

BRIGHAM YOUNG UNIVERSITY

REMODEL AUDITORIUMS 151 & 251 PHYSICAL FACILITIES

N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2

ABBREVIATIONS

&	And	FIN.	Finish
L	Angle	FLR.	Floor
@	At Centerline	FLUOR.	Fluorescent
∅	Diameter or Round	FURN.	Furnish, Furnished
·	Square Feet	GA.	Guage
⊥	Perpendicular	GYP.	Gypsum
#	Pound, Number	HDWD.	Hardwood
(E)	Existing	HDWR.	Hardware
ACC.	Air Conditioning	HORIZ.	Horizontal
ACOUS.	Acoustical	HT.	Height
ADD.	Addendum	HVAC	Heating Ventilating & A/C
ADDL.	Additional	INSUL.	Insulation
A.F.F.	Above Finished Floor	L	Length
ALUM.	Aluminum	MATL.	Material
ALT.	Alternate	MAX.	Maximum
APPROX.	Approximate	MECH.	Mechanical
ARCH.	Architect(ural)	MANUF.	Manufacturer
AVG.	Average	MIR.	Mirror
BD.	Board	MISC.	Miscellaneous
BET.	Between	MTL.	Metal
BF.	Board Feet	N.I.C.	Not In Contract
BITUM.	Bituminous	NO.	Number
BLDG.	Building	N.T.S.	Not To Scale
BLKG.	Blocking	O.C.	On Center(s)
CAB.	Cabinet	OPNG	Opening
CHAM.	Chamfer	OPP.	Opposite
CL.	Centerline	O.T.S.	Open To Structure
CLG.	Ceiling	P.LAM.	Plastic Laminate
CLR.	Clear(ance)	PLBG.	Plumbing
CMU	Concrete Masonry Unit	PLYWD.	Plywood
COL.	Column	PREFAB.	Prefabricate
CONC.	Concrete	PREFIN.	Prefinished
CONSTR.	Construction	P.S.F.	Pounds per Square Foot
CONT.	Continuous	P.S.I.	Pounds per Square Inch
CONTR.	Contractor	QTY.	Quantity
DBL.	Double	RAD.	Radius
DEMO.	Demolish, Demolition	REQD.	Required
DIA.	Diameter	RESIL.	Resilient
DIM.	Dimension	SPECS.	Specifications
DN.	Down	SQ.	Square
DR.	Door	S.S.	Stainless Steel
DET.	Detail	STD.	Standard
DWG.	Drawing	STL.	Steel
EA	Each	TYP.	Typical
ELEC.	Electric(al)	T.O.	Top of
ELEV.	Elevation	VAT.	Vinyl Asbestos Tile
EQ.	Equal	VCT.	Vinyl Composition Tile
EQUIP.	Equipment	VERT.	Vertical
EST.	Estimate	W/O	Without
EXIST.	Existing	SCHED.	Schedule
		SIM.	Similar

NOTE: SEE OTHER CONSULTANT DRAWINGS FOR ADDITIONAL ABBREVIATION INFORMATION

APPROVALS

Ole M. Smith, Assistant Administrative Vice Pres. -- Physical Facilities
Richard Nelson, Managing Director -- Physical Facilities Planning Department

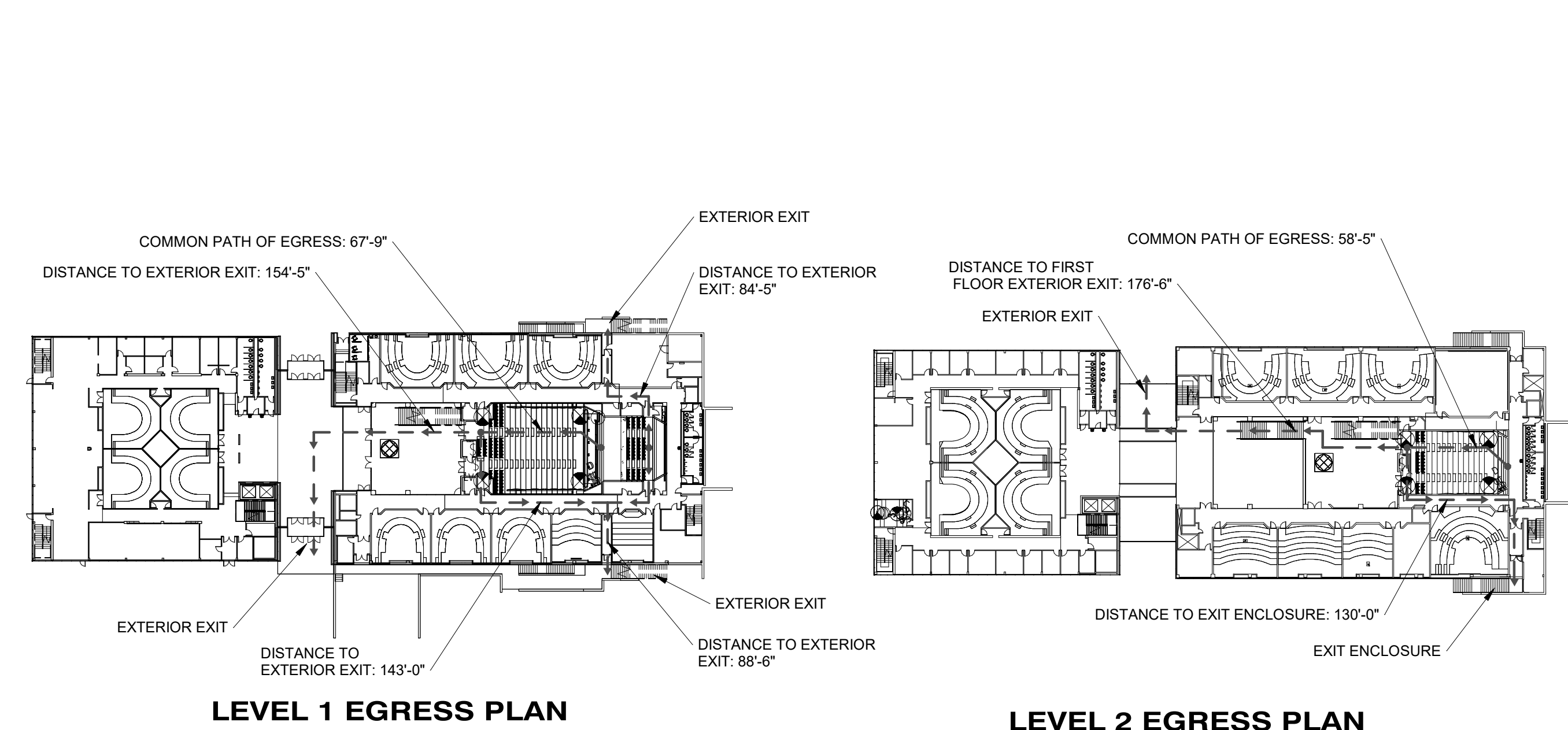
SYMBOLS LEGEND

M3728 G001	COVER SHEET	M3728 P1.1	2nd & 3rd LEVEL PLUMBING DEMOLITION PLANS
M3728 AD101	LEVEL 1 DEMOLITION PLAN	M3728 P1.2	2nd & 3rd LEVEL ALTERNATE 1 PLUMBING PLANS
M3728 AD102	LEVEL 2 DEMOLITION PLAN		
M3728 AD151	LEVEL 1 DEMOLITION REFLECTED CEILING PLAN	M3728 E1.1	LEVEL 1 DEMOLITION LIGHTING PLAN
M3728 AD152	LEVEL 2 DEMOLITION REFLECTED CEILING PLAN	M3728 E1.2	LEVEL 2 DEMOLITION LIGHTING PLAN
M3728 A101	LEVEL 1 FLOOR PLAN	M3728 E2.1	LEVEL 1 LIGHTING PLAN
M3728 A102	LEVEL 2 FLOOR PLAN	M3728 E2.2	LEVEL 2 LIGHTING PLAN
M3728 A151	LEVEL 2 REFLECTED CEILING PLAN	M3728 E3.1	LEVELS 1 & 2 POWER PLANS
M3728 A152	LEVEL 2 REFLECTED CEILING PLAN	M3728 E4.1	ELECTRICAL SCHEDULES, SYMBOLS & DETAILS
M3728 A251	INTERIOR FINISH ELEVATIONS & FINISH SCHEDULE	M3728 E4.2	ELECTRICAL SCHEDULES
M3728 A351	AUDITORIUMS - SECTION VIEWS	M3728 OIT-1	LEVEL 1 DEMOLITION PLAN
M3728 A551	CEILING & FLOOR DETAILS	M3728 OIT-2	LEVEL 2 DEMOLITION PLAN
M3728 M1.1	DEMOLITION PLAN AND DETAILS	M3728 OIT-3	LEVEL 1 DEMOLITION REFLECTED CEILING PLAN
M3728 M1.2	NEW MECHANICAL PLAN AND SCHEDULE	M3728 OIT-4	LEVEL 2 DEMOLITION REFLECTED CEILING PLAN
M3728 M1.3	DEMOLITION & NEW MECHANICAL PLANS AND SCHEDULES	M3728 OIT-5	LEVEL 1 FLOOR PLAN
M3728 M2.1	NEW 1st & 2nd LEVEL FIRE SPRINKLER PLANS	M3728 OIT-6	LEVEL 2 FLOOR PLAN
		M3728 OIT-7	LEVEL 1 REFLECTED CEILING PLAN
		M3728 OIT-8	LEVEL 2 REFLECTED CEILING PLAN

DRAWING INDEX

Sheet Number	Sheet Name	Sheet Number	Sheet Name
M3728 G001	COVER SHEET	M3728 P1.1	2nd & 3rd LEVEL PLUMBING DEMOLITION PLANS
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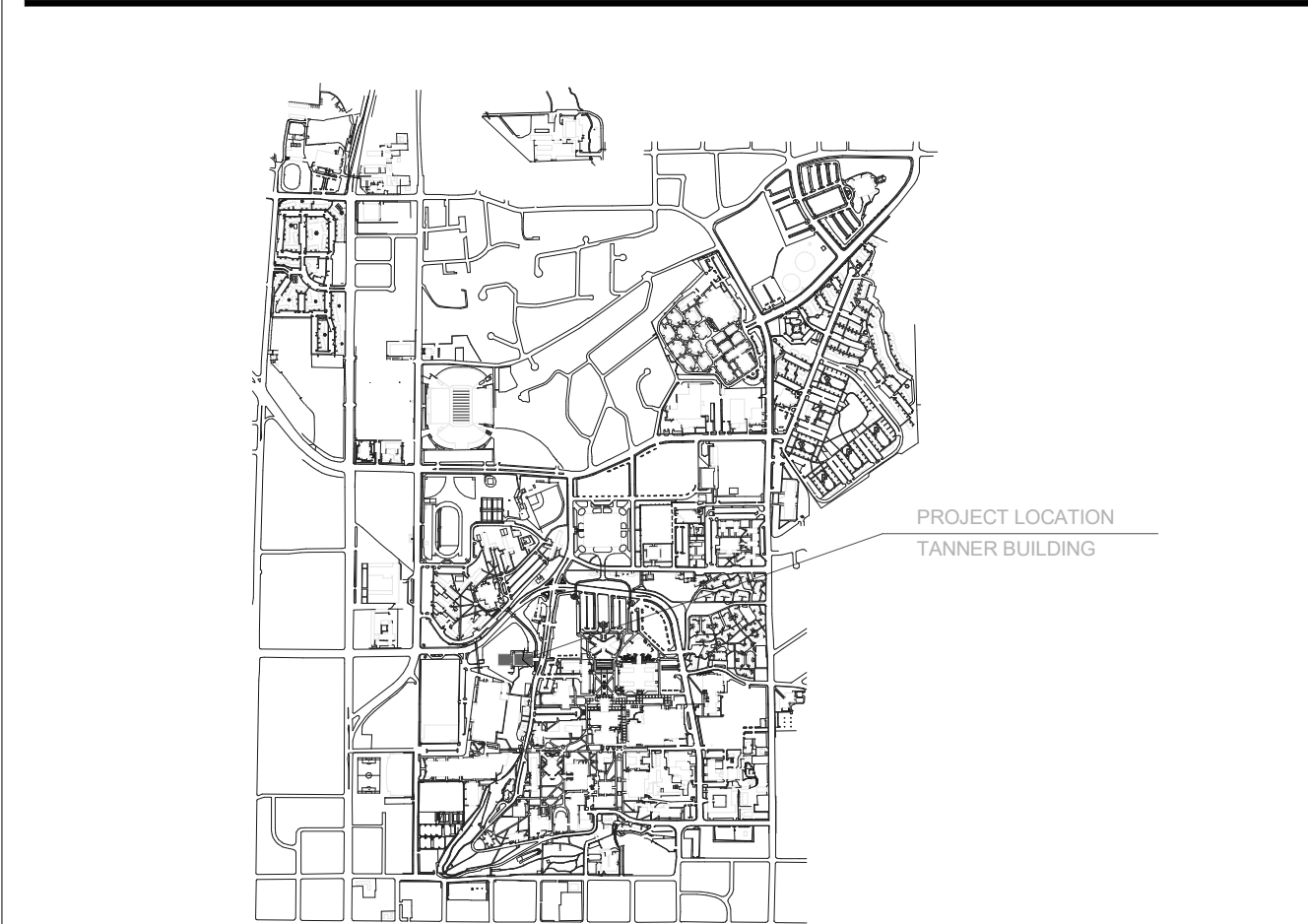
EGRESS PLAN



NOT-IN-CONTRACT (NIC) COORDINATION LIST

Not-in-Contract (NIC) Coordination List	Furnished by BYU	Installed by BYU / BYU Vendor	Installed by General Contractor	Furnished by General Contractor
General				
Podiums, Equipment Cabinets, with mounting hardware, etc. (power and rough electrical in Contract)	x	x		
Auxiliary Source Reinforcement with mounting hardware, etc. (power and rough electrical in Contract)	x	x		
Projectors (power and rough electrical for controls in Contract)	x	x		
Projection Screens (power and rough electrical for controls in Contract)	x	x	x	
Projection Screen Boxes, ceiling-recessed	x	x	x	x
Flat Panel Displays and Digital Signage with mounting hardware (backing, power and rough electrical in Contract)	x	x		
CCTV Cameras with mounting hardware (power and rough electrical in Contract)	x	x		
Smart Boards and Interactive Marker Boards with mounting hardware (power and rough electrical in Contract)	x	x		
Building Directories (power, data, and rough electrical in Contract)	x	x		
All AV systems (power and rough electrical in Contract)	x	x		
All Data Pathways, Termination Boxes, Cabling, Terminations to Wall Plates and Patch Panels, Warranty			x	x
All Data Racks			x	x
All Cable Tray			x	x
Cable Pass Systems complete, Terminations, Wall Racks, Cable Hangers, Wall Plugs, Insulated bags (1¢ per cable pass generation)	x	x		
Wireless Access Points (Power and Data in Contract)	x	x		
Interiors				
Movable Furniture and Seating	x	x		
Fixed Seating in Auditorium and Meeting Rooms	x	x		
Carpet and Carpet Base, LV, Rubber Base	x	x		
Systems				
Mechanical Controls Hardware (both system and terminal units) by Atkinson or Johnson Controls	x	x	x	x
Mechanical Controls Rackwork			x	x
Mechanical Controls Programming (Software - both system and terminal units) by Atkinson or Johnson Controls	x	x		
Project Specific				
Moving Existing Equipment	x			
Revision Date: 2-23-22				

PROJECT LOCATION PLAN



GENERAL NOTES

CODE COMPLIANCE

THIS PROJECT SHALL BE COMPLETED ACCORDING TO THE LATEST EDITION OF THE FOLLOWING STANDARDS & AMENDMENTS TO THOSE STANDARDS AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION:

- 2021 IBC (International Building Code)
- 2021 IEBC (International Existing Building Code)
- 2021 IFC (International Fire Code)
- 2020 NEC (National Electrical Code)
- 2021 IECC (International Energy Conservation Code)
- 2021 IFGC (International Fuel Gas Code)
- NEMA (National Electrical Manufacturer's Assoc.)
- 2021 IMC (International Mechanical Code)
- 2021 IPC (International Plumbing Code)
- 1997 Uniform Code for Building Conservation
- NFPA (National Fire Protection Association)
- UL (Underwriters Laboratories, Inc.)
- State & Local Building Authority & Codes

OCCUPANCY CLASS.:	Section 305	Exist. Group: B	New Group: B
USE:		Assembly	
CONSTRUCTION TYPE:	Section 601	Exist. Type: IIB	New Type: IIB
IEBC ALTERATION LEVEL		2	
OCCUPANT LOAD (Work Area):			
ROOM 151			
(1) occupant per fixed seat		Exist. Load: 344	New Load: 342
(1) occupant per 150 sqft.		Exist. Load: 7	New Load: 7
ROOM 251			
(1) occupant per fixed seat		Exist. Load: 186	New Load: 182
(1) occupant per 150 sqft.		Exist. Load: 4	New Load: 4
TOTALS:		Exist. Load: 541	New Load: 535
BUILDING SQFT, LEVEL 1 & 2:		82,910 sqft.	
WORK AREA SQFT.		5200 sqft.	
FIRE PROTECTION:		Fully sprinkled	
Section 903			
EGRESS:		Unchanged	
REQUIRED PLBG. FIXTURES:		Unchanged	

PROJECT DIRECTORY

- BYU Planning PM: Stanton Woods
801-422-5695
stanton_woods@byu.edu
- BYU Building Code Analyst:
Keith Martin
801-422-5571
keith_martin@byu.edu
- Please CC project correspondence to the following:
Tony Burdette anthony_burdette@byu.edu
Bob Coleman robert_coleman@byu.edu



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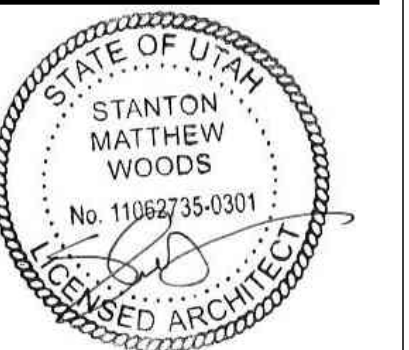
CLIENT APPROVAL DATE

REVISIONS

NO.	DESCRIPTION	DATE

BRIGHAM YOUNG UNIVERSITY

REMODEL AUDITORIUMS 151 & 251
PHYSICAL FACILITIES
N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



COVER SHEET

WORK ORDER & SHEET NO.

**M3728
G001**

REFERENCE NOTES

- 1 CONTRACTOR TO REMOVE & DISPOSE OF EXISTING CARPET
- 2 CONTRACTOR TO REMOVE & DISPOSE OF EXISTING FIXED THEATER SEATING
- 3 SAWCUT & DEMO SECTION OF CONCRETE STEP. STEPS TO BE THE SAME WIDTH AS LOWER STEPS IN AISLE.
SMOOTH/PATCH/GRIND DEMO AREA AS NEEDED TO PROVIDE ACCEPTABLE CARPET SUBSTRATE
- 4 SAWCUT & DEMO SECTION OF CONCRETE FLOOR & STEPS FOR NEW POWER & DATA CONDUITS. SEE ELECTRICAL AND OIT PLANS FOR CONDUIT SIZING, CONNECTIONS, AND TERMINATIONS. FILL IN WITH NEW CONCRETE
- 5 EXISTING PODIUM & TABLE TO BE REMOVED BY OWNER PRIOR TO DEMOLITION
- 6 REMOVE EXISTING ALUMINUM RAILING
- 7 REMOVE EXISTING ACOUSTIC PANEL, PATCH & PAINT WALL
- 8



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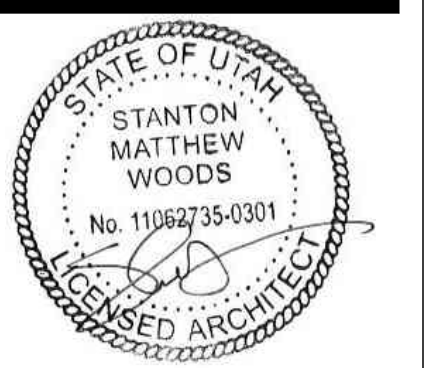
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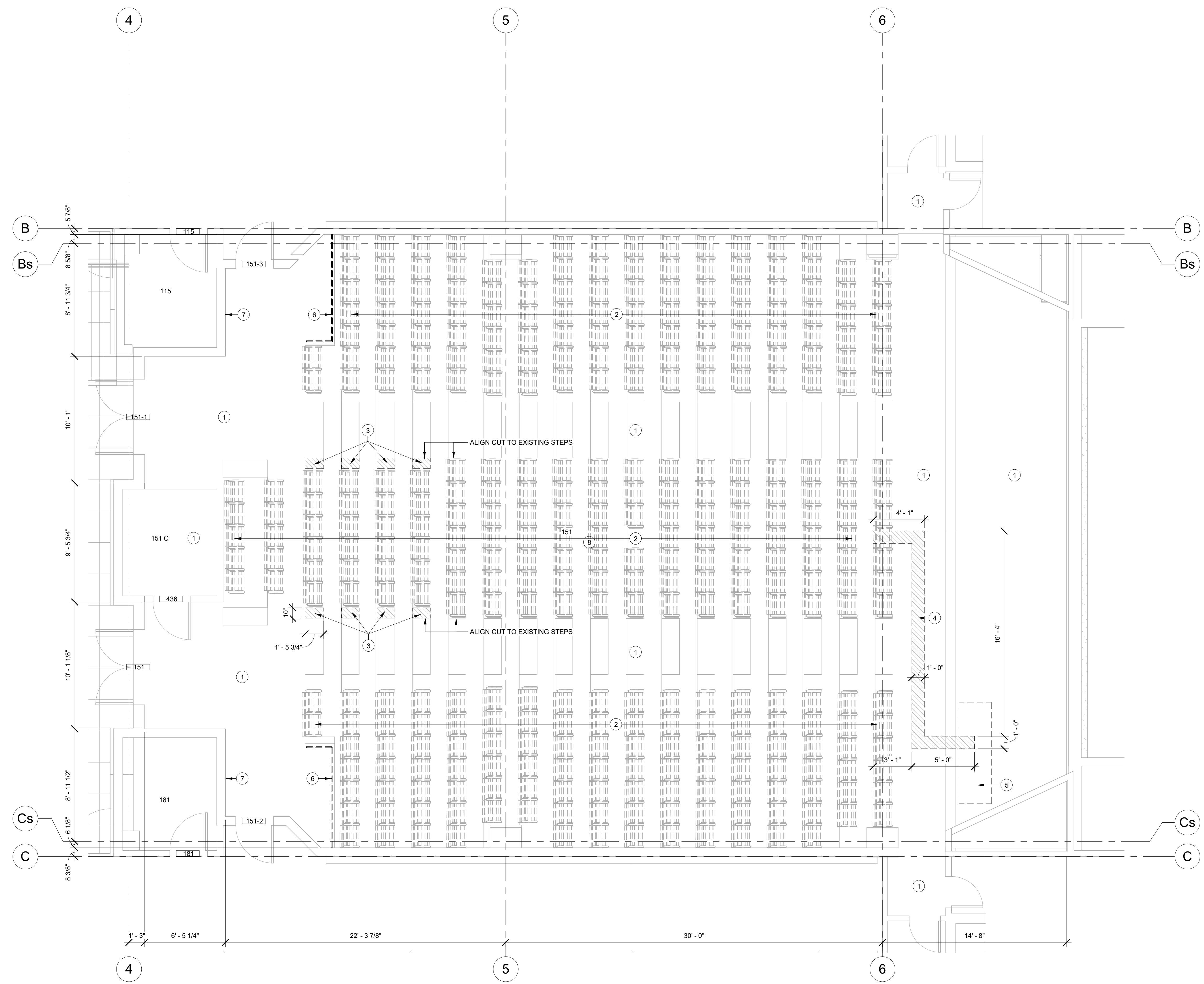
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**LEVEL 1
 DEMOLITION PLAN**

WORK ORDER & SHEET NO.

**M3728
 AD101**



1 DEMOLITION FLOOR PLAN
 1/4" = 1'-0"

REFERENCE NOTES

- 1 CONTRACTOR TO REMOVE & DISPOSE OF EXISTING CARPET
- 2 CONTRACTOR TO REMOVE & DISPOSE OF EXISTING FIXED THEATER SEATING
- 3 SAWCUT & DEMO SECTION OF CONCRETE FLOOR & STEPS FOR NEW POWER & DATA CONDUITS. SEE ELECTRICAL AND OIT PLANS FOR CONDUIT SIZING, CONNECTIONS, AND TERMINATIONS. FILL IN WITH NEW CONCRETE
- 4 EXISTING PODIUM & TABLE TO BE REMOVED BY OWNER PRIOR TO DEMOLITION



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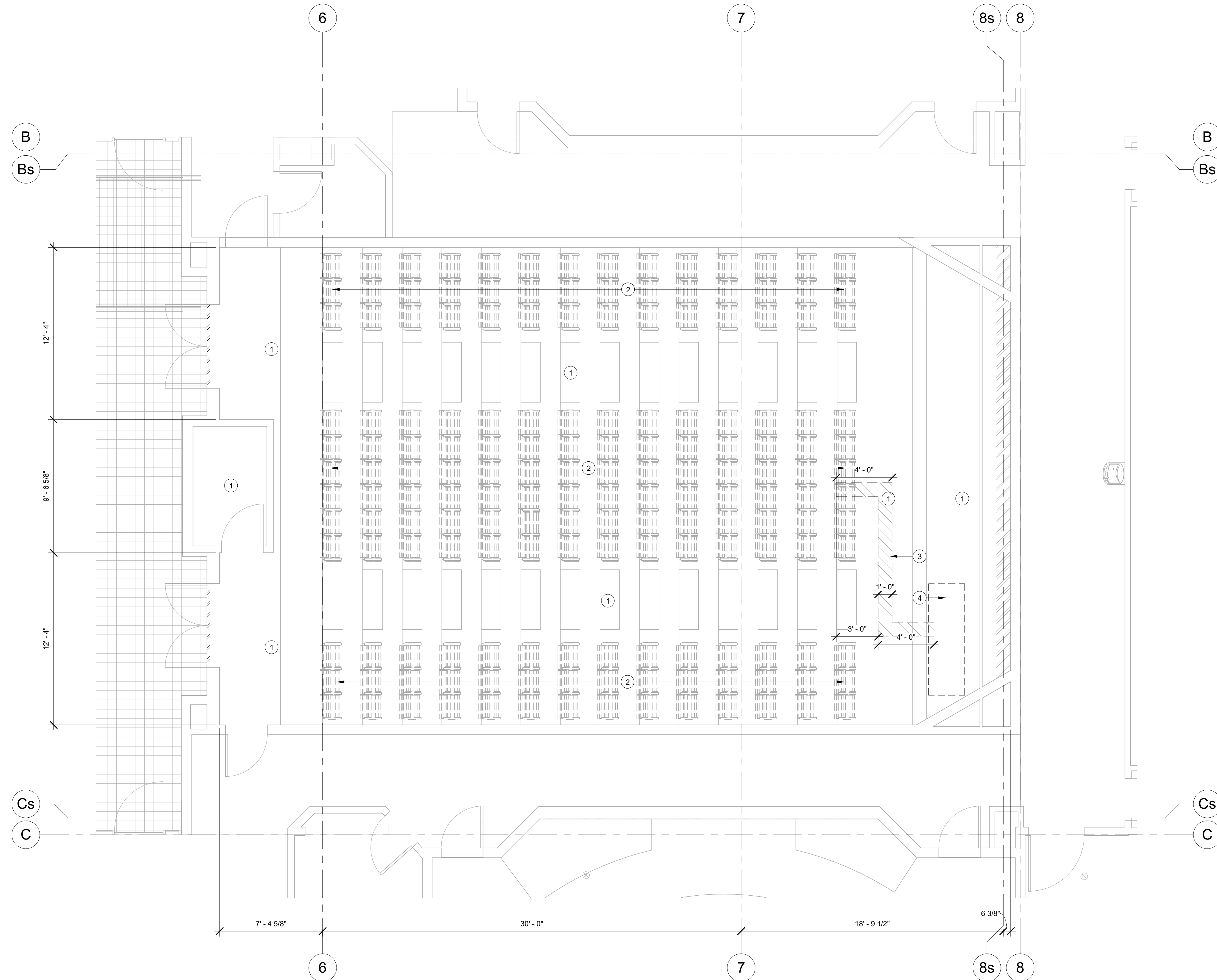
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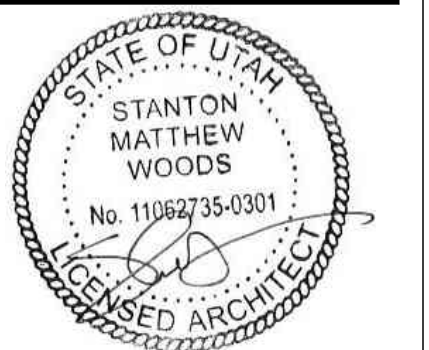
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M3728 LEVEL 2 DEMOLITION FLOOR PLAN
 1/4" = 1'-0"

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 N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



LEVEL 2 DEMOLITION PLAN

WORK ORDER & SHEET NO.

M3728 AD102



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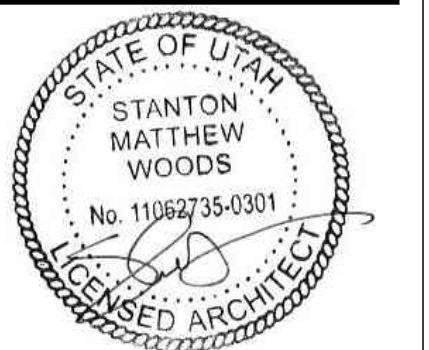
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**LEVEL 1
 DEMOLITION
 REFLECTED
 CEILING PLAN**

WORK ORDER & SHEET NO.

**M3728
 AD151**

REFERENCE NOTES

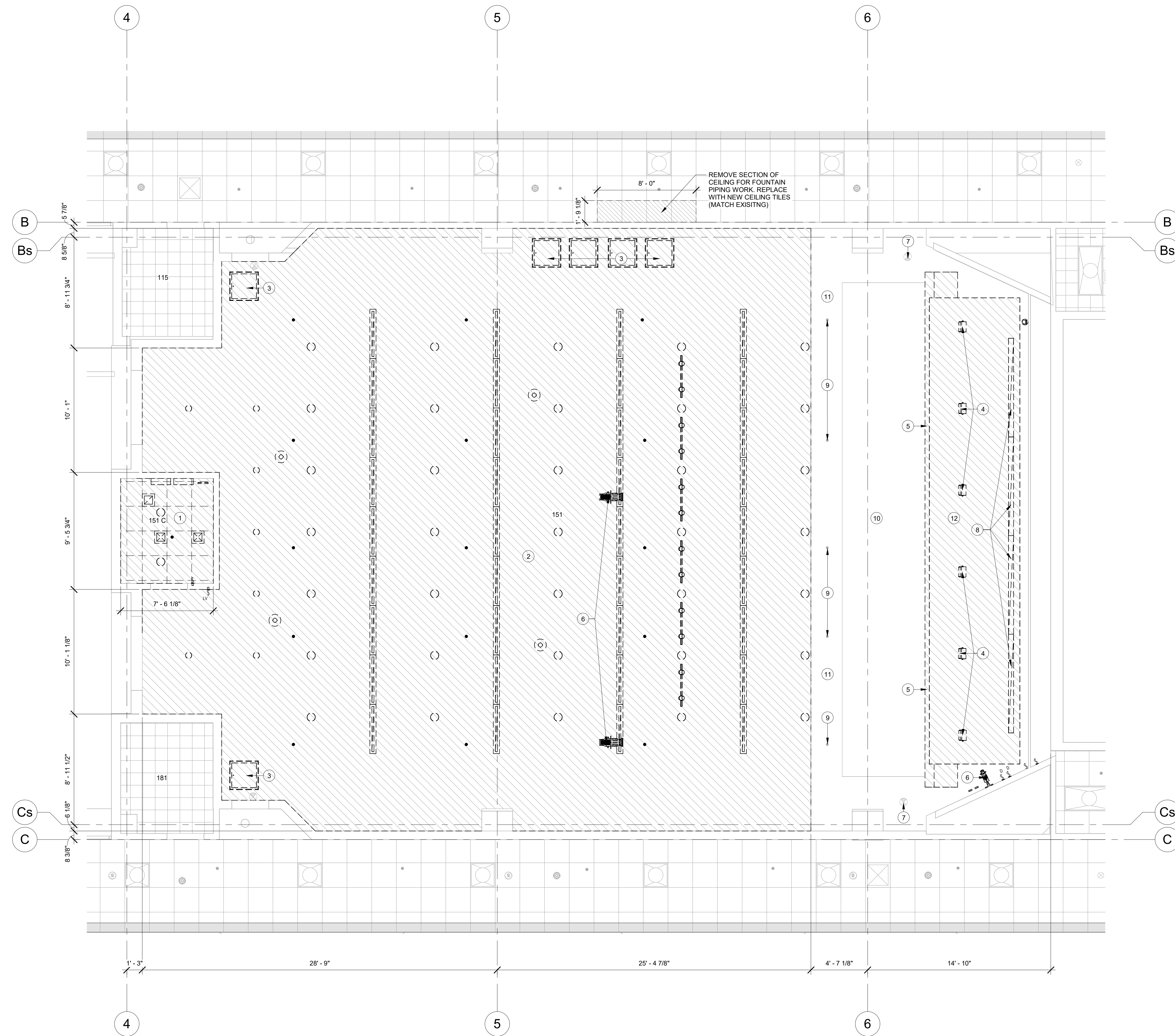
- 1 DEMO EXISTING ACT CEILING, INCLUDING LIGHTING, HVAC GRILLES, FIRE SPRINKLER SYSTEM TO REMAIN AND INSTALL NEW HEADS W/ FLEX CONNECTOR (SEE PLUMBING PLAN)
- 2 DEMO EXISTING GYPSUM BOARD CEILING, INCLUDING LIGHTING, HVAC GRILLES, FIRE SPRINKLER SYSTEM TO REMAIN AND INSTALL NEW HEADS W/ FLEX CONNECTOR (SEE PLUMBING PLAN)
- 3 CEILING ACCESS DOORS TO BE REMOVED
- 4 BYU OIT CREWS TO REMOVE SURFACE MOUNTED SPEAKERS, USING CONTRACTOR PROVIDED SCAFFOLDING
- 5 REMOVE EXISTING SPEAKER ARRAY
- 6 REMOVE EXISTING STAGE LIGHTING, BYU TO SURPLUS
- 7 EXISTING LIGHT FIXTURE TO REMAIN
- 8 REMOVE/DEMO SURFACE MOUNTED LINEAR LIGHT FIXTURE, REFER TO ELECTRICAL DEMO PLANS
- 9 EXISTING FIRE SPRINKLER SYSTEM WITHIN SLOPED CEILING TO REMAIN AS-IS
- 10 EXISTING UPPER GYPSUM BOARD CEILING CLOUD TO REMAIN IN PLACE, PATCH AND REPAIR ANY EXISTING & NEW DAMAGE, PAINT ENTIRE CLOUD, SEE FINISH SCHEDULE FOR PAINT COLOR
- 11 EXISTING SLOPED SECTION OF CEILING TO REMAIN, PATCH AND REPAIR ANY EXISTING & NEW DAMAGE, PAINT ENTIRE CEILING, SEE FINISH SCHEDULE FOR PAINT COLOR
- 12 MODIFY EXISTING GYPSUM BOARD CEILING CLOUD, CUT OUT MIDDLE SECTION FOR NEW OVERHEAD PROJECTOR, PATCH & REPAIR ALL SIDES AND CORNERS, MODIFY EXISTING SUPPORTS TO INSTALL CLOUDS TO HEIGHT SHOWN ON SHEET A351. SLOPE OF CLOUD TO REMAIN THE SAME, PATCH AND REPAIR CLOUD ONCE IN FINAL RAISED POSITION. SEE FINISH SCHEDULE FOR PAINT COLOR

NOTE:
 CONTRACTOR TO PROVIDE & INSTALL SCAFFOLDING AND DANCE FLOOR TYPE WORKING PLATFORM FOR DEMOLITION AND NEW CONSTRUCTION.

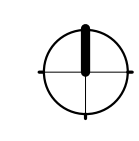
CONTRACTOR TO PROVIDE ACCESS TO BYU OIT INSTALLERS TO REMOVE EXISTING OIT ITEMS SUCH AS SPEAKERS, PROJECTORS, DISPLAYS ETC.

CONTRACTOR TO ALSO PROVIDE ACCESS TO BYU OIT INSTALLERS TO INSTALL NEW OIT SPEAKERS, PROJECTORS, ETC. THIS IS TO HAPPEN BEFORE SCAFFOLDING IS TAKEN DOWN.

DIAGONAL HATCH AREA INDICATES SECTION OF CEILING TO BE REMOVED OR ALTERED



1 DEMOLITION CEILING PLAN
 1/4" = 1'-0"





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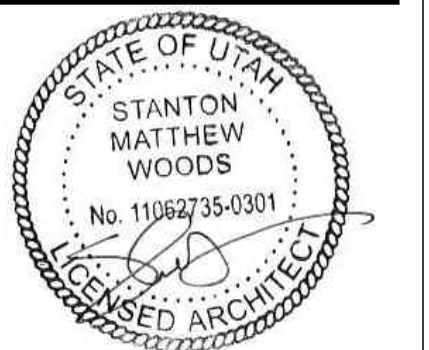
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 N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



**LEVEL 2
 DEMOLITION
 REFLECTED
 CEILING PLAN**

WORK ORDER & SHEET NO.

**M3728
 AD152**

REFERENCE NOTES

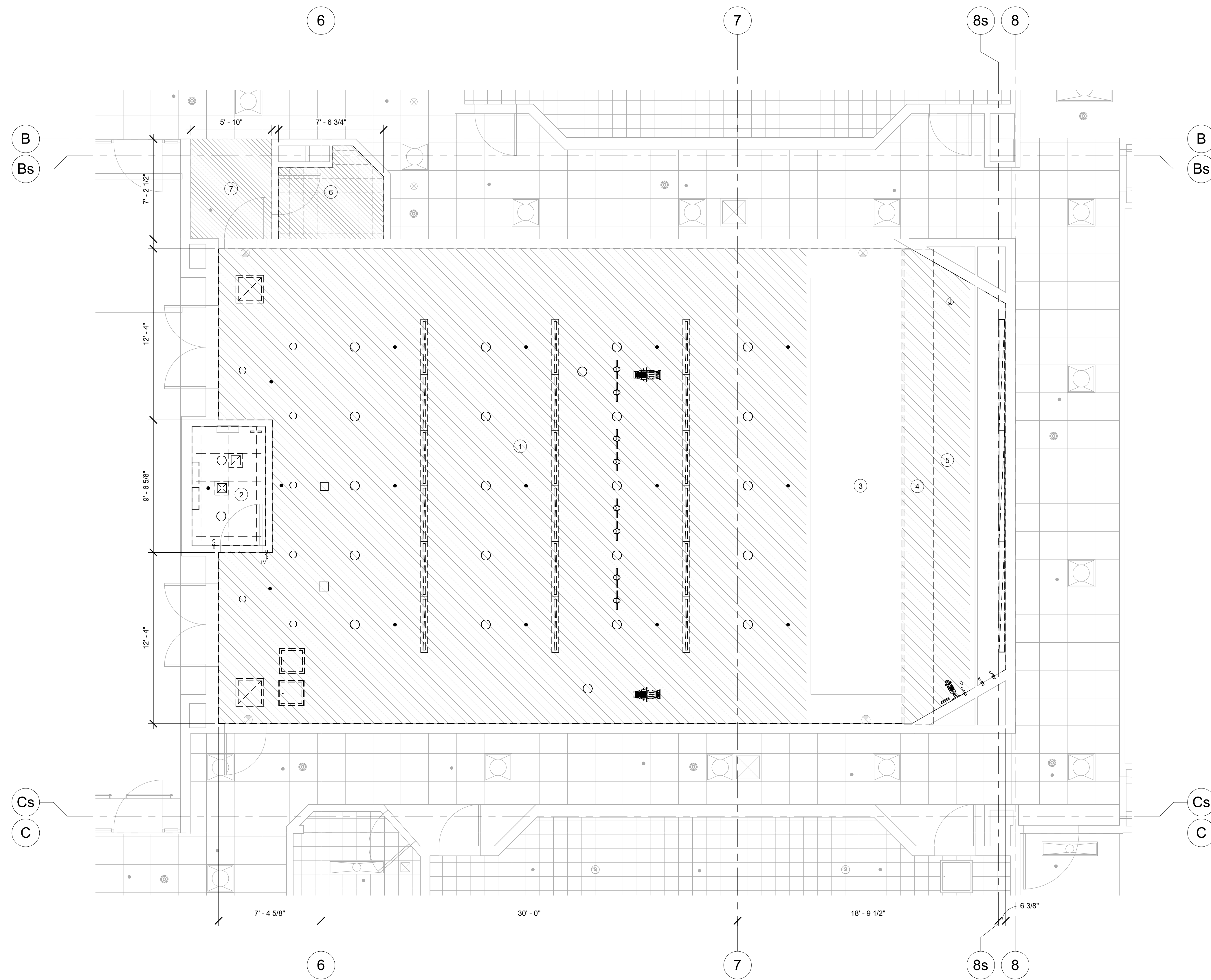
- 1 DEMO EXISTING GYPSUM BOARD CEILING INCLUDING LIGHTING, HVAC GRILLES, FIRE SPRINKLER SYSTEM TO REMAIN AND INSTALL NEW HEADS W/ FLEX CONNECTOR (SEE PLUMBING PLAN)
- 2 DEMO EXISTING ACT CEILING, INCLUDING LIGHTING, HVAC GRILLES, FIRE SPRINKLER SYSTEM TO REMAIN AND INSTALL NEW HEADS W/ FLEX CONNECTOR (SEE PLUMBING PLAN)
- 3 EXISTING UPPER GYPSUM BOARD CEILING CLOUD TO REMAIN IN PLACE. PATCH AND REPAIR ANY EXISTING & NEW DAMAGE. PAINT ENTIRE CLOUD. SEE FINISH SCHEDULE FOR PAINT COLOR
- 4 REMOVE EXISTING SPEAKER ARRAY
- 5 MODIFY EXISTING GYPSUM BOARD CEILING CLOUD. CUT OUT MIDDLE SECTION FOR NEW OVERHEAD PROJECTOR. PATCH & REPAIR ALL SIDES AND CORNERS. MODIFY EXISTING SUPPORTS TO INSTALL CLOUDS TO HEIGHT SHOWN ON SHEET A351. SLOPE OF CLOUD TO REMAIN THE SAME. PATCH AND REPAIR CLOUD ONCE IN FINAL RAISED POSITION. SEE FINISH SCHEDULE FOR PAINT COLOR
- 6 ALTERNATE #1 SCOPE: DEMO 1x1 CEILING SYSTEM FOR ACCESS TO FOUNTAIN PIPE WORK. REPLACE WITH NEW 2x2 ACT CEILING SYSTEM
- 7 ALTERNATE #1 SCOPE: DEMO HARD LID GYPSUM BOARD CEILING SYSTEM FOR ACCESS TO FOUNTAIN PIPE WORK. REPLACE WITH NEW 2x2 ACT CEILING SYSTEM

NOTE:
 CONTRACTOR TO PROVIDE & INSTALL SCAFFOLDING AND DANCE FLOOR TYPE WORKING PLATFORM FOR DEMOLITION AND NEW CONSTRUCTION.

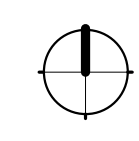
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CONTRACTOR TO ALSO PROVIDE ACCESS TO BYU OIT INSTALLERS TO INSTALL NEW OIT SPEAKERS, PROJECTORS, ETC. THIS IS TO HAPPEN BEFORE SCAFFOLDING IS TAKEN DOWN.

DIAGONAL HATCH AREA INDICATES SECTION OF CEILING TO BE REMOVED OR ALTERED



**M3728 LEVEL 2 DEMOLITION
 REFLECTED CEILING PLAN**
 1/4" = 1'-0"



REFERENCE NOTES

- 1 BYU TO PROVIDE AND INSTALL NEW CARPET (NIC)
- 2 BYU TO PROVIDE AND INSTALL NEW THEATER SEATING (NIC)
- 3 SECTION OF SEATING TO REMAIN OPEN FOR A/V EQUIPMENT. SEE OIT & ELECTRICAL PLANS FOR EQUIPMENT INFORMATION
- 4 PROVIDE/INSTALL NEW SURFACE MOUNTED DATA AND ELECTRICAL BOXES. CENTER WITHIN CHAIR OPENING. SEE OIT & ELECTRICAL PLANS FOR ADDITIONAL INFO
- 5 FILL SAW CUT TRENCH WITH STANDARD SPECIFIED CAST-IN-PLACE CONCRETE. SMOOTH FINISH
- 6 PATCH & REPAIR EXISTING HOLES IN WALL, HOLES APPROXIMATELY 7' UP FROM FINISH FLOOR
- 7 NEW ALUMINUM RAILING (BASIS OF DESIGN, IDEAL SHIELD ALUMINUM HANDRAILS)



FACILITIES PLANNING

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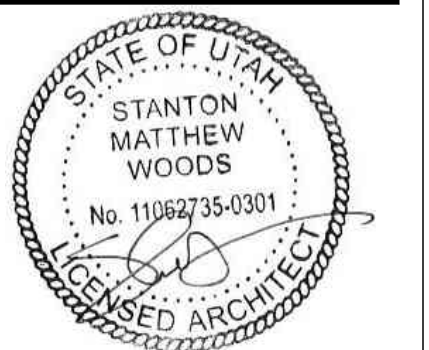
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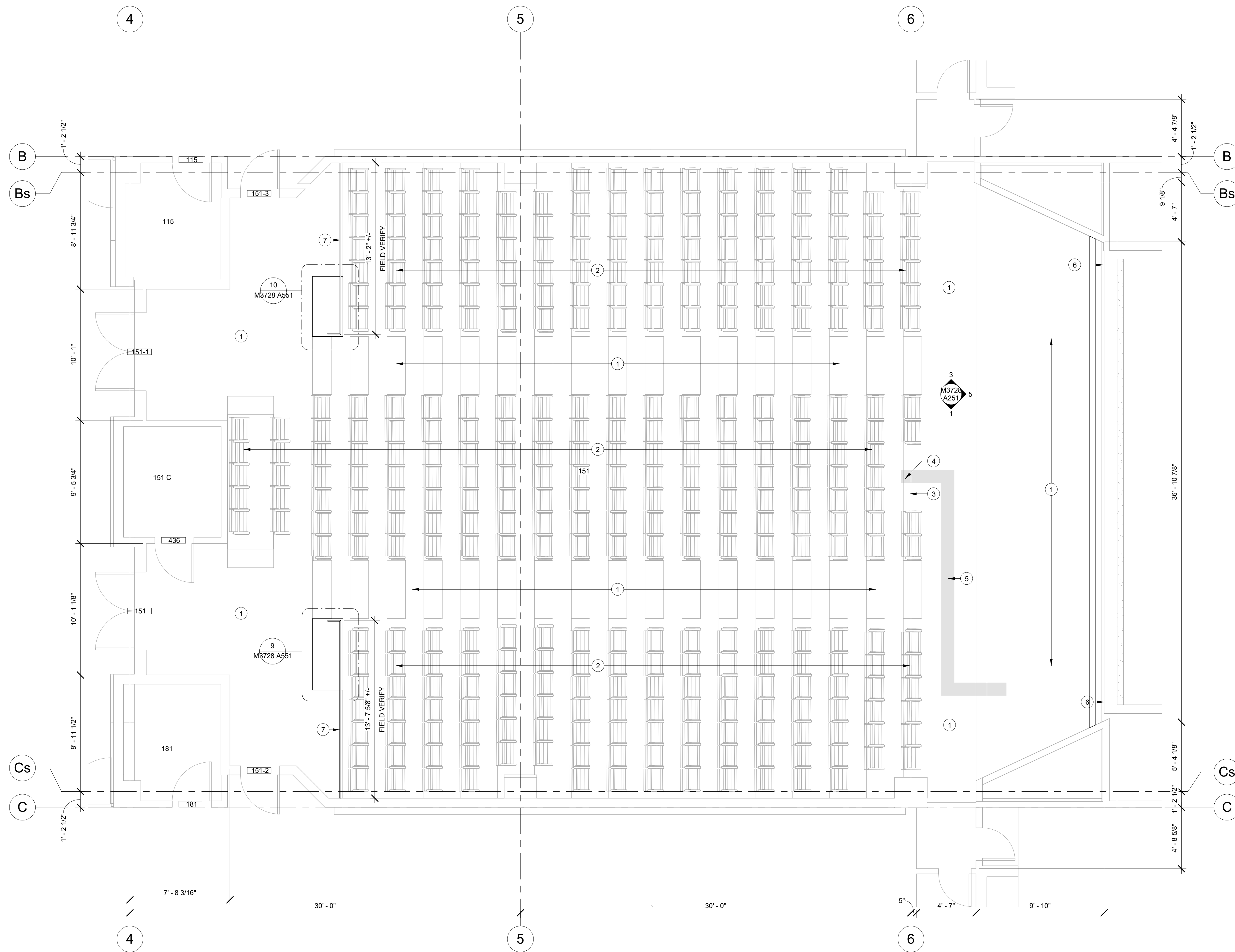
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 PHYSICAL FACILITIES
N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



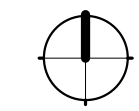
LEVEL 1 FLOOR PLAN

WORK ORDER & SHEET NO.

**M3728
 A101**



1 NEW FLOOR PLAN
 1/4" = 1'-0"



REFERENCE NOTES

- 1 BYU TO PROVIDE AND INSTALL NEW CARPET (NIC)
- 2 BYU TO PROVIDE AND INSTALL NEW THEATER SEATING (NIC)
- 3 SECTION OF SEATING TO REMAIN OPEN FOR A/V EQUIPMENT. SEE OIT & ELECTRICAL PLANS FOR EQUIPMENT INFORMATION



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 DRAWN BY: SW

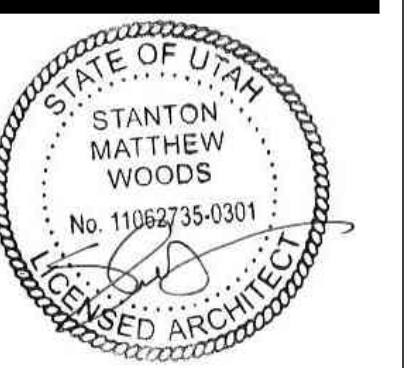
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 PLANNING DIR: _____

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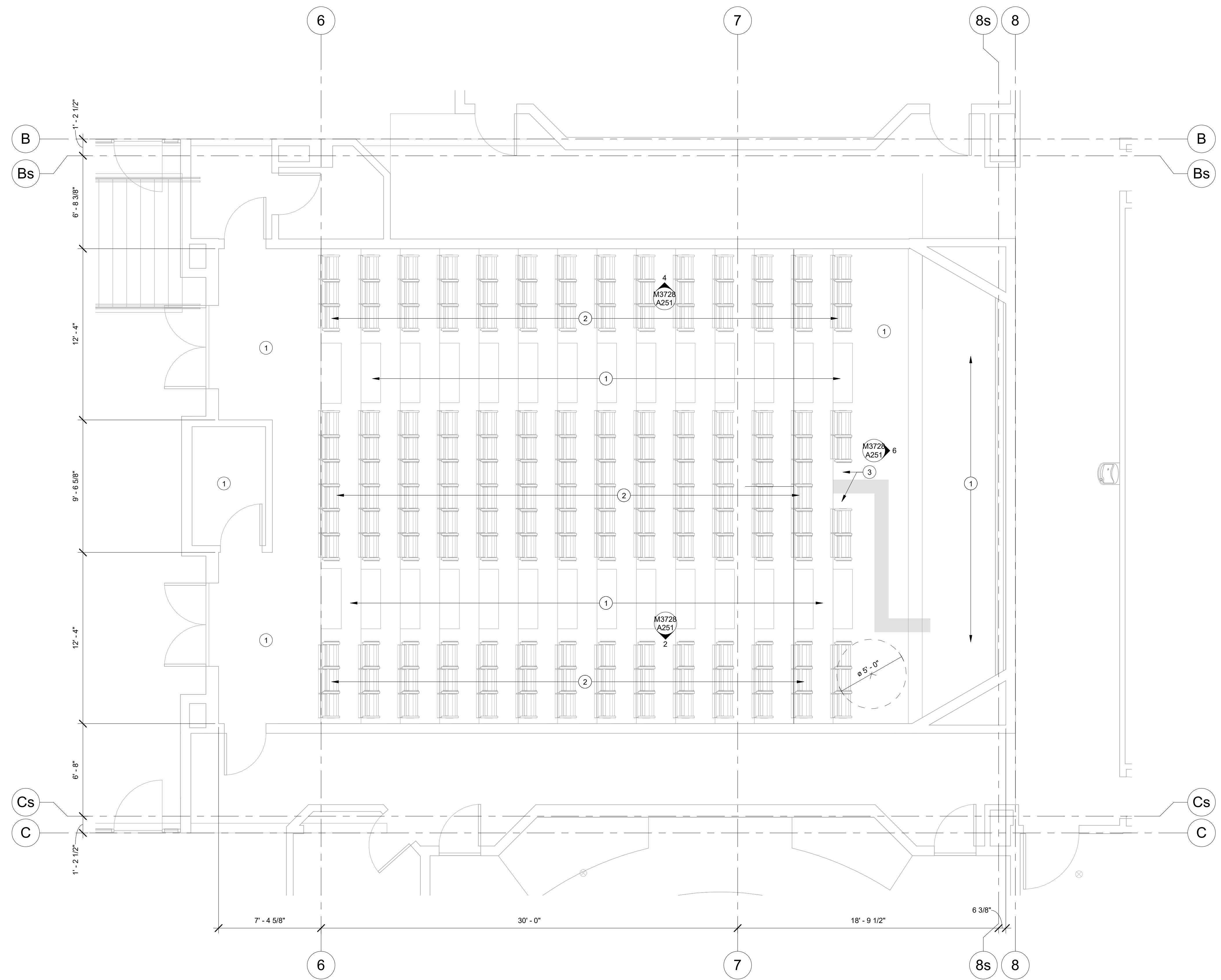
BRIGHAM YOUNG
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 PHYSICAL FACILITIES
N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



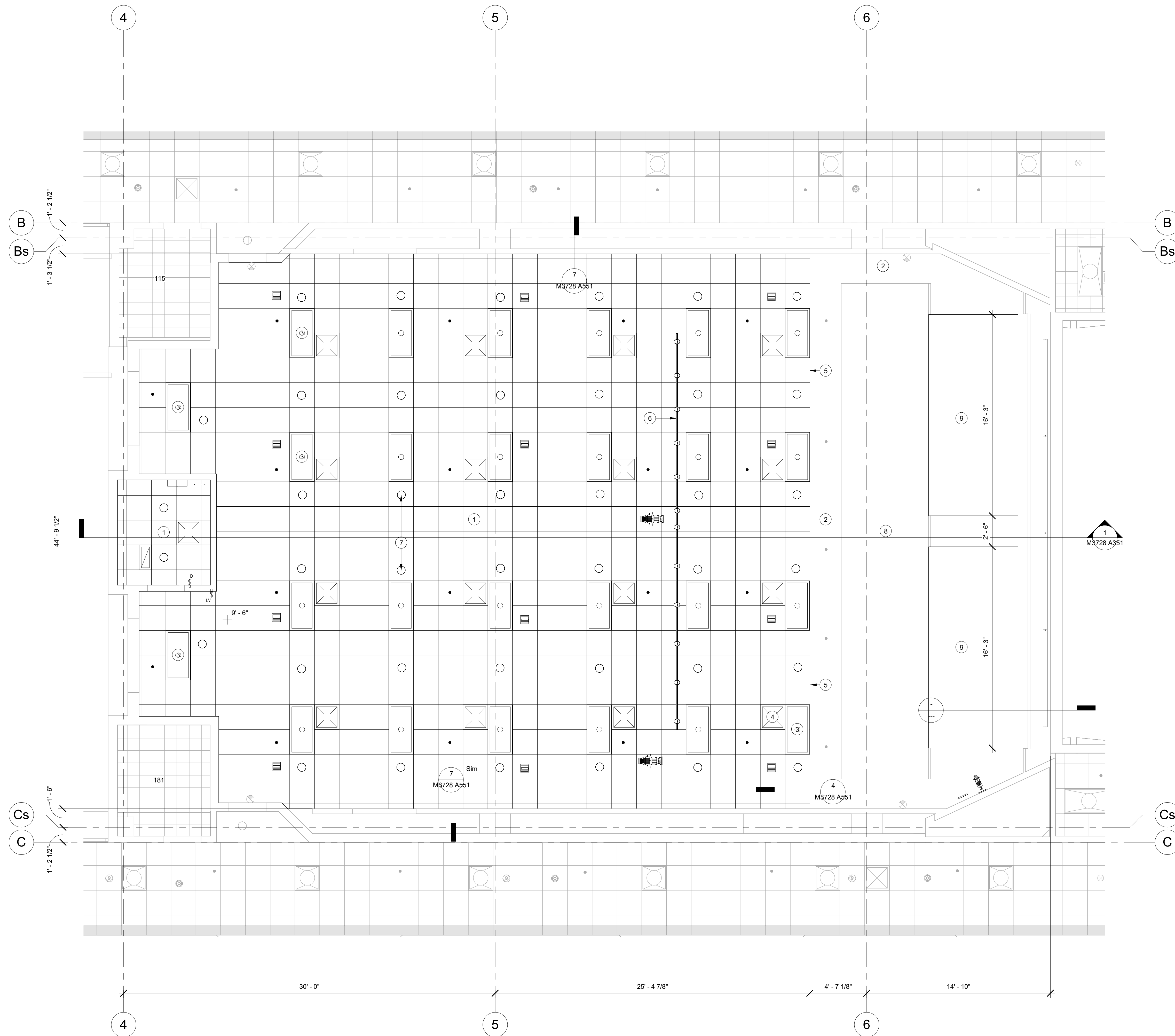
LEVEL 2 FLOOR PLAN

WORK ORDER & SHEET NO.

**M3728
 A102**



1 M3728 LEVEL 2 FLOOR PLAN
 1/4" = 1'-0"



1 NEW CEILING PLAN
1/4" = 1'-0"

REFERENCE NOTES

- 1 NEW ACT CEILING SYSTEM, CEILING TILE TO BE USG FROST 490
- 2 EXISTING SLOPED SECTION OF CEILING TO REMAIN. PATCH AND REPAIR ANY EXISTING & NEW DAMAGE. PAINT ENTIRE CEILING. SEE FINISH SCHEDULE FOR PAINT COLOR
- 3 NEW 2x4 LED PANEL LIGHTING, SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 4 NEW HVAC GRILLES, REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- 5 REPAIR EDGE OF EXISTING ANGLED GYP. BD. CEILING SO THAT NEW ACT CEILING CAN BUTT UP TO EDGE. SEE DETAIL 7/A551
- 6 NEW STAGE LIGHTING & SUPPORT, SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 7 NEW CAN LIGHTING, SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 8 EXISTING UPPER GYPSUM BOARD CEILING CLOUD TO REMAIN IN PLACE. PATCH AND REPAIR ANY EXISTING & NEW DAMAGE. PAINT ENTIRE CLOUD, SEE FINISH SCHEDULE FOR PAINT COLOR
- 9 MODIFY EXISTING GYPSUM BOARD CEILING CLOUD, CUT OUT MIDDLE SECTION FOR NEW OVERHEAD PROJECTOR. PATCH & REPAIR ALL SIDES AND CORNERS. MODIFY EXISTING SUPPORTS TO INSTALL CLOUDS TO HEIGHT SHOWN ON SHEET A351. SLOPE OF CLOUD TO REMAIN THE SAME. PATCH AND REPAIR CLOUD ONCE IN FINAL RAISED POSITION. SEE FINISH SCHEDULE FOR PAINT COLOR



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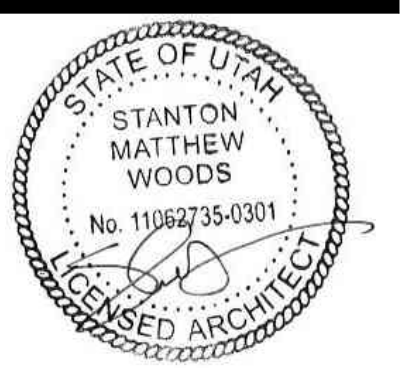
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UTILITIES DIR:
PLANNING DIR:

CLIENT APPROVAL DATE

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N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



**LEVEL 1
REFLECTED
CEILING PLAN**

WORK ORDER & SHEET NO.

**M3728
A151**

REFERENCE NOTES

- 1 NEW ACT CEILING SYSTEM, CEILING TILE TO BE USG FROST 490
- 2 NEW 2x4 LED PANEL LIGHTING, SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 3 NEW HVAC GRILLES, REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION
- 4 NEW STAGE LIGHTING & SUPPORT, SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 5 NEW CAN LIGHTING, SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 6 NEW SPOTLIGHT FIXTURE, SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 7 NEW LIGHT FIXTURE ABOVE WHITEBOARDS, SEE ELEC. PLANS
- 8 EXISTING UPPER GYPSUM BOARD CEILING CLOUD TO REMAIN IN PLACE, PATCH AND REPAIR ANY EXISTING & NEW DAMAGE, PAINT ENTIRE CLOUD, SEE FINISH SCHEDULE FOR PAINT COLOR
- 9 MODIFY EXISTING GYPSUM BOARD CEILING CLOUD, CUT OUT MIDDLE SECTION FOR NEW OVERHEAD PROJECTOR, PATCH & REPAIR ALL SIDES AND CORNERS, MODIFY EXISTING SUPPORTS TO INSTALL CLOUDS TO HEIGHT SHOWN ON SHEET A351, SLOPE OF CLOUD TO REMAIN THE SAME, PATCH AND REPAIR CLOUD ONCE IN FINAL RAISED POSITION, SEE FINISH SCHEDULE FOR PAINT COLOR
- 10 OVERHEAD CAST PROJECTOR, PROVIDE DATA & POWER CONNECTION, BYU OIT TO INSTALL, SEE ELECTRICAL & OIT PLANS FOR ADDITIONAL INFORMATION
- 11 NEW EMERGENCY LIGHT FIXTURE, SEE ELEC. PLANS
- 12 MODIFY FIRESPRINKLER SYSTEM TO NEW CEILING LAYOUT, REFER TO MECHANICAL PLANS
- 13 ALTERNATE #1 SCOPE: DEMO HARD LID GYPSUM BOARD CEILING SYSTEM FOR ACCESS TO FOUNTAIN PIPE WORK, REPLACE WITH NEW 2x2 ACT CEILING SYSTEM
- 14 ALTERNATE #1 SCOPE: DEMO 1x1 CEILING SYSTEM FOR ACCESS TO FOUNTAIN PIPE WORK, REPLACE WITH NEW 2x2 ACT CEILING SYSTEM



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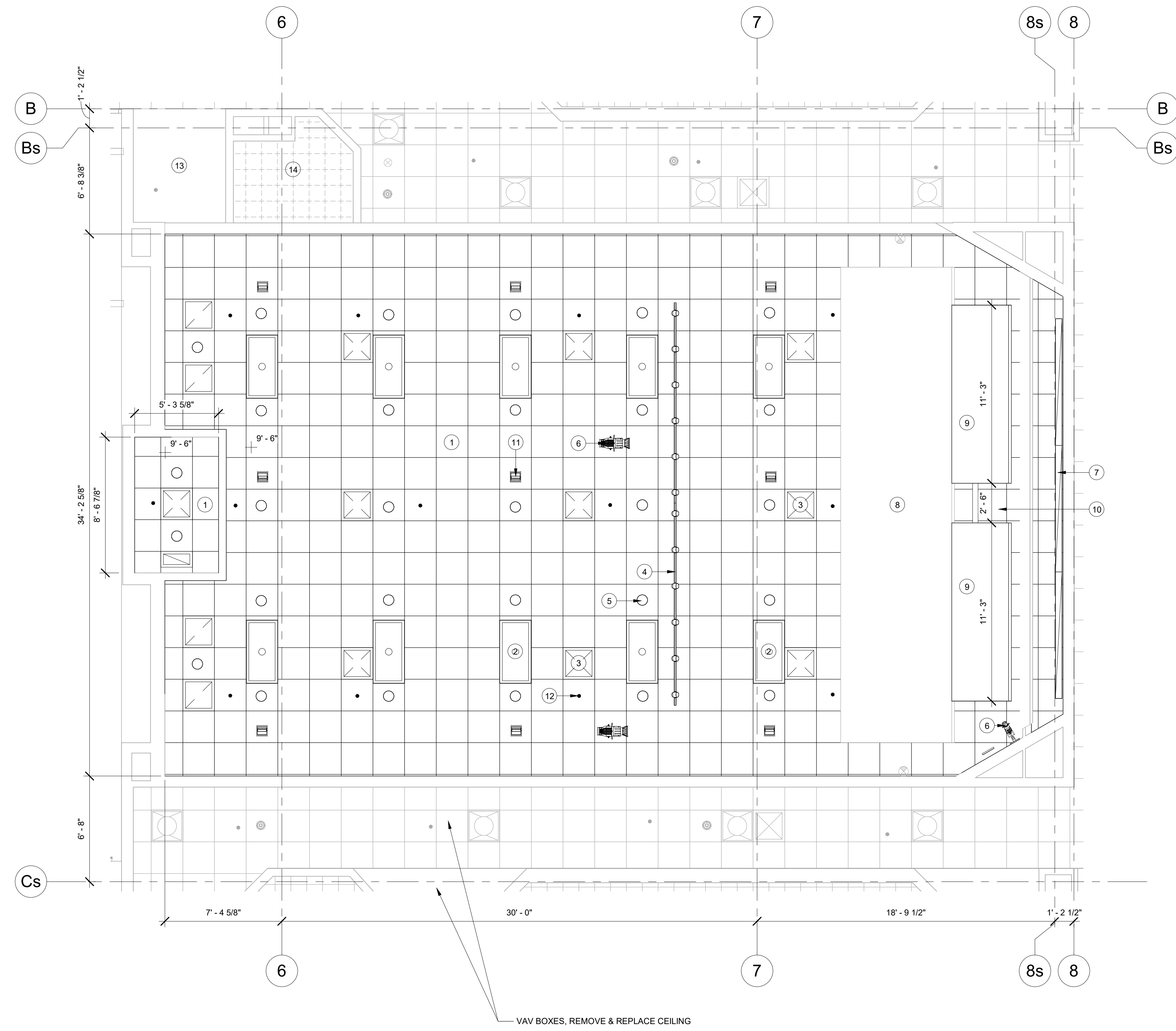
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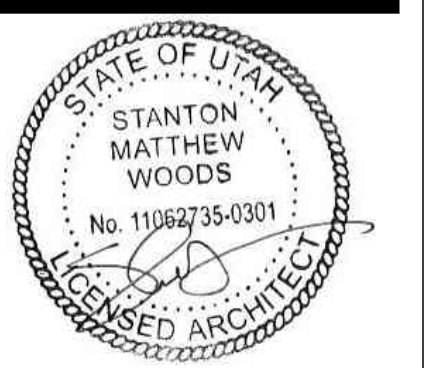
REVISIONS

NO.	DESCRIPTION



M3728 LEVEL 2 REFLECTED CEILING PLAN
 1/4" = 1'-0"

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 PHYSICAL FACILITIES
N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



LEVEL 2 REFLECTED CEILING PLAN

WORK ORDER & SHEET NO.

**M3728
 A152**



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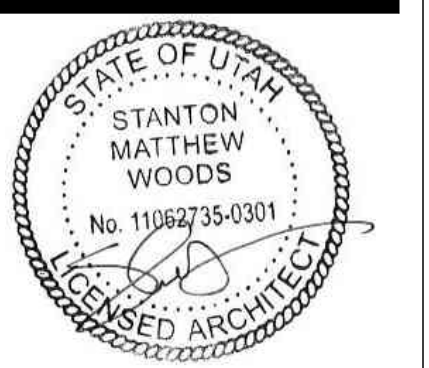
DATE: 03/14/24
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 CODE CHECK: _____
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 UTILITIES DIR: _____
 PLANNING DIR: _____

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PHYSICAL FACILITIES
N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



INTERIOR FINISH ELEVATIONS & FINISH SCHEDULE

WORK ORDER & SHEET NO.

M3728
A251

REFERENCE NOTES

- EXISTING WHITEBOARDS AND CURTAINS TO REMAIN. PROTECT FROM CONSTRUCTION
- MODIFY EXISTING GYPSUM BOARD CEILING CLOUD. CUT OUT MIDDLE SECTION FOR NEW OVERHEAD PROJECTOR. PATCH & REPAIR ALL SIDES AND CORNERS. MODIFY EXISTING SUPPORTS TO INSTALL CLOUDS TO HEIGHT SHOWN ON SHEET A351. SLOPE OF CLOUD TO REMAIN THE SAME. PATCH AND REPAIR CLOUD ONCE IN FINAL RAISED POSITION. SEE FINISH SCHEDULE FOR PAINT COLOR
- EXISTING UPPER GYPSUM BOARD CEILING CLOUD TO REMAIN IN PLACE. PATCH AND REPAIR ANY EXISTING & NEW DAMAGE. PAINT ENTIRE CLOUD. SEE FINISH SCHEDULE FOR PAINT COLOR
- PATCH & REPAIR EXISTING HOLES IN WALL. HOLES APPROXIMATELY 7' UP FROM FINISH FLOOR
- ALL WALLS WITHIN 151 & 251 TO BE PAINTED WITH BYU 'MOUNTAIN HAZE' COLOR. SEE FINISH SCHEDULE ON A251

FINISH SCHEDULE

WALLS

- W1: BYU MOUNTAIN HAZE, SEMI-GLOSS, BENJAMIN MOORE, ULTRA SPEC 500
- MIX CODE (JONES PAINT & GLASS):
 T545-1X, Y3-18, S1-2, S2-17, M1-2.5, R3-0.75
 GENX/GAL
- LOCATION: ALL WALLS, GYP. BOARD CEILINGS, AND HARD ACOUSTIC PANELS ABOVE STAGE AREA
- W2: SHERWIN-WILLIAMS SW 7036 ACCESS BEIGE
- W3: SHERWIN-WILLIAMS SW 7037 BALANCED BEIGE
- W4: SHERWIN-WILLIAMS SW 6243 DISTANCE
- W5: SHERWIN-WILLIAMS SW 6244 NAVAL

LOCATION: ACOUSTIC PANELS ON NORTH & SOUTH WALLS OF 151 & 251
 SEE ELEVATIONS ON THIS SHEET FOR LOCATIONS

FLOORS

- F1: AUDITORIUM CARPET TARKETT, LONGITUDE BYU CUSTOM BLUE
- F2: STAGE/LECTURE AREA CARPET TARKETT, PIATRA CUSTOM #1018365-003 NAVY
- F3: STEP WARNING STRIP TARKETT, BLACK

BASE

- B1: TARKETT CARPET BASE, LONGITUDE BYU CUSTOM BLUE (MATCH ADJACENT AUDITORIUM CARPET)
- B2: TARKETT CARPET BASE, PIATRA CUSTOM (MATCH ADJACENT STAGE/LECTURE CARPET)

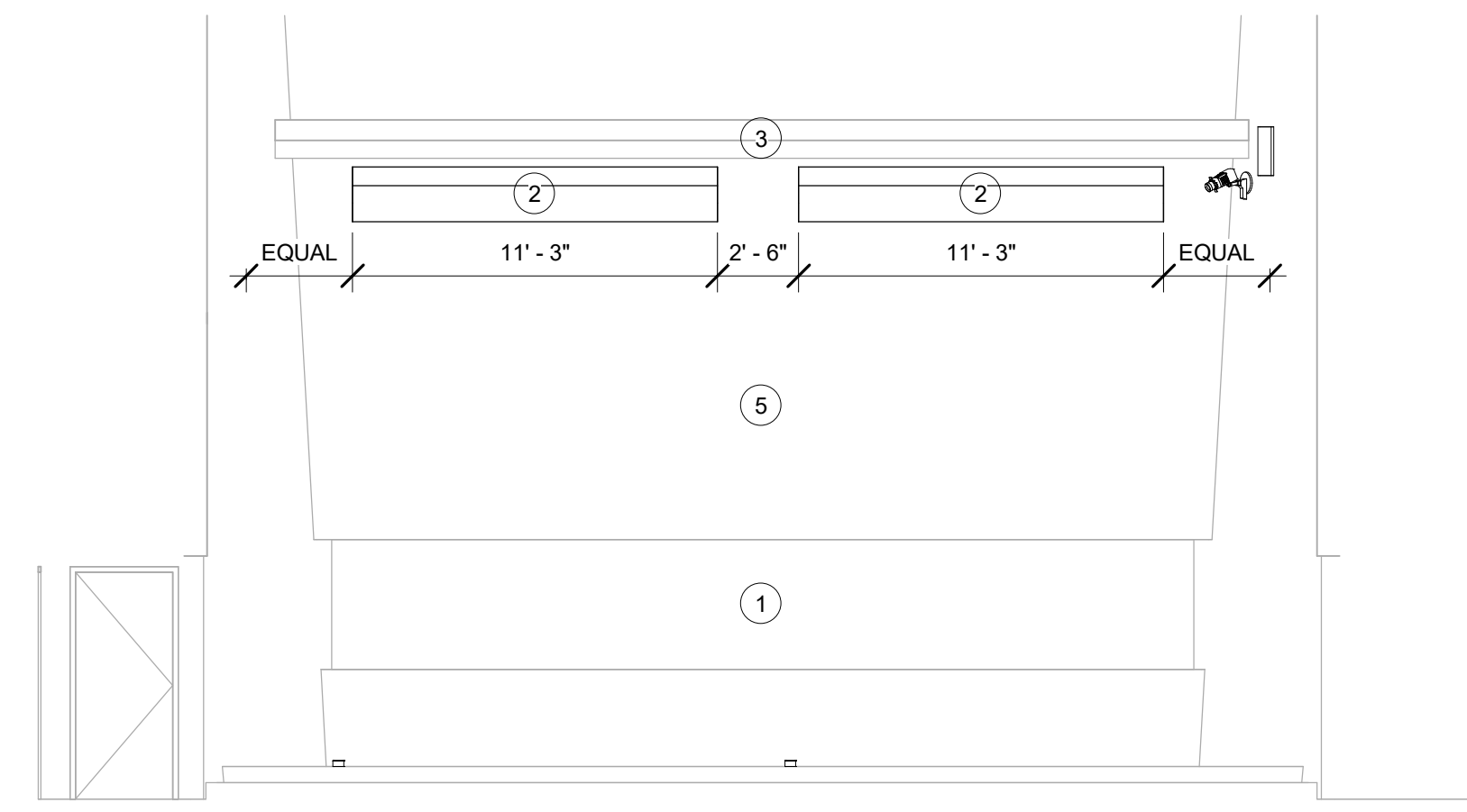
CEILING

- C1: ACT SUSPENDED CEILING CEILING TILE: USG FROST 490
- C2: PAINTED GYP. BOARD CEILING BYU MOUNTAIN HAZE (SAME AS W1 LISTED ABOVE)

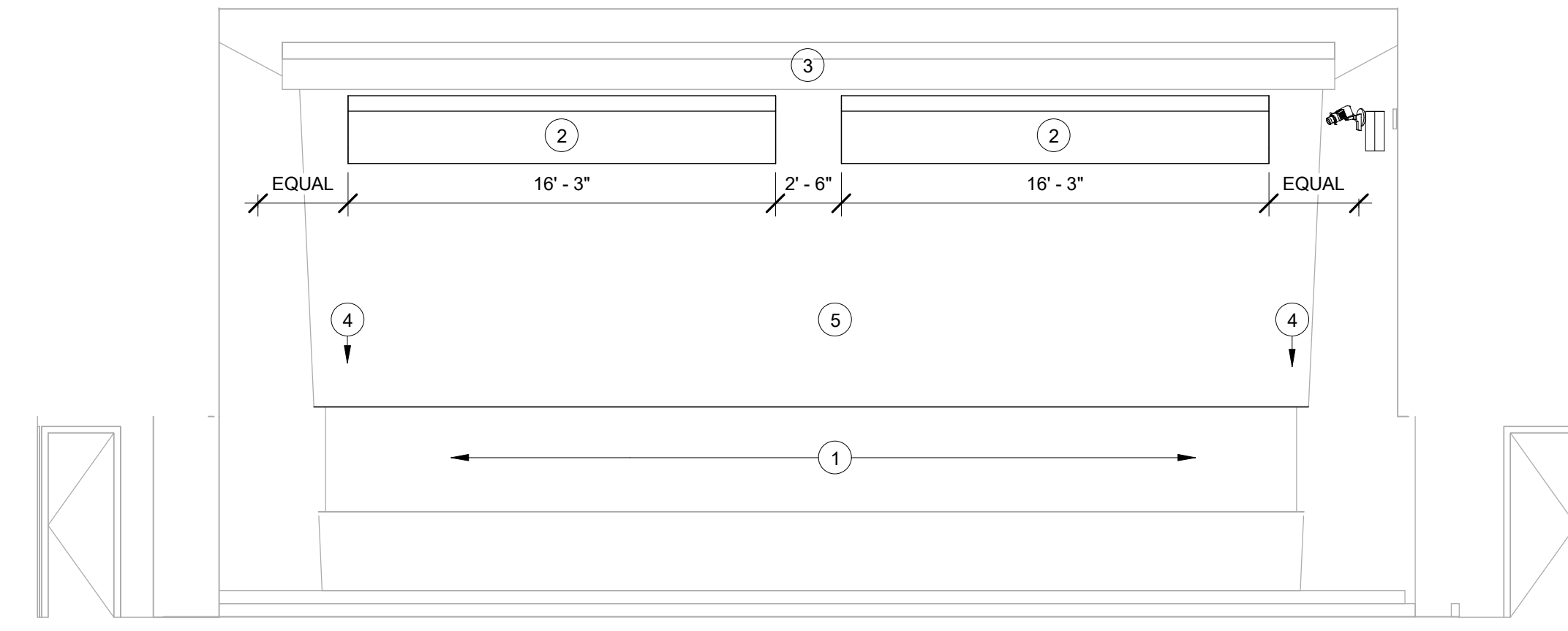
WALL PANEL COLOR LEGEND

- SHERWIN-WILLIAMS SW 6244 NAVAL
- SHERWIN-WILLIAMS SW 7037 BALANCED BEIGE
- SHERWIN-WILLIAMS SW 7036 ACCESSIBLE BEIGE

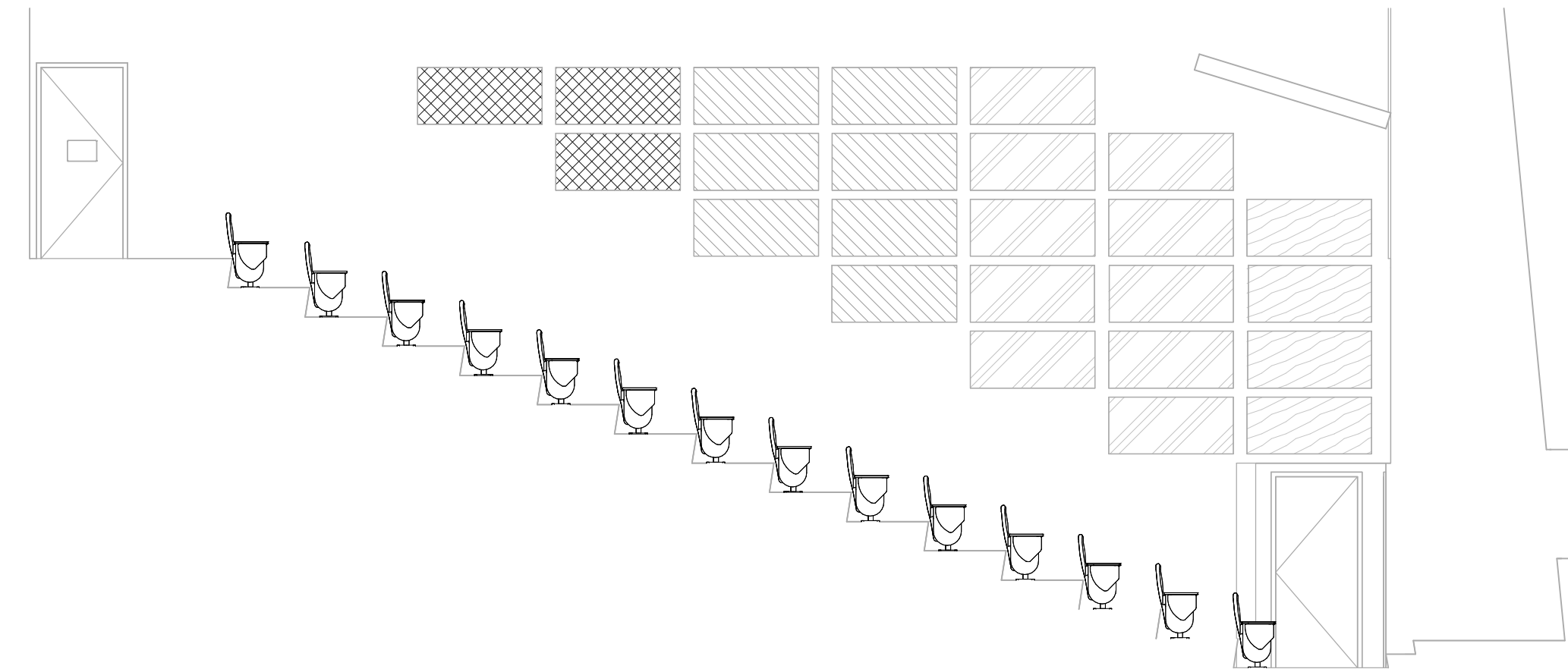
NOTE: PANEL ACCENT COLORS TO BE APPLIED TO ALL FIVE SIDES OF ANGLED/ACOUSTIC WALL PANEL.



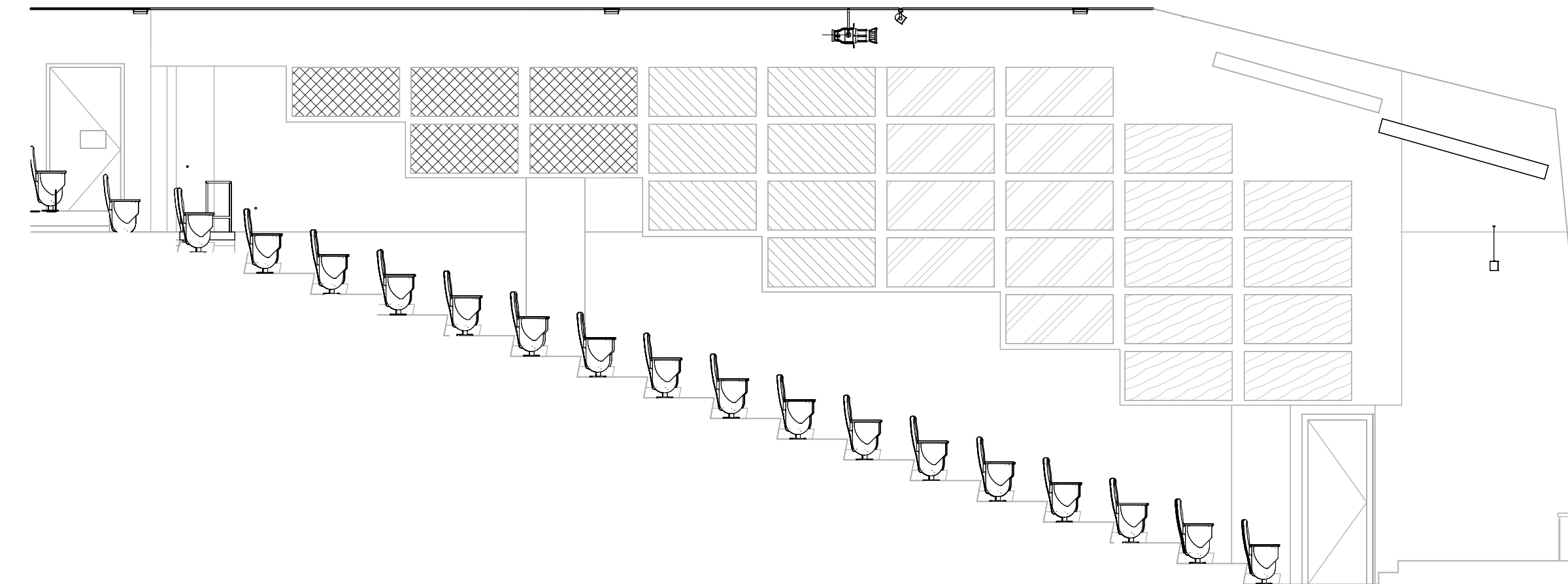
AUDITORIUM 251 EAST ELEVATION
 SCALE: 3/16" = 1'-0" **6**



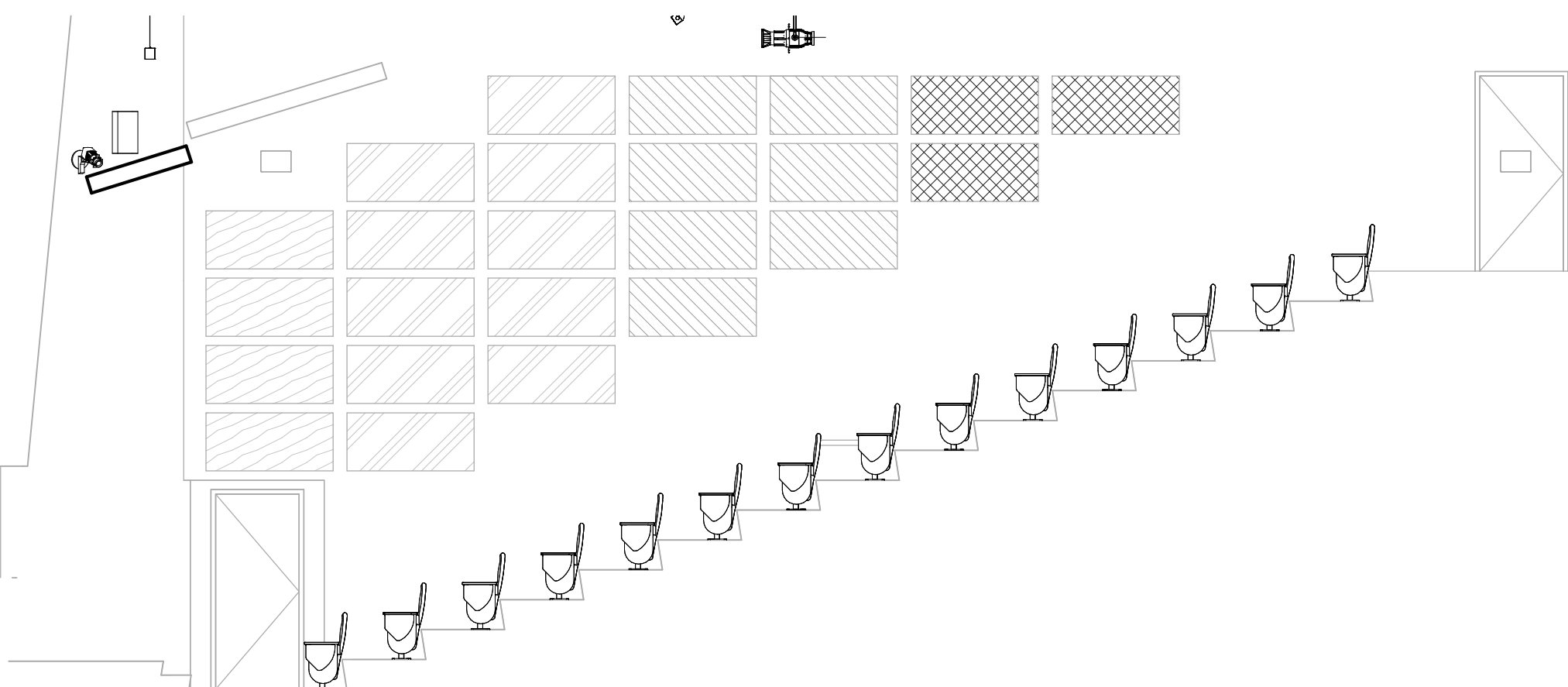
AUDITORIUM 151 EAST ELEVATION
 SCALE: 3/16" = 1'-0" **5**



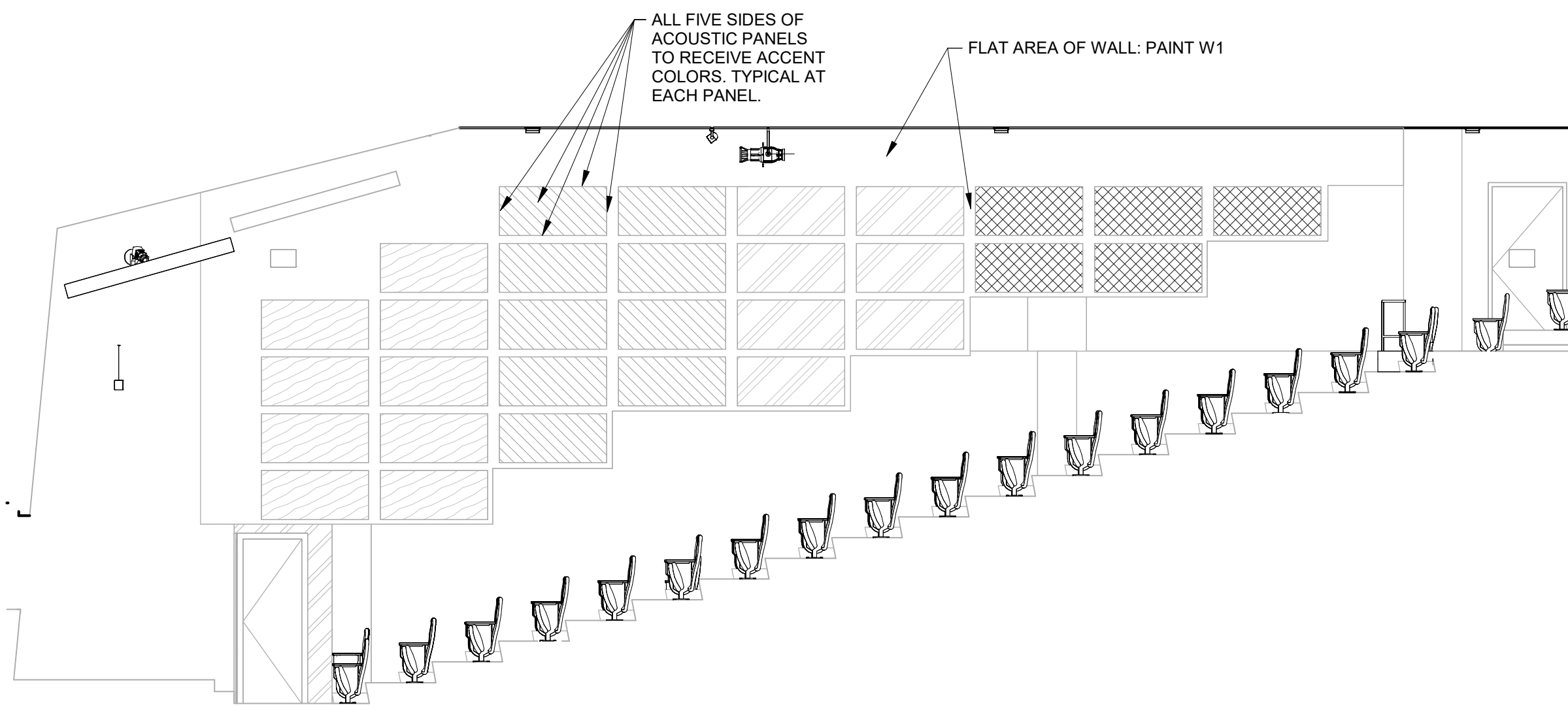
COLORED PANELS - AUDITORIUM 251 NORTH ELEV.
 SCALE: 3/16" = 1'-0" **4**



COLORED PANELS - AUDITORIUM 151 NORTH ELEV.
 SCALE: 3/16" = 1'-0" **3**



COLORED PANELS - AUDITORIUM 251 SOUTH ELEV.
 SCALE: 3/16" = 1'-0" **2**



COLORED PANELS - AUDITORIUM 151 SOUTH ELEV.
 SCALE: 3/16" = 1'-0" **1**

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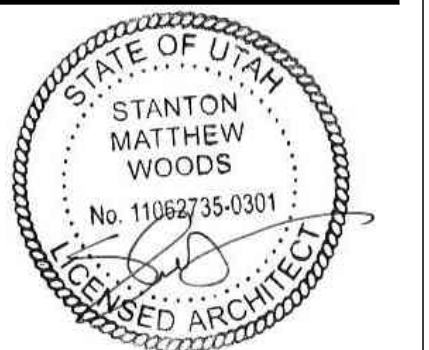
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 PHYSICAL FACILITIES
 N. ELDON TANNER BUILDING (TNRB) - LEVEL 1 & 2



AUDITORIUMS -
 SECTION VIEWS

WORK ORDER & SHEET NO.

M3728
A351

REFERENCE NOTES

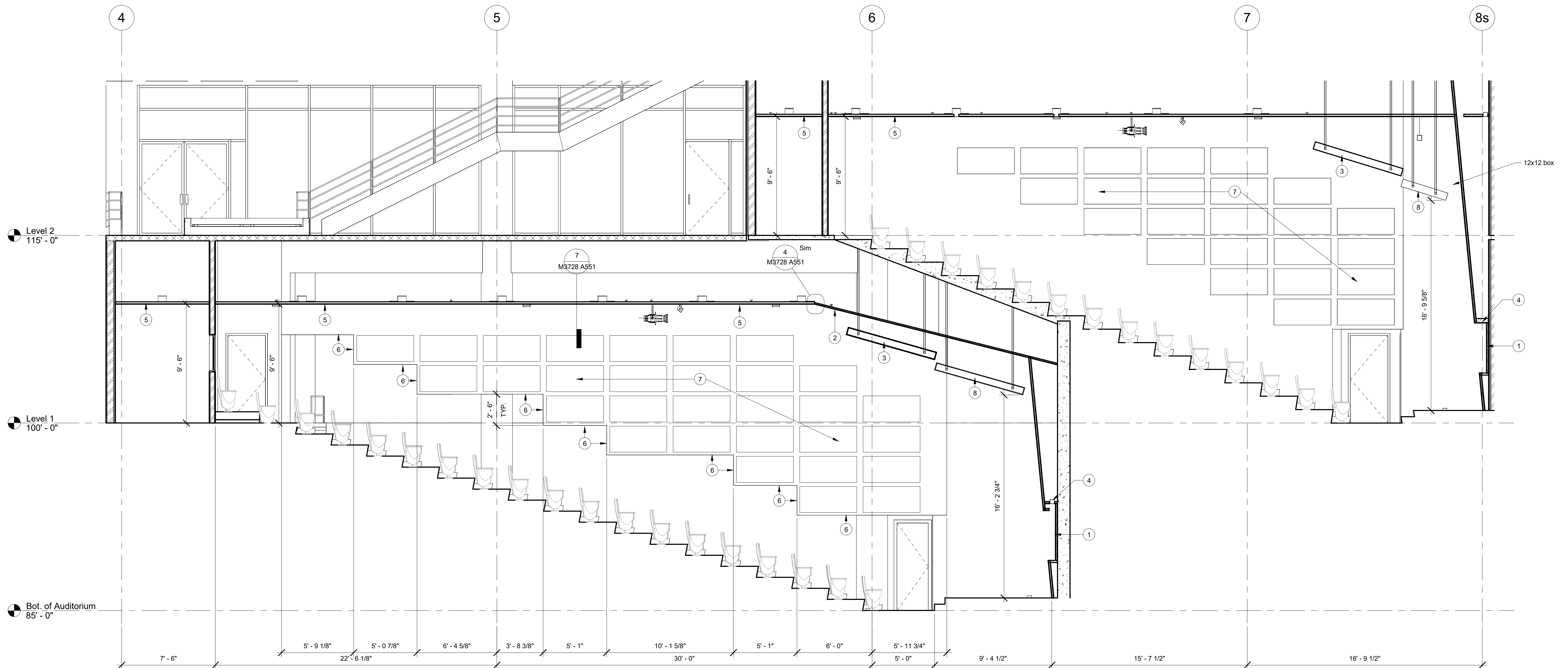
NOTE:

CONTRACTOR TO PROVIDE & INSTALL SCAFFOLDING AND 'DANCE FLOOR' TYPE WORKING PLATFORM FOR DEMOLITION AND NEW CONSTRUCTION.

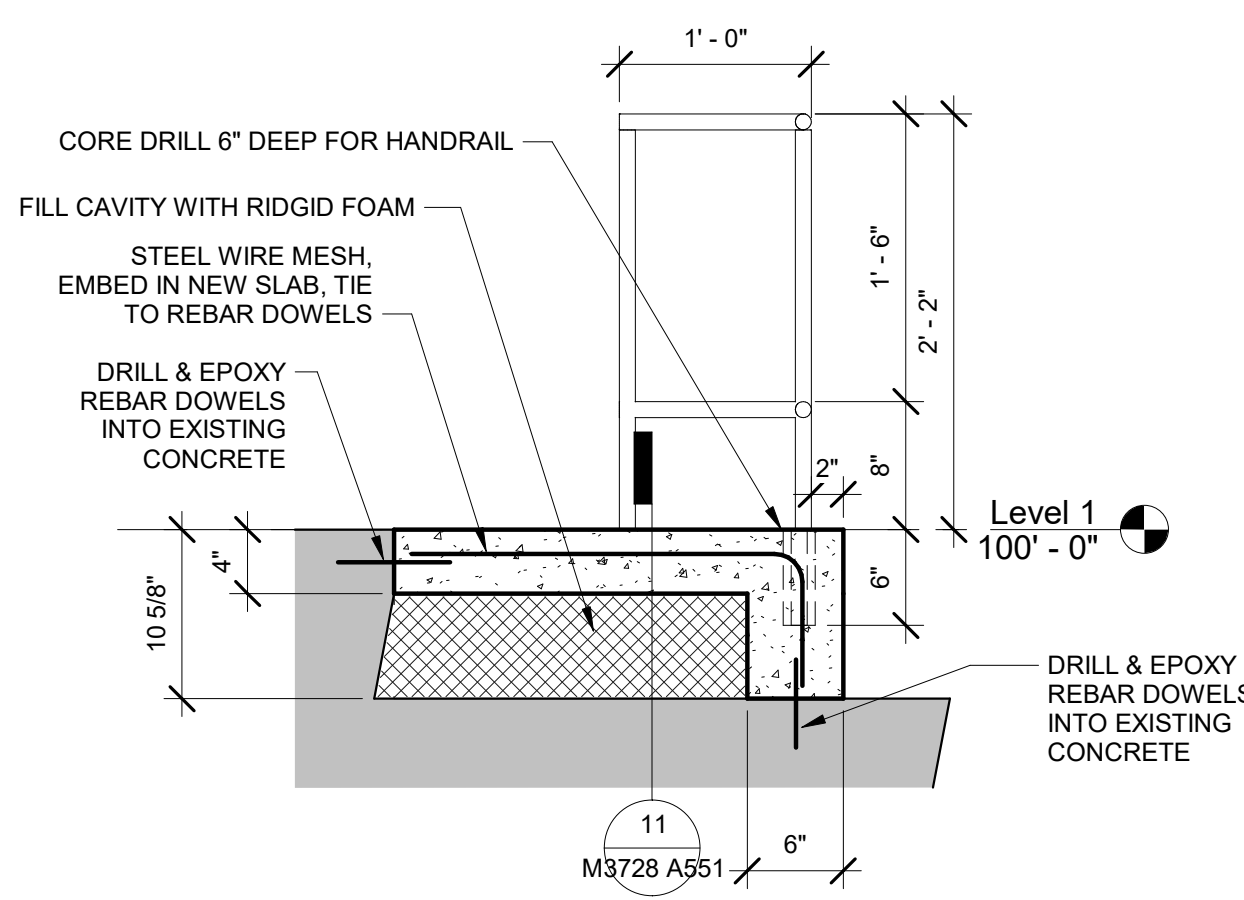
CONTRACTOR TO PROVIDE ACCESS TO BYU OIT INSTALLERS TO REMOVE EXISTING OIT ITEMS SUCH AS SPEAKERS, PROJECTORS, DISPLAYS ETC.

CONTRACTOR TO ALSO PROVIDE ACCESS TO BYU OIT INSTALLERS TO INSTALL NEW OIT SPEAKERS, PROJECTORS, ETC. THIS IS TO HAPPEN BEFORE SCAFFOLDING IS TAKEN DOWN.

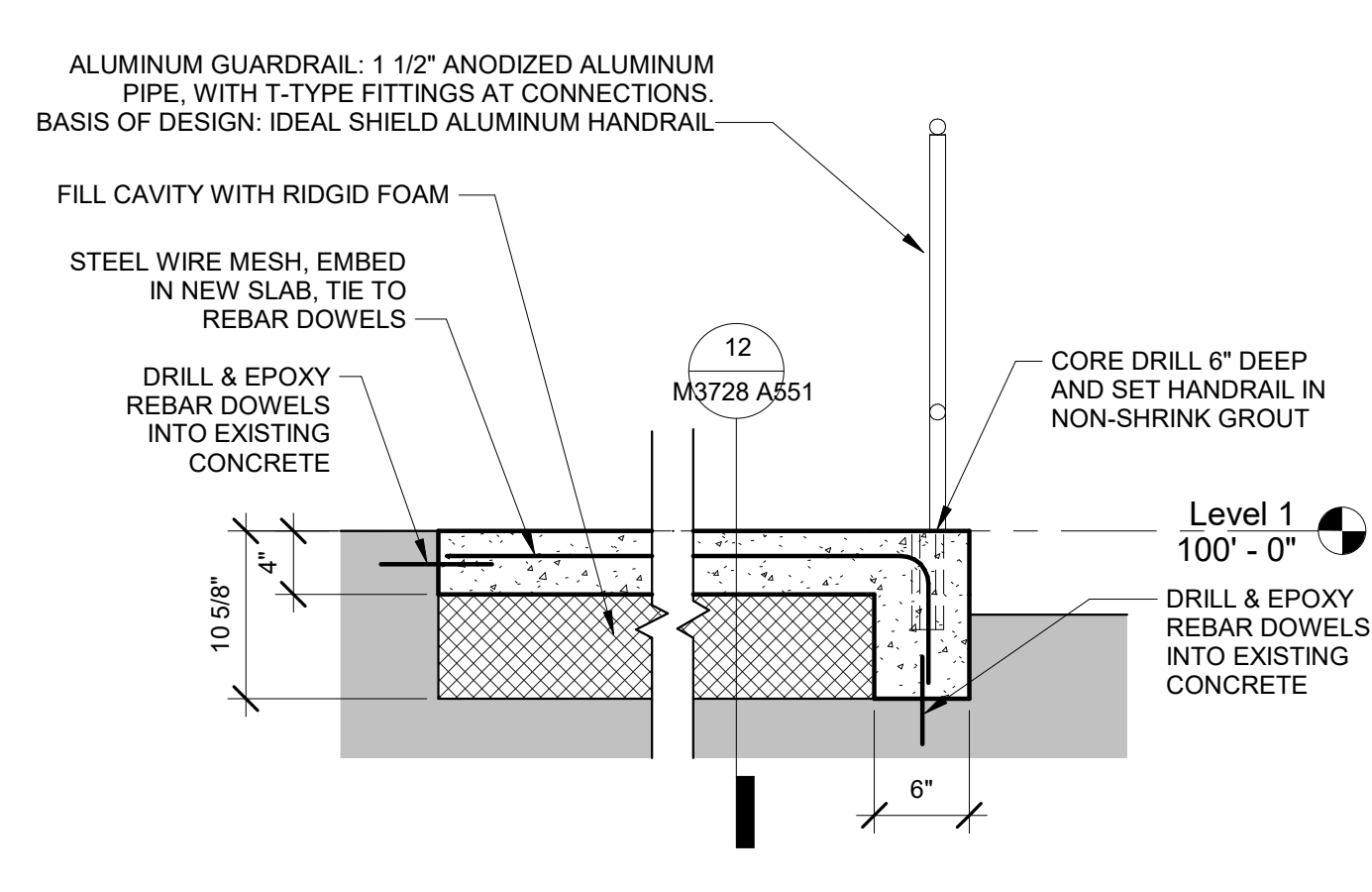
- 1 EXISTING WHITEBOARDS AND CURTAINS TO REMAIN. PROTECT FROM CONSTRUCTION
- 2 EXISTING SLOPED SECTION OF CEILING TO REMAIN. PATCH AND REPAIR ANY EXISTING & NEW DAMAGE. PAINT ENTIRE CEILING. SEE FINISH SCHEDULE FOR PAINT COLOR
- 3 EXISTING UPPER GYPSUM BOARD CEILING CLOUD TO REMAIN IN PLACE. PATCH AND REPAIR ANY EXISTING & NEW DAMAGE. PAINT ENTIRE CLOUD. SEE FINISH SCHEDULE FOR PAINT COLOR
- 4 NEW LIGHT FIXTURE ABOVE WHITEBOARDS. SEE ELEC. PLANS
- 5 NEW ACT CEILING SYSTEM, CEILING TILE TO BE USG FROST 490
- 6 PAINT AREA OF WALL OVERHANG, BOTH NORTH & SOUTH WALLS IN ROOM 151. COLOR W1 (SEE FINISH SCHEDULE, SHEET A251)
- 7 EXISTING ANGLED WALL SECTIONS TO RECEIVE ALTERNATING COLORS. SEE SHEET A251 FOR LAYOUT AND COLORS
- 8 MODIFY EXISTING GYPSUM BOARD CEILING CLOUD. CUT OUT MIDDLE SECTION FOR OVERHEAD PROJECTOR. PATCH & REPAIR ALL SIDES AND CORNERS. MODIFY EXISTING SUPPORTS TO INSTALL CLOUDS TO HEIGHT SHOWN ON SHEET A351. SLOPE OF CLOUD TO REMAIN THE SAME. PATCH AND REPAIR CLOUD ONCE IN FINAL RAISED POSITION. SEE FINISH SCHEDULE FOR PAINT COLOR



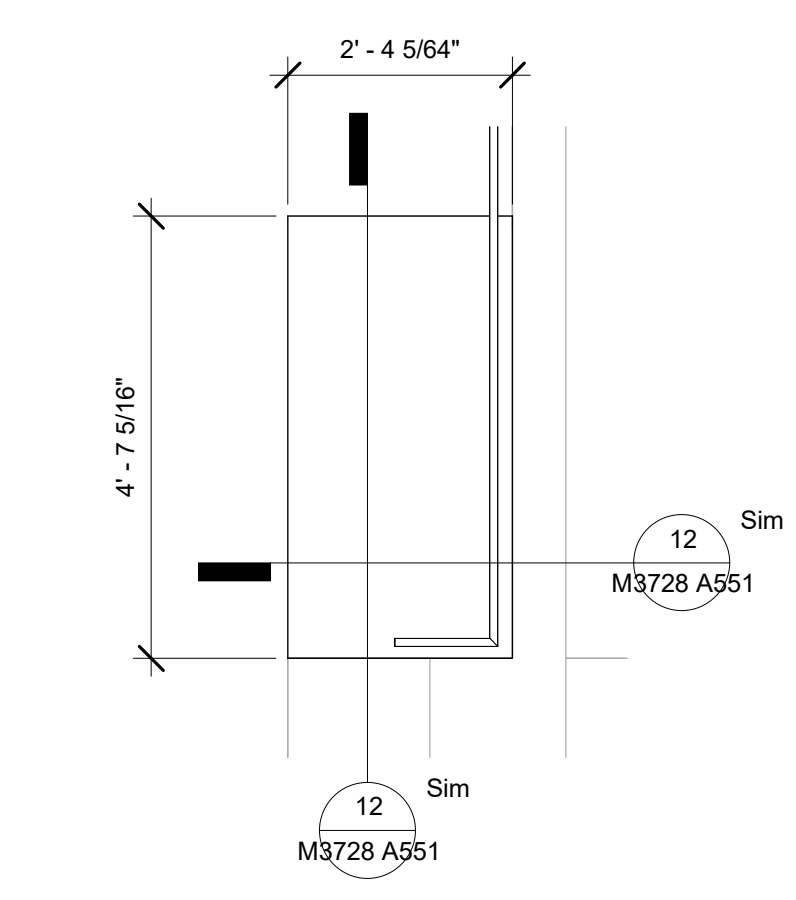
1 AUDITORIUMS 151 & 251 SECTION VIEW
 1/4" = 1'-0"



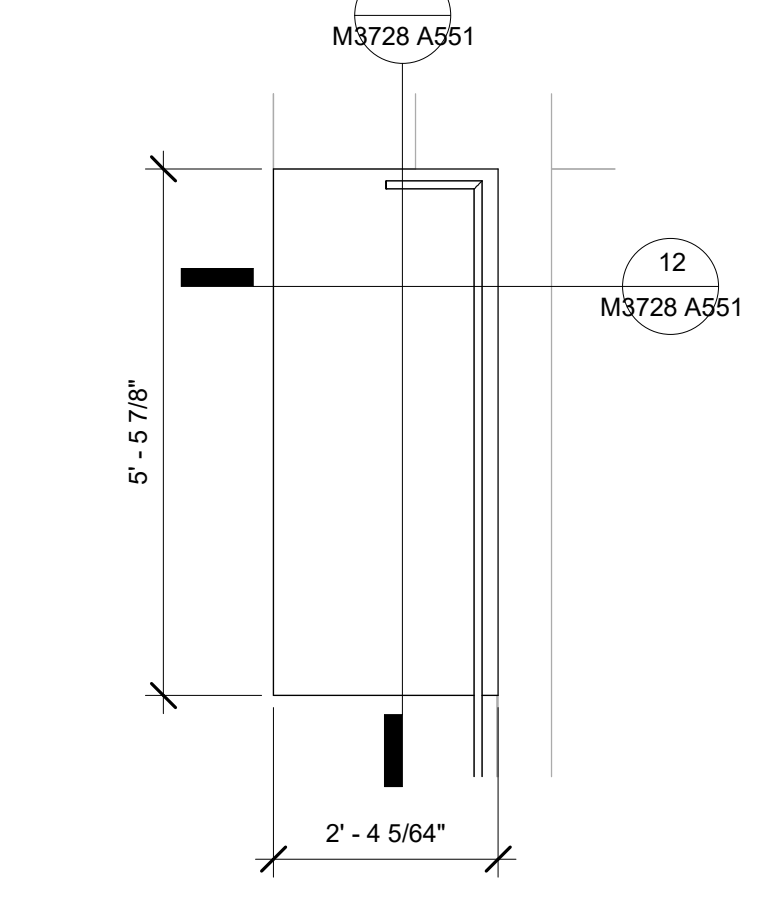
12 CROSS SECTION - B
1" = 1'-0"



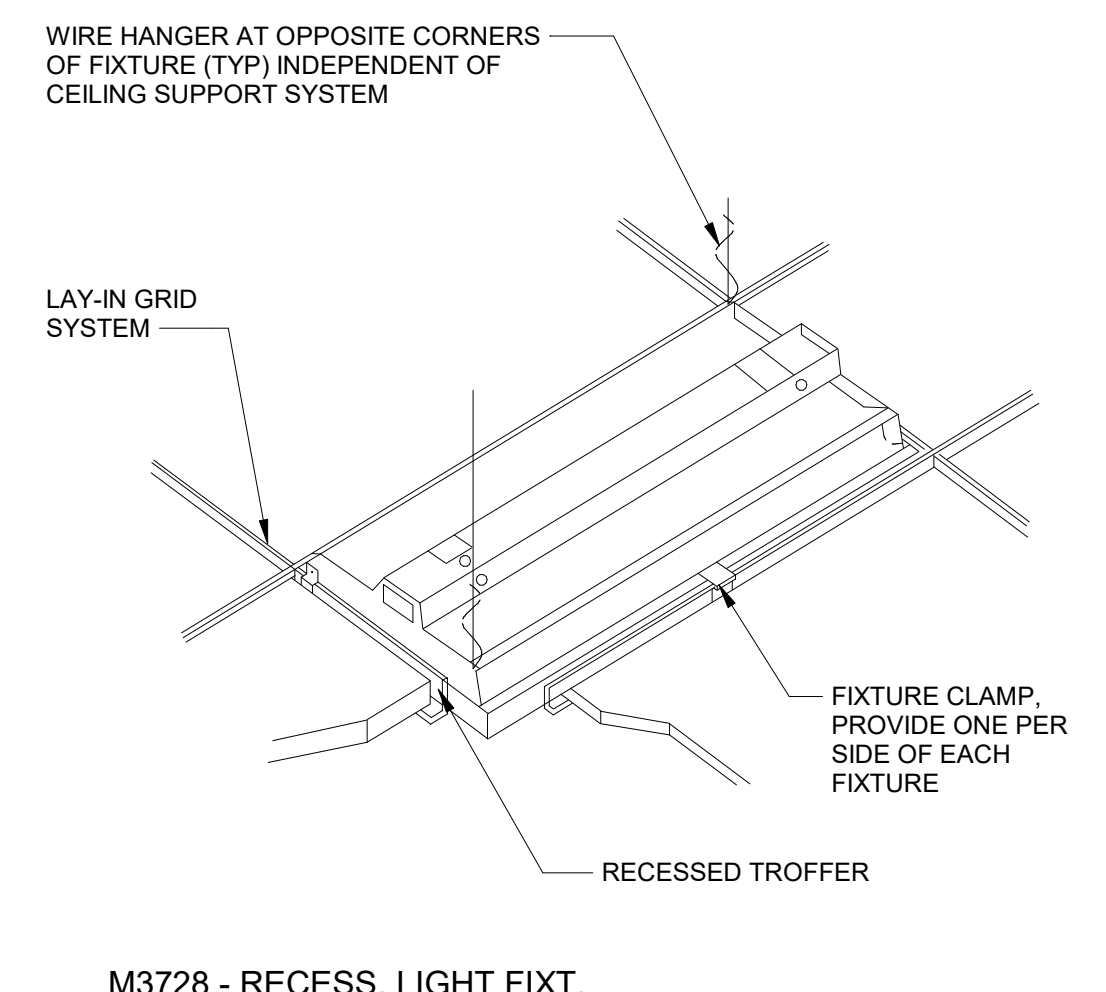
11 CROSS SECTION - A
1" = 1'-0"



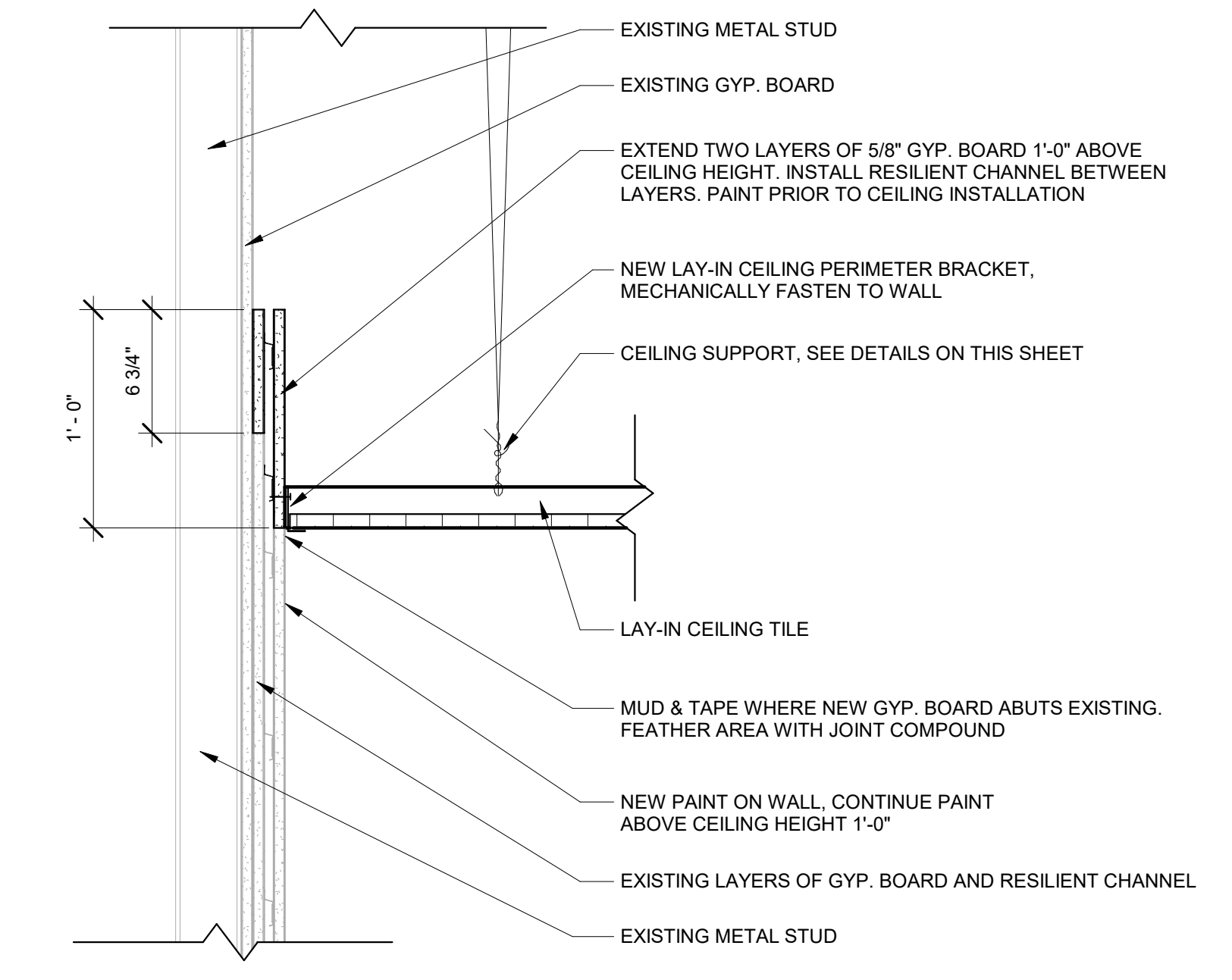
10 NORTH WHEELCHAIR PLATFORM
1/2" = 1'-0"



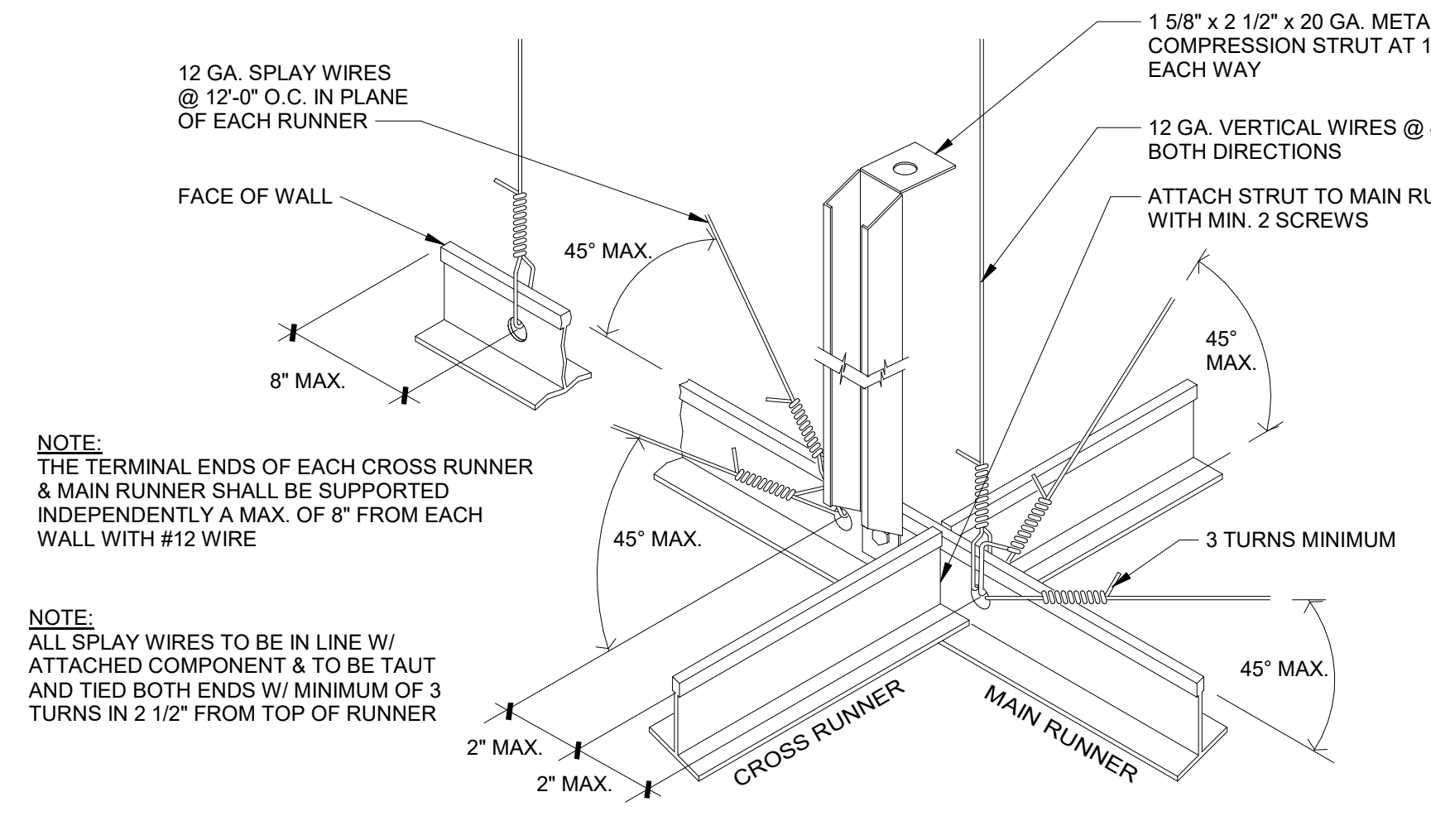
9 SOUTH WHEELCHAIR PLATFORM
1/2" = 1'-0"



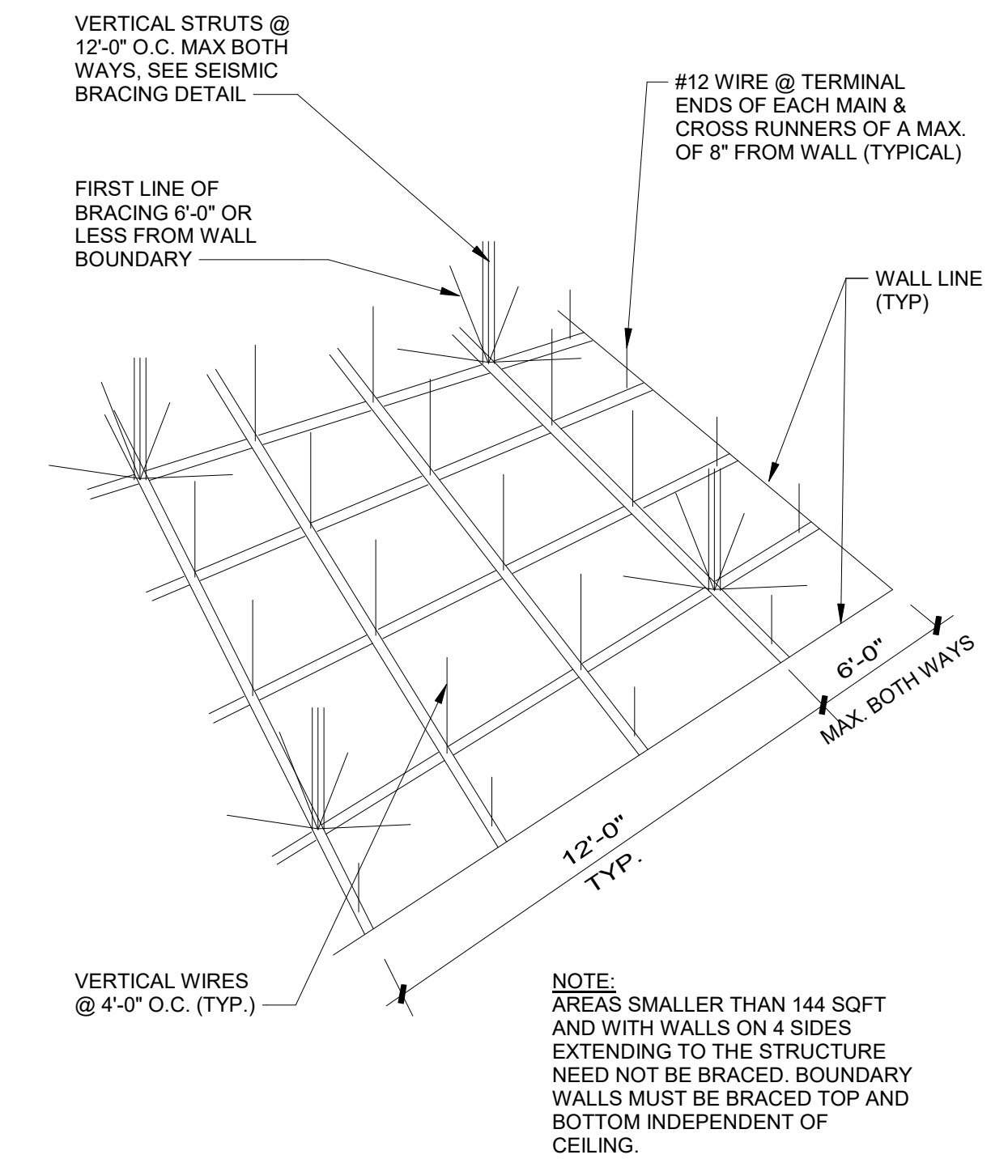
8 M3728 - RECESS. LIGHT FIXT. MOUNTING DET
1" = 1'-0"



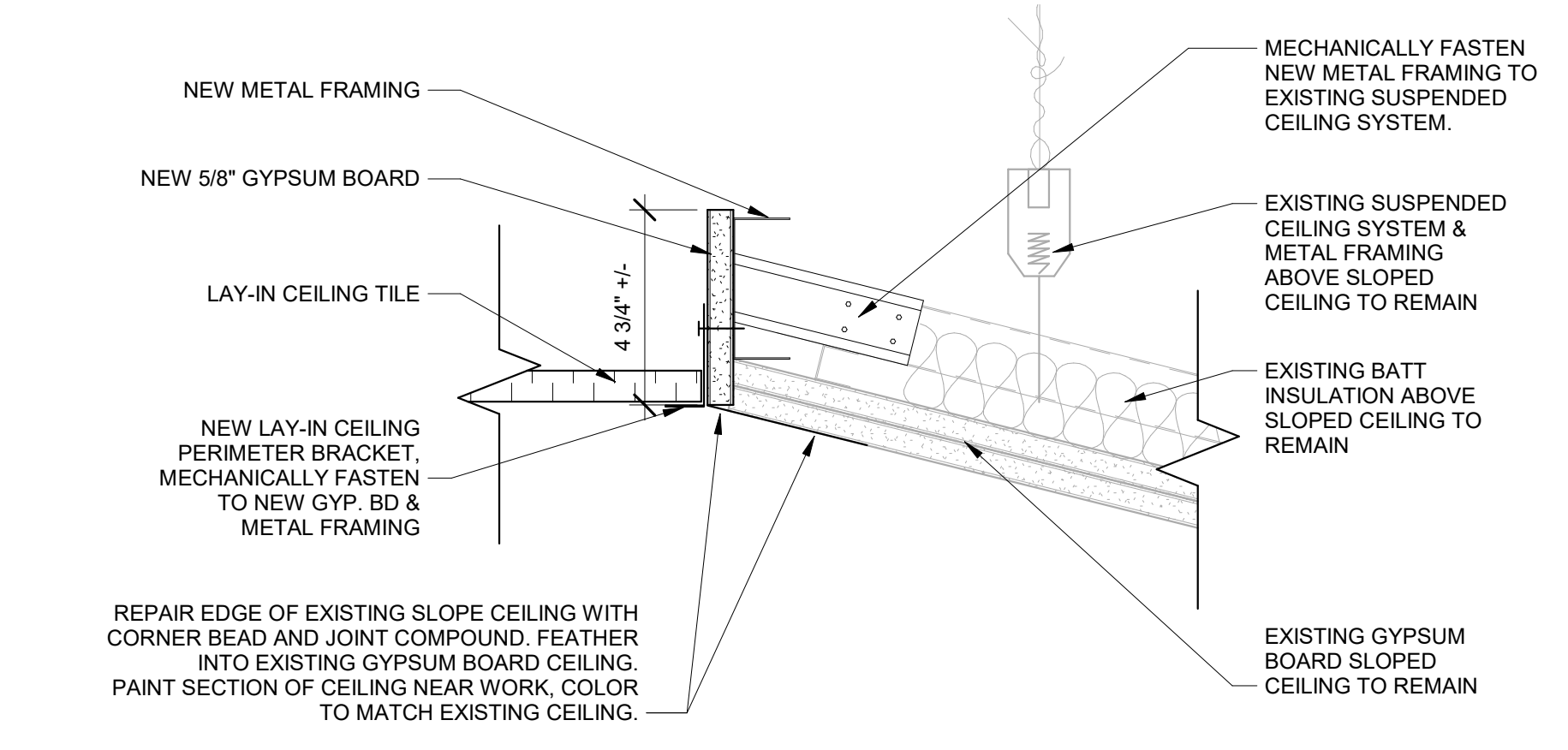
7 NEW CEILING TO EXISTING WALL
1 1/2" = 1'-0"



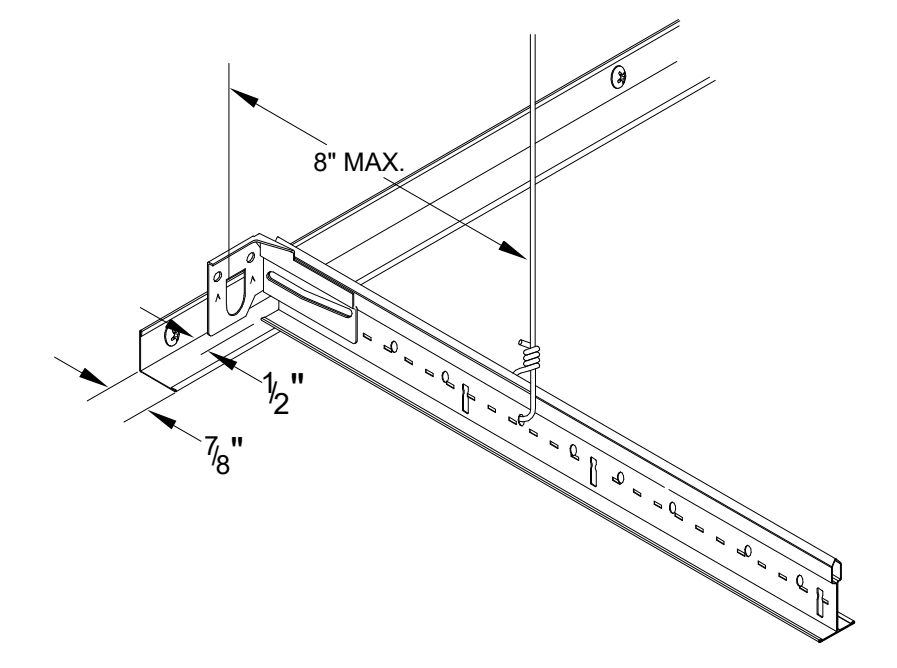
6 M3728 - SEISMIC BRACING
1" = 1'-0"



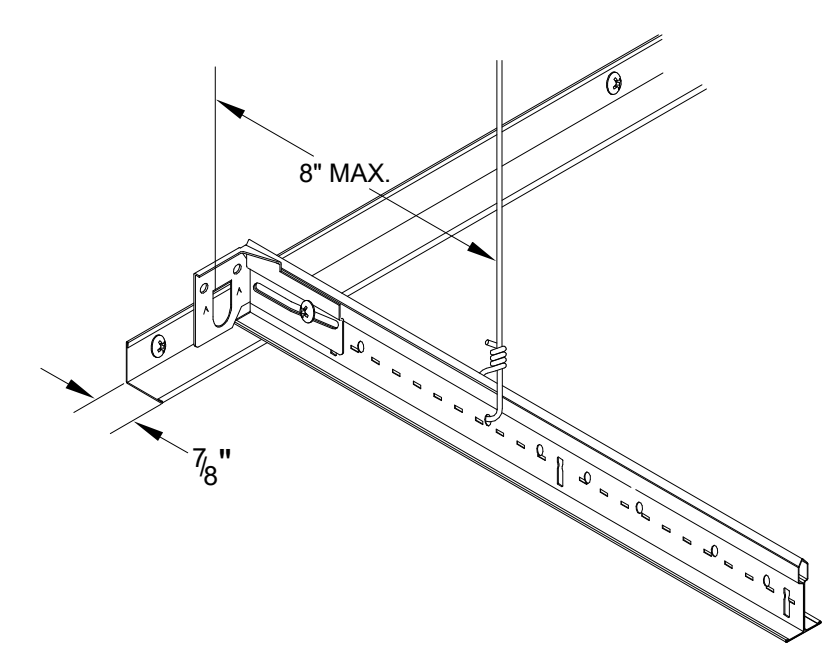
5 M3728 - SEISMIC BRACING LAYOUT
1" = 1'-0"



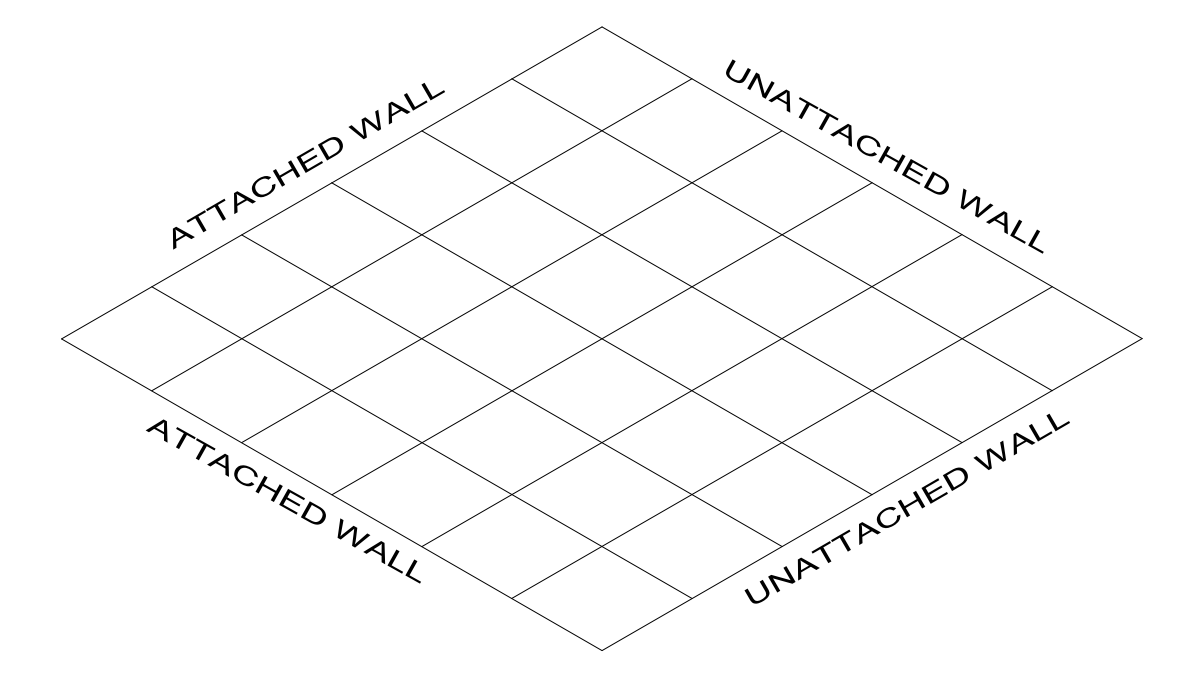
4 EXISTING TO NEW CEILING TRANSITION
3" = 1'-0"



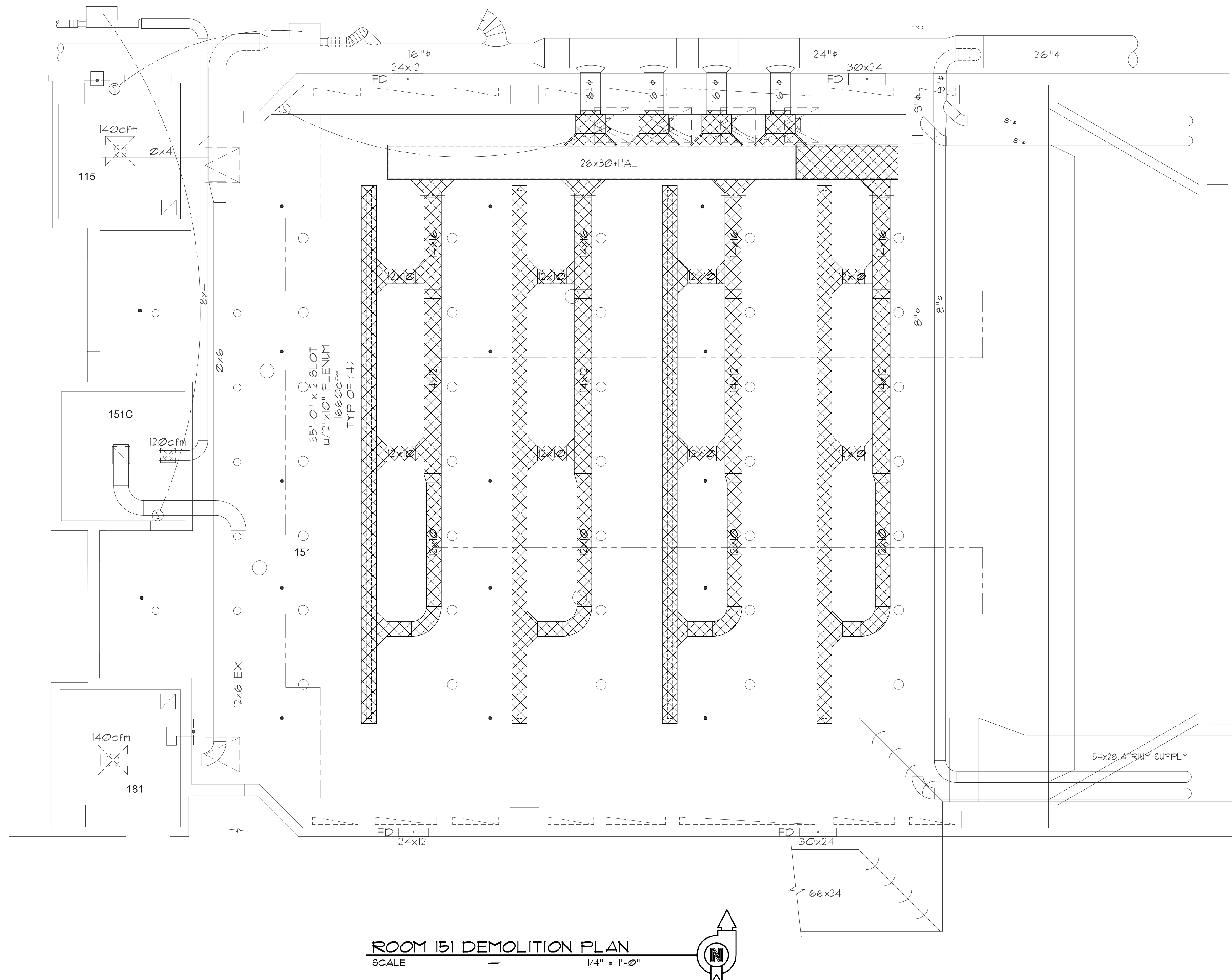
3 M3728 - PERIM. CLIP DET @ UNATCHD. WALL
1" = 1'-0"



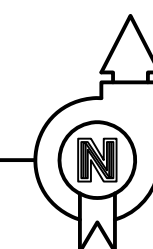
2 M3728 - PERIM. CLIP DET @ ATCHD. WALL
1" = 1'-0"



1 M3728 - PERIM. CLIP LAYOUT
1" = 1'-0"



ROOM 151 DEMOLITION PLAN
SCALE 1/4" = 1'-0"



KEYED REFERENCE NOTES

- ① DEMO ALL EXISTING DUCTWORK AND COMPONENTS SHOWN AS HATCHED. PATCH AND SEAL REMAINING DUCTWORK TO MAINTAIN A VIABLE AIR DISTRIBUTION SYSTEM.

GENERAL MECHANICAL NOTES

- INSULATE ALL NEW OR REPAIRED AND UNLINED SUPPLY AIR DUCTWORK WITH 1" THICK FIBERGLASS INSULATION w/ALUMINUM FOIL SCRIM KRAFT FACING AND A DENSITY OF 1 1/2 lb/ft³.
- COORDINATE ALL DIFFUSER LOCATIONS WITH LIGHTING LAYOUT.
- LAY OUT ALL DUCTWORK SUCH THAT DUCT RUN-OUTS OR DROPS TO DIFFUSERS ARE ALIGNED TO AVOID UNNECESSARY OFFSETS. USE FLEXIBLE DUCT ONLY WHERE HARD DUCTING IS NOT POSSIBLE. FLEXIBLE DUCT SHALL BE INSTALLED SUCH THAT THE CENTER LINE OF THE DIFFUSER NECK SHALL NOT BE OFFSET FROM THE CENTER LINE OF THE DUCT ELBOW BY MORE THAN ONE DUCT RADIUS. NO MORE THAN 24" MAXIMUM LENGTH OF FLEX DUCT AND NO FLEX DUCT ELBOWS ALLOWED.
- THE JOINTS AND SEAMS OF ALL SUPPLY AIR DUCTWORK SHALL BE SEALED. MASTIC SEALING COMPOUND SHALL BE DURODYNE S-2, 3M EC-150, IRON GRIP 601 or HARDCAST TWO-PART SYSTEM II.
- AIR BALANCE ALL DIFFUSERS AND VAV BOXES TO AIR VOLUMES NOTED ON PLANS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL DIFFUSERS, GRILLES, FIRE SPRINKLERS, etc.



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DATE: January 2024
DESIGNER: B. Holman
DRAWN BY: B. Holman

ADA CHECK:
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STRUCTURAL:
PLANNING DIR:

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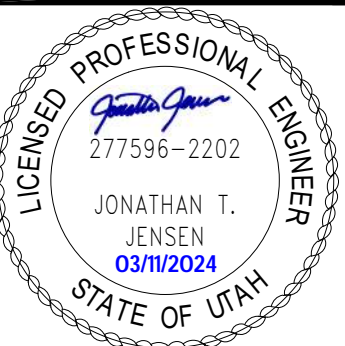
REVISIONS

NO.	DESCRIPTION

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MECHANICAL EQUIPMENT SCHEDULE

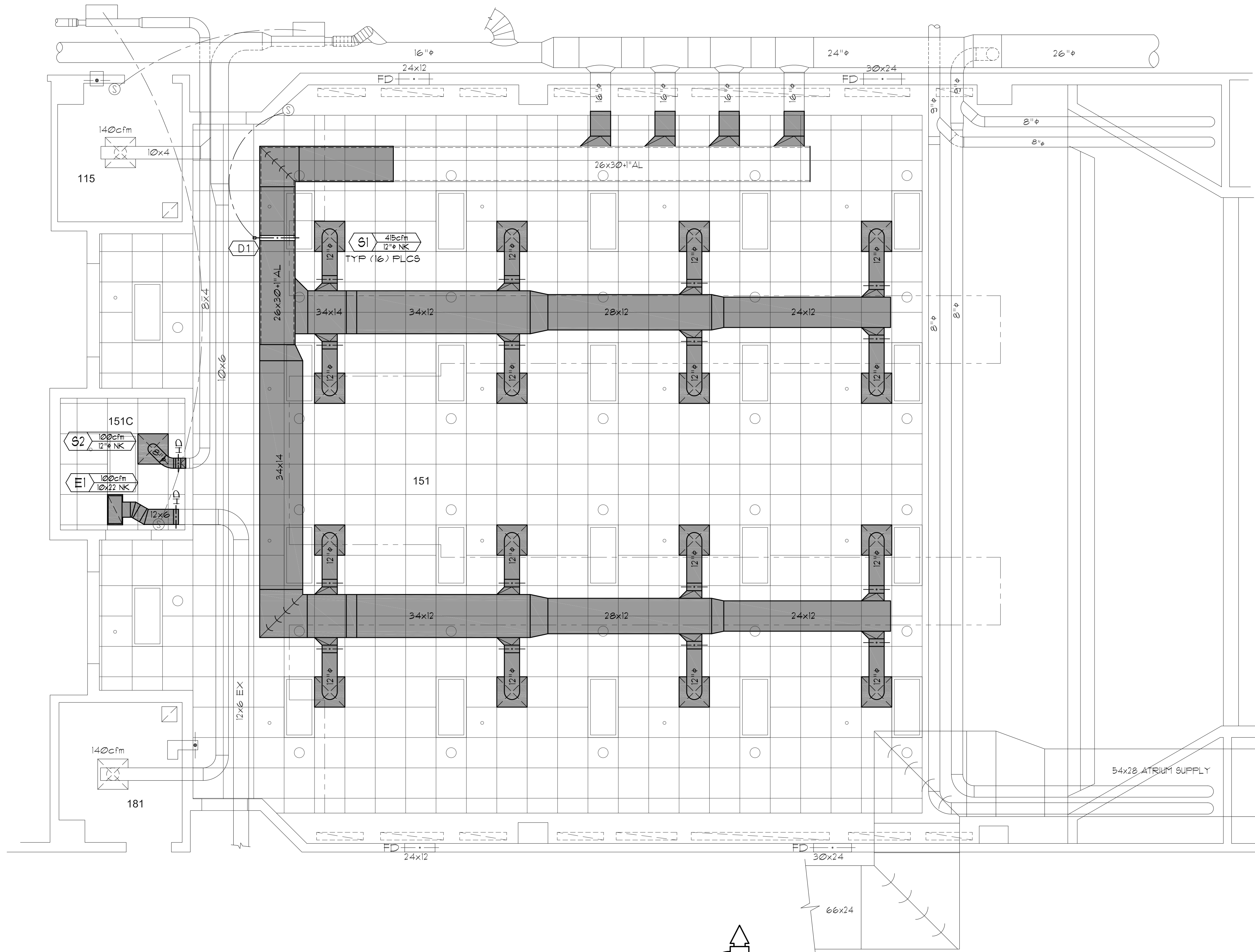
SYM	DESCRIPTION	MFG	CATALOG No.
(S1)	SQUARE SUPPLY DIFFUSER 24" x 24" SQUARE FACE, FRAME TYPE 3 FOR LAY-IN CEILING, ALL STEEL CONSTRUCTION, WHITE FINISH, ADJUSTABLE VERTICAL-TO-HORIZONTAL PATTERN CONTROL VANES - NECK SIZE AS PER DRAWINGS	TITUS or KRUEGER or PRICE	TMSA 1400A SCSA
(S2)	SQUARE SUPPLY DIFFUSER 24" x 24" SQUARE PLAQUE FACE, FRAME TYPE 3 FOR LAY-IN CEILING, ALL STEEL CONSTRUCTION, WHITE FINISH NECK SIZE AND DIFFUSER LOCATION AS PER DRAWINGS	TITUS or KRUEGER or PRICE	OMNI PLQ SPD
(E1)	EXHAUST GRILLE 1/2" x 1/2" x 1/2" ALUMINUM CORE, FRAME TYPE 3 FOR LAY-IN CEILING, ALUMINUM BORDER, OFF-WHITE FINISH, 24"x12" DIFFUSER SIZE, 20"x10" NECK SIZE	TITUS or KRUEGER or PRICE	50F EGCS 80 SERIES
(R1)	RETURN AIR GRILLE 24" x 24" or 12" x 24" FACE, FRAME TYPE 3 FOR LAY-IN CEILING, ALL STEEL CONSTRUCTION, WHITE FINISH - NECK SIZE AND GRILLE LOCATION AS PER THIS DRAWING SOUND BOOT DUCTBOARD CAN WITH BAFFLE - 22"x22" or 10"x22" TO MATCH GRILLE	TITUS or PRICE HERCULES INDUSTRIES	FAR FFRF SB2222 or SB2210
(D1)	VARIABLE CONTROL DAMPER 28"u x 32"u (TO FIT IN 26"x30" HIAL DUCT), OPPOSED BLADE, ALUMINUM CONSTRUCTION, LOW LEAKAGE, AIRFOIL BLADES w/SEALS	GREENHECK or RUSKIN or TAMCO	VCD 43 CD-50 SERIES 1000
(D2)	VARIABLE CONTROL DAMPER 28"u x 20"u (TO FIT IN 26"x16" HIAL DUCT), OPPOSED BLADE, ALUMINUM CONSTRUCTION, LOW LEAKAGE, AIRFOIL BLADES w/SEALS	GREENHECK or RUSKIN or TAMCO	VCD 43 CD-50 SERIES 1000
(S)	TEMPERATURE CONTROL EXISTING STAEFA SMART II	STAEFA	



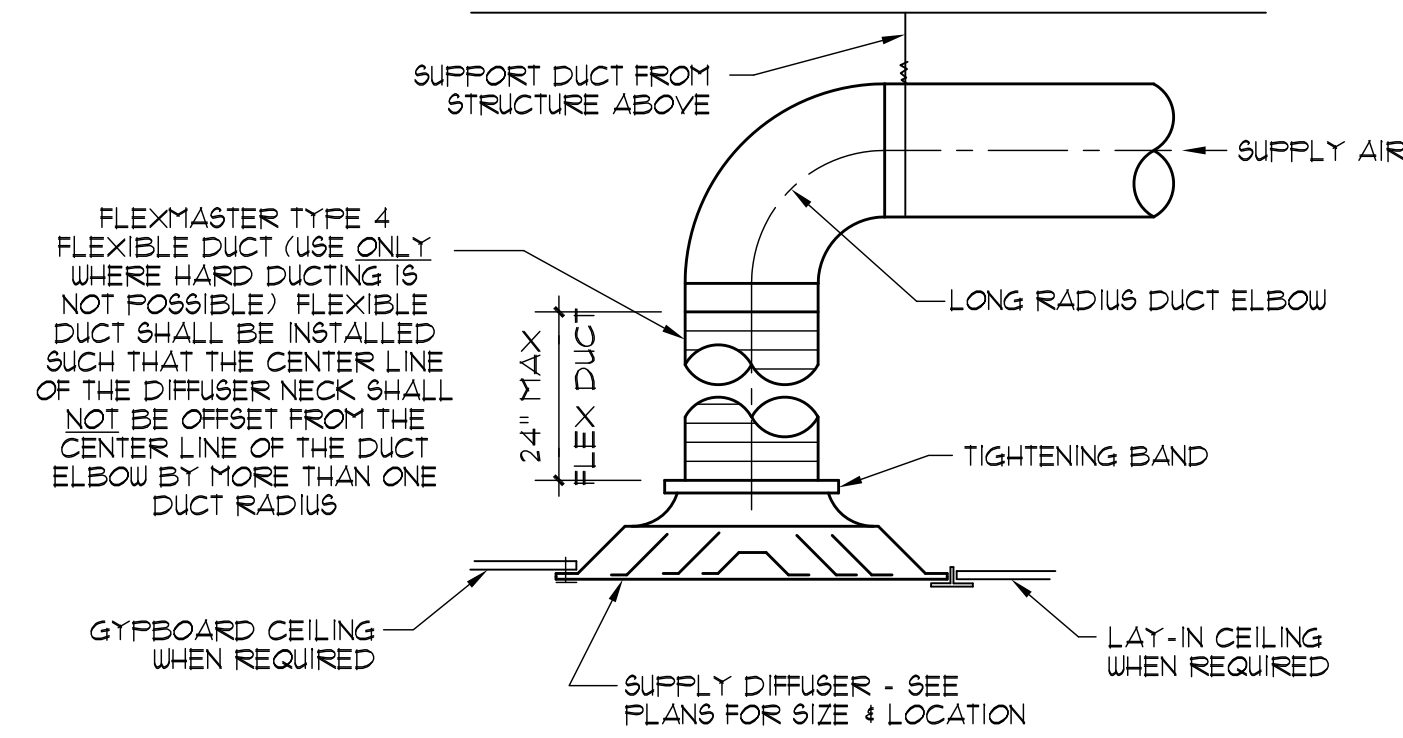
DEMOLITION PLAN AND DETAILS

WORK ORDER & SHEET NO.

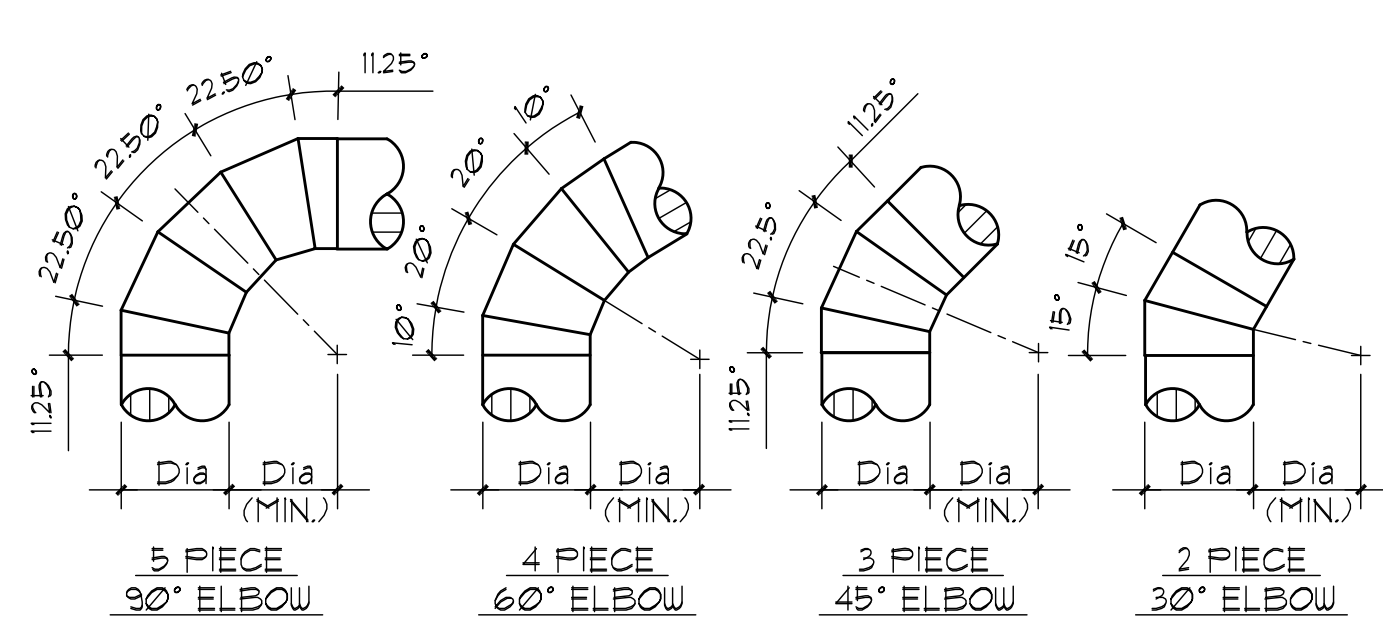
M3728
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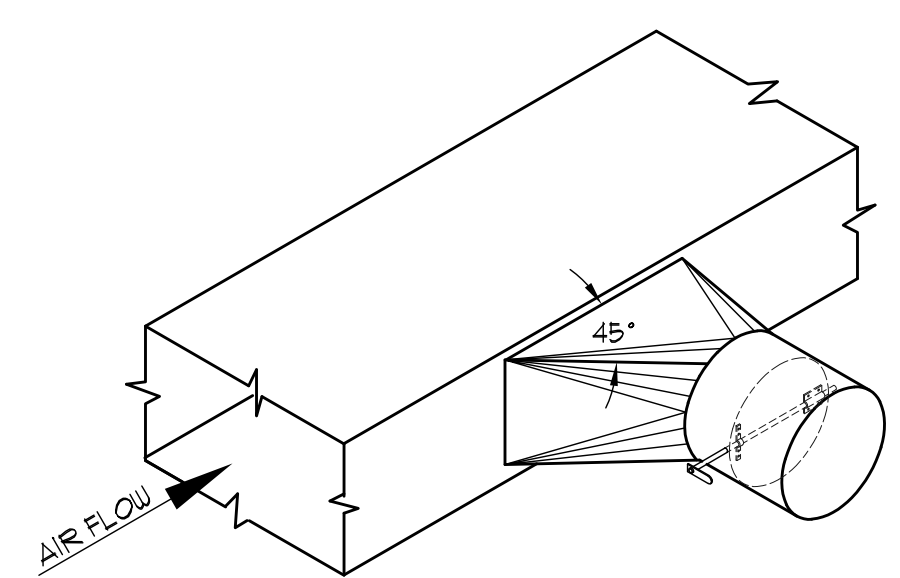
ROOM 151 NEW MECHANICAL PLAN
SCALE 1/4" = 1'-0"



ROUND NECK DIFFUSER CONN. DETAIL
SCALE NTS

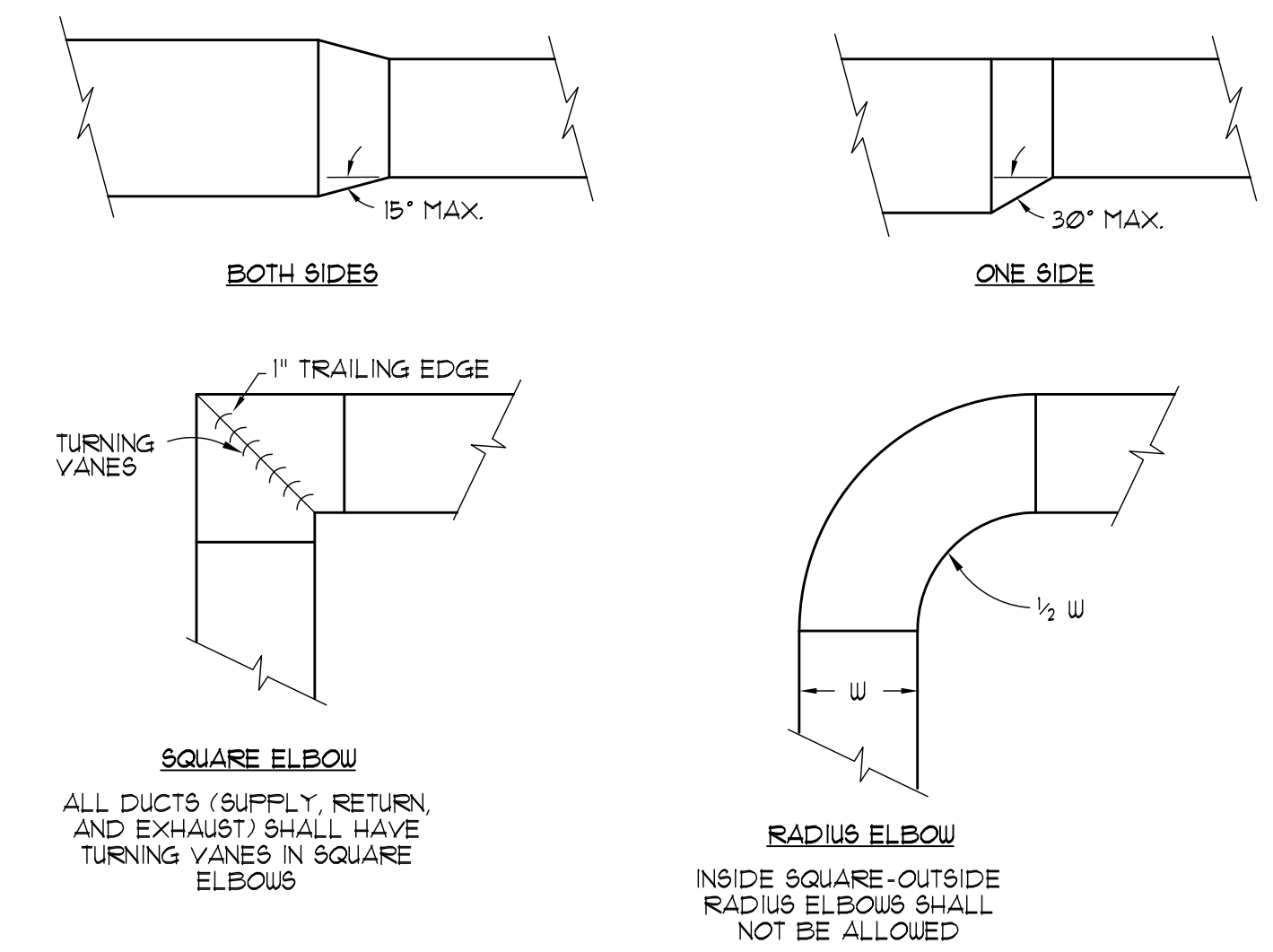


ROUND DUCT ELBOW DETAILS
SCALE NTS



HIGH EFFICIENCY TAKE-OFF w/DAMPER DETAIL
SCALE NTS

NOTE: TAKE-OFFS SHOULD NOT BE INSTALLED CLOSER THAN TWO DUCT WIDTHS TO ELBOWS OR INTERSECTIONS



RECTANGULAR DUCT FITTINGS
SCALE NTS

KEYED REFERENCE NOTES

- RELOCATE EXISTING STAEFA SENSORS TO NEW LOCATIONS AND CONNECT TO NEW OR RELOCATED KEYED EXISTING STAEFA PARTS AND SAVE FOR FUTURE USE.

GENERAL MECHANICAL NOTES

- INSULATE ALL NEW OR REPAIRED AND UNLINED SUPPLY AIR DUCTWORK WITH 1" THICK FIBERGLASS INSULATION w/ALUMINUM FOIL SCRIM KRAFT FACING AND A DENSITY OF 1 1/2 lb/ft³.
- COORDINATE ALL DIFFUSER LOCATIONS WITH LIGHTING LAYOUT.
- LAY OUT ALL DUCTWORK SUCH THAT DUCT RUN-OUTS OR DROPS TO DIFFUSERS ARE ALIGNED TO AVOID UNNECESSARY OFFSETS. USE FLEXIBLE DUCT ONLY WHERE HARD DUCTING IS NOT POSSIBLE. FLEXIBLE DUCT SHALL BE INSTALLED SUCH THAT THE CENTER LINE OF THE DIFFUSER NECK SHALL NOT BE OFFSET FROM THE CENTER LINE OF THE DUCT ELBOW BY MORE THAN ONE DUCT RADIUS, NO MORE THAN 24" MAXIMUM LENGTH OF FLEX DUCT AND NO FLEX DUCT ELBOWS ALLOWED.
- THE JOINTS AND SEAMS OF ALL SUPPLY AIR DUCTWORK SHALL BE SEALED. MASTIC SEALING COMPOUND SHALL BE DURODYNE 9-2, 3M EC-150, IRON GRIP 601 or HARDCAST TWO-PART SYSTEM II.
- AIR BALANCE ALL DIFFUSERS AND VAV BOXES TO AIR VOLUMES NOTED ON PLANS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL DIFFUSERS, GRILLES, FIRE SPRINKLERS, etc.



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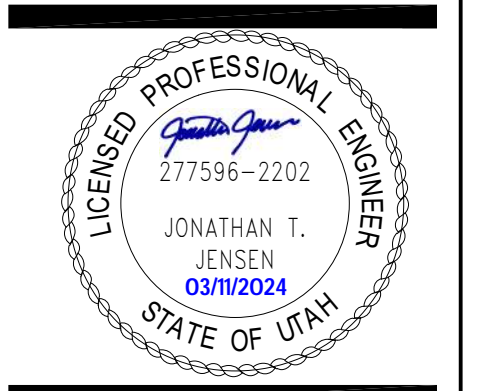
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DRAWN BY: B. Holman

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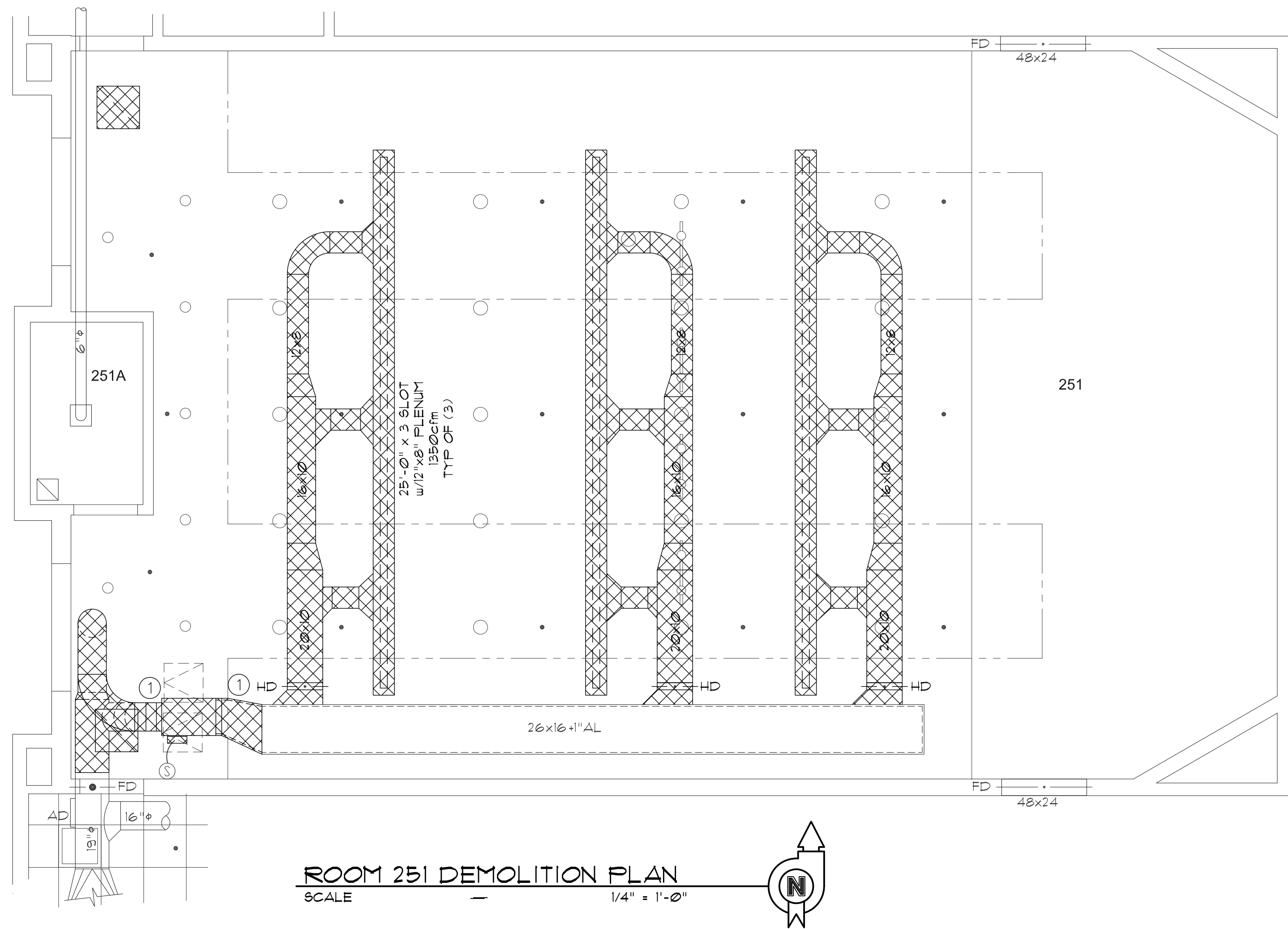
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PHYSICAL FACILITIES
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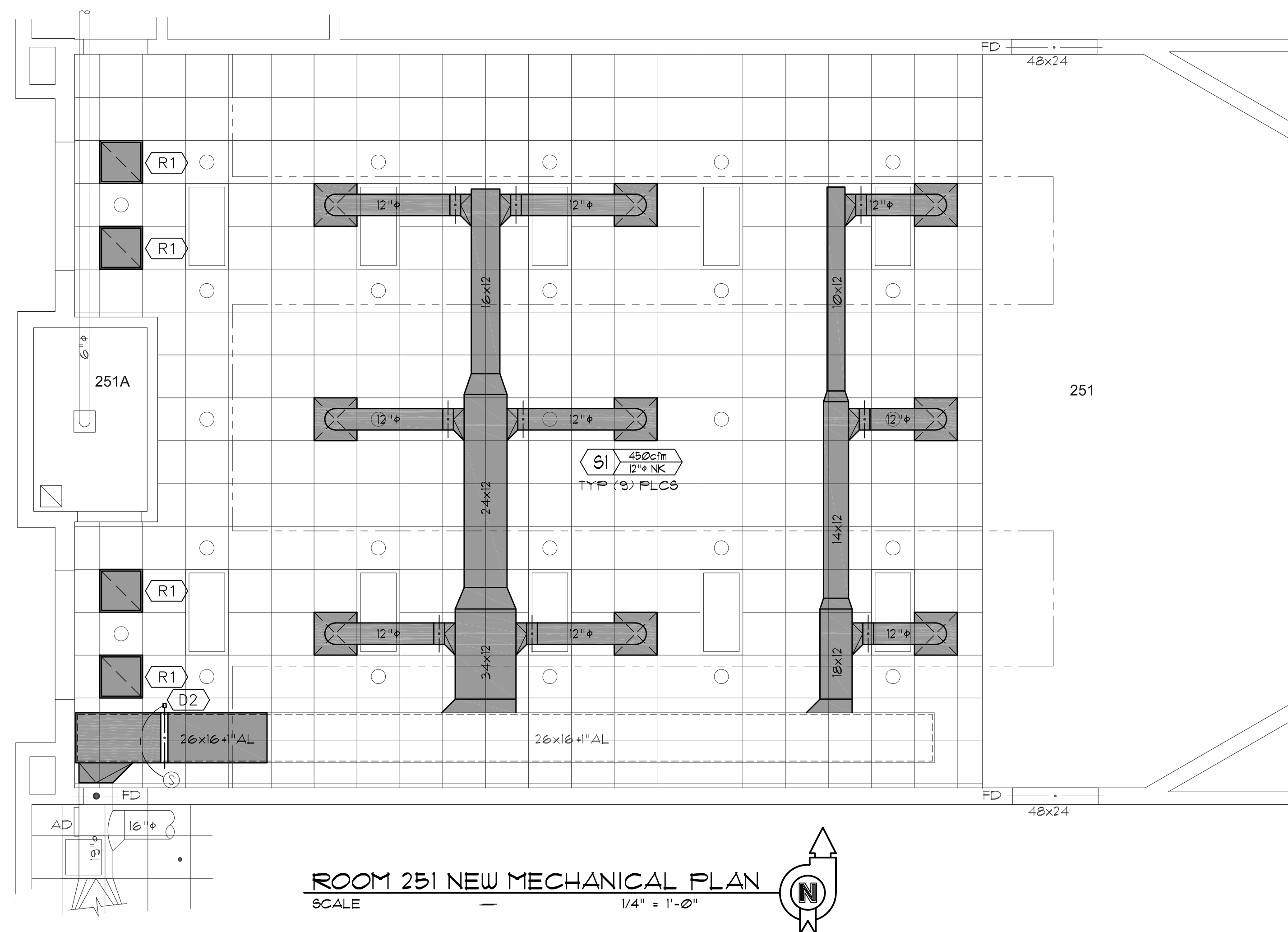
NEW MECHANICAL PLAN AND SCHEDULE

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CONSTRUCTION DOCS - SHOPS



ROOM 251 DEMOLITION PLAN
SCALE 1/4" = 1'-0"



ROOM 251 NEW MECHANICAL PLAN
SCALE 1/4" = 1'-0"

KEYED REFERENCE NOTES

1. STACKED 16"Ø INLET ANEMOSTAT VAV BOXES TRANSITIONED TO 26"x16" DUCT. DEMO VAV BOXES, TRANSITION, AND SUPPLY DUCTWORK SHOWN AS HATCHED.
2. DEMO ALL EXISTING DUCTWORK AND COMPONENTS SHOWN AS HATCHED. PATCH AND SEAL REMAINING DUCTWORK TO MAINTAIN A VIABLE AIR DISTRIBUTION SYSTEM.

GENERAL MECHANICAL NOTES

1. INSULATE ALL NEW OR REPAIRED AND UNLINED SUPPLY AIR DUCTWORK WITH 1" THICK FIBERGLASS INSULATION w/ALUMINUM FOIL SCRIM KRAFT FACING AND A DENSITY OF 1 1/2 lb/ft³.
2. COORDINATE ALL DIFFUSER LOCATIONS WITH LIGHTING LAYOUT.
3. LAY OUT ALL DUCTWORK SUCH THAT DUCT RUN-OUTS OR DROPS TO DIFFUSERS ARE ALIGNED TO AVOID UNNECESSARY OFFSETS. USE FLEXIBLE DUCT ONLY WHERE HARD DUCTING IS NOT POSSIBLE. FLEXIBLE DUCT SHALL BE INSTALLED SUCH THAT THE CENTER LINE OF THE DIFFUSER NECK SHALL NOT BE OFFSET FROM THE CENTER LINE OF THE DUCT ELBOW BY MORE THAN ONE DUCT RADIUS, NO MORE THAN 24" MAXIMUM LENGTH OF FLEX DUCT AND NO FLEX DUCT ELBOWS ALLOWED.
4. THE JOINTS AND SEAMS OF ALL SUPPLY AIR DUCTWORK SHALL BE SEALED. MASTIC SEALING COMPOUND SHALL BE DURODYNE 6-2, 3M EC-150, IRON GRIP 601 or HARDCAST TWO-PART SYSTEM II.
5. AIR BALANCE ALL DIFFUSERS AND VAV BOXES TO AIR VOLUMES NOTED ON PLANS.
6. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL DIFFUSERS, GRILLES, FIRE SPRINKLERS, etc.



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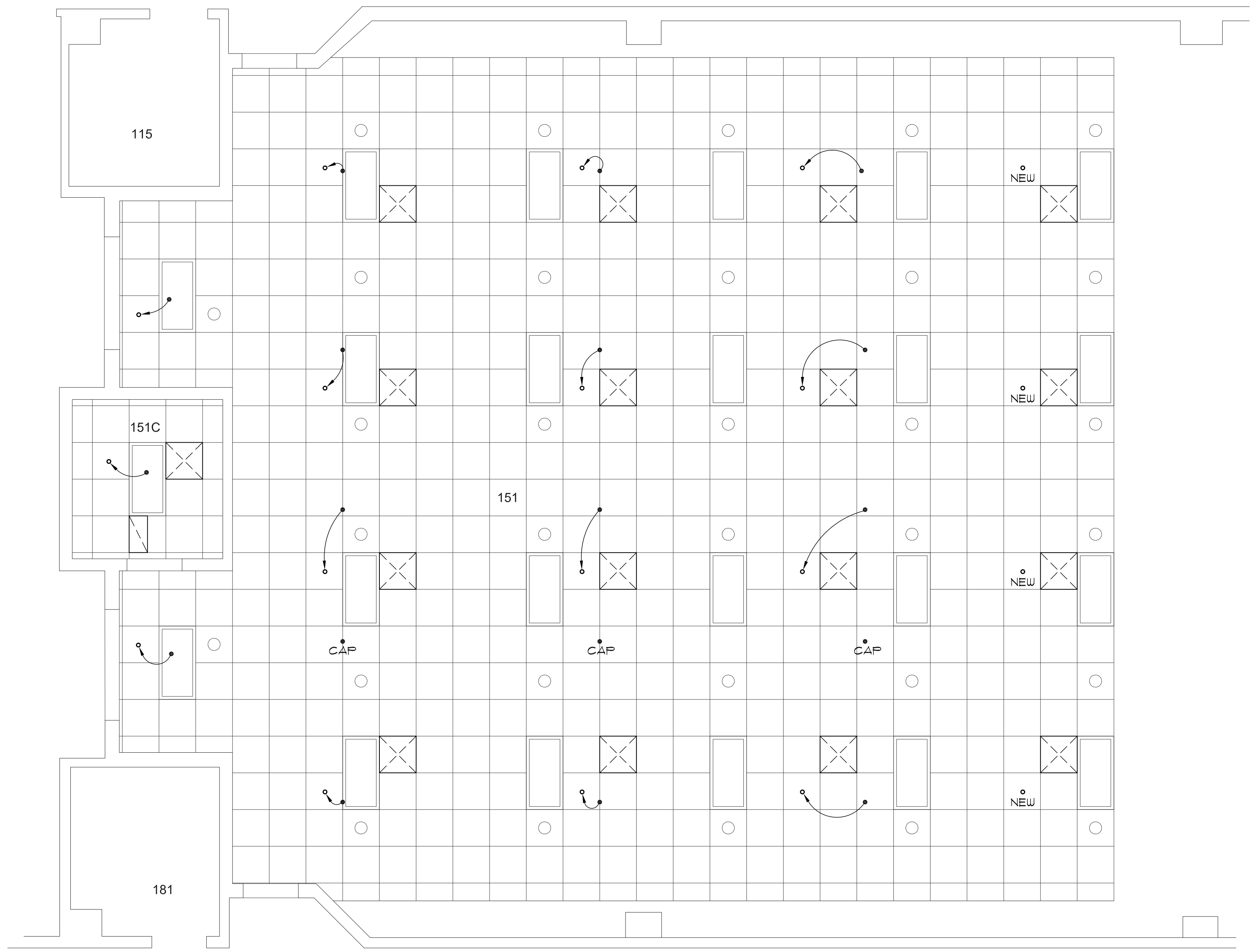


**DEMOLITION & NEW
MECHANICAL PLANS
AND SCHEDULES**

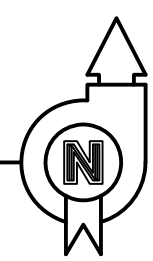
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M1.3**

CONSTRUCTION DOCS - SHOPS



ROOM 151 FIRE SPRINKLING PLAN
SCALE — 1/4" = 1'-0"

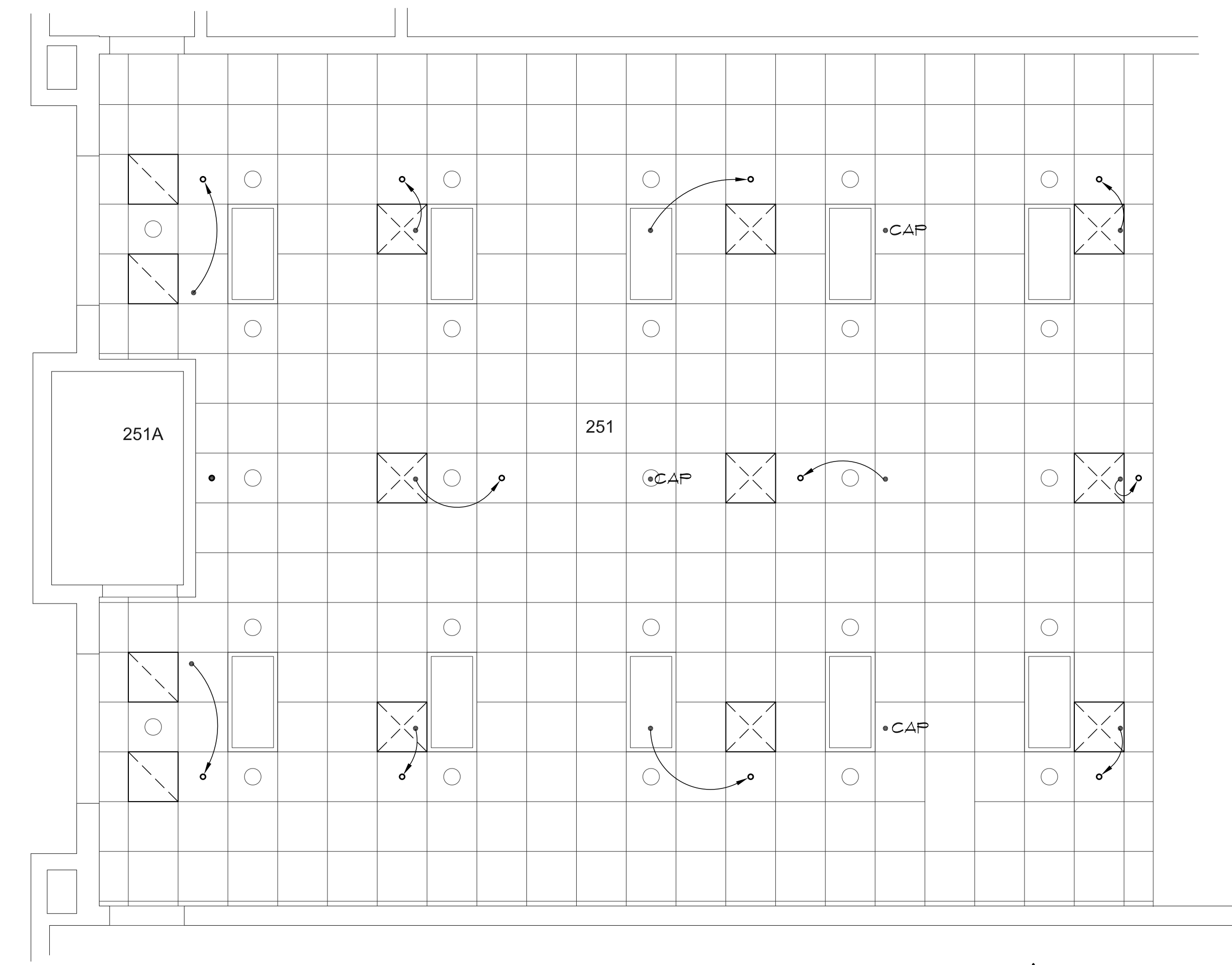


FIRE SPRINKLING NOTES

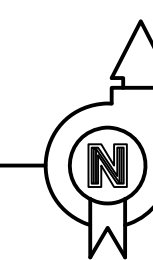
1. FIRE SPRINKLING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND FAMILIARIZE THEMSELVES WITH THE INTENT OF THE NEW FIRE SPRINKLING INSTALLATION PRIOR TO SUBMITTING A BID ON THIS PROJECT.
2. INSTALL NEW FIRE SPRINKLER HEADS, AS CLOSE AS POSSIBLE, IN LOCATIONS SHOWN.
3. ALL NEW SPRINKLER HEADS INSTALLED IN CEILING SHALL BE VICTAULIC CONCEALED TYPE MODEL V38. COORDINATE EXACT LOCATIONS OF ALL NEW HEADS WITH STRUCTURE, HVAC PIPING, DUCTWORK, LIGHTING, ELECTRICAL CONDUITS, etc. INSTALL ALL NEW SPRINKLER HEADS IN CENTER OF GRID IN LAY-IN CEILING UNLESS OTHERWISE APPROVED.
5. FIRE SPRINKLING TECHNICIAN SHALL INVESTIGATE EXISTING CONDITIONS AND PIPE INSTALLATION AND DESIGN NEW FIRE SPRINKLING SYSTEM ACCORDING TO THE NFPA NATIONAL FIRE CODE, ORDINARY HAZARD PIPE SCHEDULE. CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL COMPONENTS AND PROVIDE HYDRAULIC CALCULATIONS PRIOR TO INSTALLATION.
6. UPGRADE SEISMIC BRACING OF ANY NEW OR MODIFIED SPRINKLER PIPING AS PER MOST RECENTLY ADOPTED VERSION OF NFPA NATIONAL FIRE CODE.

FIRE SPRINKLING LEGEND

- EXISTING SPRINKLER HEAD
- RELOCATED, RECESSED HEAD



ROOM 251 FIRE SPRINKLING PLAN
SCALE — 1/4" = 1'-0"



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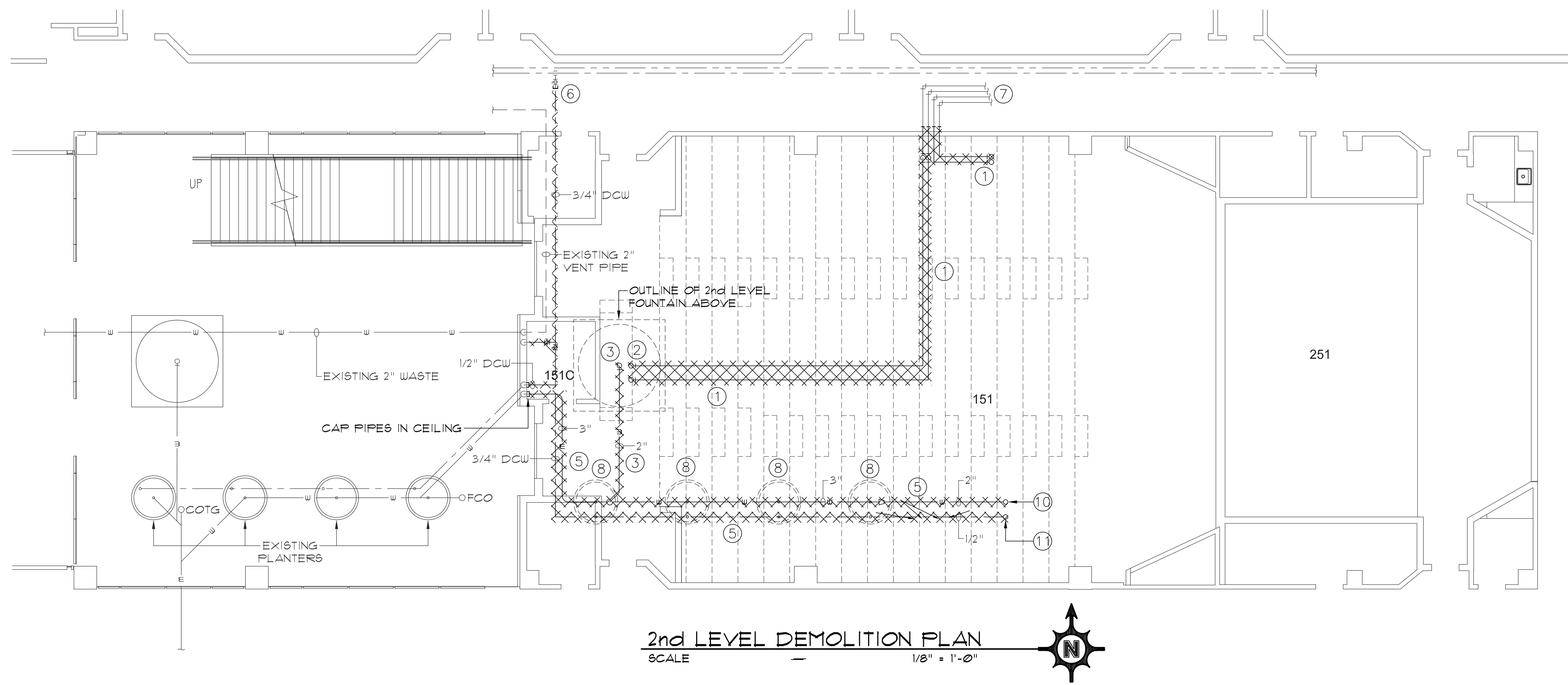


NEW 1st & 2nd LEVEL FIRE SPRINKLING PLANS

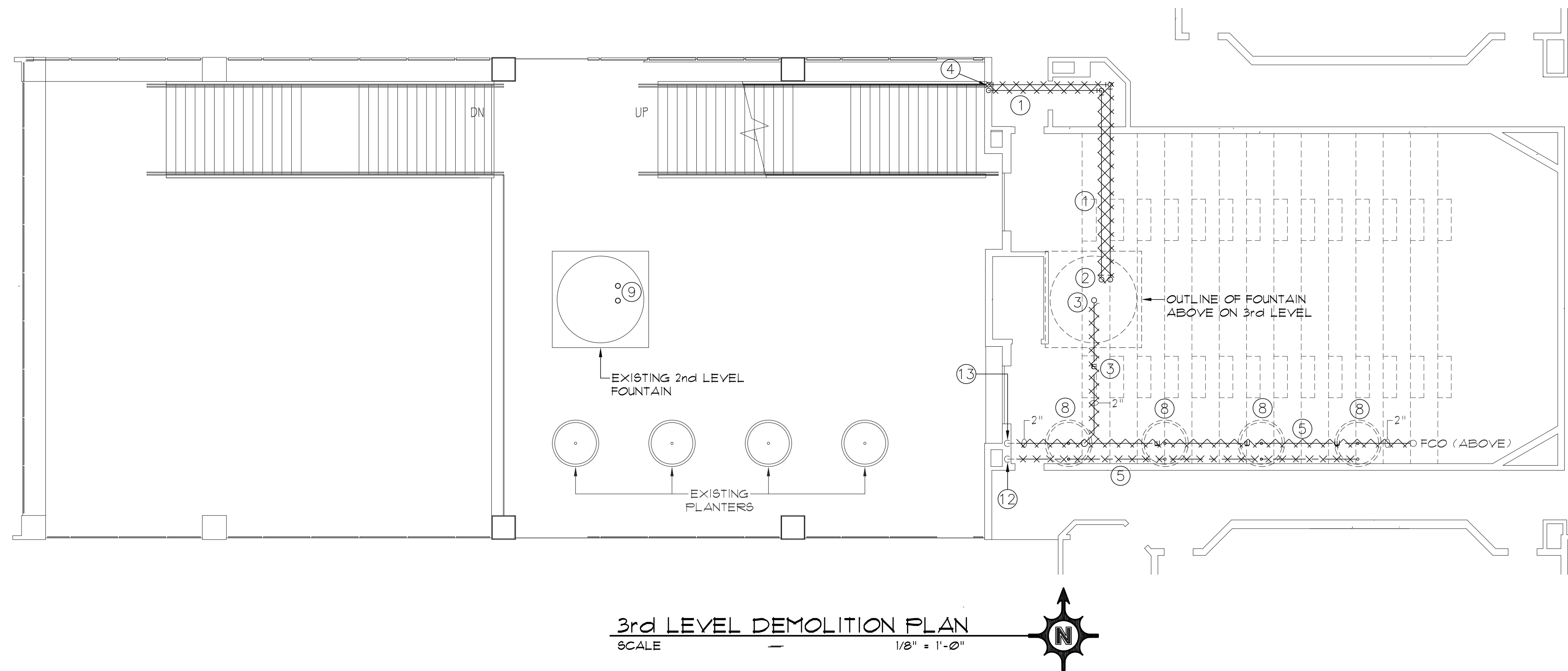
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M3728
M2.1

CONSTRUCTION DOCS - SHOPS



2nd LEVEL DEMOLITION PLAN
SCALE 1/8" = 1'-0"



3rd LEVEL DEMOLITION PLAN
SCALE 1/8" = 1'-0"

KEYED PLUMBING NOTES

- ① DEMO EXISTING FOUNTAIN SUPPLY/RETURN PIPING LOCATED IN CEILING SPACE PREPARATORY FOR NEW IN SAME LOCATION, IF ADDITIVE ALTERNATE IS ACCEPTED. FIELD VERIFY ROUTING OF EXISTING PIPING.
- ② REMOVE EXISTING FOUNTAIN SUPPLY/RETURN PIPING UP THRU FLOOR SLAB AND IN FOUNTAIN, ON FLOOR ABOVE, COMPLETE.
- ③ DEMO EXISTING FOUNTAIN OVERFLOW DRAIN FROM FOUNTAIN TO CONNECTION OF EXISTING DRAIN PIPING MAIN. FIELD VERIFY LOCATION OF DRAIN IN FOUNTAIN AND ROUTING OF EXISTING PIPING AFTER CEILING HAS BEEN REMOVED.
- ④ DEMO EXISTING 1 1/2" FOUNTAIN SUPPLY/RETURN PIPING UP IN WALL FROM 2nd LEVEL CEILING. FIELD VERIFY EXACT RISE LOCATION.
- ⑤ DEMO EXISTING 2" CAST IRON OVERFLOW DRAIN PIPING AND 1/2" GALVANIZED STEEL DCW PIPING, SERVING PLANTERS ON LEVEL ABOVE, COMPLETE.
- ⑥ DEMO SECTION OF EXISTING COPPER 3/4" DCW PIPE DOWNSTREAM OF EXISTING VALVE AND CAP PIPE AT VALVE.
- ⑦ EXISTING PLASTIC FOUNTAIN SUPPLY/RETURN PIPING IN CEILING SPACE OF HALLWAY BACK TO MECHANICAL ROOM.
- ⑧ CUT OFF DRAIN PIPE TO EACH PLANTER IN CEILING SPACE OF AUDITORIUM, FILL WITH EXPANDING SPRAY FOAM FROM BELOW, AND INSTALL CAP ON BOTTOM OF PIPE. TYPICAL ALL PLANTERS ON 2nd AND 3rd LEVELS.
- ⑨ REMOVE EXISTING FOUNTAIN SUPPLY/RETURN PIPING IN FOUNTAIN DOWN THRU FLOOR SLAB BELOW FOUNTAIN.
- ⑩ 2" CI WASTE DROP FROM 2nd LEVEL CEILING.
- ⑪ 1/2" GALV DCW RISER TO 2nd LEVEL CEILING.
- ⑫ ABANDON 1/2" GALV DCW RISER, IN WALL, INTO 2nd LEVEL CEILING.
- ⑬ 2" CI WASTE DROP TO 1st LEVEL CEILING TO REMAIN & BE RE-USED.



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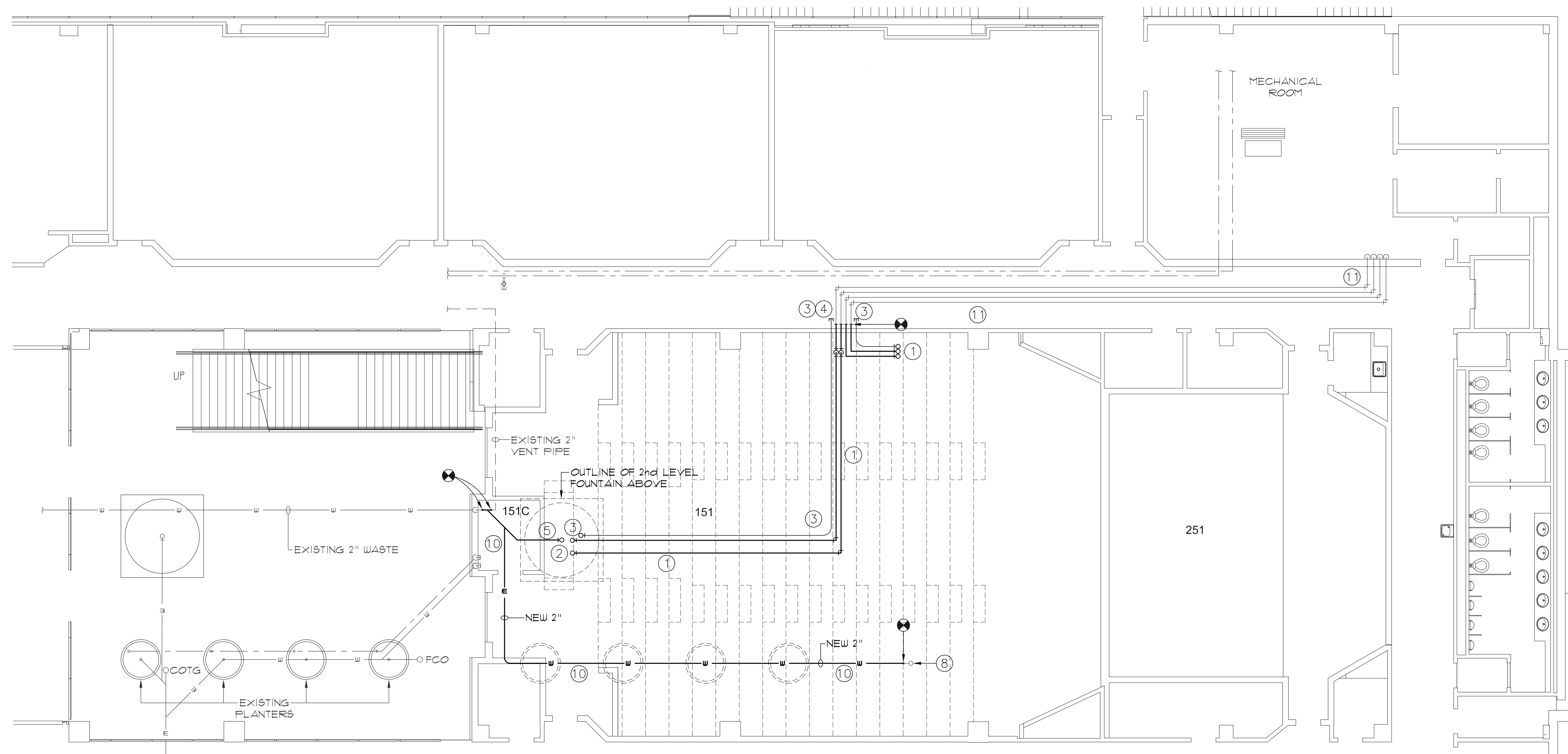


2nd & 3rd LEVEL
PLUMBING
DEMOLITION PLANS

WORK ORDER & SHEET NO.

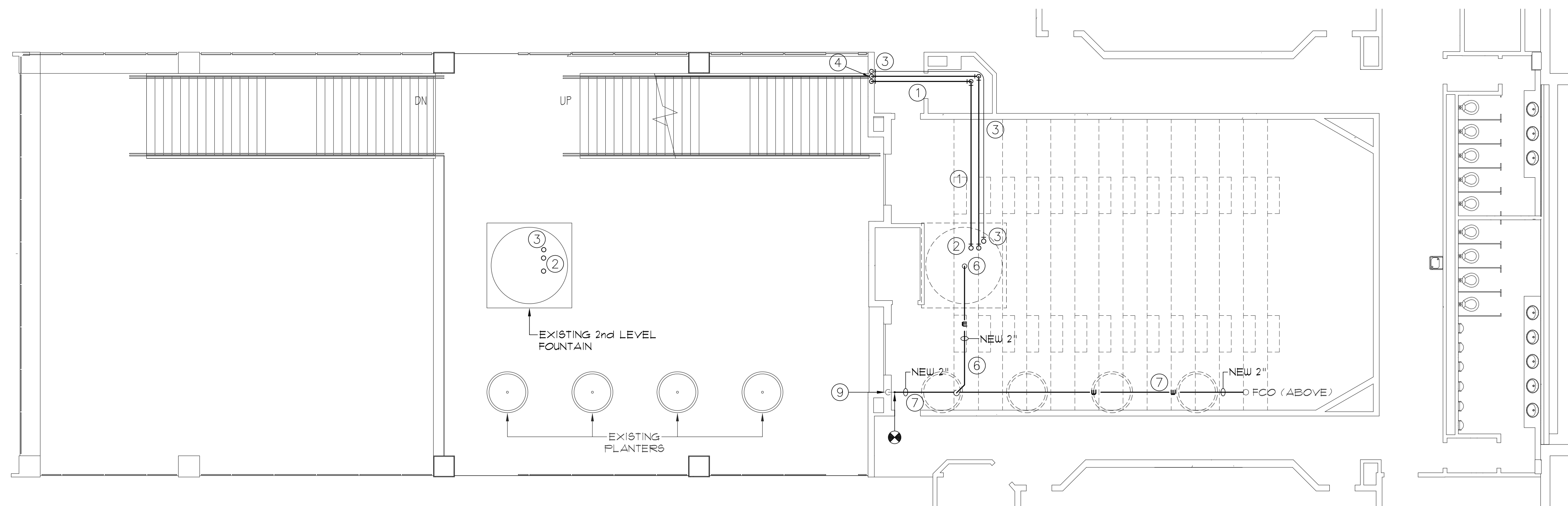
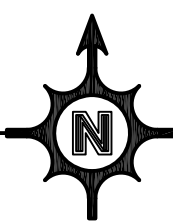
M3728
P1.1

CONSTRUCTION DOCS - SHOPS



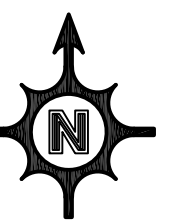
2nd LEVEL PLUMBING PLAN
SCALE 1/8" = 1'-0"

ALTERNATE 1



3rd LEVEL PLUMBING PLAN
SCALE 1/8" = 1'-0"

ALTERNATE 1



KEYED PLUMBING NOTES

- ① FURNISH & INSTALL NEW 2" SCHEDULE 40 PVC FOUNTAIN SUPPLY/RETURN PIPING TO REPLACE EXISTING MATCH EXISTING ROUTING AND RE-USE EXISTING HANGERS. FIELD VERIFY EXACT ROUTING OF EXISTING PIPING.
- ② RISE NEW 2" SCHEDULE 40 PVC FOUNTAIN SUPPLY/RETURN PIPING UP THROUGH FLOOR TO FOUNTAIN ABOVE. FIELD VERIFY EXACT RISE LOCATION.
- ③ FURNISH & INSTALL A 3/4" CONDUIT FROM FOUNTAIN TO CORRIDOR. ROUTE PARALLEL WITH NEW FOUNTAIN PIPING AS SHOWN. CAP CONDUIT IN CORRIDOR CEILING SPACE FOR FUTURE EXTENSION.
- ④ CONNECT NEW 2" FOUNTAIN SUPPLY / RETURN PIPING TO EXISTING IN CEILING SPACE OF CORRIDOR. FIELD VERIFY WHICH PIPE IS SUPPLY AND RETURN AND MARK TO ENSURE PROPER CONNECTION WITH NEW PIPING TO FOUNTAIN.
- ⑤ NEW 2" WASTE PIPING FROM FOUNTAIN OVERFLOW DRAIN, ON LEVEL ABOVE, TO EXISTING 2" WASTE VENT FROM ABANDONED SINK IN NORTHWEST CORNER OF ROOM 151C. FIELD VERIFY LOCATION OF OVERFLOW DRAIN PIPE IN CEILING OF 151 AND VENT PIPING IN CEILING OF ROOM 151C. INSTALL TRAP AT DRAIN.
- ⑥ NEW 2" WASTE PIPING FROM FOUNTAIN OVERFLOW DRAIN, ON LEVEL ABOVE, TO NEW 2" WASTE PIPING IN CEILING OF 251. INSTALL TRAP AT DRAIN.
- ⑦ INSTALL NEW 2" WASTE PIPING IN CEILING OF 251 FROM EXISTING FLOOR CLEAN OUT TO EXISTING DROP IN WALL. RE-USE EXISTING HANGERS.
- ⑧ 2" CI WASTE DROP FROM 2nd LEVEL CEILING.
- ⑨ 2" CI WASTE DROP TO 1st LEVEL CEILING.
- ⑩ INSTALL NEW 2" WASTE PIPING IN CEILING OF 151 FROM EXISTING EXISTING DROP FROM CEILING ABOVE TO ROOM 151C. RE-USE EXISTING HANGERS.
- ⑪ EXISTING PLASTIC FOUNTAIN SUPPLY/RETURN PIPING IN CEILING SPACE OF HALLWAY BACK TO MECHANICAL ROOM.



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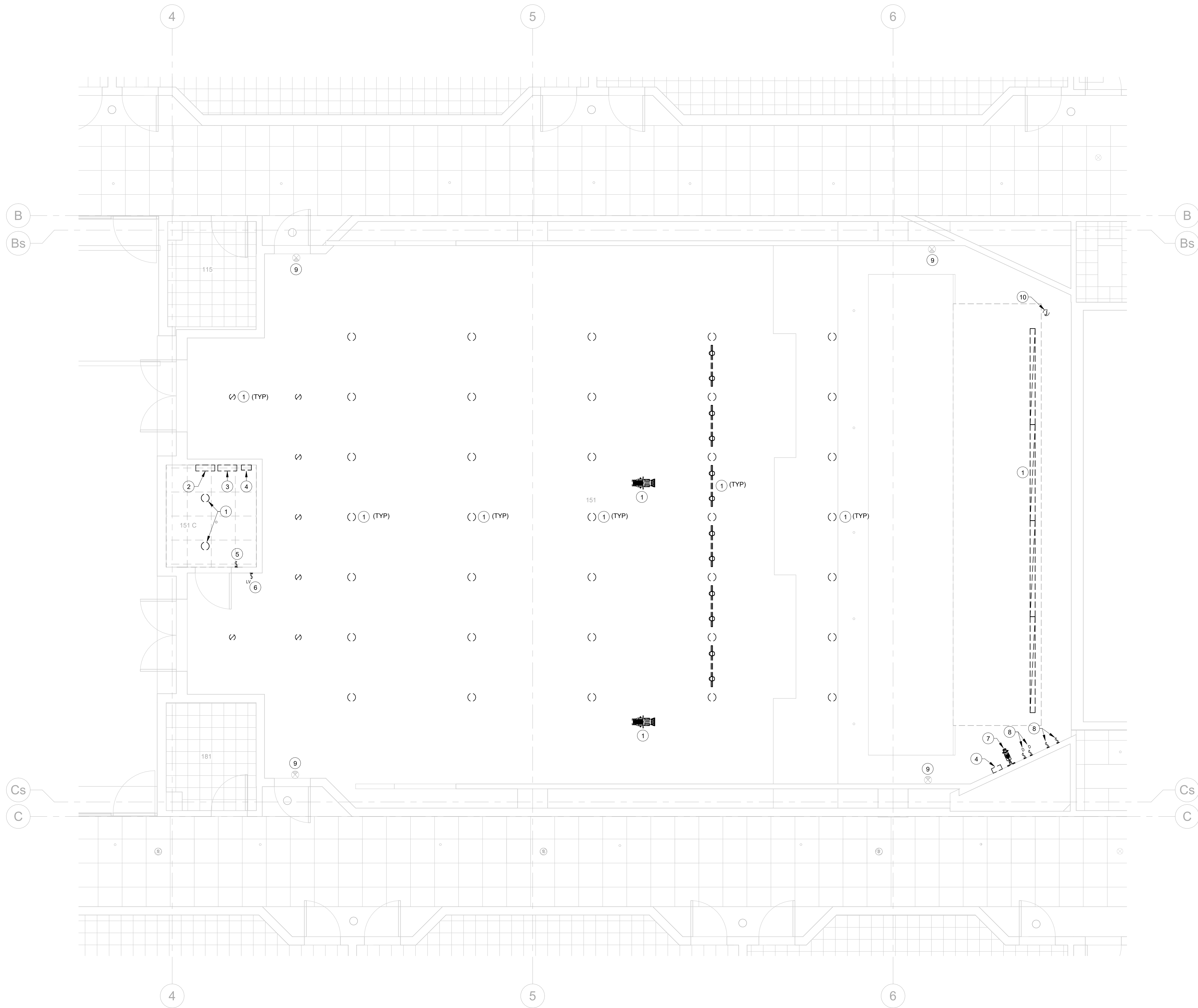


2nd & 3rd LEVEL
ALTERNATE 1
PLUMBING PLANS

WORK ORDER & SHEET NO.

M3728
P1.2

CONSTRUCTION DOCS - SHOPS



REFERENCE NOTES

- 1 DEMOLISH EXISTING LUMINAIRE AND ASSOCIATED ABANDONED CIRCUITING COMPLETE.
- 2 DEMOLISH EXISTING BATTERY BACKUP SYSTEM AND ASSOCIATED LUMINAIRES AND ABANDONED CIRCUITING COMPLETE.
- 3 DEMOLISH EXISTING DIMMER SYSTEM AND ASSOCIATED ABANDONED CIRCUITING.
- 4 DEMOLISH EXISTING LIGHTING CONTROL STATION AND REPLACE WITH NEW TOUCH PANEL CONTROL STATION.
- 5 REPLACE EXISTING SWITCH WITH NEW OCCUPANCY SENSOR SWITCH.
- 6 DEMOLISH EXISTING LOW VOLTAGE SWITCH AND REPLACE WITH NEW ENTRY STATION SWITCH.
- 7 DEMOLISH EXISTING PIN SPOT AND REPLACE WITH NEW LUMINAIRE TYPE.
- 8 DEMOLISH EXISTING SWITCH AND ASSOCIATED ABANDONED CIRCUITING COMPLETE. INSTALL BLANK STAINLESS COVER OVER EXISTING BACKBOX.
- 9 EXISTING EXIT SIGN TO REMAIN.
- 10 DISCONNECT POWER TO EXISTING PROJECTION SCREEN IN PREPARATION FOR SCREEN RELOCATION. RELOCATE POWER FEED TO NEW LOCATION. RECONNECT SCREEN AS REQUIRED. INSTALL NEW PROJECTION SCREEN CONTROLS AT TECH PODIUM AND BOOTH.



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**LEVEL 1
 DEMOLITION
 LIGHTING PLAN**

WORK ORDER & SHEET NO.

**M3728
 E1.1**

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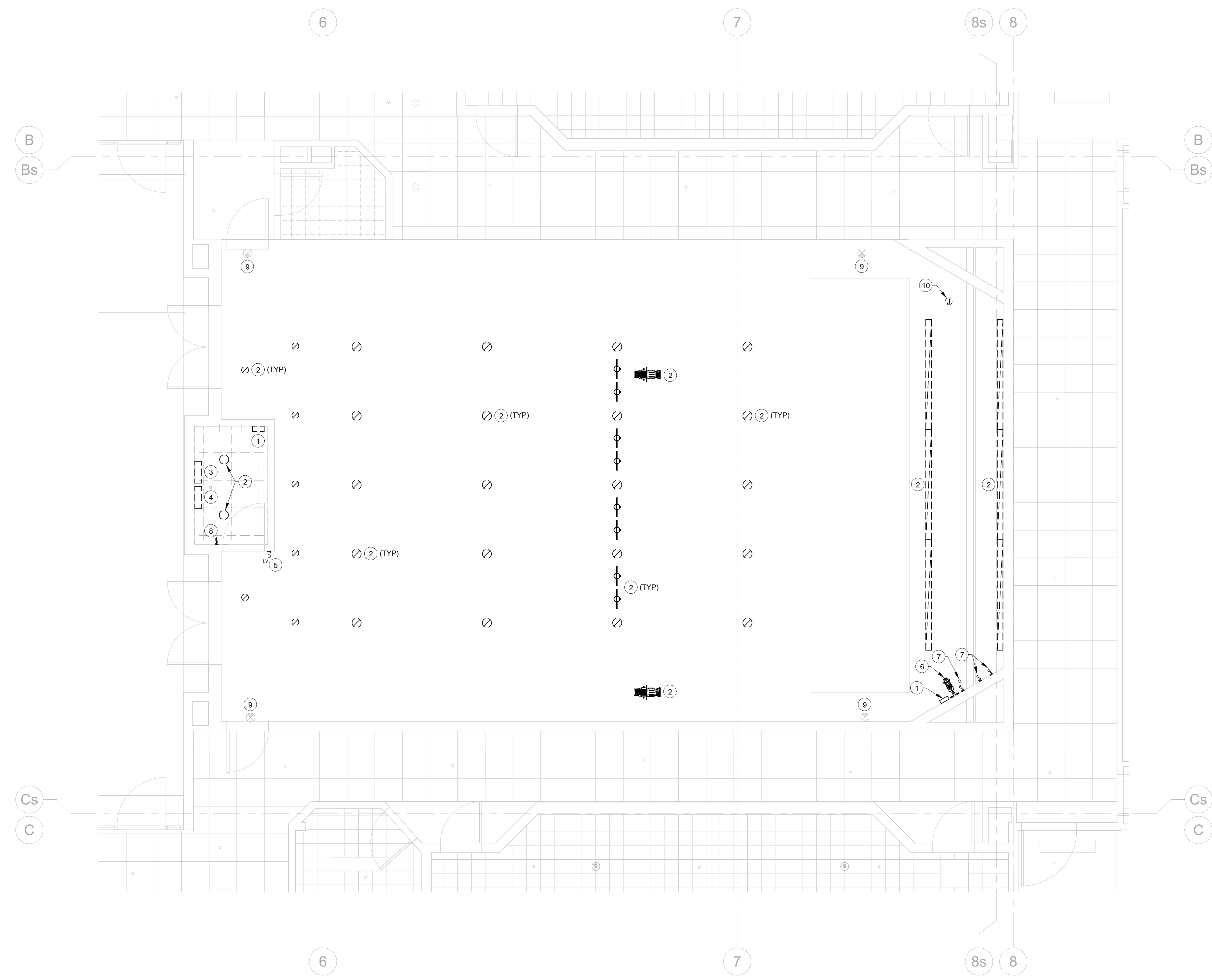
LEVEL 2
 DEMOLITION
 LIGHTING PLAN

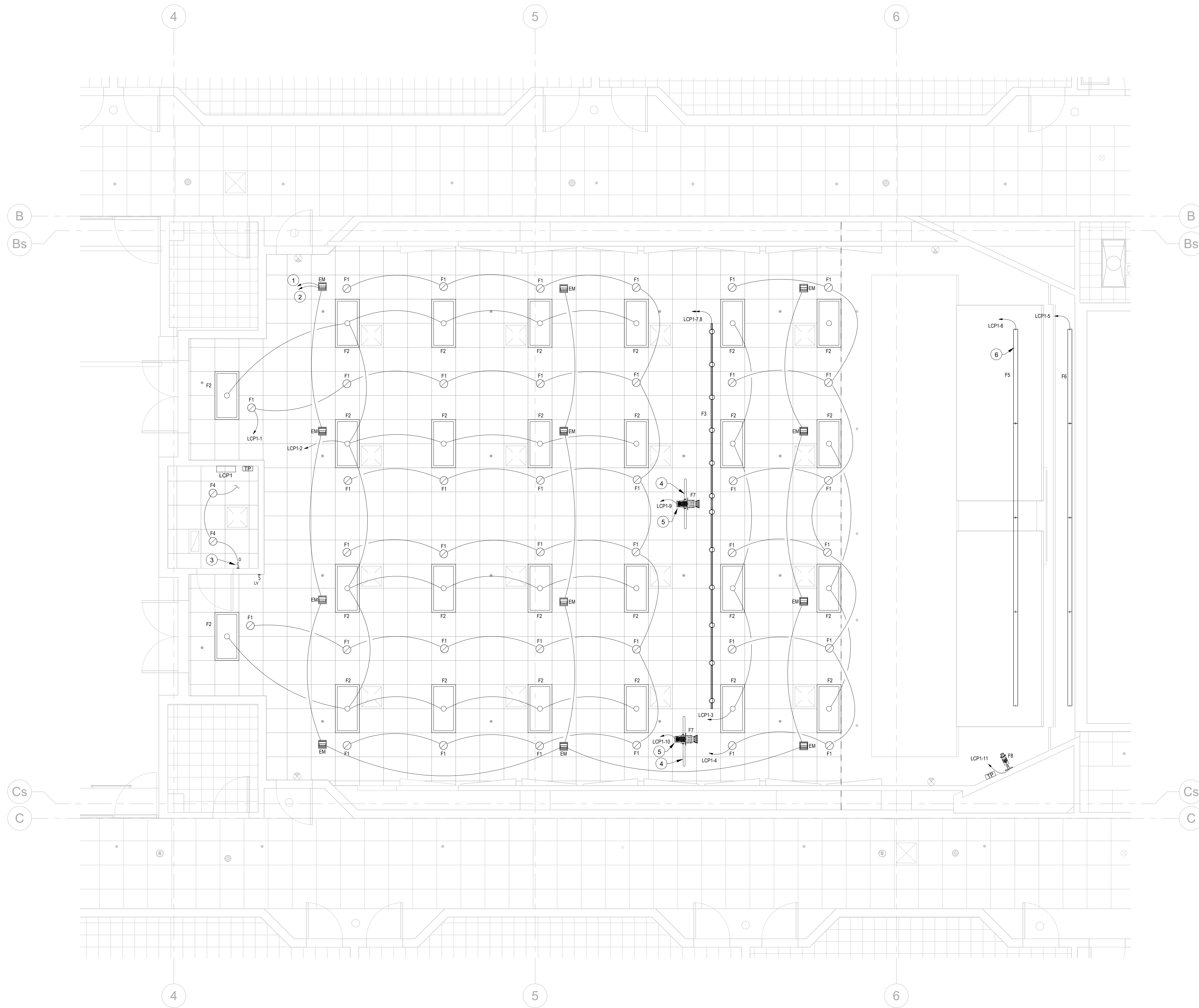
WORK ORDER & SHEET NO.

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E1.2

REFERENCE NOTES

- 1 DEMOLISH EXISTING LIGHTING CONTROL STATION AND REPLACE WITH NEW TOUCH PANEL CONTROL STATION.
- 2 DEMOLISH EXISTING LUMINAIRE AND ASSOCIATED ABANDONED CIRCUITING COMPLETE.
- 3 DEMOLISH EXISTING DIMMER SYSTEM AND ASSOCIATED ABANDONED CIRCUITING.
- 4 DEMOLISH EXISTING BATTERY BACKUP SYSTEM AND ASSOCIATED LUMINAIRES AND ABANDONED CIRCUITING COMPLETE.
- 5 DEMOLISH EXISTING LOW VOLTAGE SWITCH AND REPLACE WITH NEW ENTRY STATION SWITCH.
- 6 DEMOLISH EXISTING PIN SPOT AND REPLACE WITH NEW LUMINAIRE TYPE.
- 7 DEMOLISH EXISTING SWITCH AND ASSOCIATED ABANDONED CIRCUITING COMPLETE. INSTALL BLANK STAINLESS COVER OVER EXISTING BACKBOX.
- 8 REPLACE EXISTING SWITCH WITH NEW OCCUPANCY SENSOR SWITCH.
- 9 EXISTING EXIT SIGN TO REMAIN.
- 10 DISCONNECT POWER TO EXISTING PROJECTION SCREEN IN PREPARATION FOR SCREEN RELOCATION. RELOCATE POWER FEED TO NEW LOCATION. RECONNECT SCREEN AS REQUIRED. INSTALL NEW PROJECTION SCREEN CONTROLS AT TECH PODIUM AND BOOTH.





REFERENCE NOTES

- 1 CONNECT TO NEAREST EXISTING UNSWITCHED 277V LIGHTING CIRCUIT VIA 3/4"C W/(2)#12, #12 GND.
- 2 CONNECT TO ROOM EXIT SIGN CIRCUIT VIA 3/4"C W/(2)#12, #12 GND.
- 3 SEE SINGLE-POLE SWITCH WIRING DETAIL FOR INSTALLATION REQUIREMENTS.
- 4 INSTALL "1-1/2"x48" SCHED 40 ANODIZED FIXTURE MOUNTING BAR. MOUNT SO HORIZONTAL BAR IS 12" BELOW CEILING TILE. VERTICAL SUPPORT BARS SHALL BE SUFFICIENT LENGTH TO SOLIDLY FASTEN TO CEILING STRUCTURE ABOVE. BAR FINISH SHALL BE WHITE."
- 5 PROVIDE TWISTLOCK RECEPTACLE & CORD CAP TO CONNECT FIXTURE TO INDICATED CIRCUIT.
- 6 COORDINATE LOCATION OF LUMINAIRE WITH FINAL SCREEN LOCATION. MAINTAIN 24" BETWEEN SCREEN AND LUMINAIRE.



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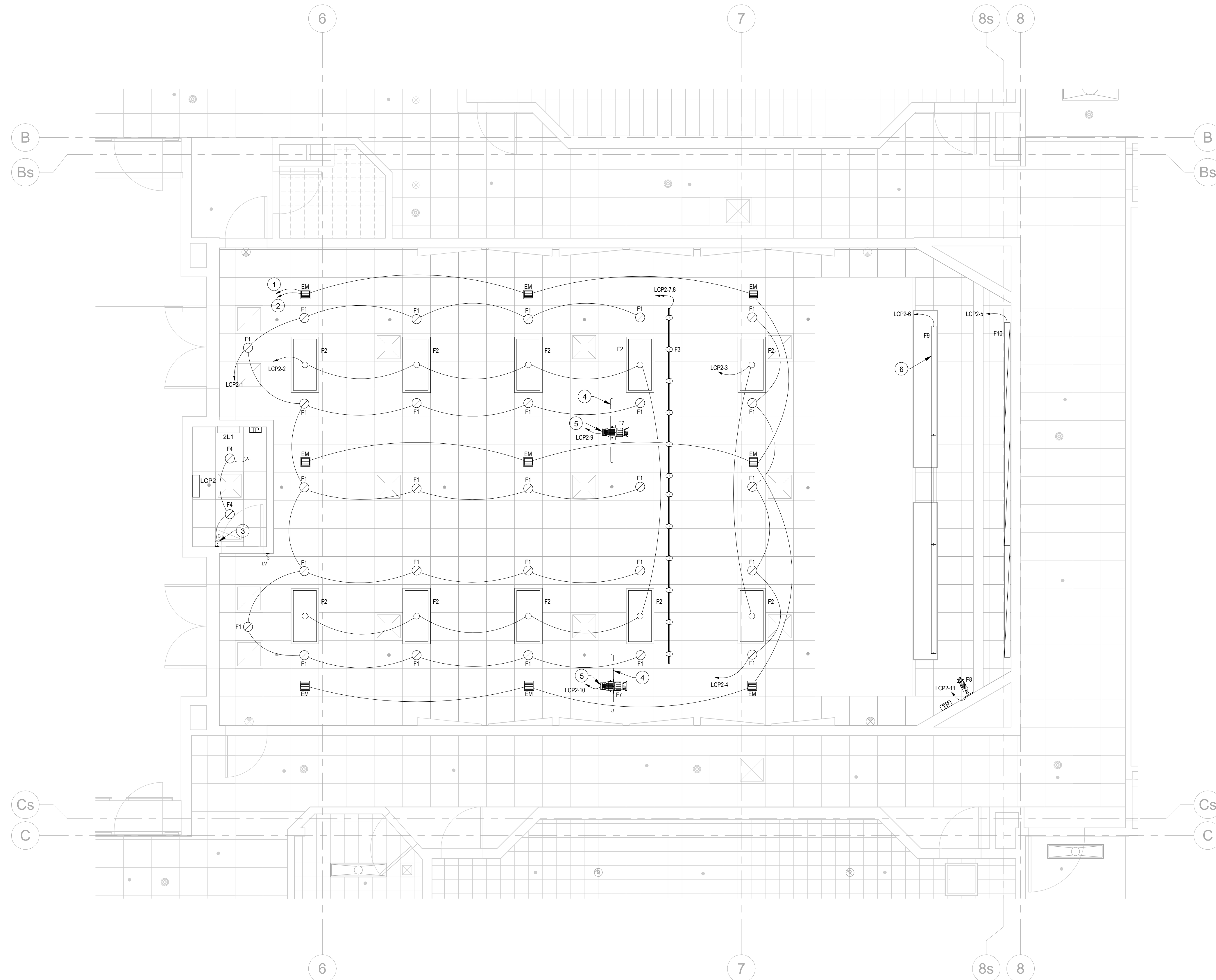


LEVEL 1 LIGHTING PLAN

WORK ORDER & SHEET NO.

M3728
E2.1

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REFERENCE NOTES

- 1 CONNECT TO ROOM EXIT SIGN CIRCUIT VIA 3/4"C W/(2)#12, #12 GND.
- 2 CONNECT TO NEAREST EXISTING UNSWITCHED 277V LIGHTING CIRCUIT VIA 3/4"C W/(2)#12, #12 GND.
- 3 SEE SINGLE-POLE SWITCH WIRING DETAIL FOR INSTALLATION REQUIREMENTS.
- 4 INSTALL "1-1/2"X48" SCHED 40 ANODIZED FIXTURE MOUNTING BAR. MOUNT SO HORIZONTAL BAR IS 12" BELOW CEILING TILE. VERTICAL SUPPORT BARS SHALL BE SUFFICIENT LENGTH TO SOLIDLY FASTEN TO CEILING STRUCTURE ABOVE. BAR FINISH SHALL BE WHITE."
- 5 PROVIDE TWISTLOCK RECEPTACLE & CORD CAP TO CONNECT FIXTURE TO INDICATED CIRCUIT.
- 6 COORDINATE LOCATION OF LUMINAIRE WITH FINAL SCREEN LOCATION. MAINTAIN 24" BETWEEN SCREEN AND LUMINAIRE.



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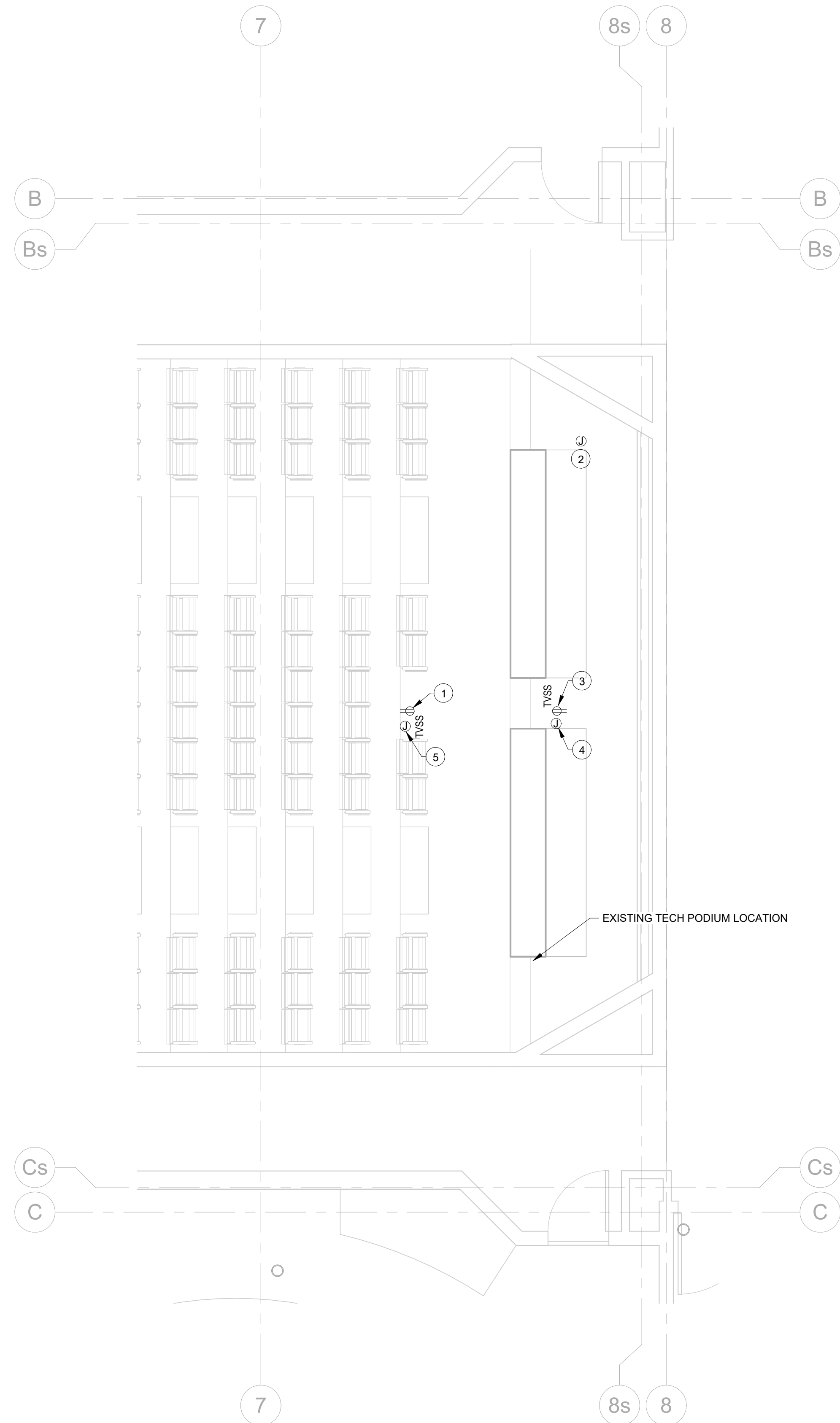


LEVEL 2 LIGHTING PLAN

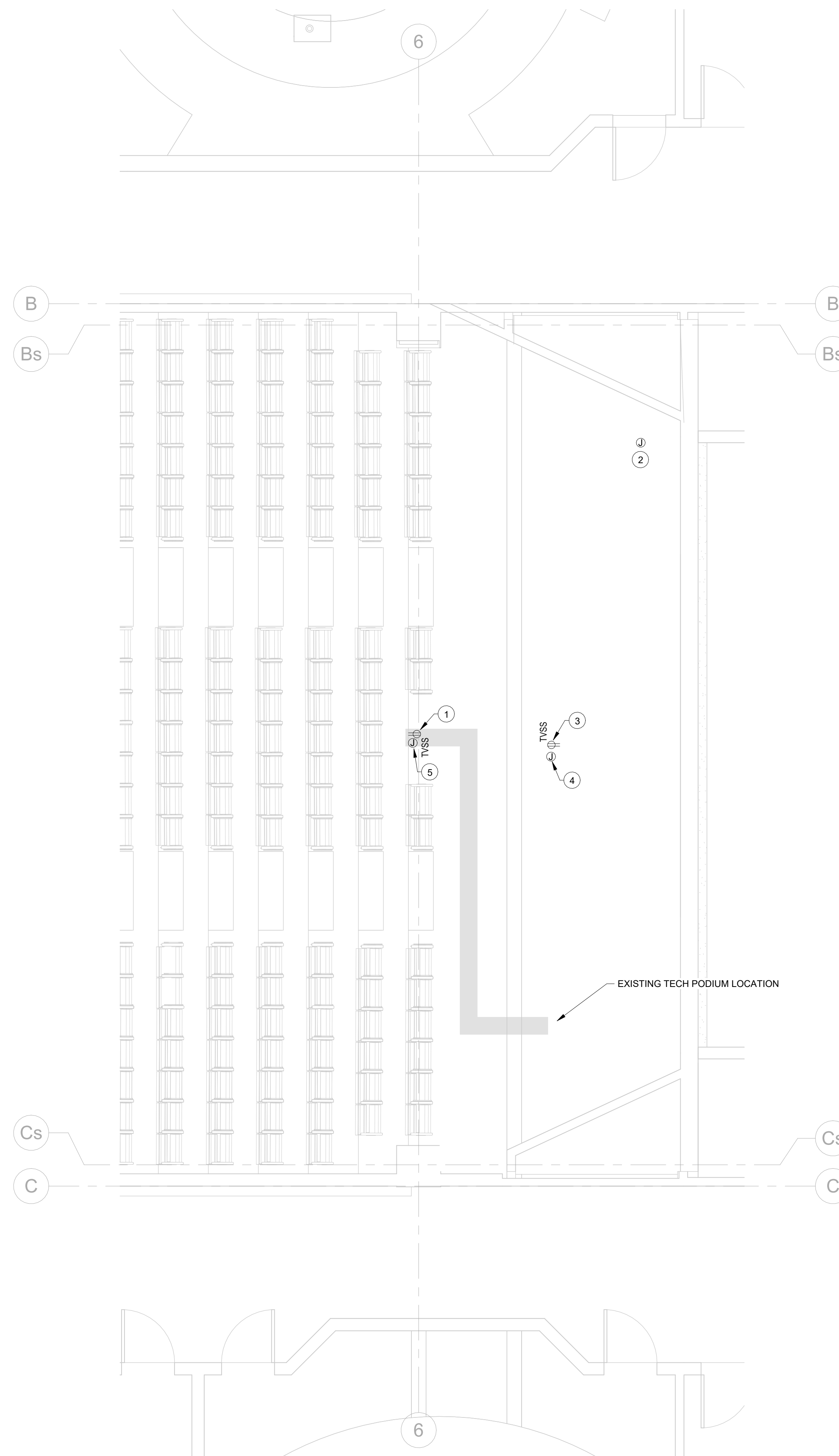
WORK ORDER & SHEET NO.

M3728
E2.2

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LEVEL 2 POWER PLAN **2**
SCALE: 1/4" = 1'-0"



LEVEL 1 POWER PLAN **1**
SCALE: 1/4" = 1'-0"

REFERENCE NOTES

- 1 SURFACE MOUNT NEW RECEPTACLE TO FACE OF RISER. EXTEND EXISTING RECEPTACLE CIRCUIT FROM EXISTING TECH PODIUM TO NEW RECEPTACLE VIA 3/4"C W/(2)#12, #12 GND.
- 2 NEW LOCATION OF EXISTING SCREEN.
- 3 NEW RECEPTACLE FOR SHORT-THROW PROJECTOR. CONNECT TO NEAREST EXISTING RECEPTACLE CIRCUIT VIA 3/4"C W/(2)#12, #12 GND. COORDINATE EXACT LOCATION WITH OIT DRAWINGS.
- 4 INSTALL 1" CONDUIT FROM PROJECTOR TO TECH PODIUM. INSTALL PULL CORD AND NYLON BUSHINGS.
- 5 INSTALL 1-1/2" CONDUIT FROM FLAT PANEL DISPLAY TO TECH PODIUM. INSTALL PULL CORD AND NYLON BUSHINGS.



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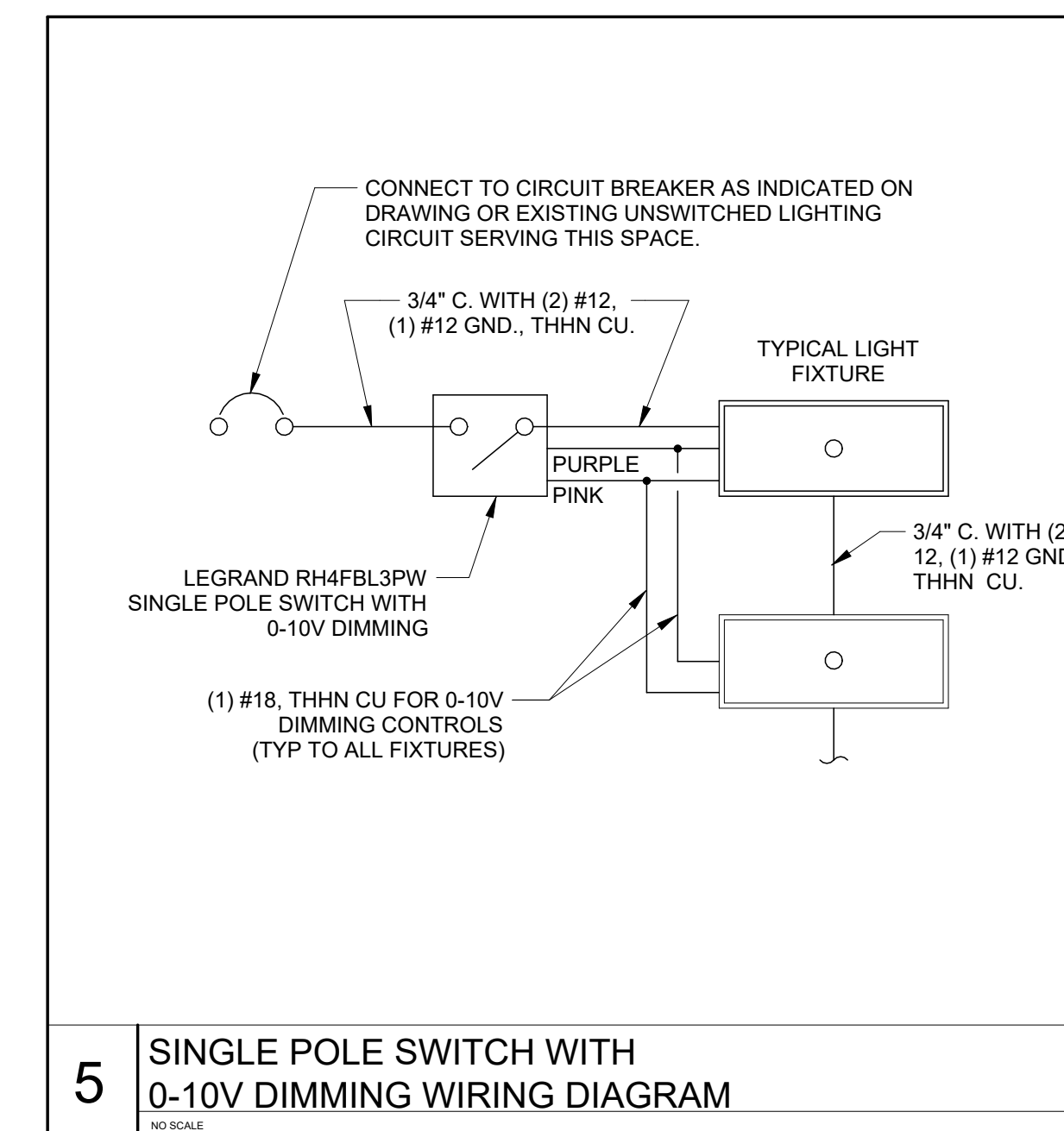
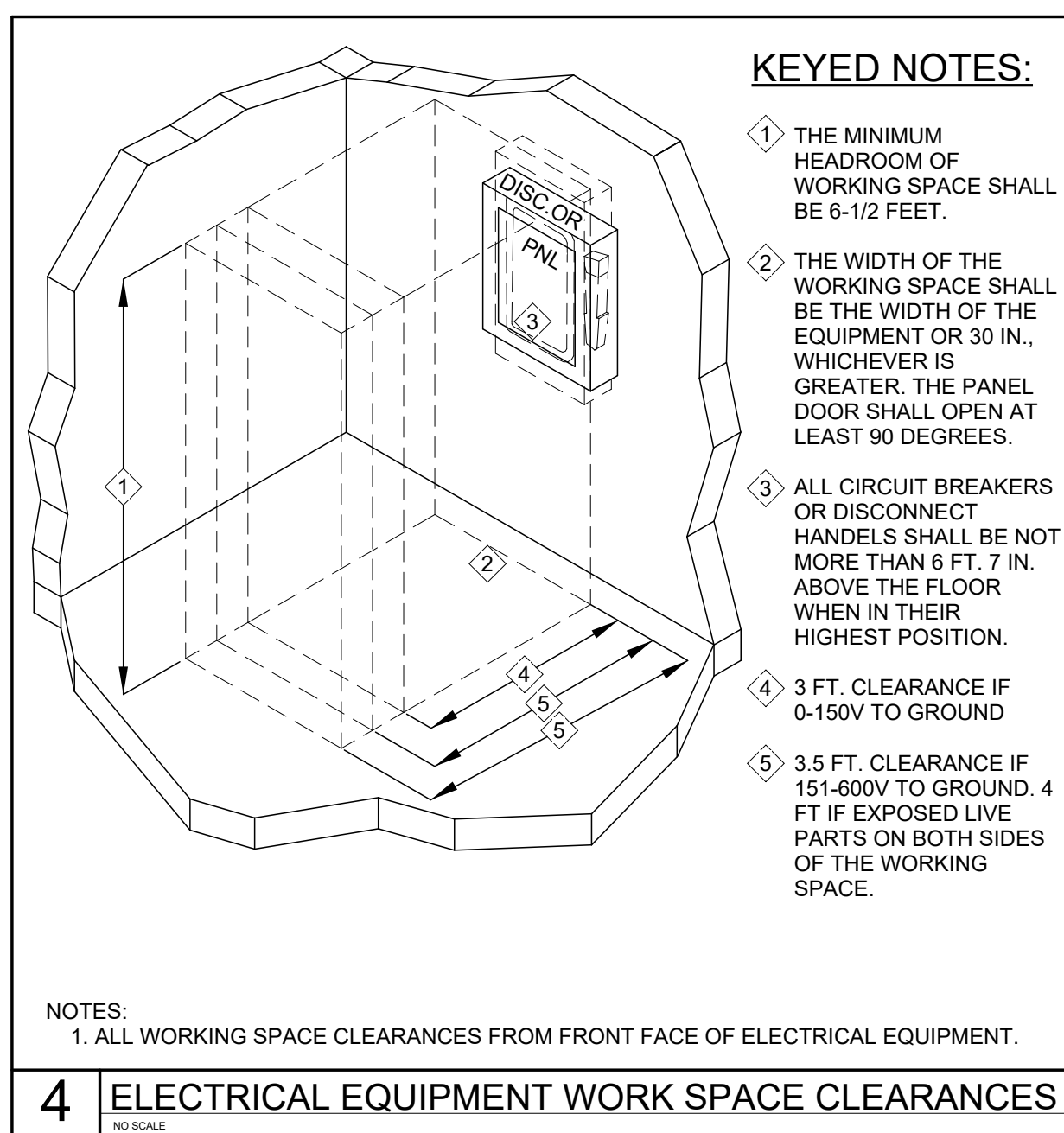
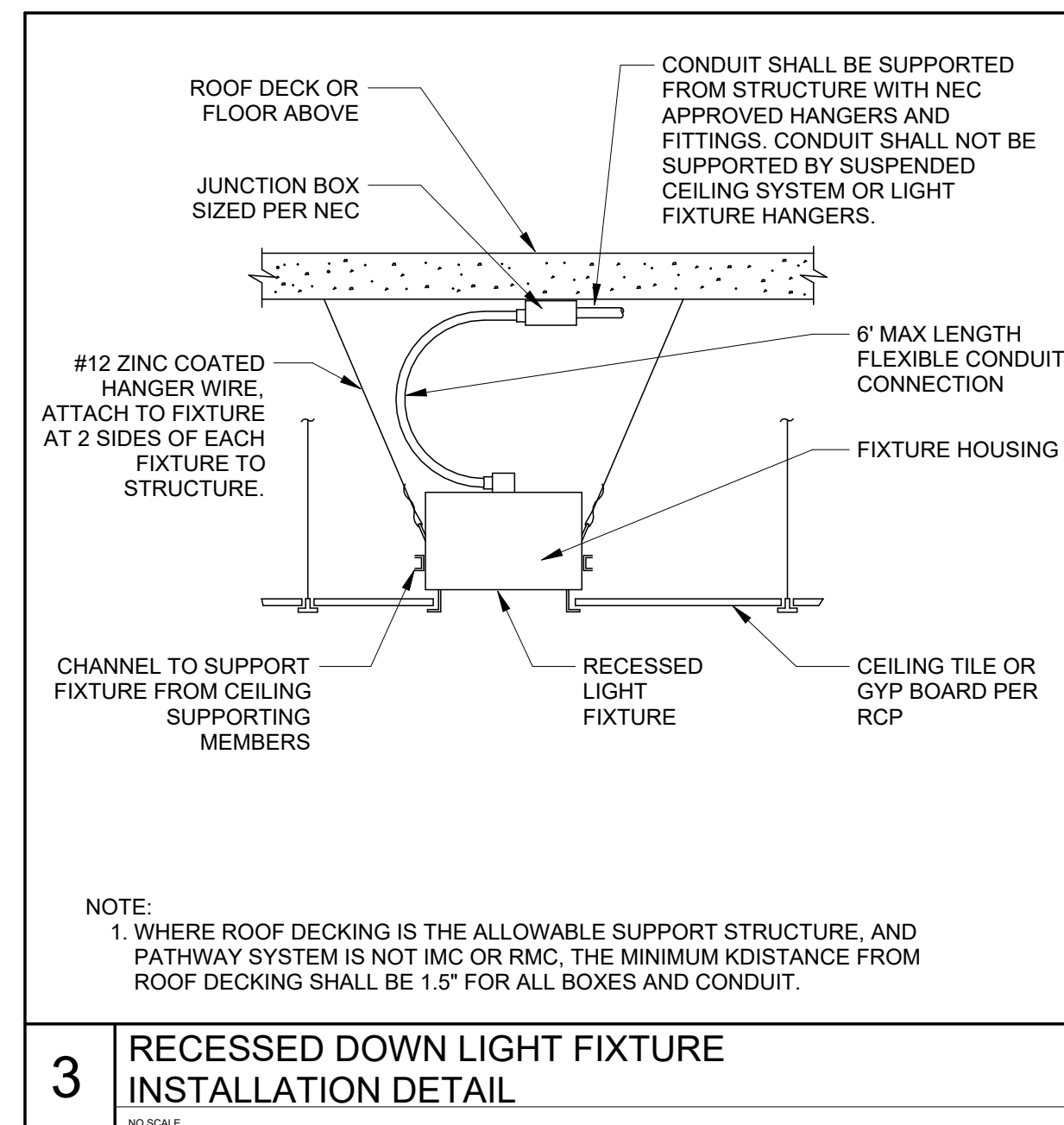
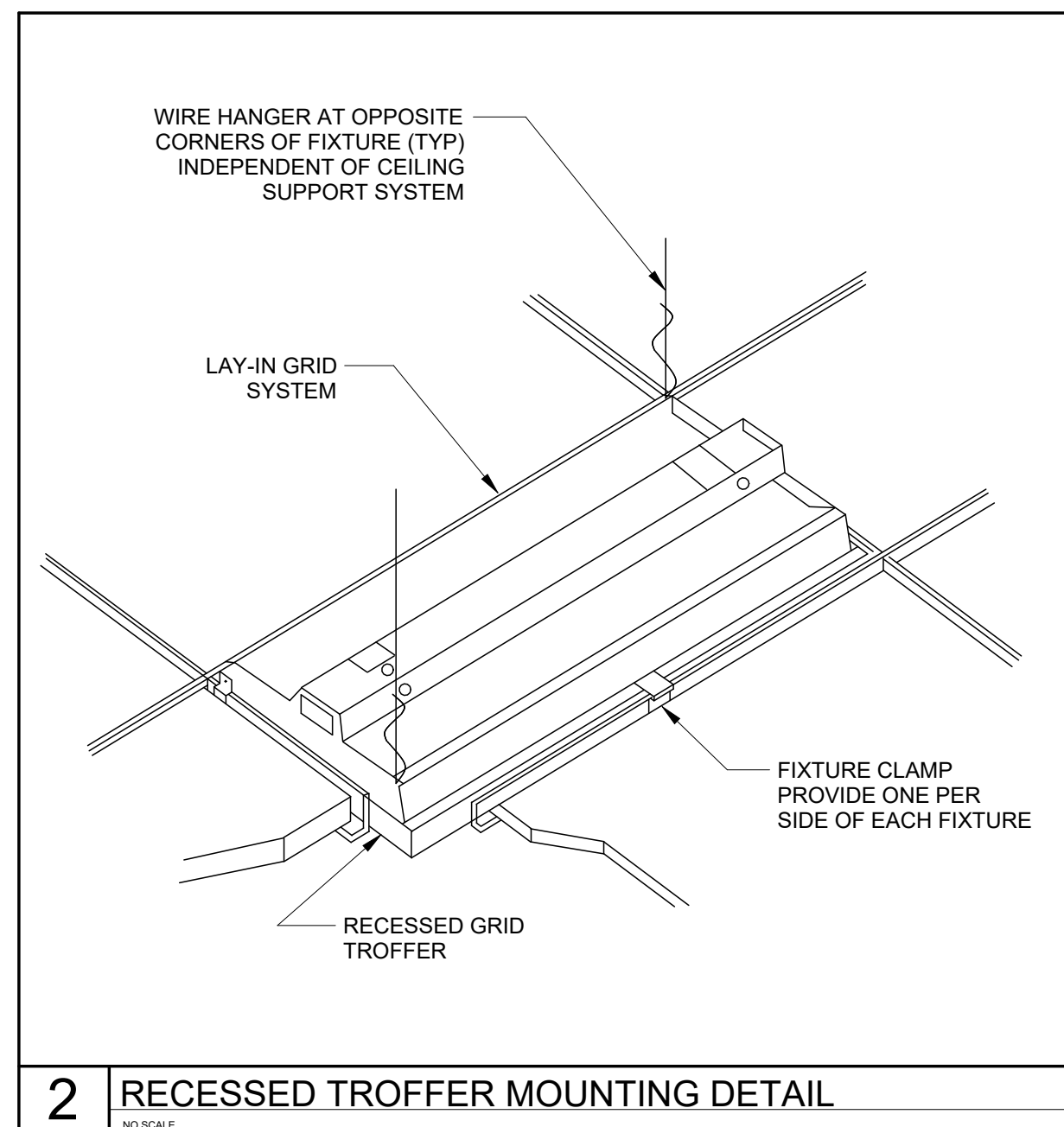
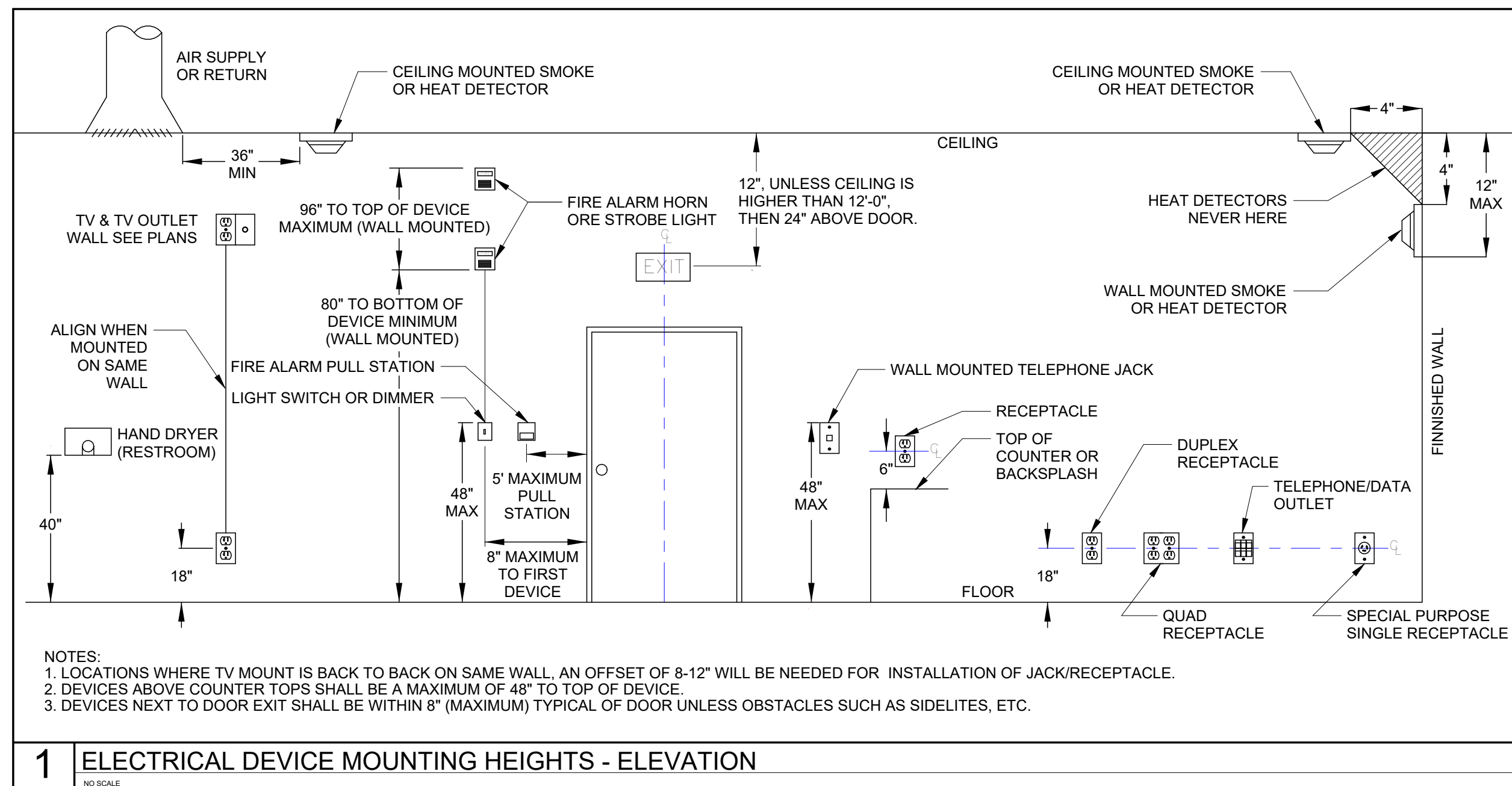
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LEVELS 1 & 2 POWER PLANS

WORK ORDER & SHEET NO.

M3728
E3.1



DEVICES AND PATHWAYS

(---)	WIRING SYSTEM CONCEALED IN WALL OR CEILING.
(---)	BRANCH CIRCUIT HOMERUN TO PANEL.
(J)	JUNCTION BOX WITH CONNECTION TO EQUIPMENT SERVED. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
(R)	DUPLEX RECEPTACLE, 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT).
(R)	DUPLEX GFCI RECEPTACLE.
(Q)	QUAD RECEPTACLE. TWO NEMA 5-20R DUPLEX RECEPTACLES.
(R)	DUPLEX RECEPTACLE, 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT). T.V. RECEPTACLE MOUNTED AT 72" A.F.F. OR AT HEIGHT NOTED ON DRAWING.
(TVSS)	TELEVISION RECEPTACLE, 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT). MOUNTED AT HEIGHT SPECIFIED BY OIT.
(M)	MODULAR FURNITURE CONNECTION. PROVIDE DOUBLE-GANG BARRIERED J-BOX FOR POWER & TELEDATA. EXTEND 1-1/4" EC TO ABOVE ACCESSIBLE CEILING FOR TELEDATA. CONNECT POWER AS INDICATED.
(C _p)	3/4" CONDUIT PENETRATION THROUGH FLOOR FOR FURNITURE CONNECTION. SEE DETAIL 1 IN SHEET ES.2 FOR DETAILS.
(C _b)	1" CONDUIT PENETRATION THROUGH FLOOR FOR FURNITURE CONNECTION. SEE DETAIL 1 IN SHEET ES.2 FOR DETAILS.

PANELS, DISCONNECTS

(P)	PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF.
-----	---

TELECOMMUNICATIONS

(V)	TELE/DATA OUTLET. 1" EC TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
-----	---

LIGHTING (SEE FIXTURE SCH.)

(G)	LED GRID TROFFER FIXTURE. SEE FIXTURE SCHEDULE. SUSPEND TWO CORNERS WITH WIRE TO STRUCTURE. DO NOT ALLOW GRID ALONE TO SUPPORT FIXTURE.
(L)	LED LINEAR PENDANT LIGHT
(R)	LED RECESSED DOWN LIGHT
(E)	LED FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE FIXTURE SCHEDULE FOR FIXTURE TYPE.
(A)	EXIT LIGHT WITH ARROWS AND NUMBERS OF FACES AS INDICATED ON PLANS. CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE LIGHTING FIXTURE SCHEDULE.
(S)	SINGLE POLE SWITCH, 20 AMP, 120/277 VOLT.
(3)	THREE WAY SWITCH, 20 AMP, 120/277 VOLT.
(OC)	WALL MOUNTED OCCUPANCY SENSOR AND SWITCH WITH DUAL TECHNOLOGY.
(LV)	LOW VOLTAGE LIGHT SWITCH.
(CC)	CEILING MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY.
(PP)	CEILING MOUNTED OCCUPANCY SENSOR POWER PACK.
(RC)	LIGHTING ROOM CONTROLLER.
(EM)	EMERGENCY LIGHTING CONTROLLER MODULE.

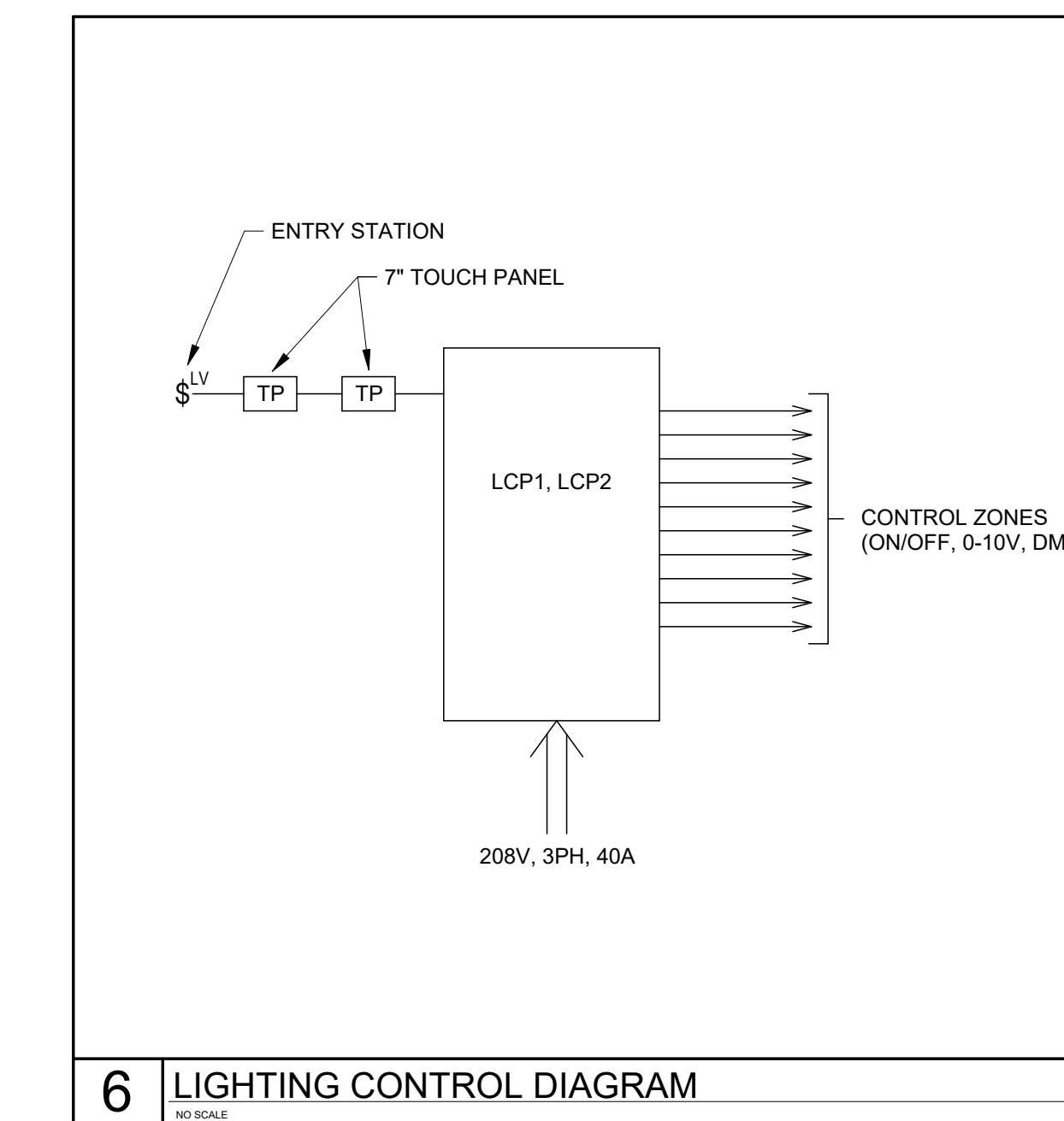
FIRE ALARM

(SD)	CEILING MOUNTED SMOKE DETECTOR. FA VENDOR PROVIDED.
(EK)	ADA COMPLIANT CEILING MOUNTED FIRE ALARM HORN STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.**
(S)	ADA COMPLIANT CEILING MOUNTED FIRE ALARM STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
(EK)	ADA COMPLIANT WALL MOUNT FIRE ALARM HORN WITH STROBE LIGHT, 15CD UNLESS OTHERWISE NOTED. WHITE FINISH.**

- GENERAL NOTES**
- CONTACT THE ENGINEER AS SOON AS POSSIBLE IF DESIGN IRREGULARITIES ARE DISCOVERED.
 - FOLLOW THE DESIGN AS PER THESE STANDARD PLANS. ANY CHANGES, ADDITIONS, OR ADJUSTMENTS SHALL BE REVIEWED WITH THE ENGINEER.
 - SEE OIT DRAWINGS FOR PATHWAYS AND J-BOXES REQUIRED FOR TELE/DATA AND AUDIOVISUAL NEEDS. ELECTRICAL CONTRACTOR SHALL INCLUDE ALL REQUIRED PATHWAYS AND BACK BOXES IN HIS BID.
 - ALL CONDUIT PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS SHALL HAVE FIRE CAULKING APPLIED AS REQUIRED BY THE LATEST ADOPTED REVISION OF THE IFC AND IBC.

ABBREVIATIONS

+42"	DIMENSION INDICATES HEIGHT ABOVE FINISHED FLOOR AT WHICH CENTER OF DEVICE IS TO BE MOUNTED. SEE PLANS.
3R	NEMA 3R RATING
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLER UNIT
C	CONDUIT WITH PULL CORD
C.B.	CIRCUIT BREAKER
CLG	INSTALLED IN CEILING
EC	EMPTY CONDUIT WITH PULL CORD
E.C.	ELECTRICAL CONTRACTOR
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FACP	FIRE ALARM CONTROL PANEL
FPN	FUSE PER NAMEPLATE
LC	LIGHTING CONTACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
U.G.	UNDERGROUND
WP	WEATHER PROOF
S.E.	SERVICE ENTRANCE
EM	EMERGENCY FIXTURE WITH BATTERY OR GENERATOR BACK-UP
Isc	RMS SYMMETRICAL SHORT CIRCUIT CURRENT
AIC	AMPERE INTERRUPTING CAPACITY (EQUIPMENT RATING)
TVSS	SURGE PROTECTION DEVICE MOUNTED AT HEIGHT DESIGNATED BY OIT.



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ELECTRICAL SCHEDULES, SYMBOLS & DETAILS

WORK ORDER & SHEET NO.

M3728
E4.1

LIGHTING CONTROL PANEL "LCP1" SCHEDULE						DIMMING SCHEDULE		
MOUNTING: SURFACE LOCATION: 151C								
ZONE NUMBER	SUPPLY	VA	ZONE DESCRIPTION	TOUCH PANEL	ENTRY STATION	0-10V	DMX	LINE VOLTAGE
1	EXIST 208V/3	630	RECESSED CANS (REAR)	X		X		
2	EXIST 208V/3	800	FLAT PANELS (REAR)	X	X	X		
3	EXIST 208V/3	400	FLAT PANELS (FRONT)	X	X	X		
4	EXIST 208V/3	290	RECESSED CANS (FRONT)	X		X		
5	EXIST 208V/3	336	LINEAR PENDANT	X		X		
6	EXIST 208V/3	180	LINEAR RECESSED	X		X		
7	EXIST 208V/3	300	TRACK LIGHTS (CKT 1)	X				X
8	EXIST 208V/3	300	TRACK LIGHTS (CKT 2)	X				X
9	EXIST 208V/3	208	SPOT LIGHT (CENTER)	X			X	
10	EXIST 208V/3	208	SPOT LIGHT (SOUTH)	X			X	
11	EXIST 208V/3	10	TECH PODIUM PIN SPOT	X		X		
12		0						

LIGHTING CONTROL PANEL "LCP2" SCHEDULE						DIMMING SCHEDULE		
MOUNTING: SURFACE LOCATION: 251A								
ZONE NUMBER	SUPPLY	VA	ZONE DESCRIPTION	TOUCH PANEL	ENTRY STATION	0-10V	DMX	LINE VOLTAGE
1	EXIST 208V/3	484	RECESSED CANS (REAR)	X		X		
2	EXIST 208V/3	400	FLAT PANELS (REAR)	X	X	X		
3	EXIST 208V/3	100	FLAT PANELS (FRONT)	X	X	X		
4	EXIST 208V/3	121	RECESSED CANS (FRONT)	X		X		
5	EXIST 208V/3	252	LINEAR PENDANT	X		X		
6	EXIST 208V/3	134	LINEAR RECESSED	X		X		
7	EXIST 208V/3	300	TRACK LIGHTS (CKT 1)	X				X
8	EXIST 208V/3	300	TRACK LIGHTS (CKT 2)	X				X
9	EXIST 208V/3	208	SPOT LIGHT (CENTER)	X			X	
10	EXIST 208V/3	208	SPOT LIGHT (SOUTH)	X			X	
11	EXIST 208V/3	10	TECH PODIUM PIN SPOT	X		X		
12		0						

LIGHT FIXTURE SCHEDULE									
FIXTURE NUMBER	FIXTURE MANUFACTURER	FIXTURE CATALOG NUMBER	FIXTURE			DESCRIPTION			
			LUMENS	CCT	VOLTS		WATTS	MOUNTING	
F1	HALO COMMERCIAL LIGHTOLIER ELITE DMF LITON	HC630D010 HM630408940 61MDC 6RN P6RDL30940MCDZ10J HH6-LED-3000L-DIM10-MVOLT-MD-40K-90HH6-6501-CL-WH M4NCRN/MD-30-9-40-FL-O/M4TRS-WH CH630UE-0-D10-CR6L36-CW-T40	3000	4000K	UNV	24.2	RECESSED	LED DOWNLIGHT WITH CLEAR DIFFUSE TRIM, 0-10V DIMMING	
F2	SYLVANIA METALUX SLC LITHONIA ELITE RAB PORTOR	PANLF4BS/045UNVD8SC7/24G/WH 24CGTS-L3C3 TPS243545/5G2FSK CPX 2X4 ALOS SWWW7 24-FPL-BL-LED-3000L/4000L/5000L/6000L-DIM10-120-347V-30K/35K/40K/50K-85 T34FA-2x2 PT-BLP8-24-3CP	SELECT-ABLE	SELECT-ABLE	UNV	50	LAY-IN GRID	2X4 LED LAY-IN FLAT PANEL	
F3	TIMES SQUARE ALTMAN	TRH-8040-W-120-DT2-TE GAL-2550-4K-W-M-T	5200	4000K	120	50	HALO TRACK	FRAMING PROJECTOR TRACK HEAD (PROVIDE 12 PER ROOM)	
F4	HALO COMMERCIAL LIGHTOLIER ELITE LITON DMF	HC615D010 HM60525840 61MDC 6RN P6RDL15840CDZ10J HH6-LED-1500L-DIM10-MVOLT-MD-40K-90HH6-6501-CL-WH CH610UE-D10-CR6L22-CW-T40 M4NCRN/MD-15-9-40-FL-O/M4TRS-WH	1500 LUMENS	4000K	UNV	12	RECESSED	LED DOWNLIGHT WITH CLEAR DIFFUSE TRIM, 0-10V DIMMING	
F5	PRUDENTIAL ELITE MARK ALL LUMENWERX	BPRO4-LINFLSHKED4HOR32TMWLLGPNUSCUNVCA48*3DM01 OLS-D-LED-4-CR-32-750L-DIM10-MVOLT-40K-85-WH S4PD LLP 32FT MSL8 80CRI 40K 800LMF DBW SCT MIN1 FLL MVOLT WHTT ZT F2/72A RDCY WHTCY WCRD 3S-32-MD-40-UNV-HC-WH-WHITECORD VIA4P-D-HLO-FH-SW-80CRI-800LMF-40K-32FT-UNV-D1-1C-ACS-W	24000	4000K	UNV	336	PENDANT	4" LINEAR PENDANT - 32'	
F6	PRUDENTIAL ELITE LUMENWERX ALL	BPRO4-LINFLSHKED4MOR32TMWLLMGZNUCUNVSRX3DM01 OLS-CM-LED-4-CR-32-500L-WW-DIM10-MVOLT-40K-85-WH VIA4S-D-WRO2-FH-SW-80CRI-350LMF-40K-32FT-UNV-D1-1C-TBD-TBD-W 3C-32-LD-40-UNV-HC-WH	12960	4000K	UNV	180	SURFACE	4" LINEAR SURFACE WALL GRAZE - 32'	
F7	CHAUVET ETC ALTMAN	REVE E-3 SOURCE FOUR LED SERIES 2 TUNGSTEN HD PHXLVD-5K-50-W/510-HD-BK	11512	3200K	120	208	LIGHT BAR	FULL SIZE SPOT	
F8	PUREEDGE LITELINE CONTECH LUCIFER	MR4R-TUBS-NS-3500K-WH-T1 STB16-BK ATF7607-40-06-90-XX PROVIDE MONOPOINT CANOPY CTL9051MPS4CD-P FA-92M-P CY2X-AW-1-WH-BK-90517B-40-10-4-UCA-JBMP	481	4000K	120	8.5	SURFACE WALL	PINPOINT SPOT	
F9	PRUDENTIAL ELITE MARK ALL LUMENWERX	BPRO4-LINFLSHKED4HOR24TMWLLGPNUSCUNVCA48*3DM01 OLS-D-LED-4-CR-24-750L-DIM10-MVOLT-40K-85-WH S4PD LLP 24FT MSL8 80CRI 40K 800LMF DBW SCT MIN1 FLL MVOLT WHTT ZT F2/72A RDCY WHTCY WCRD 3S-24-MD-40-UNV-HC-WH-WHITECORD VIA4P-D-HLO-FH-SW-80CRI-750LMF-40K-24FT-UNV-D1-1C-TBD-TBD-W	18000	4000K	UNV	252	PENDANT	4" LINEAR PENDANT - 24'	
F10	PRUDENTIAL ELITE LUMENWERX ALL	BPRO4-LINFLSHKED4MOR24TMWLLMGZNUCUNVSRX3DM01 OLS-CM-LED-4-CR-24-500L-WW-DIM10-MVOLT-40K-85-WH VIA4S-D-WRO2-FH-SW-80CRI-400LMF-40K-24FT-UNV-D1-1C-TBD-TBD-W 3C-24-LD-40-UNV-HC-WH	9720	4000K	UNV	134	SURFACE	4" LINEAR SURFACE WALL GRAZE - 24'	
EM	DUAL-LITE	CLMLAC	561	5000K	120/277	18	RECESSED	CONCEALED EMERGENCY LIGHTING UNIT	



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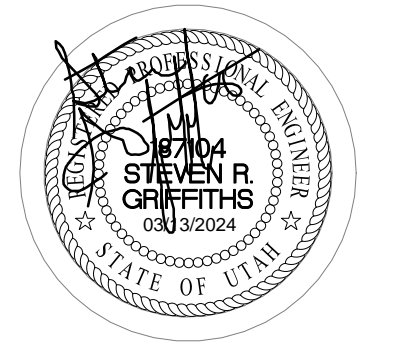
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ELECTRICAL SCHEDULES

WORK ORDER & SHEET NO.

M3728
E4.2

REFERENCE NOTES

- 1 Office of IT: Temporarily remove TEC podium, associated equipment and coil cabling
- 2 Office of IT: Permanently remove existing projector
- 3 Office of IT: Existing AV equipment rack, equipment, pathway and power to remain as is



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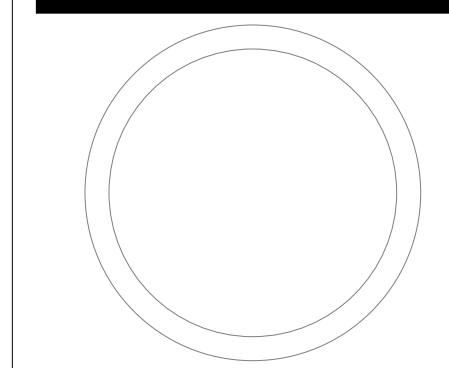
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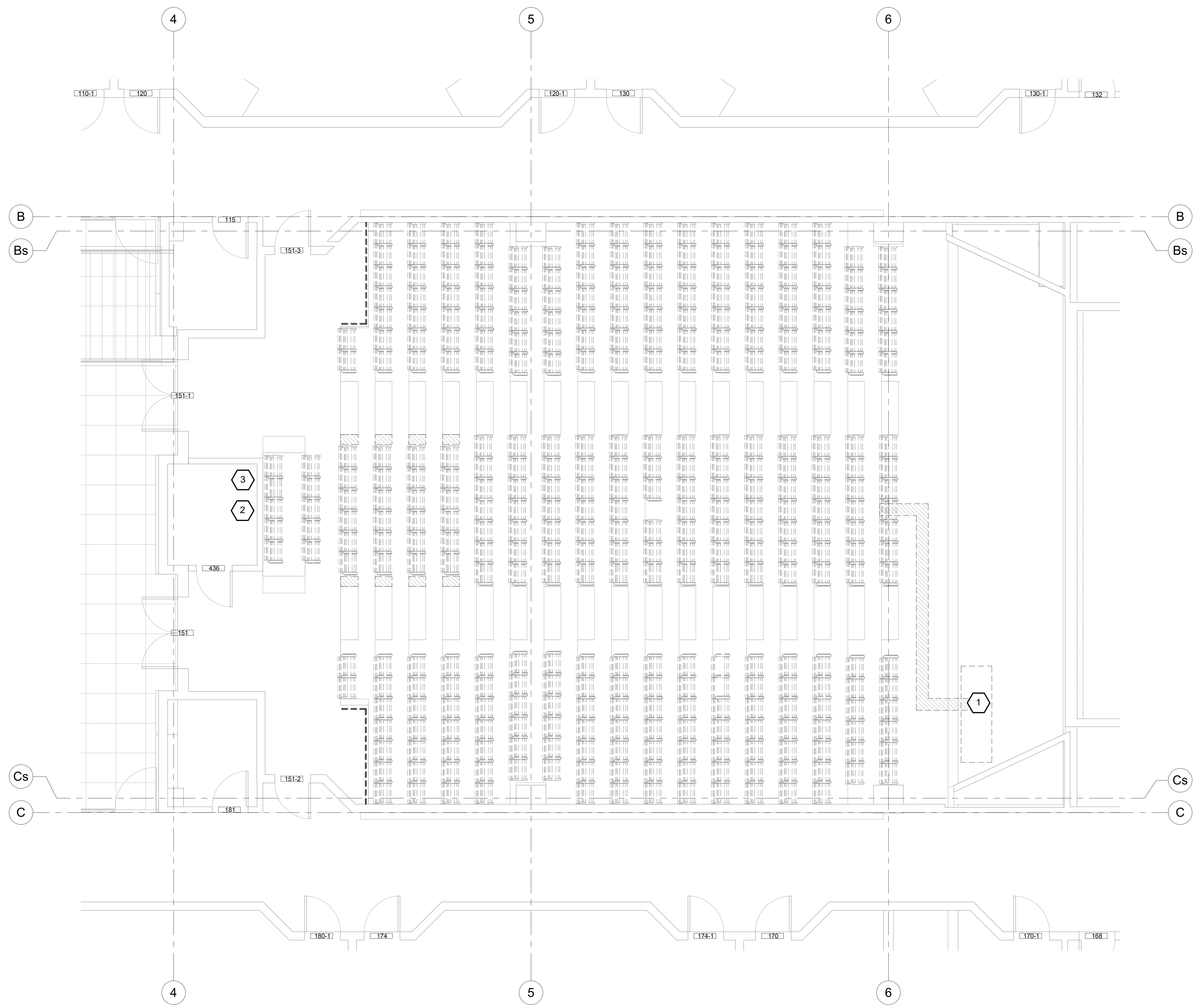
LEVEL 1 DEMOLITION PLAN

WORK ORDER & SHEET NO.

M3728
OIT-1

LOCATION PLAN

TNRB - LEVEL 6



1 DEMOLITION FLOOR PLAN
 1/4" = 1'-0"

REFERENCE NOTES

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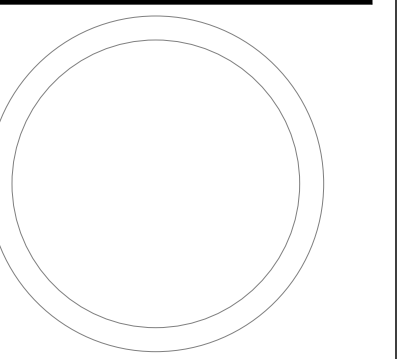
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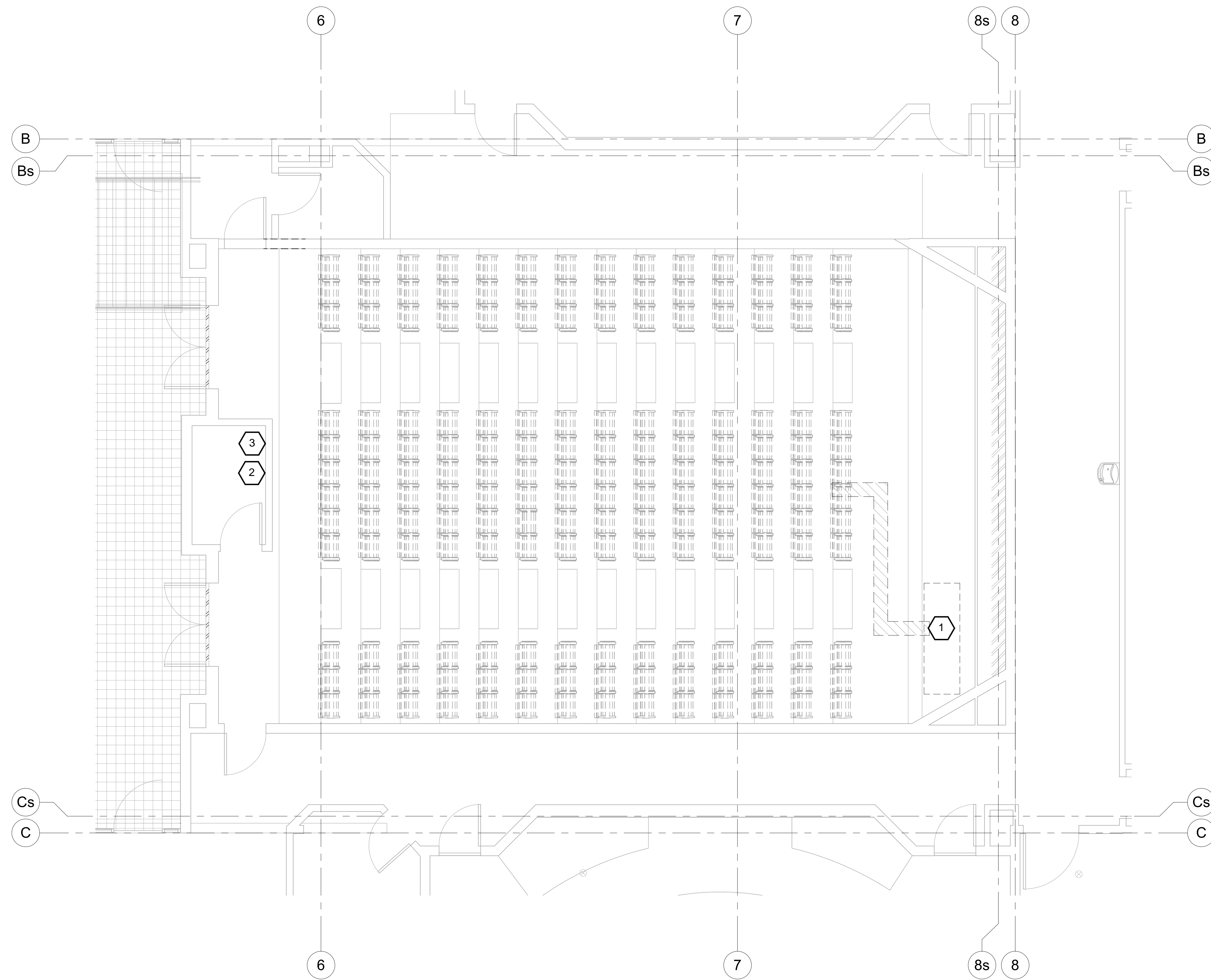
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LEVEL 2 DEMOLITION PLAN

WORK ORDER & SHEET NO.

M3728
OIT-2



M3728 LEVEL 2 DEMOLITION FLOOR PLAN
 1/4" = 1'-0"

REFERENCE NOTES

- 1 Office of IT: Permanently remove speakers and associated cabling
- 2 Electrical Contractor: Remove existing motorized screen; power and screen control to be reconnected to new projection screen



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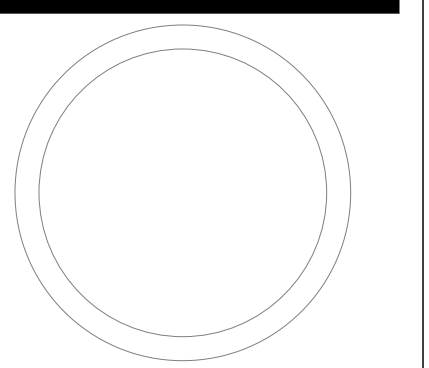
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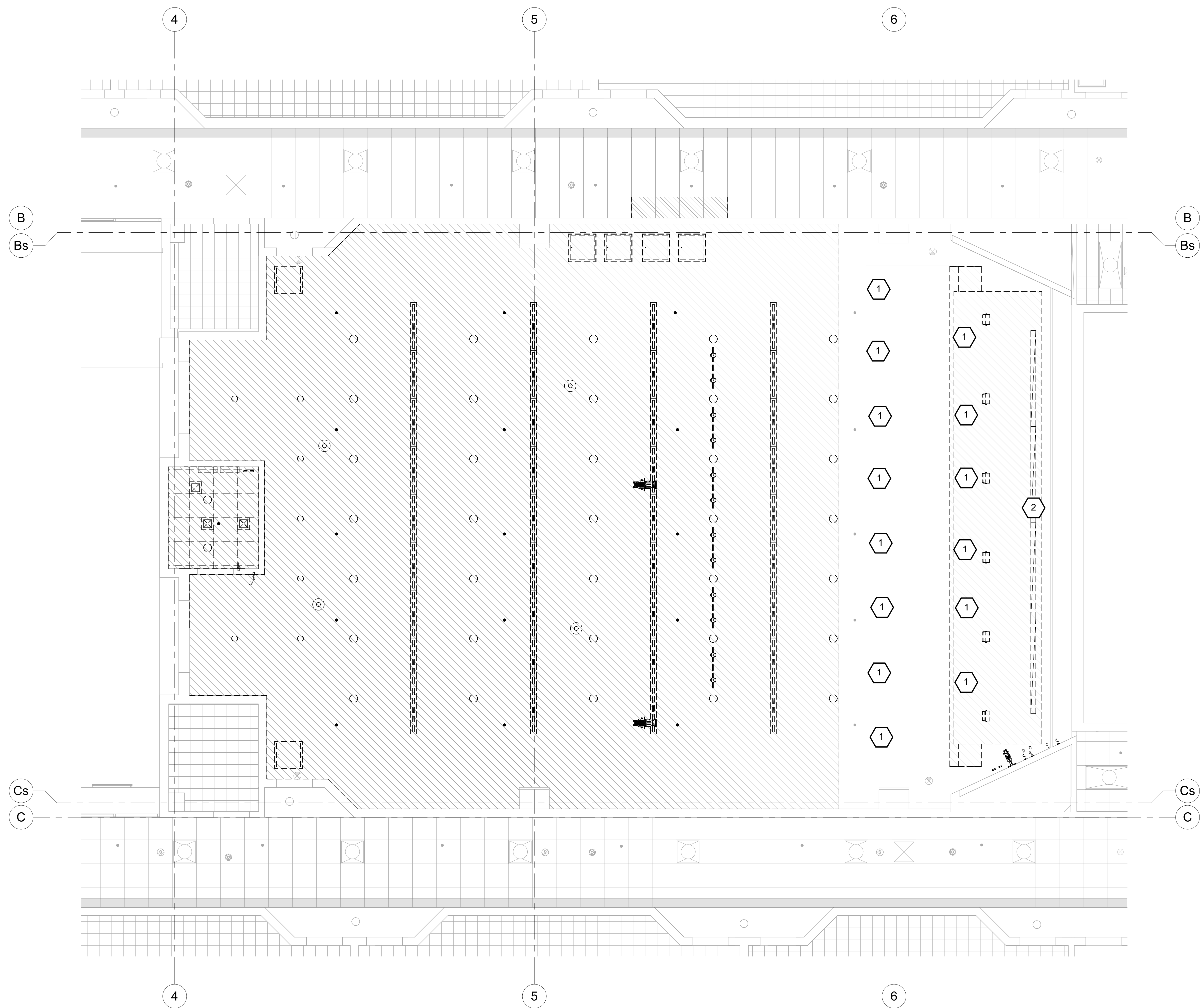


**LEVEL 1
 DEMOLITION
 REFLECTED
 CEILING PLAN**

WORK ORDER & SHEET NO.

**M3728
 OIT-3**

DIAGONAL HATCH AREA INDICATES SECTION OF CEILING TO BE REMOVED OR ALTERED



1 DEMOLITION CEILING PLAN
 1/4" = 1'-0"

REFERENCE NOTES

- 1 Office of IT: Permanently remove speakers and associated cabling
- 2 Electrical Contractor: Remove existing motorized screen; power and screen control to be reconnected to new projection screen



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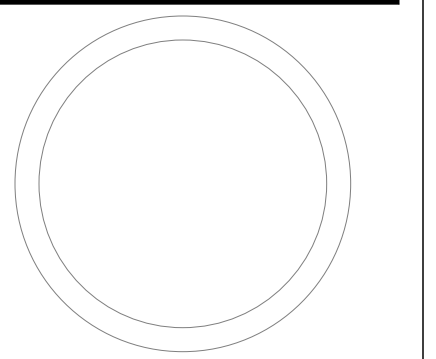
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 PLANNING DIR: _____

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REVISIONS

NO.	DESCRIPTION	DATE

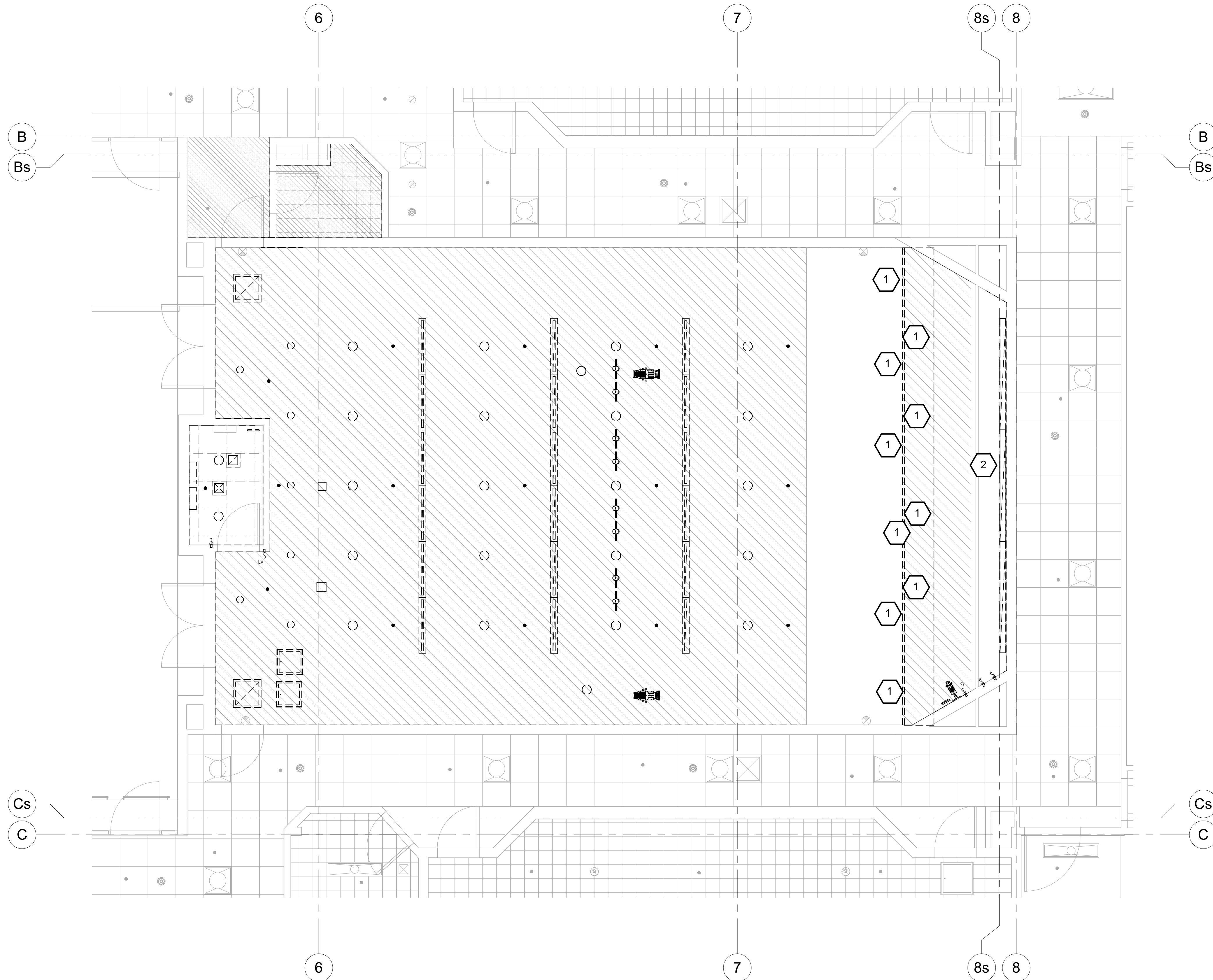
BRIGHAM YOUNG
 UNIVERSITY
 REMODEL AUDITORIUM 151
 PHYSICAL FACILITIES
N. ELDON TANNER BUILDING (NTRB) - LEVEL 1



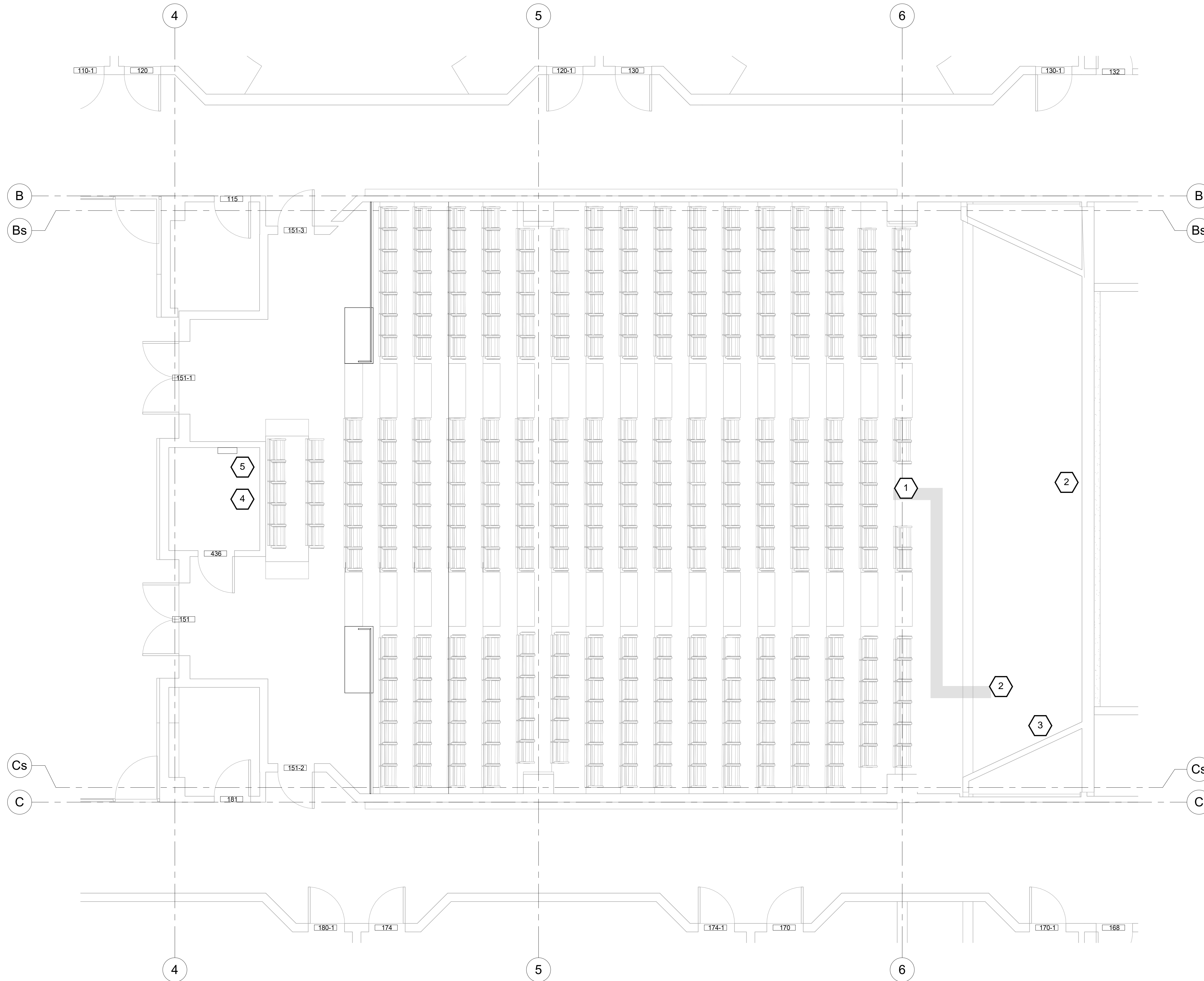
**LEVEL 2
 DEMOLITION
 REFLECTED
 CEILING PLAN**

WORK ORDER & SHEET NO.

**M3728
 OIT-4**



1 M3728 LEVEL 2 DEMOLITION
 REFLECTED CEILING PLAN
 1/4" = 1'-0"



REFERENCE NOTES

- 1 Office of IT: Install (1) flat panel display and associated cabling
 Electrical Contractor: Install (1) TVSS power outlet and install (1) 1-1/2" conduit with bushing from flat panel display location and stub into TEC podium located on the stage
 BYU Carpenter Shop: Build housing for flat panel display
- 2 Office of IT: Install new projector, mount and cabling to podium
 Electrical Contractor: Install (1) TVSS power outlet above cloud for projector and (1) 1" conduit with bushing from projector location to podium
- 3 Office of IT: Existing screen control to remain
- 4 Office of IT: Install new TEC Pi control panel and input in booth; use existing pathway
 Electrical Contractor: Install new projection screen control in booth
- 5 Office of IT: Existing AV equipment rack, equipment, pathway and power to remain as is



FACILITIES PLANNING
 240 BRWB PROVO, UTAH 84602
 PHONE: (801) 422-5504
 FAX: (801) 422-0566

DATE: 3/8/2024
 DESIGNER: Designer
 DRAWN BY: TS/

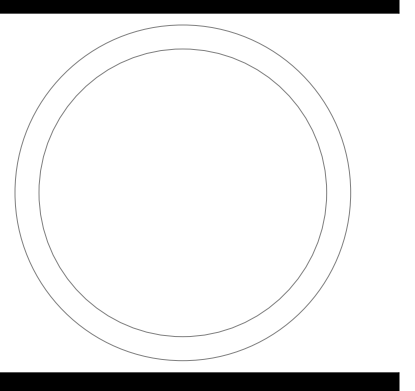
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 UTILITIES DIR: _____
 PLANNING DIR: _____

CLIENT APPROVAL _____ DATE _____

REVISIONS

NO.	DESCRIPTION	DATE

BRIGHAM YOUNG UNIVERSITY
 REMODEL AUDITORIUMS 151 & 251
 PHYSICAL FACILITIES
 N. ELDON TANNER BUILDING (TNRB) - LEVEL 1



LEVEL 1 FLOOR PLAN

WORK ORDER & SHEET NO.

M3728
OIT-5

1 NEW FLOOR PLAN
 1/4" = 1'-0"



FACILITIES PLANNING
 240 BRWB PROVO, UTAH 84602
 PHONE: (801) 422-5504
 FAX: (801) 422-0566

DATE: 3/8/2024
 DESIGNER: G. H.
 DRAWN BY: TS/

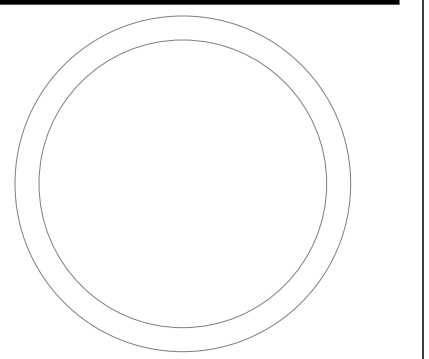
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 PLANNING DIR: _____

CLIENT APPROVAL _____ DATE _____

REVISIONS

NO.	DESCRIPTION	DATE

BRIGHAM YOUNG
 UNIVERSITY
 REMODEL AUDITORIUM 151
 PHYSICAL FACILITIES
 N. ELDON TANNER BUILDING (TNRB) - LEVEL 2



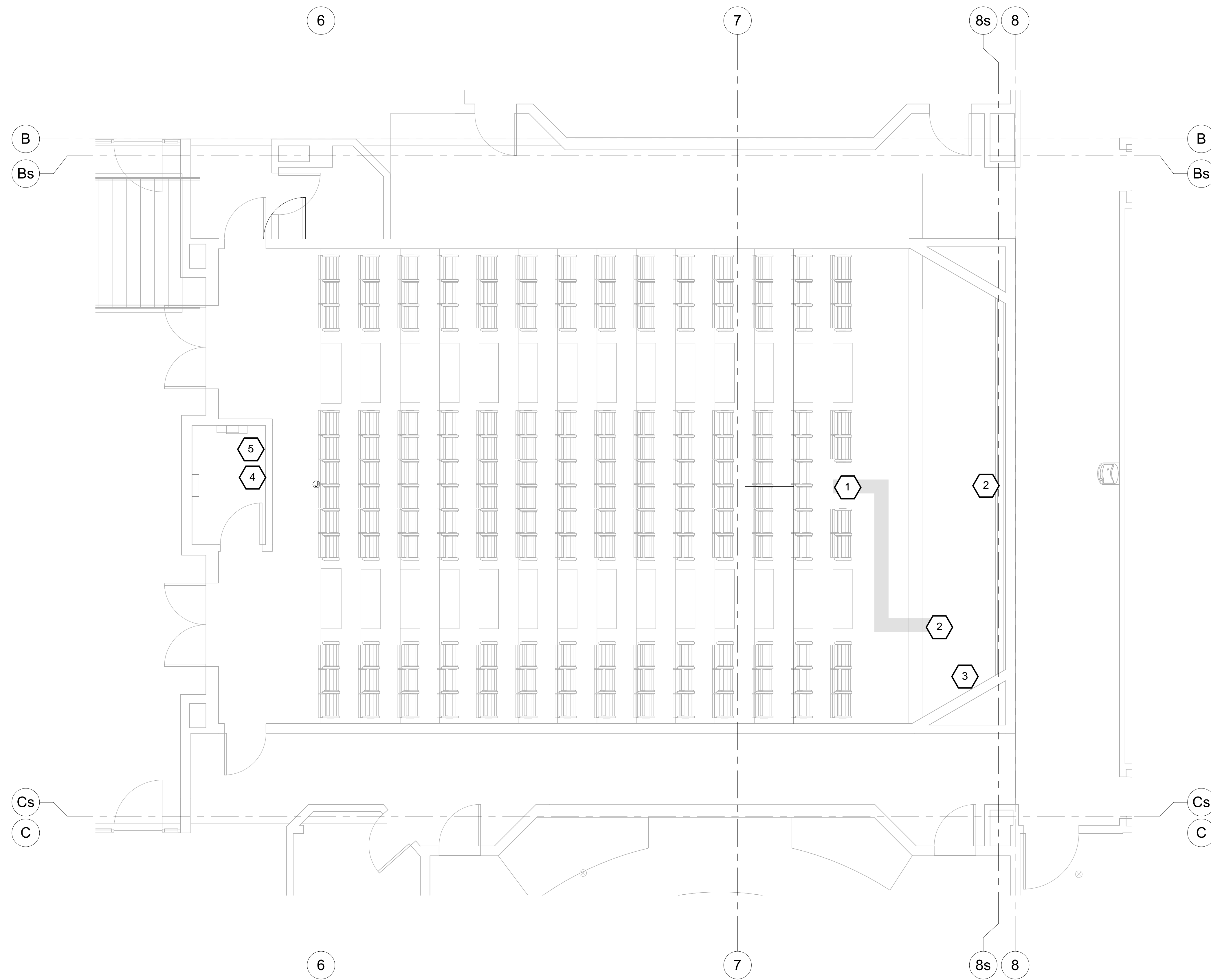
LEVEL 2 FLOOR PLAN

WORK ORDER & SHEET NO.

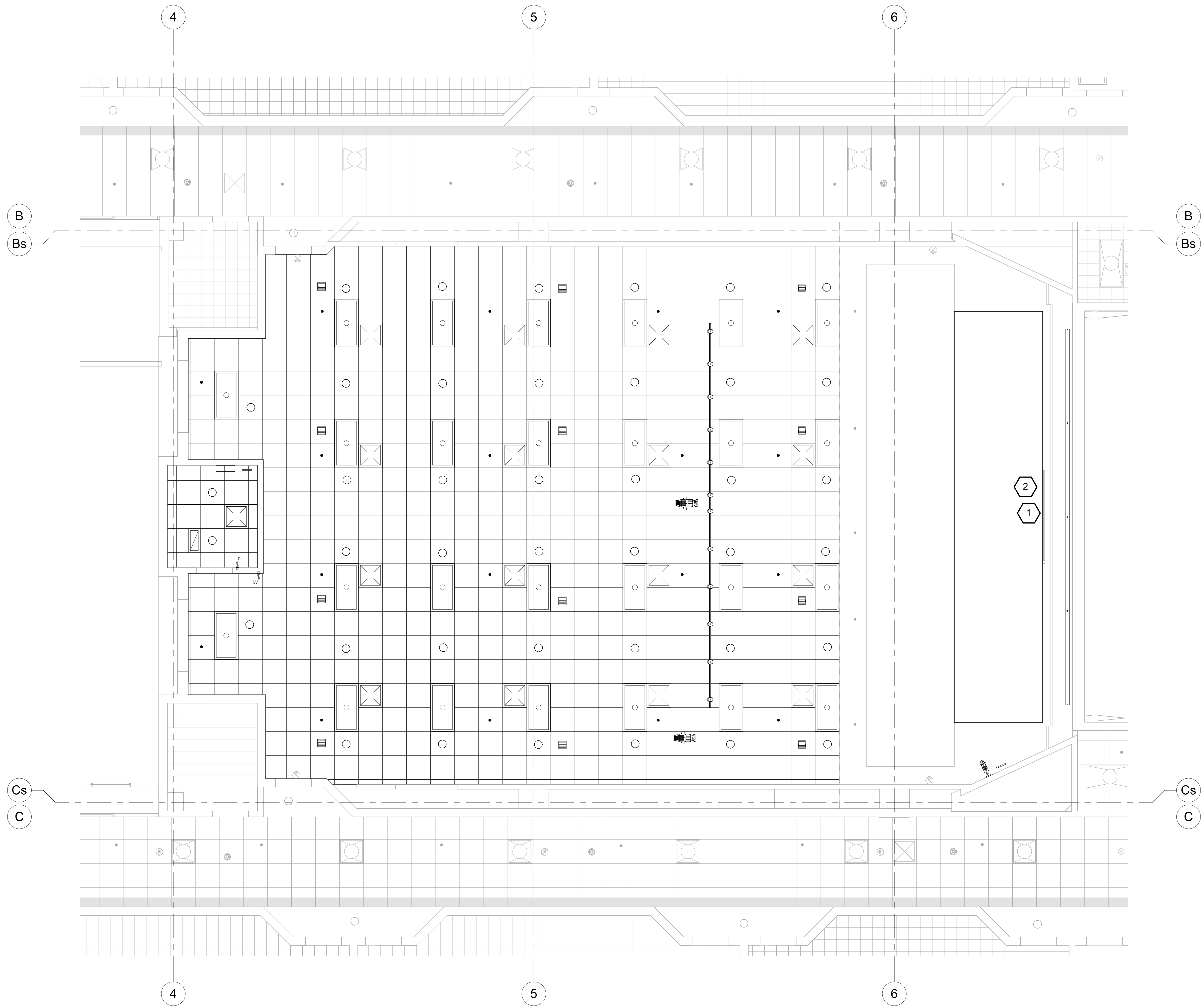
M3728
OIT-6

REFERENCE NOTES

- 1 Office of IT: Install (1) flat panel display and associated cabling
 Electrical Contractor: Install (1) TVSS power outlet and install (1) 1-1/2" conduit with bushing from flat panel display location and stub into TEC podium located on the stage
 BYU Carpenter Shop: Build housing for flat panel display
- 2 Office of IT: Install new projector, mount and cabling to podium
 Electrical Contractor: Install (1) TVSS power outlet above cloud for projector and (1) 1" conduit with bushing from projector location to podium
- 3 Office of IT: Existing screen control to remain
- 4 Office of IT: Install new TEC Pi control panel and input in booth; use existing pathway
 Electrical Contractor: Install new projection screen control in booth
- 5 Office of IT: Existing AV equipment rack, equipment, pathway and power to remain as is



1 M3728 LEVEL 2 FLOOR PLAN
 1/4" = 1'-0"



① NEW CEILING PLAN
1/4" = 1'-0"

REFERENCE NOTES

- ① Office of IT: Install new projector, mount and cabling to podium
- Electrical Contractor: Install (1) TVSS power outlet above cloud for projector, (1) 1" conduit with bushing from projector location to podium
- ② Office of IT: Purchase and provide new projection screen
- Contractor: Install new projection screen; an 8" depth is required between lower cloud and wall for projection screen case
- Electrical Contractor: Connect existing power and existing screen control to new projection screen



FACILITIES PLANNING
240 BRWB PROVO, UTAH 84602
PHONE: (801) 422-5504
FAX: (801) 422-0566

DATE: 3/8/2024
DESIGNER: SW
DRAWN BY: TS/

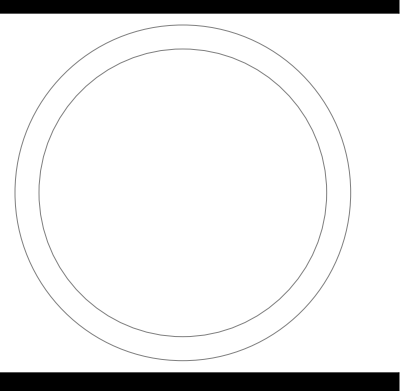
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UTILITIES DIR: _____
PLANNING DIR: _____

CLIENT APPROVAL _____ DATE _____

REVISIONS

NO.	DESCRIPTION	DATE

BRIGHAM YOUNG UNIVERSITY
 REMODEL AUDITORIUM 151
 PHYSICAL FACILITIES
 N. ELDON TANNER BUILDING (TNRB) - LEVEL 1

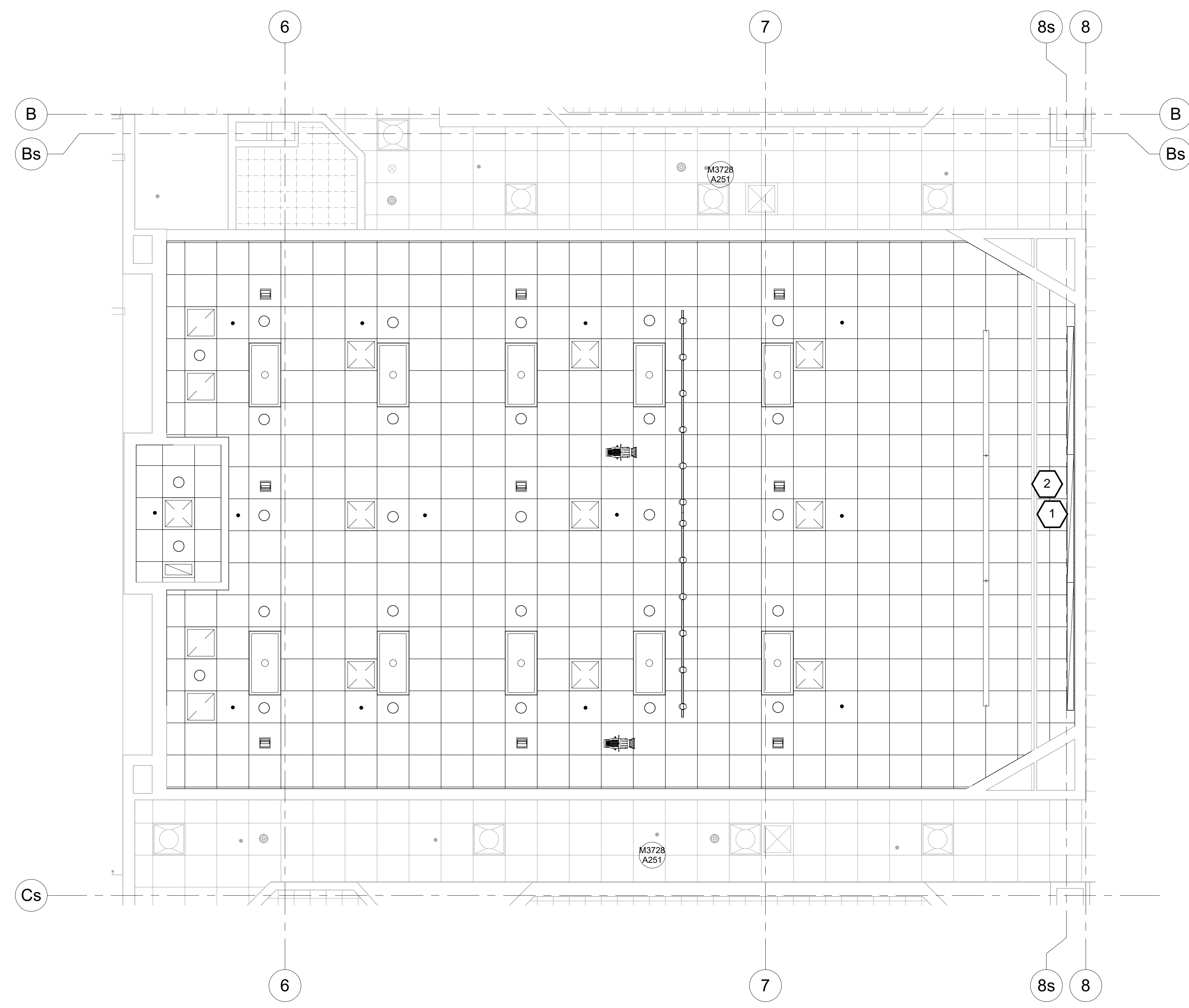


**LEVEL 1
REFLECTED
CEILING PLAN**

WORK ORDER & SHEET NO.

**M3728
OIT-7**

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① M3728 LEVEL 2 REFLECTED CEILING
 PLAN
 1/4" = 1'-0"

REFERENCE NOTES

- ① Office of IT: Install new projector, mount and cabling to podium

 Electrical Contractor: Install (1) TVSS power outlet above cloud for projector, (1) 1" conduit with bushing from projector location to podium

- ② Office of IT: Purchase and provide new projection screen

 Contractor: Install new projection screen; an 8" depth is required between lower cloud and wall for projection screen case

 Electrical Contractor: Connect existing power and existing screen control to new projection screen



FACILITIES PLANNING
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 PHONE: (801) 422-5504
 FAX: (801) 422-0566

DATE: 3/8/2024
 DESIGNER: G. H.
 DRAWN BY: TS/

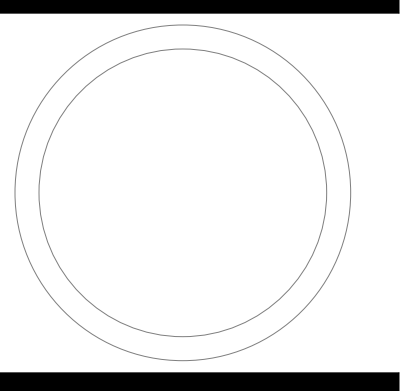
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 UTILITIES DIR: _____
 PLANNING DIR: _____

CLIENT APPROVAL _____ DATE _____

REVISIONS

NO.	DESCRIPTION

BRIGHAM YOUNG
 UNIVERSITY
 REMODEL AUDITORIUM 151
 PHYSICAL FACILITIES
 N. ELDON TANNER BUILDING (TNRB) - LEVEL 2



**LEVEL 2
 REFLECTED
 CEILING PLAN**

WORK ORDER & SHEET NO.

**M3728
 OIT-8**