIMX DIMMING TO 0%, 3000K CCT, 90 CRI, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL.		100 VA
LD5	LITHONIA ZLTN SERIES STARTER STARPOWER NOVA SERIES	SURFACE	1	42 W	LED	5000 lm	120 V	46", SURFACE MOUNTED, WHITE STEEL HOUSING, STRIP LIGHT, 3000K, 80 CRI.		42 VA
LD6X	ETC ARCSYSTEM SERIES, PRO ONE-CELL FIXED ARCPT1	RECESSED	1	25 W	LED	1646 lm	120 V	ROUND LED DOWNLIGHT, WHITE TRIM RING, DIMX DIMMING TO 0%, 3000K CCT, 90 CRI, CONNECTED TO EMERGENCY TRANSFER RELAY IN DIMMING PANEL.		25 VA
XG-1	SURELITES CX SERIES MCPHILBEN GL LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES MALE LIGHTING MERIDIAN SERIES	SURFACE CEILING	0	0 W	RED LED	0 lm	277 V	CAST ALUMINUM EXIT SIGN, QUANTITY FACES AND DIRECTIONAL ARROWS INDICATED, WHITE FACE, WHITE HOUSING, MULTI VOLT, EMERGENCY TRANSFER DEVICE.		5 VA
XW-1	SURELITES CX SERIES MCPHILBEN SS LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES MALE LIGHTING MERIDIAN SERIES	SURFACE WALL	0	0 W	RED LED	0 lm	277 V	CAST ALUMINUM EXIT SIGN, QUANTITY FACES AND DIRECTIONAL ARROWS INDICATED, WHITEFACE, WHITE HOUSING, MULTI VOLT, EMERGENCY TRANSFER DEVICE.		5 VA

- LUMINAIRE SCHEDULE - GENERAL NOTES
- ALL LAMPS LISTED IN SCHEDULE ARE SYLVANIA CATALOG NUMBERS, UNLESS OTHERWISE NOTED. EQUAL LAMPS BY MANUFACTURERS INDICATED IN SPECIFICATION SECTIONS 265800 ARE ACCEPTABLE.
  - SEE SPECIFICATIONS FOR BALLAST REQUIREMENTS.
  - FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE FOR MOUNTING IN LAY-IN TYPE CEILINGS.
  - CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING EMERGENCY TRANSFER DEVICES AND PROVIDE REQUIRED QUANTITY OF EMERGENCY TRANSFER DEVICES, LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY TRANSFER DEVICES.
  - LIGHT FIXTURE SUBMITTALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR BALLAST COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR LIGHT FIXTURES.

LUMINAIRE SCHEDULES

DRAWN BY: APO  
CHECKED BY: DMH  
DATE: 03.20.2017

REV. DESCRIPTION DATE  
1. ADDENDUM 1 4-5-2017

E8.1

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216107/00

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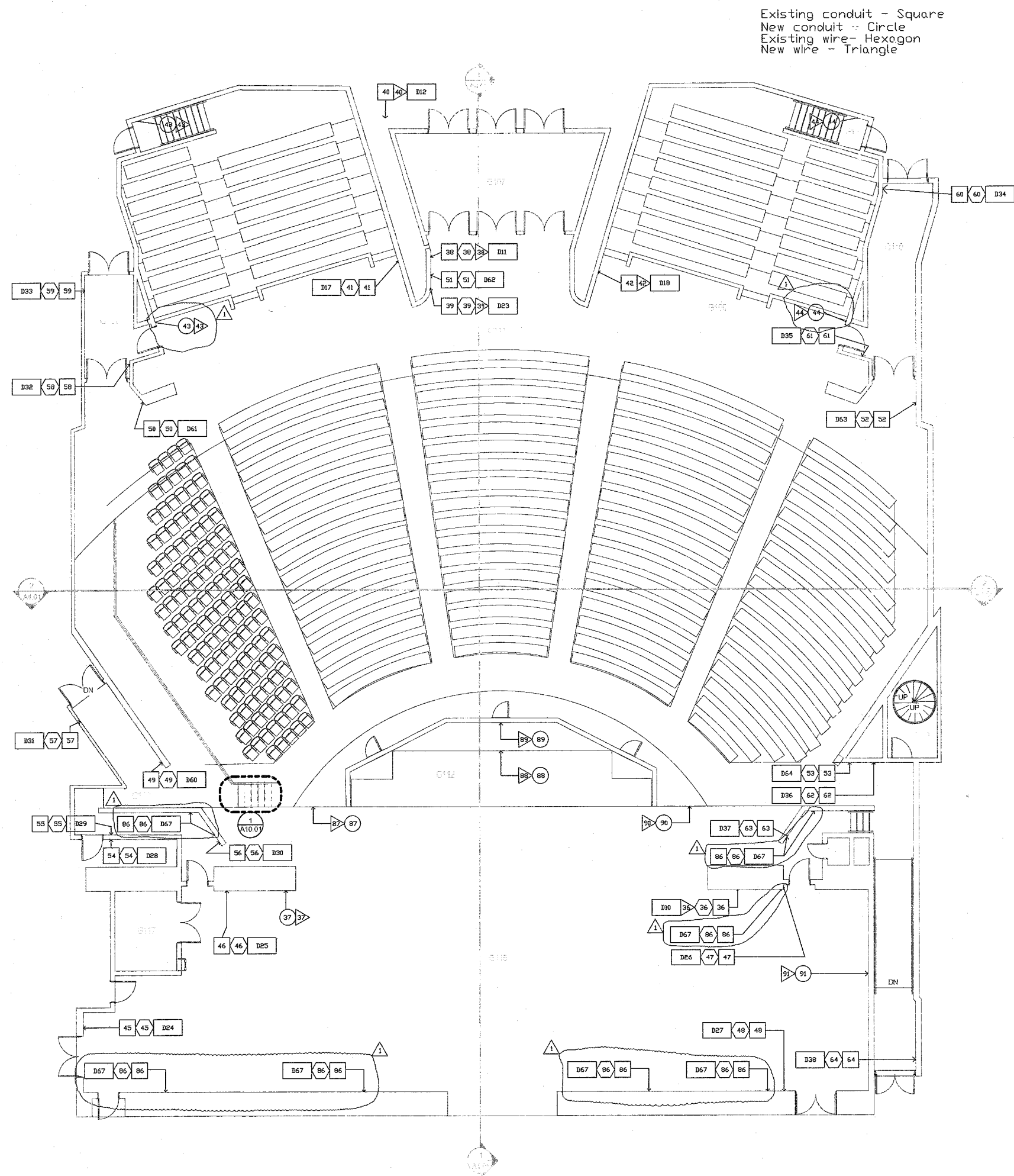
www.fhai.com

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Existing conduit - Square  
New conduit - Circle  
Existing wire - Hexagon  
New wire - Triangle

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

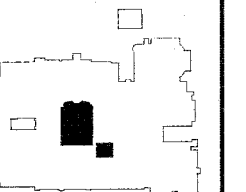
FIRST FLOOR PLAN - UNIT G -  
THEATRICAL LIGHTING

ROOM LEGEND - FIRST FLOOR UNIT G	
ROOM NO.	ROOM NAME
G1	STAIR
G11	STAIR
G104	LECTURE
G105	LECTURE
G107	VOMITORY
G109	VOMITORY
G110	VOMITORY
G111	AUDITORIUM
G112	ORCHESTRA LIFT
G113	CATWALK ACCESS
G114	CORRIDOR
G115	STORAGE
G116	STAGE
G117	PIANO STORAGE
G119	PASSAGE

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KEY PLAN

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FIRST FLOOR PLAN -  
UNIT G - THEATRICAL LIGHTING

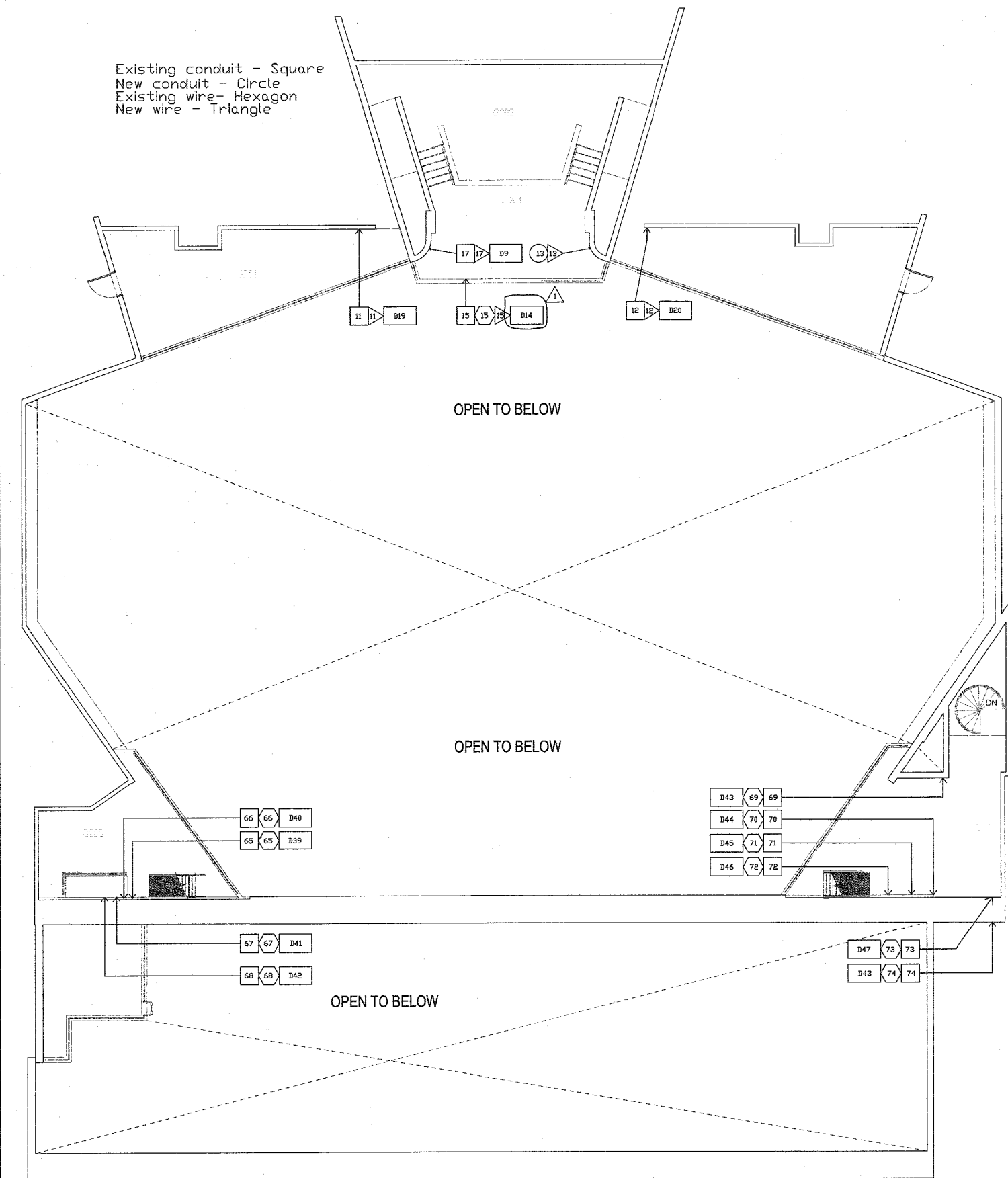
DRAWN BY: RH	COMP. NO.: 215107.00	DATE: 03/23/2017
CHECKED BY: LG	ISSUE DATE:	
REV	DESCRIPTION	DATE
1	ADDendum 1	4-5-2017

TL1.01

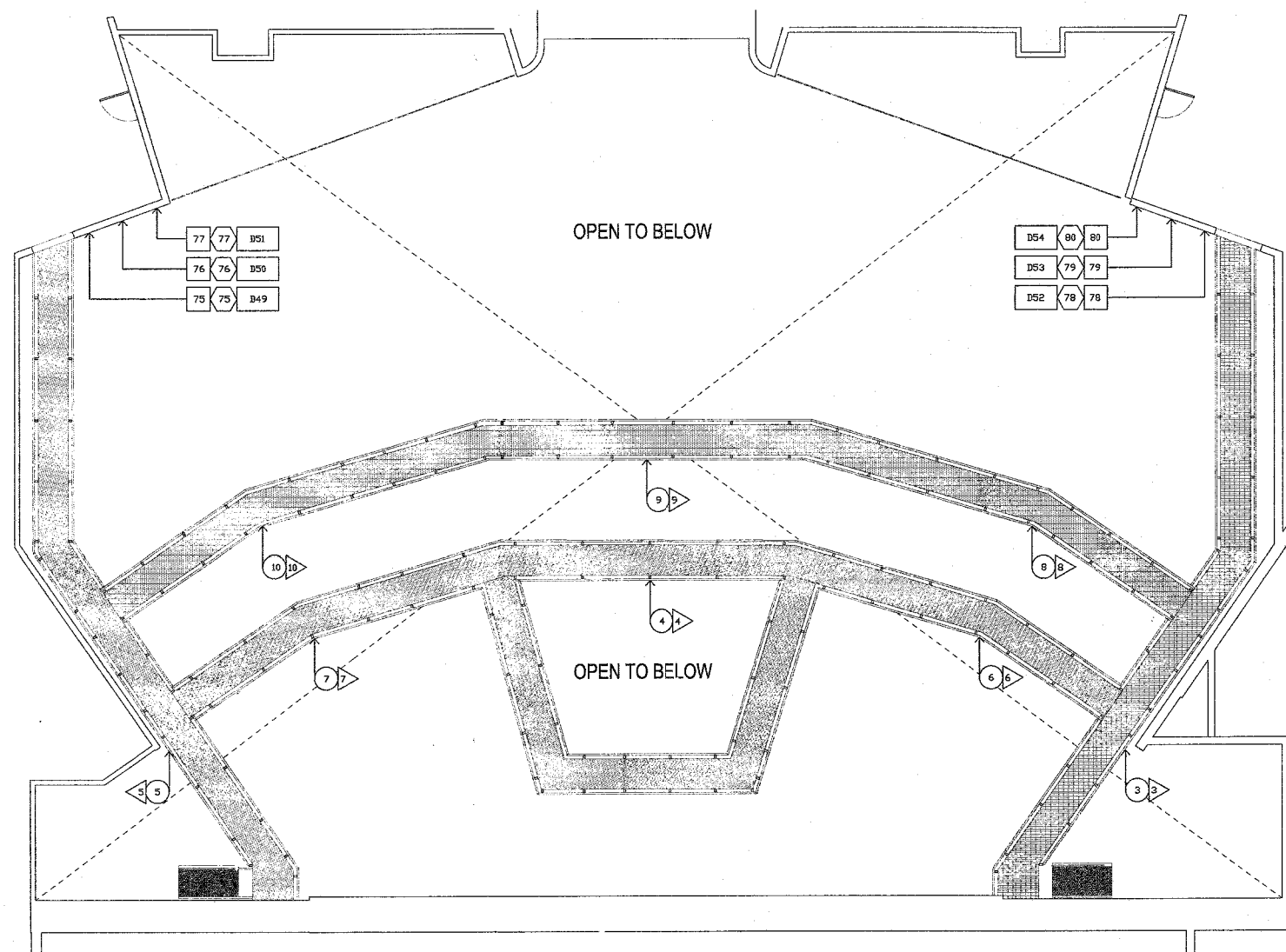
VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND  
CLEARANCES AND ALL EXISTING FIELD CONDITIONS  
BEFORE STARTING CONSTRUCTION. COMMENCEMENT  
OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.  
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED,  
CONTACT THE ARCHITECT BEFORE PROCEEDING WITH  
WORK.

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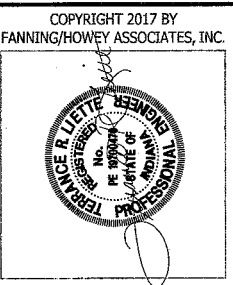


1  
LOWER, UPPER BOOTH &  
SECOND FLOOR - UNIT G - THEATRICAL LIGHTING  
SCALE: 1/8" = 1'-0"

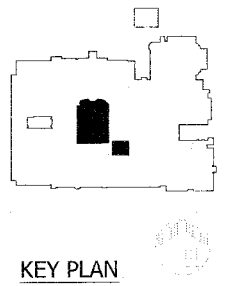


2  
CATWALK LEVEL PLAN - UNIT G -  
THEATRICAL LIGHTING  
SCALE: 1/8" = 1'-0"

ROOM LEGEND - UPPER LEVELS UNIT G	
ROOM NO.	ROOM NAME
G201	LOWER BOOTH
G202	UPPER BOOTH
G207	MEZZANINE
G208	WEST SPOTLIGHT
G209	EAST SPOTLIGHT
G210	Room
G211	WEST GALLERY
G212	EAST GALLERY



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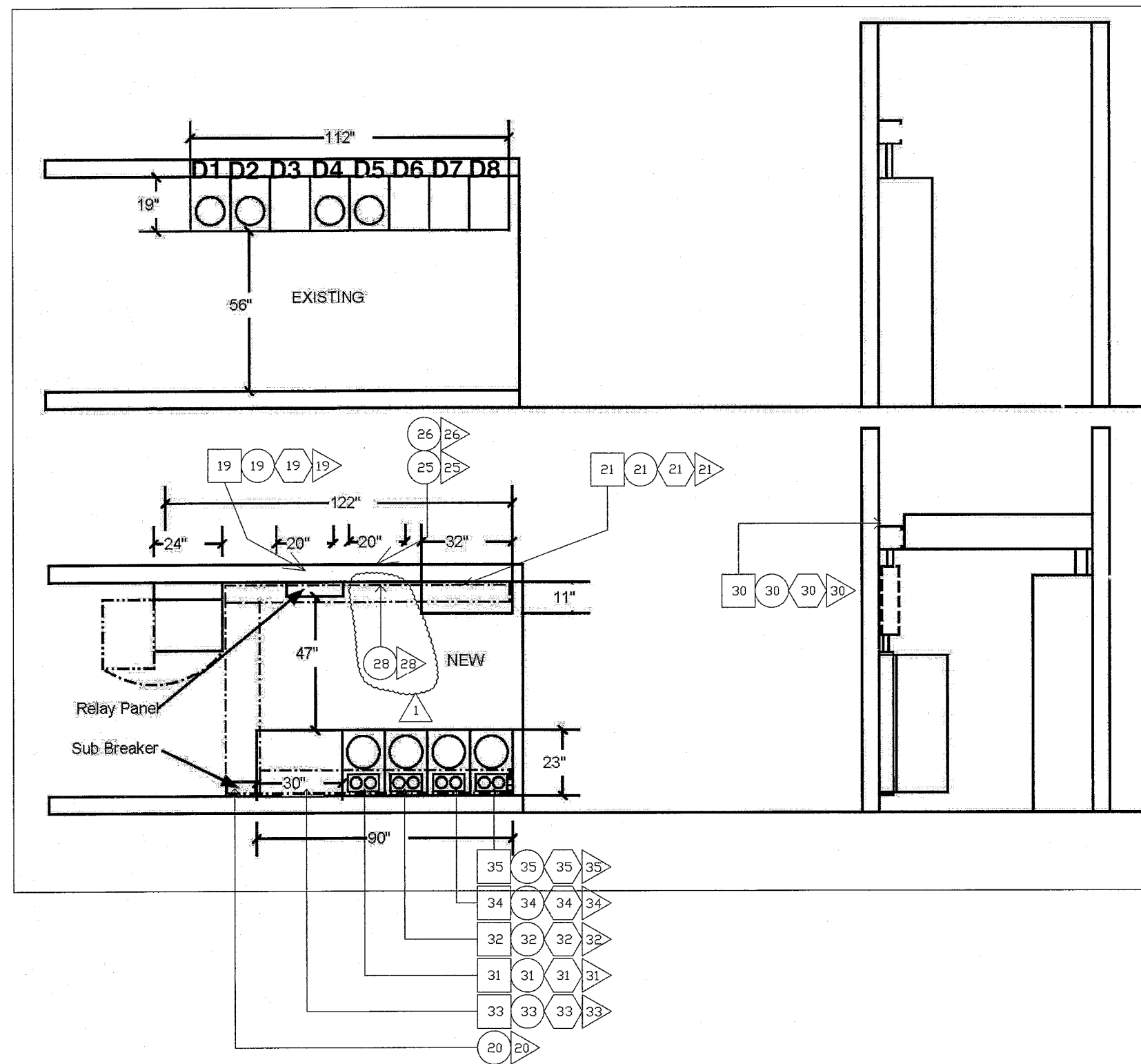


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FLOOR PLANS - UNIT G - THEATRICAL LIGHTING	
DESIGNED BY: LB	DATE: 4-5-2017
DRAWN BY: RM	DESCRIPTION: 1
CHECKED BY: LB	ADDITIONAL: 1
T1.02	
LAWRENCE CENTRAL HIGH SCHOOL 216107.00	

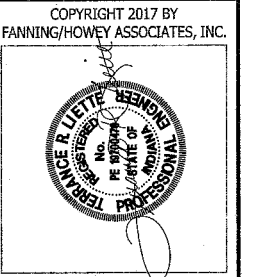
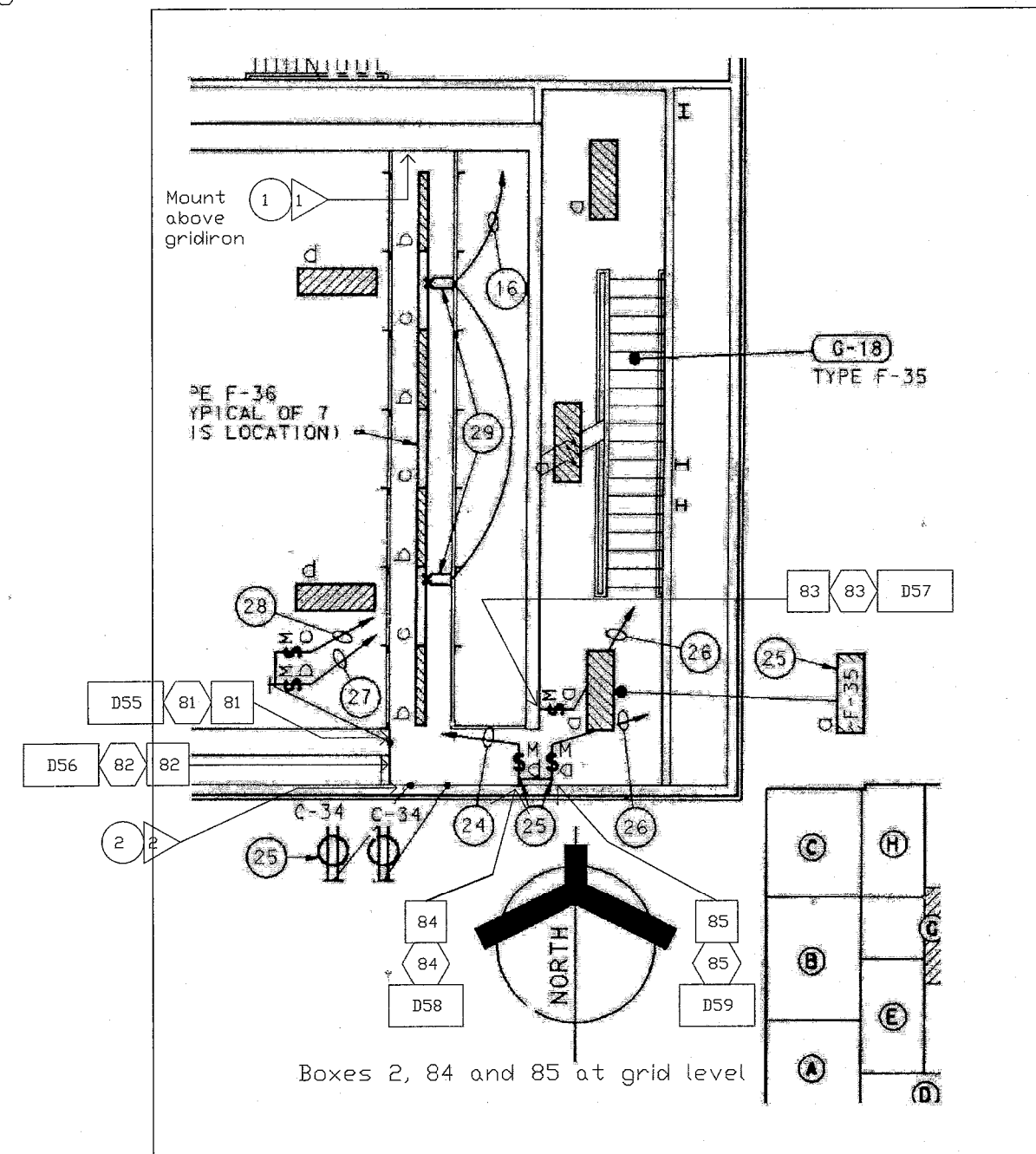
**VERIFICATION NOTE**  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

# Dimmer Room

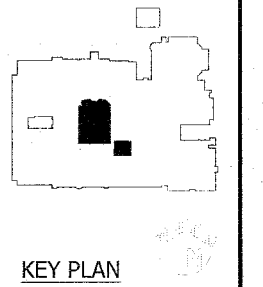


Existing conduit - Square  
New conduit - Circle  
Existing wire - Hexagon  
New wire - Triangle

# Loading Bridge Level



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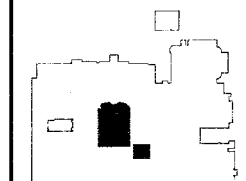
DIMMER AND LOADING BRIDGE PLANS			
DATE: 01/12/2017	CONTRACT NO.: 21610700	REV: 1	DESCRIPTION: ADDITION
CHECKED BY: JB	DRAWN BY: BH	DATE: 01/12/2017	DATE: 01/12/2017
<b>TL1.03</b>			

LAWRENCE CENTRAL HIGH SCHOOL  
216107.00





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METROPOLITAN SCHOOL DISTRICT  
OF LAWRENCE TOWNSHIP  
7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226

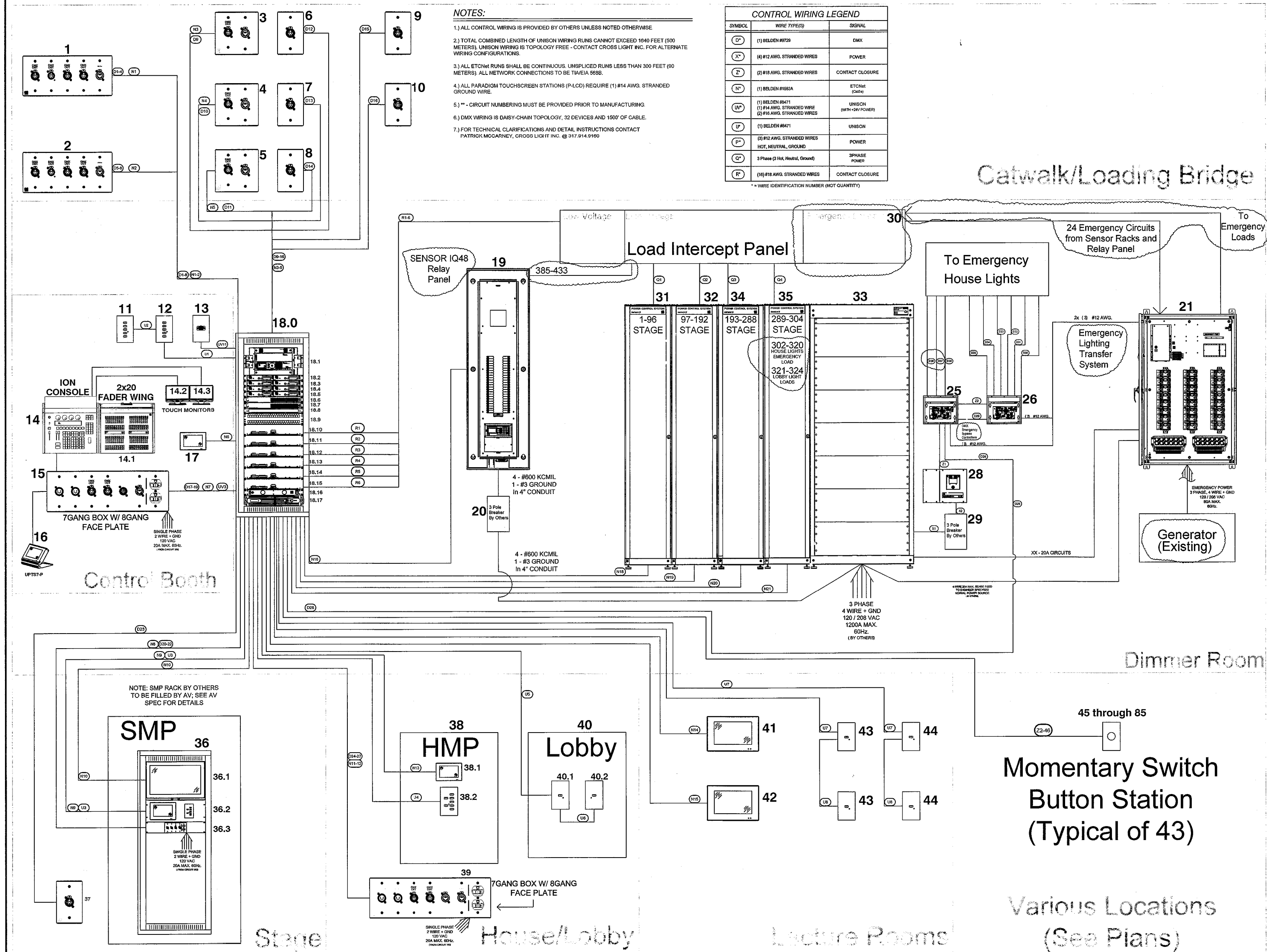


KEY PLAN

**FANNING/HOWEY**  
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317-848-0966

LIGHTING CONTROL RISER DIAGRAM	
DESIGNED BY: FH	DATE: 11/03/20
CHECKED BY: LS	DATE: 03/27/2017
REV. DESCRIPTION	DATE
1. ADDENDUM 1	4/25/17

**TL2.01**



VIEW KEY

NAME

LEVEL NAME

HEIGHT ABOVE PROJECT 0' - 0"

INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH

PLAN OR DETAIL NUMBER

PLAN OR DETAIL NAME

PLAN OR DETAIL SCALE

VIEW NAME

1/8" = 1'-0"

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS

DETAIL REFERRED TO BY SECTION CUT

SHEET DETAIL IS LOCATED ON

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS

DETAIL REFERRED TO BY ELEVATION

SHEET DETAIL IS LOCATED ON

LINE TYPE KEY:

NEW WORK (DARK SOLID LINE)

NEW WORK UNDERFLOOR OR UNDERGROUND (DARK LONG DASHED LINE)

NEW WORK BY OTHERS AND/OR EXISTING TO REMAIN (LIGHT SOLID LINE)

EXISTING TO BE REMOVED (DARK SHORT DASHED LINE)

CONTRACTOR ABBREVIATION KEY

ABBR:

DESCRIPTION:

A.V.C.

AUDIO/VISUAL CONTRACTOR

C.M.

CONSTRUCTION MANAGER

E.C.

ELECTRICAL CONTRACTOR

F.P.C.

FIRE PROTECTION CONTRACTOR

G.C.

GENERAL CONTRACTOR

H.C.

HEATING CONTRACTOR

M.C.

MECHANICAL CONTRACTOR

P.C.

PLUMBING CONTRACTOR

T.C.

TECHNOLOGY CONTRACTOR

AV TECHNOLOGY SYMBOL LIST			
SYMBOL:	EQUIPMENT LIST ABBREVIATION:	DESCRIPTION:	NOTE:
	AV-SP-E	PERFORMANCE AUDIO SPEAKER (CEILING) - EXISTING	
	AV-SP-E-C	PERFORMANCE AUDIO SPEAKER (CEILING) - TYPE #	
	AV-SP-E-W	PERFORMANCE AUDIO SPEAKER (WALL) - TYPE #	
	AV-SB1-C	SUBWOOFER (CEILING) - TYPE 1	
	AV-FB-E	AUDIO/VISUAL FLOOR BOX - EXISTING	1.
	AV-FB-1	AUDIO/VISUAL FLOOR BOX - TYPE 1	
	AV-FB-2	AUDIO/VISUAL FLOOR BOX - TYPE 2	
	AV-WFP-E	AUDIO/VISUAL FACEPLATE (WALL) - EXISTING	1.
	AV-WFP1-W	AUDIO/VISUAL FACEPLATE (WALL) - TYPE 1	
	AV-WFP2-W	AUDIO/VISUAL FACEPLATE (WALL) - TYPE 2	
	AV-WFP3-W	AUDIO/VISUAL FACEPLATE (WALL) - TYPE 3	
	AV-MP-E	MICROPHONE FACEPLATE (WALL) - EXISTING	1.
	AV-VCH-W	PERFORMANCE VOLUME CONTROL - TYPE #	
	AV-IS1-W	INTERCOM STATION (WALL) - TYPE 1	
	AV-IS2-W	INTERCOM STATION (WALL) - TYPE 2	
	AV-JB#-W	JUNCTION BOX (WALL) - TYPE #	1.
	CONDUIT	CONDUIT	2.
	CONDUIT DOWN	CONDUIT DOWN	2.
	CONDUIT UP OR UP/DOWN	CONDUIT UP OR UP/DOWN	2.
	CONDUIT SLEEVE	CONDUIT SLEEVE	2.
	CONTINUATION	CONTINUATION	2.

**GENERAL NOTES:**

- ALL SYMBOLS AND ABBREVIATIONS LISTED MAY NOT BE APPLICABLE TO THIS PROJECT. REFER TO THE AV EQUIPMENT SCHEDULE FOR MORE COMPLETE DESCRIPTION AND ITEMS.
- ALL SYMBOLS AND ABBREVIATIONS REFER TO TECHNOLOGY SHEETS ONLY AS DEFINED ON THE SHEET INDEX.
- ALL SYMBOLS LISTED ABOVE ARE FOR REFERENCE ONLY. REFER TO PLANS AND LINE TYPE KEY FOR NEW, EXISTING TO REMAIN AND TO BE REMOVED ITEMS FOR ADDITIONAL INFORMATION.

**TECHNOLOGY SYMBOL NOTES:**

- EXISTING TO REMAIN OR DEMO AS NOTED PER KEYNOTES AND GENERAL TECHNOLOGY EQUIPMENT SCHEDULE. BACK BOXES STAY.
- THE EXISTING CONDUIT AND PATHS ON SITE SHALL BE INSPECTED FOR REUSE PRIOR TO BIDDING THIS PROJECT. EXISTING CONDUIT APPEARS REUSABLE, UNO. SEE EXISTING CABLE DEMO REQUIREMENTS AND COORDINATE WITH EXISTING CONDUIT CONDITIONS.

TECHNOLOGY ABBREVIATION KEY	
ABBR:	DESCRIPTION:
AFF	ABOVE FINISHED FLOOR
BFC	BELOW FINISHED CEILING
C	CONDUIT
J-BOX	JUNCTION BOX
SIM	SIMILAR
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
#	MOUNTING HEIGHT ABOVE FINISHED FLOOR

SUGGESTED MATRIX OF RESPONSIBILITY				
ITEM:	SHOWN ON:	FURNISHED BY:	INSTALLED BY:	NOTES:
AV ROUGH-IN, REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR DEFINITION	T-SERIES	E.C.	E.C.	3, 4, 8.
AV OUTLET FACEPLATES, JACKS, AND TERMINATIONS	T-SERIES	A.V.C.	A.V.C.	8.
CONDUIT SLEEVES	T-SERIES	E.C.	E.C.	8.
AV SYSTEMS ROUGH-IN	T-SERIES	E.C.	E.C.	1, 8.
AV EQUIPMENT, CABLING, AND TERMINATIONS	T-SERIES	A.V.C.	A.V.C.	4.
GROUNDING LUGS ON TECHNOLOGY EQUIPMENT	T-SERIES	A.V.C.	E.C.	6.
BONDING SYSTEM FOR TECHNOLOGY SYSTEM	T-SERIES	E.C.	E.C.	7, 8.
CONNECTION OF TECHNOLOGY BONDING SYSTEM TO THE ELECTRICAL GROUND SYSTEM	T-SERIES	E.C.	E.C.	
LINE VOLTAGE POWER (+120V OR GREATER)	E-SERIES	E.C.	E.C.	8.
LINE VOLTAGE POWER (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	NA	E.C.	E.C.	2, 4, 8.
LOW VOLTAGE CABLING FOR TECHNOLOGY SYSTEMS	T-SERIES	A.V.C.	A.V.C.	7.
CABLE HANGERS AND SUPPORTS OR OTHER CABLE ROUTING METHODS (OTHER THAN CONDUIT AND CABLE TRAY)	T-SERIES	A.V.C.	A.V.C.	5.
AV FLOOR BOX (ROUGH-IN)	T-SERIES	A.V.C.	A.V.C.	
SUGGESTED MATRIX OF RESPONSIBILITY NOTES				
1. LOCATIONS OF AV ROUGH-INS SHALL BE INDICATED BY THE INFORMATION OUTLET SYMBOLS ON THE DRAWINGS. REFER TO THE TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION.				
2. BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.				
3. INCLUDES BACKBOXES, INTERIM PULLBOXES, AND CONDUIT REQUIRED FOR THE TECHNOLOGY SYSTEMS INSTALLATION.				
4. ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER OR FROM SYSTEM CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN.				
5. UNLESS TRADE RULES DICTATE OTHERWISE.				
6. FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.				
7. INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE BONDING SYSTEM REQUIRED BY THE SPECIFICATIONS.				
8. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE TECHNOLOGY ELECTRICAL RISER DIAGRAM.				

**AV TECHNOLOGY GENERAL NOTES:**

- ##### INDICATES GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ITEM LABELED AS "EQUIPMENT LIST ABBREVIATION"
- REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR FULL DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.

TECHNOLOGY MOUNTING SUBSCRIPT KEY:

- A MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH
- H MOUNT ORIENTED HORIZONTALLY
- L MOUNT IN CASEWORK
- M MOUNT IN MODULAR FURNITURE
- S MOUNT IN SURFACE RACEWAY

A SLASH IS USED BETWEEN TWO SUBSCRIPTS, e.g., AH.

**AV TECHNOLOGY INSTALLATION NOTES:**

- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO ADA GUIDELINES FOR ALL CONFIGURATIONS DETAIL ON THIS PAGE FOR ADDITIONAL INFORMATION.
- CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
- BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY. THRU-THE-WALL BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
- VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL AV INSTALLATION, ADJUST OUTLETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
- AV EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF AV DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
- REMOVE AND REINSTALL ALL CEILING TILES AS REQUIRED FOR THE EXECUTION OF TELECOMMUNICATIONS WORK THAT IS OUTSIDE THE CONTRACT LIMITS OF CONSTRUCTION. REPLACE CEILING TILES WITH IDENTICAL MATERIAL WHERE DAMAGED BY THIS CONTRACTOR.
- FLUSH MOUNT ALL AV OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED.
- E/C SHALL COORDINATE HIS CABLE PATHS AND EXTENSION ON SITE IN A TIMELY FASHION.

**AV TECHNOLOGY PHASING NOTES**

- THE EXISTING SCHOOL INTERCOM AND PAGING SYSTEM TO REMAIN OPERATIONAL. THE SYSTEM SHALL NOT BE DISRUPTED UNLESS COORDINATED IN ADVANCE WITH THE OWNER AND ENGINEER AND AT THEIR DISCRETION ON DATE AND TIME.
- REFER TO THE DRAWINGS FOR THE LOCATIONS OF THE NEW ACOUSTICAL CEILING CANOPY, ORCHESTRA PIT, AND EXISTING CONDITION FOR POWER HEADEND EQUIPMENT AND THE EXISTING ELECTRICAL EQUIPMENT LOCATIONS.

TECHNOLOGY SHEET INDEX	
T000	TECHNOLOGY COVER SHEET
T100	FIRST FLOOR DEMO PLAN - TECHNOLOGY
T101	SECOND FLOOR DEMO PLAN - TECHNOLOGY
T200	FIRST FLOOR PLAN - TECHNOLOGY
T201	SECOND FLOOR PLAN - TECHNOLOGY
T300	TECHNOLOGY DETAILS
T301	TECHNOLOGY DETAILS
T302	TECHNOLOGY DETAILS
T400	TECHNOLOGY SCHEDULES

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REFERENCE SCALE IN INCHES

1" = 1'0"

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AUDITORIUM RENOVATION

METROPOLITAN SCHOOL DISTRICT

OF LAWRENCE TOWNSHIP

7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226

TECHNOLOGY COVER SHEET

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ISSUE DATE: 03.20.17

DRAWN BY: JTB  
CHECKED BY:

REV DESCRIPTION DATE

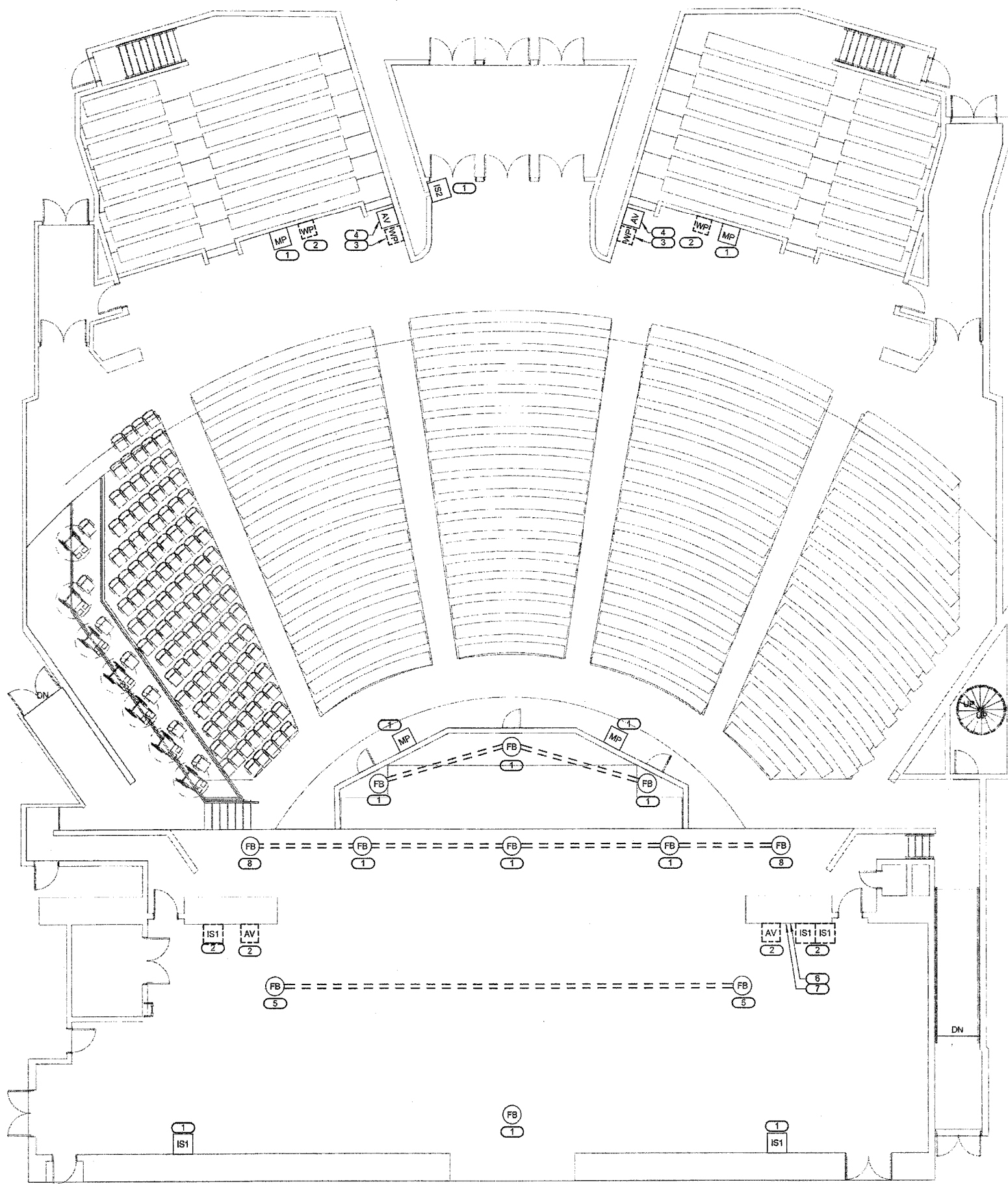
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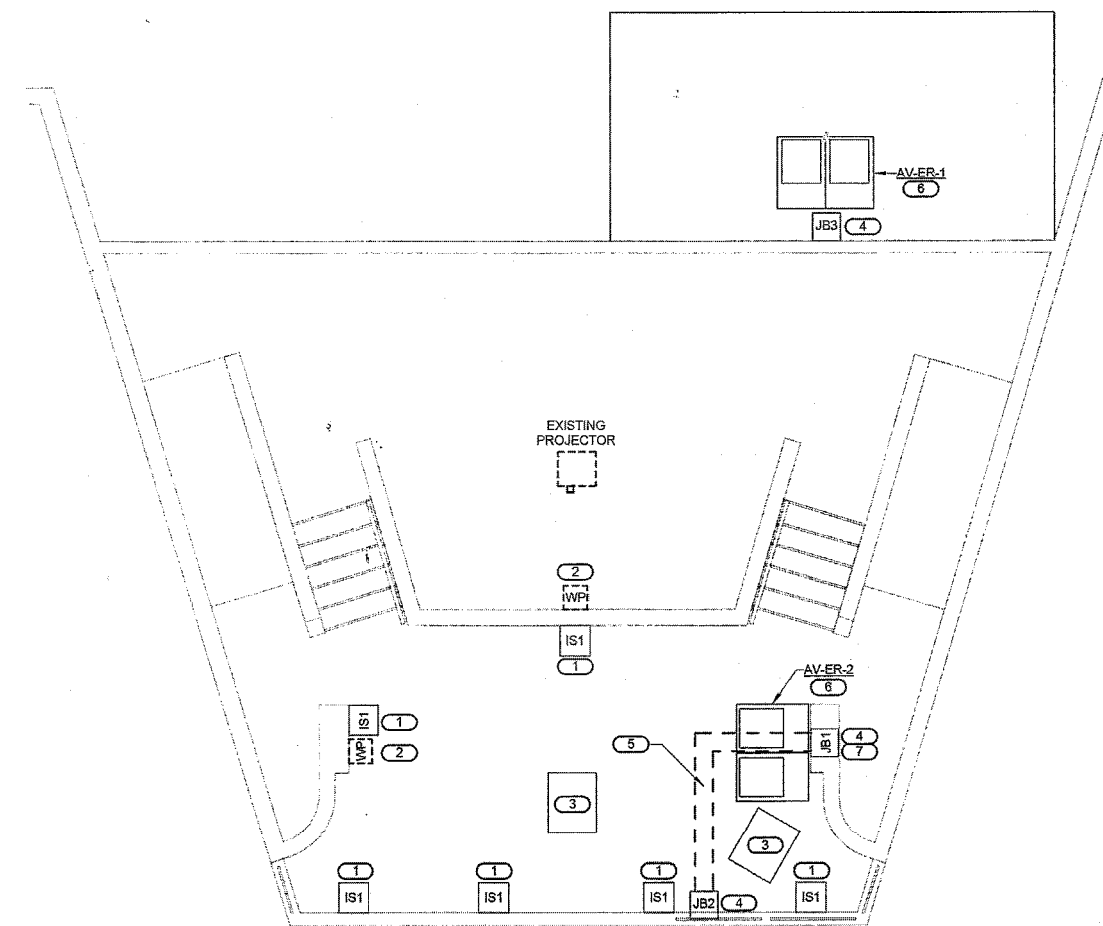
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# 1 FIRST FLOOR DEMO PLAN - AV TECHNOLOGY

1/8" = 1'-0"  
KEYNOTES: (8)

1. DEMO EXISTING PLATE, JACK, AND CABLE AND PREPARE BOX FOR REUSE WITH NEW PLATE. PROVIDE NEW CABLE, PLATE, AND JACKS. PROVIDE FLOOR BOX PLATES AT 45 DEGREE SLANT (NOT FLAT).
2. DEMO PLATE, TERMINATIONS, AND CABLE. COVER BOX WITH BLANK METAL COVER PLATE. CUT ALL CABLE LEADS, BLUNT CUT AND ABANDON CABLE IN PLACE WITH BLANK PLATE AS REQUIRED.
3. DEMO DYNACOM SYSTEM. PROVIDE BLANK PLATE AND COVERS ON EXISTING BACK BOXES.
4. EXISTING AV INPUT AND CONTROL TO PROJECTOR FOR LOCAL VIDEO REMAINS. PROTECT IN PLACE - VERIFY OPERATION.
5. DEMO INTERNAL PLATE AND AUDIO JACKS. ABANDON CABLE IF POSSIBLE. FLOOR BOX REMAINS.
6. DEMO 12"X12" PAGING CONTROL BOX AND CONDUIT. REMOVE CABLE TO SOURCE AS REQUIRED.
7. LIGHTING CONTROL BOX, DEMO BY OTHERS.
8. DEMO INTERNAL PLATE AND AUDIO JACKS, REMOVE CABLE IF POSSIBLE. FLOOR BOX REMAINS.



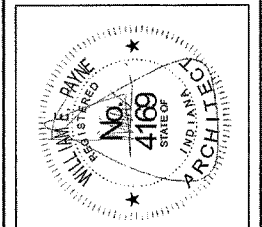
# 2 UPSTAIRS MIX POSITION DEMO PLAN - AV TECHNOLOGY

1/4" = 1'-0"  
KEYNOTES: (8)

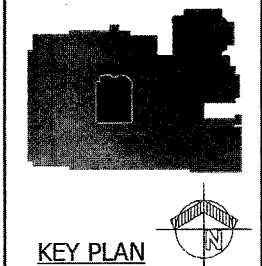
1. DEMO EXISTING PLATE AND JACK, AND PREPARE FOR REUSE. TAG CABLE AS PULL STRING TO PROVIDE NEW CABLE, PLATE, AND JACK.
2. DEMO AND PROVIDE BLANK PLATE/COVER. REMOVE CABLE TO SOURCE, IDENTIFY AND TAG CONDUIT FOR FUTURE USE.
3. EXISTING SLANTED RACKS. DEMO EXISTING AV COMPONENTS. PROTECT RACK SHELVES AND STORAGE DRAWERS FOR REUSE.
4. EXISTING AUDIO SYSTEM JUNCTION BOXES. DEMO AND REMOVE ALL AV CABLE, U.N.O., TO SOURCE AND FIELD TERMINATION.
5. EXISTING CABLE ROUTE UNDER FLOOR WITH METAL COVER. PULL COVER AND CLEAN AS REQUIRED. REMOVE ALL AV CABLE.
6. CLEAR AND CLEAN RACKS AND CABLING. DO NOT REUSE ANY AV CABLING. UNO. COORDINATE EXISTING POWER WITH NEW AV POWER RISER DETAIL. TEST, VERIFY, AND REPORT ON SHOPS. EXISTING AC POWER WITH ALL NEW WORK. SEE DIV 28 SCOPE FOR AV AND AC. AVO SHALL FULLY COMPLY WITH DIV 27 41 01 AND DIV 27 05 01 SPECIFICATIONS FOR AV SHOPS WITH TESTED, UNIFORM GROUND WIRE FROM SINGLE AV PANEL FOR ALL RACKS.
7. EXISTING CONDUIT INCLUDES, BUT IS NOT LIMITED TO: 1-1/2" C (232 - 24 QTY), INTERCOM - WP 285 - (12 QTY) 3/4" C, MIC LINES - (4 QTY) 3/4" C, SNAKE CABLE DOWN. DEMO ALL CABLE IN THESE CONDUITS. ADDITIONAL 3/4" THROUGH 1-1/2" C AVAILABLE.

- SHEET NOTES:**
1. REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ON T400 FOR DEVICE INFORMATION AND GENERAL CONDUIT REQUIREMENTS.
  2. EXISTING AV CONDUIT MAY BE REUSED OR EXTENDED FOR NEW CABLING. AV CONTRACTOR SHALL VISIT SITE BEFORE BIDDING TO INSPECT FOR REUSE.
  3. NO AV CABLE IS REUSED ANYWHERE, UNLESS SPECIFICALLY NOTED OTHERWISE.
  4. IF ANY AV CABLE IS NOTED FOR REUSE, IT MUST BE TESTED, TAGGED, AND REPORTED ON A FIELD SCHEDULE, WITH TEST DATE TO OCCUR BEFORE DEMO DATE. SCHEDULE OF TEST, REPORT, AND DATE SHALL APPEAR ON SHOPS (SUBMITTALS) FOR ANY AND ALL CABLE THAT IS REUSED.
  5. ALL EXISTING AV BOXES THAT ARE NOT REUSED SHALL BE COVERED WITH A NEW METAL BLANK PLATE.
  6. ANY AV CABLE THAT IS NOTED AS ABANDONED IN PLACE SHALL BE BLUNT CUT AND TAPED AT EACH CABLE, AND A BLANK METAL PLATE SHALL COVER.
  7. IF CABLE IS NOT NOTED TO BE ABANDONED IN PLACE, COVERED, OR REUSED, IT IS PULLED OUT AND DISCARDED.
  8. IN ALL CASES, NO MICROPHONE CABLE IS REUSED, ANYWHERE. CLEAR EXISTING MICROPHONE CONDUITS.
  9. IF ANY PLATE OR JACK IS NOTED AS SPECIFICALLY REUSED, IT SHALL BE A NEW JACK, NEW TERMINATION, NEW LABEL, AND TESTED UNDER WARRANTY.

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FIRST FLOOR DEMO PLAN -  
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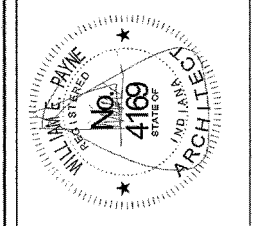
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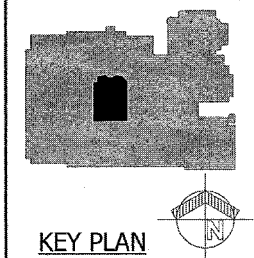
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REFERENCE SCALE IN INCHES  
1" = 1'-0"



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KEY PLAN

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SECOND FLOOR DEMO PLAN -  
TECHNOLOGY

CONTRACT NO.:  
ISSUE DATE: 03/2017

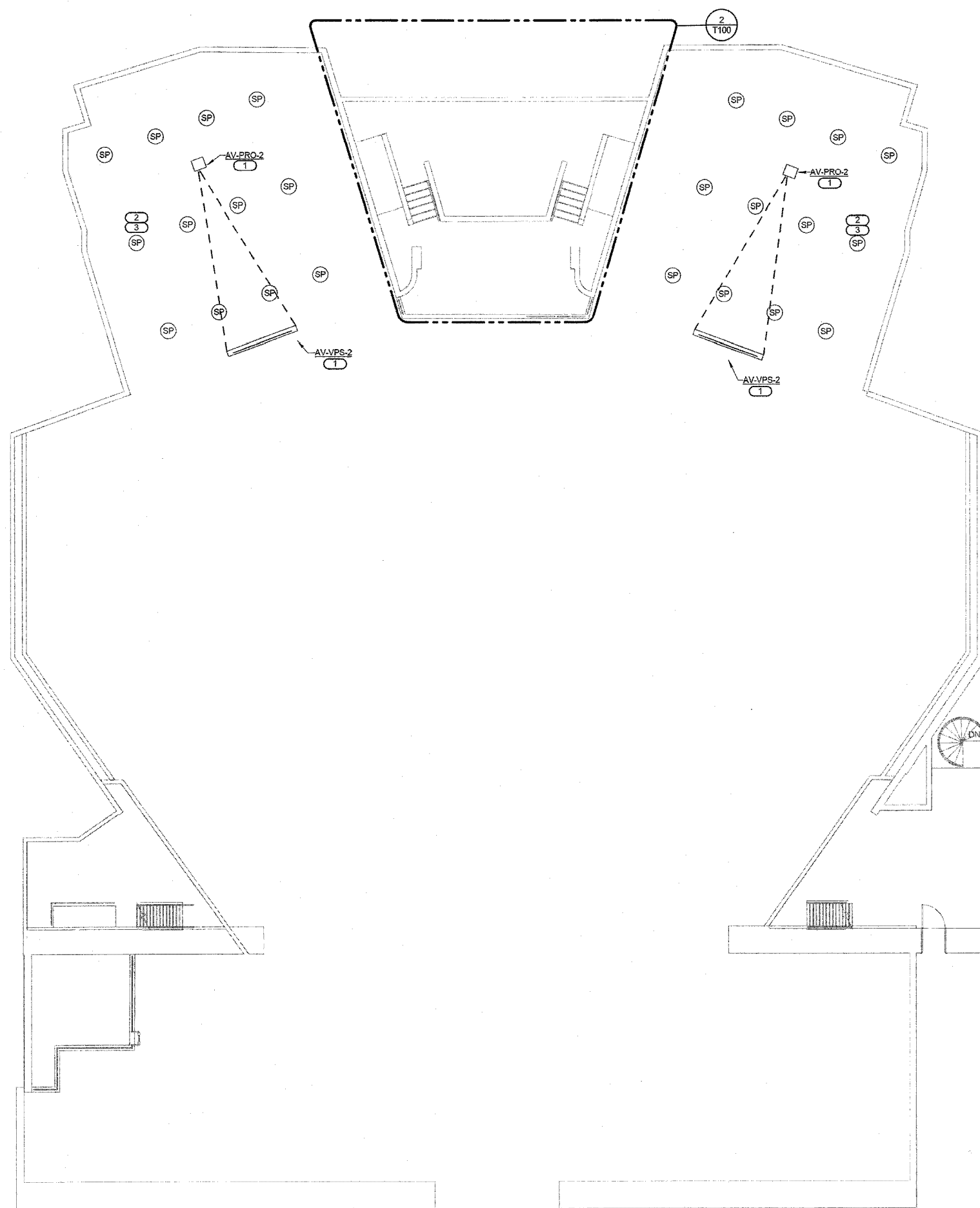
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SHEET NOTES:

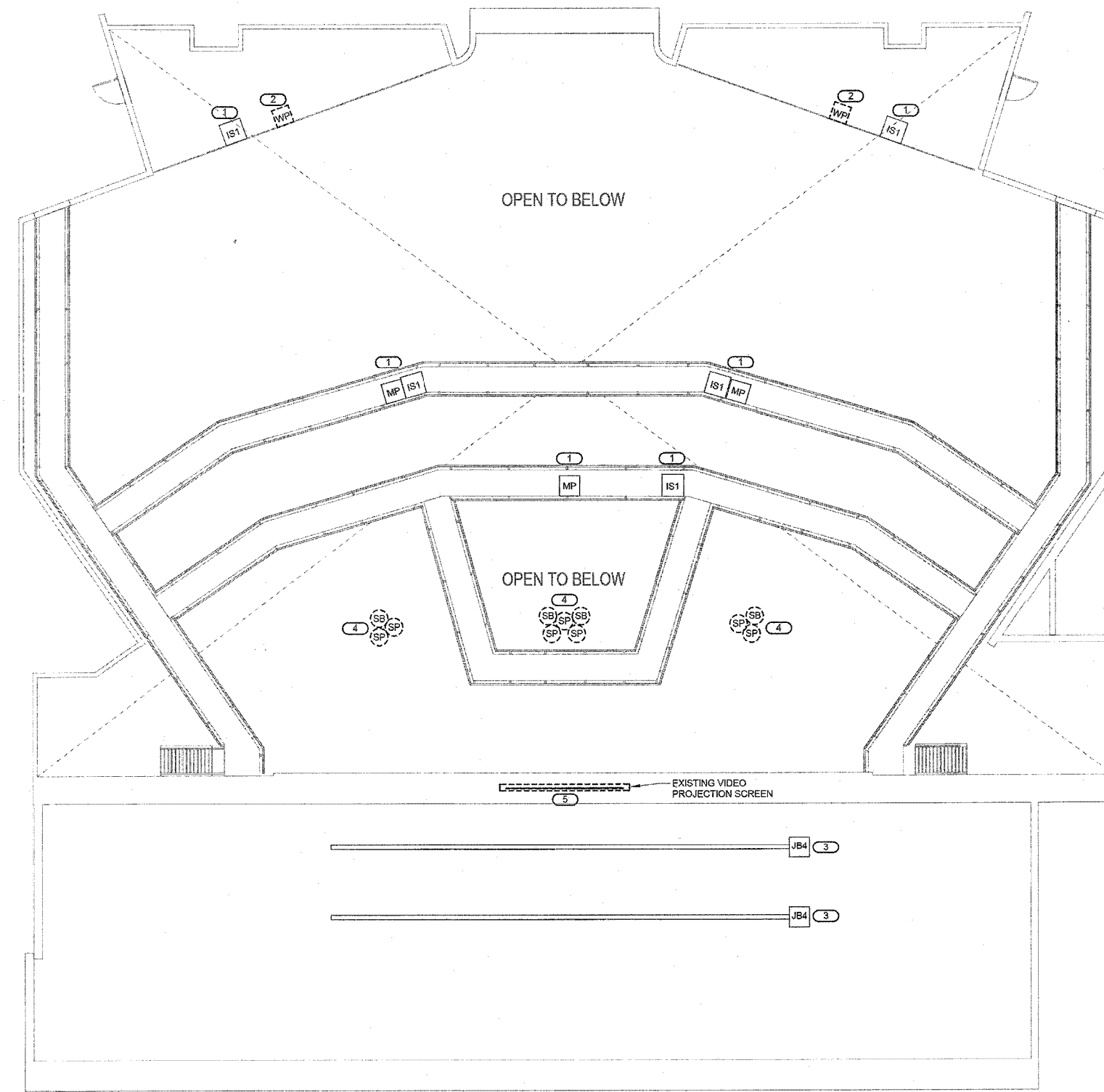
1. REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ON T400 FOR DEVICE INFORMATION AND GENERAL CONDUIT REQUIREMENTS.
2. EXISTING AV CONDUIT MAY BE REUSED OR EXTENDED FOR NEW CABLE. AV CONTRACTOR SHALL VISIT SITE BEFORE BIDDING TO INSPECT FOR REUSE.
3. NO AV CABLE IS REUSED ANYWHERE, UNLESS SPECIFICALLY NOTED OTHERWISE.
4. IF ANY AV CABLE IS NOTED FOR REUSE, IT MUST BE TESTED, TAGGED, AND REPORTED ON A FIELD SCHEDULE, WITH TEST DATE TO OCCUR BEFORE DEMO DATE. SCHEDULE OF TEST, REPORT, AND DATE SHALL APPEAR ON SHOPS (SUBMITTALS) FOR ANY AND ALL CABLE THAT IS REUSED.
5. ALL EXISTING AV BOXES THAT ARE NOT REUSED SHALL BE COVERED WITH A NEW METAL BLANK PLATE.
6. ANY AV CABLE THAT IS NOTED AS ABANDONED IN PLACE SHALL BE BLUNT CUT AND TAPED AT EACH CABLE, AND A BLANK METAL PLATE SHALL COVER.
7. IF CABLE IS NOT NOTED TO BE ABANDONED IN PLACE, COVERED, OR REUSED, IT IS PULLED OUT AND DISCARDED.
8. IN ALL CASES, NO MICROPHONE CABLE IS REUSED, ANYWHERE. CLEAR EXISTING MICROPHONE CONDUITS.
9. IF ANY PLATE OR JACK IS NOTED AS SPECIFICALLY REUSED, IT SHALL BE A NEW JACK, NEW TERMINATION, NEW LABEL, AND TESTED UNDER WARRANTY.



1 SECOND FLOOR DEMO PLAN - AV TECHNOLOGY

1/8" = 1'-0"  
KEYNOTES: (B)

1. REUSE EXISTING VIDEO SCREEN AND PROJECTOR. PROTECT IN PLACE. TEST FOR REUSE BEFORE DEMO DATE AND REPORT STATUS ON FIELD SCHEDULE.
2. REUSE EXISTING CEILING SPEAKERS. PROTECT DURING DEMO AND TEST, TAG, AND REPORT CEILING SPEAKER CABLE BEFORE DEMO DATE.
3. EXTEND EXISTING 20V/70W SPEAKER CABLE TO NEW AV RACKS, ONLY WHEN TESTED AND REPORTED WITH DATE, FIRST, T-TAP CONSTANT VOLTAGE CABLE INSIDE PULL BOX, ONLY.



2 CATWALK LEVEL DEMO PLAN - AV TECHNOLOGY


1/8" = 1'-0"  
KEYNOTES: (B)

1. DEMO EXISTING PLATE, JACK, AND PREPARE FOR REUSE. TAG CABLE FOR PULL STRING AND REMOVE EXISTING CABLE.
2. DEMO AND PROVIDE BLANK PLATE OR COVER. REMOVE CABLE TO SOURCE. IDENTIFY AND TAG CONDUIT FOR FUTURE USE.
3. DEMO EXISTING OVERHEAD MICROPHONES BOX AND TURN OVER TO OWNER. REMOVE CABLE AND TAG JUNCTION BOXES FOR REUSE WITH NEW CABLE, NEW MICS.
4. DEMO ALL EXISTING MAIN LOUDSPEAKERS, RIGGING COMPONENTS, AND ALL CABLE TO SOURCE. NO EXISTING CABLE IS REUSED.
5. DEMO EXISTING VIDEO SCREEN. PREPARE SPACE FOR REPLACEMENT SCREEN.

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INDIANAPOLIS, IN 46241  
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REFERENCE SCALE IN INCHES  
1" = 1'-0"  
0 1 2 3




$$1/8'' = 1'-0''$$

**KEYNOTES:** 

1. COORDINATE  
APPROXIMATE

- EXISTING FLOOR TO REMAIN. PROVIDE NEW BLANK PLATE FOR PUTTY HOLE.
- EXISTING FLOOR TO REMAIN. PROVIDE NEW BLANK PLATE FOR PUTTY HOLE.
- SETTLEMENT BASEMENT BELOW FOR REUSE OF EXISTING CONDUIT AND BOXES.
- REMOVE EXISTING UNBLINDS, EXISTING CONDUIT AND CATEGORY CABLE TO FIT LIFT BOXES. CONFIRM AS MOISTURE FREE WHEN A/C CONDIT IS IN PFT FLOOR.
- VOLUME CONTROL AT SWITCH HEIGHT. SPEAKER AT 90° APPLIC. IN CORRIDOR, AIMED TO PROVIDE OPTIMUM SOUND FIELD.
- EXISTING CABLE IS REQUIRED IN EXISTING CONDUITS AND GUTTER BOX. BELOW. CLEAR NEW CABLE FROM EXISTING CONDUIT.
- NEW CIRCUIT #31 EXTENDED FROM EXISTING PANEL #4.2 IN SOUTH CORRIDOR AND TO STAGE MANAGER'S RACK. EXISTING 1-GANG WALL DUPLEX FOR LIGHTING DIMMING SYSTEM TO BE REMOVED. NEW 1-GANG WALL DUPLEX FOR LIGHTING DIMMING SYSTEM TO BE REMOVED. OTHERS. SEE ELEVATION DETAIL 17302 FOR LIGHTING POSITION AT STAGE. SEE DETAIL 17301 FOR LIGHTING POSITION AT STAGE.
- ABANDON EXISTING A/C CABLE BELOW WITH BLUNT CUT AND TAPE OFF, WHEN POSSIBLE.
- NEW A/C CABLEING REQUIRED. REMOVE EXISTING CONDUIT IS ALLOWED.
- REMOVE EXISTING CONDUIT AND CABLE FROM STAGE.



$1/4'' = 1'-0''$

#### KEYNOTES: (#)

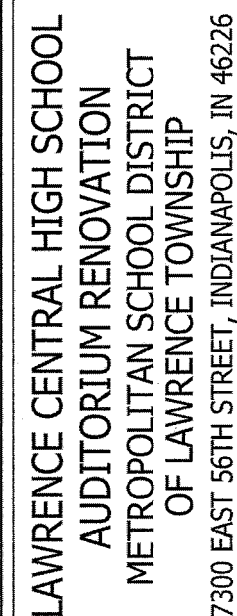
1. EXISTING CA  
CONTROL D  
2. VERIFY FINA

2. VERIFY PANEL FIELD LOCATION WITH EXISTING 20 AMP POWER AND NEW CABLING. SUBMIT PHOTO'S REQUIRE LENS VERIFICATION TO NEW SCREEN, BEFORE INSTALLATION.
3. SEE DETAIL 1/3701 FOR DIV 16 WORK REQUIRED WITH EXISTING POWER. REFER TO ELECTRICAL DRAWINGS WITH EXISTING PANEL #1x12.
4. (2 QTY) EXISTING AUDIO DUPLEX, E.C. TO ADD AV-SRGX-W SURGE PROTECTION WITH REMOTE LOW VOLTAGE CONTROL BETWEEN ELECTRICAL PANEL #1x12 CIRCUIT #48 AND MIX BOOTH DUPLEX OUTLETS FOR SEQUENTIAL POWER TO DIGITAL MIX CONTROL AT BOOTH. REFER TO DETAIL 1/3702 FOR MORE INFORMATION.

**SHEET NOTES :**

1. REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ON T400 FOR DEVICE INFORMATION AND GENERAL CONDUIT REQUIREMENTS.

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## KEY PLAN

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**FIRST FLOOR PLAN - TECHNOLOGY**

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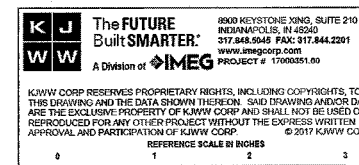
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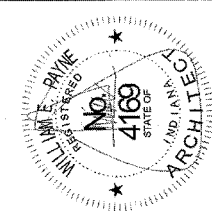
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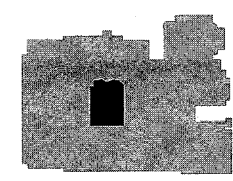
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- SHEET NOTES:**
1. REFER TO GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ON T400 FOR DEVICE INFORMATION AND GENERAL CONDUIT REQUIREMENTS.
  2. ALL NEW LOUSPEAKERS ON THIS SHEET ARE PRECISION AIM, PE RATED OVERHEAD SUSPENSION, AND SHALL HAVE SUPPLEMENTAL STEEL AS REQUIRED TO MAINTAIN PLACEMENT PER LOUSPEAKER LOCATION AND AIM SCHEDULE ON SHEET T400. NO EXCEPTION. COORDINATE WITH LIFT ACCESS IN A TIMELY FASHION AND NOTIFY KJWW WHEN SPEAKER AIM AND ROUGHIN IS COMPLETE, WHILE LIFT ACCESS REMAINS. SPEAKER INSTALLATION IS REQUIRED BY QUALIFIED AV CONTRACTOR, ON SITE, AND SHALL NOT BE REASSIGNED.
  3. PULL SPEAKERS TIGHT TO CLOUD EDGES AND VENT OPENINGS. MAINTAIN CLEAR SIGHT LINES FOR SPEAKER FACE AND ITS INCLUDED COVERAGE ANGLE. MAINTAIN SYMMETRY AND AIM ANGLE AT ALL TIMES.



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AUDITORIUM RENOVATION  
METROPOLITAN SCHOOL DISTRICT  
OF LAWRENCE TOWNSHIP  
7300 EAST 56TH STREET, INDIANAPOLIS, IN 46226



KEY PLAN

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SECOND FLOOR PLAN - TECHNOLOGY

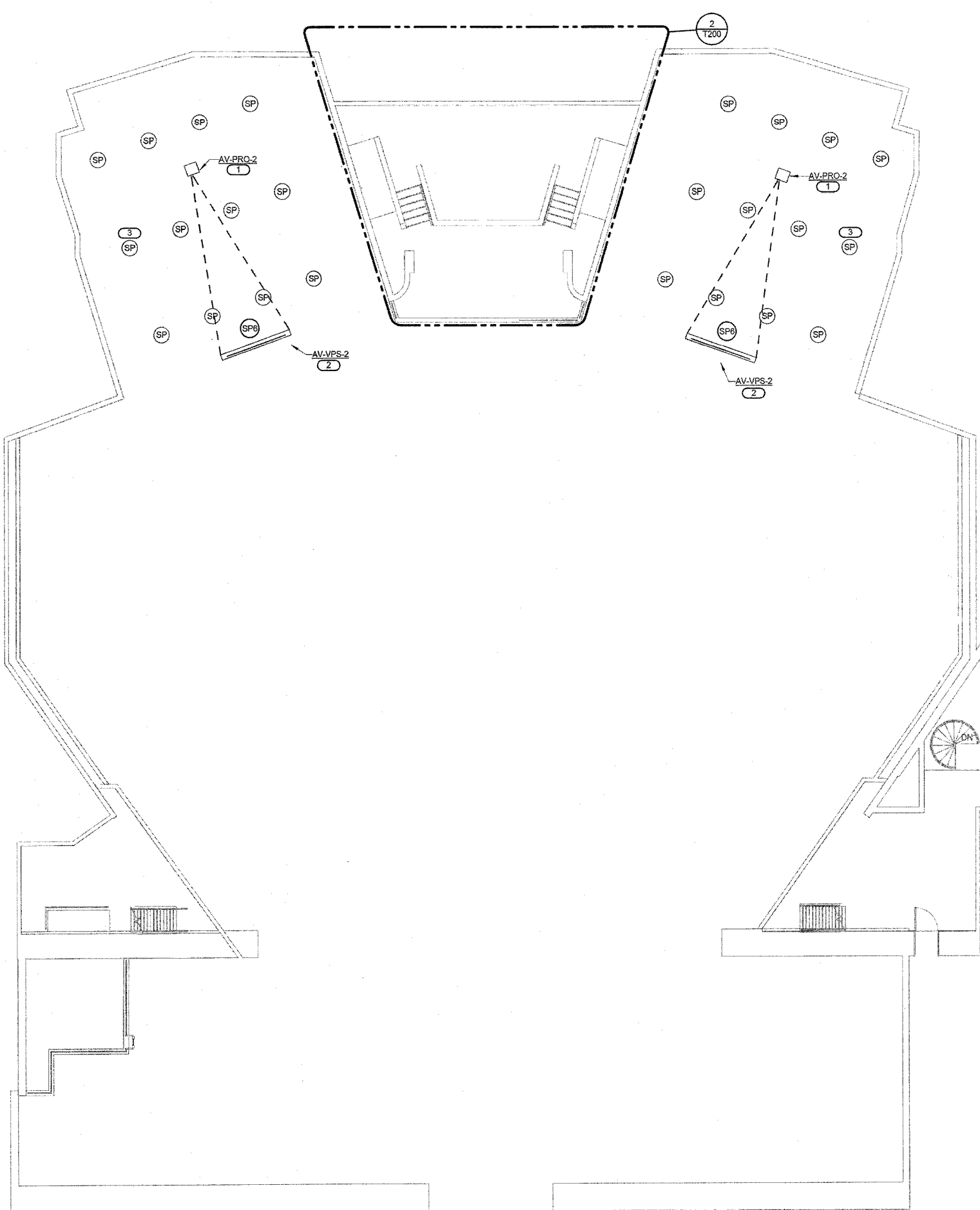
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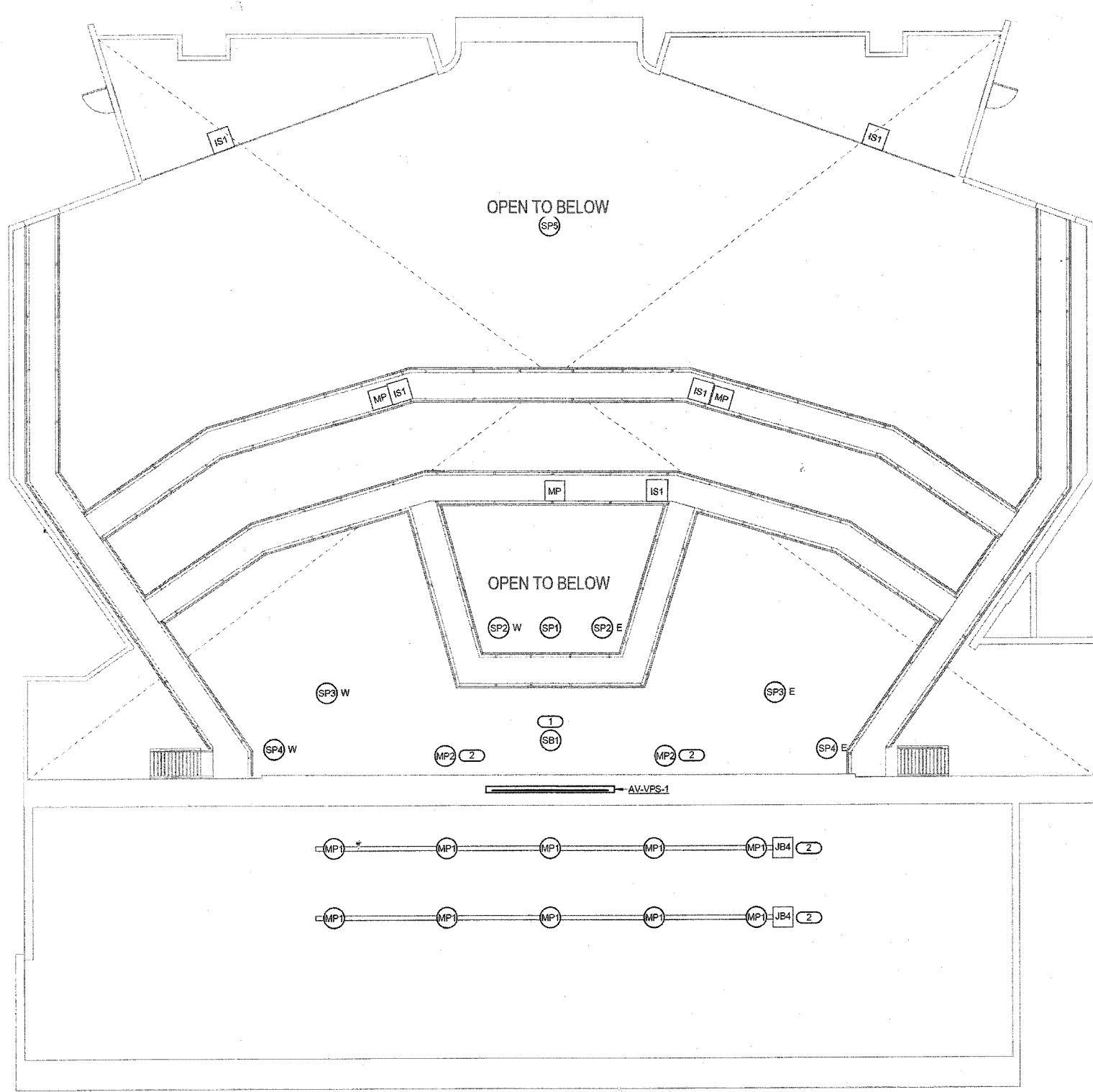
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**1 SECOND FLOOR PLAN - AV TECHNOLOGY**  
1/8" = 1'-0"  
KEYNOTES: (P)  
1. VERIFY EXISTING PROJECTOR OPERATION BEFORE DEMO AND PROVIDE DATE ON FIELD SCHEDULE.  
2. REUSED EXISTING SCREEN AS IS, AFTER VERIFYING OPERATION.  
3. ALL 20W/70W SPEAKERS ARE TESTED BEFORE DEMO AND REUSED. VERIFY SPEAKER CABLE CIRCUIT IS AVAILABLE FOR REUSE AND EXTEND TO NEW AMPLIFIER RACK. PROVIDE PLENUM CABLE IF IN OPEN SPACES.



**2 CATWALK LEVEL PLAN - AV TECHNOLOGY**  
1/8" = 1'-0"  
KEYNOTES: (W)  
1. MOUNT BLACK SUBWOOFER TO CEILING WALL JUNCTURE NO FURTHER THAN 2 FEET AWAY FROM EITHER UPPER PROSCENIUM WALL OR CEILING.  
2. SEE GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ON T400 FOR MICROPHONE AFF. MOUNT UNIFORMLY WITH CURTAINS CLOSE TO STAGE PRESENTATION POSITION. SEE SPECIFICATIONS FOR MORE REQUIREMENTS. ALL CAPSULES ARE BLACK.

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REFERENCE SCALE IN INCHES  
0 1 2 3



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T300

REV	DESCRIPTION	DATE	BY
1	Initial Design	10/10/2010	J. Smith
2	Revised Design	11/05/2010	J. Smith
3	Final Design	12/15/2010	J. Smith

# T300

1. EQUIPMENT IN CONTROL ROOM 2ND FLOOR: ALL RACK- MOUNTED EQUIPMENT TO BE REMOVED FROM CONTROL ROOM. PORT TO EQUIPMENT RACK DETAIL 27/302.

2. EQUIPMENT IN AMP RACK: ALL RACK MOUNTED EQUIPMENT TO BE REMOVED FROM AMP RACK. PORT TO EQUIPMENT RACK DETAIL 27/302.

3. OVERHEAD MIC'S AND CABLES ON BATTENS, U.N.O. SYSTEMS AND UNIFORM SPACING IS REQUIRED FOR ROUGHING AND CABLE DROPS. PROVIDE MANAGER SPECIFIC INFORMATION FOR ALL OVERHEAD MIC'S AT END OF BATTEN WITH APPROPRIATE SLAG. KEEP ALL CABLES FOR CABLES AWAY FROM BATTENS. IF CABLES ARE NEEDED, CROSS OVER ADJACENT POWER WITH CLEARANCE. DETAIL CABLE MAINTENANCE ON SHOPS FOR CABLE INSTALLATION FOR OVERHEAD MIC'S, 9' AFF. PROVIDE XLR PANTAIL. SEE SPECIFICATION 27/100. REQUIRE 1/2" CABLE.

4. DUAL 14-GUAGE SPEAKER WIRE TO EACH CABINET. PROVIDE SUGGESTED 1/2" STEEL CABLE. PROVIDE PRECISELY THE LOCATION AND POSITION WITH CEILING CLOUDS WITH THIS AVAILABLE.

5. COORDINATE INTERCOM CABLING AND PATH AS REQUIRED. REVIEW POWER SUPPLY AND CABLES FOR MANUFACTURE. PROVIDE WIRE PULLS USED ON SITE AND MAINTAIN RESERVE FOR CLEAR LEVELS. PROVIDE THERMAL SHOCK BLOCK AT EACH END OF CABLE AS REQUIRED FOR FIELD LINES. MAINTAIN CIRCULATING CABLE ROUTES. IN EXISTING TRUNKS FOR EXTEND AND ADD. AND DO NOT T-TAP. COORDINATE WITH MANUFACTURERS IN ADVANCE. TAG ALL CABLES AT ALL INTERFACES.

6. QUANTITY PER PLANS WITH MULTIPLE CHANNELS AND TAGGED INTERPULL BOXES. PROVIDE 1/2" CABLE FOR EACH CHANNEL.

7. INSTALLATION OF PODIUM MIC WITH ROSSER SOLUTION MOUNT IN EXISTING PANTAIL. PROVIDE PANTAIL WITH XLR AT BASE OF PODIUM AND ROSSER JACKET 30' XLR CABLE.

8. PROVIDE PANTAIL WITH BREAKOUT CABLE TO FLOOR BOX. DO NOT USE FOIL WRAPPED MIC CABLE FOR THIS PORTABLE DEVICE. PROVIDE PANTAIL FOR PODIUM FOR CABLE MANAGEMENT.

9. SEE LOUDSPEAKER LOCATION AND AIM SPECIFICATIONS ON T40. FOR ALL SPEAKER REQUIREMENTS BY AWC WITH LIFT. REVIEW ARCHITECTURAL DRAWINGS AND PROVIDE SUBMITTAL SHOP DRAWING FOR CABLE INSTALLATION. NO EXCEPTION. PANTAIL SUSPENSIONS IF EXPEDITED.

10. PROVIDE WIRELESS FOR PORTABLE CASE. RE-RACK WIRELESS AT MAIN RACK AND TURN OVER PORTABLE TO MANAGER.

11. PROVIDE 1/2" MIC'S, A DETAILED DSP PATHFINDER IS REQUIRED FOR SHOPS AND IS REQUIRED FOR TYPICAL. PROVIDE NO APPROVAL OF SHOPS WILL BE PERMITTED WITHOUT PATHFINDER REVIEWED BY KJWW ENGINEERING. NOTE: ALL MIC'S AND CABLES RESOURCES USED WITH PATHFINDER SUBMISSION. SIGNAL BLOCK SHALL BE LABELED FOR ACTUAL RACK. PROVIDE 1/2" CABLES INSTALLED IN ALL MIC PATHS. AN OVERLOAD INDICATOR FOR EACH GAIN STAGE, AND SHALL BE PROVIDED FOR EACH STAGE.

12. MANAGE COAX EXTENSION OUTSIDE OF RACK TO BE LINE OF SIGHT.

13. ALL CABLES PORTS AND SPARE CABLES FOR FUTURE EXPANSION TO NEAREST MOUNT.

14. TEST EXISTING SPEAKER CABLE AND REUSE IF ALLOWED WITH NEW SPEAKON JACK WHEN IN CONDUCT. PROVIDE 1/2" CABLE.

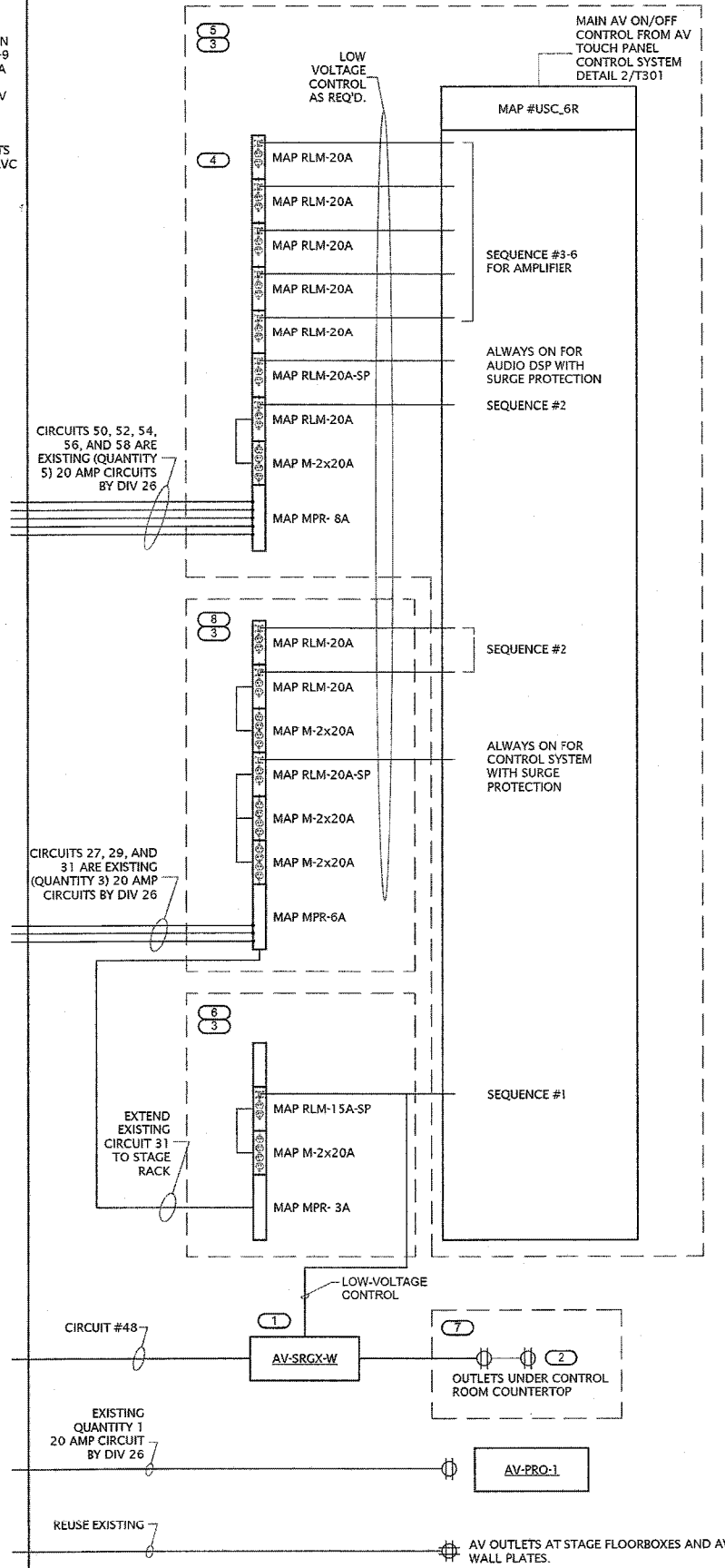
15. VERIFY LOCATIONS ON SITE. PROVIDE TVO SPEAKER AND VOLUME CONTROL IN EACH ROOM. PROVIDE ROOM AT EXISTING LOCATION. PROVIDE AWC/2W INTERCOM SPEAKER STATION IN EACH DRESSING ROOM AT EXISTING LOCATIONS.

16. PROVIDE EXTERNAL ANTENNA OUTSIDE RACK FOR WIRELESS AS REQUIRED FOR INTERCOM.

17. RACK MOUNTED VOLUME CONTROL. AWC/2W IS LOCATED IN STAGE MANAGER'S RACK. AWC/2W IS LOCATED IN STAGE MANAGER'S RACK. AWC/2W IS LOCATED IN STAGE MANAGER'S RACK.

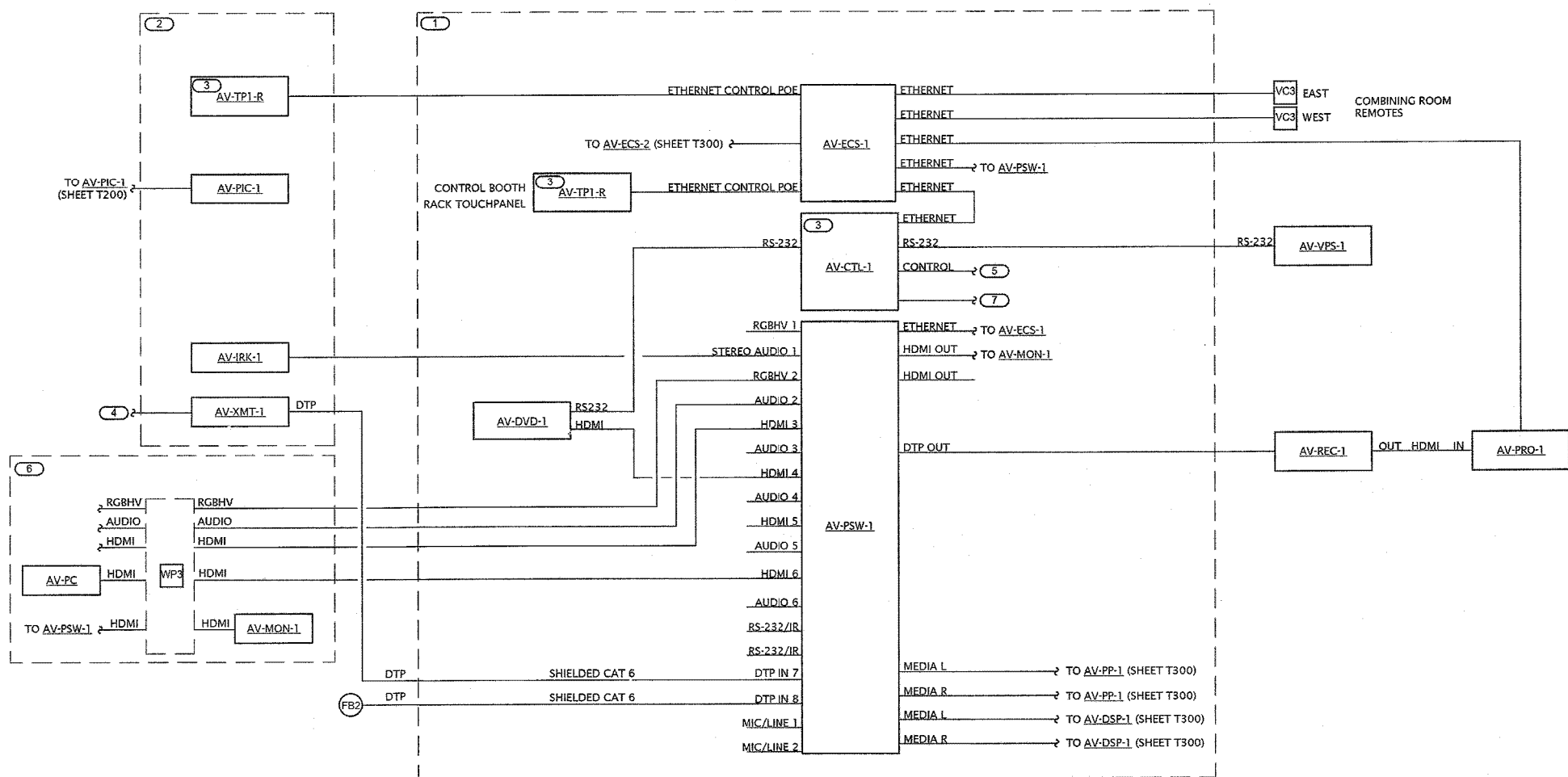


EXISTING #1x12 SINGLE PHASE DEDICATED SUB-PANEL FOR AV. (BY DIV 26)  
SEE PANEL SCHEDULES ON EXISTING ELECTRICAL E3-9 OF 20. MAINTAIN ONLY A SINGLE, DEDICATED GROUND WIRE TO ALL AV RACKS FROM SAME AC PANEL FOR HUM FREE INSTALLATION.  
SEE DIV 26 REQUIREMENTS AND COORDINATE WITH AVC IN ADVANCE.  
(3)



# 1 ELECTRICAL RISER DIAGRAM

- NO SCALE  
NOTES:
1. REVIEW AV AC POWER LOCATION WITH DIV 26 BEFORE BID DATE AND INCLUDE ALL WORK.
  2. AV RACK STRIPS AND SEQUENCER IS PROVIDED BY AV DIV 27 TO EC DIV 26 - INSTALLED BY DIV 26 CONTRACTOR.
  3. REFER TO SPECIFICATION 27.41.01 FOR AC POWER SEQUENCER REQUIREMENTS AND PRODUCT MODEL.
- KEYNOTES: (E)
1. DIV 27 CONTRACTOR TO PROVIDE LOW-VOLTAGE CONTROL FOR SEQUENCE ON/OFF. MOUNT SURGE AT MIX AREA AND INSERT BEFORE EXISTING AC UTILITY OUTLETS AT WALL FOR MIXER.
  2. COORDINATE WITH THEATRICAL SCOPE AND DRAWINGS PLUS ARCHITECTURAL DRAWINGS FOR MEANS AND METHODS. VERIFY SINGLE TECHNICAL GROUND BETWEEN BOOTH AND RACKS WITH DIV 26 EC.
  3. TEST FOR AV TECHNICAL GROUND TO AV RACKS AND VERIFY SINGLE GROUND WITHOUT HUM OR BUZZ. ALL AV SHALL BE A UNIPONT TECHNICAL GROUND BETWEEN ALL SYSTEM RACKS AND MIX LOCATION. MODULAR POWER STRIP PROVIDED BY DIV 27 WITH 120VAC TERMINATION BY DIV 26.
  4. MAIN AMP RACK - AV-ER-1.
  5. STAGE MANAGER'S RACK - AV-ER-2.
  6. STAGE MANAGER'S RACK - AV-ER-3.
  7. COUNTER TOP OUTLETS.
  8. CONTROL BOOTH RACK - AV-ER-4.



# 2 VIDEO/CONTROL RISER DIAGRAM

- NO SCALE  
NOTES:
1. REFER TO RACK ELEVATION DETAILS 1/T302 AND 2/T302 FOR MORE INFORMATION.
- KEYNOTES: (E)
1. CONTROL BOOTH RACK AV-ER-2 - REFER TO ELEVATION 2/T302.
  2. STAGE MANAGER RACK AV-ER-3 - REFER TO DETAIL 1/T302 FOR LAYOUT.
  3. ALL TOUCH PANELS ARE PROGRAMMED IDENTICALLY. REFER TO SPEC 27.41.01 AND 27.05.01 FOR COMPLETE CONTROL REQUIREMENTS. TOUCH PANEL CONTROLS SHALL INCLUDE, BUT NOT BE LIMITED TO:
    - MAIN AV SYSTEM POWER ON/OFF
    - PROJECTOR ON/OFF AND VIDEO MUTE
    - SYSTEM MODE: SIMPLE OR FULL TECHNICAL
    - AUDIO VOLUME CONTROL:
      - AUTOMATIC VOLUMES
      - WIRELESS AUTOMATIC - HEADSET
      - WIRELESS AUTOMATIC - HANDHELD
      - MEDIA INPUT (PLATE AND RACK)
      - VIDEO (SWITCHER) AUDIO VOLUME
      - MASTER TALKER VOLUME
      - MASTER MEDIA VOLUME
    - VIDEO SWITCHING:
      - INPUTS TO PROJECTOR
      - PORTABLE MEDIA INPUT CONTROL
      - VIDEO SCREEN CONTROL
      - DVD PLAYBACK CONTROLS
      - PRESET LIGHTING CONTROL - (CABLE AND PRESETS BY OTHERS)
    - PROVIDE VGA, 3.5mm, AND HDMI CABLE FOR CONNECTION OF OWNER PROVIDED EQUIPMENT AT STAGE MANAGERS RACK.
    - MAIN AV SYSTEM ON/OFF CONTROL TO AC POWER SEQUENCER. REFER TO DETAIL 1/T301.
    - CONTROL BOOTH DESK: PROVIDE VGA, 3.5mm AUDIO, AND HDMI CABLE TO CONTROL BOOTH DESK FOR PORTABLE LAPTOP INPUT. PROVIDE HDMI CABLE TO LOCAL PC AND LOCAL PREVIEW DISPLAY.
    - RS-232 CONTROL TO AUDITORIUM LIGHTING SYSTEM FOR LIGHTING PRESET. PROVIDE CONTROL CABLE FROM RACK TO WALL MOUNTED RS-232 OUTLET. INSTALLED BY LIGHTING SYSTEM CONTRACTOR. COORDINATE WITH LIGHTING CONTROL CONTRACTOR FOR CONTROL REQUIREMENTS.

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1000 NEVADAN AVE, SUITE 200  
BOCA RATON, FL 33433  
TEL: 561.994.0000 FAX: 561.994.0001  
WWW.MEASUREMENT.COM  
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1000 NEVADAN AVE, SUITE 200  
BOCA RATON, FL 33433  
TEL: 561.994.0000 FAX: 561.994.0001  
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1000 NEVADAN AVE, SUITE 200  
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TECHNOLOGY DETAILS

COMM. NO. 03.2017

ISSUE DATE 03.2017

REV DESCRIPTION DATE

**T301**

Lawrence Central HS Auditorium 17000351.00





GENERAL TECHNOLOGY EQUIPMENT SCHEDULE		
THE EQUIPMENT LIST ABBREVIATIONS AND THE GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.		
CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS.		
EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	EQUIPMENT LIST MANUFACTURER AND MODEL
AV-AAS-1	EXISTING ACTIVE ANTENNA SPLITTER - WIRELESS MICROPHONES. PROTECT DURING CONSTRUCTION AND REMOUNT IN MAIN RACK AV-ER-2. PROVIDE COAX CABLE AS REQUIRED AND MOUNT ANTENNA OUTSIDE OF RACK, LINE OF SIGHT TO STAGE.	EXISTING - SHURE U844
AV-ADA	ASSISTIVE LISTENING SYSTEM: STATIONARY RF TRANSMITTER WITH SELECTABLE BROADCASTING ON 87 CHANNELS. SIGNAL TO NOISE RATIO OF 80 DB OR GREATER. OUTPUT POWER IS ADJUSTABLE TO QUARTER, HALF OR FULL. AUDIO FREQUENCY RESPONSE OF 50 HZ TO 16 KHZ, 45 DB AT 177 MHZ. TWO MIXING AUDIO INPUTS WITH AUTOMATIC GAIN CONTROL AND LIMITING TO A MIXED SIGNAL OUTPUT. FRONT PANEL INPUT LEVEL, MIX LEVEL AND AN ADJUSTABLE LOW PASS FILTER. PROVIDE SIX RF RECEIVERS WITH EARPHONE/NECK LOOP LANYARD, UNIVERSAL EAR SPEAKER AND FIELD REPLACEABLE LITHIUM-ION BATTERY. PLUS CHARGING TRAY. EXTEND TRANSMITTER ANTENNA OUTSIDE OF EQUIPMENT RACK. SEE SPECIFICATIONS DIV 27 41 01 FOR ADDITIONAL REQUIREMENTS.	NO EQUAL LISTEN LT-800-072 LA-122 OR EQUAL TELEX WILLIAMS
AV-AMP-1	AUDIO AMPLIFIER. FOUR CHANNEL 1250W SINGLE CHANNEL / 2500W BRIDGE. RATED FOR 16 OHMS TO 2 OHMS SAFELY AT FULL BANDWIDTH PERFORMANCE. THERE SHALL BE NO FRONT PANEL MOUNTED CONTROLS EXPOSED, EXCEPT POWER ON/OFF. VERIFY ANY EQUALS FOR SAME EXACT LOAD ASSIGNMENTS AND MATCH SPEAKERS AND AMPS AS SPECIFIED.	CROWN DC4-1250 LAGBGRUPPEN QSC
AV-AMP-2	AUDIO AMPLIFIER. FOUR CHANNEL 300W SINGLE CHANNEL / 600W BRIDGE. RATED FOR 16 OHMS TO 2 OHMS SAFELY AT FULL BANDWIDTH PERFORMANCE. THERE SHALL BE NO FRONT PANEL MOUNTED CONTROLS EXPOSED, EXCEPT POWER ON/OFF. VERIFY ANY EQUALS FOR SAME EXACT LOAD ASSIGNMENTS AND MATCH SPEAKERS AND AMPS AS SPECIFIED.	CROWN DC4-300 LAGBGRUPPEN QSC
AV-AMP-E	EXISTING AUDIO AMPLIFIER. VERIFY MODEL AND QUANTITY ON SITE. PROTECT DURING CONSTRUCTION. TEST, IDENTIFY AND CLEAN FOR RE-USE. COORDINATE AC POWER FROM NEW POWER SEQUENCER. THERE SHALL BE NO FRONT PANEL MOUNTED CONTROLS EXPOSED, EXCEPT POWER ON/OFF. LOCK ALL FRONT PANEL CONTROLS. PROVIDE UNUSED EXISTING POWER AS SPARES.	EXISTING CROWN CO SERIES
AV-CTL-1	AV SYSTEM CONTROL PROCESSOR: CENTRALIZED WITH SIX RS-232 SERIAL PORTS, TWO RS-232RS-422RS-485 SERIAL PORTS, EIGHT IR PORTS, FOUR FLEX PORTS, EIGHT RELAYS AND ETHERNET MONITORING AND CONTROL. REFER TO SPECIFICATIONS 27 41 01 FOR CONTROL FUNCTIONS AND USER GUI INTERFACE REQUIREMENTS.	EXTRON IPCP PRO 530 CRESTRON
AV-DSP-1	SOUND SYSTEM DIGITAL SIGNAL PROCESSOR: SOFTWARE CONFIGURABLE AUDIO PROCESSOR WITH 12 ANALOG INPUTS X 8 ANALOG OUTPUTS, A/D DIGITAL AUDIO AND ETHERNET PORT FOR CONFIGURATION AND CONTROL. REFER TO SPECIFICATION 27 41 01 FOR CONFIGURATION AND PERFORMANCE REQUIREMENTS. PATH FILE SUBMITTA REQUIRED FOR APPROVAL. IN A TIMELY FASHION BEFORE INSTALL.	BIAMP TRESAPORTE AV8-AI BSS
AV-DSP-EX	SIGNAL PROCESSOR EXPANSION: FOUR CHANNEL EXPANSION BOX WITH A/D DIGITAL AUDIO AND 4 LINE LEVEL TERMINAL BLOCK OUTPUTS IN 1/4" TALL RACK MOUNT CHASSIS. POWER WITH POE.	BIAMP TRESA EX-OUT
AV-DVD-1	BLU-RAY PLAYER: SINGLE DISK, RACK MOUNTED BLU-RAY/DVD PLAYER WITH RS-232 CONTROL AND HDMI OUTPUT.	TASCAM BD-D1U MARANTZ DENON
AV-EGS-1	AV SYSTEM ETHERNET NETWORK SWITCH - COMMERCIAL GRADE DATA SWITCH, LATEST VERSION AVAILABLE. UNITS SHALL BE MANAGED LAYER 2, GIGABIT ETHERNET PORTS, SIXTEEN (16) 10/100/1000BASE-T RJ-45 PORTS, EIGHT WITH POE. 1 RU RACKMOUNT CHASSIS. INCLUDE RACK MOUNT OPTION.	NETGEAR PROSAFE G5616TP EXTREME NETWORKS
AV-EGS-2	AUDIO SYSTEM AVB ETHERNET NETWORK SWITCH - COMMERCIAL GRADE DATA SWITCH WITH AVB COMPATIBILITY, PER DSP MANUFACTURER REQUIREMENTS. LATEST VERSION AVAILABLE. UNITS SHALL BE MANAGED LAYER 2, GIGABIT ETHERNET SWITCHES WITH POE, SIXTEEN (16) 10/100/1000BASE-T RJ-45 PORTS, EIGHT WITH POE. 1 RU RACKMOUNT CHASSIS. INCLUDE RACK MOUNT OPTION.	NETGEAR PROSAFE G5616TP EXTREME NETWORKS
AV-ER-1	EXISTING AUDIO AMPLIFIER MAIN EQUIPMENT RACKS. CLEANOUT AND REUSE. TWO QUANTITY FREESTANDING FLOOR RACKS. DEMO ALL EXISTING RACK MOUNTED EQUIPMENT AND TURN OVER TO OWNER. UNO. SEE SPECIFICATIONS 27 41 01 FOR AV RACK REQUIREMENTS AND PROVIDE RACK ELEVATION ON SHOPS. VERIFY WORK CLEARANCES, SIDE AND REAR.  COORDINATE EXISTING CONDUIT ENTRANCES AND AC POWER. REUSE JUNCTION BOXES AND MAINTAIN SIGNAL SEPARATION. NEVER COMBINE MICROPHONE CABLES. EXISTING CONDUIT IS REFERENCED ON DETAIL 27100.	EXISTING, REUSED
AV-ER-2	EXISTING AUDIO AMPLIFIER MAIN EQUIPMENT RACKS. CLEANOUT AND REUSE. TWO QUANTITY FREESTANDING FLOOR RACKS. DEMO ALL EXISTING RACK MOUNTED EQUIPMENT AND TURN OVER TO OWNER. UNO. SEE SPECIFICATIONS 27 41 01 FOR AV RACK REQUIREMENTS AND PROVIDE RACK ELEVATION ON SHOPS. VERIFY WORK CLEARANCES, SIDE AND REAR.  COORDINATE CONDUIT ENTRANCES AND AC POWER. REUSE JUNCTION BOXES AND MAINTAIN SIGNAL SEPARATION. NEVER COMBINE MICROPHONE CABLES. EXISTING CONDUIT IS REFERENCED ON DETAIL 27100.	EXISTING, REUSED
AV-ER-3	WALL MOUNTED STAGE MANAGER RACK. 35 RACK UNIT TALL WALL RACK WITH BACKPANEL AND SWING OUT CENTER SECTION. 16-GUAGE BLACK TEXTURED POWDER COATED FINISH AND 11-GUAGE STEEL RACK RAILS. DIMENSIONS ARE 23.4" W X 88.25" H X 2.32" D WITH 20" USABLE DEPTH AND 300LBS WEIGHT CAPACITY.  PROVIDE 1" C. FOR DATA, 1" C. FOR SPEAKER LINE, 1" C. FOR AUDIO, 1" C. FOR INTERCOM TO JUNCTION BOXES BELOW STAGE AS REQUIRED. COORDINATE AC POWER, SEE ELECTRICAL SHEETS. MAINTAIN SIGNAL SEPARATION. MOUNT CLEAR OF DRAPE AND PULLEY.	MIDDLE ATLANTIC DWR-35-22 ATLAS LOWELL
AV-ER-LT	RACK MOUNTED LIGHT: PROVIDE RETRACTABLE LED LIGHT AT TOP OF RACK.	MAP LT-1R
AV-FB-1	AV FLOOR BOX: PROVIDE NEW CONNECTOR PLATE IN EXISTING FLOORBOX CONFIGURED FOR CONNECTIVITY, PER RISER. REFER TO SIGNAL RISERS 17300 AND 27301 FOR MORE INFORMATION. CONNECTIVITY INCLUDES XLR-F MICROPHONE INPUTS, XLR-F AUTOMATIC INPUT, SPEAKER SPEAKER JACKS. PROVIDE NEW ANGLED PLATE. DO NOT MOUNT ANY JACKS ON HORIZONTAL PLATE. COORDINATE REUSE OF EXISTING CONDUIT AS REQUIRED FOR MULTIPLE FEEDS. MAINTAINING SEPARATION IN BOX FOR EACH CLASS OF MICROPHONE: SPEAKER, VIDEO, DATA AND POWER CABLE AS REQUIRED.  PROVIDE NEW CABLE UMBILICAL TO FLOORBOXES LOCATED IN HYDRAULIC PIT FLOOR. COORDINATE EXISTING CONDUIT IN BASEMENT PATH TO MAIN AV RACK AV-ER-1 AND AV-ER-2. VERIFY ON SHOPS.	EXISTING FLOORBOX NEW CUSTOM PLATE VERIFY EXISTING CONDUIT
AV-FB-2	AV FLOOR BOX: PROVIDE NEW CONNECTOR PLATE IN EXISTING FLOORBOX CONFIGURED FOR CONNECTIVITY, PER RISER. REFER TO SIGNAL RISERS 17300 AND 27301 FOR MORE INFORMATION. CONNECTIVITY INCLUDES XLR-F MICROPHONE INPUTS, XLR-F AUTOMATIC INPUT, SPEAKER SPEAKER JACKS. CENTER FLOORBOX ALSO INCLUDES ONE DUAL DECOY 10MMX3.5mm INPUT TRANSMITTER. PROVIDE NEW ANGLED PLATE. DO NOT MOUNT ANY JACKS ON HORIZONTAL PLATE. COORDINATE REUSE OF EXISTING CONDUIT AS REQUIRED FOR MULTIPLE FEEDS. MAINTAINING SEPARATION IN BOX FOR EACH CLASS OF MICROPHONE: SPEAKER, VIDEO, DATA AND POWER CABLE AS REQUIRED.  PROVIDE NEW CABLE UMBILICAL TO FLOORBOXES LOCATED IN HYDRAULIC PIT FLOOR. COORDINATE EXISTING CONDUIT IN BASEMENT PATH TO MAIN AV RACK AV-ER-1 AND AV-ER-2. VERIFY ON SHOPS.	EXISTING FLOORBOX NEW CUSTOM PLATE NEW EXTENSION DTP T 10W 232 D
AV-IRK-1	RACK MOUNTED AUDIO MEDIA INPUT: SINGLE SPACE RACK MOUNTED CONSUMER MEDIA INPUT DEVICE WITH 3.5mm AND DUAL RCA JACK INPUTS, STEREO MONO SWITCH, GROUND LIFT SWITCH AND TRANSFORMER BALANCED STEREO OUTPUT.	PROCO IRACK
AV-IS1-W	PRODUCTION INTERCOM WALL PLATE: 2-GANG INTERCOM PLATE WITH TWO-CHANNEL INTERCOM CONNECTION.	TELEX AUDIOCOM WP-3
AV-IS2-W	STANDARD 4" X 4" BACK BOX WITH 1" C. FOR INTERCOM TO CONTROL BOOTH. COORDINATE CABLE PATH FOR CIRCULATING INTERCOM TELEX AND VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE.	TELEX AUDIOCOM SC-2002-1 BOX
AV-JB1-W	PROVIDE NON-STANDARD BACK BOX WITH NEW 1" C. FOR INTERCOM TO CONTROL BOOTH. COORDINATE CABLE PATH FOR CIRCULATING INTERCOM TELEX AND VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE. EXISTING JUNCTION BOX - CONTROL BOOTH MAIN RACK: IDENTIFY AND VERIFY EXISTING CONDUIT AND CABLE PATHWAYS. REUSE FOR NEW CABLING. MAINTAIN SIGNAL SEPARATION. NEVER COMBINE MICROPHONE LINES WITH ANY OTHER SIGNAL TYPE. REFER TO T100 AND T101 PLANS FOR CABLE DEMO INFORMATION AND REQUIREMENTS.	EXISTING
AV-JB2-W	EXISTING JUNCTION BOX - CONTROL BOOTH COUNTER: IDENTIFY AND VERIFY EXISTING CONDUIT AND CABLE PATHWAYS. REUSE FOR NEW CABLING. MAINTAIN SIGNAL SEPARATION. NEVER COMBINE MICROPHONE LINES WITH ANY OTHER SIGNAL TYPE. REFER TO T100 AND T101 PLANS FOR CABLE DEMO INFORMATION AND REQUIREMENTS.	EXISTING
AV-JB3-W	EXISTING JUNCTION BOX - AMPLIFIER RACK: IDENTIFY AND VERIFY EXISTING CONDUIT AND CABLE PATHWAYS. REUSE FOR NEW CABLING. MAINTAIN SIGNAL SEPARATION. NEVER COMBINE MICROPHONE LINES WITH ANY OTHER SIGNAL TYPE. REFER TO T100 AND T101 PLANS FOR CABLE DEMO INFORMATION AND REQUIREMENTS.	EXISTING
AV-JB4-W	EXISTING JUNCTION BOX - BUTTON MOUNTED MICROPHONE JUNCTION BOX: IDENTIFY AND VERIFY EXISTING CONDUIT AND CABLE PATHWAYS. REUSE FOR NEW CABLING. MAINTAIN SIGNAL SEPARATION. NEVER COMBINE MICROPHONE LINES WITH ANY OTHER SIGNAL TYPE. PROVIDE NEW RUBBER JACKET MULTI-PAIR MICROPHONE CABLE FOR BATON TRAVEL.	EXISTING
AV-MIC-P	PODIUM MICROPHONE: GOOSENECK MICROPHONE WITH CARDIOID PATTERN CONDENSER MIC CAPSULE AND HAVE OVERALL LENGTH OF 22" MINIMUM. PROVIDE WITH RUBBER ISOLATION MOUNT. COORDINATE ATTACHMENT TO OWNER FURNITURE AND CABLE ROUTE WITH EXTENSION TO FLOORBOX. NO XLR CONNECTION WITH PUSH LOCK SHALL BE COMPRESSED SO AS TO RELEASE ITS CONNECTION.	AUDIX MG18 M1218R MOUNT NO EQUAL
AV-MIC-RX1	EXISTING WIRELESS MICROPHONE SYSTEM: PROTECT DURING CONSTRUCTION AND REMOUNT IN MAIN RACK AV-ER-1. SEE SPECIFICATIONS DIV 27 41 01 FOR ADDITIONAL REQUIREMENTS AND ACCESSORIES.	EXISTING SHURE ULX SERIES NO EQUAL
AV-MIX-1	DIGITAL AUDIO MIXER: MIXER PROVIDES 32 MIC/LINE XLR INPUTS, 16 XLR OUTPUTS, 2 EXPANSION SLOT WITH 32 FADER PLUS 2 MASTER FADERS. MIXING CAPACITY IS 64 MONO, 8 STEREO MIXING CHANNELS, 16 MIX AND 3 MATRIX MIX BUSES, 1 MASTER BUS, 1 SUB BUS AND 8 DCA GROUPS. INTERNAL 48KHZ INTERNAL SAMPLING RATE. DIMENSIONS ARE 32.6" W X 10.7" H X 22.2" D AND 48.1 LBS.  PROVIDE SLEEVED PANTAIL WITH STRAIN RELIEF FOR ATTACHMENT TO ANALOG AUDIO CABLING. REFER TO SPECIFICATION 27 41 01 FOR ADDITIONAL REQUIREMENTS. DO NOT INSTALL FOL CABLING.	YAMAHA QL5 NO EQUAL
AV-MON-1	PC DISPLAY: OWNER PROVIDED OWNER INSTALLED	OWNER PROVIDED, OWNER INSTALLED
AV-MP1-C	OVERHEAD BATTEN SUSPENDED MICROPHONE: MINIATURIZED CONDENSER MICROPHONE WITH INTEGRATED PREAMP. DETACHABLE SHIELDED CABLE. POLAR PATTERN. LOW IMPEDANCE (150 OHMS) TYPICAL. 40-20KHZ FREQUENCY RESPONSE AND SENSITIVITY TYPICALLY 10mV. PROVIDE WITH MIC SUSPENSION CLIP. COORDINATE ROUGH-IN LOCATION AND PROVIDE CABLE MANAGEMENT FOR BATTEN TRAVEL. MAINTAIN APPROX 4" INCH LOOP. OR AS REQUIRED FOR ADJUSTMENT AT COMMISSIONING. SYMMETRY REQUIRED. 8' 6" AFF.	AUDIX M1208B-CARDIOID MCHANGER NO EQUAL
AV-MP2-C	DOWN STAGE CEILING SUSPENDED MICROPHONE: MINIATURIZED CONDENSER MICROPHONE WITH INTEGRATED PREAMP. DETACHABLE SHIELDED CABLE AND UNIDIRECTIONAL POLAR PATTERN. LOW IMPEDANCE (150 OHMS) TYPICAL. 40-20KHZ FREQUENCY RESPONSE AND SENSITIVITY TYPICALLY 10mV. PROVIDE WITH MIC SUSPENSION CLIP AND STAND MOUNT. COORDINATE ROUGH-IN LOCATION AND PROVIDE CABLE MANAGEMENT. INSTALL FOR CAPSULE AT 8' 6" AFF WITH APPROX 12" INCH LOOP. OR AS REQUIRED FOR ADJUSTMENT AT COMMISSIONING.	AUDIX M1208B-CARDIOID MCHANGER NO EQUAL
	PROVIDE CEILING MOUNTED STANDARD SINGLE GANG BACKBOX FOR MIC PLATE WITH 3/4" C. FOR AUDIO RACK AV-ER-2. COORDINATE CONDUIT CAPACITY AND PULLBOX REQUIREMENTS ON SITE. MATCH UP WITH STAGE SYMMETRY.	

GENERAL TECHNOLOGY EQUIPMENT SCHEDULE		
THE EQUIPMENT LIST ABBREVIATIONS AND THE GENERAL TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.		
CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS.		
EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	EQUIPMENT LIST MANUFACTURER AND MODEL
AV-MP-W	AUDIO PLATE: EXISTING LOCATION WITH NEW PLATE, NEW JACK AND NEW CABLE. BLACK METAL AUDIO EQUIPMENT CONNECTION WALL PLATE FOR CONNECTION OF MICROPHONE. SEE SHEET T300 AUDIO RACK TO COORDINATE CONNECTIONS AND CONDUIT FOR PLATE. ENGRAVED LABELING IS WHITE IN-FILL PAINT. PROVIDE SINGLE GANG MICROPHONE PLATE WITH TWO XLR-F MICROPHONE INPUTS.	WHIRLWIND CUSTOM PLATE PROCO ENTERTAINMENT METALS
AV-MPP-1	REUSE EXISTING WALL BOX WITH EXISTING CONDUIT PATH TO MAIN RACK AV-ER-2. VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE.  LISTEN L7-800-072 LA-122 OR EQUAL TELEX WILLIAMS	WHIRLWIND CUSTOM PLATE NUETRIK ETHERCON PROCO ENTERTAINMENT METALS
AV-PIC-1	PRODUCTION INTERCOM HEADEND: CENTRAL MAIN STATION WITH 2-CH INTERCOM, LIGHTED CALLBACK AND TALKBACK SPEAKER AT OPERATION HEIGHT. PROVIDE RACK-MOUNT UNIT. REFER TO SPECIFICATION DIV 27 41 01 FOR REQUIRED ACCESSORIES. VERIFY CIRCULATING CONDUIT REQUIREMENTS WITH EXISTING CONDUIT AND DIV 28 E.C.	TELEX BTR-240
AV-PIC-RX	WIRELESS PRODUCTION INTERCOM TRANSMITTER: 2.4 GHZ WIRELESS BASE STATION WITH 2 CHANNEL INTERCOM. REFER TO SPECIFICATIONS 27 41 01 FOR ADDITIONAL ACCESSORIES AND RECEIVERS. COORDINATE ANTENNA REQUIREMENTS FOR RECEPTION TO BACK STAGE AND CATWALKS.	WHIRLWIND CUSTOM PLATE NUETRIK ETHERCON PROCO ENTERTAINMENT METALS
AV-PP-1	AUDITORIUM AUDIO XLR PATCH PANEL - MIC AND LINE LEVEL XLR PATCH PANEL. PROVIDE STANDARD 16" RACK WIDTH BLACK METAL PLATE WITH ENGRAVED LABELS. REFER TO T300 SIGNAL RISER AND DETAIL 97300 FOR CONFIGURATION CONNECTOR TYPES AND QUANTITY.	WHIRLWIND CUSTOM PLATE NUETRIK ETHERCON PROCO ENTERTAINMENT METALS
AV-PP-2	VERIFY EXISTING J-BOX AND CONDUIT PATHS AND CAPACITY ON SHOPS.  AUDITORIUM AUDIO FOLDBACK MONITOR PATCH PANEL - SPEAKER LEVEL ETHERCON PATCH PANEL. PROVIDE BLACK METAL RACK PLATES WITH ENGRAVED LABELS. REFER TO T300 SIGNAL RISER AND DETAIL 71700 FOR CONFIGURATION AND QUANTITY. PROVIDE WITH NEW SPEAK ON PATCH CABLE NO REUSE OF EXISTING.	WHIRLWIND CUSTOM PLATE NUETRIK ETHERCON PROCO ENTERTAINMENT METALS
AV-PRO-1	AUDITORIUM VIDEO PROJECTOR: 10,000 ANSI LUMENS, HD (1920 X 1080), ECO FILTER HDMI DVI-D, DISPLAYPORT, DIGITAL LINK. PROVIDE WITH (POWERED) ZOOM LENS TO MEET THRU DISTANCE REQUIREMENT. VERIFY AND COORDINATE LENS REQUIREMENT FOR THRU DISTANCE TO FULL DISPLAY IMAGE.  PROVIDE NEW PROJECTOR MOUNT AS REQUIRED IN CONTROL BOOTH.  COORDINATE LOCATION WITH EXISTING POWER OUTLETS. AV CABLE OUTLET AND MANAGE CABLE NEATLY.	CHRISTIE D12H-D A-07-0 LONG THROW LENS PANASONIC DIGITAL PROJECTION
AV-PRO-2	MOUNT VIDEO RECEIVER WITH PROJECTOR AND PROVIDE A SINGLE GANG BACKBOX IN CEILING FOR SINGLE GANG DATA PLATE FOR AV LAINE PROJECTOR OR REUSE EXISTING CONDUIT TO MAIN AV RACK AV-ER-2. VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE. PROVIDE PLENUM CABLE IN PLENUM SPACES.	EXISTING PROJECTOR EXTRON IR-160 CRESTRON
AV-PSW-1	EXISTING PROJECTOR TO REMAIN. TEST AND VERIFY BEFORE DEMO OF SURROUNDING AREA AND PROTECT IN PLACE. SCALING AV PRESENTATION. SWITCH: HDSP-COMPLIANT SCALING PRESENTATION SWITCH WITH 4 HDMI INPUTS, 2 ANALOG VIDEO INPUTS, TWO DTP 330 TWI TED PAIR INPUTS WITH DUAL HDMI OUTPUTS AND ONE DTP 330 OUTPUT. UNIT INCLUDES A SCALING ENGINE TO SCALE HDMI, RGB, COMPONENT AND STANDARD DEFINITION VIDEO SIGNALS TO A COMMON HIGH RESOLUTION OUTPUT. 1920 X 1080P INCLUDING 1080P AND 2K. UNIT PROVIDES AUDIO HDMI AUDIO EMBEDDING AND DE-EMBEDDING WITH DUAL STEREO OUTPUTS ON CA-TIVE SCREW.	DANLEY SH-46 INSTALLATION VERSION NO EQUAL
AV-REC-1	TWISTED PAIR VIDEO RECEIVER: DEVICE RECEIVES HDMI CONTROL, ANALOG AUDIO AND POWER OVER SINGLE TWISTED PAIR CATEGORY CABLE. SUPPORT COMPUTER RESOLUTIONS UP TO 4K. MANUFACTURER APPROVED SHIELDED CATEGORY 6 REQUIRED. PROVIDE IN BLACK.	EXTRON DTP HDMI 4K 230 Rx CRESTRON
AV-SB1-C	SUBWOOFER: PASSIVE SUBWOOFER POWER HANDLING IS 1000W CONTINUOUS, 2000W PROGRAM AND 4000W PEAK AT NOMINAL IMPEDANCE OF 4 OHMS. SUSPENDING RANGE. SUBWOOFER DIMENSIONS SHALL BE 40" X 22" X 28" WEIGHING 152 LBS. SUSPEND ABOVE CEILING CLOUD ANGLED DOWN TO SEATING, WITH FACE OF SPEAKER EXPOSED TO SEATING, PER PLANS.  MOUNT NO MORE THAN 10" FROM WALL OR CEILING AND PROVIDE NEW SUPPLEMENTAL STEEL AS REQUIRED WITH INDEPENDENT SAFETY CABLE. COORDINATE WITH NEW ACOUSTIC LAPELDRY AROUND CABINET. BY OTHER TRADES. SEE SPECIFICATION 27 41 01 FOR LOUSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUSPEAKER LOCATION AND AIM SCHEDULE.  PROVIDE BUSHED STUD OR BOX AT SUSPENSION LOCATION WITH 1" CONDUIT TO MAIN AV RACK AV-ER-1. PROVIDE DUAL CABLE RUNS TO THIS DEVICE.	DANLEY SH-46 INSTALLATION VERSION NO EQUAL
AV-SP1-C	MONO CENTER SPEAKER: LOUSPEAKER IS 2X12" LF DRIVER, 4X4" HF DRIVERS AND 1X14" HIGH-FREQUENCY DRIVER WITH 40 X 80 DEGREE COVERAGE ANGLE AND 71-16,000 HZ. FREQUENCY RESPONSE. MAXIMUM OUTPUT SPL IS 135 DB SPL CONTINUOUS / 141 DB SPL PEAK AND POWER HANDLING IS 2800W PROGRAM, 4000W PEAK AT 4 OHMS. WEIGHT IS 118 LBS AND DIMENSIONS ARE 28 X 22.3 X 22.7 IN. SEE SPECIFICATION 27 41 01 FOR LOUSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUSPEAKER LOCATION AND AIM SCHEDULE.	DANLEY SH-46 INSTALLATION VERSION NO EQUAL
AV-SP2-C	MONO MAIN LOUSPEAKERS: LOUSPEAKER CABINET INCLUDES 2X12" LF DRIVERS, 4X4" MIDRANGE DRIVERS, AND 1X14" HF DRIVER WITH 50 DEGREE X 80 DEGREE FULL RANGE COVERAGE ANGLE AND 50-16,000 HZ. FREQUENCY RESPONSE. MAXIMUM SPL OUTPUT IS 127 DB SPL CONTINUOUS / 133 DB SPL PEAK. POWER HANDLING IS 2000W PROGRAM, 4000W PEAK AT 4 OHMS. 1% DISTORTION TYPICAL. WEIGHT IS 133 LBS, AND DIMENSIONS ARE 28 X 28 X 25.5 IN. SEE SPECIFICATION 27 41 01 FOR LOUSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUSPEAKER LOCATION AND AIM SCHEDULE.	DANLEY SH-80 INSTALLATION VERSION NO EQUAL
AV-SP3-C	MONO SIDE SPEAKER: LOUSPEAKER IS 2X12" LF DRIVER, 4X4" HF DRIVERS AND 1X14" HIGH-FREQUENCY DRIVER WITH 40 X 80 DEGREE COVERAGE ANGLE AND 71-16,000 HZ. FREQUENCY RESPONSE. MAXIMUM OUTPUT SPL IS 135 DB SPL CONTINUOUS / 141 DB SPL PEAK AND POWER HANDLING IS 2800W PROGRAM, 4000W PEAK AT 4 OHMS. WEIGHT IS 118 LBS AND DIMENSIONS ARE 28 X 22.3 X 22.7 IN. SEE SPECIFICATION 27 41 01 FOR LOUSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUSPEAKER LOCATION AND AIM SCHEDULE.	DANLEY SH-46 INSTALLATION VERSION NO EQUAL
AV-SP4-C	PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-1. COORDINATE USE OF EXISTING CONDUIT PATH WHEN AVAILABLE. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES.  STEREO MEDIA LOUSPEAKERS: LOUSPEAKER CABINET INCLUDES 4X15" LF DRIVERS, 6X4" MIDRANGE DRIVERS, AND 1X14" HF DRIVER WITH 80 DEGREE X 80 DEGREE FULL RANGE COVERAGE ANGLE AND 50-16,000 HZ. FREQUENCY RESPONSE. MAXIMUM SPL OUTPUT IS 133 DB SPL CONTINUOUS / 139 DB SPL PEAK. POWER HANDLING IS 2000W PROGRAM, 4000W PEAK AT 4 OHMS. WEIGHT IS 215 LBS, AND DIMENSIONS ARE 28.5 X 45 X 25 IN. SEE SPECIFICATION 27 41 01 FOR LOUSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUSPEAKER LOCATION AND AIM SCHEDULE.	DANLEY SH-80 INSTALLATION VERSION NO EQUAL
AV-SP5-C	PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-1. COORDINATE USE OF EXISTING CONDUIT PATH WHEN AVAILABLE. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES.  CONTROL BOOTH FILL: COMPACT MID-HIGH LOUSPEAKERS. INSTALLATION VERSION. LOUSPEAKERS HAVE A 5" COAXIAL, HIGH-FREQUENCY DRIVER WITH 80 DEGREES X 80 DEGREES COVERAGE ANGLE AND 270-15,000 HZ. FREQUENCY RESPONSE. MAXIMUM SPL OUTPUT IS 124 DB SPL CONTINUOUS / 130 DB SPL PEAK AND POWER HANDLING IS 500W PROGRAM, 1000W PEAK AT 4 OHMS. PROVIDE SUPPLEMENTAL PER MANUFACTURER REQUIREMENTS. EACH CABINET LOAD SHALL BE VERIFIED ON SUBMITTALS. WEIGHT IS 45 LBS, PER SPEAKER AND DIMENSIONS ARE 20.8 X 20.8 X 16.3 IN. SEE SPECIFICATION 27 41 01 FOR LOUSPEAKER RIGGING REQUIREMENTS. SEE SHEET T400 FOR LOUSPEAKER LOCATION AND AIM SCHEDULE.	DANLEY SM-60M NO EQUAL
AV-SP6-C	PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-1. COORDINATE USE OF EXISTING CONDUIT PATH WHEN AVAILABLE. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES.  OVERFLOW COMBINING DELAY FILL SPEAKERS: TWO-WAY 6.5" LOUSPEAKERS. NOMINAL 90 DEGREE HORIZONTAL X 50 DEGREE VERTICAL LOUSPEAKER TYPICALLY 100HZ TO 16KHZ WITH PASSIVE CROSSOVER. POWER HANDLING IS 100W CONTINUOUS, 500W PEAK WITH NOMINAL IMPEDANCE OF 8 OHMS. THE DIMENSIONS SHALL BE 8 IN. HEIGHT BY 14 IN. DEEP. WEIGHING 20 LB. VERIFY HORN ROTATION REQUIREMENTS FOR 90 X 50 COVERAGE. MOUNT AT 16'-6" AFF WITH STANDARD MANUFACTURER LBRACKET.  PROVIDE NEW 3/4" CAT CEILING AT SPEAKER MOUNT WITH SPEAKER LINES TO AMPLIFIER RACK AS HOMERUN LINES. LOCATE ABOVE AND BEHIND SPEAKER BRACKET AND PROVIDE INDEPENDENT SAFETY CABLE.	ELECTROVOICE EVU-100295 DANLEY YAMAHA
AV-SPT-W	BACKSTAGE/REARSTAGE WALL MOUNTED CABLE SPEAKER: UNITS SHALL BE COMMERCIAL SERIES WITH TRANSFORMER AND INTEGRATED WALL MOUNT. UNIT SHALL BE RATED AT 200 WATTS WITH 110 X 100 DEGREE COVERAGE PATTERN. PROVIDE ATLAS AT 100 VOLUME CONTROL. NOTE OVERSIZED WALL PLATES AND BOX NEEDS FOR 100 WATT AUTOTRANSFORMER DURING ROUGH-IN. VOLUME CONTROL IS WALL MOUNTED STAGE LEFT AND RACK MOUNTED ON STAGE RIGHT.	ELECTROVOICE JBL CONTROL SERIES YAMAHA
AV-SP6-C	PROVIDE SURFACE MOUNTED SINGLE GANG BOX AT SPEAKER MOUNT WITH 3/4" C. FOR SPEAKER LINES TO V02 REMOTE BELOW SPEAKER AT SWITCH HEIGHT.	ATLAS G08T SERIES JBL ELECTROVOICE
AV-SPE-C	DISTRIBUTED SPEAKER 8 IN - 10 OZ MAGNET RECESSED CEILING LOUSPEAKER FOR DISTRIBUTIVE SPEAKER ZONES: POLYPROPYLENE CONE AND BUTYL RUBBER SURROUND. 3/4 IN SOFT-DONE LIQUID-COOLED TWEETER COIL. NOMINAL 62 HZ - 20 KHZ BANDWIDTH (-10 DB), 110" NOMINAL, 91 DB SENSITIVITY. COMBINED MULTI-TAP TRANSFORMER AT 70V/100V AND 80 DB DIRECT SETTING. SET TAP FOR TYPICAL LISTENING CUE LEVELS AT FULL V.C. FOR 75-78 DB MAX, AND GREATER THAN 1 WATT AS REQUIRED. NOTING ON SHOPS.	ATLAS G08T SERIES JBL ELECTROVOICE
AV-SPE-E	PROVIDE CONDUIT AS REQUIRED FOR CIRCULATING SPEAKER LINES. FOR ACOUSTICAL CEILINGS, PROVIDE BACKBOX, TIE SUPPORTS AND WHITE GRILL AS REQUIRED WITH CIRCULATING CABLE, PER PLANS AND RISE. SHOULD OPEN CABLE BE USED, PROVIDE PLENUM VERSION AND MANAGE.	EXISTING
AV-SRG-W	EXISTING CEILING SPEAKERS: PROTECT IN PLACE AND RE-USE WITH NEW LINES TO AMPLIFIER RACK. SURGE PROTECTOR: IN-LINE REMOTE POWER ACTIVATION AND SURGE SUPPRESSION. UNIT IS 2U AMP LOAD-CAPABLE AND HOUSED IN A 12" X 12" X 4" NEMA ENCLOSURE. UNIT FEATURES BOTH COMMON MODE AND NORMAL MODE IMPEDANCE TOLERANT EMI/RFI FILTERING AS WELL AS SUIRGEX ICE-INRUSH CURRENT ELIMINATION FOR PROTECTIVE POWER CONDITIONING. PROVIDE LOW VOLTAGE CONTROL FROM AC POWER SEQUENCER.	EXISTING SUIRGEX SC-20W-RT NO BI XIAL
AV-SSL	COORDINATE MOUNTING LOCATION WITH ELECTRICAL. CONTRACTOR FOR AC POWER FEED TO AUDIO SYSTEM EQUIPMENT. REFER TO EQUIPMENT. REFER TO EQUIPMENT.	EXISTING
AV-TPI-R	RACKMOUNTED SLIDING SHELF FOR PORTABLE MEDIA DEVICE: BLACK LAMINATE SLIDING SHELF WITH FULL 10" EXTENSION AND NYLON ROLLER SLIDES. SHELF ARE IS 16W X 13-3/4" D. MAXIMUM WEIGHT CAPACITY IS 35LBS.	MIDDLE ATLANTIC PRODUCTS SSL ATLAS LOWELL TLP PRO 1022M FM 4 MOUNT CRESTRON
	AV TOUCH PANEL: CONTROL RACK MOUNTED TEN INCH TOUCH PANEL WITH 1024 X 560 RESOLUTION, 15BIT COLOR DEPTH, BUILT-IN SPEAKER FOR MEDIA, AND LIGHT SENSING SCREEN BRIGHTNESS ADJUSTMENT. COMMUNICATION AND POWER OVER ETHERNET (POE). PROVIDE WITH RACK MOUNT. SEE CONTROL RISER DETAIL 27201.  VERIFY POE AND PROVIDE DATA CABLE. SEE SPECIFICATIONS 27 41 01 FOR G.U.I. REQUIREMENTS.	

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CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS.		
EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	EQUIPMENT LIST MANUFACTURER AND MODEL
AV-UD-3	RACKMOUNTED STORAGE DRAWER: THREE DRAW SPACE UTILITY DRAWER WITH 15.97" USABLE WIDTH, 15" DEEP. PROVIDE BLANK SPACE ABOVE AND BELOW.	MIDDLE ATLANTIC PRODUCTS U03
AV-VG1-W	WALL MOUNTED VOLUME CONTROL: 70W, 100V AUTOTRANSFORMER VOLUME CONTROL.	ATLAS LOWELL
AV-VG2-R	PROVIDE GANG BOX AT SWITCH HEIGHT WITH 3/4" C. INTO OPEN CEILING AREA FOR CABLE PATH TO LOCAL SPEAKER. SPEAKER CABLE IS PLENUM RATED.	ATLAS AT-10
AV-VG2-R	RACK MOUNTED VOLUME CONTROL: 70W, 100V AUTOTRANSFORMER VOLUME CONTROL.	ATLAS AT-100 AT-52 PLATE OR EQUAL
AV-VG2-W	COORDINATE RACK MOUNT IN SHARED PLATE WITH TOUCH PANEL.  WALL MOUNTED VOLUME CONTROL: 70W, 100V AUTOTRANSFORMER VOLUME CONTROL.	ATLAS AT-100
AV-VG3-W	PROVIDE OVERSIZED DEEP GANG BOX AT SWITCH HEIGHT WITH 3/4" C. FOR CABLE PATH TO LOCAL SPEAKER AND RACK.	EXTRON EBP100
AV-VG3-W	CUSTOMIZABLE BUTTON PANEL: 2-GANG WALL REMOTE WITH PUSHBUTTON PRESET AND ROTARY VOLUME CONTROL TO LOCAL PROVIDED ROOM PRESENTATION.  PROVIDE 3/4" C. TO AV-ER-2.	EXTRON EBP100
AV-VPS-1	VARIABLE CONTRAST, MOTORIZED VIDEO SCREEN IN HIGH COMPRESSION PARTICLE BOARD CASE AND TUBULAR MOTOR-ROLLER DESIGN WITH 16:9 ASPECT RATIO VIEWING AREA OF 133" X 236" (27" DIAGONAL). PROVIDE WITH HIGH CONTRAST GREY VIEWING SURFACE AND EXTRA DROPS AS REQUIRED TO POSITION BOTTOM OF IMAGE AT 1" AFF. PROVIDE WITH MOTOR OPTION WITH BUILT IN LOW VOLTAGE CONTROL. VERIFY STOPS AND EXTRA DROPS FOR A WRINKLE FREE INSTALLATION.	DRAPER ROLLERAMIC 270" CONTRAST GREY XH806
AV-VPS-2	COORDINATE WITH EXISTING CONDUIT FOR LOW VOLTAGE CONTROL FROM SCREEN CASE TO MAIN AV RACK. COORDINATE MOUNTING WITH OTHER TRADES BEFORE INSTALLATION. ON SHOPS. REUSE EXISTING POWER, AND VERIFY POWER AT LOCATION AND MOTOR ARRANGEMENTS, ON SITE. EXTEND AS REQUIRED.	DALITE STEWART
AV-VPS-2	EXISTING SCREEN TO REMAIN. TEST AND VERIFY BEFORE DEMO OF SURROUNDING AREA AND PROTECT IN PLACE.	EXISTING
AV-VPI-1-W	AUDIO PLATE: BLACK METAL AUDIO EQUIPMENT CONNECTION WALL PLATE FOR CONNECTION OF MICROPHONE. FOLDBACK MONITORS, INTERCOM AND AUDIO DATA. SEE SHEET T300 AUDIO RISER AND SHEET 57302 PLATE DETAILS TO COORDINATE CONNECTIONS AND CONDUIT FOR PLATE. ENGRAVED LABELING IS WHITE IN-FILL PAINT. PROVIDE AS 12" X 12" WALL FRAME WITH 10.5" X 10.5" RECESSED INSERT PLATE UNO.	WHIRLWIND WPI12x12S / WFS12x12x2.5 PROCO ENTERTAINMENT METALS
AV-WP2-W	AUDIO PLATE: BLACK METAL AUDIO EQUIPMENT CONNECTION WALL PLATE FOR CONNECTION OF MICROPHONE. FOLDBACK MONITORS, INTERCOM AND AUDIO DATA. SEE SHEET T300 AUDIO RISER AND SHEET 57302 PLATE DETAILS TO COORDINATE CONNECTIONS AND CONDUIT FOR PLATE. ENGRAVED LABELING IS WHITE IN-FILL PAINT. PROVIDE AS 12" X 12" WALL FRAME WITH 10.5" X 10.5" RECESSED INSERT PLATE UNO.	WHIRLWIND WPI12x12S / WFS12x12x2.5 PROCO ENTERTAINMENT METALS
AV-WP3-W	PROVIDE 12" X 12" X 6" DEEP. SURFACE MOUNTED, NEMA 1 BACKBOX AT OUTLET HEIGHT WITH 1-1/4" C. FOR AUDIO LINES, 3/4" C. FOR SPEAKER LINES, 1" C. FOR DATA AND 3/4" C. FOR INTERCOM TO EXISTING JUNCTION BOX BELOW STAGE. VERIFY AND COORDINATE CONDUIT CAPACITY REQUIREMENTS ON SITE.	WHIRLWIND WPI12x12S / WFS12x12x2.5 PROCO ENTERTAINMENT METALS
AV-WP3-W	CONTROL BOOTH AV CONNECTION WALL PLATE: AV WALLPLATE WITH PASS-THROUGH AV CONNECTIONS TO EXTEND INPUTS AND OUTPUTS OF MICROPHONE. PROVIDE PORTABLE LAPTOP INPUTS AS 1 HDMI FEMALE TO HDMI FEMALE 10" PIGTAIL, 1 VGA FEMALE TO FEMALE ON 6" PIGTAIL AND 3.5mm AUDIO JACK TO CAPTIVE SCREW.  PROVIDE LOCAL PO INPUT AS 1 HDMI FEMALE TO HDMI FEMALE 10" PIGTAIL.  PROVIDE LOCAL PREVIEW MONITOR OUTPUT AS 1 HDMI FEMALE TO HDMI FEMALE 10" PIGTAIL.	EXTRON VPS SERIES OR EQUAL CRESTRON
AV-XMT-1	PROVIDE SURFACE MOUNTED BACKBOX ABOVE COUNTERTOP WITH AV CABLE PATH TO JUNCTION BOX AV-JB2-W UNDER COUNTER WITH PATH TO MAIN AUDIO VISUAL RACK AV-ER-2. COORDINATE CONDUIT REQUIREMENTS ON SITE.  MEDIA TRANSMITTER WITH AV CONNECTION PLATE: TRANSMITS AUDIO, VIDEO, CONTROL AND POWER OVER SHIELDED TWISTED PAIR CABLE. INTERCOM IS ONE HDMI INPUT AND ONE 3.5mm AUDIO INPUT. ONE DTP OUTPUT WITH RS-232 AND IR. BLACK METAL CHASSIS IS 4.3" X 3.0" X 1" AND 0.5 LBS.  PROVIDE WITH RACK MOUNT AND RACK PLATE WITH HDMI, VGA AND 3.5mm AUDIO PASS-THROUGH CONNECTIONS AND EXTEND CABLES TO TRANSMITTER.	EXTRON DTP HDMI 4K 230 Tx CUSTOM PLATE CRESTRON

LOUDSPEAKER LOCATION AND AIM SCHEDULE									
SPEAKER	MODEL	DELAY (MS)	LOCATION (FT)			SPEAKER AIM (DEGREES)			
			X	Y	Z	HORIZONTAL	VERTICAL	ROTATION	
Main Mono S1	SH-46	0	0	17	24	0	-25	0	
Main Mono S2-E	SH-50	0	0	17	24	35	-25	0	
Main Mono S2-W	SH-50	0	0	17	24	-35	-25	0	
Side F1 S3-E	SH-46	TBD	20	0.5	22	-40	-30	0	
Side F1 S3-W	SH-46	TBD	-20	0.5	22	-40	-30	0	
Media Loft S4-E	SH-50	0	32	3	20	-20	60	0	
Media Right S4-E	SH-56	0	-32	3	20	20	-20	0	
Delay S5	SM 6MM	TBD	0	68	25	0	-25	0	
Sub S81	TH115	0	0	0	4	30	0	0	0