NORTHERN AUDITORIUM IMPROVEMENTS

PORTAGE PUBLIC SCHOOLS Portage, Michigan **100% CONSTRUCTION DOCUMENTS**

DESIGN TEAM

ARCHITECT/ENGINEER **TowerPinkster**

Architecture · Engineering · Interiors

242 E. KALAMAZOO AVE, SUITE 100 KALAMAZOO, MICHIGAN 49007 PHONE: 269.343.6133 FAX: 269.343.6633

4 EAST FULTON STREET, SUITE 200 GRAND RAPIDS, MICHIGAN 49503 PHONE: 616.456.9944 FAX: 616.456.5936

BUILDING: ENERGY: PLUMBING: MECHANICAL FUEL GAS: ELECTRICAL: **BARRIER-FREE**

GENERAL

TECHNOLOGY

CONSTRUCTION MANAGER

SITE ADDRESS

PORTAGE PUBLIC SCHOOLS NORTHERN HIGH SCHOOL 1000 IDAHO AVE PORTAGE, MI 49024

REFERENCED CODES

2015 MICHIGAN BUILDING CODE AND 2012 NFPA 101 LIFE SAFETY CODE 2015 MICHIGAN ENERGY CODE 2015 MICHIGAN PLUMBING CODE 2015 MICHIGAN MECHANICAL CODE (IFGC) 2015 INTERNATIONAL FUEL GAS CODE 2017 NATIONAL ELECTRICAL CODE WITH MICHIGAN AMENDMENTS 2015 MICHIGAN BUILDING CODE AND 2009 ICC & C A117.1

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T 101 AUDITORIUM MAIN LEVEL TECHNOLOGY PLAN T 151 AUDITORIUM TECHNOLOGY CEILING PLAN T 401 TECHNOLOGY DETAILS



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ISSUED FOR	DATE
PROJECT TITLE NORTHERN AUDITORIUM IMPROVEMENTS	
PORTAGE PUBLIC SCHOOLS	Portage, Michigan
F	date MARCH 25, 2022



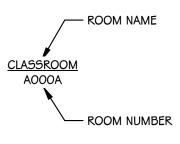
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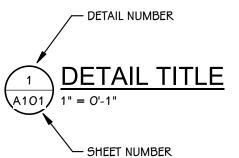
TYPICAL SYMBOLS & REFERENCES

ROOM IDENTIFICATION TAG

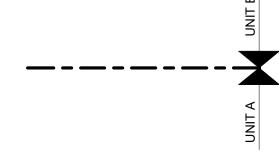


NOTE: ROOM NAMES AND NUMBERS ON PLANS ARE FOR CONSTRUCTION PURPOSES ONLY. COORDINATE WITH OWNER REGARDING PROPOSED NUMBERS FOR ALL SIGNAGE, SCHEDULE AND PANEL DESIGNATIONS.

DETAIL TITLE



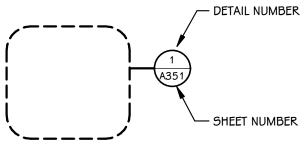
UNIT MATCHLINES

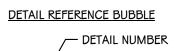


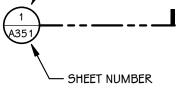
TYPICAL NOTATION SYMBOLS

CALLOUT REFERENCE BUBBLE

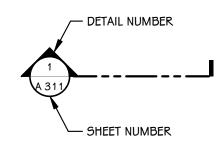
EXTERIOR ELEVATION REFERENCE BUBBLE







BUILDING SECTION REFERENCE BUBBLE



ELEVATION AND SECTION REFERENCE TOOLS

ELEVATION TAG - EXISTING FINISH FLOOR ELEVATION 100'-0" 100'-0"

ELEVATION TAG FOR EXTERIOR ELEVATIONS AND BUILDING SECTIONS ELEVATION TAG FOR FLOOR PLANS AND REFLECTED CEILING PLANS

ELEVATION TAG FOR EXTERIOR ELEVATIONS

AND BUILDING SECTIONS

REFLECTED CEILING PLANS

ELEVATION TAG - NEW

FINISH FLOOR ELEVATION 100'-0"

100'-0"

WORKING POINT LAYOUT TAG

100'-0" : 100'-0"

ELEVATION TAG FOR FLOOR PLANS AND

- DISTANCE IN THE "Y" DIRECTION FROM THE "X" BASE LINE

- DISTANCE IN THE "X" DIRECTION FROM THE "Y" BASE LINE

BORROWED LIGHT AND DOOR IDENTIFICATION

SHEET NUMBER - DOOR NUMBER - CORRESPONDS TO THE ROOM NUMBER

- LETTER DESIGNATES MORE THAN ONE IN ROOM

<u>SYMBOLS</u>

00-

BARRIER-FREE

REVISION IDENTIFIER (ADDENDUM AND BULLETIN)

COLUMN BUBBLE AND LINE

GENERAL NOTES - ARCHITECTURAL

- 1. THE OWNER RESERVES THE RIGHT TO REMOVE ANY ITEM FROM THE PROJECT PRIOR TO COMMENCEMENT OF CONTRACTED DEMOLITION WORK.
- 2. ALL EXISTING CONDITIONS SHOULD BE FIELD VERIFIED BEFORE WORK BEGINS.
- 3. DIMENSIONS GIVEN ARE ACTUAL AND ARE TO THE FACE OF MASONRY UNITS OR TO THE FACE OF STUD FRAMING, UNLESS NOTED OTHERWISE.
- 4. DETAILS SHOWN ILLUSTRATE DESIGN INTENT, NOT ALL POSSIBLE CONDITIONS. FOR CONDITIONS NOT SHOWN, USE DETAILS CLOSEST TO CONDITION IN QUESTION.
- 5. EXTEND ALL INTERIOR WALL PARTITIONS FROM FLOOR TO STRUCTURE/DECK ABOVE UNLESS NOTED OR DETAILED OTHERWISE.
- 6. WITHIN BUILDING INTERIOR PROVIDE BULLNOSE BLOCK IN CMU WALL ASSEMBLIES AT ALL EXPOSED OUTSIDE CORNERS, INCLUDING WINDOW AND DOOR JAMBS, UNLESS NOTED OR DETAILED OTHERWISE. PROVIDE SQUARE OUTSIDE CORNERS AT ALL LOCATIONS FINISHED WITH WALL TILE, REFER TO FINISH PLANS (AGOO SHEETS) FOR LOCATIONS.
- 7. TOOTH-IN MASONRY AT NEW OPENINGS IN EXISTING WALLS.
- 8. TOOTH-IN NEW MASONRY INFILL INTO EXISTING OPENINGS AT ALL BULLNOSE BLOCK LOCATIONS.
- 9. STUD WALLS SPANNING OVER 12'-O" IN HEIGHT SHALL BE A MINIMUM OF 20 GAGE.
- 10. STUD WALL SUPPORTING WALL CABINETS SHALL BE A MINIMUM OF 20 GAGE.
- 11. DOORS ARE TO BE 4" FROM CORNER OF ROOM, UNLESS NOTED OR DIMENSIONED OTHERWISE.
- 12. FIRESTOP ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES AND CONCEALED WALL SPACES AT CEILING, FLOOR AND ROOF LEVELS.
- 13. FIRESEAL ALL PENETRATIONS, SUCH AS, PIPES, DUCTS, CONDUITS, ETC. THROUGH FIRE AND/OR SMOKE RATED ASSEMBLIES.
- 14. FOR CONTROL JOINT (C.J.) LOCATIONS REFER TO EXTERIOR ELEVATIONS AND/OR FLOOR PLANS.
- 15. PAINT ALL ELECTRICAL PANEL COVERS AND ACCESS PANELS TO MATCH ADJACENT FINISHES. USING OIL-BASED PAINT, NOT LATEX WALL PAINT.
- 16. PROVIDE WOOD BLOCKING IN WALLS THAT REQUIRE WALL MOUNTED EQUIPMENT OR ACCESSORIES. COORDINATE WITH EQUIPMENT OR ACCESSORY MANUFACTURER.
- 17. PROVIDE ALL ASSOCIATED CURBS FOR ROOF TOP EQUIPMENT AND MECHANICAL ROOF TOP UNITS. LARGE VOIDS BELOW THE AIR HANDLING UNITS SHALL BE FILLED WITH INSULATION AS SPECIFIED FOR NOISE CONTROL.
- 18. ALL EXISTING ROOF TOP PENETRATIONS BEING REMOVED REQUIRE ROOF PATCHING TO MATCH EXISTING ADJACENT.

GENERAL DEMOLITION NOTES

- 1. CONTRACTORS ARE REQUIRED TO INSPECT/REVIEW THE EXISTING BUILDING PRIOR TO RELATED DEMOLITION WORK. UNLESS NOTED OTHERWISE, REMOVAL OF ANY WALL, FLOOR OR CEILING INCLUDES ALL GENERAL MECHANICAL AND ELECTRICAL ITEMS WHICH ARE A PART OF, OR ATTACHED TO IT.
- 2. CONTRACTOR SHALL VERIFY ALL EXISTING JOB SITE CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR THE SAME. ADVISE CONSTRUCTION MANAGER OF ANY AND ALL DISCREPANCIES.
- 3. PATCH FLOORS, WALLS AND CEILINGS DAMAGED DURING CONSTRUCTION AND DEMOLITION AS REQUIRED. FINISH TO MATCH EXISTING.
- 4. ACCOMMODATE NEW CONSTRUCTION IF NOT INDICATED.
- 5. PROTECT ALL EXISTING FINISHES THROUGHOUT PROJECT.
- 6. REFER TO DEMOLITION ELEVATIONS, SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION.
- 7. REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION NOTES.
- 8. SALVAGE ALL UNISTRUT AND PROTECT FOR RE-USE IN NEW CONSTRUCTION, IF REQUIRED.
- 9. AT LOCATIONS OF REMOVED WALLS, ALL ASSOCIATED ITEMS ATTACHED TO THE WALL ARE TO BE REMOVED. SUCH AS: DOORS, WINDOWS, FRAMES, MARKERBOARDS, TACKBOARDS, TACK STRIPS, ETC.

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Architecture · Engi	4 East Fulton Street, Suite 200 Grand Rapids, Michigan 49503 616.456.9944 PHONE 616.456.5936 FAX
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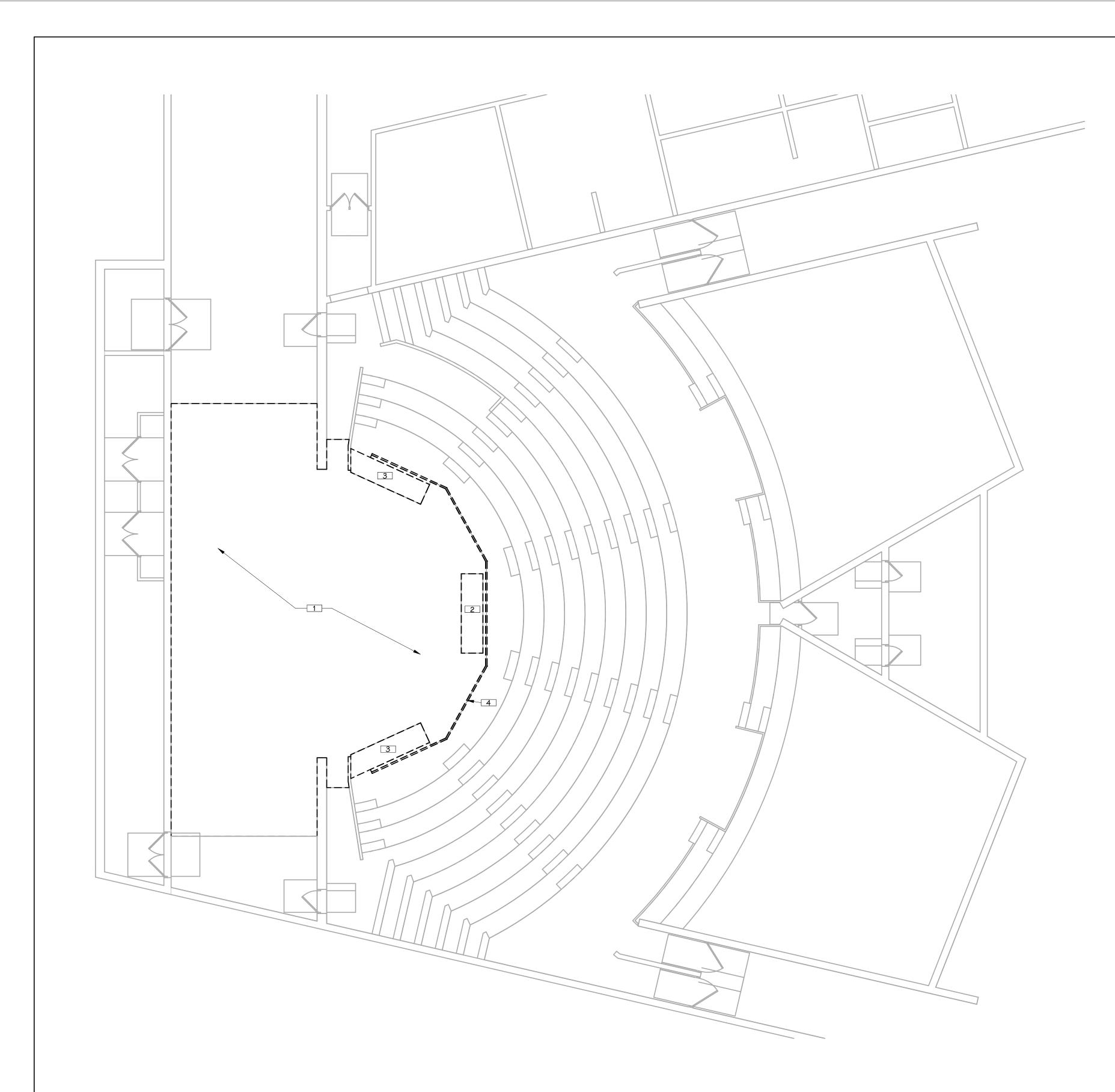
- ELEVATION LETTER

- SHEET NUMBER

INTERIOR ELEVATION REFERENCE BUBBLE

- ELEVATION NUMBER

SHEET NUMBER





KE	
1	REMOVE EXISTING WOOD FLOOR SYSTEM DOWN TO CONCRETE. CLEAN AND PREP CONCRETE AS NESCESSARY FOR INSTALLATION OF NEW WOOD FLOORING SYSTEM.
2	REMOVE AND DISPOSE OF EXISTING REMOVEABLE FLOOR PANEL. SALVAGE ANY HARDWARE AS REQUIRED FOR CONSTRUCTION OF NEW REMOVABLE PANEL.
3	REMOVE AND DISPOSE OF EXISTING REMOVABLE FLOOR PANEL. SCAFFOLDING TO REMAIN FOR INSTALLATION OF NEW REMOVEABLE FLOOR PANELS. SALVAGE ANY HARDWARE AS REQUIRED FOR CONSTRUCTION OF NEW PANELS.
4	REMOVE AND SALVAGE EXISTING NOSING AND TRIM FOR REINSTALLATION.

SHEET TITLE FIRST FLOOR D	TITLE ST FLOOR DEMOLITION PLAN	OWNER PORTAGE PUBLIC SCHOOLS	PROJECT TITLE NORTHERN AUDITORIUM IMPROVEMENTS	I <u>SSUED FOR</u>	
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AD 101	рате МАRCH 25, 2022	ronage, michigan			4 East Fulton Street, Suite 2 Grand Rapids, Michigan 495 616.456.9944 PHONE 616.456.5
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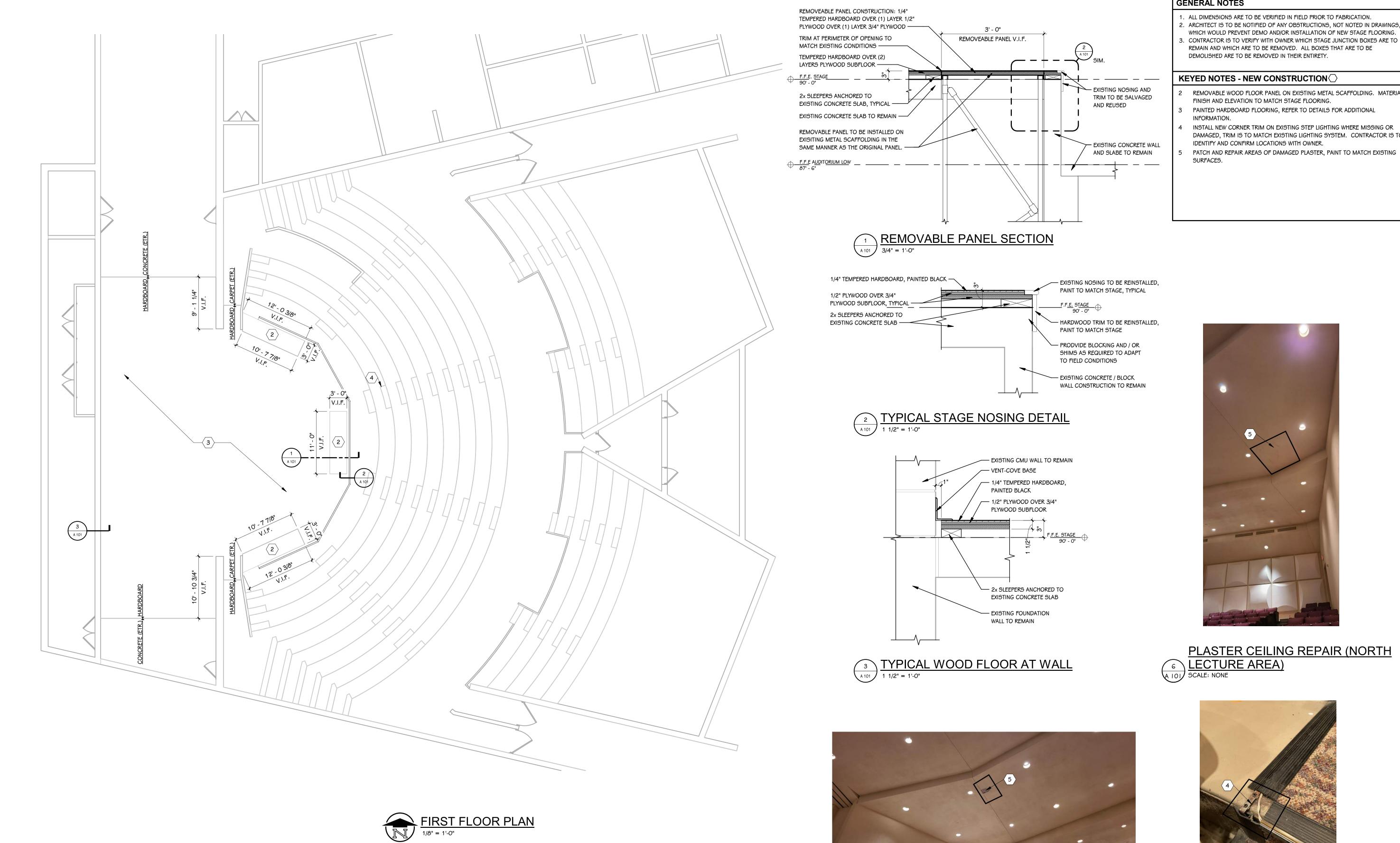
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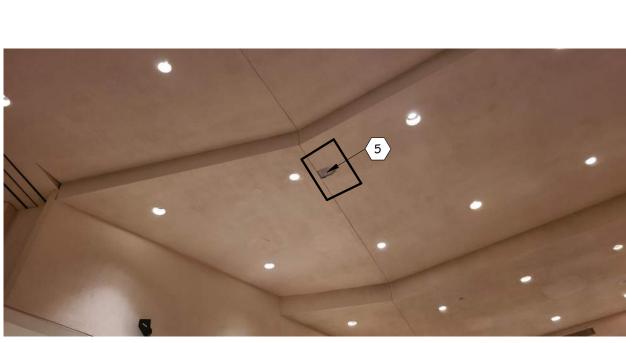
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242 Kala 260

Street, Suite 200 Michigan 49503 PHONE 616.456.5936







5 A 101 SCALE: NONE

GENERAL NOTES

INFORMATION.

SURFACES.

1. ALL DIMENSIONS ARE TO BE VERIFIED IN FIELD PRIOR TO FABRICATION.

DEMOLISHED ARE TO BE REMOVED IN THEIR ENTIRETY.

KEYED NOTES - NEW CONSTRUCTION \bigcirc

FINISH AND ELEVATION TO MATCH STAGE FLOORING.

IDENTIFY AND CONFIRM LOCATIONS WITH OWNER.

2. ARCHITECT IS TO BE NOTIFIED OF ANY OBSTRUCTIONS, NOT NOTED IN DRAWINGS,

WHICH WOULD PREVENT DEMO AND/OR INSTALLATION OF NEW STAGE FLOORING.

REMOVABLE WOOD FLOOR PANEL ON EXISTING METAL SCAFFOLDING. MATERIAL,

INSTALL NEW CORNER TRIM ON EXISTING STEP LIGHTING WHERE MISSING OR

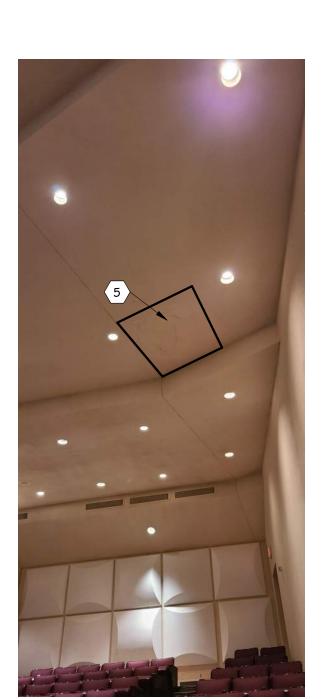
PATCH AND REPAIR AREAS OF DAMAGED PLASTER, PAINT TO MATCH EXISTING

DAMAGED, TRIM IS TO MATCH EXISTING LIGHTING SYSTEM. CONTRACTOR IS TO

3. CONTRACTOR IS TO VERIFY WITH OWNER WHICH STAGE JUNCTION BOXES ARE TO

REMAIN AND WHICH ARE TO BE REMOVED. ALL BOXES THAT ARE TO BE

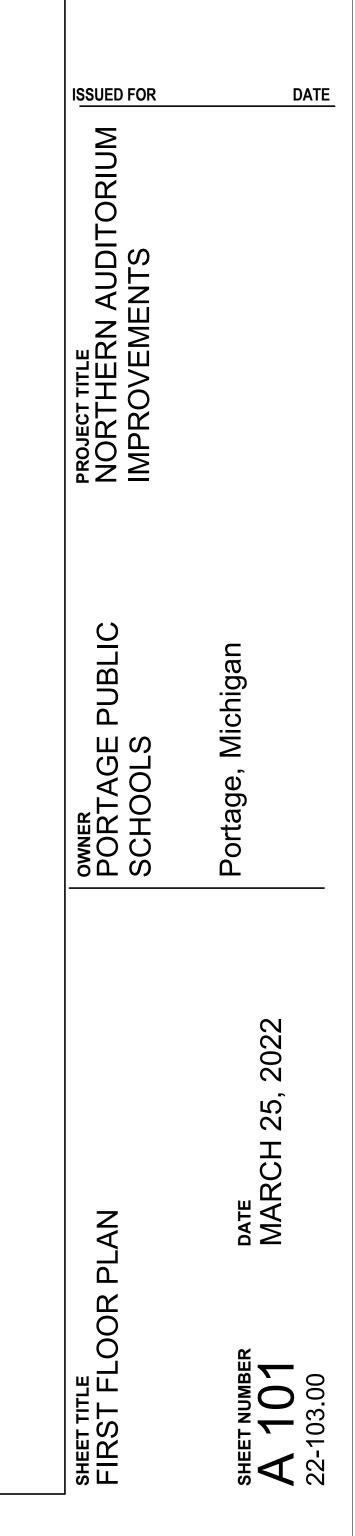
PAINTED HARDBOARD FLOORING, REFER TO DETAILS FOR ADDITIONAL

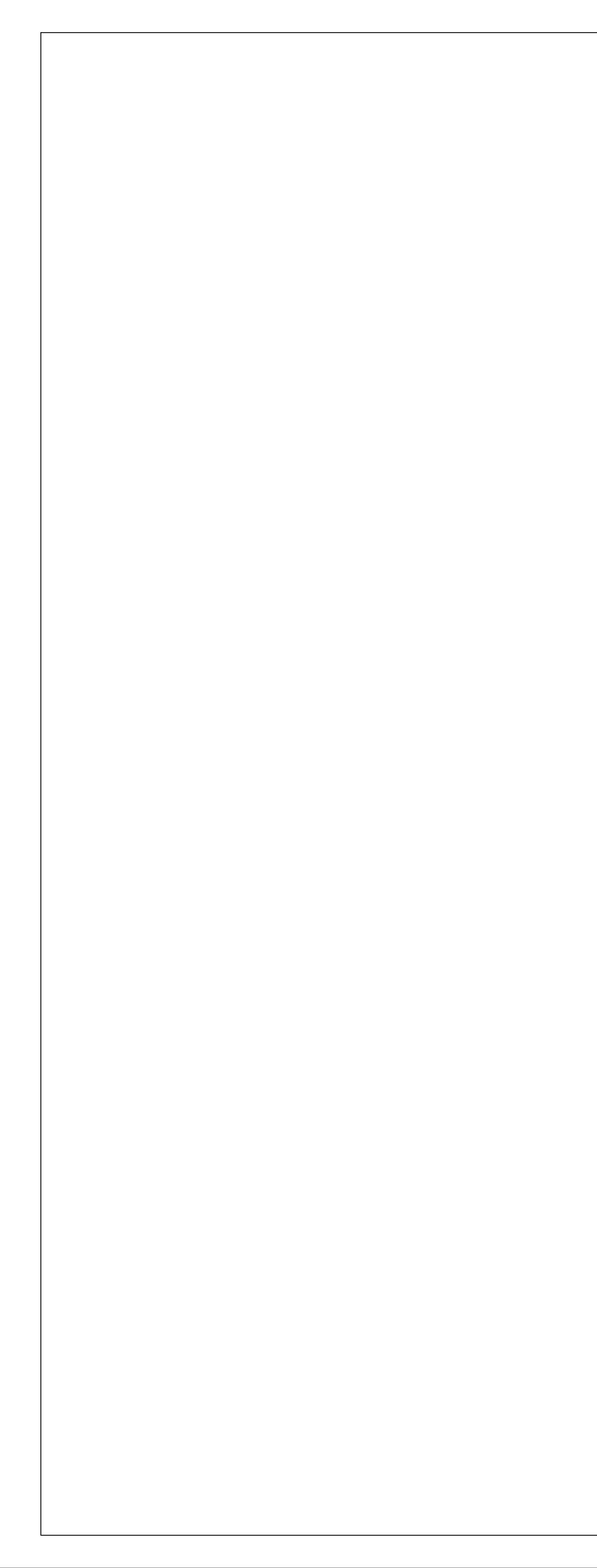




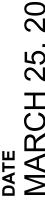
4 A 101 SCALE: NONE

inkste	eering · Interiors	242 East Kalamazoo Avenue, Suite Kalamazoo, Michigan 49007-5828 269.343.6133 PHONE 269.343.663
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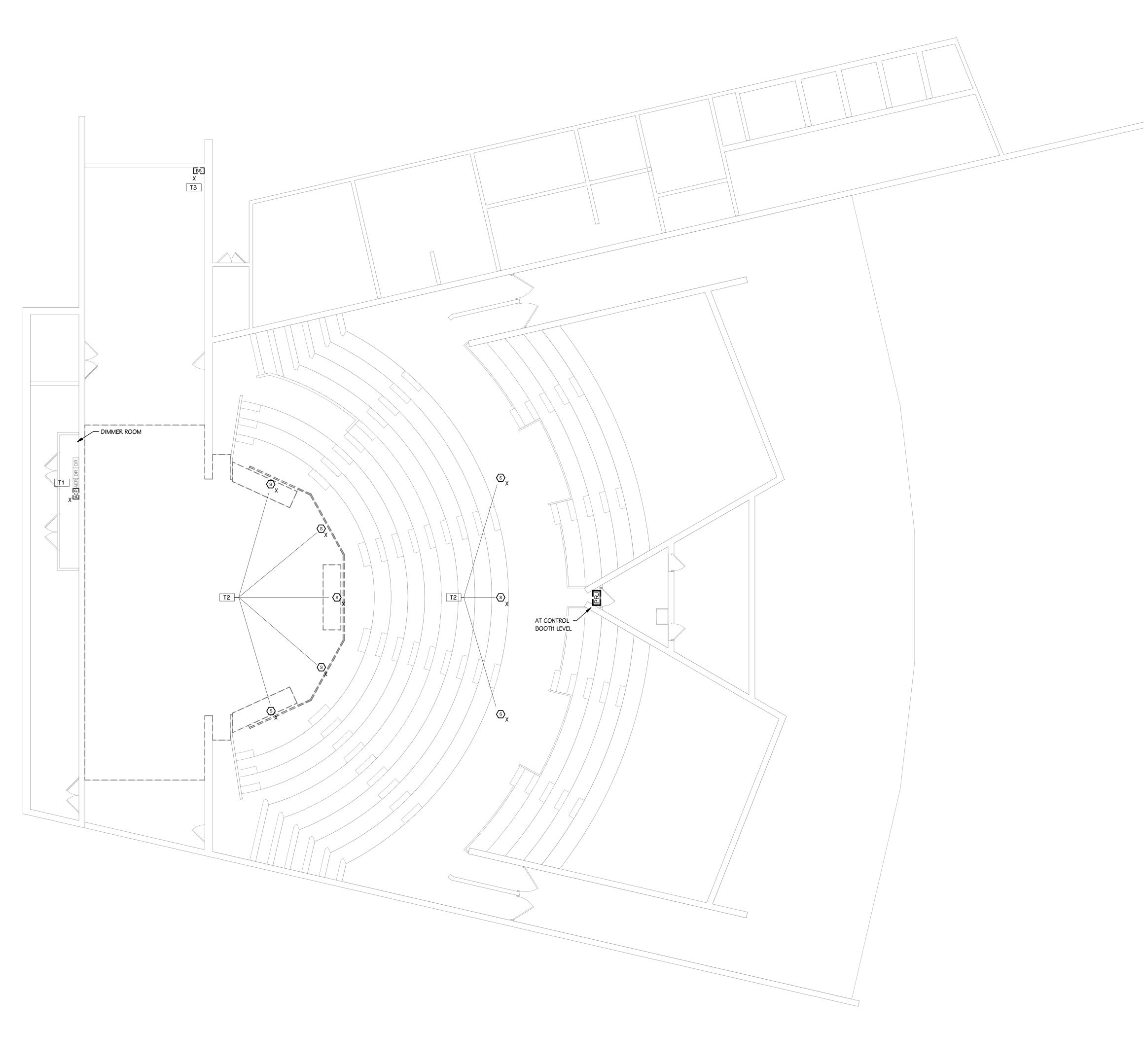


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	VISUAL/LIGHTING SYMBOLS	GE	TECHNOLOGY CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING		ite 100 28 633 Fax Eer.com seerved
PRJ DR AER	PROJECTOR, (REFER TO DETAILS) EXISTING ETC DIMMER RACK, (REFER TO DETAILS) EXISTING AUXILIARY LIGHTING EQUIPMENT RACK, (REFER TO DETAILS)		AND PATCHING REQUIRED FOR NEW WORK OR WHERE DEVICES ARE REMOVED AND NOT REPLACED.	E E	Interiors azoo Avenue, Suite 100 higan 49007-5828 IONE 269.343.6633 FAX TOWERPINKSTER.COM 2022 ALL RIGHTS RESERVED
ACP TSC BS	ARCHITECTURAL CONTROL PROCESSOR, (REFER TO DETAILS) TOUCHSCREEN LIGHTING CONTROL, (REFER TO DETAILS) LIGHTING BUTTON STATION, (REFER TO DETAILS)	2	WALL MOUNT DEVICES ARE TO ALIGN VERTICALLY AND HORIZONTALLY. A PRE-INSTALL DEVICE COORDINATION MEETING FOR DEVICE FINISHES AND LAYOUT MAY BE REQUIRED IN THE SPECIFICATION FOR THIS PROJECT.	ks S	• Inte imazoo / dichigan PHONE © 2022
	EXISTING EQUIPMENT RACK, (REFER TO DETAILS)	3	REFER TO TECHNOLOGY, ELECTRICAL AND ARCHITECTURAL DETAILS AND ELEVATIONS FOR SYMBOL INFORMATION AND ELEVATION DETAIL.		erin East K amazoc 0.343.61
S	LOUDSPEAKER CEILING - MOUNTED, (REFER TO DETAILS)	4	DEVICES AND EQUIPMENT SHOWN DASHED OR WITH AN "X" ARE TO BE REMOVED. FIXTURES, DEVICES AND EQUIPMENT SHOWN LIGHTLY OR WITH AN "E" ARE EXISTING TO REMAIN UNDISTURBED.	D	
		5	DEVICES SHOWN WITH AN "R" ARE EXISTING TO BE REPLACED WITH NEW DEVICE AND COVERPLATE.		ture • Jure • higan 4950 : 616.456.59
		6	TEMPORARILY SUPPORT EXISTING CEILING DEVICES TO REMAIN IN EXISTING CEILINGS TO BE REPLACED. REINSTALL DEVICES INTO NEW CEILING.	Š	Architecture • Eng 4 East Fulton Street, Suite 200 Grand Rapids, Michigan 49503 616.456.9944 PHONE 616.456.5936 FAX
		7	CONTRACTOR SHALL BE RESPONSIBLE FOR PROJECT PHASING. TEMPORARY WIRING TO KEEP SYSTEMS RUNNING SHALL BE PROVIDED AS REQUIRED WHILE BUILDING IS OCCUPIED BETWEEN PHASES OF CONSTRUCTION.	م م	Ar 4 East F Grand F 616.456
		8	ALL EQUIPMENT AND DEVICES SHALL BE CAREFULLY REMOVED TO AVOID DAMAGE. OWNER SHALL BE GIVEN FIRST RIGHT OF REFUSAL ON EQUIPMENT. TURN OVER DEVICES TO OWNER AT OWNER'S REQUEST. REFUSED EQUIPMENT SHALL BE RECYCLED OR DISPOSED OF OFF SITE		
		9	BY CONTRACTOR EACH TECHNOLOGY CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF INDICATED TECHNOLOGY DEVICES AND/OR CABLING OF THE TYPE THAT THE CONTRACTOR IS PROVIDING FOR IN NEW CONSTRUCTION. ADHERE TO PHASING REQUIREMENTS.		
		10	CONTRACTOR SHALL FOLLOW EXISTING CABLE PATH WHERE POSSIBLE. IN EXPOSED AREAS, INSTALL CABLING IN CONDUIT OR PANDUIT LD SERIES SURFACE RACEWAY UP TO 10' AFF. PAINT CONDUIT/RACEWAY TO MATCH WALL. SUPPORT CABLING ABOVE 10' WITH J-HOOKS.		
		AU	DIO SYSTEM NOTES	ISSUED FOR	DATE
		1	AUDIO SYSTEM SHALL BE FREE OF NOISE, RATTLE, HUM, BUZZ, OR ANY OTHER AUDIO DISTORTIONS	ິທ	
		2	SECURE CABLES UTILIZING VELCRO STRAPS. WIRE "ZIP TIES" SHALL NOT BE USED		
		3	ROUTE ALL CABLES IN A MANNER THAT WILL ENSURE SIGNAL INTEGRITY	₩ ₩	
		4	AND WILL NOT INTRODUCE CROSSTALK PROVIDE A SERVICE LOOP FOR RACKS AND EQUIPMENT SUITABLE TO EASILY PLUG AND UNPLUG EQUIPMENT FOR TROUBLESHOOTING OR	PROVEMENT	
		5	REPLACEMENT NEATLY DRESS ALL CABLING INSTALLED INSIDE AND OUTSIDE OF RACKS	MPF	
		6	IN A SUITABLE HARNESS TO KEEP CABLES CLEAN, NEAT, AND TIDY		
		0	MICROPHONE AND SOFTWARE (SMAART OR EASERA)		
		7	ADJUST EQ AND CROSSOVER SETTINGS IN AMPLIFIER AND/OR DSP TO PROVIDE FLAT FREQUENCE RESPONSE, FULL RANGE AUDIO WITH PROTECTIVE LIMITING	AUDITORIUM	
		8	USE SPEECH, HIGH QUALITY REFERENCE AUDIO, AND SINE WAVE SWEEPS TO TEST THE SYSTEM - CORRECT ANY ABNORMALITIES	-	
		9	VERIFY PROPER FUNCTION OF ALL INSTALLED EQUIPMENT (NEW AND EXISTING)	HERN	
		10	TURN OVER EXISTING UNUSED EQUIPMENT TO OWNER - NEATLY ORGANIZED	STH RTH	
		11	COORDINATE WITH OWNER FOR LABELING OF EQUIPMENT AND AUDIO CONSOLE CHANNELS AND BUSSES AS WELL AS CONSOLE CONFIGURATION	PROJECT NORTI	
		12	REMOTE MOUNT ALL ANTENNAS AS REQUIRED FOR MAXIMUM PERFORMANCE		
		13	CONFIGURE DELAYS ON ANY SPEAKERS THAT ARE STAGGERED IN A LISTENING PLANE TO TIME-ALIGN AUDIO		
		14	CONNECT COMPONENTS TO POWER SEQUENCER IN SUCH A WAY AS TO MITIGATE POPPING AND SYSTEM DAMAGE DURING SYSTEM POWER UP AND POWER DOWN		
			DEO SYSTEM NOTES	ဂ်	
		1	INSTALLED VIDEO SYSTEMS SHALL NOT HAVE NOISE, FLICKER, UNEVEN BRIGHTNESS, OR ANY OTHER VISUAL ANOMOLIES OR DEFICIENCIES		
		2	EDID SHALL BE MANAGED AND MAINTAINED TO ENSURE PROPER DISPLAY IDENTIFICATION BY SOURCES	SCHOOL	
		3	HDCP SHALL BE MAINTAINED FROM ALL SOURCES TO ALL SINKS	IC S	C
		4	COORDINATE ALL NETWORK NEEDS WITH OWNER INCLUDING IP ADDRESSING, PROTOCOLS REQUIRED FOR EQUIPMENT OPERATION, AND BANDWIDTH IMPLICATIONS	E PUBLI	Michigan
		тн	EATRICAL LIGHTING NOTES	- AG	
		1	DMX WIRE MUST BE INSTALLED AS A DAISY-CHAIN UNLESS SHOWN OTHERWISE	PORT	Portage,
		2	TOTAL LENGTH OF A DMX CABLE RUN SHALL NOT EXCEED 1000 FEET AND SHALL NOT INCLUDE MORE THAN 32 DEVICES	<u>§</u> d	<u>д</u>
		3	A DMX TERMINATOR MUST BE INSTALLED AT THE END OF EACH RUN	AL	
		4 5	NETWORK WIRING RUNS SHALL NOT EXCEED 295 FEET SECURE CABLES USING VELCRO STRAPS. WIRE "ZIP-TIES" SHALL NOT BE USED.	ENER	
		6	BE USED. PROVIDE A SERVICE LOOP FOR RACKS AND EQUIPMENT SUITABLE TO EASILY PLUG AND UNPLUG EQUIPMENT FOR TROUBLESHOOTING OR REPLACEMENT	U U	2022
		7	NEATLY DRESS ALL CABLING INSTALLED INSIDE AND OUTSIDE OF RACKS IN A SUITABLE HARNESS TO KEEP CABLES CLEAN, NEAT, AND TIDY	S AND	1 25,
		8	PROVIDE ALL NETWORK EQUIPMENT REQUIRED FOR AN OPERABLE SYSTEM		DATE MARCH 25,
		9	VERIFY SEAMLESS CONTROL OF ALL THEATRICAL AND ARCHITECTURAL LIGHTING FROM ALL CONTROL STATIONS	SYMB(МА
		10	COORDINATE WITH OWNER FOR LABELING OF EQUIPMENT, PROGRAMMING OF LIGHTING CONSOLE, AND PROGRAMMING OF BUTTON STATION AND TOUCH SCREEN PRESETS)GY	
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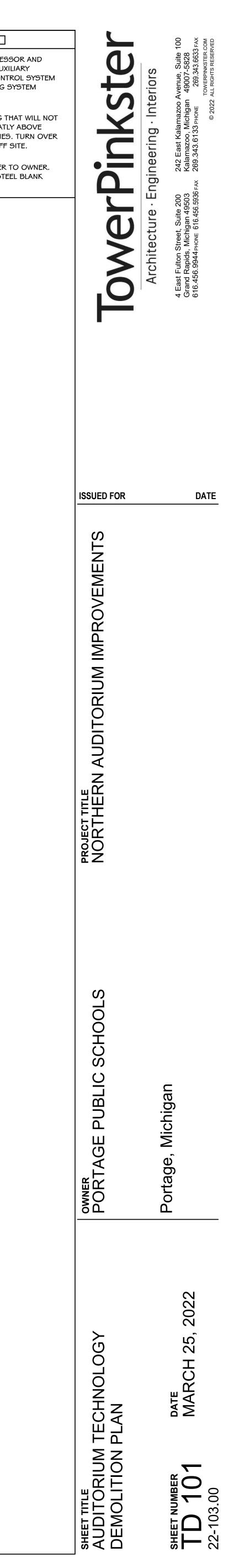


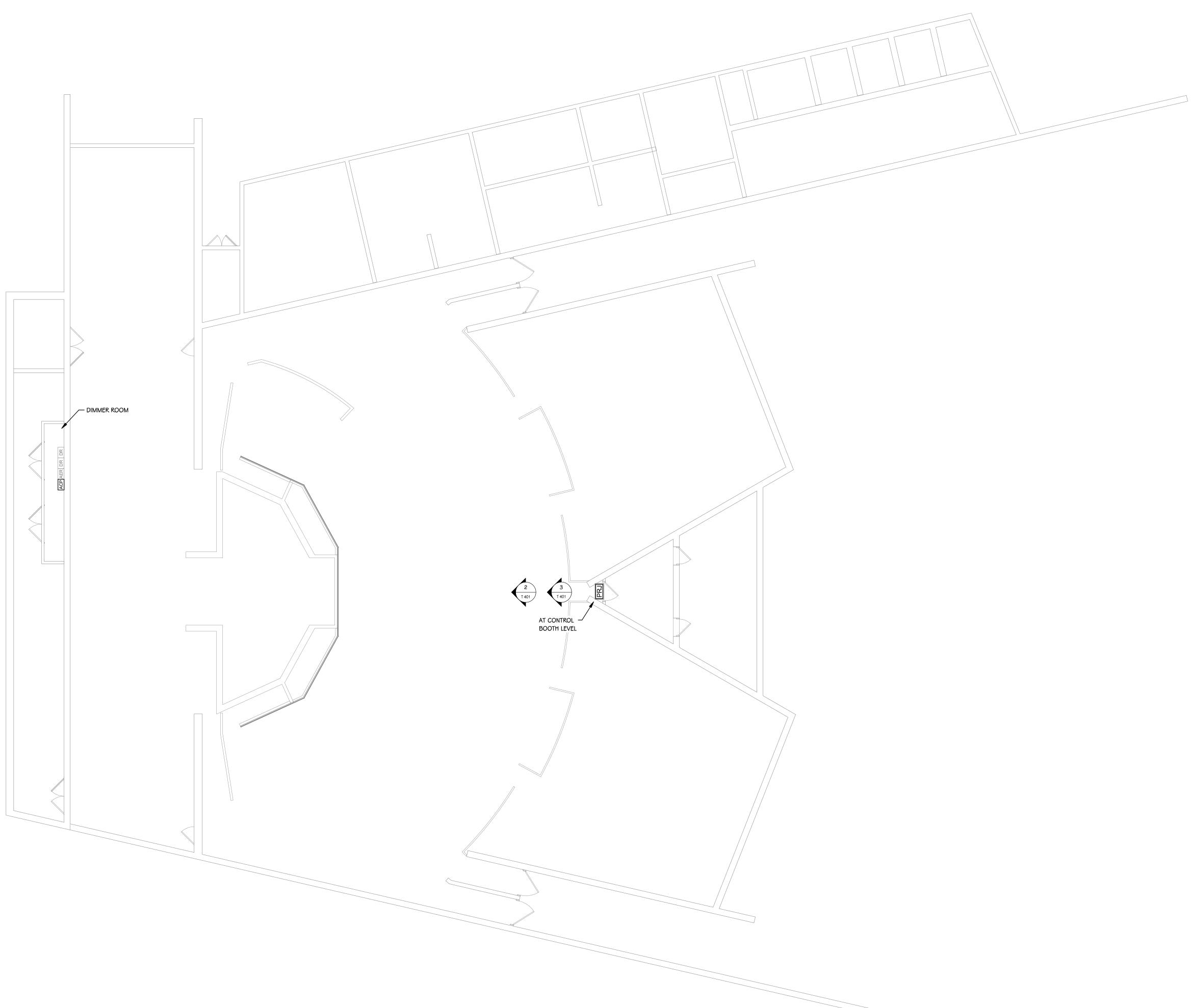


AUDITORIUM TECHNOLOGY DEMOLITION PLAN

TECHNOLOGY DEMOLITION KEYED NOTES

- T1 REMOVE EXISTING ARCHITECTURAL CONTROL PROCESSOR AND SPECIFIC EQUIPMENT FROM DIMMER RACKS AND AUXILIARY EQUIPMENT RACK TO BE REPLACED AS PART OF CONTROL SYSTEM AND POWER PACKAGE UPGRADE. REFER TO LIGHTING SYSTEM DIAGRAM ON T401 FOR EQUIPMENT DETAILS.
- T2 DISCONNECT AND REMOVE SPEAKERS AND RIGGING THAT WILL NOT BE REUSED. COIL ANY UNUSED SPEAKER CABLE NEATLY ABOVE CEILING AND ATTACH TO STRUCTURE WITH CABLE TIES. TURN OVER SPEAKERS TO OWNER AND DISPOSE OF RIGGING OFF SITE.
- T3 REMOVE EXISTING BUTTON STATION AND TURN OVER TO OWNER. CABLING TO REMAIN. INSTALL 1-GANG STAINLESS STEEL BLANK COVER PLATE.

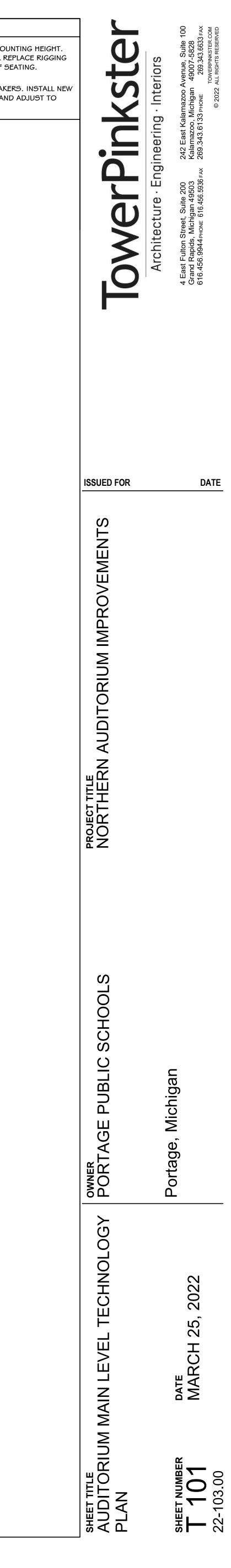




AUDITORIUM MAIN LEVEL TECHNOLOGY PLAN

TECHNOLOGY KEYED NOTES

- UTILIZE EXISTING SPEAKER LOCATION. MAINTAIN MOUNTING HEIGHT. ATTACH TO ABOVE STEEL STRUCTURE. ADJUST OR REPLACE RIGGING AS NECESSARY TO OPTIMIZE AUDIO COVERAGE OF SEATING.
- MATCH MOUNTING HEIGHT OF EXISTING MAIN SPEAKERS. INSTALL NEW RIGGING ATTACHED TO ABOVE STEEL STRUCTURE AND ADJUST TO OPTIMIZE AUDIO COVERAGE OF SEATING AREA.



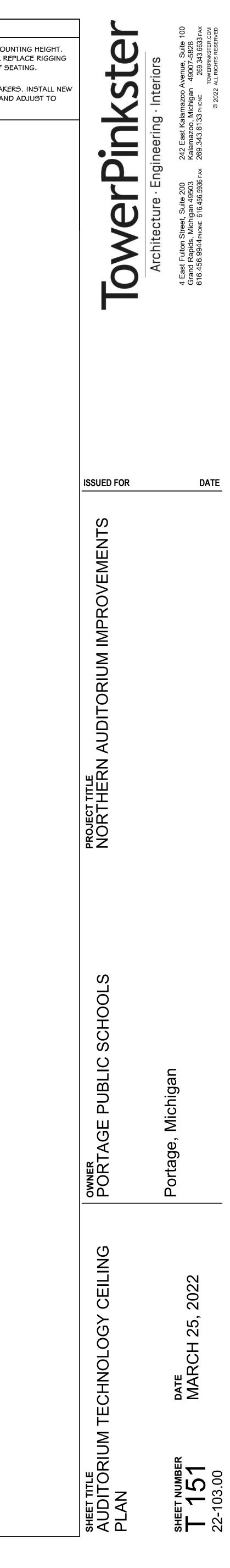


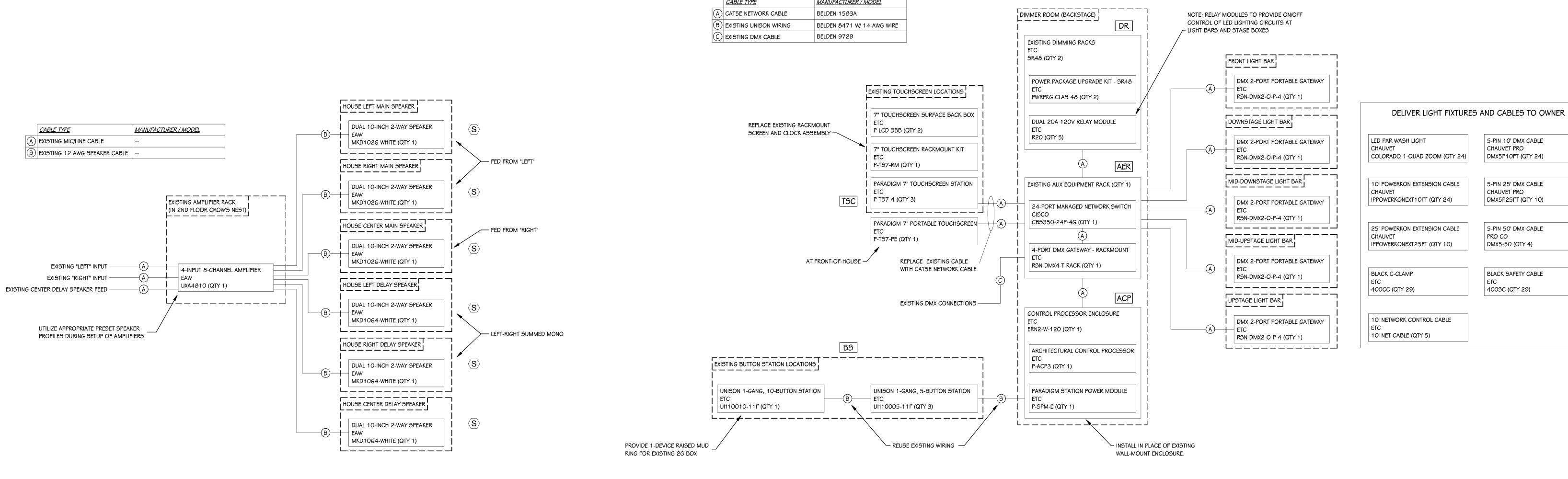


TECHNOLOGY KEYED NOTES

1 UTILIZE EXISTING SPEAKER LOCATION. MAINTAIN MOUNTING HEIGHT. ATTACH TO ABOVE STEEL STRUCTURE. ADJUST OR REPLACE RIGGING AS NECESSARY TO OPTIMIZE AUDIO COVERAGE OF SEATING.

2 MATCH MOUNTING HEIGHT OF EXISTING MAIN SPEAKERS. INSTALL NEW RIGGING ATTACHED TO ABOVE STEEL STRUCTURE AND ADJUST TO OPTIMIZE AUDIO COVERAGE OF SEATING AREA.





(T 401) AUDITORIUM AUDIO SYSTEM DIAGRAM SCALE: NONE

PRJ	
EXISTING PROJECTOR CONNECTIONSWUXGA 3LCD LASER PROJECTOR EPSON EB-PU1007W (QTY 1)MIDDLE ZOOM #3 PROJECT EPSON ELPLM10 (QTY 1)	OR LENS

	CABLE TYPE	MANUFACTURER / MODEL
(A)	CAT5E NETWORK CABLE	BELDEN 1583A
B	EXISTING UNISON WIRING	BELDEN 8471 W/ 14-AWG WIRE
\bigcirc	EXISTING DMX CABLE	BELDEN 9729

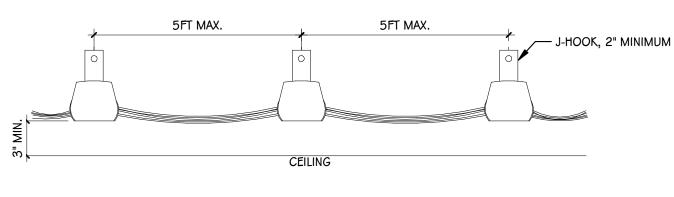
MOUNT SPEAKERS HORIZONTALLY IN LOCATIONS SHOWN ON T 151

ADJUST VERTICAL TILT AND HORIZONTAL ROTATION TO OPTIMIZE COVERAGE OF SEATING AREA

UTILIZE M10 EYE BOLTS AND AIRCRAFT CABLE ACCORDING TO MANUFACTURER'S SPECIFICATIONS FOR SUSPENSION OF SPEAKERS

SPEAKER MOUNTING DETAIL SCALE: NONE

2 T 401 SCALE: NONE



CABLE SUPPORT DETAIL



