

CENTRAL HIGH SCHOOL AUDITORIUM IMPROVEMENTS

PORTAGE PUBLIC SCHOOLS Portage, Michigan 100% CONSTRUCTION DOCUMENTS

DESIGN TEAM

ARCHITECT/ENGINEER

TowerPinkster
Architecture · Engineering · Interiors

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REFERENCED CODES

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

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SITE ADDRESS

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CENTRAL HIGH SCHOOL
8135 S WESTNEDGE AVE
PORTAGE, MI 49002

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ISSUED FOR _____ DATE _____

PROJECT TITLE
CENTRAL HIGH SCHOOL
AUDITORIUM
IMPROVEMENTS

OWNER
PORTAGE PUBLIC
SCHOOLS
Portage, Michigan

SHEET TITLE
COVER SHEET

SHEET NUMBER
G 001
22-103.00

DATE

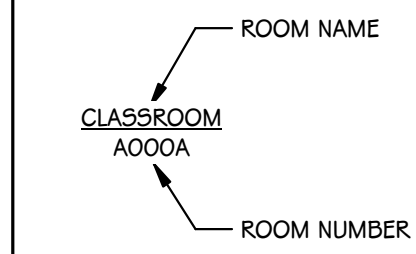
MARCH 25, 2022

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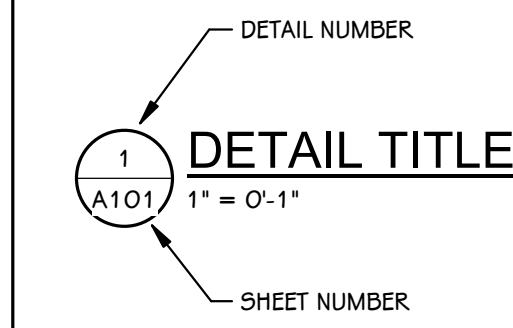
TYPICAL SYMBOLS & REFERENCES

ROOM IDENTIFICATION TAG

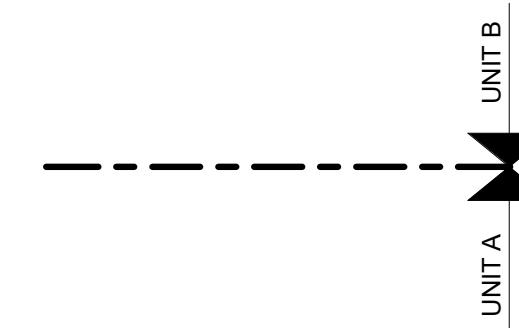


NOTE:
ROOM NAMES AND NUMBERS ON PLANS ARE FOR CONSTRUCTION PURPOSES ONLY. COORDINATE WITH OWNER REGARDING PROPOSED NUMBERS FOR ALL SIGNAGE, SCHEDULE AND PANEL DESIGNATIONS.

DETAIL TITLE

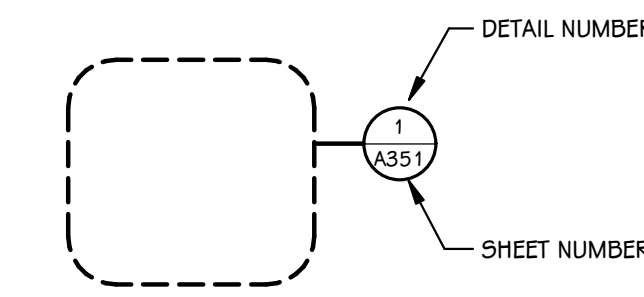


UNIT MATCHLINES

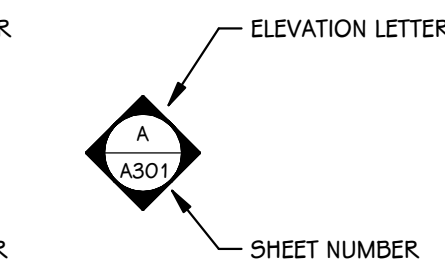


TYPICAL NOTATION SYMBOLS

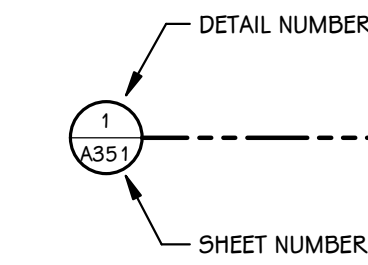
CALLOUT REFERENCE BUBBLE



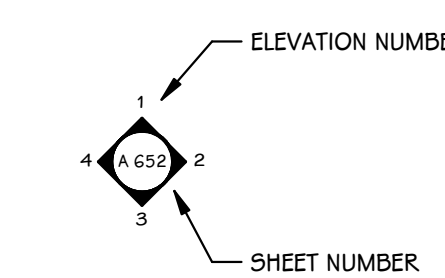
EXTERIOR ELEVATION REFERENCE BUBBLE



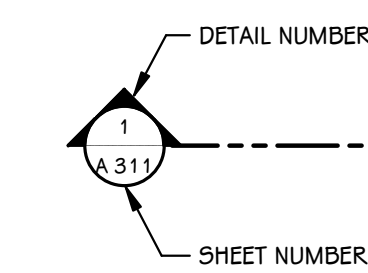
DETAIL REFERENCE BUBBLE



INTERIOR ELEVATION REFERENCE BUBBLE

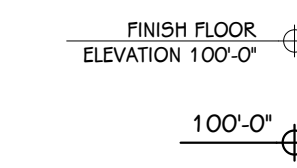


BUILDING SECTION REFERENCE BUBBLE

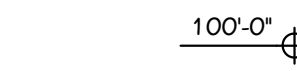


ELEVATION AND SECTION REFERENCE TOOLS

ELEVATION TAG - EXISTING



ELEVATION TAG FOR EXTERIOR ELEVATIONS AND BUILDING SECTIONS

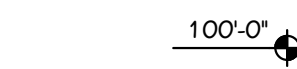


ELEVATION TAG FOR FLOOR PLANS AND REFLECTED CEILING PLANS

ELEVATION TAG - NEW

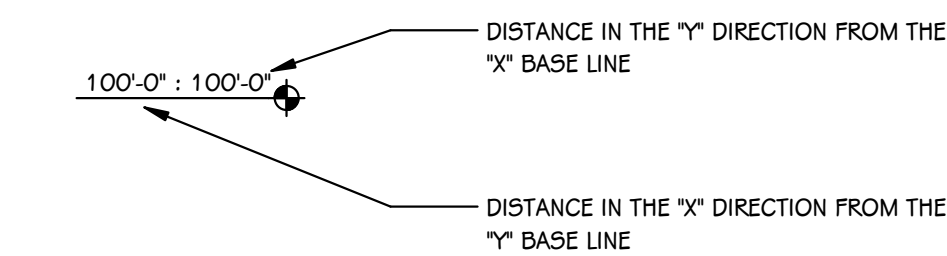


ELEVATION TAG FOR EXTERIOR ELEVATIONS AND BUILDING SECTIONS

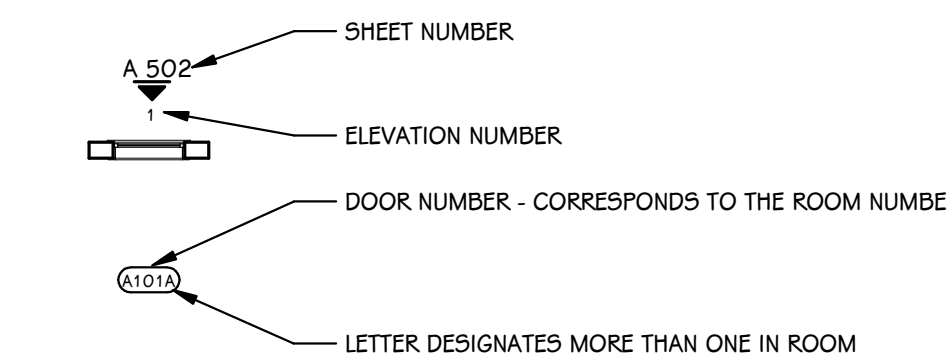


ELEVATION TAG FOR FLOOR PLANS AND REFLECTED CEILING PLANS

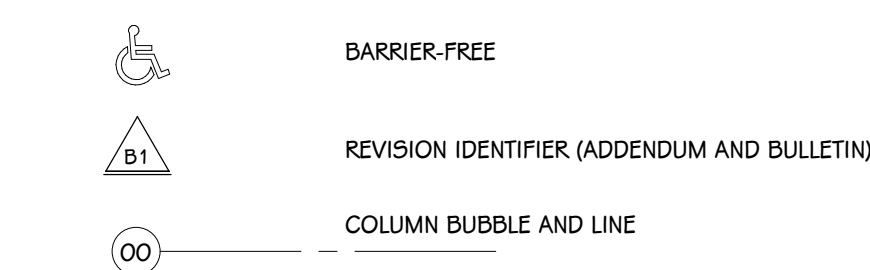
WORKING POINT LAYOUT TAG



BORROWED LIGHT AND DOOR IDENTIFICATION



SYMBOLS



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 (A600 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'-0" 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.

ISSUED FOR _____ DATE _____

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CENTRAL HIGH SCHOOL
AUDITORIUM
IMPROVEMENTS

OWNER
PORTAGE PUBLIC
SCHOOLS

Portage, Michigan

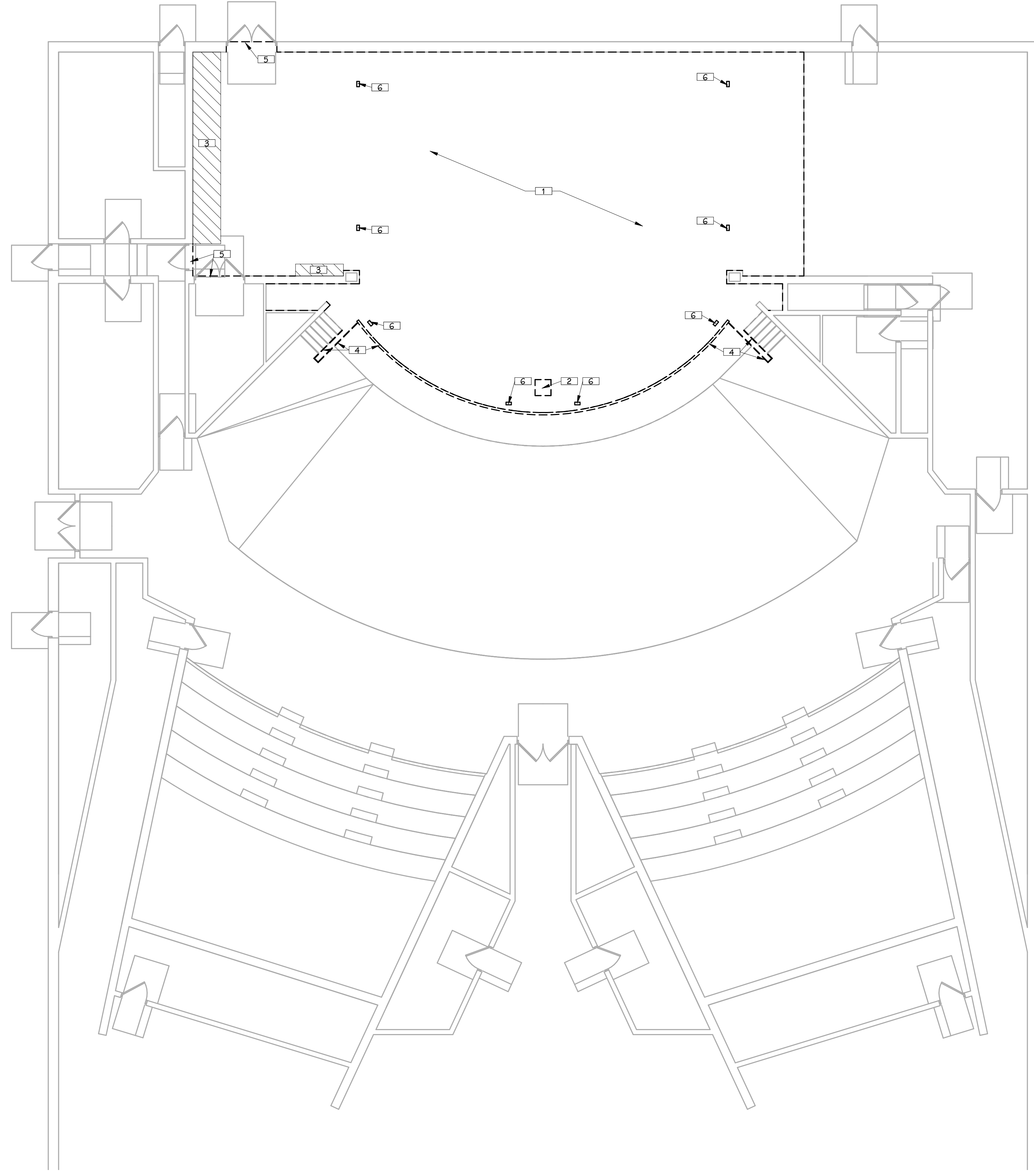
SHEET TITLE
TYPICAL SYMBOLS & GENERAL NOTES

DATE
MARCH 25, 2022

SHEET NUMBER
G 002
22-103.00

KEYED NOTES - DEMOLITION

- 1 REMOVE EXISTING WOOD FLOOR SYSTEM DOWN TO CONCRETE. CLEAN AND PREP CONCRETE AS NECESSARY 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 REMOVEABLE PANEL.
- 3 AREA OF FLOOR INACCESSIBLE FOR DEMO TO REMAIN. CUT OUT OLD FLOORING UP TO 1" FROM OBSTRUCTION, NEW FLOORING TO BE FLUSH AGAINST FLOORING TO REMAIN. VERIFY ACTUAL LOCATION AND DIMENSIONS IN FIELD.
- 4 REMOVE AND SALVAGE EXISTING NOSING AND TRIM. SAFELY STORE FOR REINSTALLATION.
- 5 REMOVE AND DISPOSE OF THRESHOLD.
- 6 REMOVE AND DISPOSE OF EXISTING FLOOR BOX. COORDINATE LOCATIONS TO REMAIN WITH OWNER.



 **FIRST FLOOR DEMOLITION PLAN**
1/8" = 1'-0"

ISSUED FOR _____ DATE _____

PROJECT TITLE
CENTRAL HIGH SCHOOL
AUDITORIUM
IMPROVEMENTS

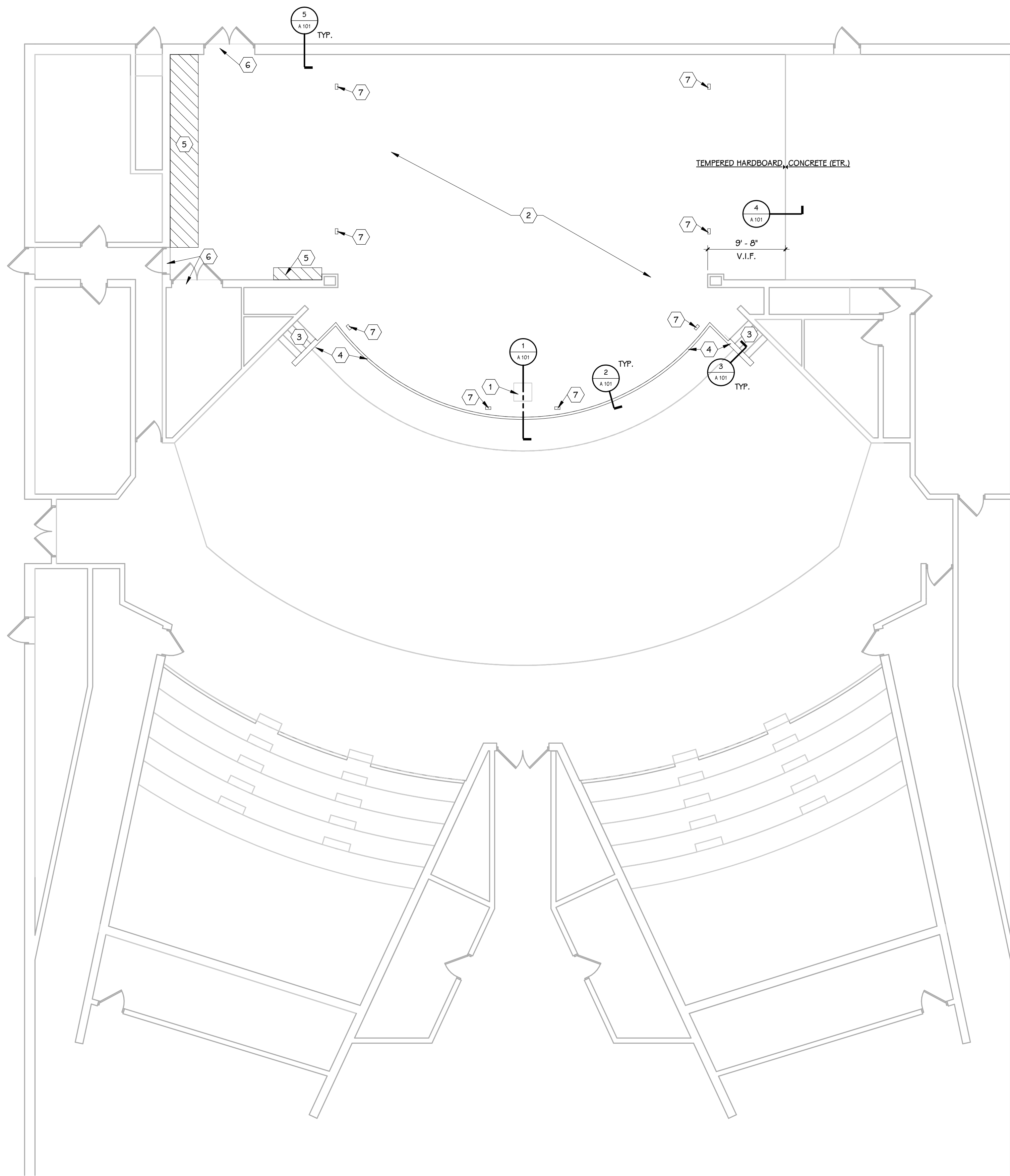
OWNER
PORTAGE PUBLIC
SCHOOLS

Portage, Michigan

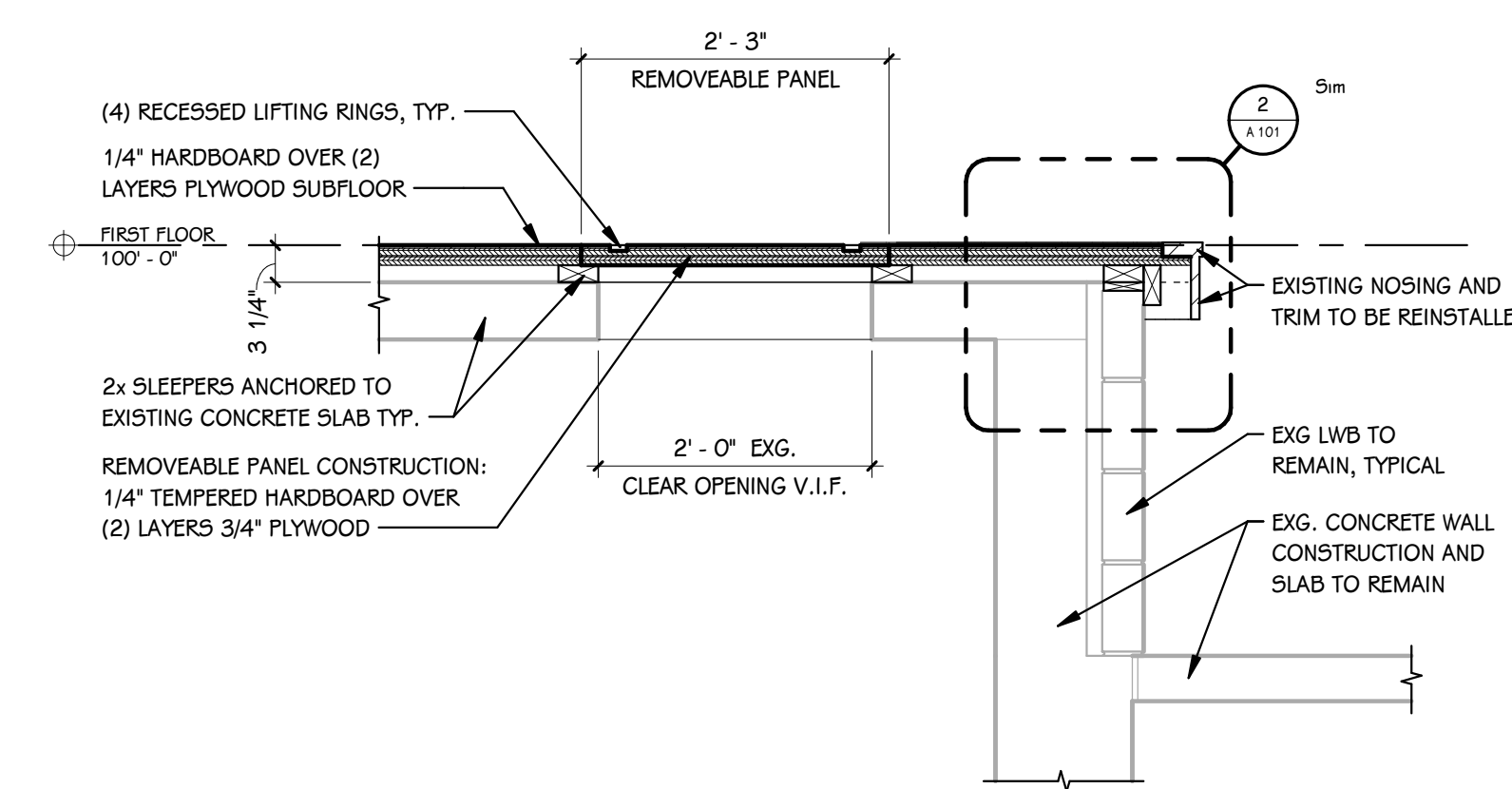
SHEET TITLE
FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER
AD 101
22-103.00

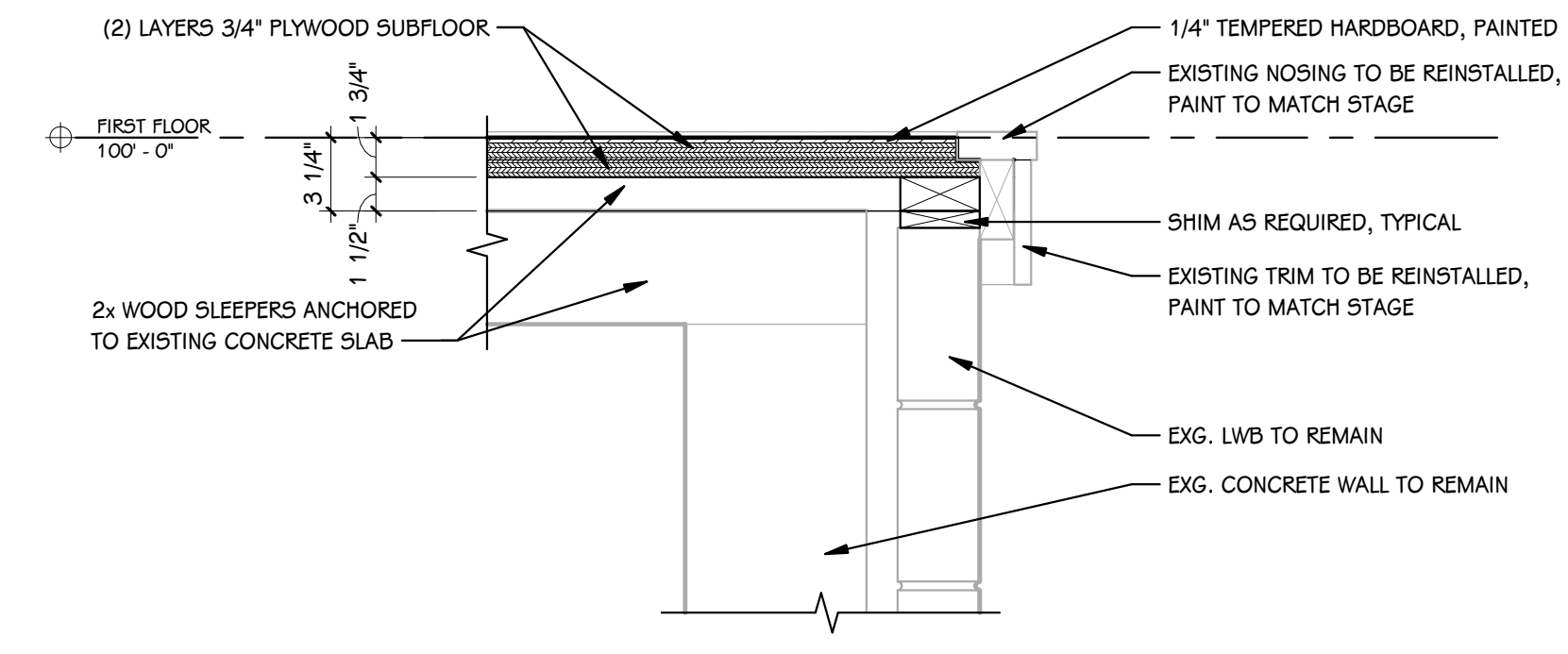
DATE
MARCH 25, 2022



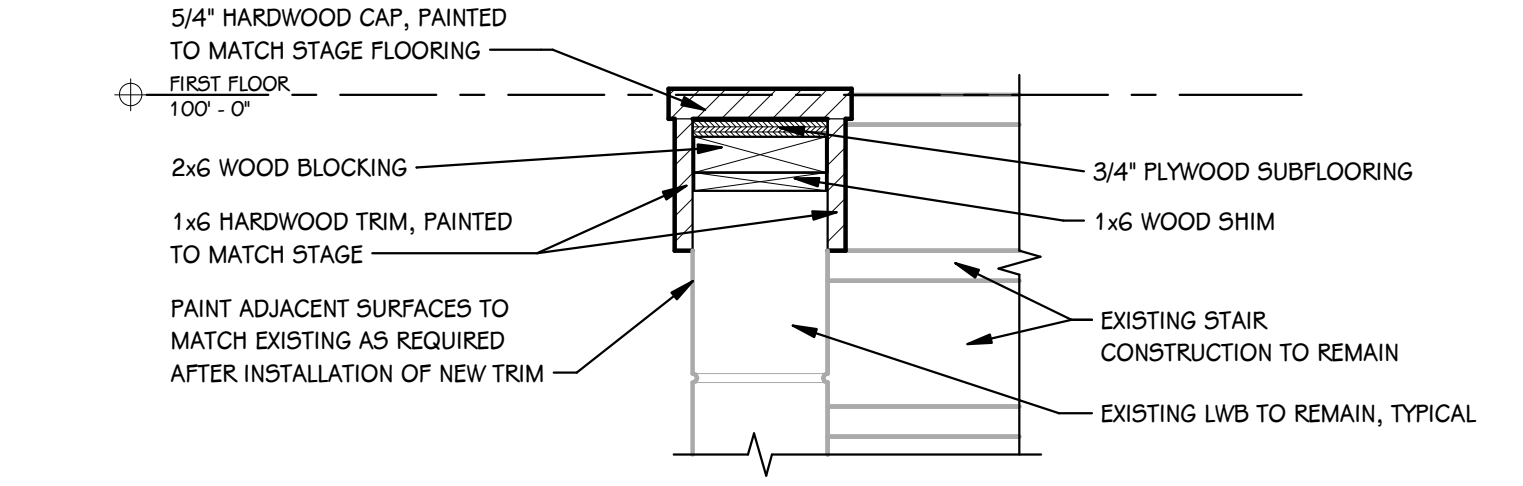
FIRST FLOOR PLAN
1/8" = 1'-0"



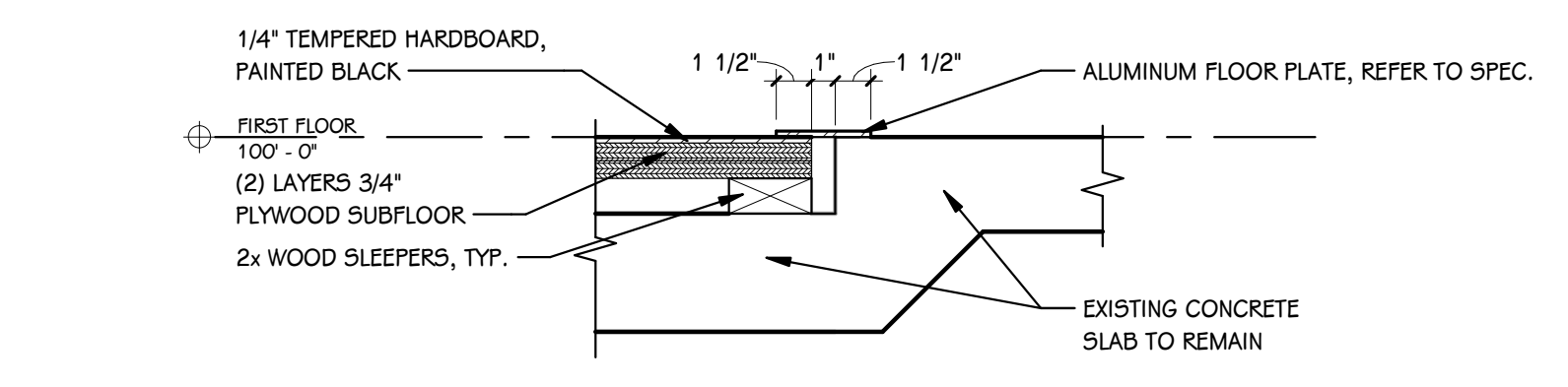
1 REMOVABLE PANEL SECTION
A 101 3/4" = 1'-0"



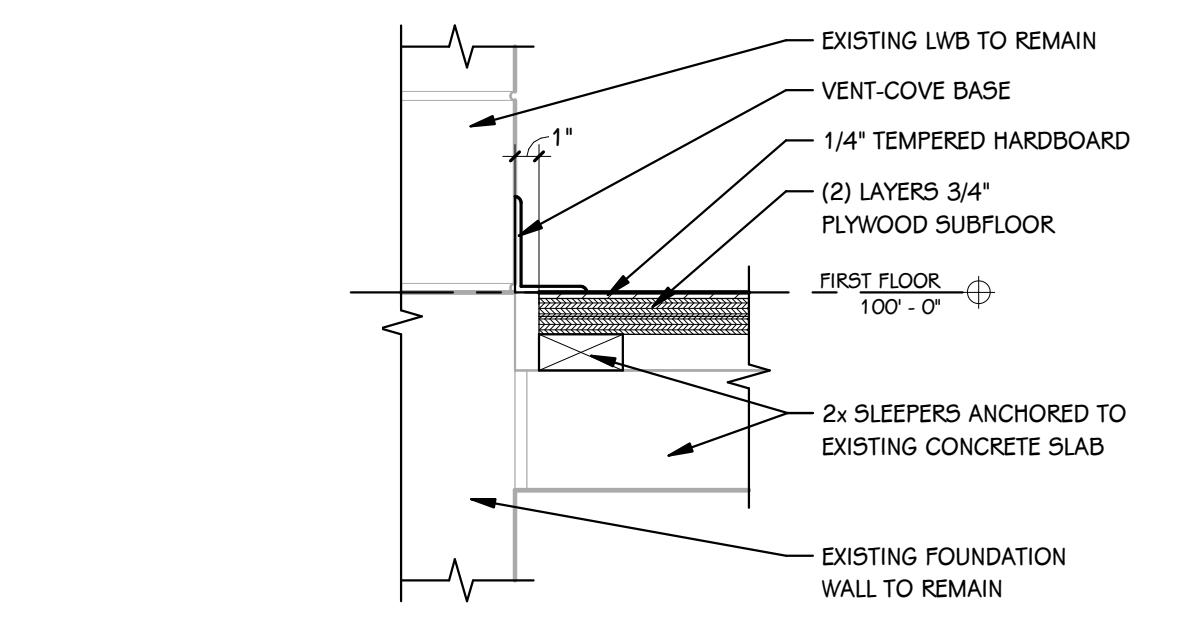
2 TYPICAL STAGE NOSING DETAIL
A 101 1 1/2" = 1'-0"



3 TYPICAL STAGE NOSING DETAIL AT STAIR WALL
A 101 1 1/2" = 1'-0"



4 TYPICAL FLOOR TRANSITION DETAIL
A 101 1 1/2" = 1'-0"



5 TYPICAL WOOD FLOOR AT WALL
A 101 1 1/2" = 1'-0"

GENERAL NOTES

1. ALL DIMENSIONS ARE TO BE VERIFIED IN FIELD PRIOR TO FABRICATION.
2. ARCHITECT IS TO BE NOTIFIED OF ANY OBSTRUCTIONS, NOT NOTED IN DRAWINGS, WHICH WOULD PREVENT DEMO AND/OR INSTALLATION OF NEW STAGE FLOORING.
3. DEPTH OF EXISTING WOOD FLOORING TO BE VERIFIED IN FIELD PRIOR TO INSTALLATION.

KEYED NOTES - NEW CONSTRUCTION

1. REMOVABLE PANEL, REFER TO DETAIL.
2. 1/4" TEMPERED HARDBOARD ON (2) LAYERS 3/4" PLYWOOD SUBFLOOR ON 2x SLEEPERS ANCHORED TO EXISTING CONCRETE SLAB.
3. EXISTING STAIR CONSTRUCTION TO REMAIN.
4. REINSTALL EXISTING NOSING AND TRIM, PAINT TO MATCH STAGE.
5. AREA OF EXISTING WOOD FLOORING SYSTEM TO REMAIN DUE TO OBSTRUCTION. VERIFY ACTUAL DIMENSIONS IN FIELD.
6. PROVIDE NEW THRESHOLD, REFER TO SPEC.
7. RECESSED FLOOR OULET/AV CONNECTION AT EXISTING LOCATION. VERIFY WITH OWNER WHICH LOCATIONS ARE TO REMAIN. V.I.F. LOCATIONS OF ALL EXISTING JUNCTION BOXES. REFER TO SPEC.

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PROJECT TITLE
CENTRAL HIGH SCHOOL
AUDITORIUM
IMPROVEMENTS

OWNER
PORTAGE PUBLIC
SCHOOLS

Portage, Michigan

SHEET TITLE
FIRST FLOOR PLAN

SHEET NUMBER
A 101

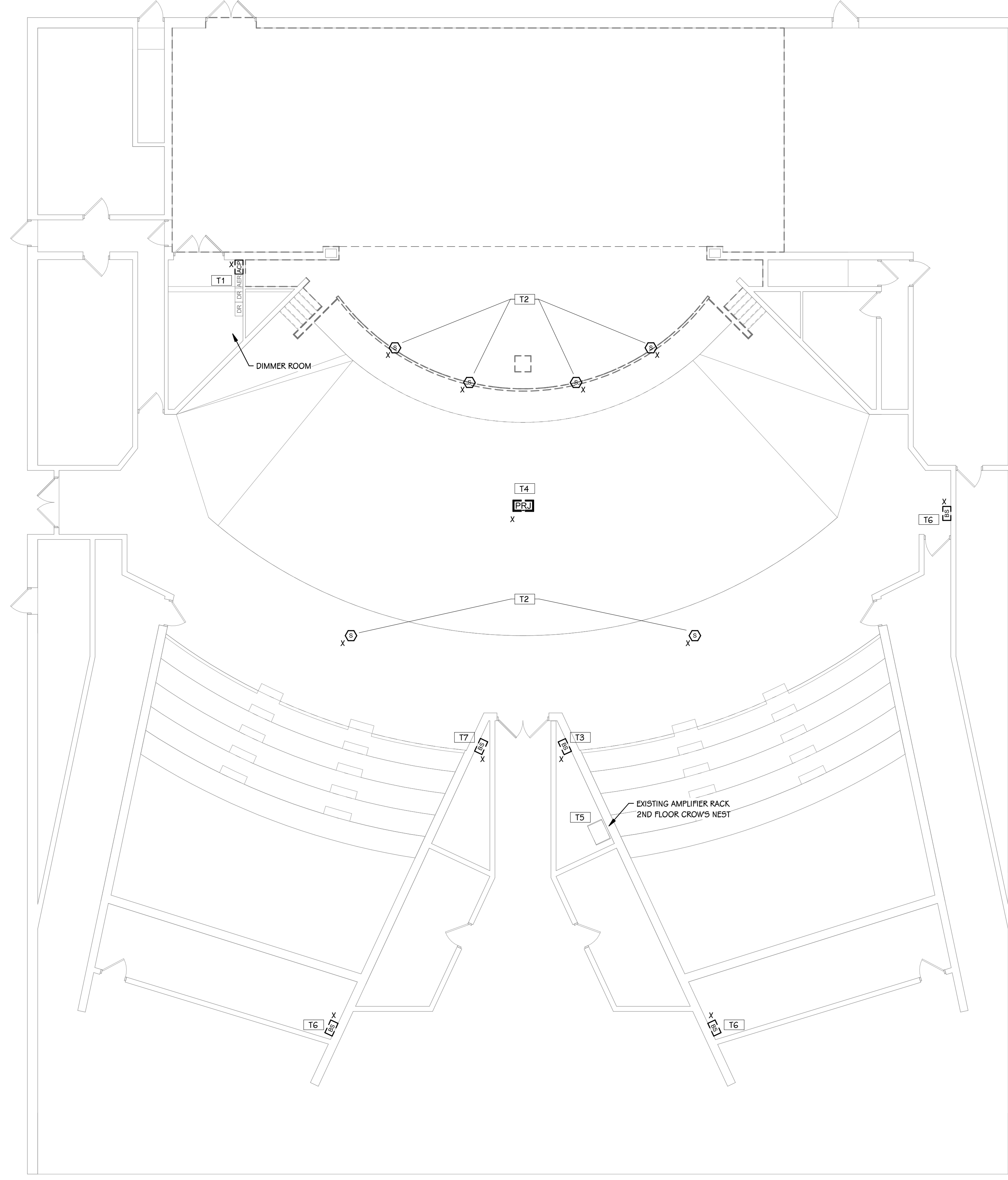
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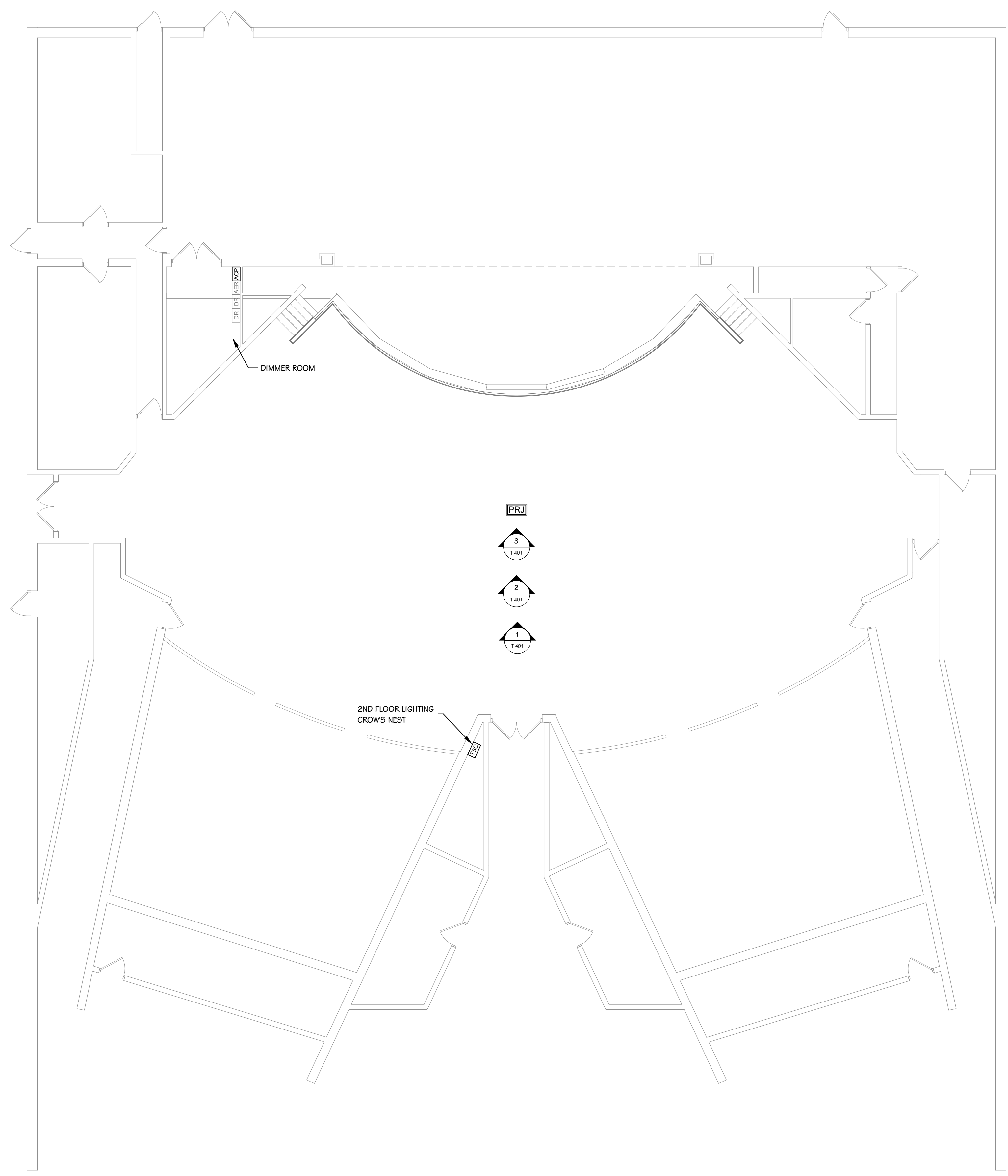
<p>PROJECTOR, (REFER TO DETAILS)</p> <p>EXISTING ETC DIMMER RACK, (REFER TO DETAILS)</p> <p>EXISTING AUXILIARY LIGHTING EQUIPMENT RACK, (REFER TO DETAILS)</p> <p>ARCHITECTURAL CONTROL PROCESSOR, (REFER TO DETAILS)</p> <p>TOUCHSCREEN LIGHTING CONTROL, (REFER TO DETAILS)</p> <p>LIGHTING BUTTON STATION, (REFER TO DETAILS)</p> <p>EXISTING EQUIPMENT RACK, (REFER TO DETAILS)</p> <p>LOUDSPEAKER CEILING - MOUNTED, (REFER TO DETAILS)</p>	<p>AUDIO/VISUAL/LIGHTING SYMBOLS</p>	<p>GENERAL TECHNOLOGY NOTES</p> <ol style="list-style-type: none"> 1 TECHNOLOGY CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR NEW WORK OR WHERE DEVICES ARE REMOVED AND NOT REPLACED. 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. 3 REFER TO TECHNOLOGY, ELECTRICAL AND ARCHITECTURAL DETAILS AND ELEVATIONS FOR SYMBOL INFORMATION AND ELEVATION DETAIL. 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. 5 DEVICES SHOWN WITH AN "R" ARE EXISTING TO BE REPLACED WITH NEW DEVICE AND COVERPLATE. 6 TEMPORARILY SUPPORT EXISTING CEILING DEVICES TO REMAIN IN EXISTING CEILINGS TO BE REPLACED. REINSTALL DEVICES INTO NEW CEILING. 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. 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 BY CONTRACTOR. 9 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.
	<p>AUDIO SYSTEM NOTES</p> <ol style="list-style-type: none"> 1 AUDIO SYSTEM SHALL BE FREE OF NOISE, RATTLE, HUM, BUZZ, OR ANY OTHER AUDIO DISTORTIONS 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 AND WILL NOT INTRODUCE CROSS-TALK 4 PROVIDE A SERVICE LOOP FOR RACKS AND EQUIPMENT SUITABLE TO EASILY PLUG AND UNPLUG EQUIPMENT FOR TROUBLESHOOTING OR REPLACEMENT 5 NEATLY DRESS ALL CABLING INSTALLED INSIDE AND OUTSIDE OF RACKS IN A SUITABLE HARNESS TO KEEP CABLES CLEAN, NEAT, AND TIDY 6 COMMISSION AUDIO SYSTEM USING AUDIO MEASUREMENT MICROPHONE AND SOFTWARE (SMAART OR EASERA) 7 ADJUST EQ AND CROSSOVER SETTINGS IN AMPLIFIER AND/OR DSP TO PROVIDE FLAT FREQUENCY RESPONSE, FULL RANGE AUDIO WITH PROTECTIVE LIMITING 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) 10 TURN OVER EXISTING UNUSED EQUIPMENT TO OWNER - NEATLY ORGANIZED 11 COORDINATE WITH OWNER FOR LABELING OF EQUIPMENT AND AUDIO CONSOLE CHANNELS AND BUSES AS WELL AS CONSOLE CONFIGURATION 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 	<p>AUDIO SYSTEM NOTES</p>
	<p>VIDEO SYSTEM NOTES</p> <ol style="list-style-type: none"> 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 3 HDCP SHALL BE MAINTAINED FROM ALL SOURCES TO ALL SINKS 4 COORDINATE ALL NETWORK NEEDS WITH OWNER INCLUDING IP ADDRESSING, PROTOCOLS REQUIRED FOR EQUIPMENT OPERATION, AND BANDWIDTH IMPLICATIONS 	<p>VIDEO SYSTEM NOTES</p>
	<p>THEATRICAL LIGHTING NOTES</p> <ol style="list-style-type: none"> 1 DMX WIRE MUST BE INSTALLED AS A DAISY-CHAIN UNLESS SHOWN OTHERWISE 2 TOTAL LENGTH OF A DMX CABLE RUN SHALL NOT EXCEED 1000 FEET AND SHALL NOT INCLUDE MORE THAN 32 DEVICES 3 A DMX TERMINATOR MUST BE INSTALLED AT THE END OF EACH RUN 4 NETWORK WIRING RUNS SHALL NOT EXCEED 295 FEET 5 SECURE CABLES USING VELCRO STRAPS. WIRE 'ZIP-TIES' SHALL NOT BE USED. 6 PROVIDE A SERVICE LOOP FOR RACKS AND EQUIPMENT SUITABLE TO EASILY PLUG AND UNPLUG EQUIPMENT FOR TROUBLESHOOTING OR REPLACEMENT 7 NEATLY DRESS ALL CABLING INSTALLED INSIDE AND OUTSIDE OF RACKS IN A SUITABLE HARNESS TO KEEP CABLES CLEAN, NEAT, AND TIDY 8 PROVIDE ALL NETWORK EQUIPMENT REQUIRED FOR AN OPERABLE SYSTEM 9 VERIFY SEAMLESS CONTROL OF ALL THEATRICAL AND ARCHITECTURAL LIGHTING FROM ALL CONTROL STATIONS 10 COORDINATE WITH OWNER FOR LABELING OF EQUIPMENT, PROGRAMMING OF LIGHTING CONSOLE, AND PROGRAMMING OF BUTTON STATION AND TOUCH SCREEN PRESETS 	<p>THEATRICAL LIGHTING NOTES</p>

<p>ISSUED FOR</p>	<p>DATE</p>
<p>PROJECT TITLE CENTRAL HIGH SCHOOL AUDITORIUM IMPROVEMENTS</p>	<p>OWNER PORTAGE PUBLIC SCHOOLS</p> <p>Portage, Michigan</p>
<p>SHEET NUMBER T 001</p>	<p>DATE MARCH 25, 2022</p>



AUDITORIUM TECHNOLOGY DEMOLITION PLAN
 1/8" = 1'-0"

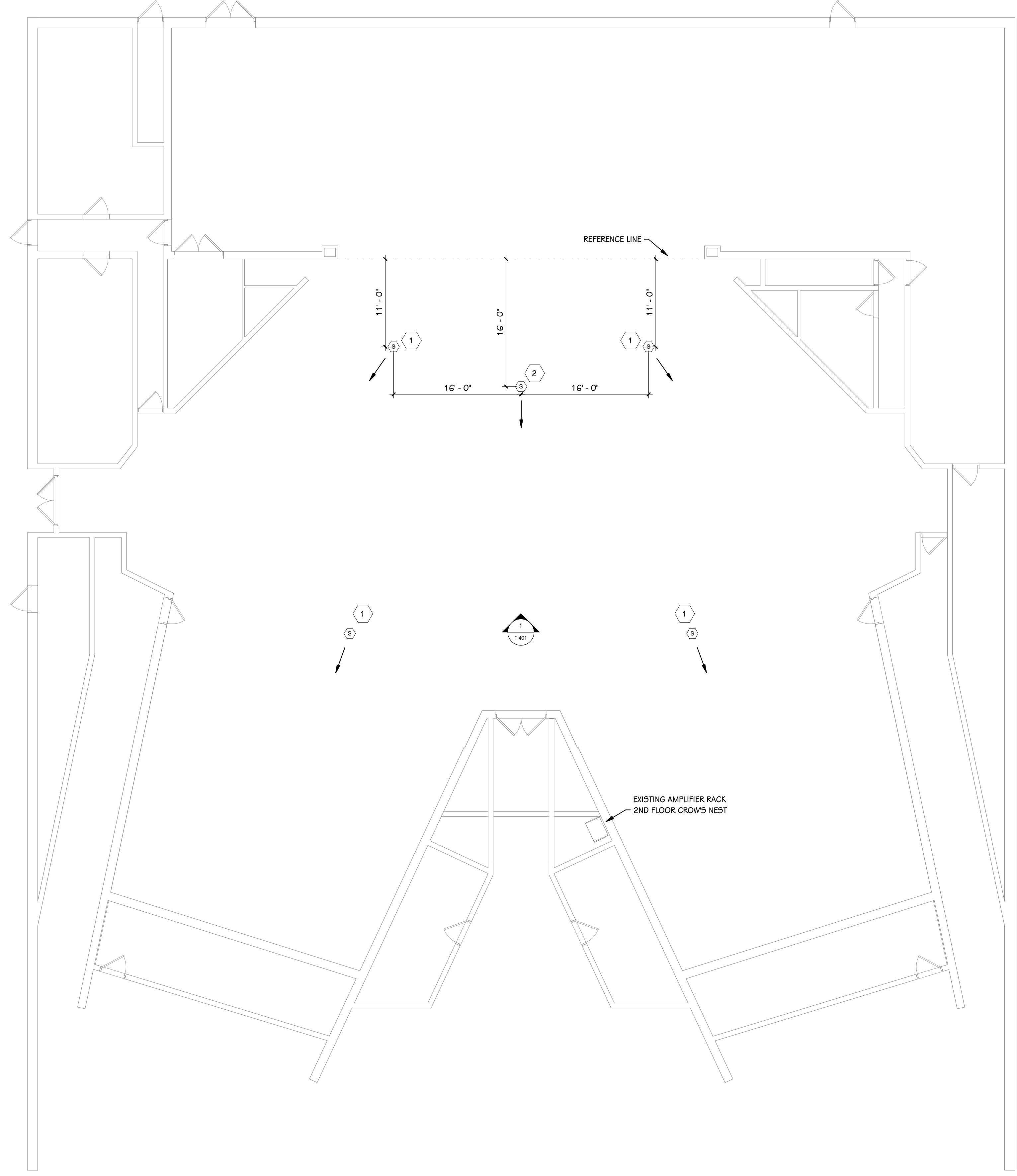
TECHNOLOGY DEMOLITION KEYED NOTES	
T1	REMOVE EXISTING ARCHITECTURAL CONTROL PROCESSOR AND SPECIFIC EQUIPMENT FROM DIMMER RACKS AND AUXILIARY EQUIPMENT RACK TO BE REPLACED AS PART OF CONTROL SYSTEM AND POWER PACKAGE UPGRADE.
T2	DISCONNECT AND REMOVE SPEAKERS AND RIGGING THAT WILL NOT BE REUSED. COIL ANY 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	BUTTON STATION - 7 FADER, 10 BUTTON, IN THIRD FLOOR CROW'S NEST. REMOVE AND TURN OVER TO OWNER. INSTALL 4-GANG STAINLESS STEEL BLANK COVER PLATE.
T4	REMOVE CEILING-POLE-MOUNTED PROJECTOR. RETAIN MOUNT AND CABLING FOR REUSE WITH NEW PROJECTOR.
T5	REMOVE EXISTING SYMETRIX DSP AND MAIN SPEAKER AMPLIFIERS FROM AMPLIFIER RACK. TURN OVER TO OWNER. REUSE EXISTING CABLING WITH NEW AMPLIFIER.
T6	BUTTON STATIONS AT TOP OF TIERED SEATING - REMOVE WALL ENCLOSURE AND BUTTON STATION AND TURN OVER TO OWNER. CABLING TO REMAIN. INSTALL STAINLESS STEEL BLANK COVER PLATE.
T7	BUTTON STATION - 7 FADER, 10 BUTTON, IN SECOND FLOOR CROW'S NEST. REMOVE BUTTON STATION AND CABLING. TURN OVER BUTTON STATION TO OWNER. DISPOSE OF CABLING OFF-SITE. REUSE 4-GANG DEVICE BOX WITH INSTALLATION OF TOUCH SCREEN.



 **AUDITORIUM MAIN LEVEL TECHNOLOGY PLAN**
1/8" = 1'-0"

- 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.

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<p>SHEET TITLE AUDITORIUM MAIN LEVEL TECHNOLOGY PLAN</p>	<p>PROJECT TITLE CENTRAL HIGH SCHOOL AUDITORIUM IMPROVEMENTS</p>
<p>OWNER PORTAGE PUBLIC SCHOOLS</p>	<p>ISSUED FOR DATE</p>
<p>DATE MARCH 25, 2022</p>	<p>Portage, Michigan</p>
<p>SHEET NUMBER T-101 22-103.00</p>	



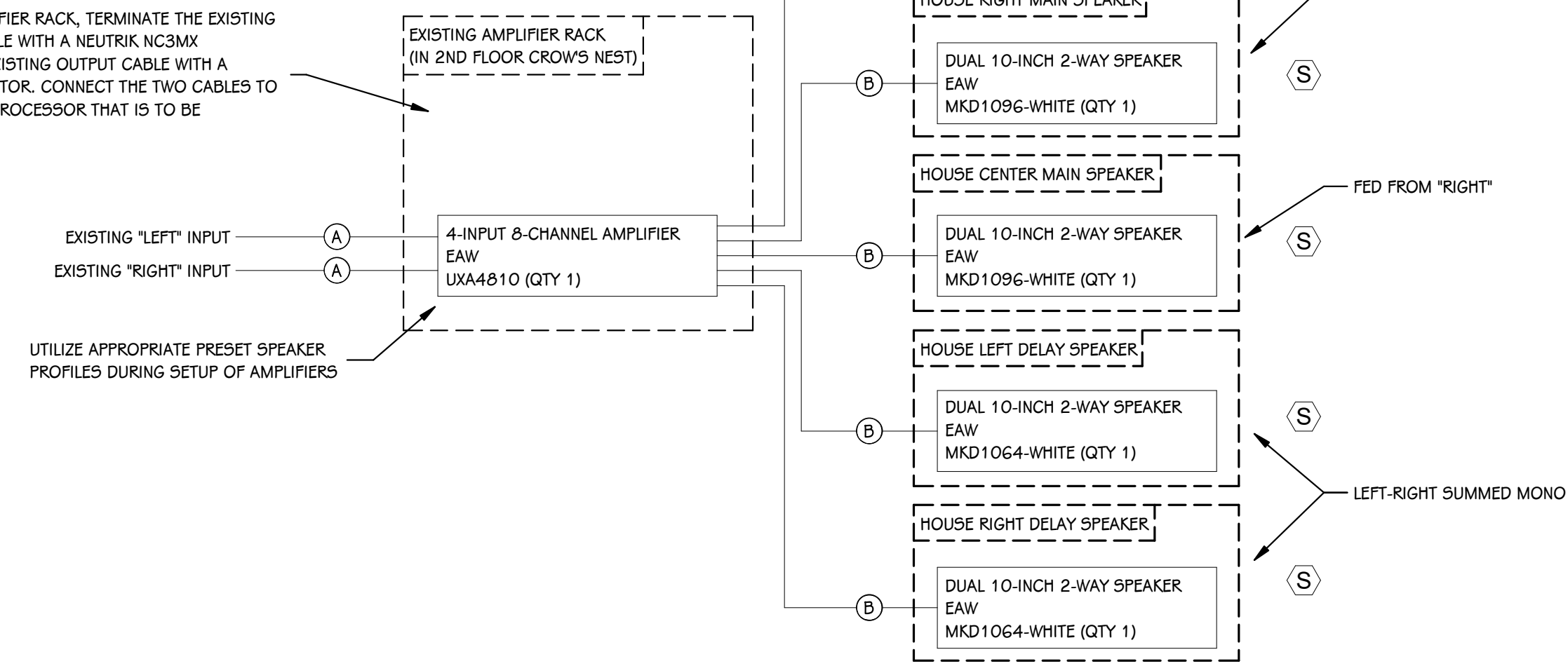
AUDITORIUM TECHNOLOGY CEILING PLAN
 1/8" = 1'-0"

- 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.

SHEET TITLE AUDITORIUM TECHNOLOGY CEILING PLAN	OWNER PORTAGE PUBLIC SCHOOLS	PROJECT TITLE CENTRAL HIGH SCHOOL AUDITORIUM IMPROVEMENTS	ISSUED FOR _____
	DATE MARCH 25, 2022	OWNER Portage, Michigan	DATE _____
SHEET NUMBER T 151	SHEET NUMBER 22-103.00	TowerPinkster Architecture · Engineering · Interiors	© 2022 ALL RIGHTS RESERVED 4 East Fulton Street, Suite 200 Portage, Michigan 49782 Phone: 616.456.5808 Fax: 269.343.6133 towerpinkster.com

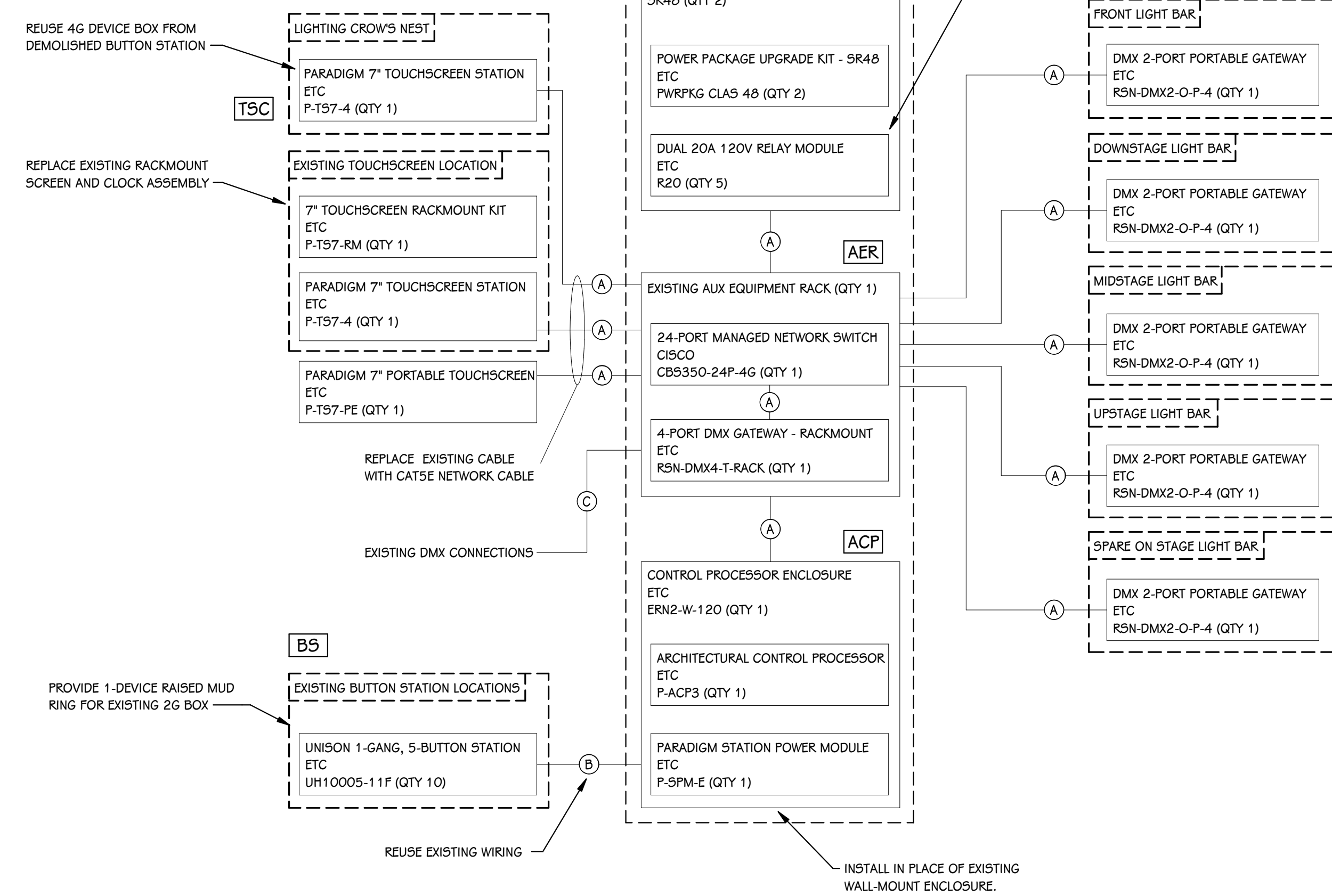
CABLE TYPE	MANUFACTURER / MODEL
(A) EXISTING MICLINE CABLE	--
(B) EXISTING 12 AWG SPEAKER CABLE	--

NOTE: INSIDE THE AMPLIFIER RACK, TERMINATE THE EXISTING SUBWOOFER INPUT CABLE WITH A NEUTRIK NC3MX CONNECTOR AND THE EXISTING OUTPUT CABLE WITH A NEUTRIK NC3PX CONNECTOR. CONNECT THE TWO CABLES TO BYPASS THE SYMMETRIX PROCESSOR THAT IS TO BE REMOVED.



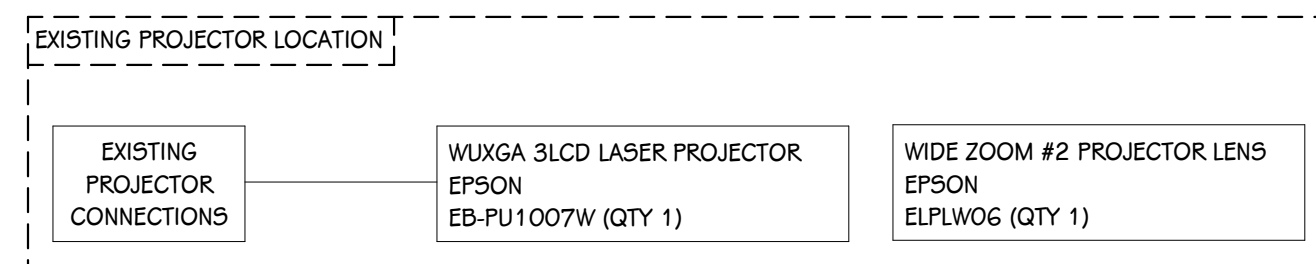
1 AUDITORIUM AUDIO SYSTEM DIAGRAM
SCALE: NONE

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



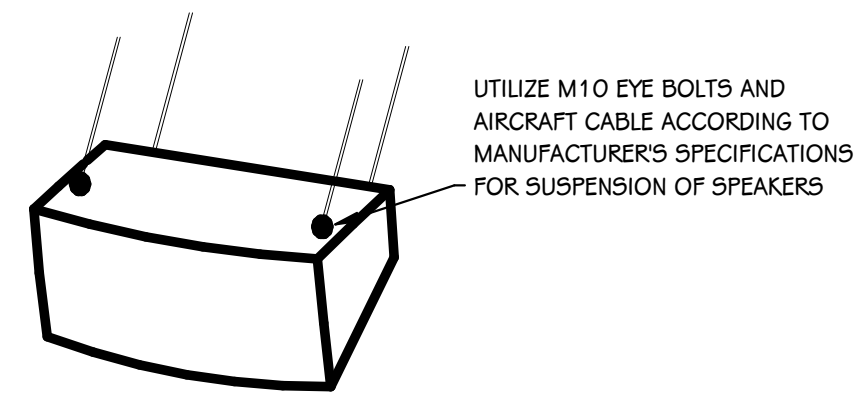
2 AUDITORIUM LIGHTING SYSTEM DIAGRAM
SCALE: NONE

DELIVER LIGHT FIXTURES AND CABLES TO OWNER	
LED PAR WASH LIGHT CHAUVET COLORADO 1-QUAD ZOOM (QTY 30)	5-PIN 10' DMX CABLE CHAUVET PRO DMX5P10FT (QTY 30)
10' POWERCON EXTENSION CABLE CHAUVET IPPOWERCONEXT10FT (QTY 30)	5-PIN 25' DMX CABLE CHAUVET PRO DMX5P25FT (QTY 15)
25' POWERCON EXTENSION CABLE CHAUVET IPPOWERCONEXT25FT (QTY 15)	5-PIN 50' DMX CABLE PRO CO DMX5-50 (QTY 4)
BLACK C-CLAMP ETC 400CC (QTY 35)	BLACK SAFETY CABLE ETC 400SC (QTY 35)
10' NETWORK CONTROL CABLE ETC 10' NET CABLE (QTY 5)	

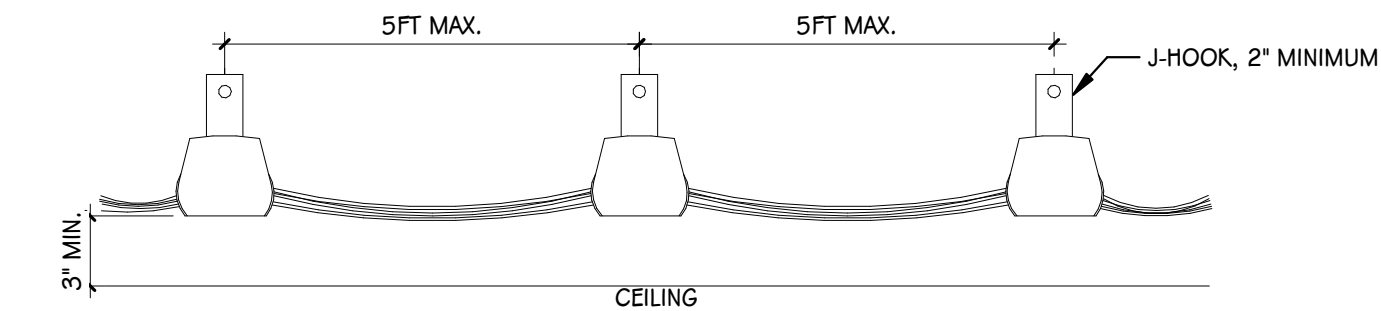


3 PROJECTOR DETAIL
SCALE: NONE

MOUNT SPEAKERS HORIZONTALLY IN LOCATIONS SHOWN ON T 151
ADJUST VERTICAL TILT AND HORIZONTAL ROTATION TO OPTIMIZE COVERAGE OF SEATING AREA



SPEAKER MOUNTING DETAIL
SCALE: NONE



CABLE SUPPORT DETAIL
SCALE: NONE