

LANEY COLLEGE THEATER MODERNIZATION PROJECT



PERALTA COMMUNITY COLLEGE DISTRICT
900 FALLON ST, OAKLAND CA 94607

PROJECT NUMBER: 202004.00

100% SCHEMATIC DESIGN

AUGUST 3, 2020

els architecture+
urban design

REVISION NUMBER	DATE	DESCRIPTION

NOT FOR CONSTRUCTION

ABBREVIATIONS

Table of abbreviations with columns for various construction terms and their corresponding symbols or codes. Includes categories like structural, mechanical, electrical, and general building components.

GENERAL NOTES

- 1. The Contractor shall carefully study and compare the Contract Documents with each other and shall at once report to the Architect errors, inconsistencies or omissions discovered.
2. Where new construction abuts existing construction to remain, all conditions affecting work progress and conformance to and specifications shall be verified by Contractor prior to start of work.
3. Written dimensions take precedence over scaled measurements. Where discrepancies in dimensions occur they shall be reported to the Architect for resolution.
4. All work and materials shall be in accord with the latest rules and regulations of all applicable state and/or local codes, laws, ordinances, statutes and regulations. Nothing in the drawings or specifications shall be construed as requiring or permitting work contrary to these rules, regulations, and codes.
5. The drawings indicate locations, dimensions, and typical details of construction. The drawings do not illustrate every condition. Work not expressly detailed shall be of construction similar to parts that are detailed. Where discrepancies occur, they shall be reported to the Architect for resolution.
6. Site boundary lines, boundary dimensions, boundary declinations, and existing grades are based upon the survey drawing. The Contractor shall be deemed to have inspected the site and satisfied himself as to actual grades, levels, dimensions, and declinations and the true conditions under which the work is to be performed.
7. Masonry dimensions are given to the nominal face of masonry. Dimensions are to be face of finish unless otherwise noted. Do not scale the drawings. Lay out work following written dimensions. If written dimensions are lacking, notify the Architect at once. If no locating dimensions are shown, door openings are located by the door details.
8. Dimensions and elevations on these drawings refer to building datum, unless otherwise noted.
9. The Contractor shall visit the site and verify all existing conditions before bidding.

SYMBOLS LEGEND

Table of symbols legend defining various architectural symbols used in the drawings, such as grid lines, titles, elevations, section keys, and elevation targets.

PROJECT LOCATION



REFLECTED CEILING PLAN LEGEND

Table of reflected ceiling plan legend defining symbols for various ceiling fixtures and components, including recessed downlights, fluorescent fixtures, acoustic panels, diffusers, and exit signs.

FINISH LEGEND

Table of finish legend defining symbols for various material finishes and wall treatments, such as wall-mounted ceiling, gypsum board ceiling, and wall-mounted diffusers.

SHEET INDEX

Table of sheet index listing various drawing sheets and their titles, categorized by type (Administrative, Architectural, Mechanical, Electrical, etc.).



LANEY COLLEGE THEATER

MODERNIZATION PROJECT OAKLAND, CA

PROJECT NUMBER: 202004.00

CLIENT: PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM: ARCHITECT: ELS ARCHITECTURE AND URBAN DESIGN 2040 Addison Street Berkeley, CA 94704 TEL: (510) 540-2229

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ELECTRICAL & FIRE ALARM ENGINEER: PLUA 1620 MONTGOMERY STREET, SUITE 250 SAN FRANCISCO, CA 94111 TEL: (510) 676-2591

FIRE AND LIFE SAFETY CONSULTANT: HYT CORPORATION 3498 CLAYTON ROAD, SUITE #101 CONCORD, CA 94519 TEL: (925) 681-2731

THEATRE: THE SHALLECK COLLABORATIVE, INC. 1555 MARTIN LUTHER KING JR. WAY BERKELEY, CA 94709 TEL: (415) 956-0100

ACOUSTICS: SALTER 130 SUTTER STREET, FLOOR 5 SAN FRANCISCO, CA 94104 TEL: (415) 470-5480

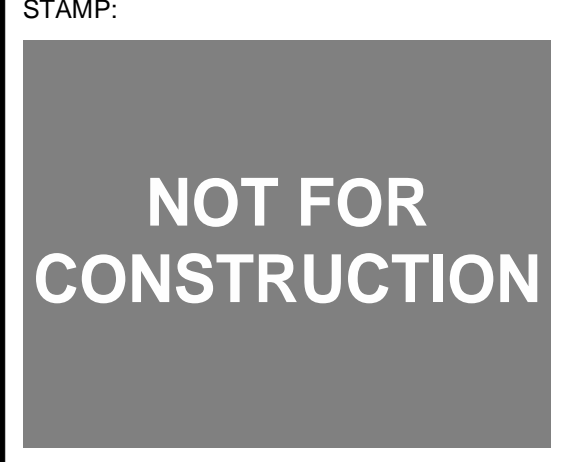
LOW VOLTAGE: GUIDEPOST SOLUTIONS 180 GRAND STREET, SUITE 950 OAKLAND, CA 94612 TEL: (510) 288-8373

SPECIFICATIONS: TOPFLIGHT SPECS 40 GEARY STREET, SUITE 230 SAN FRANCISCO, CA 94108 TEL: (415) 546-6033

Table of revision history with columns for number, date, and description. Includes a note for 100% SCHEMATIC DESIGN on August 3, 2020.

ISSUE: 100% SCHEMATIC DESIGN

DATE: AUGUST 3, 2020



SHEET TITLE: INDEX SHEET

SHEET NUMBER: A001

August 3, 2020
LANEY THEATER MODERNIZATION
 SCHEMATIC DESIGN PRELIMINARY CODE REVIEW (BASED ON 2019 CBC)

Approximate Building Area:

Overall Existing Gross Building Area	40,221 SF
Overall Proposed Gross Building Area	41,120 SF

Occupancy group:	A-1: Main Auditorium
	A-3: Lobbies
	B: Theater Lab (Small assembly)
	B: Offices and Classrooms (Educational occupancies for students above 12 th grade)
	F-1: Scene Shop/Fab Lab
	S-1: Storage

Chapter 5: Occupancy Separations:

Section 508.3 Nonseparated occupancies: Different occupancies are not required to be separated as long as building area and height are based on the requirements of the most restrictive occupancy. The most restrictive occupancy is A-1, therefore if the buildings complies with code allowances for A-1 occupancy we can consider the building to be a nonseparated A-1 occupancy.

Chapter 5: General Building Heights and Areas:

Table 503: A-1 Occupancy:

Existing Construction Type is assumed to be Type II-A construction. The existing building is 4 stories above grade plane. Existing building height is 69'-10 3/8". The existing building is fire sprinklered. Scope of this project includes replacement and upgrade of the existing fire sprinkler system as required.

(Note: Per Section 506.1.3. The basement may not need to be counted as a story if it does not meet the definition of a "story above grade plane" – see below.)

[BG] STORY. That portion of a building included between the upper surface of a floor and the upper surface of the floor or roof next above (see "Basement," "Building height," "Grade plane" and "Mezzanine"). A story is measured as the vertical distance from top to top of two successive sets of beams or finished floor surfaces and, for the topmost story, from the top of the floor finish to the top of the ceiling joists or, where there is not a ceiling, to the top of the roof rafters.

[DSA-ACJ] That portion of a building or facility designed for human occupancy included between the upper surface of a floor and upper surface of the floor or roof next above. A story containing one or more mezzanines has more than one floor level. If the finished floor level directly above a basement or unused under-floor space is more than six feet (1829 mm) above grade for more than 50 percent of the total perimeter or is more than 12 feet (3658 mm) above grade at any point, the basement or unused under-floor space shall be considered as a story.

[BG] STORY ABOVE GRADE PLANE. Any story having its finished floor surface entirely above grade plane, or in which the finished surface of the floor next above is:

- More than 6 feet (1829 mm) above grade plane; or
- More than 12 feet (3658 mm) above the finished ground level at any point.

Existing building assumed to be **Type II-A construction without area increase:**

- Allowable area for A-1 occupancy: 46,500 sf and four stories
- Height limit: 85 ft

OCCUPANCY CLASSIFICATION	SEE FOOTNOTES	TYPE OF CONSTRUCTION									
		TYPE I		TYPE II		TYPE III		TYPE IV		TYPE V	
		A	B	A	B	A	B	HT	A	B	
A-1	NS	UL	5	3	3	2	2	3	2	2	
	S	UL	6	3	3	2	2	3	2	2	
	SM (with area increase)	UL	3	3	2	2	2	3	2	2	

OCCUPANCY CLASSIFICATION	SEE FOOTNOTES	TYPE OF CONSTRUCTION									
		TYPE I		TYPE II		TYPE III		TYPE IV		TYPE V	
		A	B	A	B	A	B	HT	A	B	
B, F, M, S, U	NS	UL	160	05'	55'	55'	55'	65'	50'	40'	
	S	UL	180	85'	75'	85'	75'	85'	70'	60'	
	SM	UL	100	40'	35'	40'	35'	40'	30'	40'	
A, E	S (with area increase)	UL	160	80'	75'	85'	75'	85'	70'	60'	
	SM (with area increase)	UL	100	40'	35'	40'	35'	40'	30'	40'	

OCCUPANCY CLASSIFICATION	SEE FOOTNOTES	TYPE OF CONSTRUCTION									
		TYPE I		TYPE II		TYPE III		TYPE IV		TYPE V	
		A	B	A	B	A	B	HT	A	B	
A-1	NS	UL	UL	13,500	7,500	14,000	8,500	15,000	11,500	3,500	
	S	UL	UL	12,500	7,000	14,000	8,000	14,000	10,000	3,000	
	SM (with area increase)	UL	UL	30,500	25,500	42,000	35,500	45,000	34,500	16,500	

The allowable height and area for the A-1 occupancy per Chapter 5 will accommodate the proposed building area without allowable increases for sprinklers and will accommodate the proposed height with no height increases necessary. No area increases for location on property were calculated since the base allowable area exceeds that of the proposed new building total area.

Chapter 6: Types of Construction:

Table 601: Type II-A Construction: Would require new elements to be one-hour fire rated except for interior nonbearing walls and partitions.

BUILDING ELEMENT	TYPE I			TYPE II			TYPE III			TYPE IV			TYPE V		
	A	B	HT	A	B	HT	A	B	HT	A	B	HT	A	B	
Primary structural frame (see Section 202)	3"	2"	1	0	1	0	1	0	HT	1	0				
Bearing walls															
Exterior*	3	2	1	0	2	2	2	1	0						
Interior	3"	2"	1	0	1	0	1	0	1/8RT	1	0				
Nonbearing walls and partitions	See Table 602														
Exterior															
Nonbearing walls and partitions	0	0	0	0	0	0	0	0	See Section 602.4.6	0	0				
Interior*															
Floor construction and associated secondary members (see Section 202)	2	2	1	0	1	0	HT	1	0						
Roof construction and associated secondary members (see Section 202)	1 1/2"	1"	1"	0"	1"	0"	HT	1"	0						

New primary structural frame members to be one-hour fire rated. Exposed structural frame members to have intumescent paint.

Table 602: Some exterior walls are required to be 1-hour rated due to fire separation distance being in the range of 10' to 30' from the new building footprint to existing buildings

FIRE SEPARATION DISTANCE (s, feet)	TYPE OF CONSTRUCTION	OCCUPANCY GROUP F, M, S, U		OCCUPANCY GROUP A, B, E, F-2, L, W, S2, U*	
		A	B	A	B
X < 5'	All	2	2	1	1
5 ≤ X < 10'	IA, IB, IB, IB, Others	2	2	1	1
10 ≤ X < 30'	IA, IB, IB, IB, Others	2	1	1	1
X ≥ 30'	All	0	0	0	0

Table 705.8: Exterior wall openings are not limited due to fire separation distance since the distance exceeds 20 feet. The walls at the south and west sides of the building are in the fire separation distance range of 15'-20' so the maximum allowable opening percentage on those facades is 75% open at each story. This should not be an issue since these walls are essentially blank walls.

FIRE SEPARATION DISTANCE (DWS)	DEGREE OF OPENING PROTECTION	ALLOWABLE AREA*
0 to less than 3'-11"	Depressed, Non-sprinklered (U.P., NS)	Not Permitted ^a
	Depressed, Sprinklered (U.P., S)	Not Permitted ^a
3 to less than 5'-0"	Protected (P)	Not Permitted ^a
	Depressed, Non-sprinklered (U.P., NS)	Not Permitted
	Depressed, Sprinklered (U.P., S)	15%
	Protected (P)	10%
5 to less than 10'-11"	Depressed, Non-sprinklered (U.P., NS)	25%
	Depressed, Sprinklered (U.P., S)	25%
	Protected (P)	25%
	Depressed, Non-sprinklered (U.P., NS)	25%
10 to less than 15'-11"	Depressed, Non-sprinklered (U.P., NS)	25%
	Depressed, Sprinklered (U.P., S)	45%
	Protected (P)	45%
	Depressed, Non-sprinklered (U.P., NS)	45%
15 to less than 20'-11"	Depressed, Non-sprinklered (U.P., NS)	25%
	Depressed, Sprinklered (U.P., S)	55%
	Protected (P)	55%
	Depressed, Non-sprinklered (U.P., NS)	45%
20 to less than 25'-0"	Depressed, Non-sprinklered (U.P., NS)	No Limit
	Depressed, Sprinklered (U.P., S)	No Limit
	Protected (P)	No Limit
	Depressed, Non-sprinklered (U.P., NS)	75%
25 to less than 30'-11"	Depressed, Non-sprinklered (U.P., NS)	No Limit
	Depressed, Sprinklered (U.P., S)	No Limit
	Protected (P)	No Limit
	Depressed, Non-sprinklered (U.P., NS)	No Limit

Chapter 9: Fire Protection Systems

Fire Area: Fire area is defined as the floor area enclosed by exterior building walls. Horizontal projections of the roof or floor above shall be included in the fire area.

Section 903.2.1.1: Group A-1 occupancies are required to have fire sprinklers when the fire area exceeds 12,000 square feet or there is an occupant load of 500 or more. **Therefore, fire sprinklers are required. Also, in order for the allowable building area to occur in a Type IIA building sprinklers will be required.**

Chapter 10: Means of Egress

Table 1004.2: Allowable areas per occupant/sf

Accessories storage areas and mechanical equipment	300 gross
Assembly without fixed seats (unconcentrated)	15 net
Assembly areas with fixed seats	Based on number of seats
Business areas	150 gross
Classrooms	20 net

Table 1006.2.1 Common Path of Egress Travel in A occupancies: 75 feet (with sprinkler system)

Common Path of Egress Travel in B occupancy: 100 feet (with sprinkler system)

Table 1017.2 Exit Access Travel Distance: 250 feet (with sprinkler system)

Table 1020.1 Corridor Fire-Resistance Rating: No rating is required with a sprinkler system is installed.

Section 1029.3.1 Occupant Loads between 100 and 300

1029.3.1 Occupant loads between 100 and 300. Group A occupancies or assembly occupancies necessary to Group E occupancies that have an occupant load of 100 to 300 not less than one of the required means of egress shall exit through one of the following:

1. Directly to an exit.
2. Egress through a lobby that is not used to access the other required exit.
3. To a one-hour rated corridor to an exit.
4. Continuous through a one-hour rated lobby to an exit. Not less than one exit shall discharge on a street or an unoccupied space of not less than 20 feet (6096 mm) in capacity that adjoins a street or public way.

Accessibility

11B-202.4 Path of Travel Requirements

For alterations, additions, and structural repairs, the building code requires an accessible path of travel to be provided to the area of alteration. That path of travel must include:

- A primary entrance to the building
- Toilet facilities
- Drinking fountains (if provided)
- Telephones (if provided)
- Signage

Accessible Seating Requirements

The auditorium will have 300 fixed seats. Per Table 11B-221.2.1.1, the project is required to provide 5 wheelchair spaces.

NUMBER OF SEATS	MINIMUM NUMBER OF REQUIRED WHEELCHAIR SPACES
4-25	1
26 to 50	2
51 to 100	4
101 to 200	6
201 to 500	6, plus 1 for each 100, or fraction thereof, between 201 through 500
500 and over	4% plus 1 for each 200, or fraction thereof, over 500

Per Section 11B-221.2.3.2, vertical dispersion shall not be required in assembly areas with 300 or fewer seats if the wheelchair spaces provide viewing angles that are equivalent to, or better than, the average viewing angle provided in the facility.

PROJECT:
LANEY COLLEGE THEATER
MODERNIZATION PROJECT
 OAKLAND, CA
 PROJECT NUMBER:
202004.00
 CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
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SPECIFICATIONS:
 TOPFLIGHT SPECS
 40 GEARY STREET, SUITE 230
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REVISION	NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN
 DATE:
AUGUST 3, 2020

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:
CODE SUMMARY

SHEET NUMBER:
A002

PROJECT:
**LANEY COLLEGE
THEATER**

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
ARCHITECT:
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LOW VOLTAGE:
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180 GRAND STREET, SUITE 950
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SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

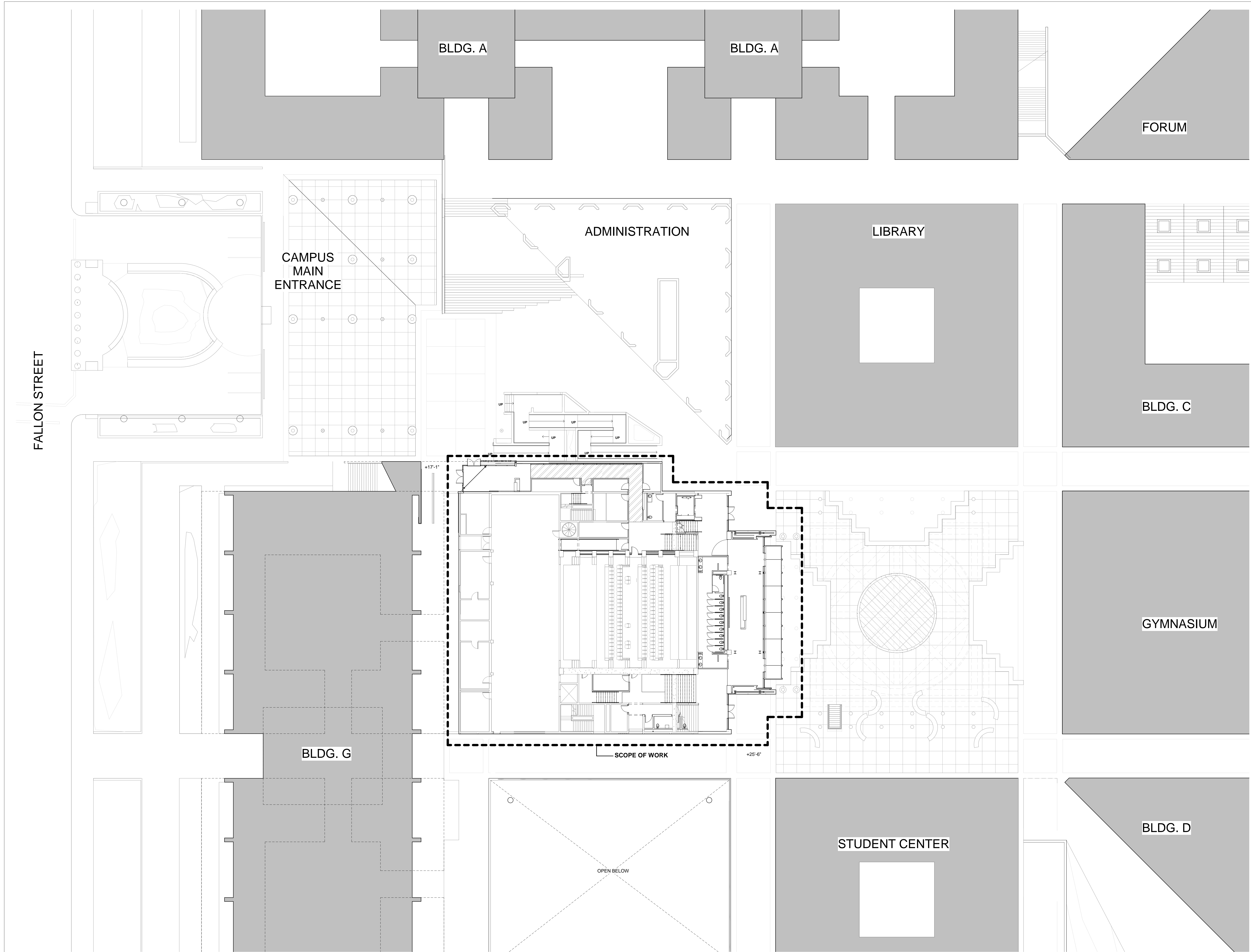
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**NOT FOR
CONSTRUCTION**

SHEET TITLE:
SITE PLAN

SHEET NUMBER:

A100



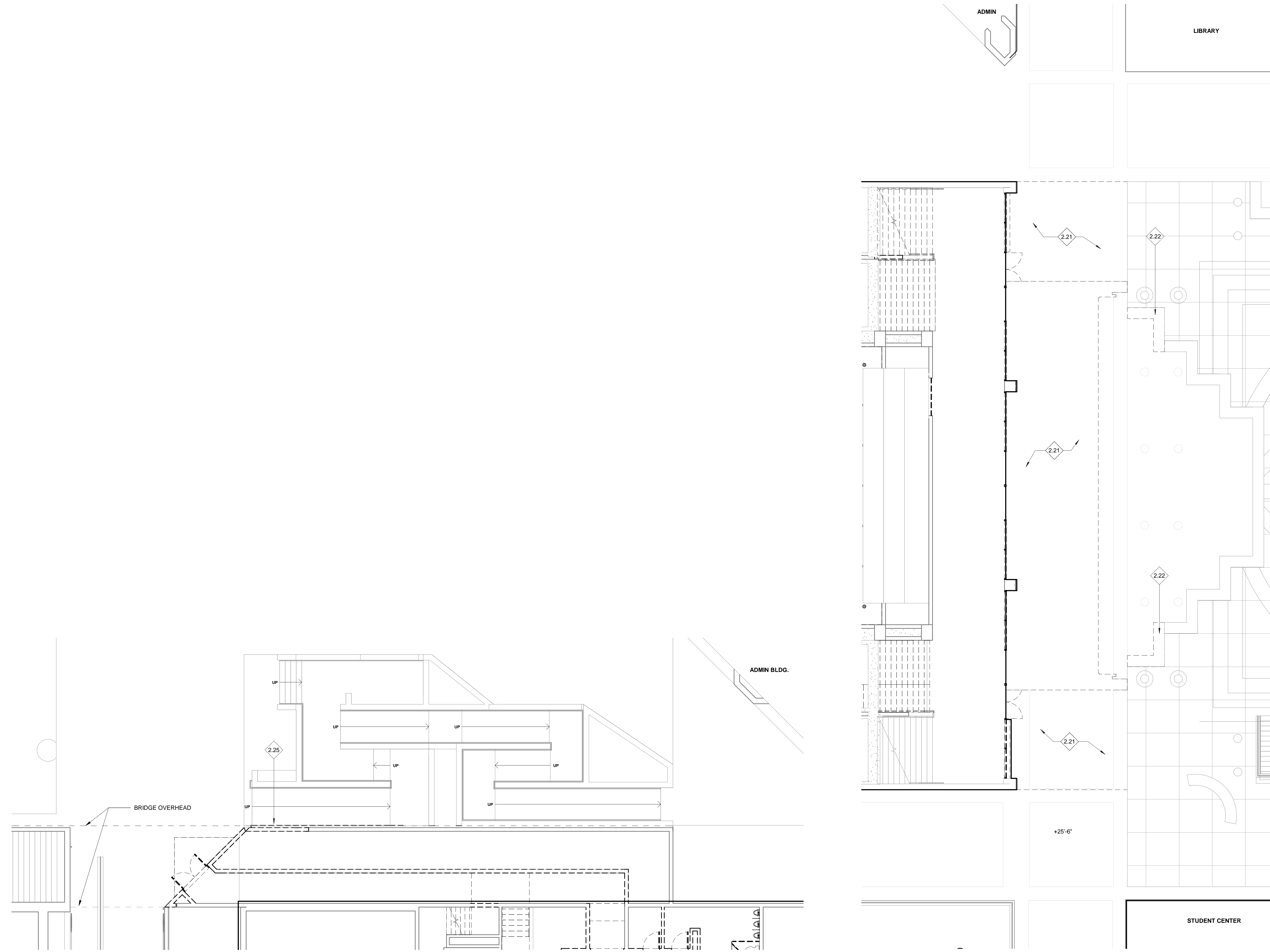
1 SITE PLAN
1/16" = 1'-0"

DEMOLITION NOTES

1. VERIFY CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT TO OBTAIN RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.
2. EXISTING DIMENSIONS NOTED AS (E) ARE PROVIDED FOR CONVENIENCE ONLY. VERIFY ALL DIMENSIONS IN FIELD.
3. PROTECT EXISTING FINISHES AND ELEMENTS DURING CONSTRUCTION.
4. VERIFY DIMENSIONS IN FIELD IN RELATION TO EXISTING FEATURES, TYP.

KEYNOTES #

ITEM #	DESCRIPTION
2.21	REMOVE (E) SITE PAVING
2.22	(E) CONCRETE SEATING TO BE MODIFIED
2.25	REMOVE (E) HANDRAIL



2 DEMOLITION SITE PLAN - NORTH LOBBY
1/8" = 1'-0"

1 DEMOLITION SITE PLAN - EAST LOBBY
1/8" = 1'-0"

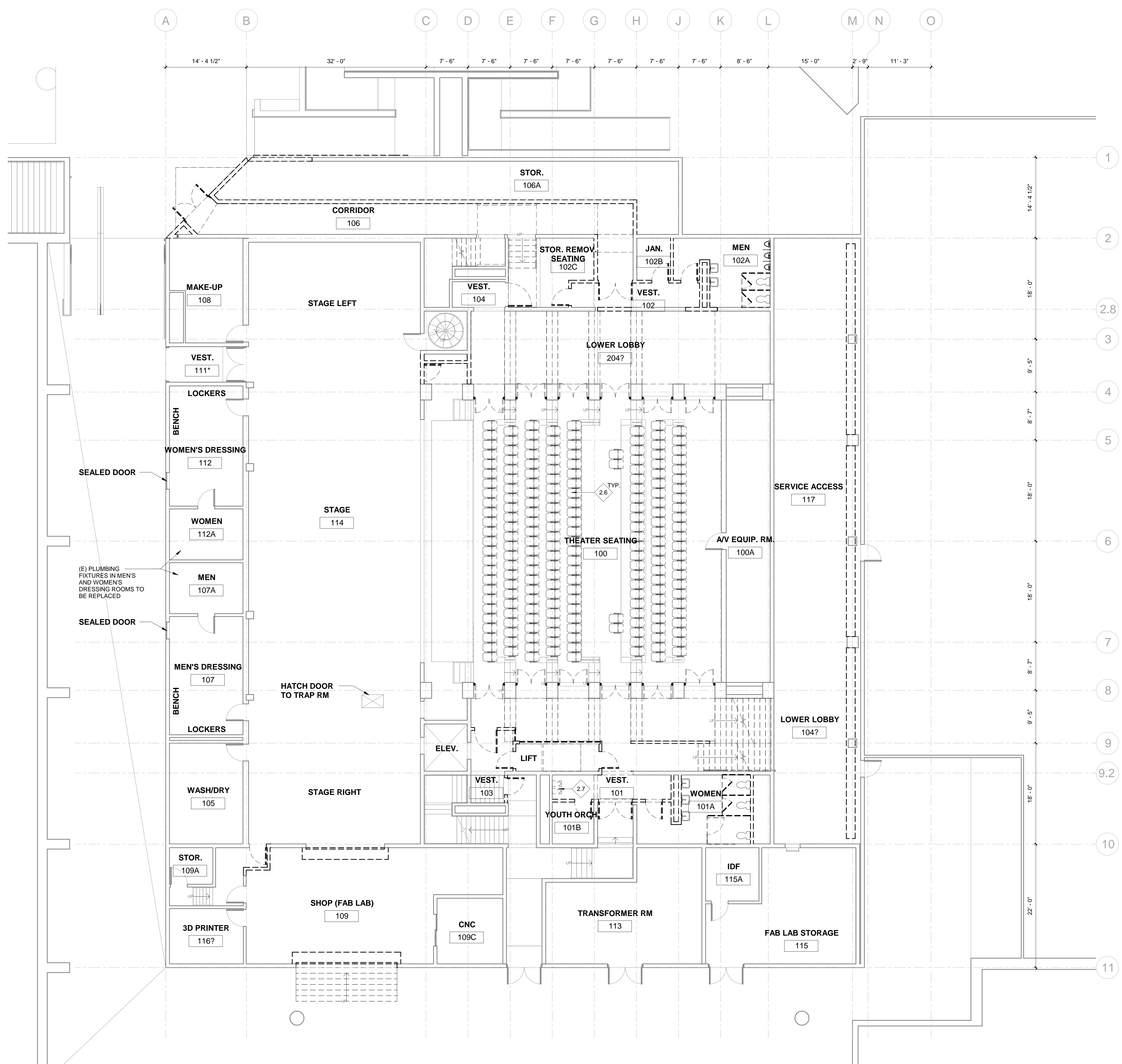
REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN
DATE:
AUGUST 3, 2020

STAMP:
**NOT FOR
CONSTRUCTION**

SHEET TITLE:
**SITE DEMOLITION
PLAN**

SHEET NUMBER:
A100D



1 DEMOLITION PLAN - LEVEL 1 (STAGE)
1/8" = 1'-0"

DEMOLITION NOTES

1. VERIFY CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT TO OBTAIN RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.
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4. VERIFY DIMENSIONS IN FIELD IN RELATION TO EXISTING FEATURES, TYP.

KEYNOTES

ITEM #	DESCRIPTION
2.6	REMOVE (E) THEATER SEATING
2.7	REMOVE (E) DRINKING FOUNTAIN, SALVAGE FOR REUSE



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
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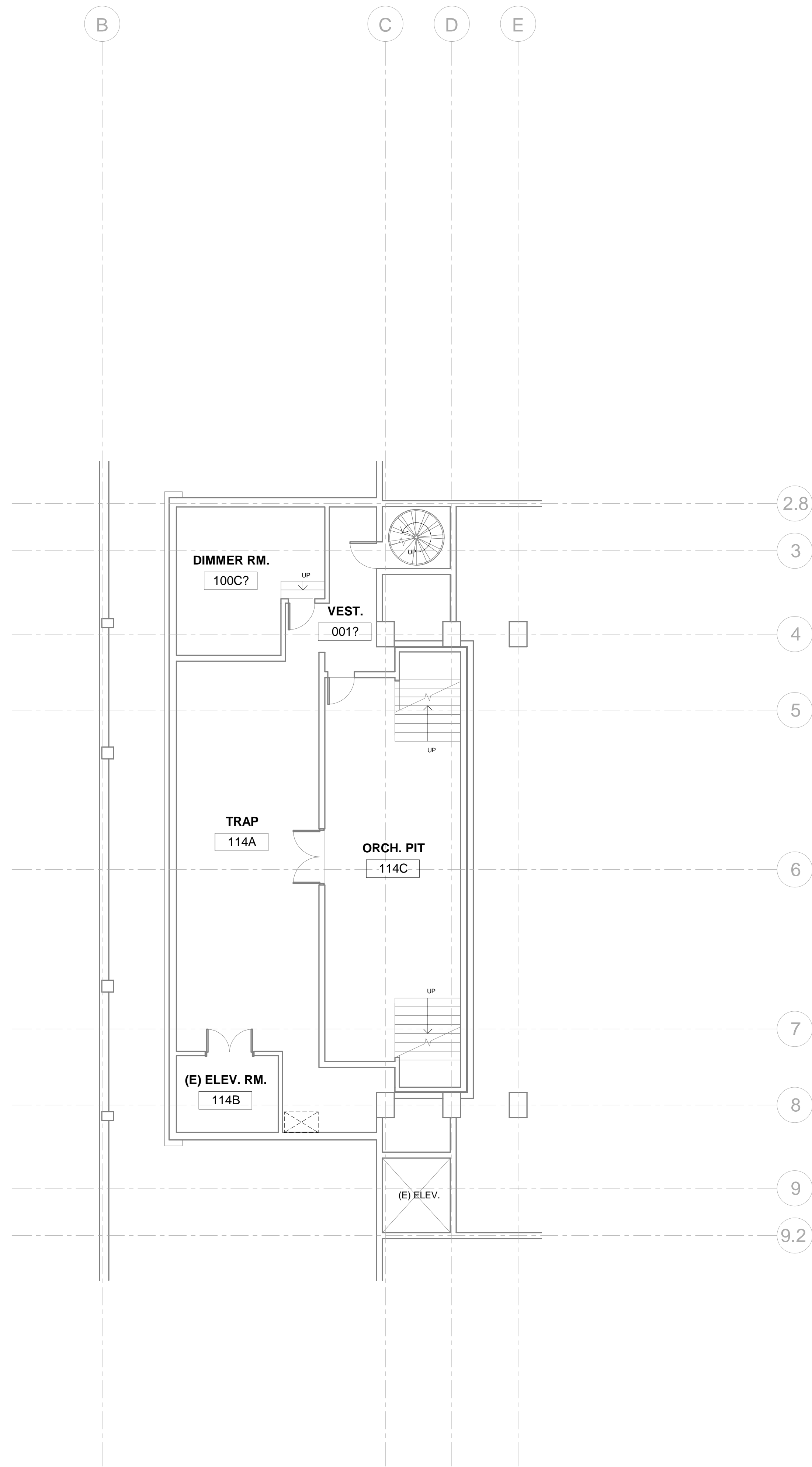
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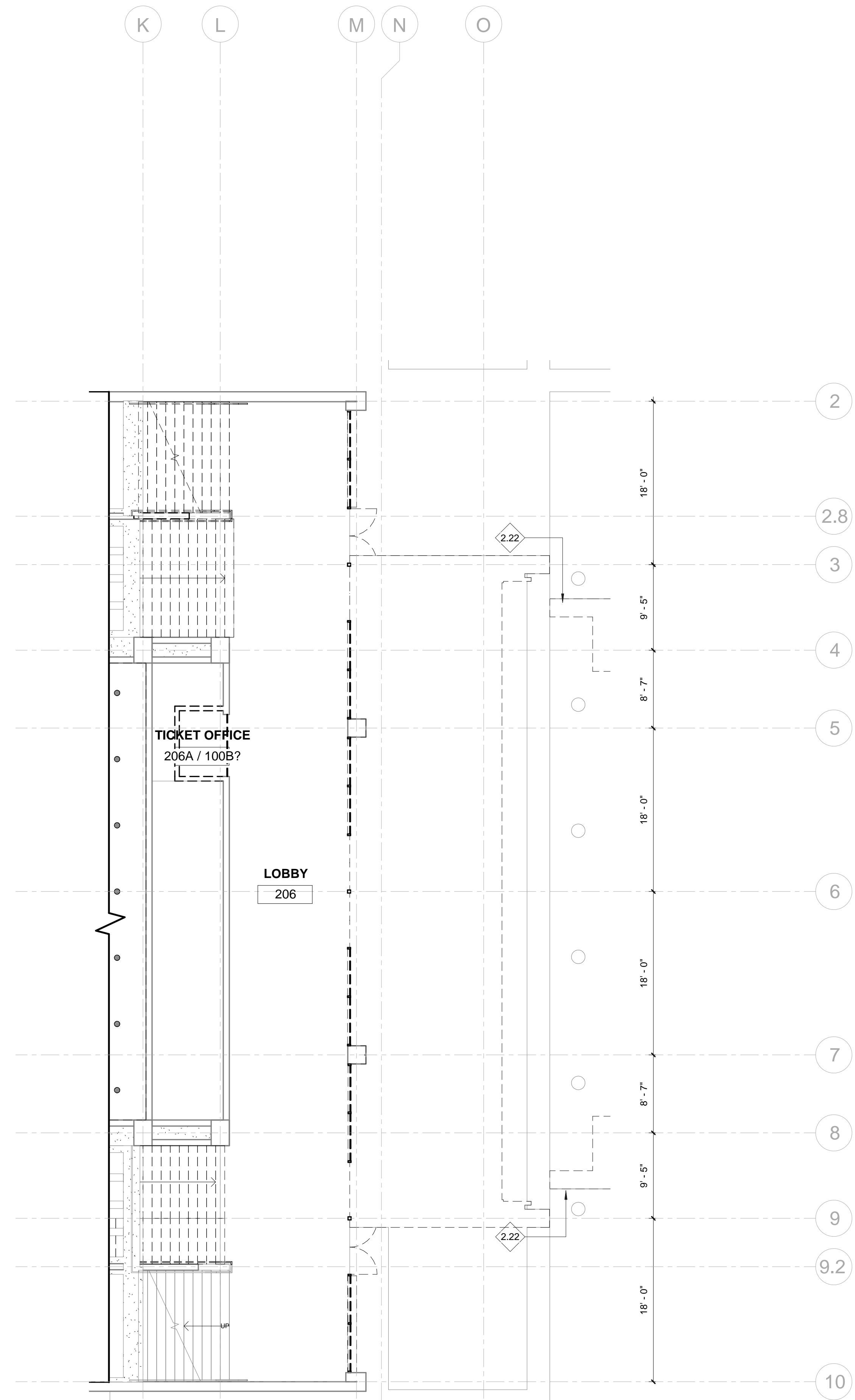
SHEET TITLE:
DEMOLITION PLAN - STAGE LEVEL

SHEET NUMBER:

A101



2 DEMOLITION PLAN - LEVEL 0 (BASEMENT)
1/8" = 1'-0"



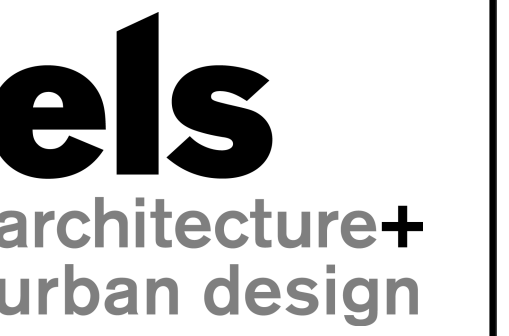
1 DEMOLITION PLAN - LEVEL 1.5 (LOBBY)
1/8" = 1'-0"

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KEYNOTES

ITEM #	DESCRIPTION
2.22	(E) CONCRETE SEATING TO BE MODIFIED



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
Berkeley, CA 94704
TEL: (510) 549-2929

CIVIL ENGINEER:
GSW / STZ
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Novato, CA 94949
TEL: (415) 883-9850

STRUCTURAL ENGINEER:
FORELLE/SESSER ENGINEERS
180 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
ALTER CONSULTING ENGINEERS
1824 FRANKLIN STREET #1300
OAKLAND, CA 94612
TEL: (510) 876-2591

ELECTRICAL & FIRE ALARM ENGINEER:
FLJA
1620 MONTGOMERY STREET, SUITE 250
SAN FRANCISCO, CA 94111
TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
HYT CORPORATION
3498 CLAYTON ROAD, SUITE #101
CONCORD, CA 94519
TEL: (925) 681-2731

THEATRE:
THE SHALLECK COLLABORATIVE, INC.
1553 MARTIN LUTHER KING JR. WAY
BERKELEY, CA 94709
TEL: (415) 956-4100

ACOUSTICS:
SALTER
130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

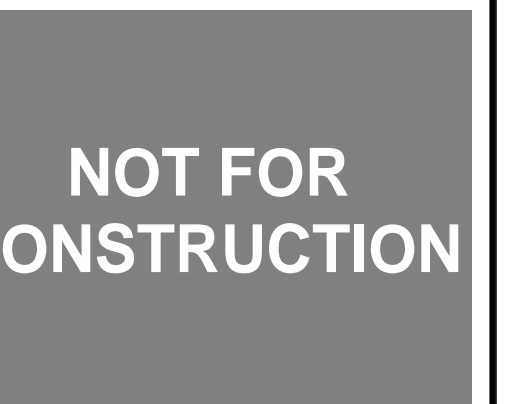
REVISION

NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

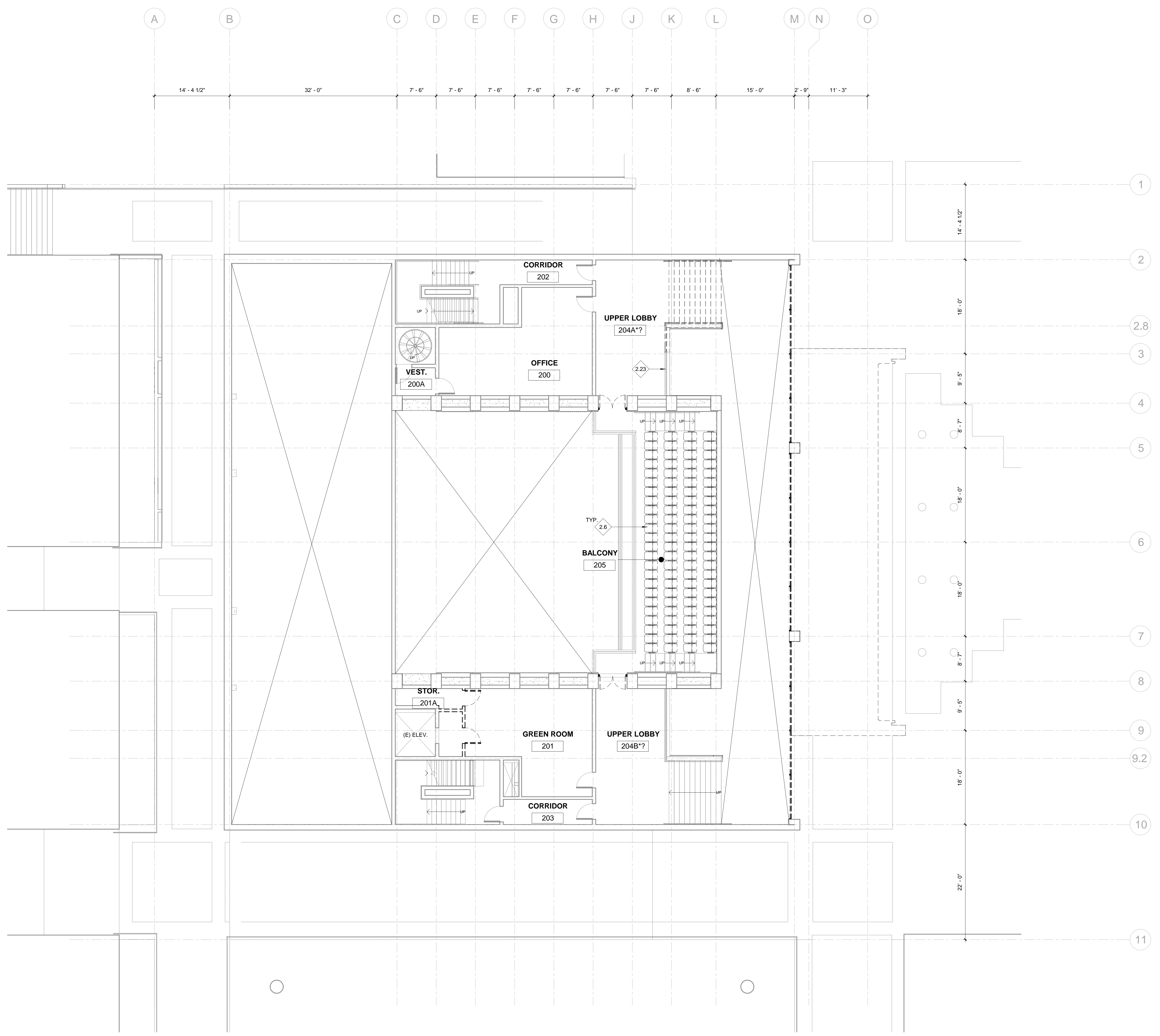
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SHEET TITLE:
DEMOLITION PLAN - BASEMENT AND LOBBY LEVEL

SHEET NUMBER:

A102



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

DEMOLITION NOTES

1. VERIFY CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT TO OBTAIN RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.
2. EXISTING DIMENSIONS NOTED AS (E) ARE PROVIDED FOR CONVENIENCE ONLY. VERIFY ALL DIMENSIONS IN FIELD.
3. PROTECT EXISTING FINISHES AND ELEMENTS DURING CONSTRUCTION.
4. VERIFY DIMENSIONS IN FIELD IN RELATION TO EXISTING FEATURES, TYP.

KEYNOTES

ITEM #	DESCRIPTION
2.6	REMOVE (E) THEATER SEATING
2.23	(E) WOOD AND METAL RAIL TO REMAIN, WOOD TO BE REFINISHED



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
Berkeley, CA 94704
TEL: (510) 549-2229

CIVIL ENGINEER:
GSW | ST2
45 Leveroni Court
Novato, CA 94949
TEL: (415) 883-8850

STRUCTURAL ENGINEER:
FORELL/ELSESSER ENGINEERS
180 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
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1824 FRANKLIN STREET #1300
OAKLAND, CA 94612
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ELECTRICAL & FIRE ALARM ENGINEER:
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1620 MONTGOMERY STREET, SUITE 250
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ACOUSTICS:
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LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION

NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

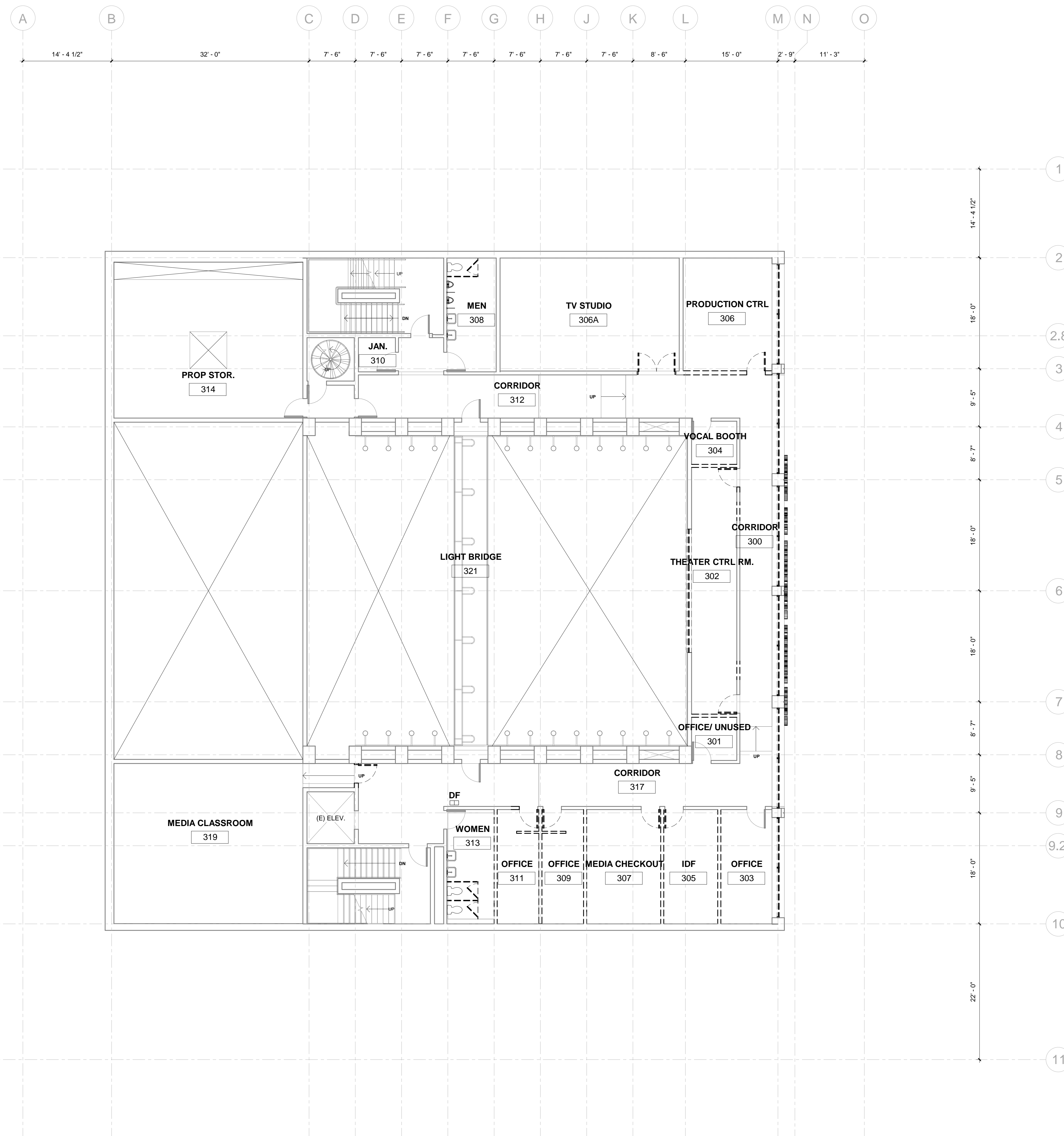
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SHEET TITLE:
DEMOLITION PLAN - LEVEL 2

SHEET NUMBER:

A103



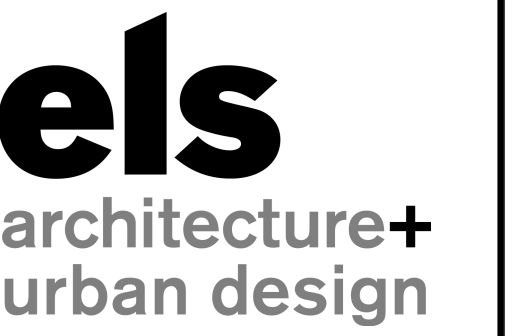
1 DEMOLITION PLAN - LEVEL 3
1/8" = 1'-0"

DEMOLITION NOTES

1. VERIFY CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT TO OBTAIN RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.
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3. PROTECT EXISTING FINISHES AND ELEMENTS DURING CONSTRUCTION.
4. VERIFY DIMENSIONS IN FIELD IN RELATION TO EXISTING FEATURES, TYP.

KEYNOTES #

ITEM #	DESCRIPTION



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

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TEL: (415) 956-4100

ACOUSTICS:
SALTER
130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
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TEL: (415) 546-6033

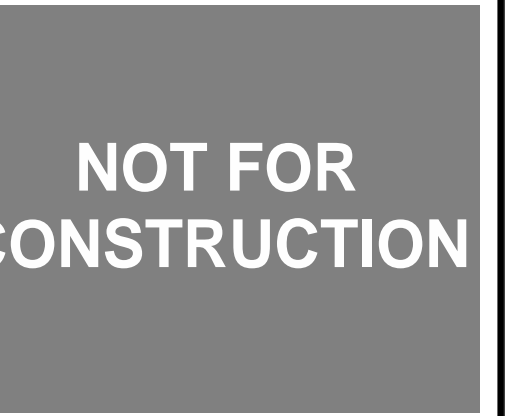
REVISION

NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

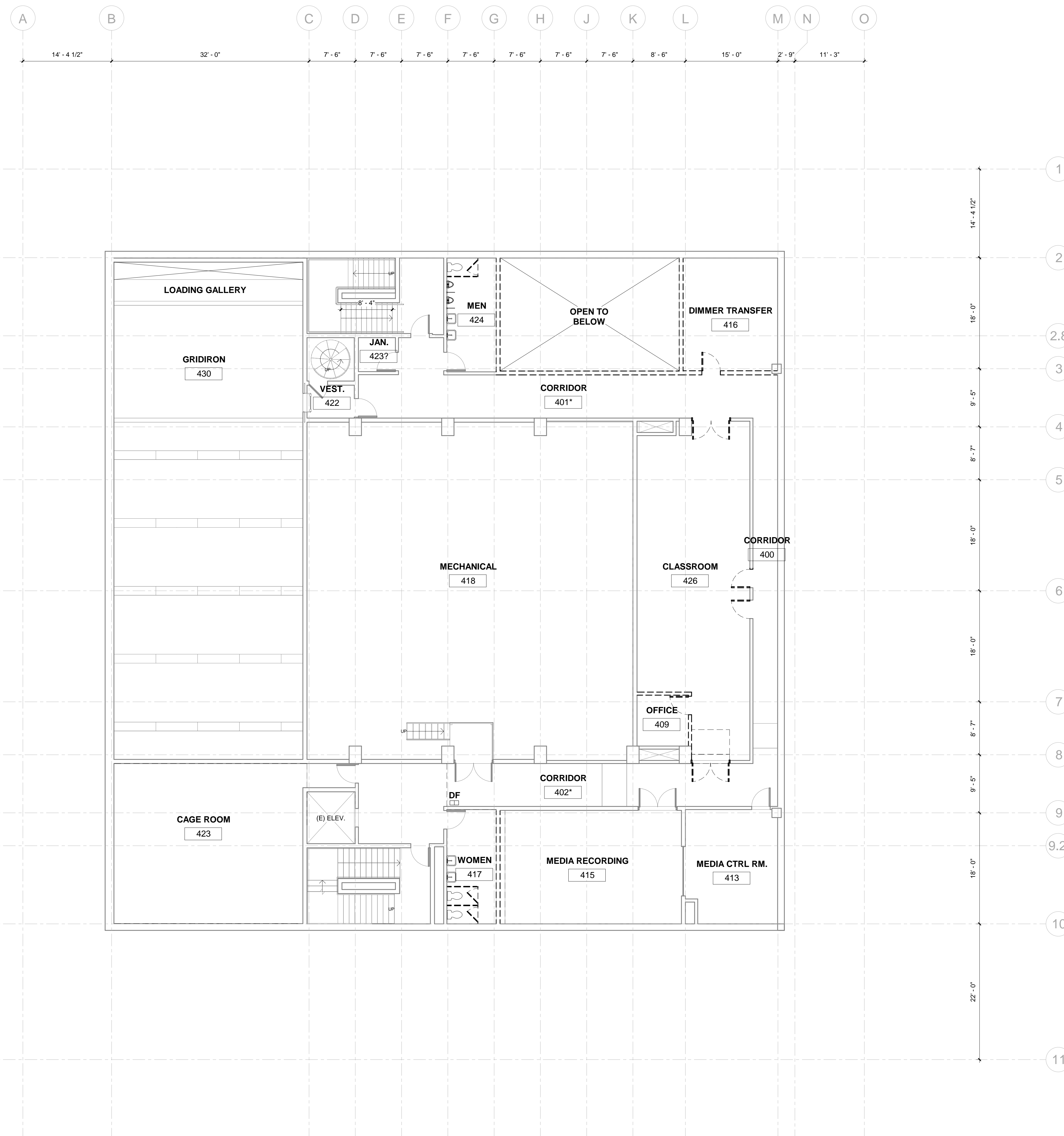
STAMP:



SHEET TITLE:
DEMOLITION PLAN - LEVEL 3

SHEET NUMBER:

A104



1 DEMOLITION PLAN - LEVEL 4
1/8" = 1'-0"

DEMOLITION NOTES

1. VERIFY CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT TO OBTAIN RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.
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4. VERIFY DIMENSIONS IN FIELD IN RELATION TO EXISTING FEATURES, TYP.

KEYNOTES #

ITEM #	DESCRIPTION
--------	-------------



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
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TEL: 510-549-2929

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CSW | ST2
45 Leveoni Court
Novato, CA 94949
TEL: (415) 883-9850

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180 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

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ALTER CONSULTING ENGINEERS
1824 FRANKLIN STREET #1300
OAKLAND, CA 94612
TEL: (510) 876-2591

ELECTRICAL & FIRE ALARM ENGINEER:
FLJA
1620 MONTGOMERY STREET, SUITE 250
SAN FRANCISCO, CA 94111
TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
HYT CORPORATION
3498 CLAYTON ROAD, SUITE #101
CONCORD, CA 94519
TEL: (925) 681-2731

THEATRE:
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1553 MARTIN LUTHER KING JR. WAY
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TEL: (415) 956-4100

ACOUSTICS:
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130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

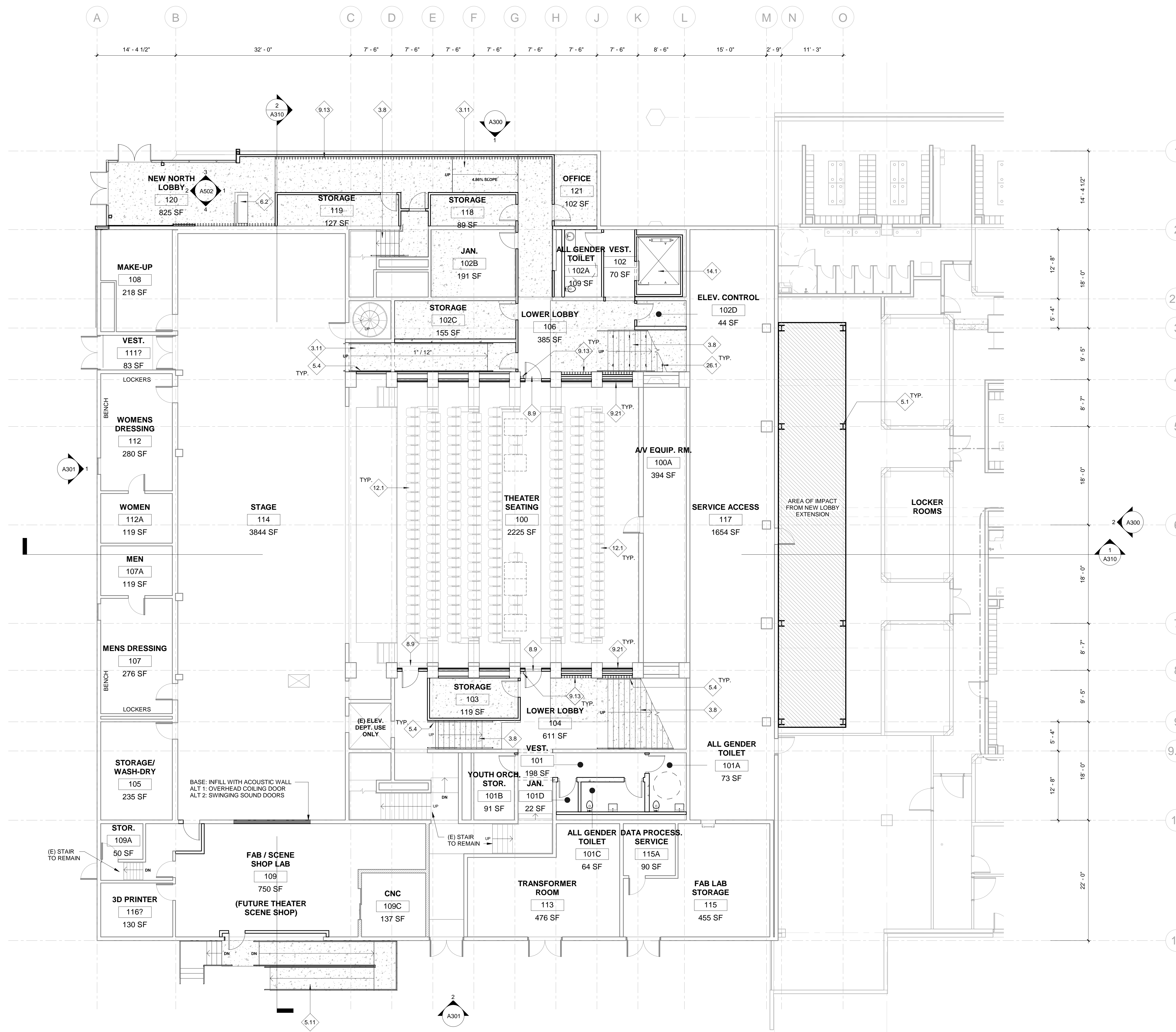
ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020



SHEET TITLE:
DEMOLITION PLAN - LEVEL 4

SHEET NUMBER:
A105



1 FLOOR PLAN - LEVEL 1 (STAGE)
1/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
3.8	C.I.P. CONCRETE STAIR
3.11	C.I.P. CONCRETE RAMP
5.1	STRUCTURAL STEEL FRAMING, PAINTED, S.S.D.
5.4	METAL HANDRAIL, PAINTED
5.11	STEEL RAMP WITH CONCRETE FILLED PANS, PAINTED
6.2	CASEWORK
6.9	SOLID CORE WOOD DOOR
9.13	LINEAR WOOD WALL PANEL SYSTEM
9.21	VERTICAL WOOD INFILL PANELS TO MATCH (E)
12.1	THEATER SEATING
14.1	GEARLESS MACHINE-ROOM LESS ELEVATOR
26.1	LIGHT FIXTURE, S.E.D.

FLOOR PLAN LEGEND

- NON-RATED PARTITION OR FURRING
- NON-RATED LOW WALLS
- 1 HOUR RATED WALL
- WALL TAG
- DOOR TAG
- TACTILE ROOM ID SIGN, SEE SHEETS A905
- TACTILE EXIT SIGN, SEE SHEETS A905
- TACTILE EXIT ROUTE SIGN, SEE SHEETS A905
- FIRE RISER ROOM SIGNAGE
- ASSISTIVE LISTENING SYSTEM SIGNAGE, SEE SHEET A905
- NEW CONCRETE SLABS
- (E) CMU WALL



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
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TEL: (510) 546-2229

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180 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
ALTER CONSULTING ENGINEERS
1824 FRANKLIN STREET #1300
OAKLAND, CA 94612
TEL: (510) 876-2591

ELECTRICAL & FIRE ALARM ENGINEER:
RJA
1620 MONTGOMERY STREET, SUITE 250
SAN FRANCISCO, CA 94111
TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
HYT CORPORATION
3498 CLAYTON ROAD, SUITE #101
CONCORD, CA 94519
TEL: (925) 681-2731

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ACOUSTICS:
SALTER
130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

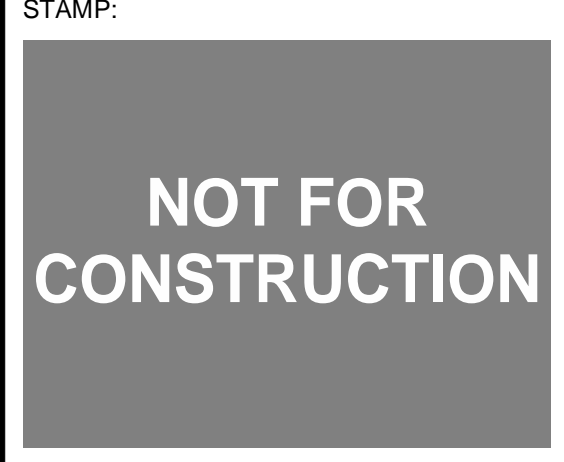
LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

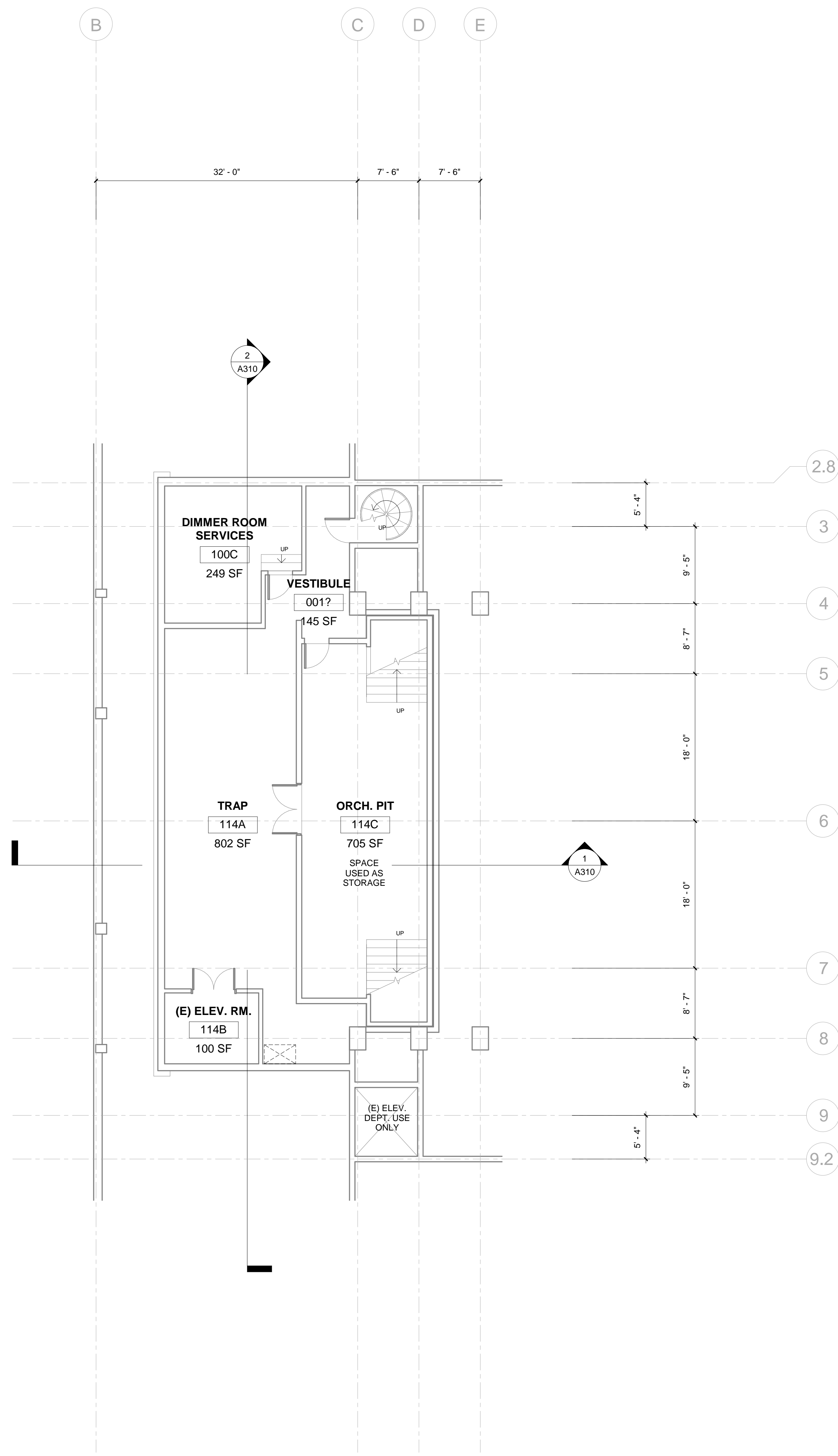
ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

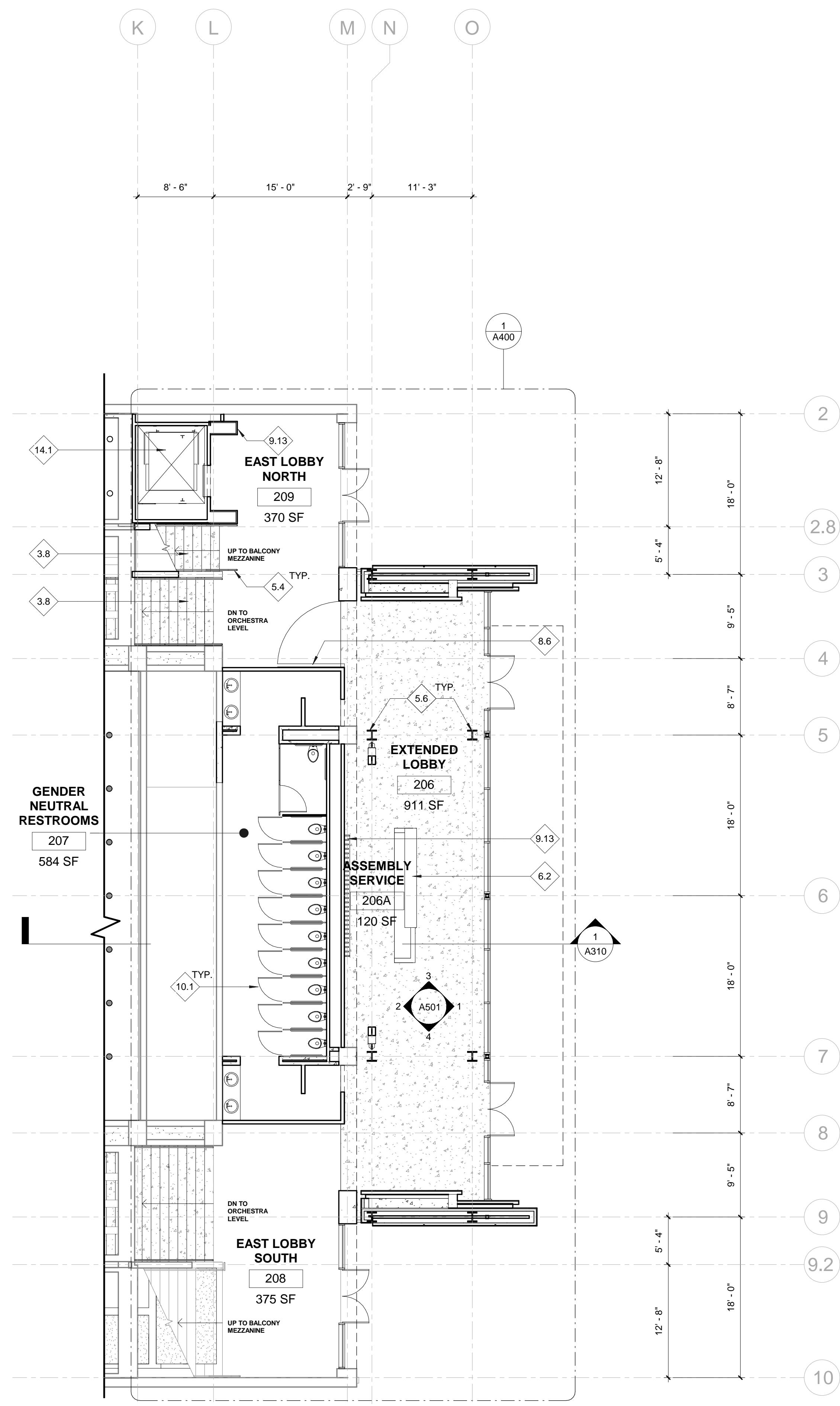


SHEET TITLE:
FLOOR PLAN - STAGE LEVEL

SHEET NUMBER:
A201



2 FLOOR PLAN - LEVEL 0 (BASEMENT)
1/8" = 1'-0"



1 FLOOR PLAN - LEVEL 1.5 (LOBBY)
1/8" = 1'-0"

SHEET NOTES

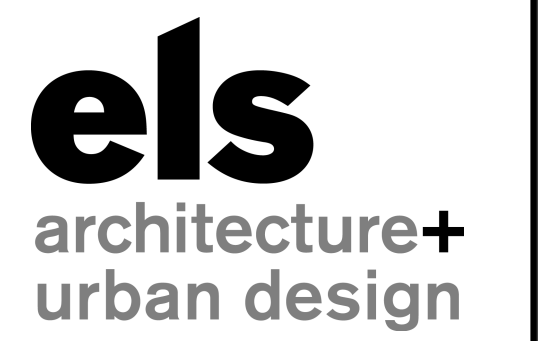
1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
3.8	C.I.P. CONCRETE STAIR
5.4	METAL HANDRAIL, PAINTED
5.6	A/ESS STRUCTURAL STEEL FRAMING, PAINTED, S.S.D.
6.2	CASEWORK
8.6	SWING GATE WITH DECORATIVE WOOD SLATS
9.13	LINEAR WOOD WALL PANEL SYSTEM
10.1	FULL HEIGHT PHENOLIC TOILET PARTITIONS
14.1	GEARLESS MACHINE-ROOM LESS ELEVATOR

FLOOR PLAN LEGEND

- NON-RATED PARTITION OR FURRING
- NON-RATED LOW WALLS
- 1 HOUR RATED WALL
- WALL TAG
- DOOR TAG
- TACTILE ROOM ID SIGN, SEE SHEETS A905
- TACTILE EXIT SIGN, SEE SHEETS A905
- TACTILE EXIT ROUTE SIGN, SEE SHEETS A905
- FIRE RISER ROOM SIGNAGE
- ASSISTIVE LISTENING SYSTEM SIGNAGE, SEE SHEET A905
- NEW CONCRETE SLABS
- (E) CMU WALL



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
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LOW VOLTAGE:
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SPECIFICATIONS:
TOPFLIGHT SPECS
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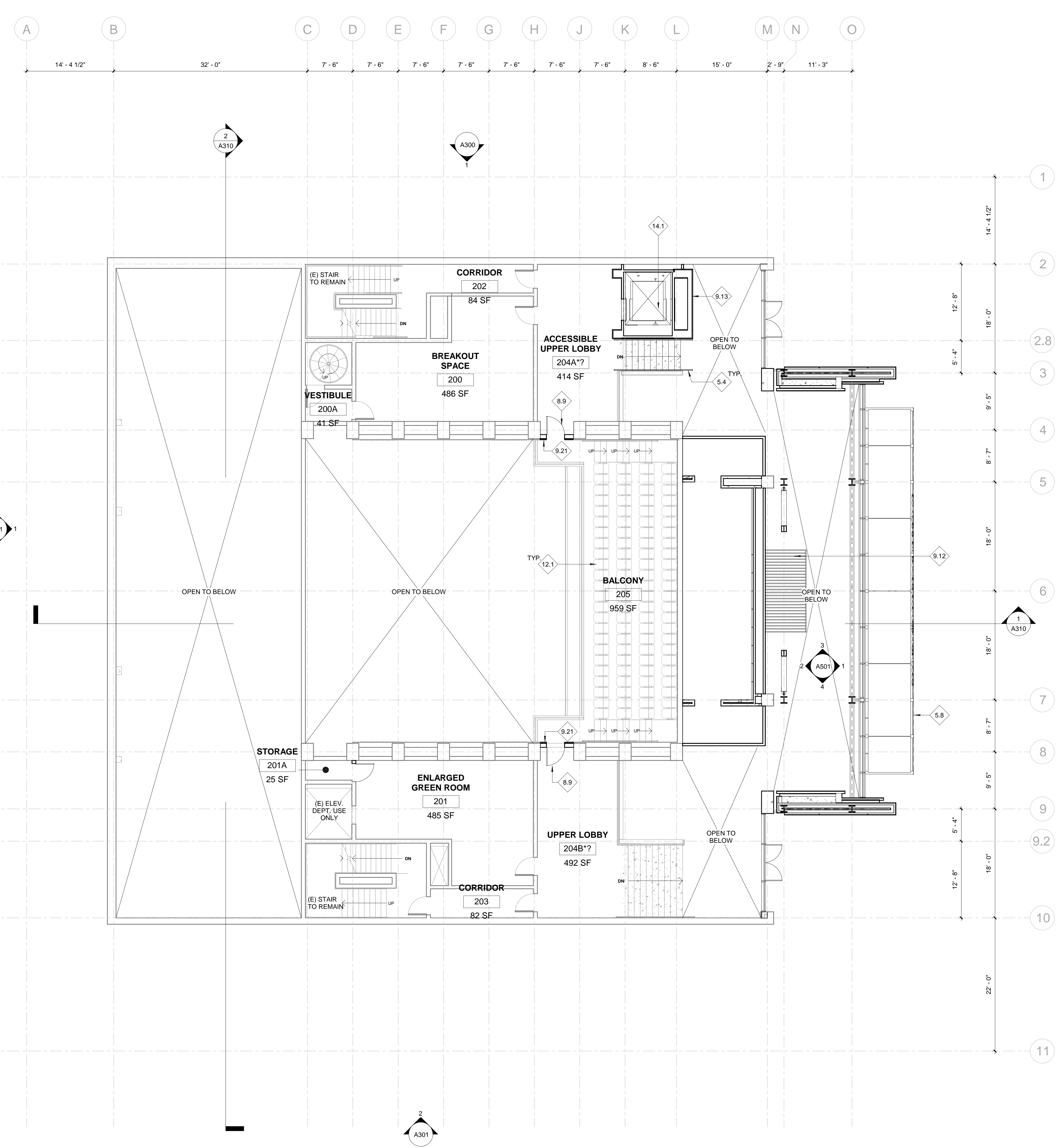
REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN
DATE:
AUGUST 3, 2020



SHEET TITLE:
FLOOR PLAN - BASEMENT AND LOBBY LEVEL

SHEET NUMBER:
A202



1 FLOOR PLAN - LEVEL 2
1/8" = 1'-0"

SHEET NOTES

- ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
- ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
- ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
- ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
5.8	AECS STEEL CANOPY, PAINTED
9.12	LINEAR WOOD CEILING SYSTEM
9.13	LINEAR WOOD WALL PANEL SYSTEM
9.21	VERTICAL WOOD INFILL PANELS TO MATCH (E)
12.1	THEATRE SEATING
14.1	GEARLESS MACHINE-ROOM LESS ELEVATOR

FLOOR PLAN LEGEND

- NON-RATED PARTITION OR FURRING
- NON-RATED LOW WALLS
- 1 HOUR RATED WALL
- WALL TAG
- DOOR TAG
- TACTILE ROOM ID SIGN, SEE SHEETS A905
- TACTILE EXIT SIGN, SEE SHEETS A905
- TACTILE EXIT ROUTE SIGN, SEE SHEETS A905
- FIRE RISER ROOM SIGNAGE
- ASSISTIVE LISTENING SYSTEM SIGNAGE, SEE SHEET A905
- NEW CONCRETE SLABS
- (E) CMU WALL

PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

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TOPFLIGHT SPECS
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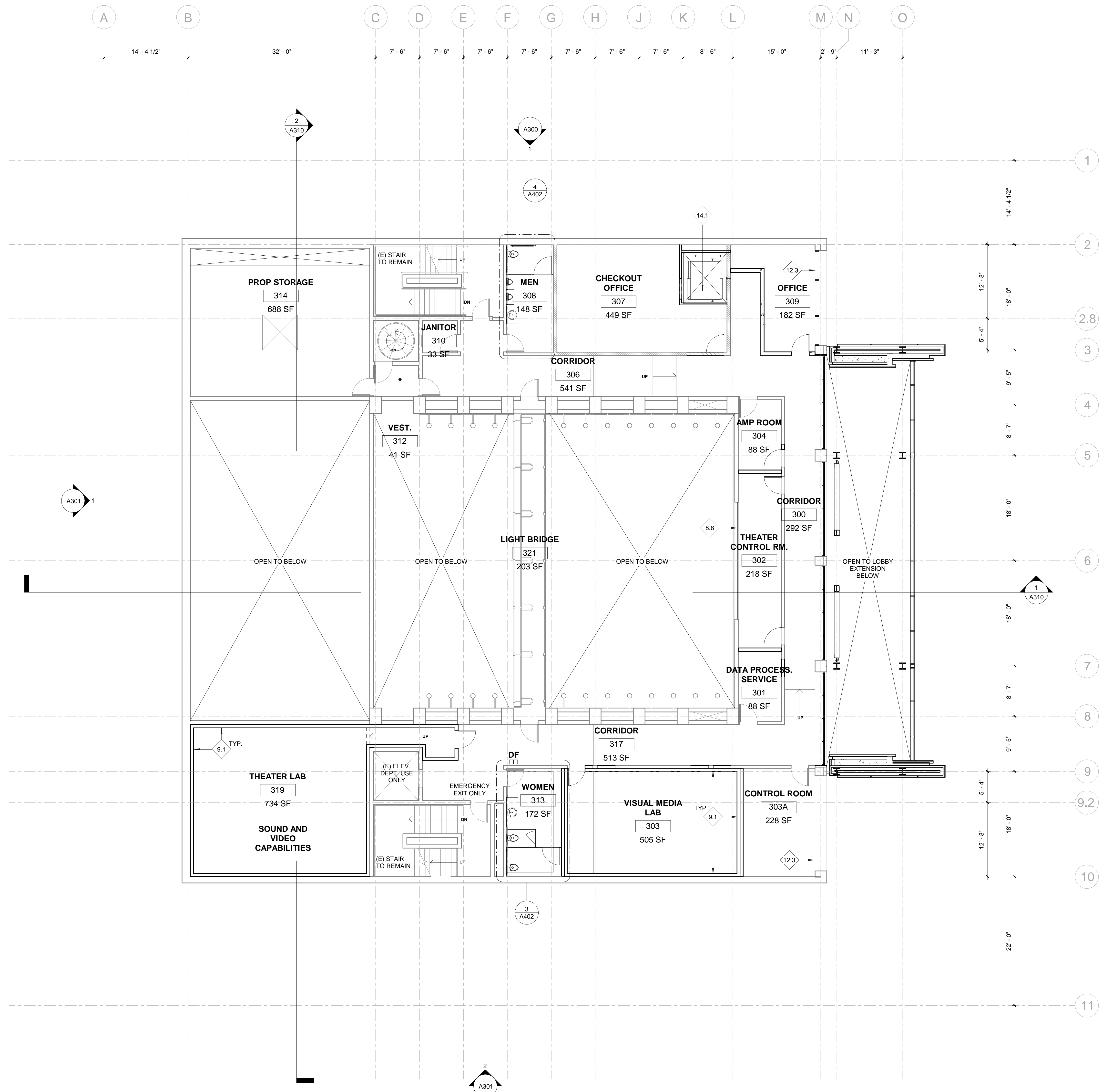
DATE:
AUGUST 3, 2020

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:
FLOOR PLAN - LEVEL 2

SHEET NUMBER:
A203



1 FLOOR PLAN - LEVEL 3
1/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
8.8	GLAZED WINDOW
9.1	ACOUSTIC PARTITION
12.3	WINDOW SHADES
14.1	GEARLESS MACHINE-ROOM LESS ELEVATOR

FLOOR PLAN LEGEND

- NON-RATED PARTITION OR FURRING
- NON-RATED LOW WALLS
- 1 HOUR RATED WALL
- WALL TAG
- DOOR TAG
- TACTILE ROOM ID SIGN, SEE SHEETS A905
- TACTILE EXIT SIGN, SEE SHEETS A905
- TACTILE EXIT ROUTE SIGN, SEE SHEETS A905
- FIRE RISER ROOM SIGNAGE
- ASSISTIVE LISTENING SYSTEM SIGNAGE, SEE SHEET A905
- NEW CONCRETE SLABS
- (E) CMU WALL



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
Berkeley, CA 94704
TEL: 510-549-2229

CIVIL ENGINEER:
CSW / ST2
45 Leveoni Court
Novato, CA 94949
TEL: (415) 883-9850

STRUCTURAL ENGINEER:
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180 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
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1824 FRANKLIN STREET #1300
OAKLAND, CA 94612
TEL: (510) 876-2591

ELECTRICAL & FIRE ALARM ENGINEER:
PLJA
1620 MONTGOMERY STREET, SUITE 250
SAN FRANCISCO, CA 94111
TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
HYT CORPORATION
3498 CLAYTON ROAD, SUITE #101
CONCORD, CA 94519
TEL: (925) 681-2731

THEATRE:
THE SHALLECK COLLABORATIVE, INC.
1553 MARTIN LUTHER KING JR. WAY
BERKELEY, CA 94709
TEL: (415) 956-4100

ACOUSTICS:
SALTER
130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION

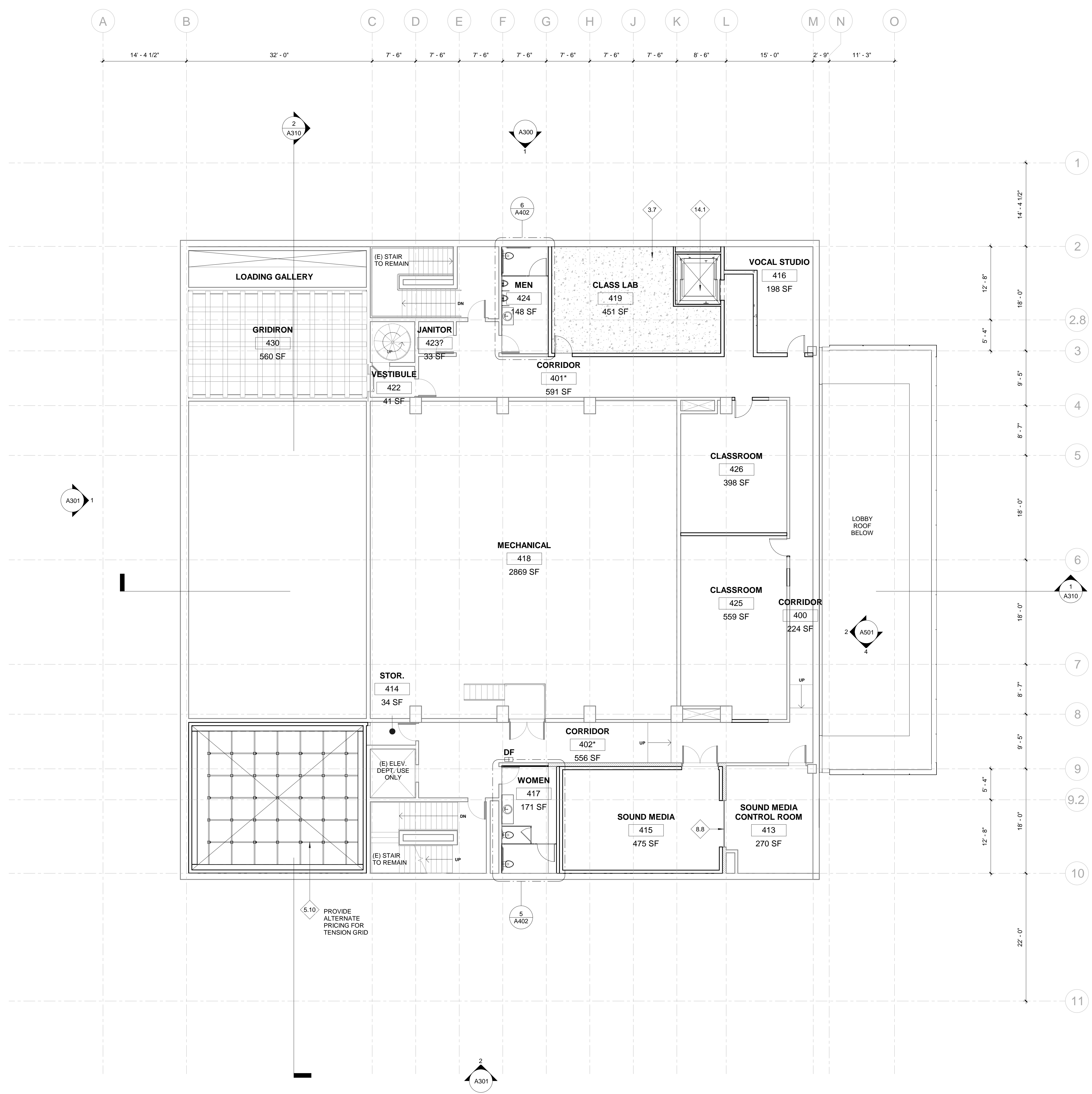
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN
DATE:
AUGUST 3, 2020

STAMP:
NOT FOR CONSTRUCTION

SHEET TITLE:
FLOOR PLAN - LEVEL 3

SHEET NUMBER:
A204



1 FLOOR PLAN - LEVEL 4
1/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
3.7	C.I.P. CONCRETE SLAB
5.10	SCHEDULE 40 PIPEGRID
8.8	GLAZED WINDOW
14.1	GEARLESS MACHINE-ROOM LESS ELEVATOR

FLOOR PLAN LEGEND

- NON-RATED PARTITION OR FURRING
- NON-RATED LOW WALLS
- 1 HOUR RATED WALL
- WALL TAG
- DOOR TAG
- TACTILE ROOM ID SIGN, SEE SHEETS A905
- TACTILE EXIT SIGN, SEE SHEETS A905
- TACTILE EXIT ROUTE SIGN, SEE SHEETS A905
- FIRE RISER ROOM SIGNAGE
- ASSISTIVE LISTENING SYSTEM SIGNAGE, SEE SHEET A905
- NEW CONCRETE SLABS
- (E) CMU WALL



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
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TEL: 510 546 2229

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45 Leveoni Court
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SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
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ELECTRICAL & FIRE ALARM ENGINEER:
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1620 MONTGOMERY STREET, SUITE 250
SAN FRANCISCO, CA 94111
TEL: (510) 876-2591

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ACOUSTICS:
SALTER
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SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
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OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION

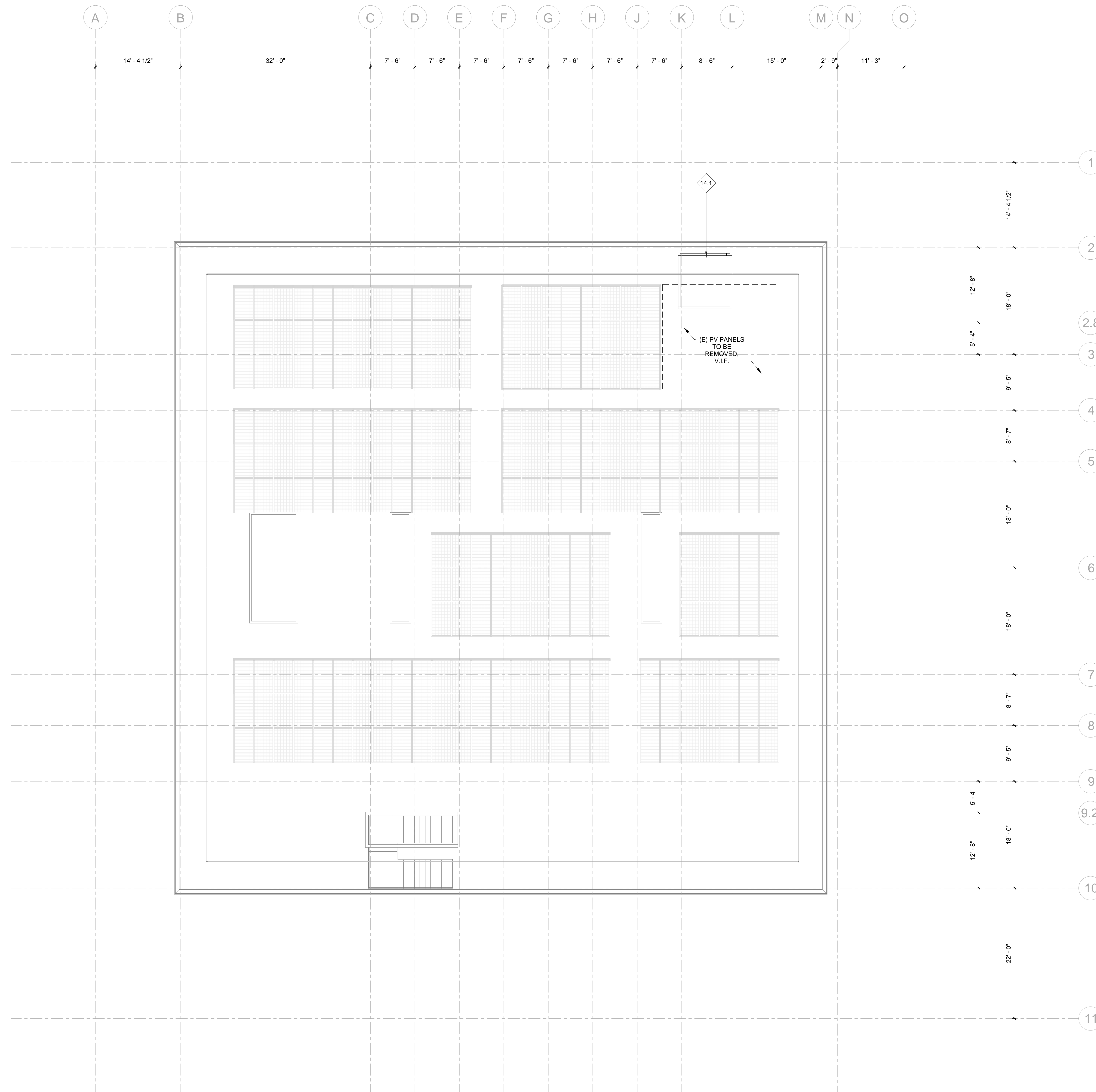
NUMBER	DATE	DESCRIPTION

ISSUE:
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DATE:
AUGUST 3, 2020

STAMP:
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SHEET TITLE:
FLOOR PLAN - LEVEL 4

SHEET NUMBER:
A205



1 ROOF PLAN
1/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES #

ITEM #	DESCRIPTION
14.1	GEARLESS MACHINE-ROOM LESS ELEVATOR



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
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TEL: (510) 546-2929

CIVIL ENGINEER:
GSIW | STZ
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Novato, CA 94949
TEL: (415) 883-9850

STRUCTURAL ENGINEER:
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180 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
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1824 FRANKLIN STREET #1300
OAKLAND, CA 94612
TEL: (510) 876-2591

ELECTRICAL & FIRE ALARM ENGINEER:
FLJA
1620 MONTGOMERY STREET, SUITE 250
SAN FRANCISCO, CA 94111
TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
HYT CORPORATION
3498 CLAYTON ROAD, SUITE #101
CONCORD, CA 94519
TEL: (925) 681-2731

THEATRE:
THE SHALLECK COLLABORATIVE, INC.
1553 MARTIN LUTHER KING JR. WAY
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TEL: (415) 956-4100

ACOUSTICS:
SALTER
130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION

NUMBER	DATE	DESCRIPTION

ISSUE:
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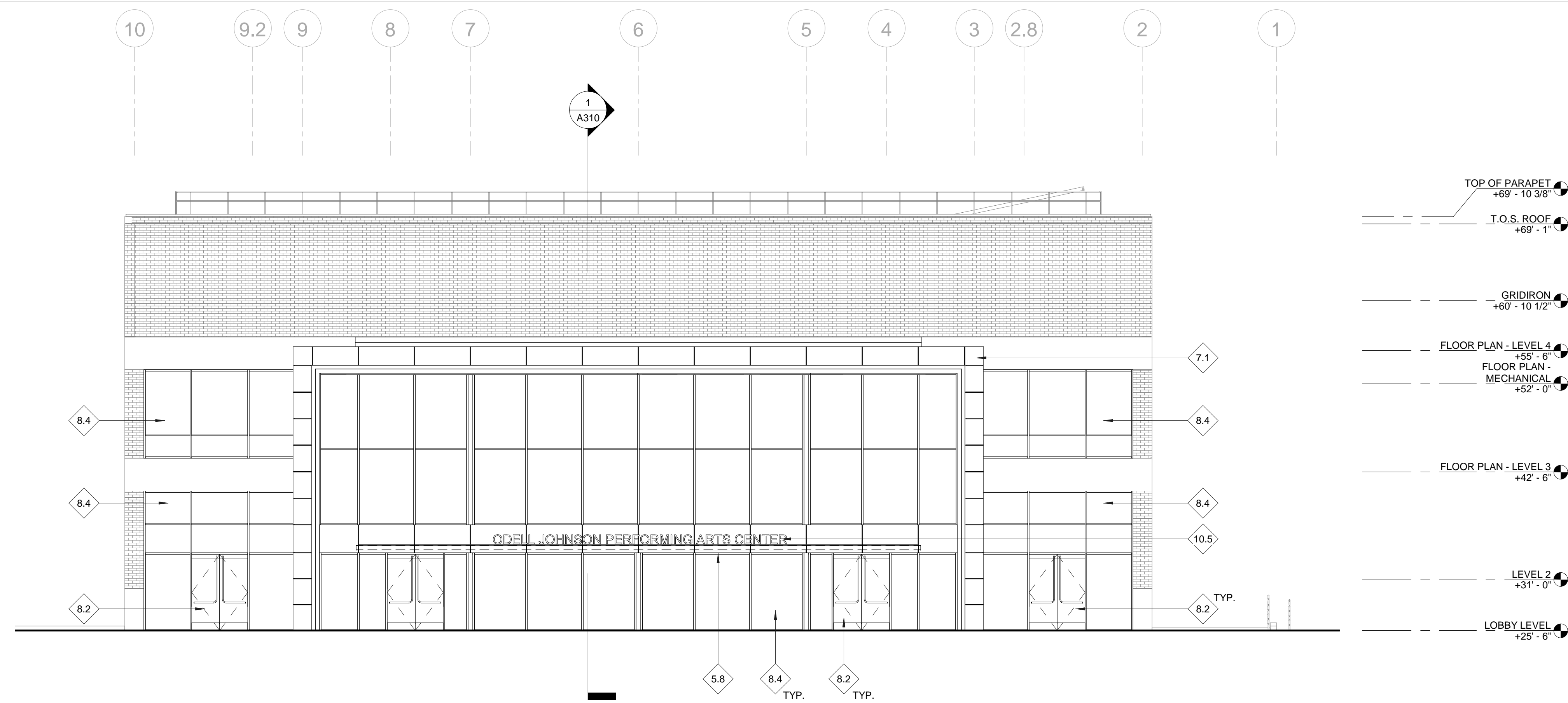
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AUGUST 3, 2020

STAMP:

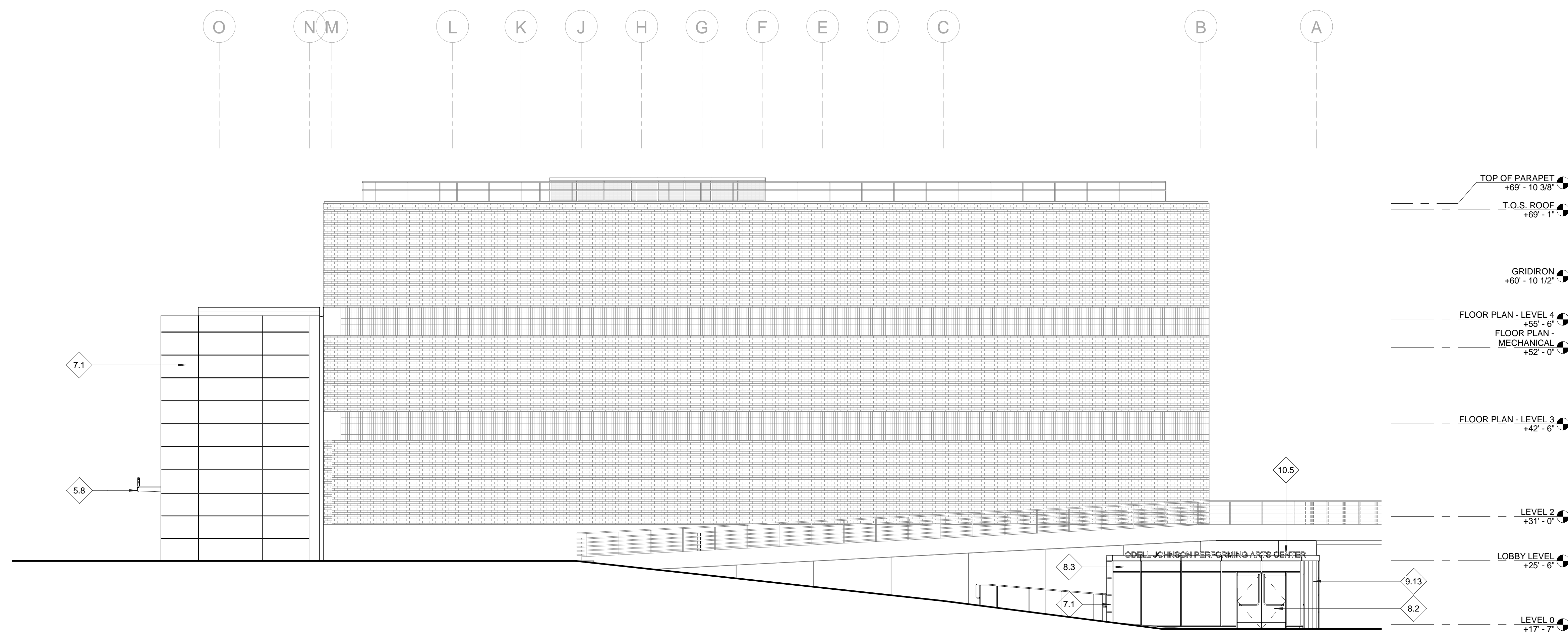


SHEET TITLE:
ROOF PLAN

SHEET NUMBER:
A250



2 EAST ELEVATION
1/8" = 1'-0"



1 NORTH ELEVATION
1/8" = 1'-0"

KEYNOTES

ITEM #	DESCRIPTION
5.8	AESS STEEL CANOPY, PAINTED
7.1	METAL PANEL
8.2	GLAZED ALUMINUM ENTRANCE DOORS
8.3	ALUMINUM FRAMED STOREFRONT SYSTEM
8.4	ALUMINUM FRAMED CURTAINWALL SYSTEM
9.13	LINEAR WOOD WALL PANEL SYSTEM
10.5	EXTERIOR SIGNAGE - BACK-LIT REVERSE CHANNEL CHARACTERS PIN MOUNTED



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
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TEL: 510.549.2229

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45 Leveroni Court
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TEL: (415) 883-9850

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180 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

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1620 MONTGOMERY STREET, SUITE 250
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TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
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3498 CLAYTON ROAD, SUITE #101
CONCORD, CA 94519
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1553 MARTIN LUTHER KING JR. WAY
BERKELEY, CA 94709
TEL: (415) 956-4100

ACOUSTICS:
SALTER
130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

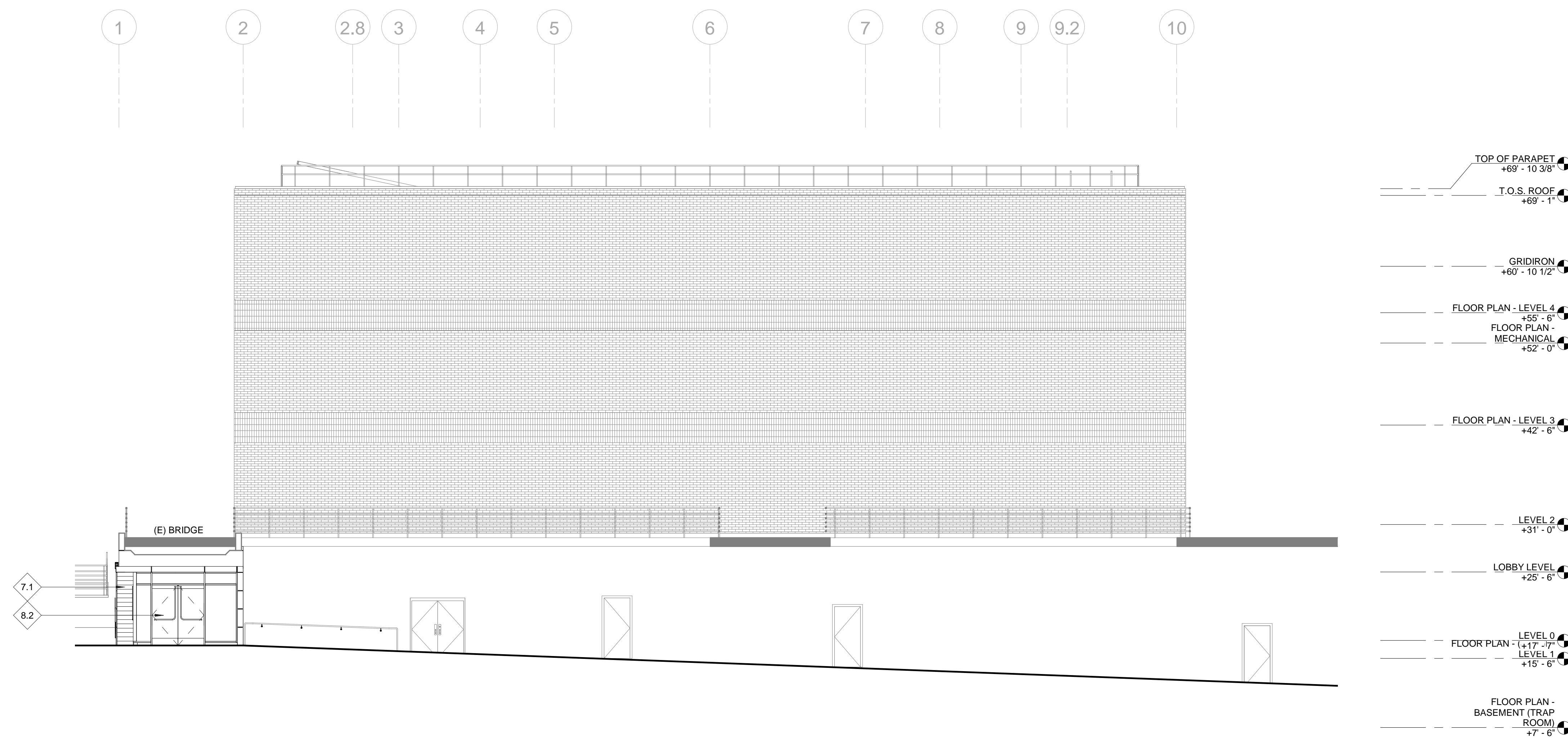
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DATE:
AUGUST 3, 2020

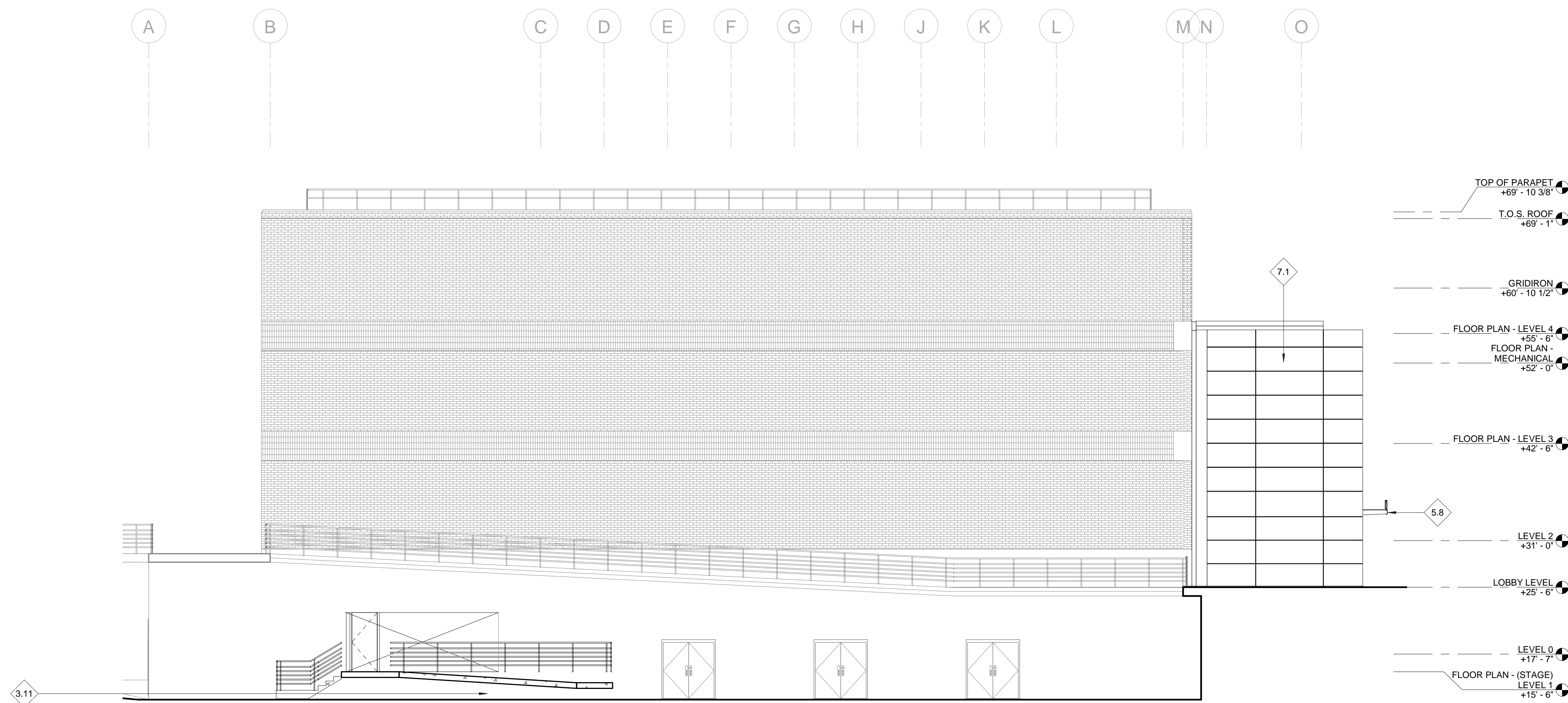
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SHEET TITLE:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A300



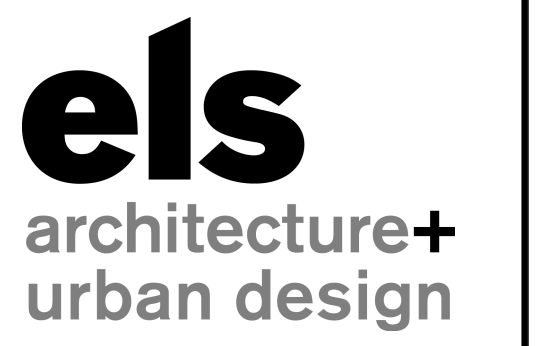
1 WEST ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
1/8" = 1'-0"

KEYNOTES

ITEM #	DESCRIPTION
3.11	C.I.P. CONCRETE RAMP
5.8	AESS STEEL CANOPY, PAINTED
7.1	METAL PANEL
8.2	GLAZED ALUMINUM ENTRANCE DOORS



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
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TEL: (510) 549-2929

CIVIL ENGINEER:
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TEL: (415) 883-9850

STRUCTURAL ENGINEER:
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180 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

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OAKLAND, CA 94612
TEL: (510) 876-2591

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1620 MONTGOMERY STREET, SUITE 250
SAN FRANCISCO, CA 94111
TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
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3498 CLAYTON ROAD, SUITE #101
CONCORD, CA 94519
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THEATRE:
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TEL: (415) 956-4100

ACOUSTICS:
SALTER
130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

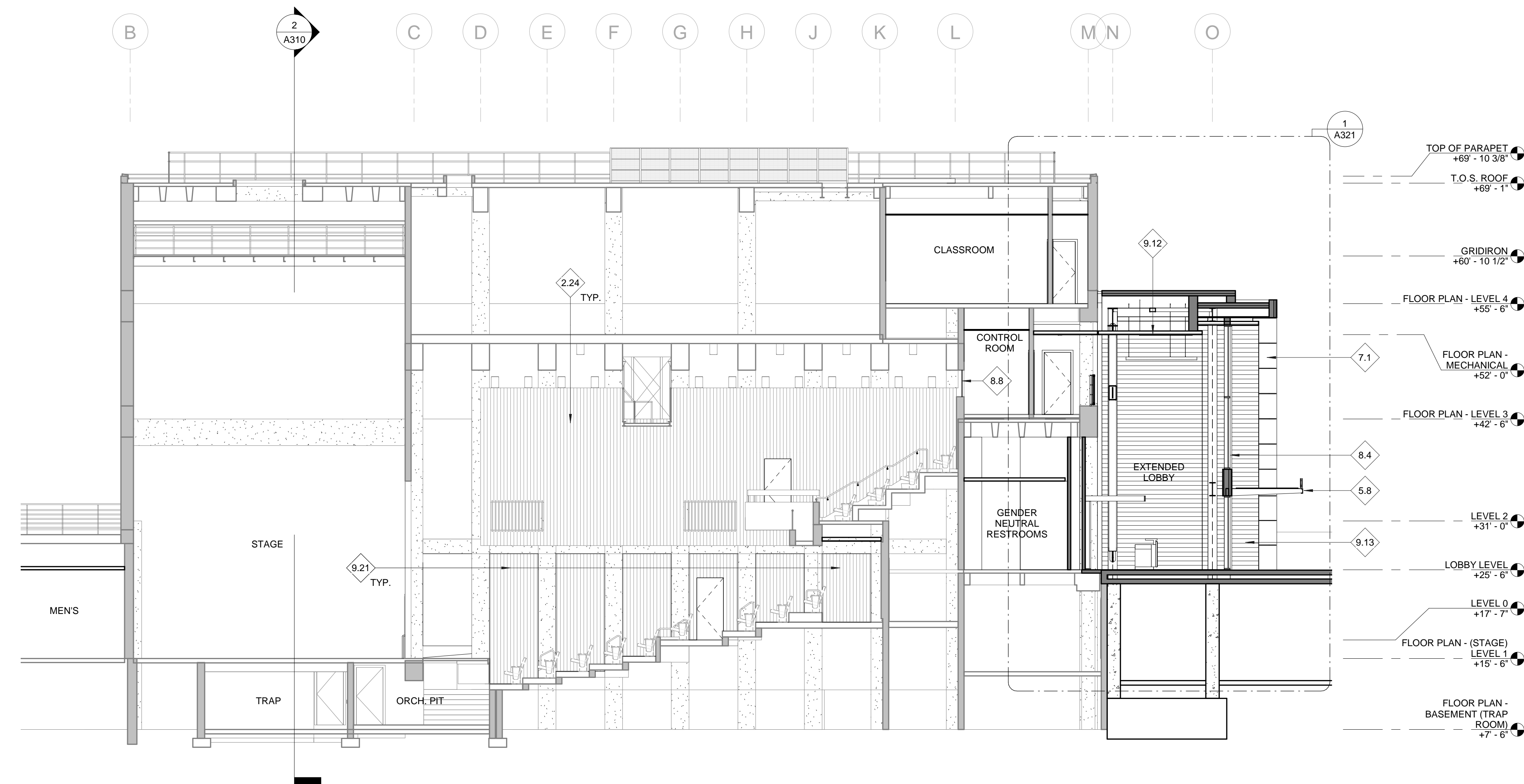
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DATE:
AUGUST 3, 2020

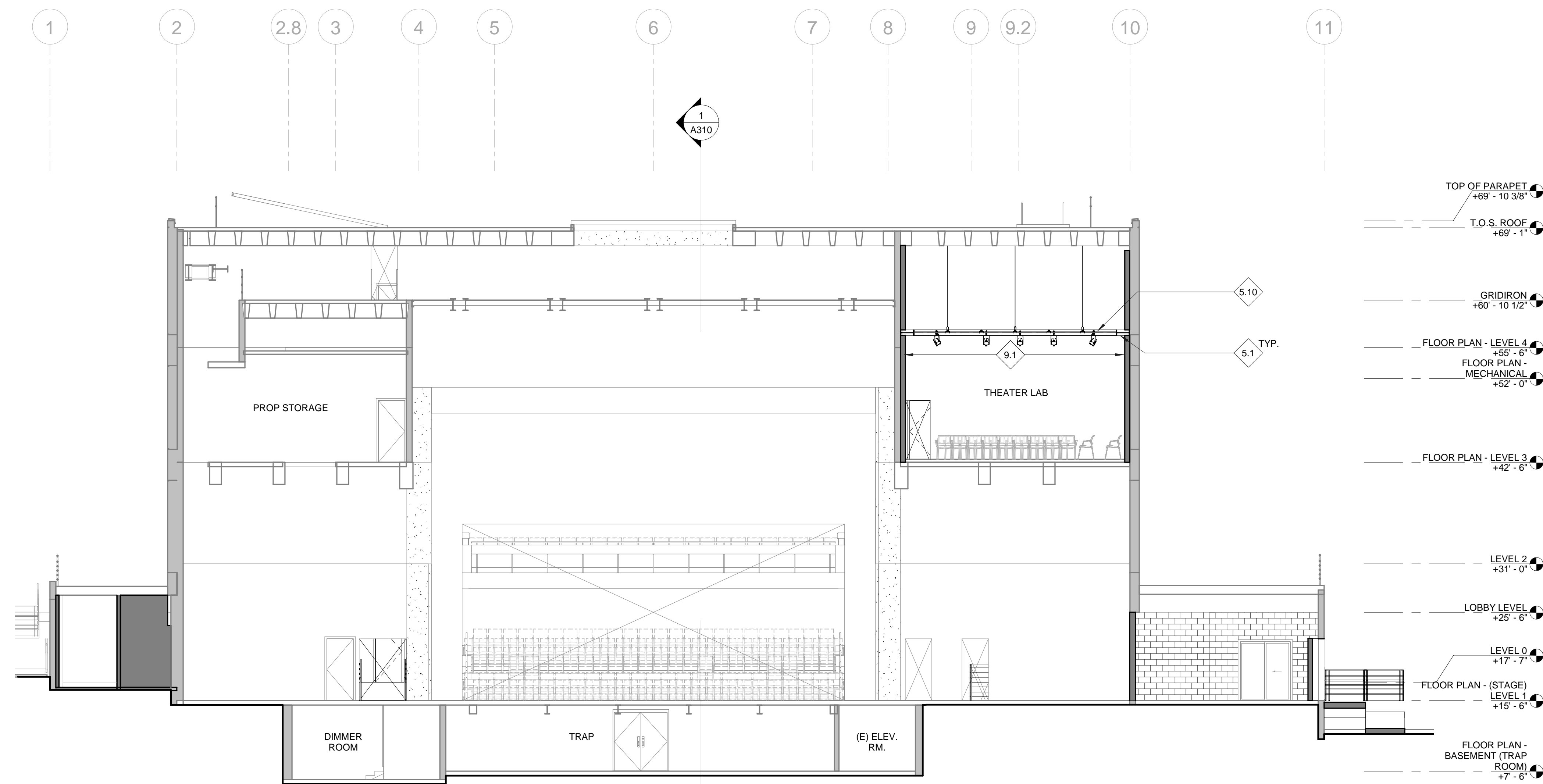
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NOT FOR CONSTRUCTION

SHEET TITLE:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A301



1 LONGITUDINAL SECTION LOOKING NORTH
1/8" = 1'-0"



2 CROSS SECTION LOOKING EAST
1/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
2.24	REFINISH (E) VERTICAL WOOD PANELS
5.1	STRUCTURAL STEEL FRAMING, PAINTED, S.S.D.
5.8	AESS STEEL CANOPY, PAINTED
5.10	SCHEDULE 40 PIPEGRID
7.1	METAL PANEL
8.4	ALUMINUM FRAMED CURTAINWALL SYSTEM
8.8	GLAZED WINDOW
9.1	ACOUSTIC PARTITION
9.12	LINEAR WOOD CEILING SYSTEM
9.13	LINEAR WOOD WALL PANEL SYSTEM
9.21	VERTICAL WOOD INFILL PANELS TO MATCH (E)



PROJECT:
**LANEY COLLEGE
THEATER**

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
ARCHITECT:
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SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
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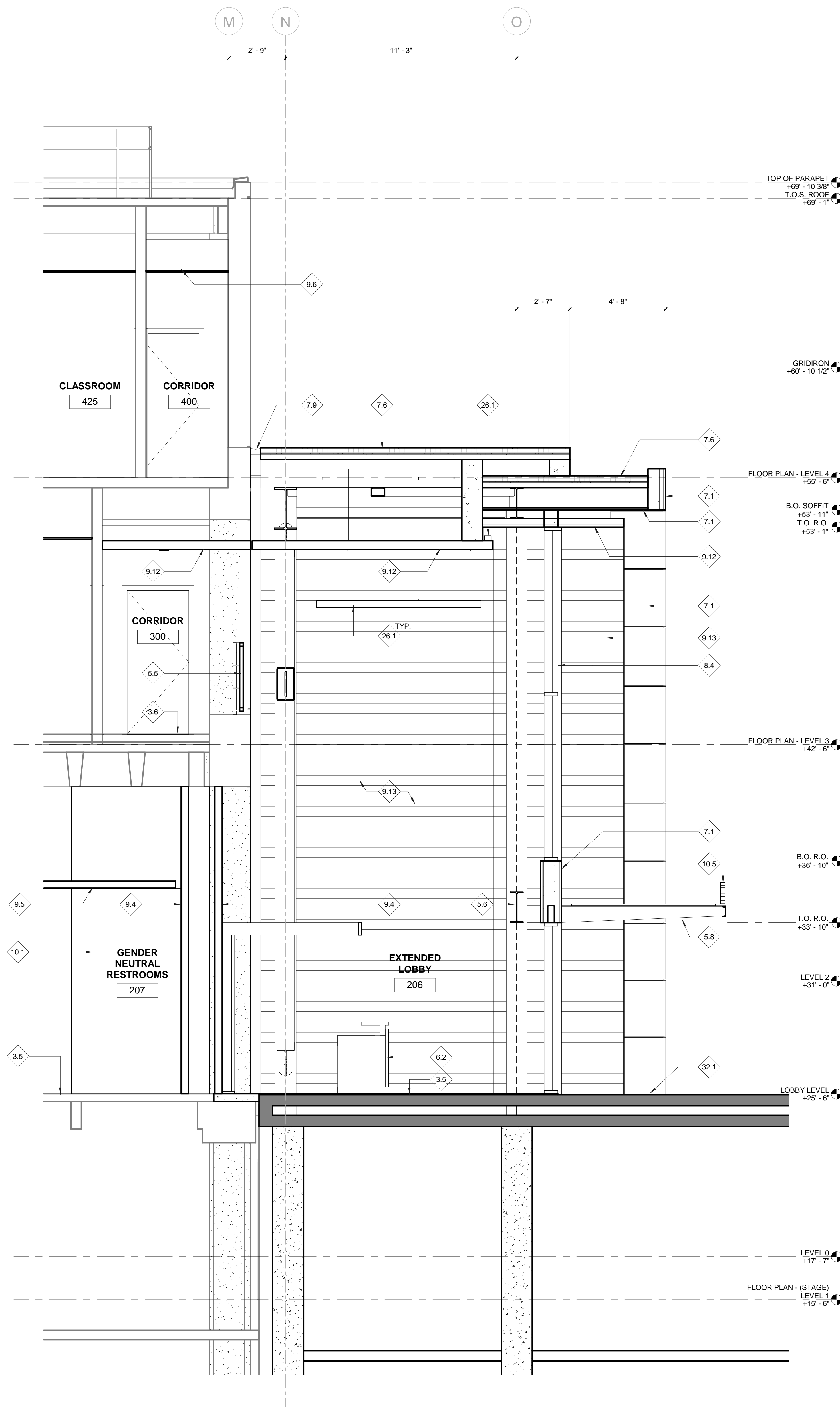
ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020



SHEET TITLE:
**BUILDING
SECTIONS**

SHEET NUMBER:
A310



1 WALL SECTION @ EAST LOBBY EXTENSION LOOKING NORTH
3/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
3.5	POLISHED CONCRETE FLOOR FINISH
3.6	SEALED CONCRETE FLOOR FINISH
5.5	METAL GUARDRAIL, PAINTED, WITH PERFORATED WOOD INFILL PANELS
5.6	AESS STRUCTURAL STEEL FRAMING, PAINTED, S.S.D.
5.8	AESS STEEL CANOPY, PAINTED
6.2	CASWORK
7.1	METAL PANEL
7.6	ROOFING SYSTEM
7.9	SEISMIC JOINT, S.S.D.
8.4	ALUMINUM FRAMED CURTAINWALL SYSTEM
9.4	GYP. BD. PAINTED - WATER RESISTANT AT WET LOCATIONS
9.5	GYP. BD. CEILING, PAINTED
9.6	ACOUSTICAL CEILING TILE
9.12	LINEAR WOOD CEILING SYSTEM
9.13	LINEAR WOOD WALL PANEL SYSTEM
10.1	FULL HEIGHT PHENOLIC TOILET PARTITIONS
10.5	EXTERIOR SIGNAGE - BACK-LIT REVERSE CHANNEL CHARACTERS PIN MOUNTED
26.1	LIGHT FIXTURE, S.E.D.
32.1	CONC. PAVING, FINISH TO MATCH (E) ADJ. CONC.



PROJECT:
LANEY COLLEGE THEATER

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OAKLAND, CA

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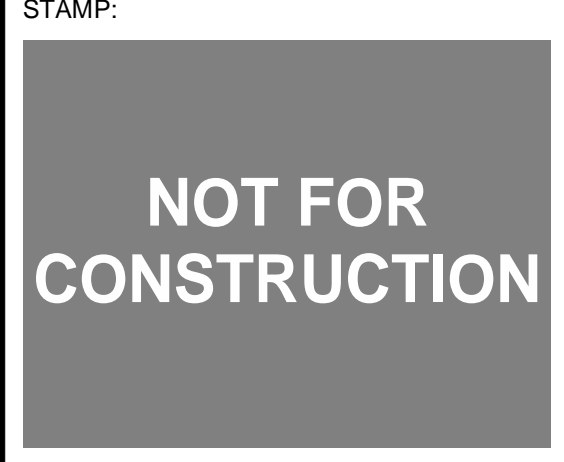
LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

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DATE:
AUGUST 3, 2020



SHEET TITLE:
WALL SECTIONS

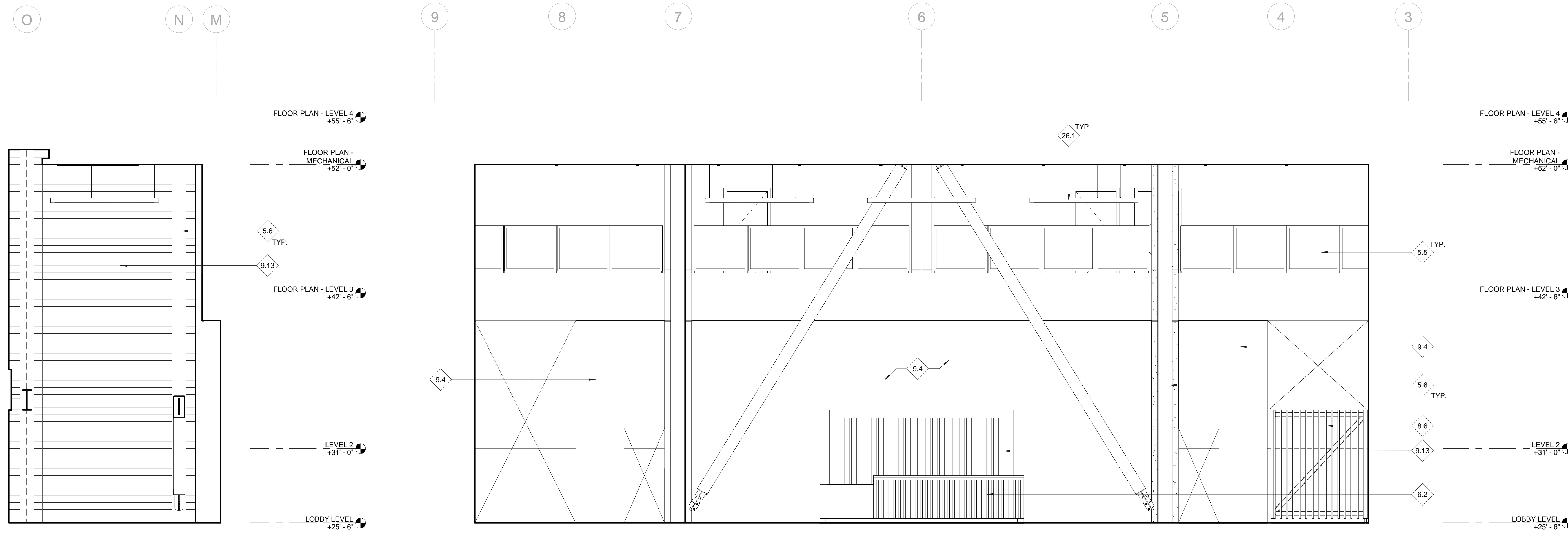
SHEET NUMBER:
A321

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

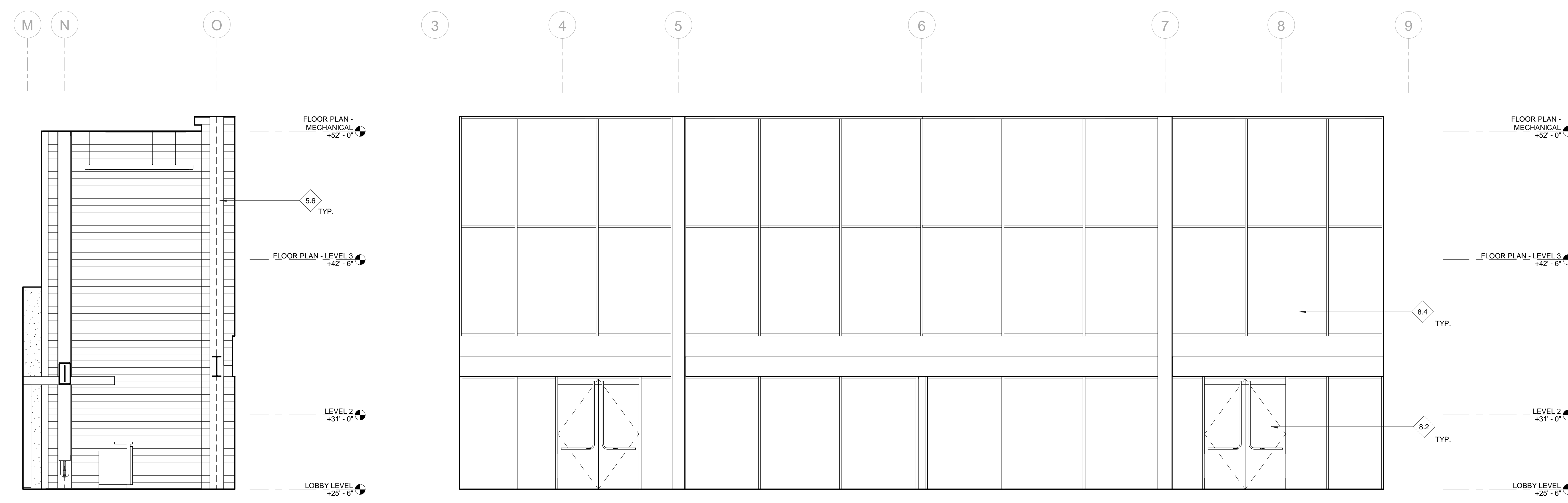
KEYNOTES

ITEM #	DESCRIPTION
5.5	METAL GUARDRAIL, PAINTED, WITH PERFORATED WOOD INFILL PANELS
5.6	AESS STRUCTURAL STEEL FRAMING, PAINTED, S.S.D.
6.2	CASEWORK
8.2	GLAZED ALUMINUM ENTRANCE DOORS
8.4	ALUMINUM FRAMED CURTAINWALL SYSTEM
8.6	SWING GATE WITH DECORATIVE WOOD SLATS
9.4	GYP. BD. PAINTED - WATER RESISTANT AT WET LOCATIONS
9.13	LINEAR WOOD WALL PANEL SYSTEM
26.1	LIGHT FIXTURE, S.E.D.



4 EXTENDED LOBBY 206 - SOUTH
1/4" = 1'-0"

2 EXTENDED LOBBY 206 - WEST
1/4" = 1'-0"



3 EXTENDED LOBBY 206 - NORTH
1/4" = 1'-0"

1 EXTENDED LOBBY 206 - EAST
1/4" = 1'-0"

REVISION		
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ISSUE:
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DATE:
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STAMP:
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CONSTRUCTION**

SHEET TITLE:
**INTERIOR
ELEVATIONS**

SHEET NUMBER:
A501

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES #

ITEM #	DESCRIPTION
5.6	AESS STRUCTURAL STEEL FRAMING, PAINTED, S.S.D.
6.2	CASEWORK
8.2	GLAZED ALUMINUM ENTRANCE DOORS
8.3	ALUMINUM FRAMED STOREFRONT SYSTEM
9.4	GYP. BD., PAINTED - WATER RESISTANT AT WET LOCATIONS
9.13	LINEAR WOOD WALL PANEL SYSTEM



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
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ELECTRICAL & FIRE ALARM ENGINEER:
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TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
HYT CORPORATION
3498 CLAYTON ROAD, SUITE #101
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TEL: (925) 681-2731

THEATRE:
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ACOUSTICS:
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LOW VOLTAGE:
GUIDEPOST SOLUTIONS
3498 GRAND STREET, SUITE 950
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TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

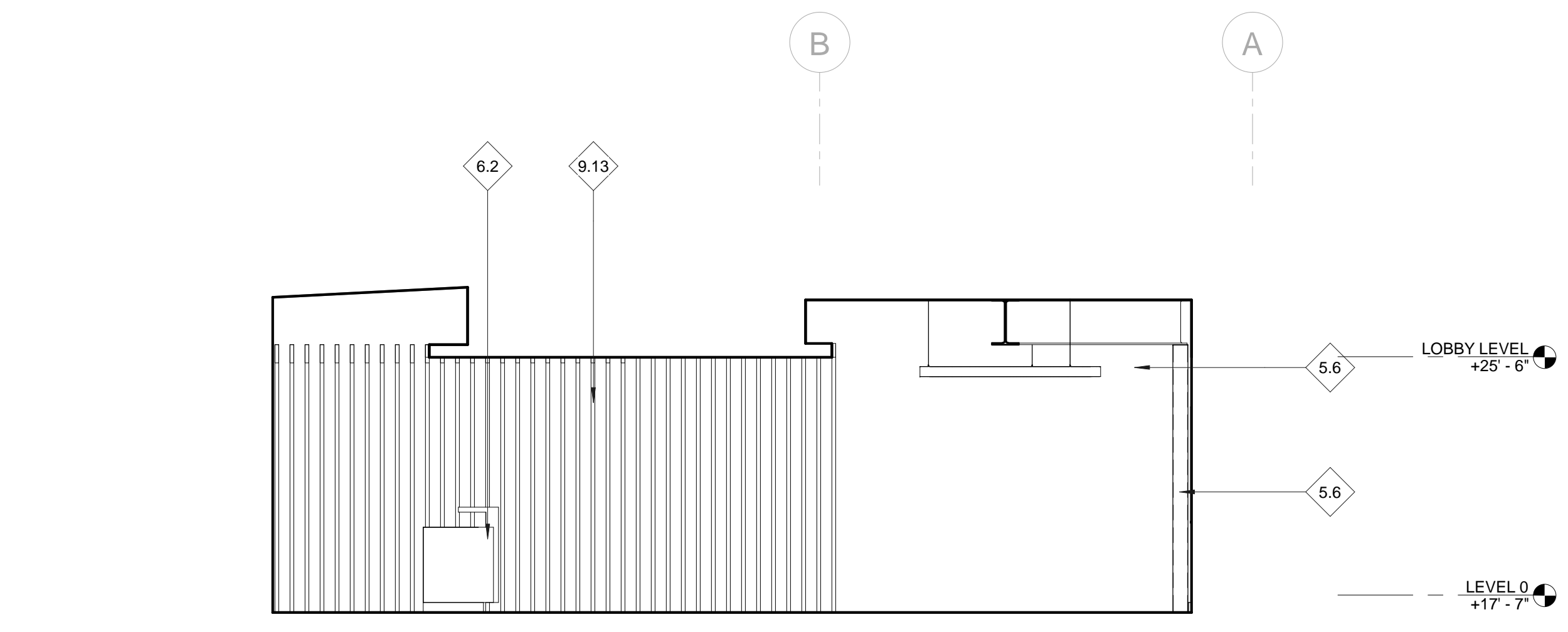
ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

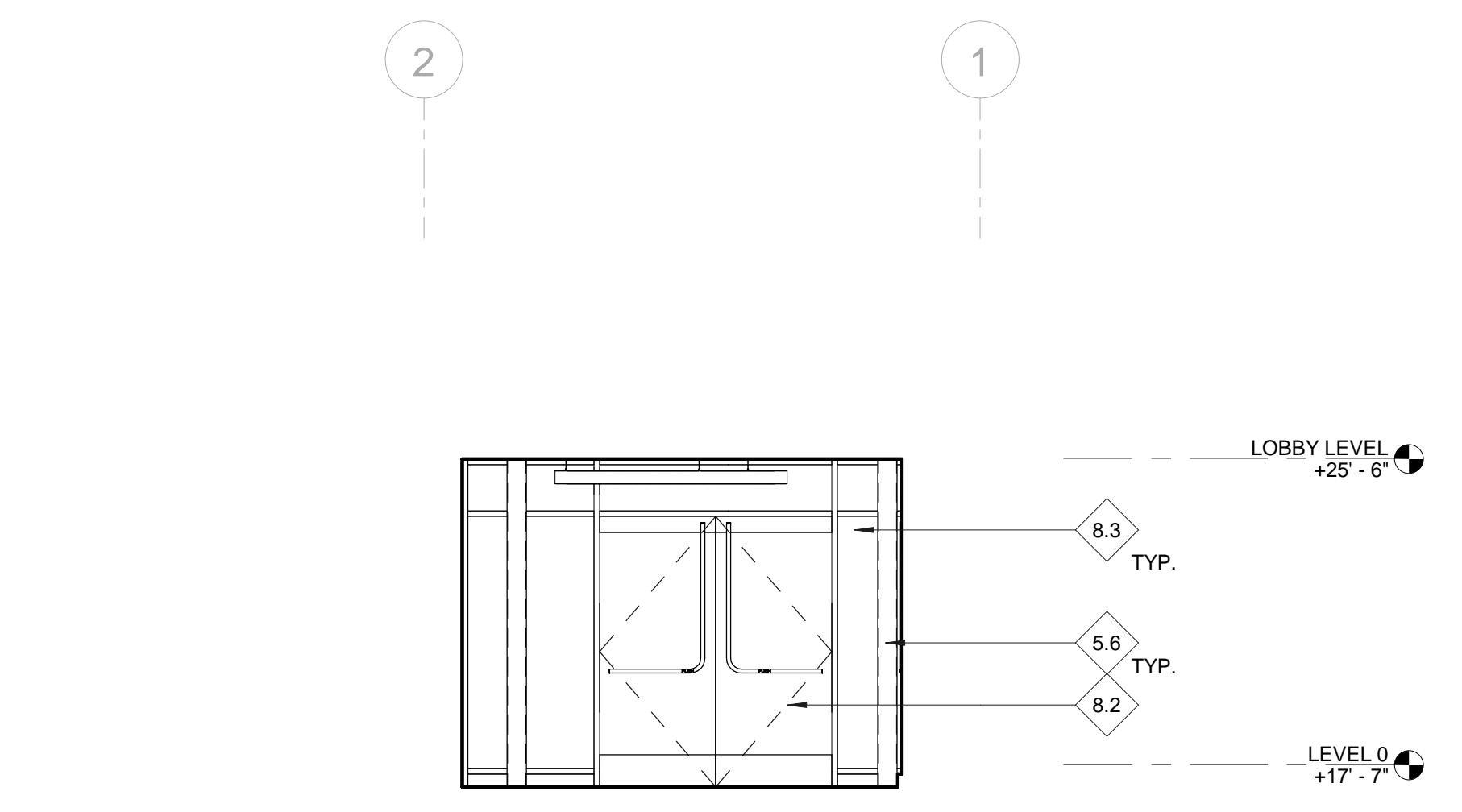


SHEET TITLE:
INTERIOR ELEVATIONS

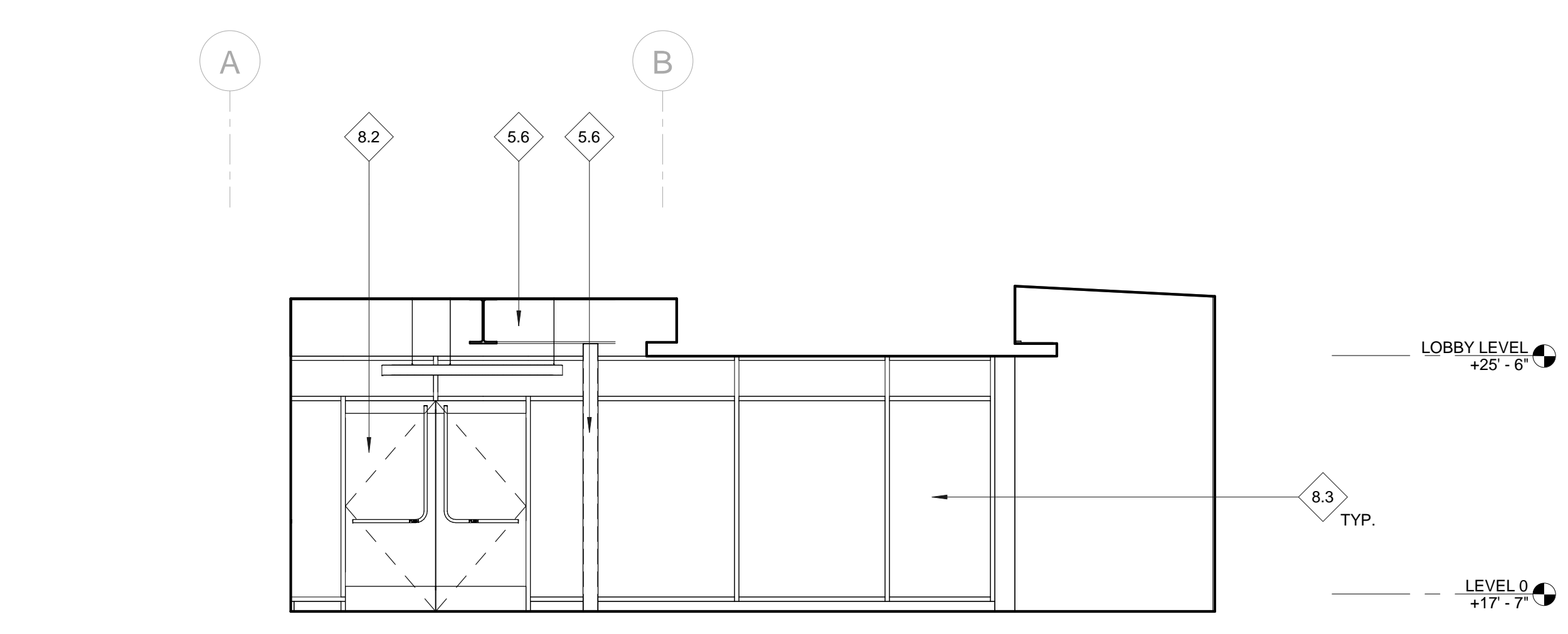
SHEET NUMBER:
A502



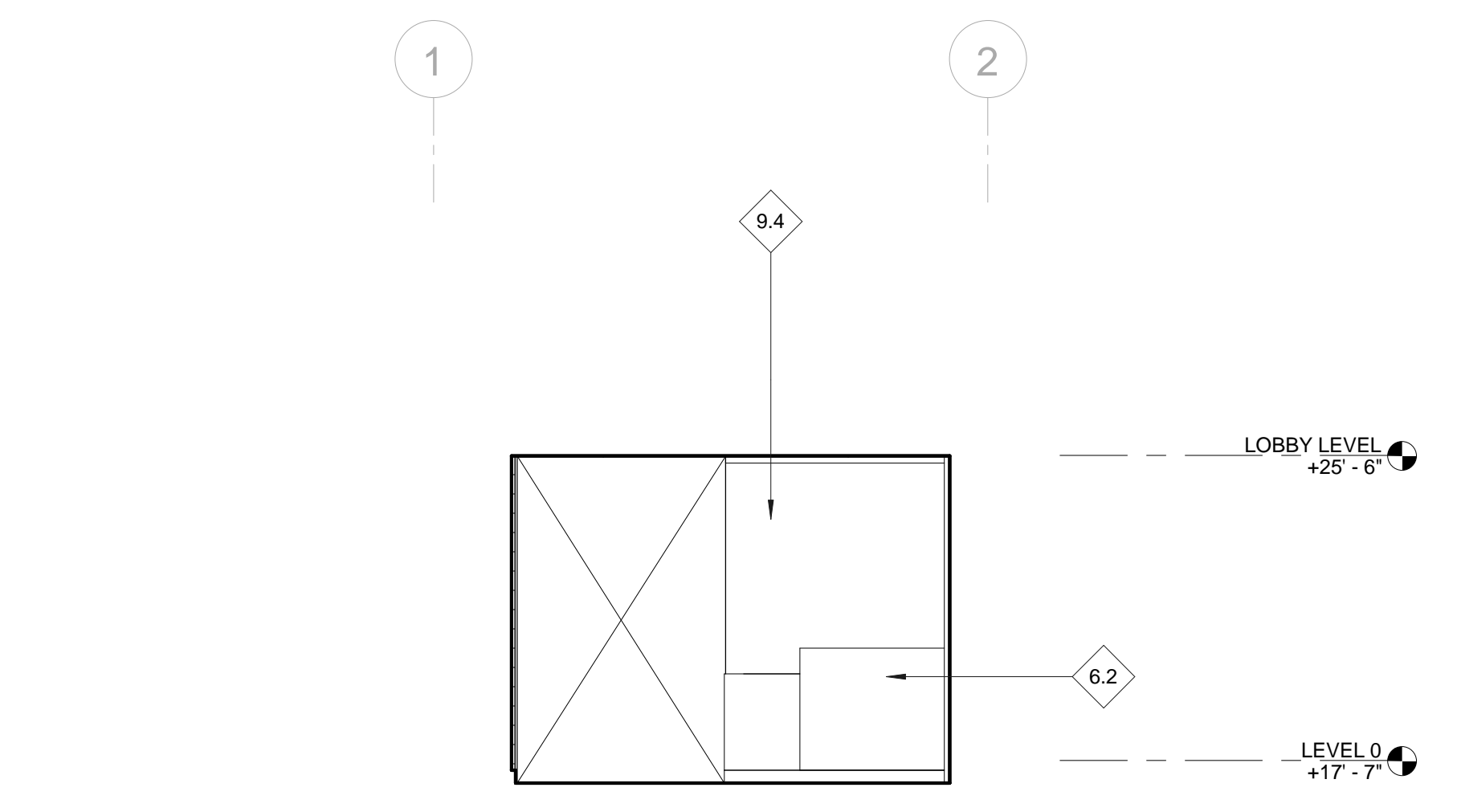
4 NEW NORTH LOBBY 120 - SOUTH
1/4" = 1'-0"



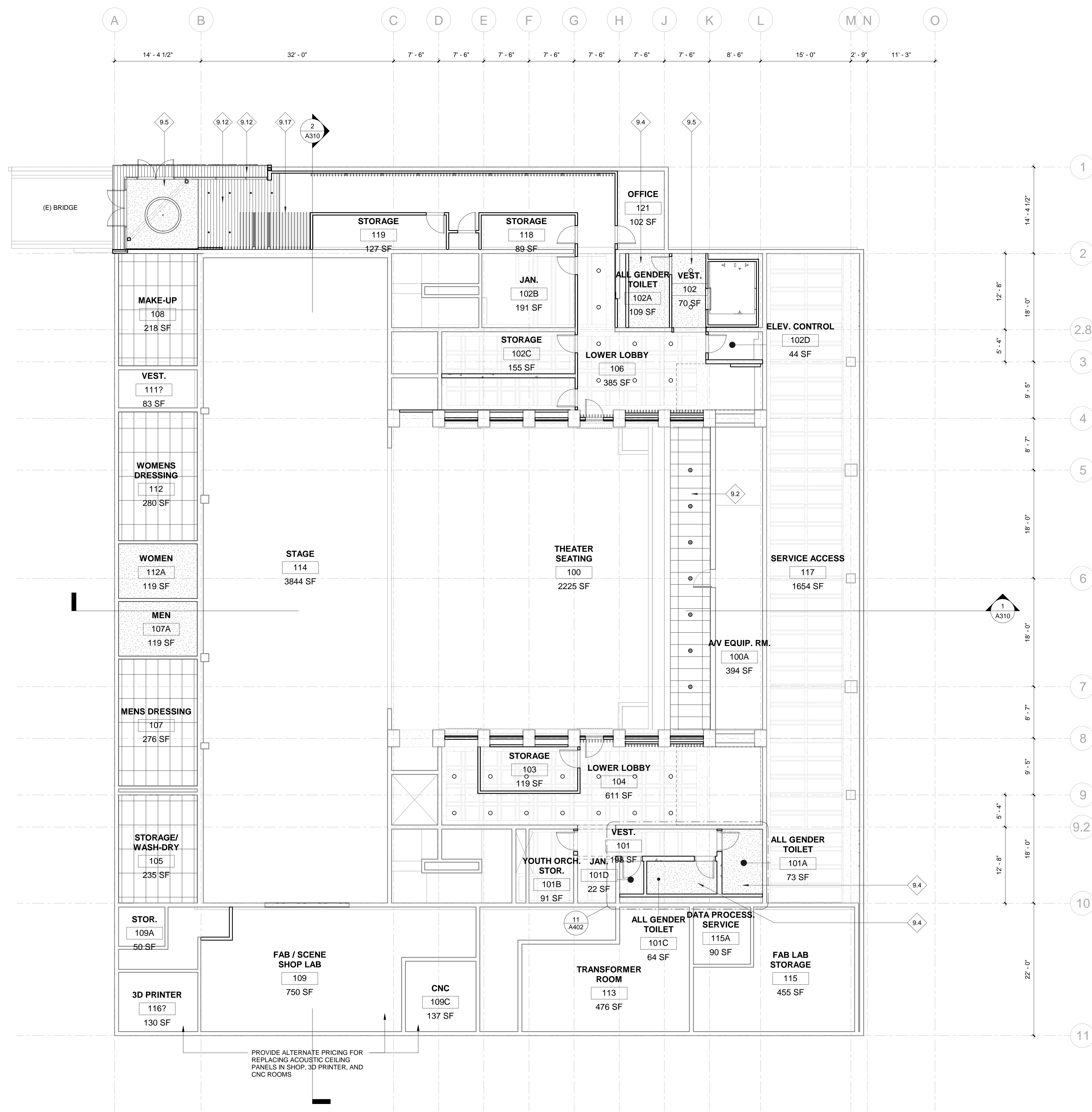
2 NEW NORTH LOBBY 120 - WEST
1/4" = 1'-0"



3 NEW NORTH LOBBY 120 - NORTH
1/4" = 1'-0"



1 NEW NORTH LOBBY 120 - EAST
1/4" = 1'-0"



1 RCP - STAGE LEVEL
1/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
9.2	ACOUSTICAL CEILING TILE, PAINTED
9.4	GYP. BD. PAINTED - WATER RESISTANT AT WET LOCATIONS
9.5	GYP. BD. CEILING, PAINTED
9.12	LINEAR WOOD CEILING SYSTEM
9.17	DECORATIVE WOOD SLATS

RCP LEGEND

- SUSPENDED ACOUSTIC CEILING TILE, 24" X 48"
- GYP. BD. CEILING OVER METAL STUD FRAMING, PAINTED
- LED UTILITY STRIP LIGHT
- 8" RECESSED CAN LIGHT
- 8" CYLINDER PENDANT LIGHT
- 2' X 2' RECESSED TROFFER
- DIRECT / INDIRECT PENDANT LIGHT
- SUSPENDED ACCENT LIGHT



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LOW VOLTAGE:
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SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
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TEL: (415) 546-6033

REVISION		
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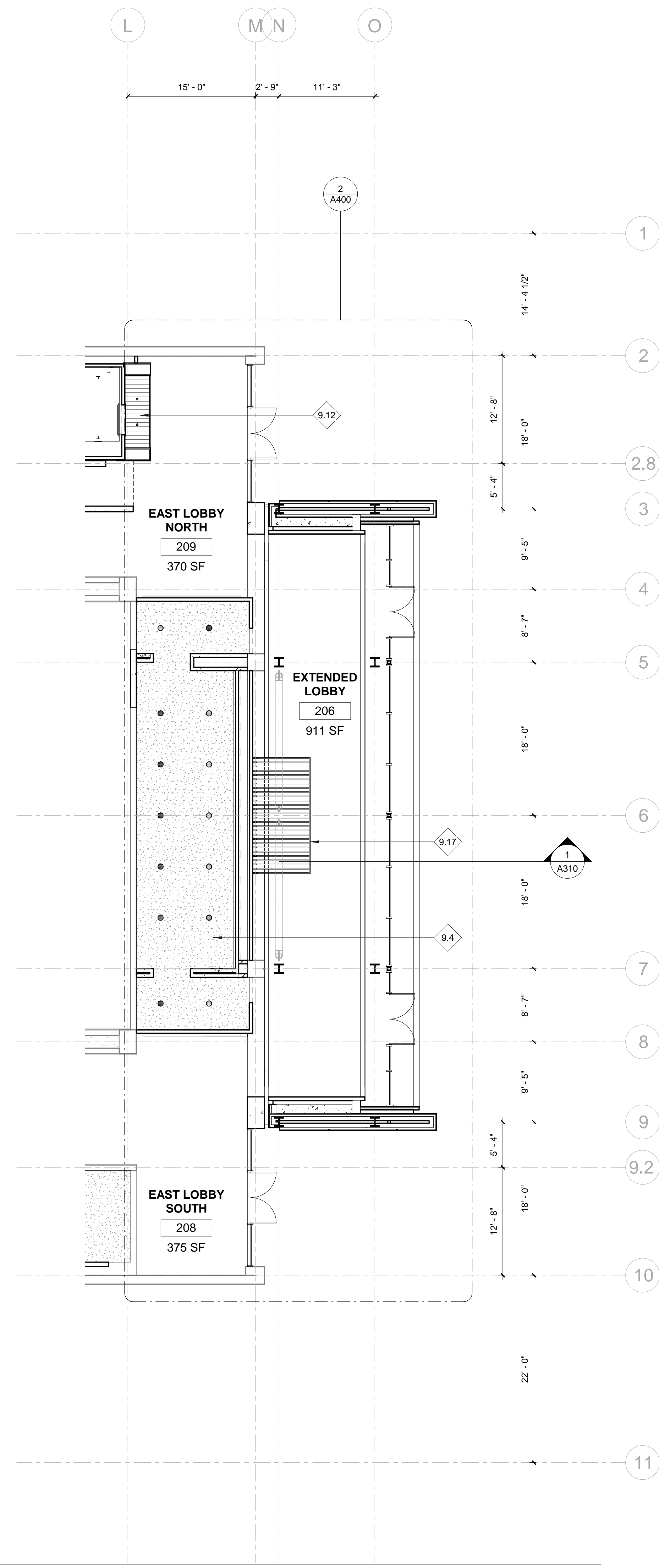
ISSUE:
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DATE:
AUGUST 3, 2020



SHEET TITLE:
REFLECTED CEILING PLAN - STAGE LEVEL

SHEET NUMBER:
A600



1 RCP - LOBBY LEVEL
1/8" = 1'-0"

SHEET NOTES

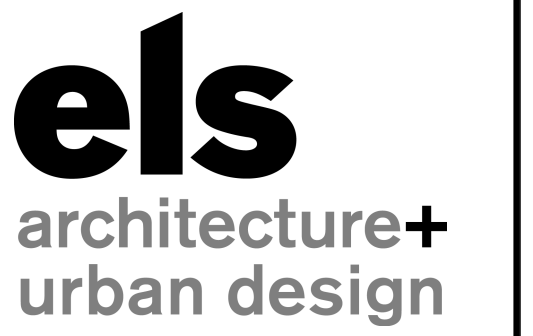
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2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
9.4	GYP. BD. PAINTED - WATER RESISTANT AT WET LOCATIONS
9.12	LINEAR WOOD CEILING SYSTEM
9.17	DECORATIVE WOOD SLATS

RCP LEGEND

- SUSPENDED ACOUSTIC CEILING TILE, 24" X 48"
- GYP. BD. CEILING OVER METAL STUD FRAMING, PAINTED
- LED UTILITY STRIP LIGHT
- 8" RECESSED CAN LIGHT
- 8" CYLINDER PENDANT LIGHT
- 2' X 2' RECESSED TROFFER
- DIRECT / INDIRECT PENDANT LIGHT
- SUSPENDED ACCENT LIGHT



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MODERNIZATION PROJECT
OAKLAND, CA

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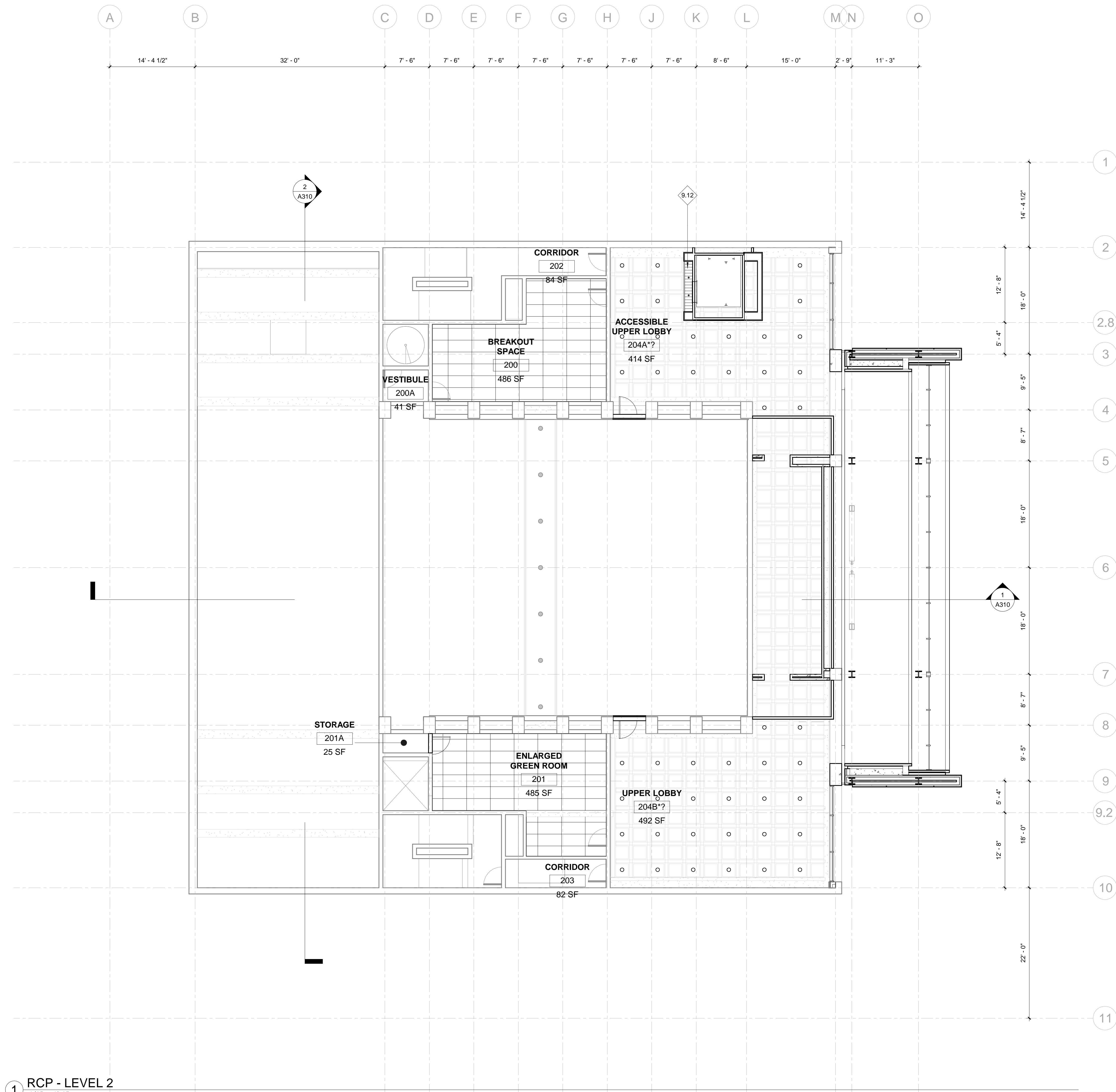
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ISSUE:
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DATE:
AUGUST 3, 2020



SHEET TITLE:
REFLECTED CEILING PLAN - LOBBY LEVEL

SHEET NUMBER:
A601



1 RCP - LEVEL 2
1/8" = 1'-0"

SHEET NOTES

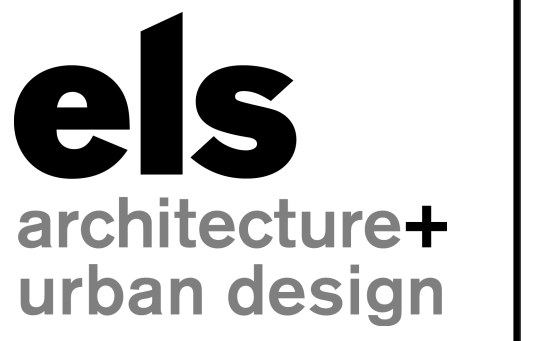
1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
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3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
9.12	LINEAR WOOD CEILING SYSTEM

RCP LEGEND

- SUSPENDED ACOUSTIC CEILING TILE, 24" X 48"
- GYP. BD. CEILING OVER METAL STUD FRAMING, PAINTED
- LED UTILITY STRIP LIGHT
- 8" RECESSED CAN LIGHT
- 8" CYLINDER PENDANT LIGHT
- 2' X 2' RECESSED TROFFER
- DIRECT / INDIRECT PENDANT LIGHT
- SUSPENDED ACCENT LIGHT



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LANEY COLLEGE THEATER

MODERNIZATION PROJECT
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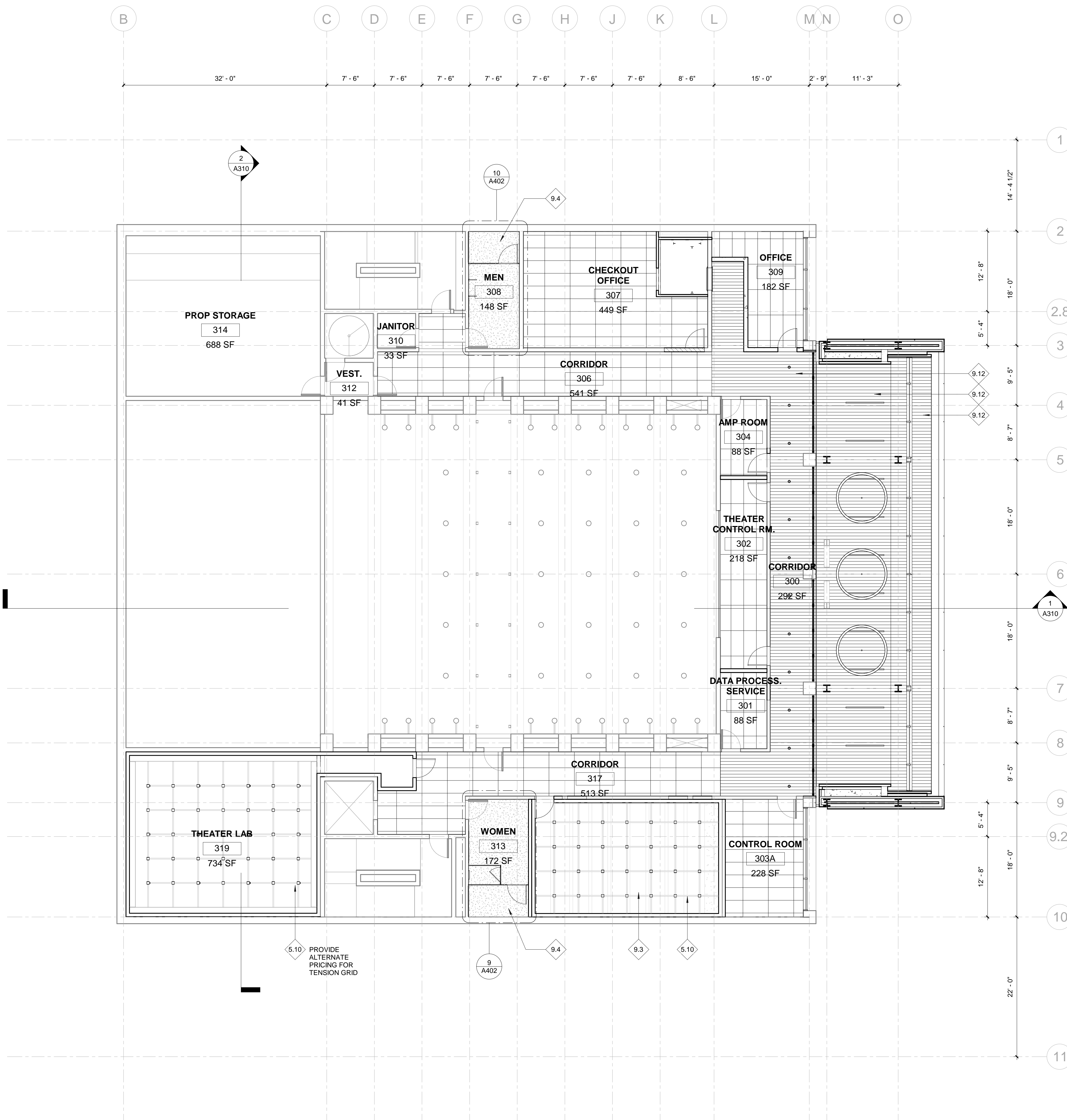
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ISSUE:
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DATE:
AUGUST 3, 2020

STAMP:
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SHEET TITLE:
REFLECTED CEILING PLAN - LEVEL 2

SHEET NUMBER:
A602



1 RCP - LEVEL 3
1/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
5.10	SCHEDULE 40 PIPEGRID
9.3	ACOUSTIC INSULATION ATTACHED TO UNDERSIDE OF CEILING
9.4	GYP. BD., PAINTED - WATER RESISTANT AT WET LOCATIONS
9.12	LINEAR WOOD CEILING SYSTEM

RCP LEGEND

- SUSPENDED ACOUSTIC CEILING TILE, 24" X 48"
- GYP. BD. CEILING OVER METAL STUD FRAMING, PAINTED
- LED UTILITY STRIP LIGHT
- 8" RECESSED CAN LIGHT
- 8" CYLINDER PENDANT LIGHT
- 2' X 2' RECESSED TROFFER
- DIRECT / INDIRECT PENDANT LIGHT
- SUSPENDED ACCENT LIGHT



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SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
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ISSUE:
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SHEET TITLE:
REFLECTED CEILING PLAN - LEVEL 3

SHEET NUMBER:
A603



1 RCP - LEVEL 4
1/8" = 1'-0"

SHEET NOTES

1. ALL SPACES TO RECEIVE NEW LIGHTING FIXTURES, U.O.N.
2. ALL EXISTING PLUMBING FIXTURES TO BE REMOVED AND REPLACED, U.O.N.
3. ALL EXISTING CEILINGS TO BE REMOVED, U.O.N.
4. ALL EXPOSED STRUCTURAL STEEL TO RECEIVE INTUMESCENT PAINT, TYP.

KEYNOTES

ITEM #	DESCRIPTION
9.3	ACOUSTIC INSULATION ATTACHED TO UNDERSIDE OF CEILING

RCP LEGEND

- SUSPENDED ACOUSTIC CEILING TILE, 24" X 48"
- GYP. BD. CEILING OVER METAL STUD FRAMING, PAINTED
- LED UTILITY STRIP LIGHT
- 8" RECESSED CAN LIGHT
- 8" CYLINDER PENDANT LIGHT
- 2' X 2' RECESSED TROFFER
- DIRECT / INDIRECT PENDANT LIGHT
- SUSPENDED ACCENT LIGHT



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SPECIFICATIONS:
TOPFLIGHT SPECS
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SHEET TITLE:
REFLECTED CEILING PLAN - LEVEL 4

SHEET NUMBER:
A604

ROOM FINISH SCHEDULE										
ROOM NUMBER	ROOM NAME	Area	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	COMMENTS
					NORTH	EAST	SOUTH	WEST		
001P	VESTIBULE	145 SF	F6	B4						
100	THEATER SEATING	2225 SF	F3/F5	B4						
100A	A/V EQUIP. RM.	394 SF	F6	B4						
100C	DIMMER ROOM SERVICES	249 SF	F6	B4						
101	VEST.	198 SF	F5	B4						
101A	ALL GENDER TOILET	73 SF	F4	B2						
101B	YOUTH ORCH. STOR.	91 SF	F2	B4						
101C	ALL GENDER TOILET	64 SF	F4	B2						
101D	JAN.	22 SF	F3	B4						
102	VEST.	70 SF	F5	B4						
102A	ALL GENDER TOILET	109 SF	F4	B2						
102B	JAN.	191 SF	F2	B4						
102C	STORAGE	155 SF	F2	B4						
102D	ELEV. CONTROL	44 SF	F2	B4						
103	STORAGE	119 SF	F2	B4						
104	LOWER LOBBY	811 SF	F2/F5	B1						
105	STORAGE/ WASH-DRY	235 SF	F3	B4						
106	LOWER LOBBY	385 SF	F5	B1						
107	MENS DRESSING	276 SF	F3	B1						
107A	MEN	119 SF	F4	B2						
108	MAKE-UP	218 SF	F3	B1						
109	FAB / SCENE SHOP LAB	750 SF	F6	B4						
109A	STOR.	50 SF	F6	B4						
109C	CNC	137 SF	F6	B4						
111P	VEST.	83 SF	F6	B4						
112	WOMENS DRESSING	280 SF	F3	B1						
112A	WOMEN	119 SF	F4	B2						
113	TRANSFORMER ROOM	476 SF	F6	B4						
114	STAGE	3844 SF	F6	B4						
114A	TRAP	802 SF	F6	B4						
114B	(E) ELEV. RM.	100 SF	F6	B4						
114C	ORCH. PIT	705 SF	F6	B4						
115	FAB LAB STORAGE	455 SF	F6	B4						
115A	DATA PROCESS. SERVICE	90 SF	F6	B4						
116P	3D PRINTER	130 SF	F6	B4						
117	SERVICE ACCESS	1654 SF	F5	B4						
118	STORAGE	89 SF	F2	B4						
119	STORAGE	127 SF	F2	B4						
120	NEW NORTH LOBBY	825 SF	F1/F5							
121	OFFICE	102 SF	F5	B1						
200	BREAKOUT SPACE	486 SF	F3	B1						
200A	VESTIBULE	41 SF	F6	B4						
201	ENLARGED GREEN ROOM	485 SF	F3	B1						
201A	STORAGE	25 SF	F3	B4						
202	CORRIDOR	84 SF	F6	B4						
203	CORRIDOR	82 SF	F6	B4						
204A?	ACCESSIBLE UPPER LOBBY	414 SF	F3	B1						
204B?	UPPER LOBBY	492 SF	F3	B1						
205	BALCONY	959 SF								
206	EXTENDED LOBBY	911 SF	F1							
206A	ASSEMBLY SERVICE	120 SF	F1							
207	GENDER NEUTRAL RESTROOMS	584 SF	F3	B2						POLISH CONC. TO MATCH ADJACENT LOBBY
208	EAST LOBBY SOUTH	375 SF	F3							
209	EAST LOBBY NORTH	370 SF	F3							
300	CORRIDOR	292 SF	F3	B1						
301	DATA PROCESS. SERVICE	88 SF	F2	B4						
302	THEATER CONTROL RM.	218 SF	F7							
303	VISUAL MEDIA LAB	505 SF	F3							
303A	CONTROL ROOM	228 SF	F7							
304	AMP ROOM	88 SF	F2	B4						
306	CORRIDOR	541 SF	F3	B1						
307	CHECKOUT OFFICE	449 SF	F3							
308	MEN	148 SF	F4	B2						
309	OFFICE	182 SF	F5	B1						
310	JANITOR	33 SF	F6	B4						
312	VEST.	41 SF	F6	B4						
313	WOMEN	172 SF	F4	B2						
314	PROP STORAGE	688 SF	F6	B4						
317	CORRIDOR	513 SF	F3	B1						
319	THEATER LAB	734 SF	F8							
321	LIGHT BRIDGE	203 SF								
400	CORRIDOR	224 SF	F3	B1						
401*	CORRIDOR	591 SF	F3	B1						
402*	CORRIDOR	556 SF	F3	B1						
413	SOUND MEDIA CONTROL ROOM	270 SF	F7							
414	STOR.	34 SF	F6	B1						
415	SOUND MEDIA	475 SF	F3							
416	VOCAL STUDIO	198 SF	F3	B1						
417	WOMEN	171 SF	F4	B2						
418	MECHANICAL	2869 SF	F6	B4						
419	CLASS LAB	451 SF	F2	B1						
422	VESTIBULE	41 SF	F6	B4						
423P	JANITOR	33 SF	F6	B4						
424	MEN	148 SF	F4	B2						
425	CLASSROOM	559 SF	F3	B1						
426	CLASSROOM	398 SF	F3	B1						
430	GRIDIRON	560 SF	F6	B4						

FINISH SCHEDULE KEY	
TAG	DESCRIPTION
FLOOR	
F1	CONCRETE - POLISHED
F2	CONCRETE - SEALED
F3	EXISTING FLOOR FINISH TO BE REMOVED AND EXISTING CONCRETE TO BE REFINISHED
F4	TILE
F5	CARPET
F6	EXISTING TO REMAIN PATCH AND REPAIR AS REQ'D
F7	RAISED ACCESSIBLE FLOOR, SALVAGE AND REUSE EXISTING IF POSSIBLE
F8	MASONITE OVER PLYWOOD
BASE	
B1	RUBBER
B2	TILE
B3	EXISTING TO REMAIN
B4	NONE
WALL	
W1	GYPSUM WALL BOARD, PAINTED
W2	TILE
W3	EXISTING TO BE REPAIRED, PATCHED, AND PAINTED AS REQ'D
W4	C.I.P. CONCRETE
W5	LINEAR WOOD WALL PANEL SYSTEM
W6	ALUMINUM STOREFRONT
W7	ALUMINUM CURTAINWALL
W8	FRP WALL PANEL
CEILING	
C1	GYPSUM BOARD, PAINTED
C2	ACOUSTICAL CEILING TILE
C3	ACOUSTICAL CEILING TILE, PAINTED
C4	EXPOSED METAL DECK AND STRUCTURE, PAINTED



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
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SPECIFICATIONS:
TOPFLIGHT SPECS
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SHEET TITLE:
SCHEDULES

SHEET NUMBER:
A800

PROJECT:
**LANEY COLLEGE
THEATER**

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

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SHEET TITLE:
RENDERINGS

SHEET NUMBER:
A950



EXTENDED LOBBY EXTERIOR VIEW 02



EXTENDED LOBBY EXTERIOR VIEW 03



EXTENDED LOBBY EXTERIOR VIEW 01

PROJECT:
**LANEY COLLEGE
THEATER**

MODERNIZATION PROJECT
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SHEET TITLE:
RENDERINGS

SHEET NUMBER:
A951



THIRD FLOOR CORRIDOR - LOOKING SOUTH



AUDITORIUM INTERIOR - VIEW FROM STAGE



EXTENDED LOBBY INTERIOR - VIEW OF NEW ELEVATOR



EXTENDED LOBBY INTERIOR - LOOKING SOUTH



EXTENDED LOBBY INTERIOR - LOOKING NORTH

PROJECT:
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A952



NEW NORTH LOBBY INTERIOR VIEW



NEW NORTH LOBBY EXTERIOR VIEW

PROJECT:
**LANEY COLLEGE
THEATER**

MODERNIZATION PROJECT
OAKLAND, CA

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

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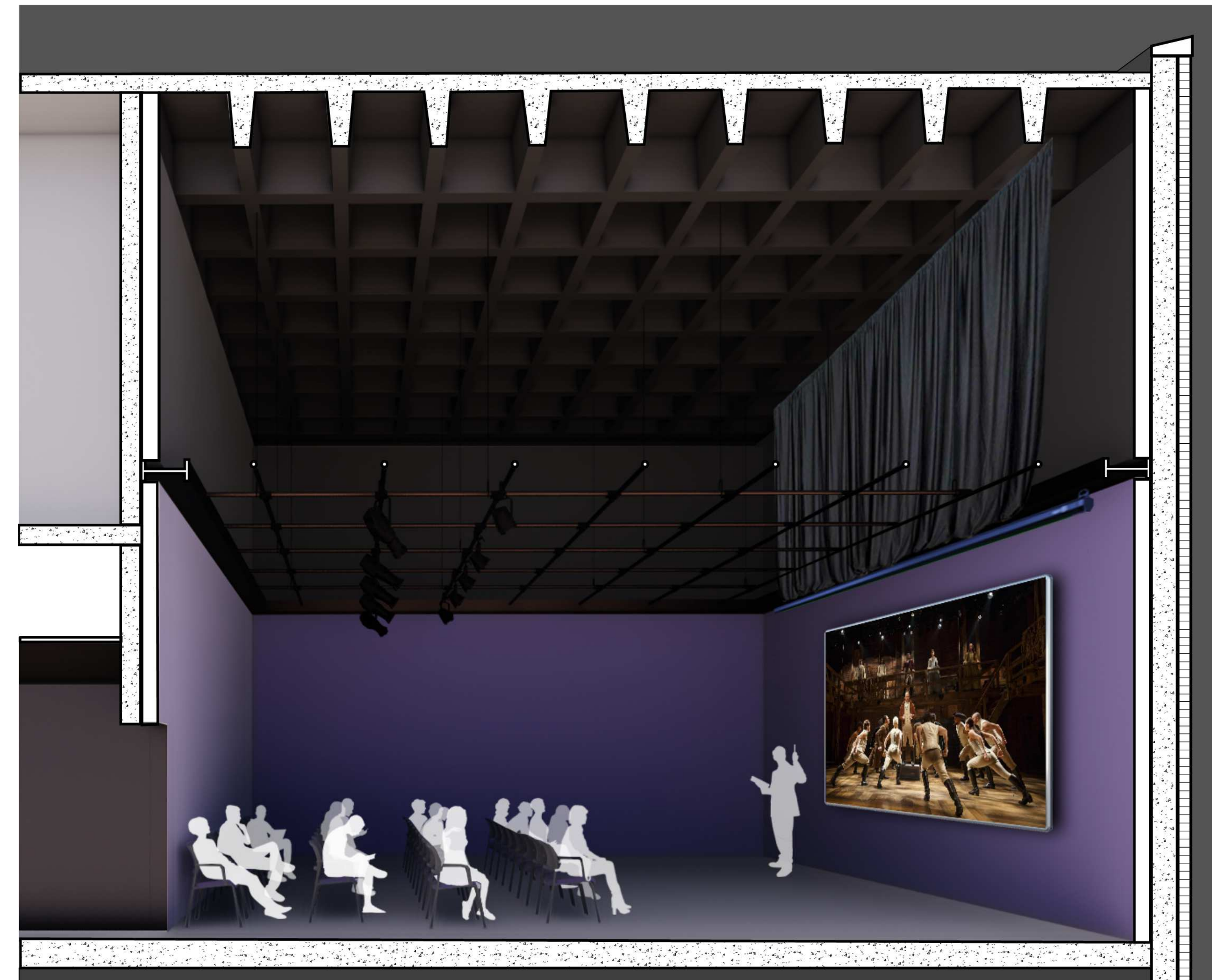
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RENDERINGS

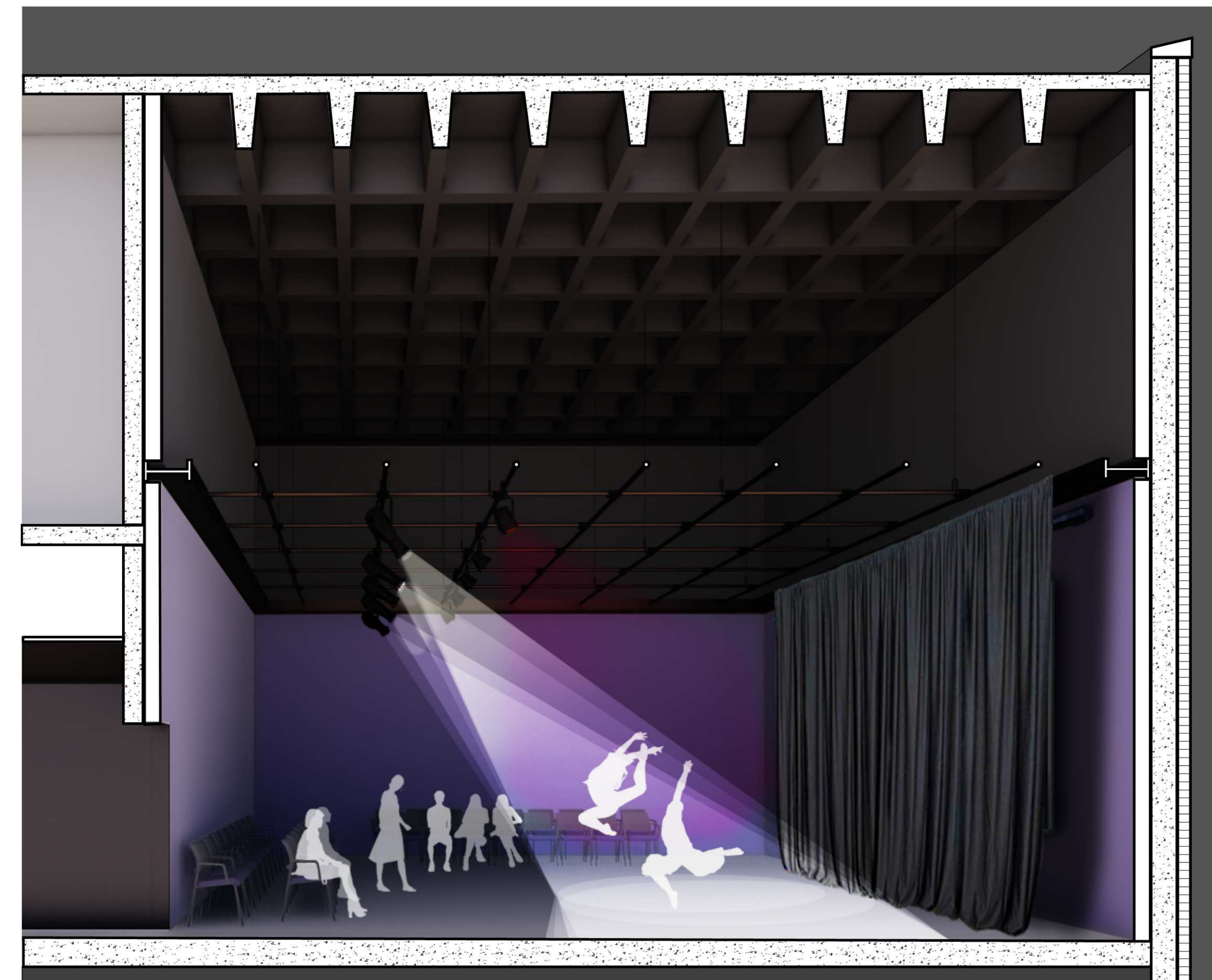
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A953



THEATER LAB INTERIOR - SMART SCREEN



THEATER LAB INTERIOR - GREEN SCREEN



THEATER LAB INTERIOR - LIVE PERFORMANCE

PROJECT:

**LANEY THEATER
MODERNIZATION**

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

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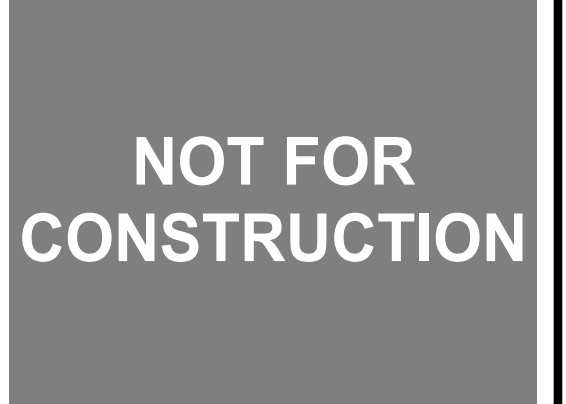
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NUMBER	DATE	DESCRIPTION

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AUGUST 3, 2020

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SHEET TITLE:
NARRATIVE

SHEET NUMBER:
S0.0N

EXISTING BUILDING SEISMIC CRITERIA

THE STRUCTURAL WORK FOR THE LANEY COLLEGE THEATER BUILDING AND THE LOCKER ROOM BUILDING CONSIST OF VOLUNTARY STRUCTURAL STRENGTHENING. THE PROPOSED MODIFICATION TO BOTH THE THEATER AND LOCKER ROOM STRUCTURES DO NOT TRIGGER A MANDATORY SEISMIC EVALUATION OR REHABILITATION PER CALIFORNIA ADMINISTRATIVE CODE (CAC) 4-309(C). THE STRUCTURAL WORK PROPOSED FOR BOTH BUILDINGS IS CLASSIFIED AS ALTERATIONS IN ACCORDANCE WITH CAC 4-309(A).

FOR THE THEATER BUILDING, THE STRUCTURAL SCOPE OF WORK IS GENERALLY LIMITED TO THE CREATION OF NEW FLOOR AND WALL OPENINGS, AND THE ADDITION OF A FULL HEIGHT PASSENGER ELEVATOR. THE PROPOSED LOBBY EXTENSION IS A STEEL FRAMED ONE-STORY STRUCTURE THAT WILL BE SUPPORTED BY THE EXISTING LOCKER ROOM STRUCTURE BELOW. NEW COLUMNS AND DEEP FOUNDATIONS WILL SUPPORT ALL VERTICAL GRAVITY AND SEISMIC LOADS FROM THE EXTENSION AND SEISMIC FORCES WILL BE RESISTED BY THE EXISTING STRUCTURE. THE LOBBY EXTENSION IS A RELATIVELY SMALL ALTERATION TO LOCKER ROOM STRUCTURE IN TERMS OF BOTH ITS PLAN AREA AND ITS MASS.

- PER CAC 4-309(A):
- ALL NEW WORK WILL BE DETAILED IN ACCORDANCE WITH CURRENT CBC/DSA REQUIREMENTS
 - ALL NEW WORK WILL BE DESIGNED TO ENSURE THAT THE INCREASE IN SEISMIC FORCES ON GIVEN EXISTING ELEMENT IS LIMITED TO 5% OR LESS
 - ALL NEW WORK WILL BE DESIGNED TO ENSURE THAT ANY DECREASE IN THE LATERAL STIFFNESS OR CAPACITY OF AN EXISTING ELEMENT IS LIMITED TO 5% OR LESS
 - INCREASES IN GRAVITY LOADS ON EXISTING ELEMENTS WILL BE LIMITED TO 5% OR LESS (CEBC 503.3). NEW GRAVITY LOAD CARRYING ELEMENTS ARE PROPOSED WHEREVER SIGNIFICANT NEW GRAVITY LOADS ARE IMPOSED.

- PER CAC 4-309(C):
- THE COST OF PROJECT DOES NOT EXCEED 50 PERCENT OF THE REPLACEMENT VALUE OF THE EXISTING BUILDING [4-309(C).1]
 - THE EFFECTIVE SEISMIC WEIGHT IN ANY STORY WILL NOT INCREASE BY MORE THAN 10 PERCENT [4-309(C).2.A]
 - THE LATERAL-FORCE-RESISTING CAPACITY OR STIFFNESS OF ANY STORY IN ANY ONE DIRECTION WILL NOT BE REDUCED BY MORE THAN 10 PERCENT [4-309(C).2.B]
 - THE WORK WILL NOT RESULT IN A PROHIBITED STRUCTURAL IRREGULARITY THAT IS PROHIBITED IN ASCE 7 [4-309(C).2.C]
 - THE PROJECT DOES NOT INCLUDE A CHANGE OF OCCUPANCY RESULTING IN A RECLASSIFICATION TO A HIGHER RISK CATEGORY. [4-309(C).3]

DESIGN BASIS

THE DESIGN IS IN ACCORDANCE WITH THE 2019 CALIFORNIA BUILDING CODE, WITH DSA AMENDMENTS

LIVE LOADS

ROOFS	20 PSF
FLOORS	
CORRIDORS, STAIRS	100PSF
MECHANICAL	100PSF
CLASSROOM	60PSF
PLAZA	100PSF

WIND LOADS

BASIC WIND SPEED =	110mph
EXPOSURE CATEGORY =	B
SURFACE ROUGHNESS CATEGORY =	B

SEISMIC LOADS

SEISMIC DESIGN CATEGORY =	D (NEW LOBBY)
RISK CATEGORY =	III (EXISTING THEATER AND NEW LOBBY)
I =	1.25
I _p =	1.0 (USE I _p = 1.5 FOR COMPONENTS REQUIRED FOR LIFE SAFETY OR CONTAINING HAZARDOUS MATERIALS)
S _s =	1.74g
S ₁ =	0.66g
SITE CLASS =	E
S _{as} =	1.39g
S _{at} =	0.88g

SEISMIC FORCE RESISTING SYSTEMS

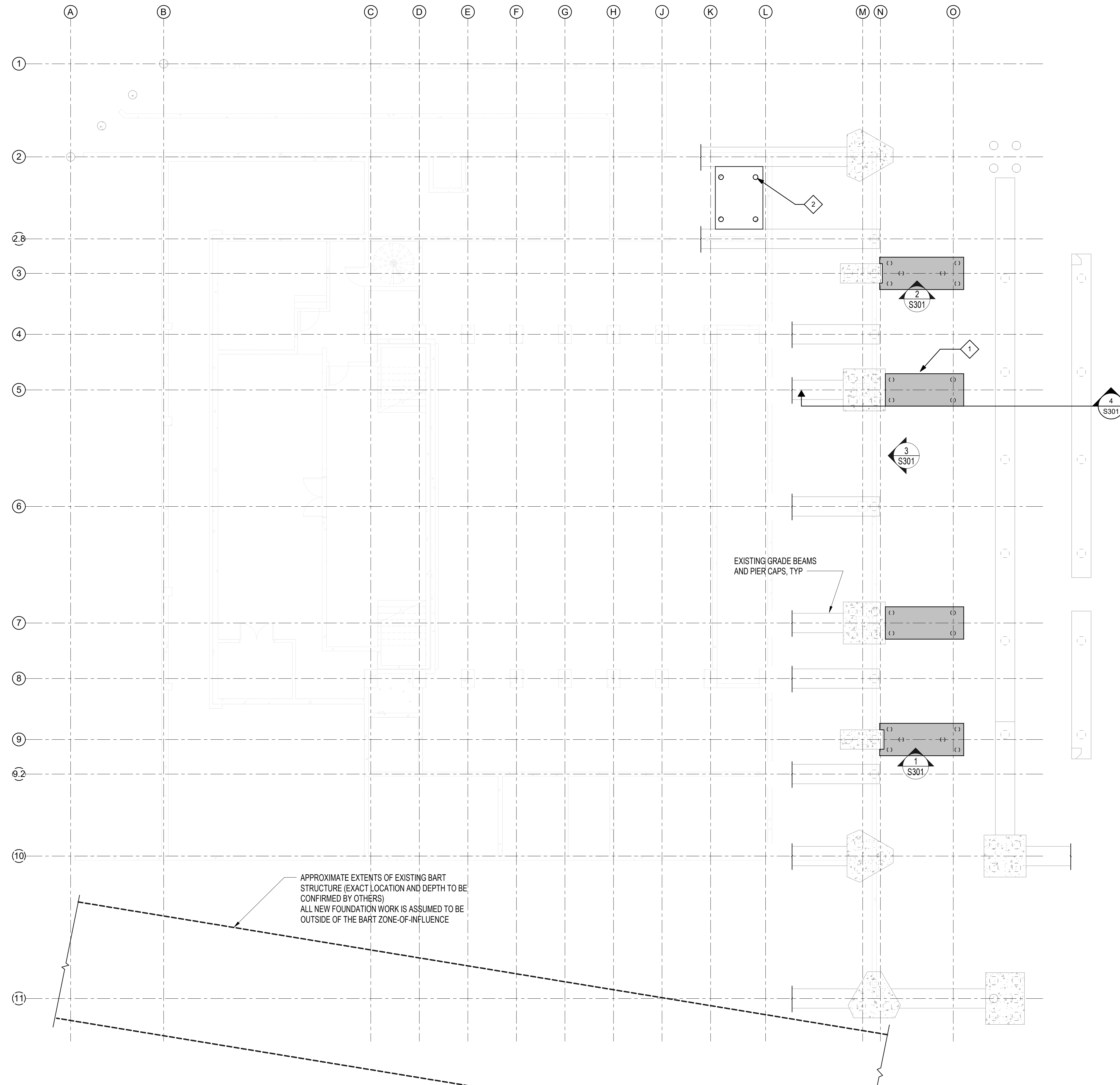
NEW LOBBY STRUCTURE
NORTH-SOUTH DIRECTION:
STEEL BUCKLING-RESTRAINED BRACED FRAME (BRBF) R=8 Ω_o=2.5 Cd=5

EAST-WEST DIRECTION:
STEEL SPECIAL CONCENTRICALLY BRACED FRAME (SCBF) R=6 Ω_o=2 Cd=5

THE SEISMIC FORCE RESISTING SYSTEMS CONSIST OF THE STEEL BRACED FRAMES AND COLUMNS, COLLECTORS, METAL DECK ROOFS AND FLOORS AND OTHER DRAWING SHEETS AND DETAILS NOTED AS SFRS. COLLECTORS ARE THOSE BEAMS NOTED ON THE PLANS TO HAVE COLLECTOR CONNECTIONS AT ONE OR BOTH ENDS.

BUILDING DRIFT

MAXIMUM INELASTIC SEISMIC STORY DRIFT = 0.015 x STORY HEIGHT.



FLOOR PLAN - BASEMENT (TRAP ROOM)

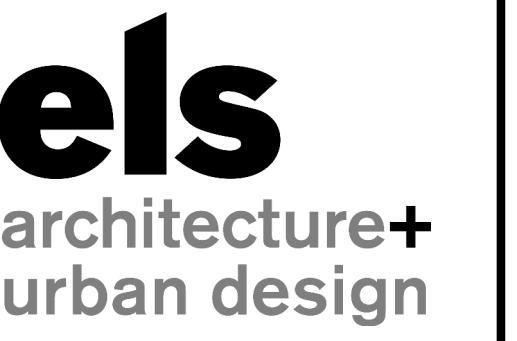
1
1/8" = 1'-0" S200

SHEET NOTES

1. EXISTING FLOOR CAPACITY IS SHOWN ON ORIGINAL STRUCTURAL DRAWINGS. TEMPORARY SHORING (DESIGNED BY CONTRACTOR) MAY BE REQUIRED TO SUPPORT CONSTRUCTION LOADING.

KEYNOTES

- 1 MICROPILES AND GRADE BEAMS, SEE S201
- 2 MICROPILES AT NEW ELEVATOR PIT



PROJECT:
**LANEY THEATER
MODERNIZATION**

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

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COLLEGE DISTRICT**

PROJECT TEAM:
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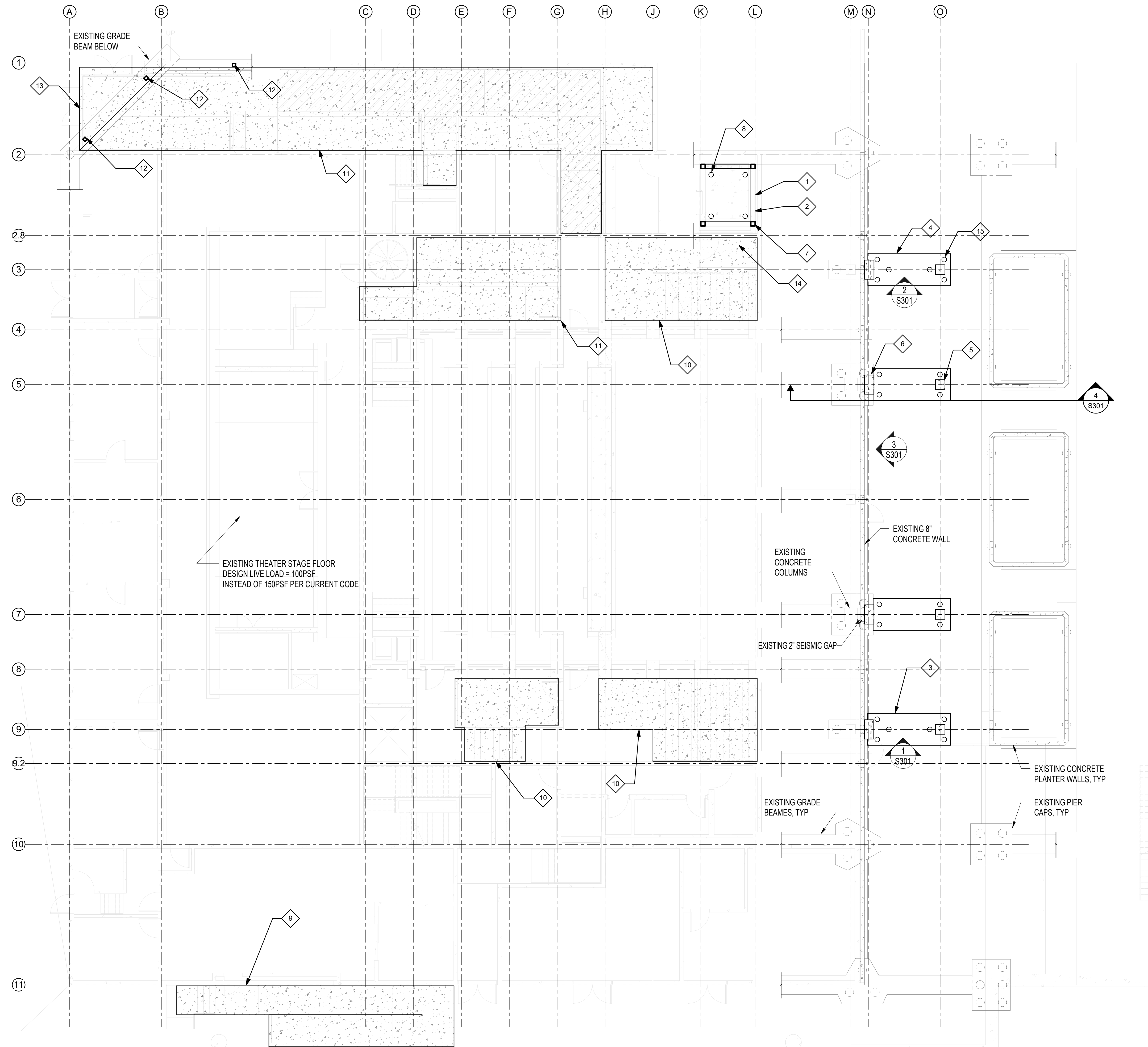
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SHEET TITLE:
**FOUNDATION PLAN
- BASEMENT LEVEL**

SHEET NUMBER:
S200



FLOOR PLAN - (STAGE) LEVEL 1

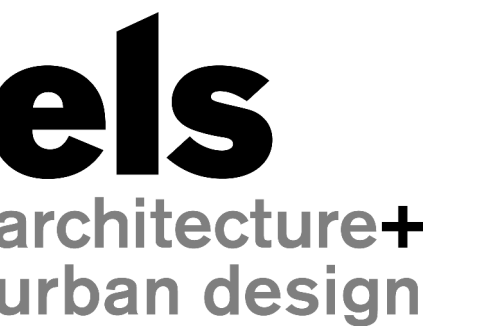
1
1/8" = 1'-0" S201

SHEET NOTES

1. EXISTING FLOOR CAPACITY IS SHOWN ON ORIGINAL STRUCTURAL DRAWINGS. TEMPORARY SHORING (DESIGNED BY CONTRACTOR) MAY BE REQUIRED TO SUPPORT CONSTRUCTION LOADING.

KEYNOTES

- 1 12' CONCRETE ELEVATOR PIT SLAB (200PCY REBAR), ALL REBAR RESIN DOWELED (#6 BARS) INTO EXISTING GRADE BEAMS (ASSUME 40 TOTAL)
- 2 8" CONCRETE ELEVATOR PIT WALLS (175PCY REBAR) (TYP 4)
- 3 DEMOLISH EXISTING SLAB-ON-GRADE AT EACH NEW GRADE BEAM AS REQUIRED FOR INSTALLATION. APPROXIMATE DIMENSIONS = 8FT WIDE, REPLACE-IN-KIND (6" SLAB-ON-GRADE)
- 4 CONCRETE PIER CAP, 5FT WIDE x 4FT DEEP (175PCY REBAR), TYP 4
- 5 18" SQ. CONCRETE COLUMNS (ASSUME 300PCY REBAR), TYP 4
- 6 18" X 36" CONCRETE COLUMNS (ASSUME 300PCY REBAR), (2) #4 RESIN DOWELS INTO EXISTING CONCRETE WALL AT 6" ON-CENTER
- 7 HSS8X8X1/2 ELEVATOR SUPPORT POSTS (TYP 4)
- 8 4.5" DIA. STEEL PUSH MICROPILES, ASSUMED TO BE APPROXIMATELY 40'-0" IN LENGTH, TOP 5 FEET DOUBLE-CASED WITH STEEL PIPE (TYP 4) UNDER NEW ELEVATOR PIT
- 9 CONCRETE RAMPING AND STAIR STRUCTURE. SEE ARCH DRAWINGS. STRUCTURE TO CONSIST OF 8" CONCRETE WALLS EPOXY-DOWELED INTO EXISTING STRUCTURE BELOW, WITH STRUCTURAL CONCRETE SLAB.
- 10 CONCRETE TOPPING SLAB AND CONCRETE STAIR, SEE ARCH DRAWINGS
- 11 CONCRETE RAMPING AND TOPPING SLAB, SEE ARCH DRAWINGS
- 12 HSS6X6X3/16 POST CENTERED ON DEMOLISHED CONCRETE WALL BELOW
- 13 6" CONCRETE SLAB-ON-GRADE
- 14 DEMOLISH EXISTING SLAB-ON-GRADE AS REQUIRED FOR NEW MICROPILE INSTALLATION AND REPLACE-IN-KIND (ASSUME 600 SQ. FT)
- 15 4.5" DIA. STEEL PUSH MICROPILES, ASSUMED TO BE APPROXIMATELY 40'-0" IN LENGTH, TOP 5 FEET DOUBLE-CASED WITH STEEL PIPE (TYP 20 UNDER NEW LOBBY)



PROJECT:
**LANEY THEATER
MODERNIZATION**

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
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LOW VOLTAGE:
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180 GRAND STREET, SUITE 950
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TEL: (510) 288-8373

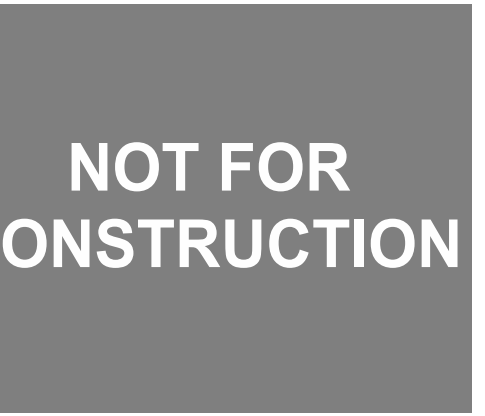
SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
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DATE:
AUGUST 3, 2020

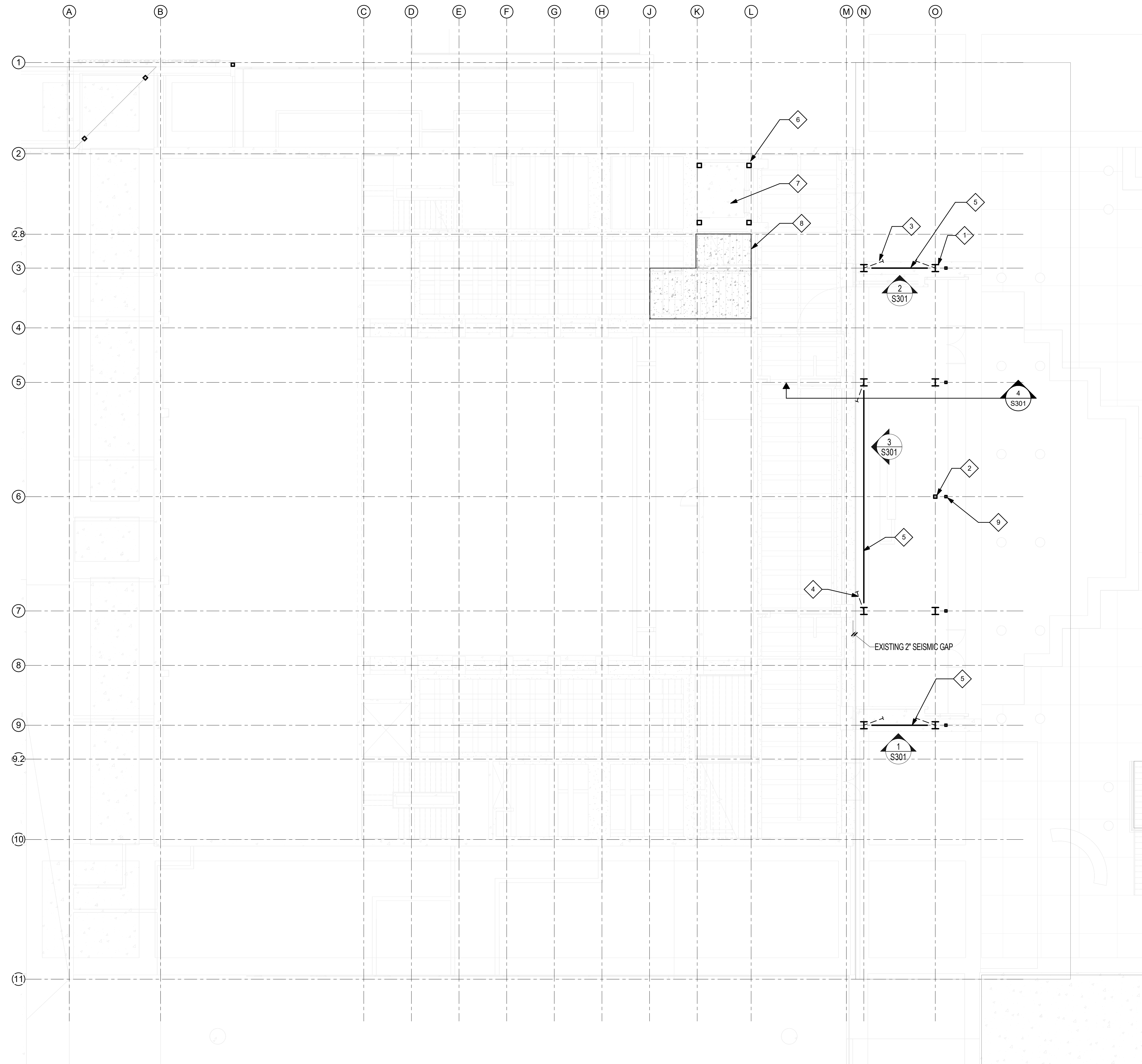
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SHEET TITLE:
**FOUNDATION PLAN
- STAGE LEVEL**

SHEET NUMBER:

S201



LOBBY LEVEL

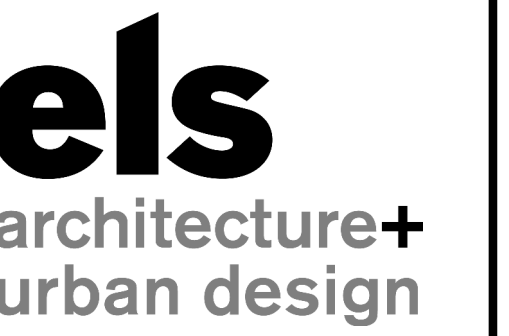
1
1/8" = 1'-0" S202

SHEET NOTES

1. EXISTING FLOOR CAPACITY IS SHOWN ON ORIGINAL STRUCTURAL DRAWINGS. TEMPORARY SHORING (DESIGNED BY CONTRACTOR) MAY BE REQUIRED TO SUPPORT CONSTRUCTION LOADING.

KEYNOTES

- 1 W12X120 AESS STEEL COLUMNS (TYP 8) ATOP CONCRETE PIER. ASSUME INTUMESCENT PAINTED. PARTIALLY CHIP HOLE THRU EXISTING SLAB 36" SQ. AS REQ'D FOR INSTALLATION. REPLACE SLAB IN KIND AFTER COL. INSTALLATION
- 2 HSS6X3X3/8 AESS POST ABOVE. ASSUME INTUMESCENT PAINTED.
- 3 HSS BRACES ABOVE. SEE S301
- 4 BRB BRACES ABOVE. SEE S301
- 5 STEEL DRAG PLATE, 1' x 12' x FULL-LENGTH OF FRAME (TYP AT 3 BRACED FRAMES). #5 RESIN ANCHORS @ 6" O.C. (60 TOTAL) INTO EXISTING SLAB. ASSUME 1" THICK GROUT BETWEEN PLATE AND EXISTING SLAB. FULL-LENGTH.
- 6 HSS POSTS CONTINUE UP TO UNDERSIDE OF LEVEL 3. SEE S201
- 7 DEMOLISH EXISTING CONCRETE STAIR AS REQUIRED FOR NEW ELEVATOR AND STAIRS
- 8 RE-BUILD CONCRETE STAIR
- 9 HSS4X4X1/2 AESS POST (TYP 5).



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SPECIFICATIONS:
TOPFLIGHT SPECS
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TEL: (415) 546-6033

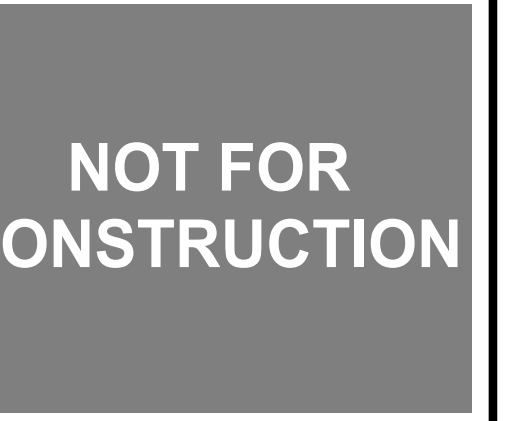
REVISION

NUMBER	DATE	DESCRIPTION

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DATE:
AUGUST 3, 2020

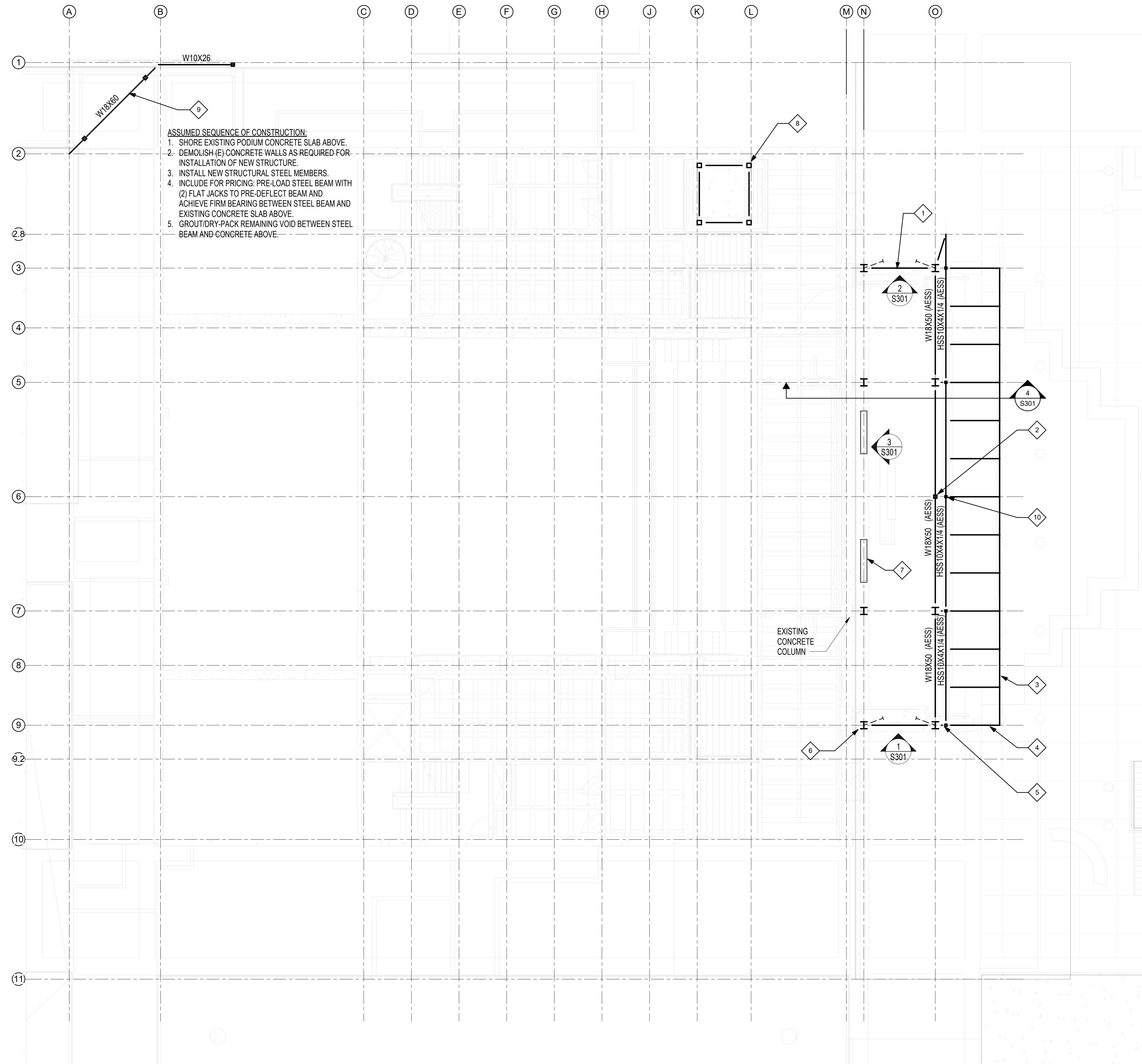
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SHEET TITLE:
**FRAMING PLAN -
LOBBY LEVEL**

SHEET NUMBER:

S202



LEVEL 2

1
1/8" = 1'-0" S203

SHEET NOTES

1. EXISTING FLOOR CAPACITY IS SHOWN ON ORIGINAL STRUCTURAL DRAWINGS. TEMPORARY SHORING (DESIGNED BY CONTRACTOR) MAY BE REQUIRED TO SUPPORT CONSTRUCTION LOADING.

KEYNOTES

- 1 TRUSS BRACING BEAM, SEE S301
- 2 HSS POST BELOW
- 3 STEEL FASCIA CHANNEL C6x8.2 (AESS)
- 4 STEEL WT-SHAPED OUTRIGGERS (AESS) TAPERING FROM WT9x23 TO WT5
- 5 HSS10x4x1/2 OUTRIGGERS (AESS) THRU CURTAIN WALL, TYP 5
- 6 JOINT COVER SHALL ACCOMMODATE 6" SEISMIC MOVEMENT BETWEEN NEW STRUCTURE AND EXISTING STRUCTURE, TYP ENTIRE WIDTH OF NEW LOBBY
- 7 BRB BRACING, SEE S301
- 8 HSS POSTS CONTINUE UP TO UNDERSIDE OF LEVEL 3, SEE S201
- 9 STEEL FRAMING (AESS, INTUMESCENT-PAINTED) TO SUPPORT EXISTING CONCRETE SLAB, SIZES AS SHOWN. SEE ASSUMED SEQUENCE OF CONSTRUCTION.
- 10 HSS POST BELOW (TYP 5).



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LOW VOLTAGE:
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TEL: (510) 288-8373

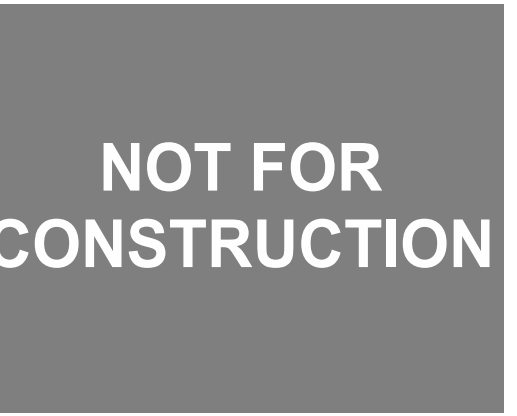
SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

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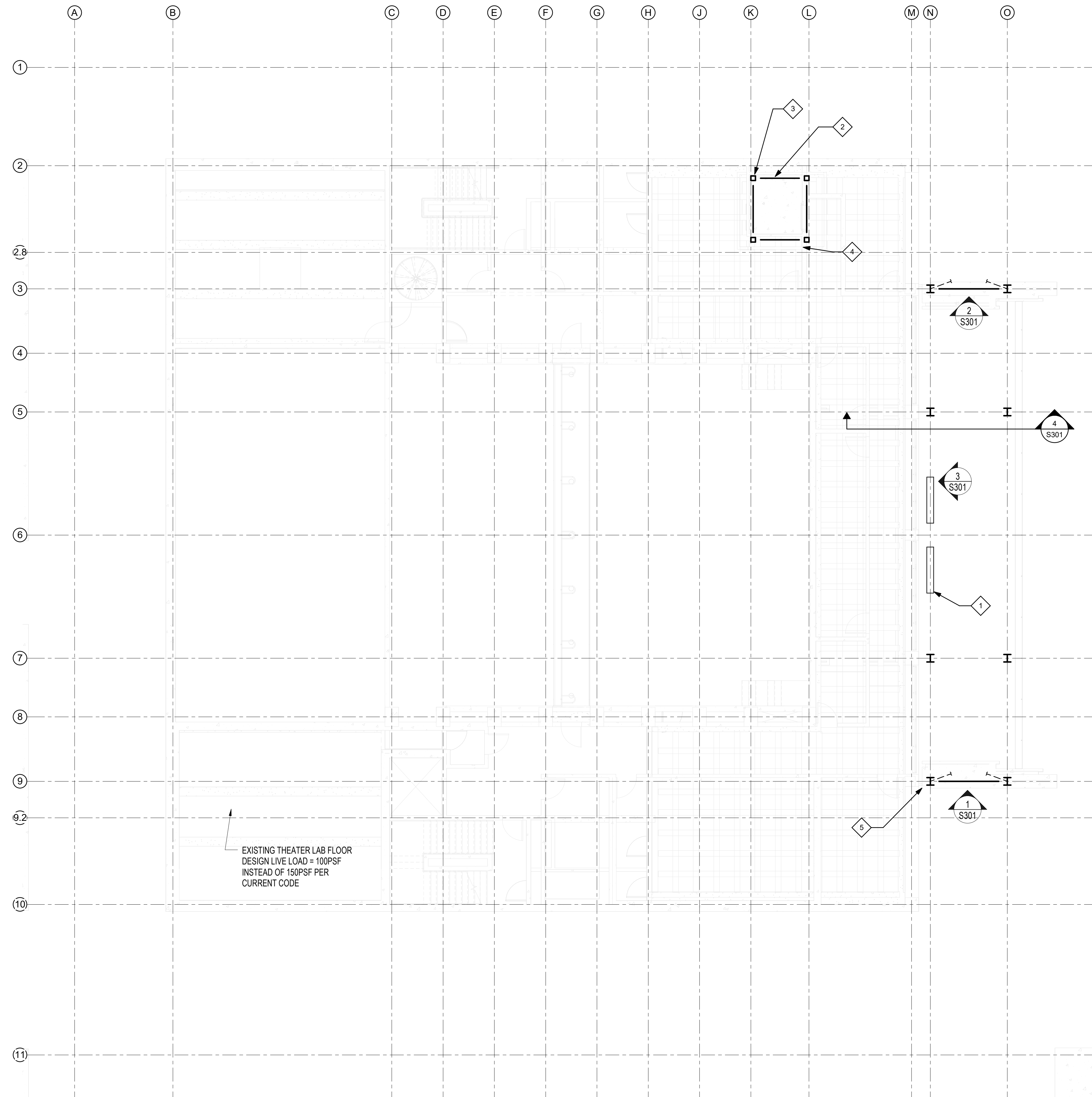
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AUGUST 3, 2020

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SHEET TITLE:
**FRAMING PLAN -
LEVEL 2**

SHEET NUMBER:
S203



FLOOR PLAN - LEVEL 3

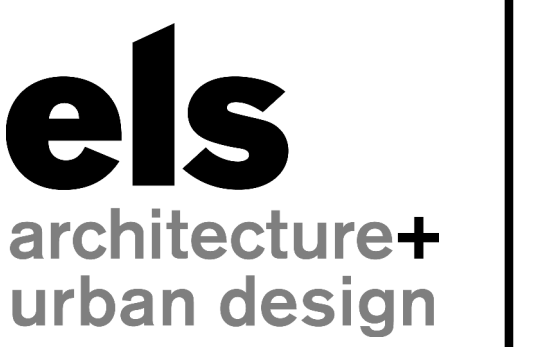
1
1/8" = 1'-0" S204

SHEET NOTES

1. EXISTING FLOOR CAPACITY IS SHOWN ON ORIGINAL STRUCTURAL DRAWINGS. TEMPORARY SHORING (DESIGNED BY CONTRACTOR) MAY BE REQUIRED TO SUPPORT CONSTRUCTION LOADING.

KEYNOTES

- 1 BRB BRACING, SEE S301
- 2 W12X14 FLOOR FRAMING (TYP 4), DRY-PACK GROUT BETWEEN TOP OF BEAM AND UNDERSIDE OF EXISTING CONCRETE JOISTS.
- 3 HSS8X8X1/2 ELEVATOR SUPPORT POSTS CONTINUE UP TO LEVEL 4
- 4 SHORE EXISTING WAFFLE-SLAB FLOOR AND DEMOLISH HOLE FOR ELEVATOR
- 5 JOINT COVER SHALL ACCOMMODATE 6" SEISMIC MOVEMENT BETWEEN NEW STRUCTURE AND EXISTING STRUCTURE, TYP ENTIRE WIDTH OF NEW LOBBY



PROJECT:
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MODERNIZATION**

MODERNIZATION PROJECT

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TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
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REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
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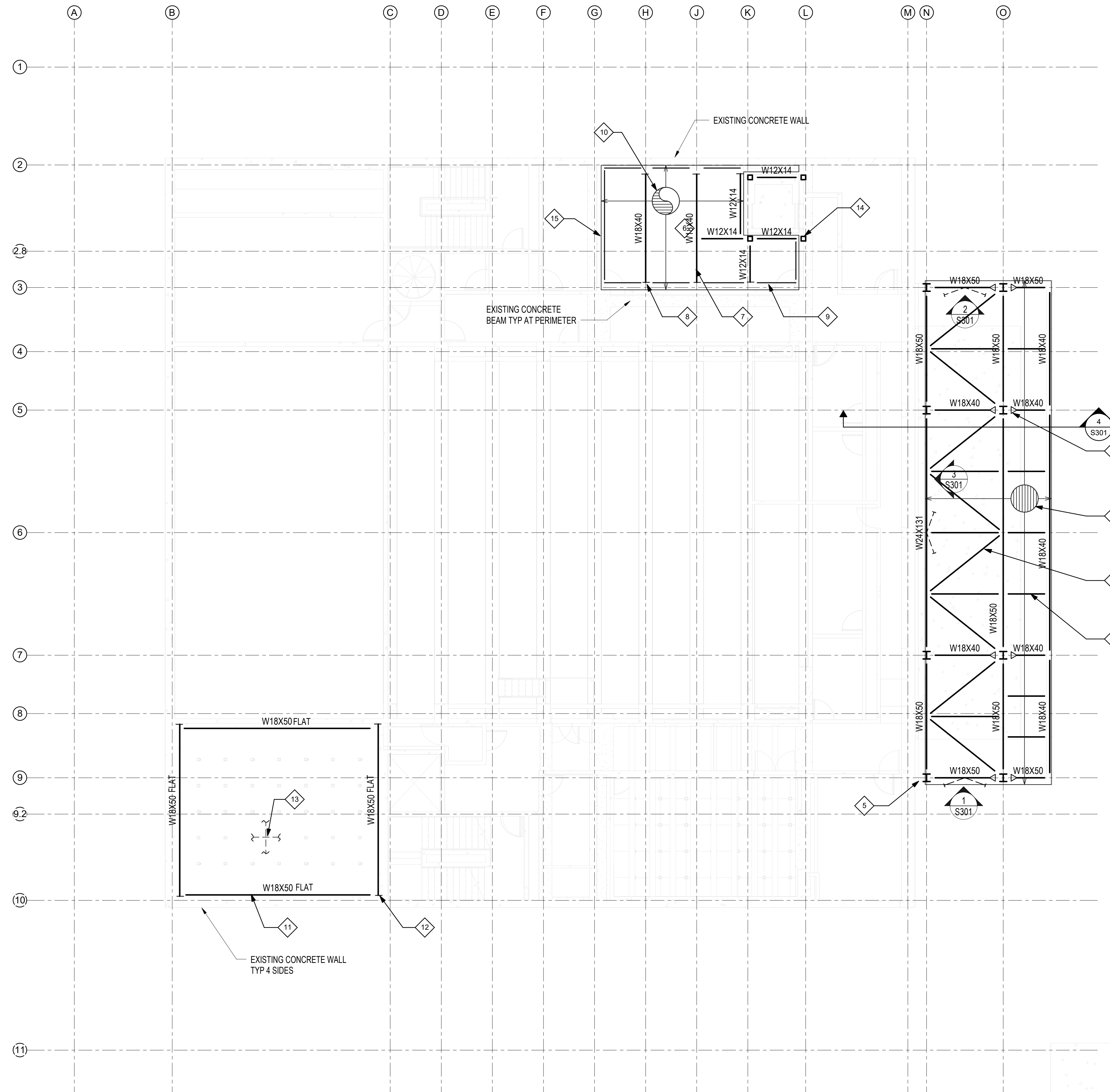
DATE:
AUGUST 3, 2020

STAMP:

**NOT FOR
CONSTRUCTION**

SHEET TITLE:
**FRAMING PLAN -
LEVEL 3**

SHEET NUMBER:
S204



FLOOR PLAN - LEVEL 4

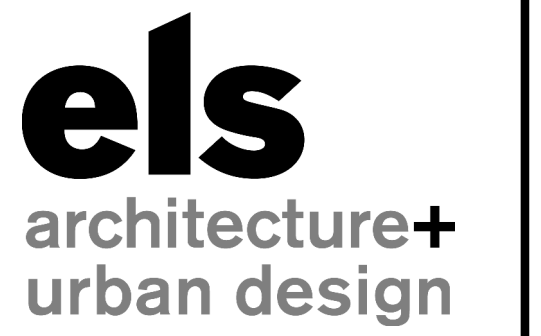
1
1/8" = 1'-0" S205

SHEET NOTES

1. EXISTING FLOOR CAPACITY IS SHOWN ON ORIGINAL STRUCTURAL DRAWINGS. TEMPORARY SHORING (DESIGNED BY CONTRACTOR) MAY BE REQUIRED TO SUPPORT CONSTRUCTION LOADING.

KEYNOTES

- 1 STEEL ROOF FRAMING, W12X14 TYP UNLESS NOTED OTHERWISE
- 2 SINGLE-PLATE BOLTED CONNECTION UNLESS NOTED OTHERWISE
- 3 STEEL ROOF IN-PLANE BRACING, HSS5x5x1/4, SLOTTED GUSSET PLATE END CONNECTION TYP
- 4 3" ROOF DECK (18GA), PUDDLE-WELDED TO STEEL ROOF FRAMING
- 5 CJP WELDED MOMENT CONNECTION, WHERE INDICATED
- 6 JOINT COVER SHALL ACCOMMODATE 6" SEISMIC MOVEMENT BETWEEN NEW STRUCTURE AND EXISTING STRUCTURE, TYP ENTIRE WIDTH OF NEW LOBBY
- 7 NOT USED
- 8 STEEL FRAMING AT INFILLED FLOOR, SIZES AS SHOWN
- 9 RESIN-DOWELLED STEEL PLATE CONNECTION TO EXISTING CONCRETE, TYP WHERE SHOWN
- 10 L4X4X3/8 LEDGER ANGLE AT PERIMETER, 1/2" DIA. EXPANSION ANCHOR AT 12" ON-CENTER INTO EXISTING CONCRETE
- 11 2" METAL DECK (18GA) WITH 3/25" LIGHTWEIGHT CONCRETE FILL
- 12 STEEL WALER BRACING EXISTING CONCRETE WALL, W18 BEAMS TURNED FLAT AND FASTENED TO EXISTING CONCRETE WALL WITH (2) 5/8" DIA. EXPANSION ANCHORS AT 12" ON-CENTER, 1" HIGH-STRENGTH NON-SHRINK GROUT BETWEEN STEEL AND EXISTING CONCRETE, FULL LENGTH OF WALER.
- 13 RESIN-DOWELLED STEEL PLATE CONNECTION TO EXISTING CONCRETE WALL
- 14 TENSION-GRID DESIGNED AND DETAILED BY OTHERS
- 15 HSS8X8X3/8 POSTS CONTINUE UP TO ROOF LEVEL, TYP 4
- 16 EXISTING CMU BLOCK WALL TO BE DEMOLISHED, TYP 3 SIDES OF EXISTING FLOOR OPENING.



PROJECT:
**LANEY THEATER
MODERNIZATION**

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

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REVISION		
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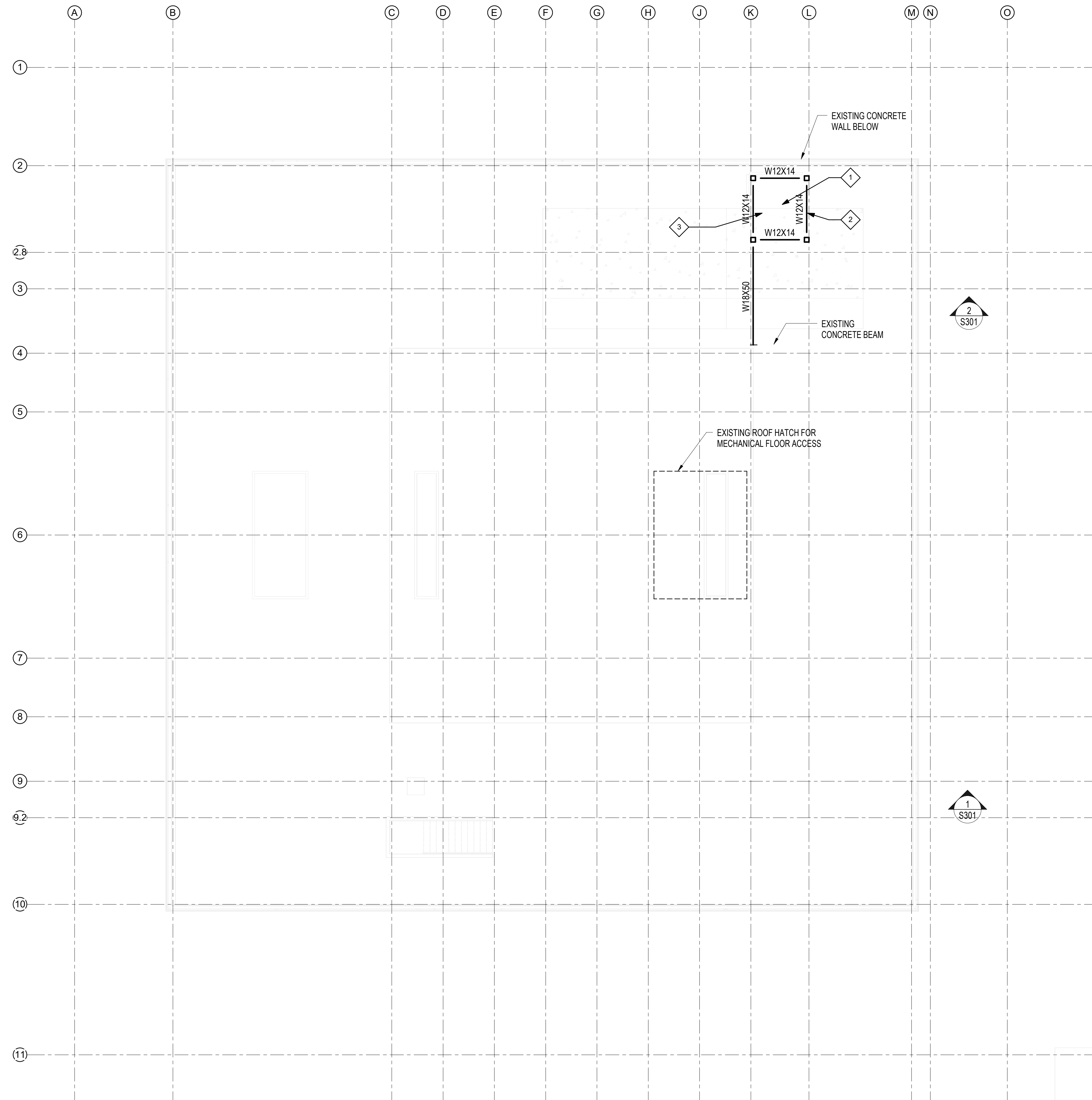
ISSUE:
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DATE:
AUGUST 3, 2020



SHEET TITLE:
**FRAMING PLAN -
LEVEL 4**

SHEET NUMBER:
S205



T.O.S. ROOF

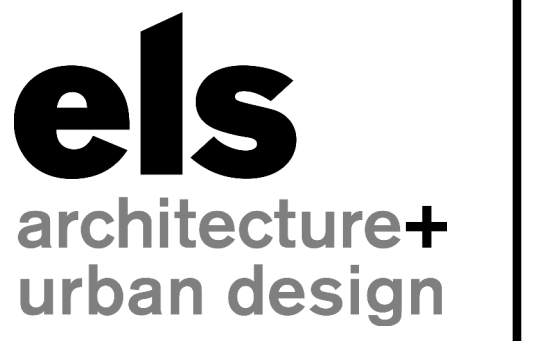
1
1/8" = 1'-0" S250

SHEET NOTES

1. EXISTING ROOF CAPACITY IS SHOWN ON ORIGINAL STRUCTURAL DRAWINGS. TEMPORARY SHORING (DESIGNED BY CONTRACTOR) MAY BE REQUIRED TO SUPPORT CONSTRUCTION LOADING.

KEYNOTES

- 1 SHORE EXISTING CONCRETE BEAMS, JOIST, AND SLAB. DEMOLISH HOLE FOR ELEVATOR
- 2 STEEL ROOF FRAMING, SIZES AS SHOWN
- 3 ELEVATOR OVERRUN PENTHOUSE ABOVE. ASSUME HSS4X4X1/2 POSTS WITH W12X14 ROOF FRAMING AND 3" METAL ROOF DECK.



PROJECT:
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MODERNIZATION PROJECT

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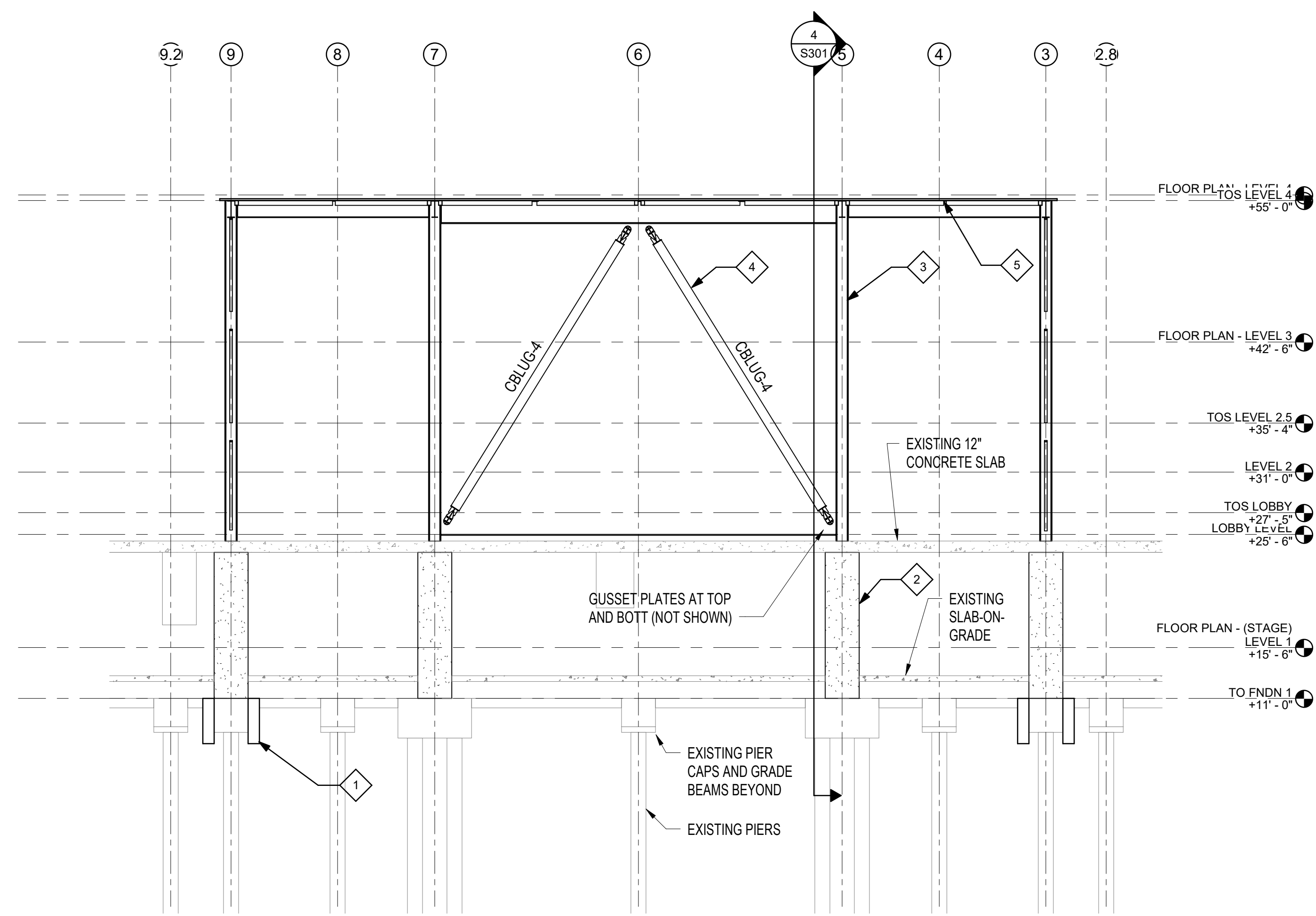
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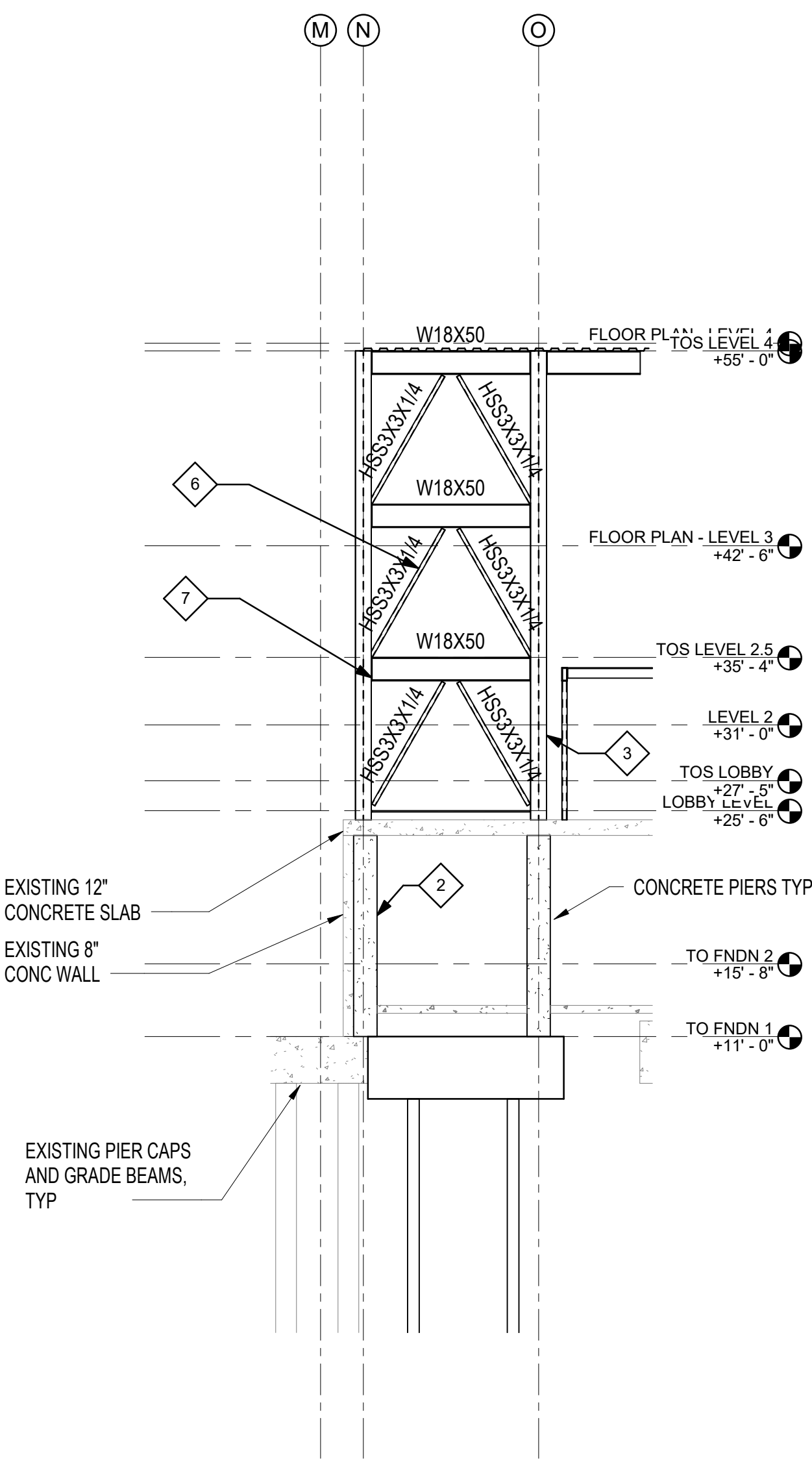


SHEET TITLE:
ROOF PLAN

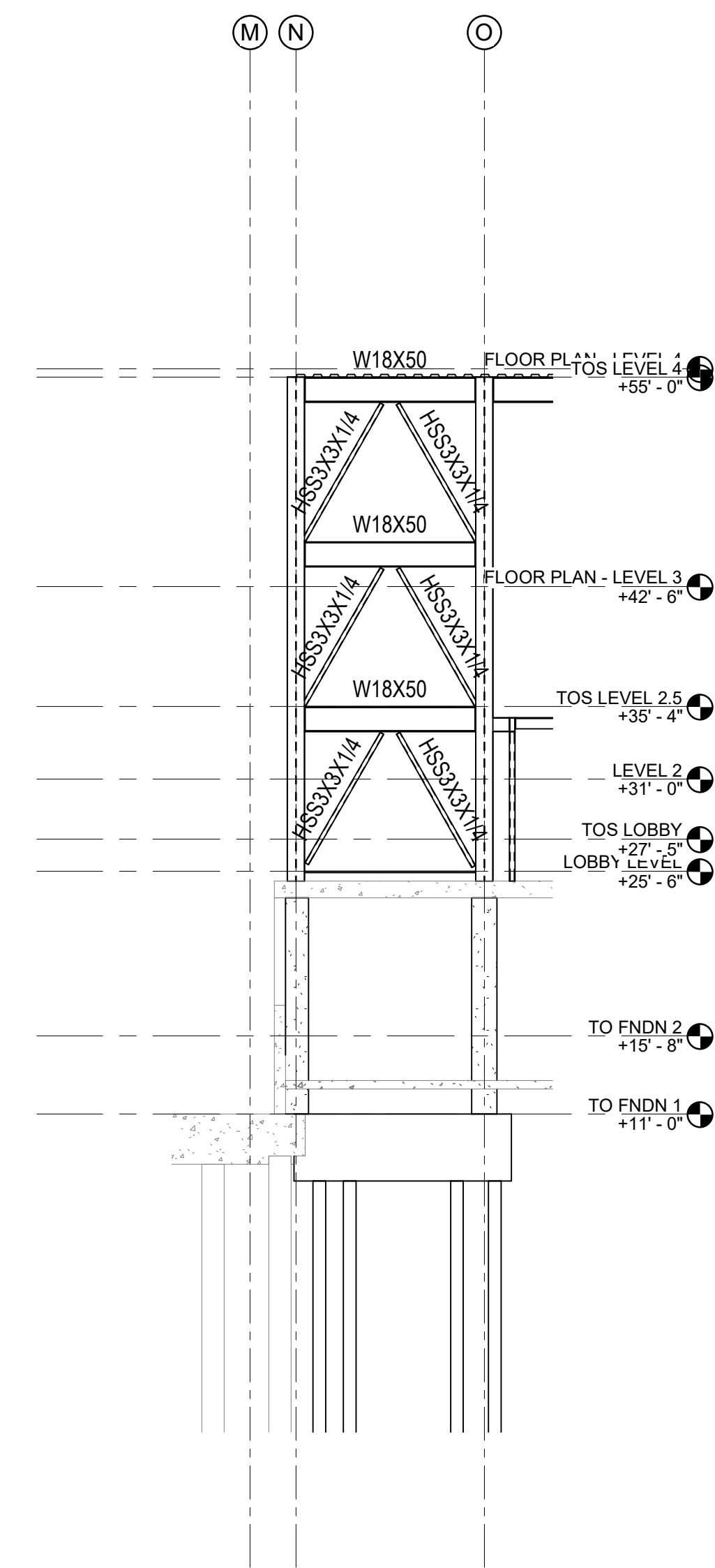
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S250



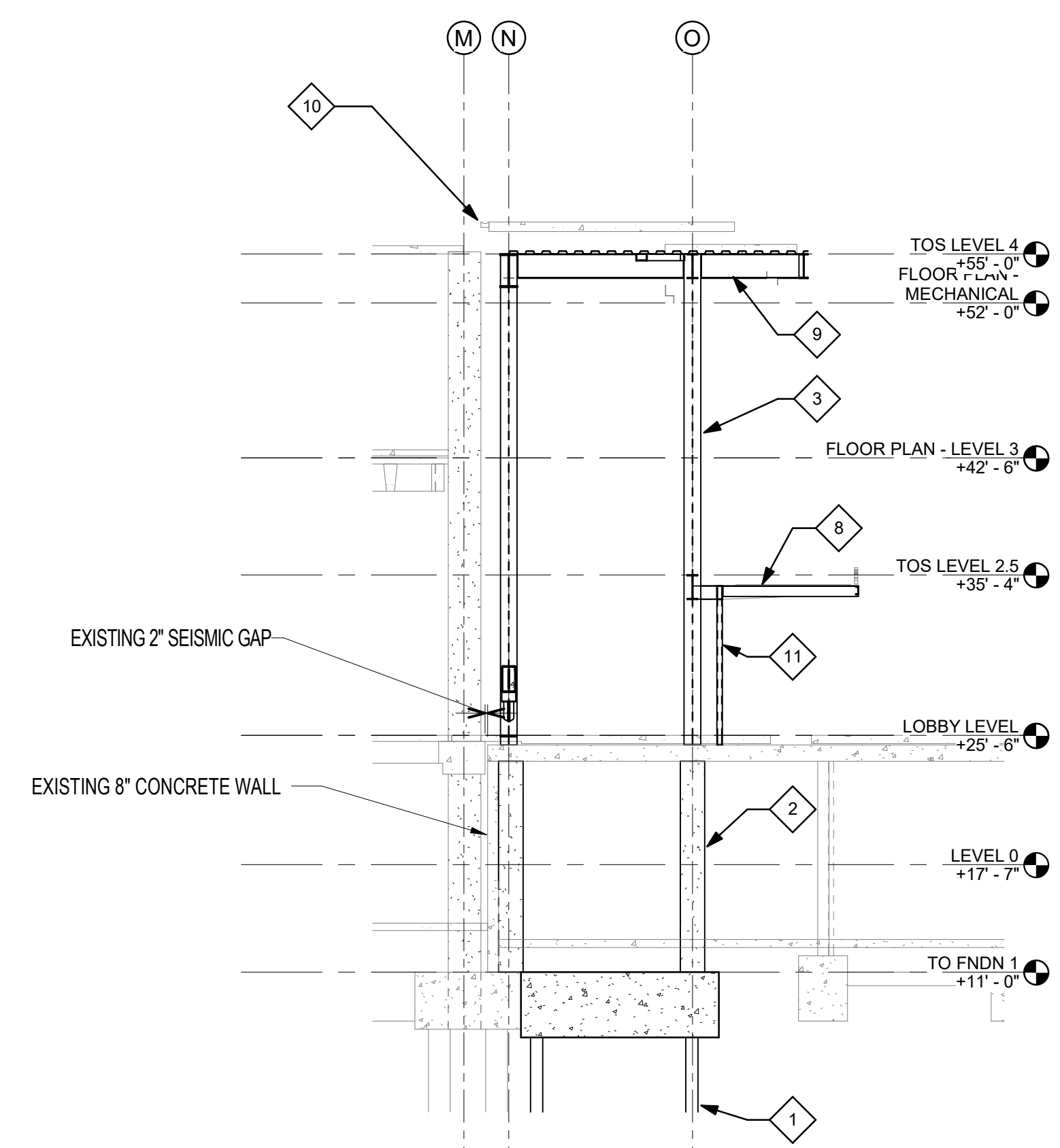
ELEVATION AT GRID N 3
1/8" = 1'-0" S301



ELEVATION AT GRID 3 2
1/8" = 1'-0" S301



ELEVATION AT GRID 9 1
1/8" = 1'-0" S301



BUILDING SECTION AT NEW LOBBY 4
1/8" = 1'-0" S301

SHEET NOTES

KEYNOTES

- 1 MICROPILE FOUNDATIONS, SEE PLANS
- 2 CONCRETE PIERS, SEE PLANS
- 3 STEEL COLUMNS, SEE PLANS
- 4 BRB BRACING, PINNED-END CONNECTIONS, AESS
- 5 STEEL ROOF FRAMING, SEE PLANS
- 6 TUBE STEEL BRACING, TYP
- 7 BEAM-TO-COLUMN CONNECTION TO BE FULLY-WELDED WUF-W CONNECTION, TYP ALL
- 8 CANOPY STEEL FRAMING, SEE S203
- 9 ROOF STEEL FRAMING, SEE S205
- 10 JOINT COVER SHALL ACCOMMODATE 6" SEISMIC MOVEMENT BETWEEN NEW STRUCTURE AND EXISTING STRUCTURE, TYP ENTIRE WIDTH OF NEW LOBBY
- 11 HSS POST PER PLAN.



PROJECT:
**LANEY THEATER
MODERNIZATION**

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
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SPECIFICATIONS:
TOPFLIGHT SPECS
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REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
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AUGUST 3, 2020

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CONSTRUCTION**

SHEET TITLE:
ELEVATIONS

SHEET NUMBER:
S301

PROJECT:

**LANEY COLLEGE
THEATER**

PROJECT NUMBER:

202004.00

CLIENT:

**PERALTA COMMUNITY
COLLEGE DISTRICT**

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COVER SHEET

SHEET NUMBER:

M001

ABBREVIATIONS

AC	AIR CONDITIONING
ACH	ALTERNATING CURRENT
ACH	AIR CHANGES PER HOUR
ACM	ASBESTOS CONTAINING MATERIAL
AEE	ASSOCIATION OF ENERGY ENGINEERS
AFD	ADJUSTABLE FREQUENCY DRIVE
AFUE	ANNUAL FUEL EFFICIENCY RATIO
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AO	ANALOG OUTPUT
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS
B	BOILER
BACNET	B A DATA COMMUNICATION PROTOCOL FOR BUILDING AUTOMATION AND CONTROL NETWORKS
BAS	BUILDING AUTOMATION SYSTEM
BCA	BUILDING COMMISSIONING ASSOCIATION
BI	BACKWARD INCLINE
BI	BINARY INPUT
BO	BINARY OUTPUT
BSLN	BASELINE
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNITS / HOUR
BY	BASE YEAR
CAV	CONSTANT AIR VOLUME
CD	COLD DECK
CCD	COOLING DEGREE DAYS
CEM	CERTIFIED ENERGY MANAGER
CFC	CHLOROFLUOROCARBON
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHW	CHILLED WATER
CHWP	CHILLED WATER PUMP
CHWR	CHILLED WATER RETURN
CHWT	CHILLED WATER SUPPLY TEMPERATURE
CHWS	CHILLED WATER SUPPLY
CHWST	CHILLED WATER SUPPLY TEMPERATURE
CLF	COOLING LOAD FACTOR
CLTD	COOLING LOAD TEMPERATURE DIFFERENCE
COP	COEFFICIENT OF PERFORMANCE
CRAC	COMPUTER ROOM AIR CONDITIONER
CT	COOLING TOWER
CV	CONSTANT VOLUME
CVRMSE	COEFFICIENT OF VARIATION OF THE ROOT MEAN SQUARE OF THE ERROR
CWP	CONDENSER WATER PUMP
CWR	CONDENSER WATER RETURN
CWRT	CONDENSER WATER RETURN TEMPERATURE
CWS	CONDENSER WATER SUPPLY
CWST	CONDENSER WATER SUPPLY TEMPERATURE
CY	CURRENT YEAR
DA	DISCHARGE AIR
DB	DATA BASE
DB	DRY BULB
DC	DIRECT CURRENT
DCV	DEMAND CONTROLLED VENTILATION
DD	DEGREE DAY
DDC	DIRECT DIGITAL CONTROL
DH	DUCT HEATER
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DOP	DEW POINT
DP	DIFFERENTIAL PRESSURE
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
ECM	ELECTRONICALLY COMMUTATED MOTOR
ECO	ENERGY CONSERVATION MEASURE
EDH	ENERGY CONSERVATION OPPORTUNITY
EEM	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY MEASURE
EER	ENERGY EFFICIENCY RATIO
EH	EXHAUST FAN
EH	ELECTRIC HEATER
EMS	ENERGY MANAGEMENT SYSTEM
ESCO	ENERGY SERVICE COMPANY
EUH	ELECTRIC UNIT HEATER
EWV	ENTERING WATER TEMPERATURE
FC	FORWARD CURVE
FCU	FAN COIL UNIT
FM	FACILITY IMPROVEMENT MEASURE
FLA	FULL LOAD AMPS
FMS	FACILITY MANAGEMENT SYSTEM
FM	FEET PER MINUTE
FW	FEED WATER
GPM	GALLONS PER MINUTE
GUI	GRAPHICAL USER INTERFACE
HCFC	HYDROCHLOROFLUOROCARBON
HD	HOT DECK
HDD	HEATING DEGREE DAYS
HEPA	HIGH EFFICIENCY PARTICULATE ARRESTING
HFC	HYDROFLUOROCARBON
HHV	HIGHER HEATING VALUE
HHWP	HEATING HOT WATER PUMP
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY

HL	HIGH LIMIT
HPS	HIGH PRESSURE STEAM
HR	HEAT RECOVERY
HRU	HEAT RECOVERY UNIT
HRV	HEAT RECOVERY VENTILATOR
HSPF	HEATING SEASONAL PERFORMANCE FACTOR
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HWP	HOT WATER PUMP
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HWRT	HOT WATER RETURN TEMPERATURE
HWST	HOT WATER SUPPLY TEMPERATURE
HX	HEAT EXCHANGER
IQ	INPUT OUTPUT
IAQ	INDOOR AIR QUALITY
IPMVP	INTERNATIONAL PERFORMANCE MEASUREMENT AND VERIFICATION PROTOCOL
IR	INFRA-RED
LAT	LEAVING AIR TEMPERATURE
LHV	LOWER HEATING VALUE
LL	LOW LIMIT
LLN	LOCAL OPERATING NETWORK
LP	LOW PRESSURE
LPS	LOW PRESSURE STEAM
LRA	LOCKED ROTOR AMPS
LWBT	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MV	MEASUREMENT AND VERIFICATION
MA	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MCC	MOTOR CONTROL CENTER
MUA	MAKE-UP AIR UNIT
MX	MATRIX UTILITY ACCOUNTING SYSTEM
MZ	MULTI-ZONE
NC	NORMALLY CLOSED
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
OA	OUTSIDE AIR
OAP	OUTSIDE AIR PERCENTAGE
OAT	OUTSIDE AIR TEMPERATURE
OOP	OPEN DRIP PROOF
OWS	OPERATOR WORK STATION
PC	PERFORMANCE CONTRACTING
PE	PROFESSIONAL ENGINEER
PH	PRE-HEAT
PID	PROPORTIONAL INTEGRAL DERIVATIVE
PRV	PRESSURE RELIEF VALVE
PRV	PRESSURE REDUCING VALVE
PTAC	PACKAGED TERMINAL AIR CONDITIONER
RA	RETURN AIR
RF	RETURN FAN
RH	REHEAT
RH	RELATIVE HUMIDITY
RFM	REVOLUTIONS PER MINUTE
RTD	RESISTANCE TEMPERATURE DETECTOR
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
SC	SHADING COEFFICIENT
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY FAN
SHFG	SOLAR HEAT GAIN FACTOR
SHR	SENSIBLE HEAT RATIO
SP	SET POINT
SP	STATIC PRESSURE
SWP	STEAM WORKING PRESSURE
T	TEMPERATURE
T	THERMOSTAT
TEV	THERMOSTATIC EXPANSION VALVE
TOD	TIME OF DAY
TORR	MILLIMETER OF MERCURY (MMHG)
TXY	THERMOSTATIC EXPANSION VALVE
UH	UNIT HEATER
UV	ULTRAVIOLET
UV	UNIT VENTILATOR
UV	VARIABLE AIR VOLUME
VAV	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VSD	VARIABLE SPEED DRIVE
VSP	VARIABLE SPEED PUMP(ING)
WB	WET BULB
WC	WATER COLUMN
YTD	YEAR TO DATE

MECHANICAL SHEET LIST

NUMBER	NAME
M001	COVER SHEET
M002	SCHEDULE
M101	MECHANICAL DEMOLITION PLAN - STAGE
M102	MECHANICAL DEMOLITION PLAN - BASEMENT AND LOBBY LEVEL
M103	MECHANICAL DEMOLITION PLAN - LEVEL 2
M104	MECHANICAL DEMOLITION PLAN - LEVEL 3
M105	MECHANICAL DEMOLITION PLAN - LEVEL 4
M106	MECHANICAL DEMOLITION ROOF PLAN
M201	MECHANICAL PLAN - STAGE
M202	MECHANICAL PLAN - BASEMENT AND LOBBY LEVEL
M203	MECHANICAL PLAN - LEVEL 2
M204	MECHANICAL PLAN - LEVEL 3
M205	MECHANICAL PLAN - LEVEL 4
M206	MECHANICAL ROOF PLAN
M401	MECHANICAL ZONING PLAN - STAGE
M402	MECHANICAL ZONING PLAN - BASEMENT AND LOBBY LEVEL
M403	MECHANICAL ZONING PLAN - LEVEL 2
M404	MECHANICAL ZONING PLAN - LEVEL 3
M405	MECHANICAL ZONING PLAN - LEVEL 4

GENERAL NOTES

ARCHITECTURAL

- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING DIFFUSERS, ETC.
- LIGHT FIXTURE LOCATIONS TAKE PRECEDENCE OVER DIFFUSERS AND GRILLE LOCATIONS. LOCATE DIFFUSERS AND GRILLES TO ACCOMMODATE LIGHTING LAYOUT.
- REFER TO ARCHITECTURAL FLOOR PLANS FOR LOCATION AND RATING OF ALL FIRE WALLS.

GENERAL

- THE HVAC CONTRACTOR SHALL VISIT THE JOB SITE AND BE FAMILIAR WITH ALL PROJECT CONDITIONS PRIOR TO FABRICATING DUCTWORK, EQUIPMENT, ETC. NO ALLOWANCES WILL BE MADE FOR CONTRACTOR'S UNFAMILIARITY WITH PROJECT CONDITIONS.
- PIPING AND DUCTWORK ROUTING SHOWN IS SCHEMATIC. HVAC CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS, INCLUDING DIVIDED DUCTS, REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES ASENCONTERED IN THE FIELD.
- FURNISH ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR THE COMPLETE INSTALLATION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH ALL APPLICABLE CODES, ASHRAE, SMACNA, NFPA, EPA, ETC.
- PRIOR TO INSTALLATION OF ASSOCIATED WORK, INSTALLER SHALL MEET AT PROJECT SITE WITH GENERAL CONTRACTOR, INSTALLER OF EACH COMPONENT OF ASSOCIATED WORK, INSPECTION AND TESTING AGENCY REPRESENTATIVES (IF ANY), INSTALLERS OF OTHER WORK REQUIRING COORDINATION WITH WORK OF THIS SECTION AND ARCHITECT/OWNER FOR PURPOSE OF COORDINATING LOCATIONS OF PROPOSED SYSTEMS, REVIEWING MATERIAL SELECTIONS, AND PROCEDURES TO BE FOLLOWED IN PERFORMING THE WORK IN COMPLIANCE WITH REQUIREMENTS SPECIFIED.
- COORDINATE INSTALLATION AND LOCATIONS OF DUCTWORK AND PIPING WITH BUILDING STRUCTURE, PLUMBING PIPING, ELECTRICAL CONDUIT, LIGHTING, ETC. PRIOR TO PURCHASING OR INSTALLING EQUIPMENT AND MATERIALS.
- ALL PIPING, VENTS, ETC. EXTENDING THROUGH WALLS AND ROOF SHALL BE FLASHED AND COUNTERFLASHED IN A WATERPROOF MANNER.
- MAINTAIN MINIMUM OF TEN (10) FEET BETWEEN OUTDOOR AIR INTAKES AND EXHAUST FAN DISCHARGE, PLUMBING VENTS, ETC.
- REFER TO PIPING DRAWINGS FOR LOCATION AND ROUTING OF ALL CONDENSATE DRAIN LINE CONNECTION POINTS.
- DIVISION 23 SHALL BE LICENSED TO PERFORM MECHANICAL WORK IN THE MUNICIPALITY IN WHICH THE PROJECT IS LOCATED.
- DIVISION 23 SHALL GUARANTEE ALL WORK PERFORMED AND MATERIALS FURNISHED UNDER THIS CONTRACT AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE OF THE WORK. ANY DEFECTS SHALL BE RECTIFIED BY DIVISION 15 WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- WORK SHALL CONFORM WITH THE LATEST EDITIONS OF CALIFORNIA BUILDING CODE, CALIFORNIA MECHANICAL CODE, CALIFORNIA ENERGY CODE, AND ANY STATE AND LOCAL CODES OR REGULATIONS THAT APPLY.
 - IN CASE OF CONFLICTS BETWEEN DRAWINGS, SPECIFICATIONS, AND INTERPRETATION OF CODES BY LOCAL AUTHORITY, LATER SHALL GOVERN.

EQUIPMENT

- ALL HVAC EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS AS SHOWN. UTILIZE FACTORY FILTERS DURING CONSTRUCTION AND REPLACE (IN KIND) JUST PRIOR TO TESTING AND BALANCING.
- ALL EQUIPMENT SHALL HAVE A ONE (1) YEAR WARRANTY; COMPRESSORS SHALL HAVE AN ADDITIONAL FIVE (5) YEAR EXTENDED WARRANTY. ROOFTOP UNIT HEAT EXCHANGERS SHALL HAVE AN ADDITIONAL TEN (10) YEAR EXTENDED WARRANTY. ALL WRITTEN GUARANTEES SHALL BE IN FULL FORCE AND EFFECT AT THE DATE OF ARRIVAL AT THE PROJECT SITE. STORE ALL EQUIPMENT IN A DRY PLACE, PROTECTING ALL EQUIPMENT FROM THE WEATHER, CONSTRUCTION TRAFFIC AND THEFT.
- ROOF CURBS SHALL HAVE A BASE THAT FITS SLOPE OF ROOF AS REQUIRED. TOP OF ROOF CURB SHALL BE LEVEL.
- FLEXIBLE CONNECTORS SHALL BE INSTALLED ON SUPPLY, RETURN, AND EXHAUST AIR DUCTS AT ALL EQUIPMENT CONNECTIONS.

DUCTWORK

- RUN ALL DUCTWORK AND PIPING AS TIGHT TO BOTTOM OF STEEL AS POSSIBLE OR RUN THRU OPEN JOIST WEBBING.
- DUCTWORK SHALL NOT BE SUPPORTED FROM BRIDGING, CONDUIT, PIPING, ETC. OF ANY KIND. DO NOT USE FASTENERS THAT PENETRATE ROOF DECKS.
- ASPECT RATIO SHALL NOT EXCEED 3:1.
- ALL DUCTWORK INSTALLATION SHALL RUN CONTINUOUSLY THROUGH PARTITIONS.
- LOCATE ALL DUCT BALANCING DAMPERS, CONTROL DAMPERS AND FIRE DAMPERS ABOVE ACCESSIBLE CEILINGS OR PROVIDE CEILING ACCESS DOORS.
 - WHERE THROUGH PASS THROUGH A FIRE-RATED ASSEMBLY, AND THERE ARE 0 FIRE DAMPERS SHOWN ON THE PLANS (DUCTWORK SIZE IS LESS THAN 100 SQUARE INCHES), PROVIDE THE FOLLOWING, MINIMUM:
 - A MINIMUM OF 12-INCH LONG BY 0.060-INCH THICK STEEL SLEEVE SHALL BE CENTERED IN EACH DUCT OPENING.
 - THE SLEEVE SHALL BE SECURED TO BOTH SIDES OF THE WALL AND ALL FOUR SIDES OF THE SLEEVE WITH A MINIMUM OF 1-1/2" X 1-1/2" X 0.067" STEEL, RETAINING ANGLES.
 - THE RETAINING ANGLES SHALL BE SECURED TO THE SLEEVES AND THE WALL WITH NO. 10 (M5) SCREWS.
 - THE ANNULAR SPACE BETWEEN THE STEEL SLEEVE AND WALL SHALL BE FILLED WITH SILICONE ELASTOMER TO PROVIDE A MINIMUM 2-HOUR RATED FIRESTOP.
 - PROVIDE VOLUME CONTROL DAMPERS WITH QUADRANT AND LOCK AND STANDOFF COLLAR AT ALL BRANCH DUCTS TO DIFFUSERS. INSTALL AT A MINIMUM OF TWO DUCT WIDTHS FROM BRANCH TAKEOFF. DUCTWORK SIZES INDICATED ON DRAWINGS ARE INSIDE, FREE AND CLEAR DIMENSIONS. INCREASE DUCT OUTSIDE DIMENSION SIZE BY TWO (2) TIMES THE THICKNESS OF THE INSULATION.
 - ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS.
 - ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL IN AREAS WITH FINISHED CEILINGS.
 - WHERE RECTANGULAR DUCTWORK IS INDICATED, AND AT INSTALLERS OPTION, SPIRAL AND ROUND DUCTWORK MAY BE SUBSTITUTED FOR RECTANGULAR DUCTWORK PROVIDED THEY ARE EQUIVALENT TO THE RECTANGULAR DIMENSIONS INDICATED ON THE DRAWINGS (i.e.: 8x4 = 8"0, 10x6 = 10"0).
 - PROVIDE INTERNALLY LINED SUPPLY AIR DUCTWORK FROM FAN COIL UNITS TO A MINIMUM OF 10-FOOT AWAY FROM THE UNIT.
 - ALL RETURN AIR DUCTWORK SHALL BE INTERNALLY LINED.
 - ALL DUCT LINERS SHALL BE MINIMUM 1-1/2" THICK, COATED TO PREVENT ELEMENTS FROM ENTERING THE AIRSTREAM (COATING SHALL MEET ASHRAE 62 - LATEST EDITION), AND ENVIRONMENTALLY FRIENDLY WITH A MINIMUM R-VALUE OF R-6. LINER SHALL BE BLACK IN COLOR SO IT IS NOT NOTICEABLE FROM THE INSIDE OF REGISTERS AND GRILLES.
 - ALL SQUARE ELBOWS SHALL HAVE AIRFOIL TYPE TURNING VANES.
 - MAXIMUM FLEXIBLE DUCT LENGTH SHALL BE 5'-0". ALL FLEXIBLE DUCT SHALL CONFORM TO THE REQUIREMENTS OF U.L. 181 FOR CLASS 1 FLEXIBLE AIR DUCTS, WITH A MINIMUM R-VALUE OF R-6. SUPPORT FLEXIBLE DUCT TO ELIMINATE KINKING AND SAGGING. (FLEXIBLE DUCT IS NOT PERMITTED IN EXPOSED AREAS, RETURN AIR GRILLE AND EXHAUST AIR GRILLE CONNECTIONS).

PIPING

- ALL PIPING LINES, INCLUDING CONDENSATE DRAINS, SHALL BE FULLY INSULATED WITH MINIMUM 1-1/2" THICK, 0.75 LB DENSITY, INSULATION WITH ALL SERVICE JACKET AND VAPOR BARRIER, FLAME SPREAD RATING OF 25 OR LESS, AND SMOKE-DEVELOPED RATING OF 50 OR LESS.
- CONDENSATE PIPING FROM AIR CONDITIONING EQUIPMENT SHALL BE PITCHED A MINIMUM OF 1/4" PER FOOT, IN THE DIRECTION OF FLOW.
- CONDENSATE DRAIN PIPES SHALL HAVE CLEANOUTS AT EVERY CHANGE IN DIRECTION, DISTANCES GREATER THAN 3 FEET, AND AT THE BEGINNING OF LONG STRAIGHT RUNS.
- HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR THE SIZING OF REFRIGERANT LINES. HVAC EQUIPMENT SUPPLIER SHALL VERIFY REFRIGERANT PIPE LINE SIZES AND CONFIGURATIONS BASED ON CONTRACTOR'S PROPOSED PIPE ROUTING.

CONTROLS

- ALL CONTROL WIRING AND CONDUIT SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (NEC) AND NFPA 70.
- ALL CONTROL WIRING AND POWER CONDUCTOR INSULATION SHALL BE PLENUM RATED.
- ALL EXPOSED CONTROL WIRING SHALL BE INSTALLED IN 3/4" EMT CONDUIT.
- PROVIDE ALL RELAY, CONTACTORS, ETC. REQUIRED TO ACHIEVE INTERLOCK OPERATION OF EQUIPMENT.

BALANCING

- MECHANICAL CONTRACTOR, WHO IS CERTIFIED BY EITHER THE ASSOCIATED AIR BALANCE COUNCIL (AABC) OR NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB), UPON COMPLETION OF THE PROJECT, SHALL PERFORM A COMPLETE TESTING AND BALANCING OF ALL EQUIPMENT, BALANCE SYSTEM TO WITHIN 45% OF AIR QUANTITIES INDICATED ON PLANS AND SCHEDULES AND PROVIDE THE OWNER WITH A COMPLETE, SIGNED AND SEALED BALANCE REPORT.

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THEATER**

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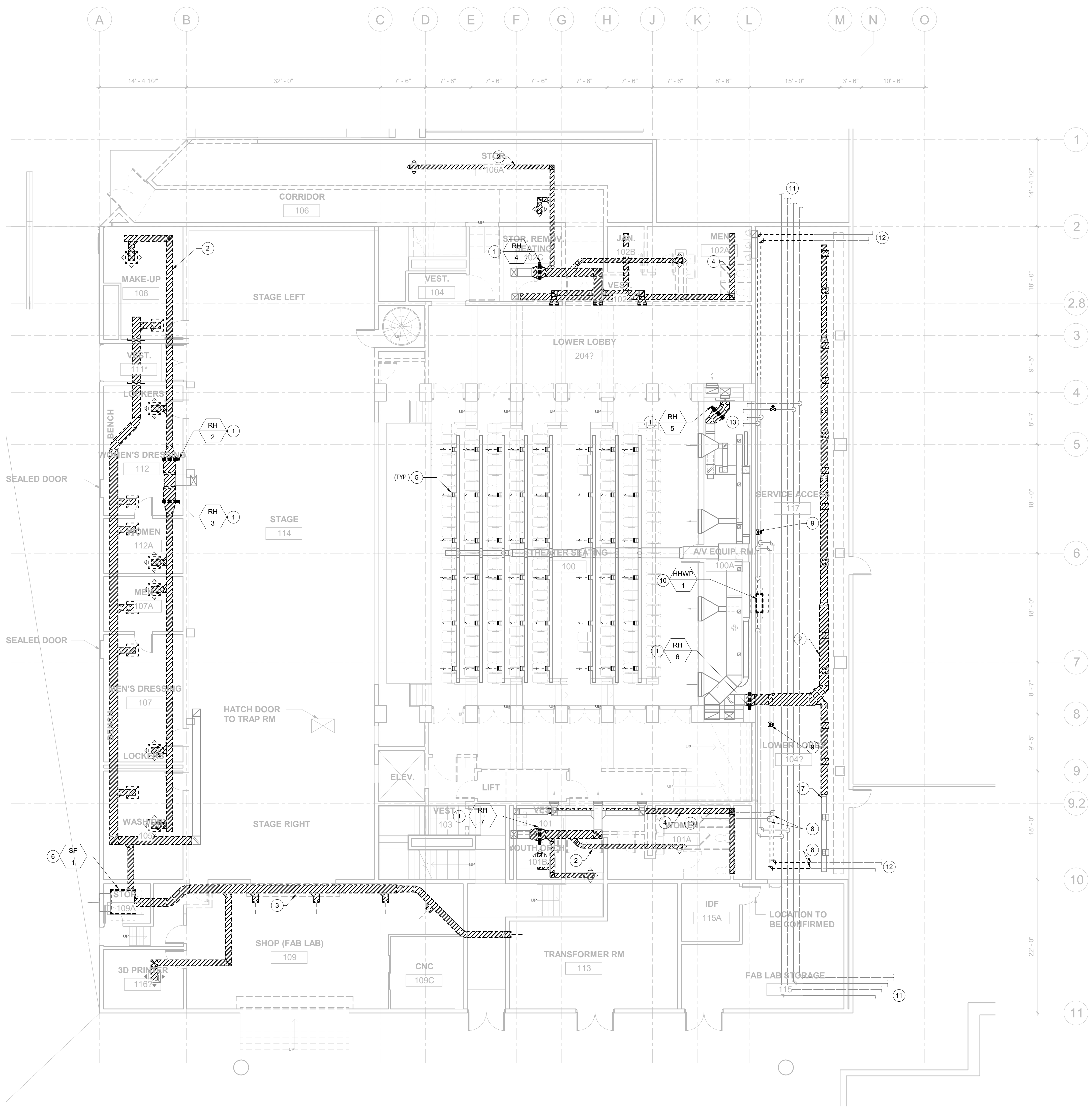
SHEET TITLE:
SCHEDULE

SHEET NUMBER:

M002

HVAC Load Summary

Room Name	Area	Space Type	Lighting Load	Lighting Load per area	Occupancy Load	Peak Cooling Load	Peak Heating Load	Power Load	Power Load per area	Airflow per area	Peak Cooling Load Divided By Area	Area per person	sensible people per sf heat gain	Sensible Heat Gain per person	Cooling Airflow Total
Trap 114A	834 SF	Corridor/Transition	1424 Btu/h	0.50 W/ft²	3488 Btu/h	3,171.6 Btu/h	3,238.4 Btu/h	854 Btu/h	0.30 W/ft²	0.13 CFM/SF	3.80 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	112 CFM
Dimmer Room Services 100C	275 SF	Electrical/Mechanical	1408 Btu/h	1.50 W/ft²	345 Btu/h	1,408 Btu/h	1,083.4 Btu/h	282 Btu/h	0.30 W/ft²	0.25 CFM/SF	5.12 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	68 CFM
Orch Pit 114C	605 SF	Corridor/Transition	1033 Btu/h	0.50 W/ft²	2531 Btu/h	2,491.6 Btu/h	2,235 Btu/h	620 Btu/h	0.30 W/ft²	0.15 CFM/SF	4.12 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	89 CFM
Elev Pit 114B	114 SF	Electrical/Mechanical	581 Btu/h	1.50 W/ft²	142 Btu/h	802.3 Btu/h	400.4 Btu/h	116 Btu/h	0.30 W/ft²	0.30 CFM/SF	7.07 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	34 CFM
Fab Lab Storage 115	485 SF	Inactive Storage	497 Btu/h	0.30 W/ft²	609 Btu/h	4,267.2 Btu/h	9,067.6 Btu/h	497 Btu/h	0.30 W/ft²	0.49 CFM/SF	8.79 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	240 CFM
Extended Lobby 206	2074 SF	Lobby - Performing Arts Theatre	7783 Btu/h	1.10 W/ft²	34559 Btu/h	108,956.2 Btu/h	33,078.7 Btu/h	3821 Btu/h	0.54 W/ft²	2.87 CFM/SF	52.55 Btu/(h·ft²)	15 SF	16.67 Btu/(h·ft²)	250.0 Btu/h	5961 CFM
Restrooms	329 SF	Restrooms	1010 Btu/h	0.90 W/ft²	1375 Btu/h	4,291.9 Btu/h	2,881.4 Btu/h	337 Btu/h	0.30 W/ft²	0.59 CFM/SF	13.05 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	192 CFM
Corridors	859 SF	Corridor/Transition	1465 Btu/h	0.50 W/ft²	3589 Btu/h	8,393.5 Btu/h	3,715.6 Btu/h	879 Btu/h	0.30 W/ft²	0.44 CFM/SF	9.78 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	379 CFM
Theater Seating 100	3089 SF	Audience/Seating Area - Performing Arts Theatre	27408 Btu/h	2.60 W/ft²	96870 Btu/h	156,360.6 Btu/h	14,831.9 Btu/h	5693 Btu/h	0.54 W/ft²	2.76 CFM/SF	50.61 Btu/(h·ft²)	7 SF	31.35 Btu/(h·ft²)	225.0 Btu/h	8529 CFM
Storage/Corridor 101	1586 SF	Inactive Storage	1623 Btu/h	0.30 W/ft²	1989 Btu/h	10,497.5 Btu/h	11,703.7 Btu/h	1623 Btu/h	0.30 W/ft²	0.34 CFM/SF	6.62 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	543 CFM
Main Restroom	765 SF	Restrooms	2349 Btu/h	0.90 W/ft²	3198 Btu/h	11,700.3 Btu/h	2,518.7 Btu/h	783 Btu/h	0.30 W/ft²	0.71 CFM/SF	15.29 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	546 CFM
Storage/Janitor 114N	111 SF	Inactive Storage	113 Btu/h	0.30 W/ft²	139 Btu/h	1,632 Btu/h	2,908.4 Btu/h	113 Btu/h	0.30 W/ft²	0.73 CFM/SF	14.73 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	81 CFM
New Accessible Lobby	473 SF	Lobby - Performing Arts Theatre	1777 Btu/h	1.10 W/ft²	7890 Btu/h	14,799.8 Btu/h	7,126.5 Btu/h	872 Btu/h	0.54 W/ft²	1.71 CFM/SF	31.26 Btu/(h·ft²)	15 SF	16.67 Btu/(h·ft²)	250.0 Btu/h	807 CFM
Stairs 114M	295 SF	Stairway	603 Btu/h	0.60 W/ft²	1232 Btu/h	4,238.9 Btu/h	4,390.6 Btu/h	302 Btu/h	0.30 W/ft²	0.68 CFM/SF	14.38 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	201 CFM
3d Printer 116	145 SF	Workshop - Workshop	942 Btu/h	1.90 W/ft²	1215 Btu/h	3,785 Btu/h	3,150.3 Btu/h	496 Btu/h	1.00 W/ft²	1.25 CFM/SF	26.06 Btu/(h·ft²)	54 SF	4.65 Btu/(h·ft²)	250.0 Btu/h	181 CFM
Storage/Wash-Dry 105	417 SF	Laundry - Washing - Hospital/Healthcare	854 Btu/h	0.60 W/ft²	2907 Btu/h	6,363.1 Btu/h	5,941 Btu/h	427 Btu/h	0.30 W/ft²	0.65 CFM/SF	15.25 Btu/(h·ft²)	108 SF	2.55 Btu/(h·ft²)	275.0 Btu/h	272 CFM
Mens Dressing 107	307 SF	Dressing/Locker/Fitting Room - Performing Arts Theatre	587 Btu/h	0.56 W/ft²	2570 Btu/h	5,485.6 Btu/h	3,602 Btu/h	566 Btu/h	0.54 W/ft²	0.81 CFM/SF	17.85 Btu/(h·ft²)	54 SF	4.65 Btu/(h·ft²)	250.0 Btu/h	249 CFM
Restrooms 112A	267 SF	Restrooms	819 Btu/h	0.90 W/ft²	1115 Btu/h	3,706.7 Btu/h	2,492.4 Btu/h	273 Btu/h	0.30 W/ft²	0.64 CFM/SF	13.90 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	171 CFM
Womens Dressing 112	306 SF	Dressing/Locker/Fitting Room - Performing Arts Theatre	585 Btu/h	0.56 W/ft²	2560 Btu/h	5,455.3 Btu/h	3,547 Btu/h	564 Btu/h	0.54 W/ft²	0.81 CFM/SF	17.82 Btu/(h·ft²)	54 SF	4.65 Btu/(h·ft²)	250.0 Btu/h	248 CFM
Vest 111	97 SF	Corridor/Transition	166 Btu/h	0.50 W/ft²	407 Btu/h	1,324.4 Btu/h	1,262 Btu/h	100 Btu/h	0.30 W/ft²	0.65 CFM/SF	13.59 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	63 CFM
Make-Up 108	269 SF	Dressing/Locker/Fitting Room - Performing Arts Theatre	514 Btu/h	0.56 W/ft²	2250 Btu/h	4,742.5 Btu/h	3,176.7 Btu/h	496 Btu/h	0.54 W/ft²	0.81 CFM/SF	17.63 Btu/(h·ft²)	54 SF	4.65 Btu/(h·ft²)	250.0 Btu/h	217 CFM
Transformer Room 113	509 SF	Electrical/Mechanical	2605 Btu/h	1.50 W/ft²	638 Btu/h	5,217.6 Btu/h	4,941.6 Btu/h	521 Btu/h	0.30 W/ft²	0.53 CFM/SF	10.25 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	268 CFM
CNC 109C	156 SF	Workshop - Workshop	1013 Btu/h	1.90 W/ft²	1306 Btu/h	3,457.6 Btu/h	1,947.4 Btu/h	533 Btu/h	1.00 W/ft²	1.04 CFM/SF	22.13 Btu/(h·ft²)	54 SF	4.65 Btu/(h·ft²)	250.0 Btu/h	162 CFM
Shop (Fab Lab) 109	830 SF	Workshop - Workshop	5379 Btu/h	1.90 W/ft²	6937 Btu/h	17,624.9 Btu/h	6,965.5 Btu/h	2831 Btu/h	1.00 W/ft²	0.99 CFM/SF	21.24 Btu/(h·ft²)	54 SF	4.65 Btu/(h·ft²)	250.0 Btu/h	819 CFM
Production Control 306	174 SF	Library - Audio Visual - Library-Audio Visual	772 Btu/h	1.30 W/ft²	1820 Btu/h	5,572.5 Btu/h	3,351.9 Btu/h	891 Btu/h	1.50 W/ft²	1.49 CFM/SF	32.00 Btu/(h·ft²)	43 SF	5.81 Btu/(h·ft²)	250.0 Btu/h	259 CFM
Above New Lobby	1202 SF	Plenum	0 Btu/h	0.00 W/ft²	0 Btu/h	0 Btu/h	0 Btu/h	0 Btu/h	0.00 W/ft²	0.00 CFM/SF	0.00 Btu/(h·ft²)	0 SF	0.00 Btu/(h·ft²)	0 Btu/h	0 CFM
Corridor 202	769 SF	Corridor/Transition	1312 Btu/h	0.50 W/ft²	3216 Btu/h	7,028.6 Btu/h	7,028.6 Btu/h	787 Btu/h	0.30 W/ft²	0.55 CFM/SF	11.93 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	424 CFM
Upper Level Seating?	955 SF	Audience/Seating Area - Performing Arts Theatre	8472 Btu/h	2.60 W/ft²	29943 Btu/h	50,380.1 Btu/h	5,370.1 Btu/h	1760 Btu/h	0.54 W/ft²	2.88 CFM/SF	52.76 Btu/(h·ft²)	7 SF	31.35 Btu/(h·ft²)	225.0 Btu/h	2747 CFM
Empty?	123 SF	Plenum	0 Btu/h	0.00 W/ft²	0 Btu/h	0 Btu/h	0 Btu/h	0 Btu/h	0.00 W/ft²	0.00 CFM/SF	0.00 Btu/(h·ft²)	0 SF	0.00 Btu/(h·ft²)	0 Btu/h	0 CFM
Upper Lobby 204B	454 SF	Lobby - Performing Arts Theatre	1704 Btu/h	1.10 W/ft²	7568 Btu/h	12,736.6 Btu/h	3,580.7 Btu/h	837 Btu/h	0.54 W/ft²	1.55 CFM/SF	28.05 Btu/(h·ft²)	15 SF	16.67 Btu/(h·ft²)	250.0 Btu/h	705 CFM
Above Stage	3447 SF	Plenum	0 Btu/h	0.00 W/ft²	0 Btu/h	0 Btu/h	0 Btu/h	0 Btu/h	0.00 W/ft²	0.00 CFM/SF	0.00 Btu/(h·ft²)	0 SF	0.00 Btu/(h·ft²)	0 Btu/h	0 CFM
Corridor 203	703 SF	Corridor/Transition	1200 Btu/h	0.50 W/ft²	2941 Btu/h	6,845 Btu/h	5,338 Btu/h	720 Btu/h	0.30 W/ft²	0.44 CFM/SF	9.73 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	311 CFM
TV Studio 306A	523 SF	Library - Audio Visual - Library-Audio Visual	2318 Btu/h	1.30 W/ft²	5462 Btu/h	13,943 Btu/h	6,127.9 Btu/h	2675 Btu/h	1.50 W/ft²	1.23 CFM/SF	26.68 Btu/(h·ft²)	43 SF	5.81 Btu/(h·ft²)	250.0 Btu/h	642 CFM
Corridor 300	552 SF	Corridor/Transition	941 Btu/h	0.50 W/ft²	2307 Btu/h	7,599.9 Btu/h	3,698.3 Btu/h	565 Btu/h	0.30 W/ft²	0.64 CFM/SF	13.77 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	355 CFM
Corridor 312	1011 SF	Corridor/Transition	1725 Btu/h	0.50 W/ft²	4226 Btu/h	10,603.2 Btu/h	7,152 Btu/h	1035 Btu/h	0.30 W/ft²	0.48 CFM/SF	10.49 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	482 CFM
Vocal Booth 304	33 SF	Library - Audio Visual - Library-Audio Visual	144 Btu/h	1.30 W/ft²	340 Btu/h	1,096.9 Btu/h	389.1 Btu/h	166 Btu/h	1.50 W/ft²	1.56 CFM/SF	33.73 Btu/(h·ft²)	43 SF	5.81 Btu/(h·ft²)	250.0 Btu/h	51 CFM
Light Bridge 321	4902 SF	Plenum	0 Btu/h	0.00 W/ft²	0 Btu/h	0 Btu/h	0 Btu/h	0 Btu/h	0.00 W/ft²	0.00 CFM/SF	0.00 Btu/(h·ft²)	0 SF	0.00 Btu/(h·ft²)	0 Btu/h	0 CFM
Theater Control Rm 302	320 SF	Library - Audio Visual - Library-Audio Visual	1421 Btu/h	1.30 W/ft²	3349 Btu/h	8,388.9 Btu/h	2,580 Btu/h	1640 Btu/h	1.50 W/ft²	1.20 CFM/SF	26.18 Btu/(h·ft²)	43 SF	5.81 Btu/(h·ft²)	250.0 Btu/h	384 CFM
IDF 301	34 SF	Electrical/Mechanical	174 Btu/h	1.50 W/ft²	43 Btu/h	931.1 Btu/h	290.8 Btu/h	35 Btu/h	0.30 W/ft²	1.18 CFM/SF	27.38 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	40 CFM
Corridor/Restroom	1112 SF	Corridor/Transition	1897 Btu/h	0.50 W/ft²	4649 Btu/h	10,965 Btu/h	7,588.7 Btu/h	1138 Btu/h	0.30 W/ft²	0.45 CFM/SF	9.86 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	498 CFM
Empty/Corridor	295 SF	Corridor/Transition	504 Btu/h	0.50 W/ft²	1234 Btu/h	3,991.6 Btu/h	3,588.5 Btu/h	302 Btu/h	0.30 W/ft²	0.65 CFM/SF	13.52 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	191 CFM
Storage/Media 307	535 SF	Active Storage	1460 Btu/h	0.80 W/ft²	671 Btu/h	4,829.3 Btu/h	5,628.7 Btu/h	547 Btu/h	0.30 W/ft²	0.47 CFM/SF	9.03 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	251 CFM
Prop Storage 314	834 SF	Inactive Storage	853 Btu/h	0.30 W/ft²	1046 Btu/h	8,364.1 Btu/h	10,948.1 Btu/h	853 Btu/h	0.30 W/ft²	0.52 CFM/SF	10.03 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	431 CFM
Media Classroom 319	850 SF	Classroom/Lecture/Training	4062 Btu/h	1.40 W/ft²	23106 Btu/h	34,970.2 Btu/h	9,030.5 Btu/h	2901 Btu/h	1.00 W/ft²	1.76 CFM/SF	41.13 Btu/(h·ft²)	17 SF	15.10 Btu/(h·ft²)	250.0 Btu/h	1495 CFM
Gridiron 430	834 SF	Library - Audio Visual - Library-Audio Visual	3698 Btu/h	1.30 W/ft²	8713 Btu/h	21,473.1 Btu/h	11,582.1 Btu/h	4267 Btu/h	1.50 W/ft²	1.19 CFM/SF	25.76 Btu/(h·ft²)	43 SF	5.81 Btu/(h·ft²)	250.0 Btu/h	992 CFM
Corridor 401	2593 SF	Corridor/Transition	4424 Btu/h	0.50 W/ft²	10841 Btu/h	26,563.3 Btu/h	25,567.7 Btu/h	2654 Btu/h	0.30 W/ft²	0.47 CFM/SF	10.24 Btu/(h·ft²)	108 SF	2.32 Btu/(h·ft²)	250.0 Btu/h	1228 CFM
Open to Below	532 SF	Plenum	0 Btu/h	0.00 W/ft²	0 Btu/h	0 Btu/h	0 Btu/h	0 Btu/h	0.00 W/ft²	0.00 CFM/SF	0.00 Btu/(h·ft²)	0 SF	0.00 Btu/(h·ft²)	0 Btu/h	0 CFM
Machine Room 416	174 SF	Electrical/Mechanical	891 Btu/h	1.50 W/ft²	218 Btu/h	2,952.8 Btu/h	3,732.2 Btu/h	178 Btu/h	0.30 W/ft²	0.87 CFM/SF	16.96 Btu/(h·ft²)	359 SF	0.70 Btu/(h·ft²)	250.0 Btu/h	151 CFM
Cage Room 423	850 SF	Library - Audio Visual - Library-Audio Visual	3772 Btu/h	1.30 W/ft²	8887 Btu/h	21,547.7 Btu/h	11,744.9 Btu/h	4352 Btu/h	1.50 W/ft²	1.19 CFM/SF	25.34 Btu/(h·ft²)	43 SF	5.81 Btu/(h·ft²)	250.0 Btu/h	1008 CFM
Empty	1754 SF	Plenum	0 Btu/h	0.00 W/ft²	0 Btu/h	0 Btu/h	0 Btu/h	0 Btu/h	0.00 W/ft²	0.00 CFM/SF	0.00 Btu/(h·ft²)	0 SF	0.00 Btu/(h·ft²)	0 Btu/h	0 CFM
Media Control Room 413	260 SF	Library - Audio Visual - Library-Audio Visual	1153 Btu/h	1.30 W/ft²	2717 Btu/h	7,145.9 Btu/h	5,156.4 Btu/h	1331 Btu/h	1.50 W/ft²	1.28 CFM/SF	27.48 Btu/(h·ft²)	43 SF	5.81 Btu/(h·ft²)	250.0 Btu/h	333 CFM
Media Recording 415	502 SF	Library - Audio Visual - Library-Audio Visual	2225 Btu/h	1.30 W/ft²	5241 Btu/h	11,884.2 Btu/h									



1 MECHANICAL DEMOLITION LEVEL - STAGE
1/8" = 1'-0"

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.



PROJECT:
LANEY COLLEGE THEATER

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
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1553 MARTIN LUTHER KING JR. WAY
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LOW VOLTAGE:
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180 GRAND STREET, SUITE 950
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TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
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TEL: (415) 546-6033

SHEET NOTES

1. DEMO ALL EXISTING DUCT MOUNTED HEATING COILS. REPLACE WITH NEW VAV BOXES WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER. REFER TO NEW WORK PLANS AND NARRATIVE FOR MORE INFORMATION.
2. DEMO EXISTING SUPPLY DUCTWORK, AS INDICATED.
3. DEMO EXISTING SUPPLY DUCTWORK TO FABRICATION LAB.
4. DEMO EXISTING EXHAUST/RETURN DUCTWORK AS INDICATED.
5. DEMO EXISTING RETURN AIR GRILLS BELOW SEATING, TO BE REPLACED.
6. DEMO EXISTING SUPPLY FAN SERVING EXISTING FABRICATION LAB. EXISTING TO REMAIN.
7. DEMO BRANCH PIPING SERVING LOCKER ROOM. PROVIDE NEW, DEDICATED LOCKER ROOM HEATING HOT WATER PUMP. ROUTE HEATING HOT WATER FROM CAMPUS PROCESS HEATING HOT WATER PIPING, TO NEW PUMP, TO EXISTING LOCKER ROOM BRANCH PIPING. PROVIDE FLOW METER. REFER TO NEW WORK DRAWINGS, 4" FLOW METERS.
8. DEMO EXISTING FLOW METER. PROVIDE NEW LIBRARY CHILLED WATER AND HEATING HOT WATER FLOW METER. PROVIDE NEW LOCKER ROOM CHILLED AND HOT WATER FLOW METERS. REFER TO NEW WORK PLANS, 3" FLOW METERS.
9. DEMO EXISTING HEATING HOT WATER DISTRIBUTION PUMP. PROVIDE TWO NEW PUMPS, DEDICATE ONE PUMP TO THE LIBRARY HEATING HOT WATER LOOP, AND DEDICATE ONE PUMP TO THE LOCKER ROOM HEATING HOT WATER LOOP. REVISE NEAR PUMP TO SEPARATE THE LIBRARY HEATING HOT WATER LOOP FROM THE LOCKER ROOM HEATING HOT WATER LOOP.
10. CAMPUS PROCESS CHILLED WATER SUPPLY (PCHWS), PROCESS CHILLED WATER RETURN (PCHWR), PROCESS HEATING HOW WATER SUPPLY (PHHWS), PROCESS HEATING HOT WATER RETURN (PHHWR), TO/FROM CAMPUS LOOP.
11. HEATING HOT WATER SUPPLY AND RETURN TO/FROM LOCKER ROOM SPACE.
12. CHILLED WATER SUPPLY (CHWS), CHILLED WATER RETURN (CHWR), HEATING HOT WATER SUPPLY (HHWS), HEATING HOT WATER RETURN (HHWR).

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020



SHEET TITLE:
MECHANICAL DEMOLITION PLAN - STAGE

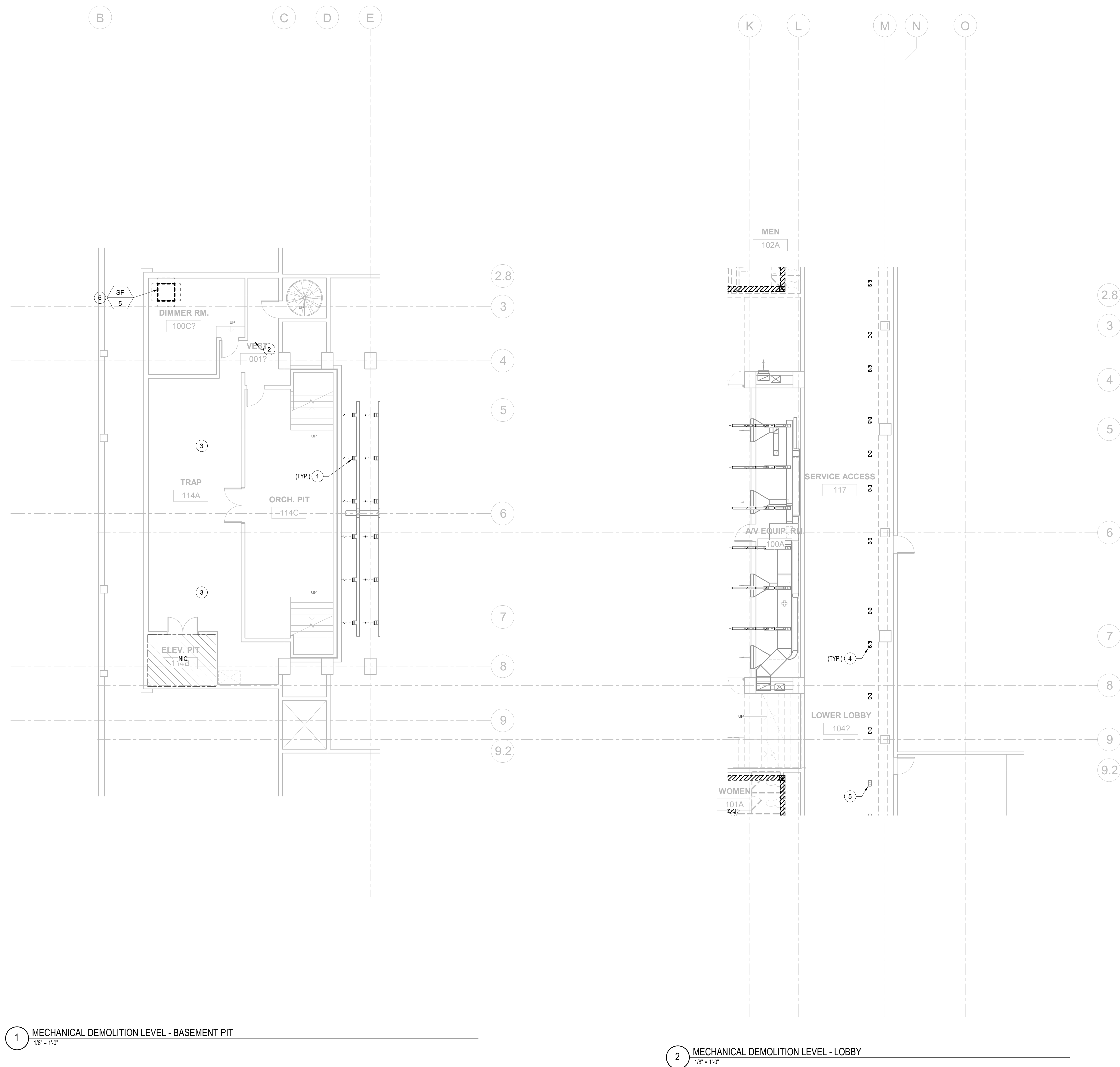
SHEET NUMBER:
M101

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

- 1. DEMO EXISTING RETURN AIR GRILLS BELOW SEATING. TO BE REPLACED.
- 2. DEMO ALL EXISTING DUCT MOUNTED HEATING COILS. REPLACE WITH NEW VAV BOXES WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER. REFER TO NEW WORK PLANS AND NARRATIVE FOR MORE INFORMATION.
- 3. DEMO EXISTING SUPPLY AND EXHAUST DUCTWORK IN THIS AREA.
- 4. DEMO EXISTING FLOOR SUPPLY GRILLE, AS INDICATED. TO BE RELOCATED. REFER TO NEW WORK PLANS.
- 5. EXISTING TO REMAIN
- 6. DEMO AND REPLACE EXISTING FAN.



1 MECHANICAL DEMOLITION LEVEL - BASEMENT PIT
1/8" = 1'-0"

2 MECHANICAL DEMOLITION LEVEL - LOBBY
1/8" = 1'-0"

REVISION		
NUMBER	DATE	DESCRIPTION

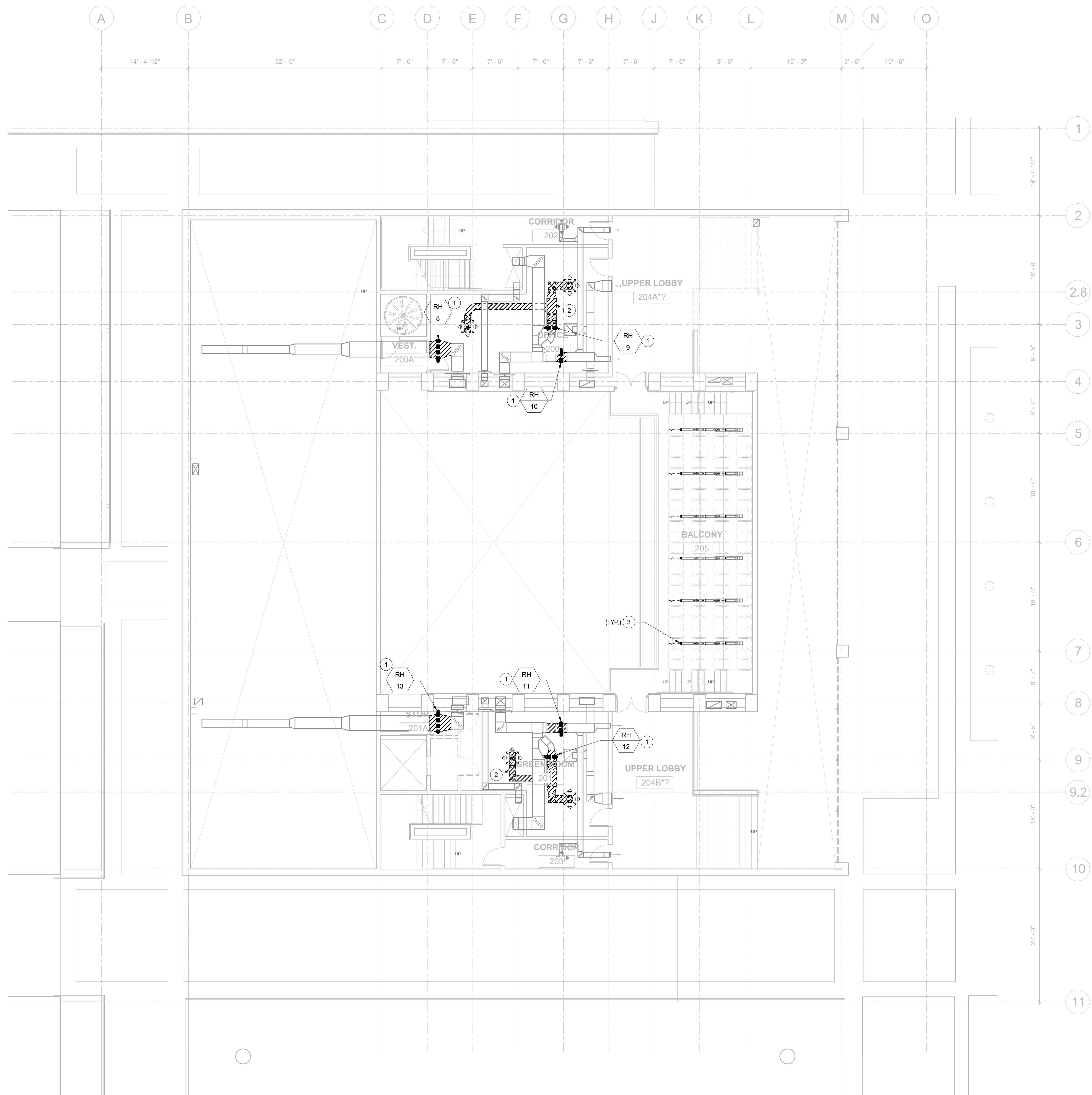
ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

STAMP:
**NOT FOR
CONSTRUCTION**

SHEET TITLE:
**MECHANICAL
DEMOLITION PLAN
- BASEMENT AND
LOBBY LEVEL**

SHEET NUMBER:
M102



1 MECHANICAL DEMOLITION LEVEL - 2
1/8" = 1'-0"

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

1. DEMO ALL EXISTING DUCT MOUNTED HEATING COILS. REPLACE WITH NEW VAV BOXES WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER. REFER TO NEW WORK PLANS AND NARRATIVE FOR MORE INFORMATION.
2. DEMO EXISTING SUPPLY DUCTWORK, AS INDICATED.
3. DEMO EXISTING RETURN AIR GRILLS BELOW SEATING, TO BE REPLACED.



PROJECT:
LANEY COLLEGE THEATER

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
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STRUCTURAL ENGINEER:
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ELECTRICAL & FIRE ALARM ENGINEER:
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FIRE AND LIFE SAFETY CONSULTANT:
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ACOUSTICS:
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LOW VOLTAGE:
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TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
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REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
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DATE:
AUGUST 3, 2020



SHEET TITLE:
MECHANICAL DEMOLITION PLAN - LEVEL 2

SHEET NUMBER:
M103

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

STAMP:
**NOT FOR
CONSTRUCTION**

SHEET TITLE:
**MECHANICAL
DEMOLITION PLAN
- LEVEL 3**

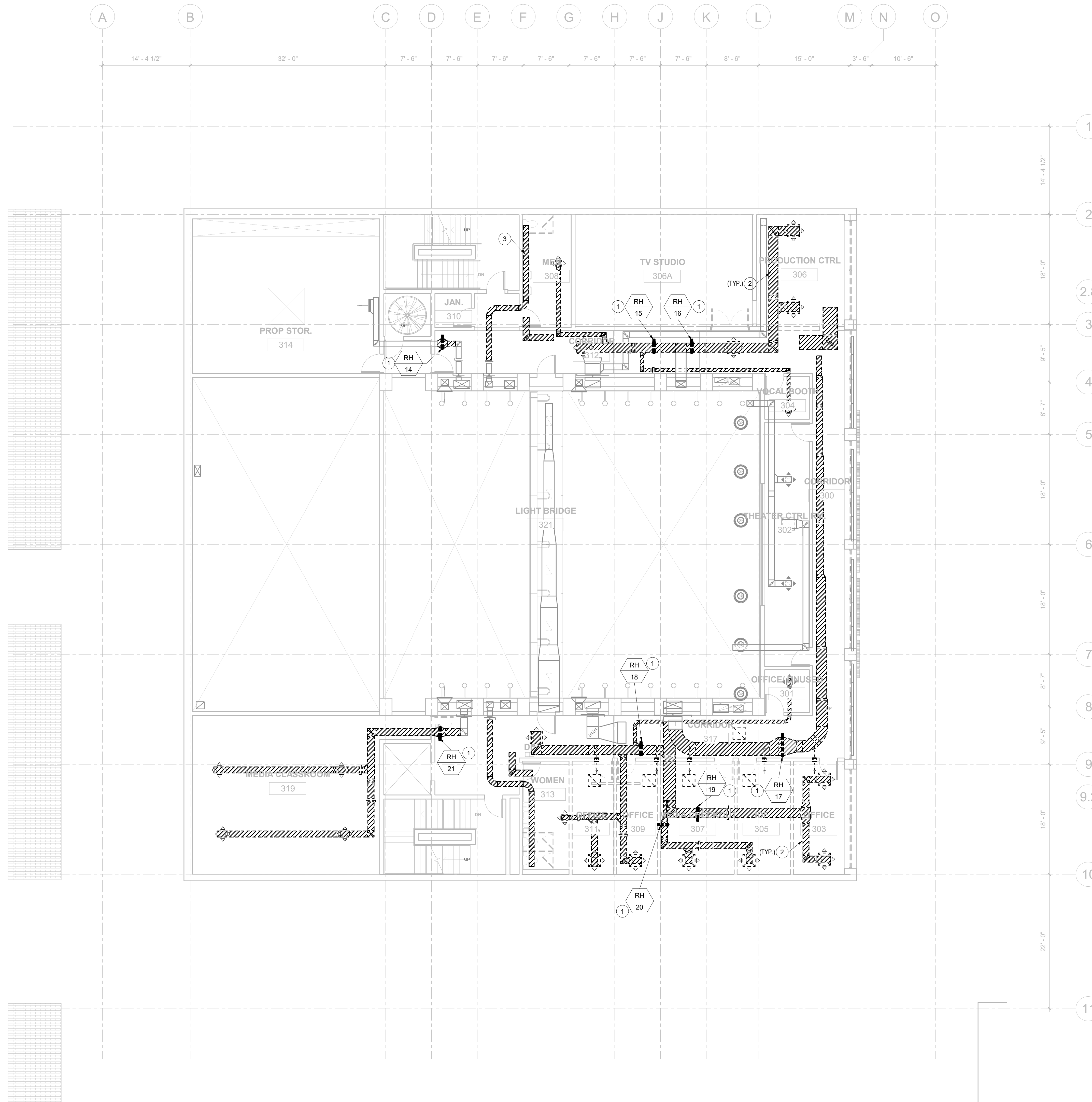
SHEET NUMBER:
M104

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

- 1. DEMO ALL EXISTING DUCT MOUNTED HEATING COILS. REPLACE WITH NEW VAV BOXES WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER. REFER TO NEW WORK PLANS AND NARRATIVE FOR MORE INFORMATION.
- 2. DEMO EXISTING SUPPLY DUCTWORK, AS INDICATED.
- 3. DEMO EXISTING EXHAUST/RETURN DUCTWORK AS INDICATED.

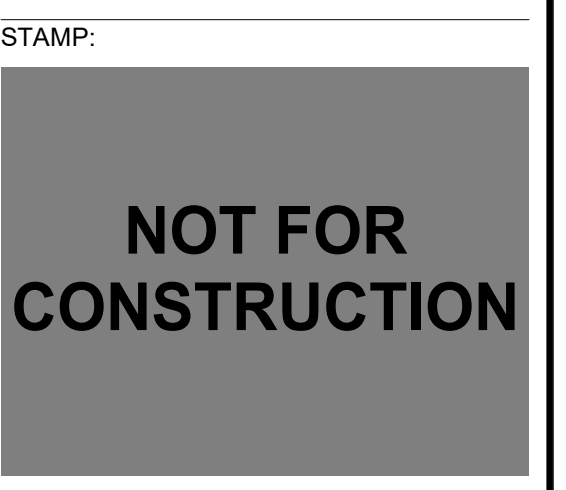


1 MECHANICAL DEMOLITION LEVEL - 3
1/8" = 1'-0"

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020



SHEET TITLE:
**MECHANICAL
DEMOLITION PLAN
- LEVEL 4**

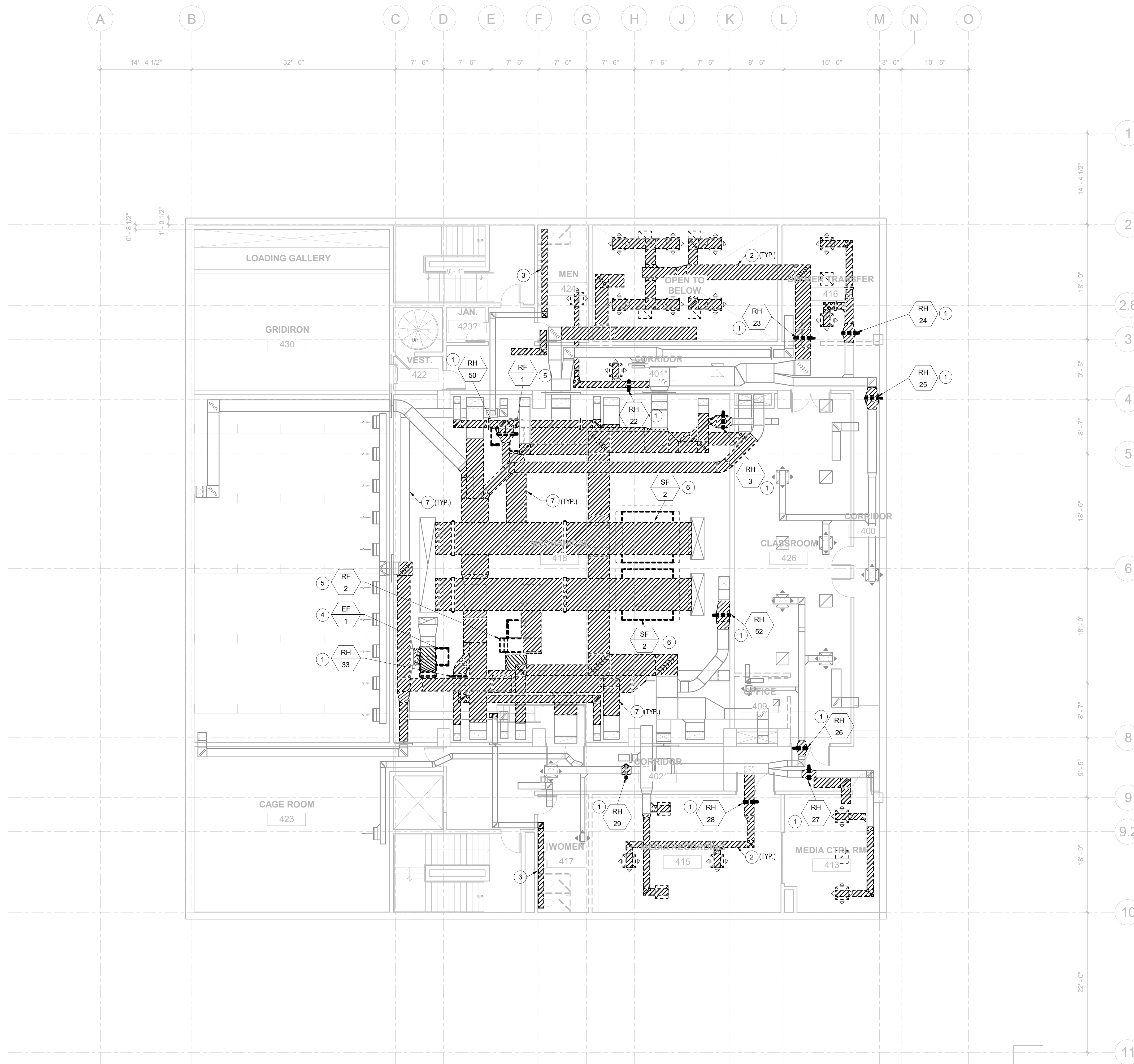
SHEET NUMBER:
M105

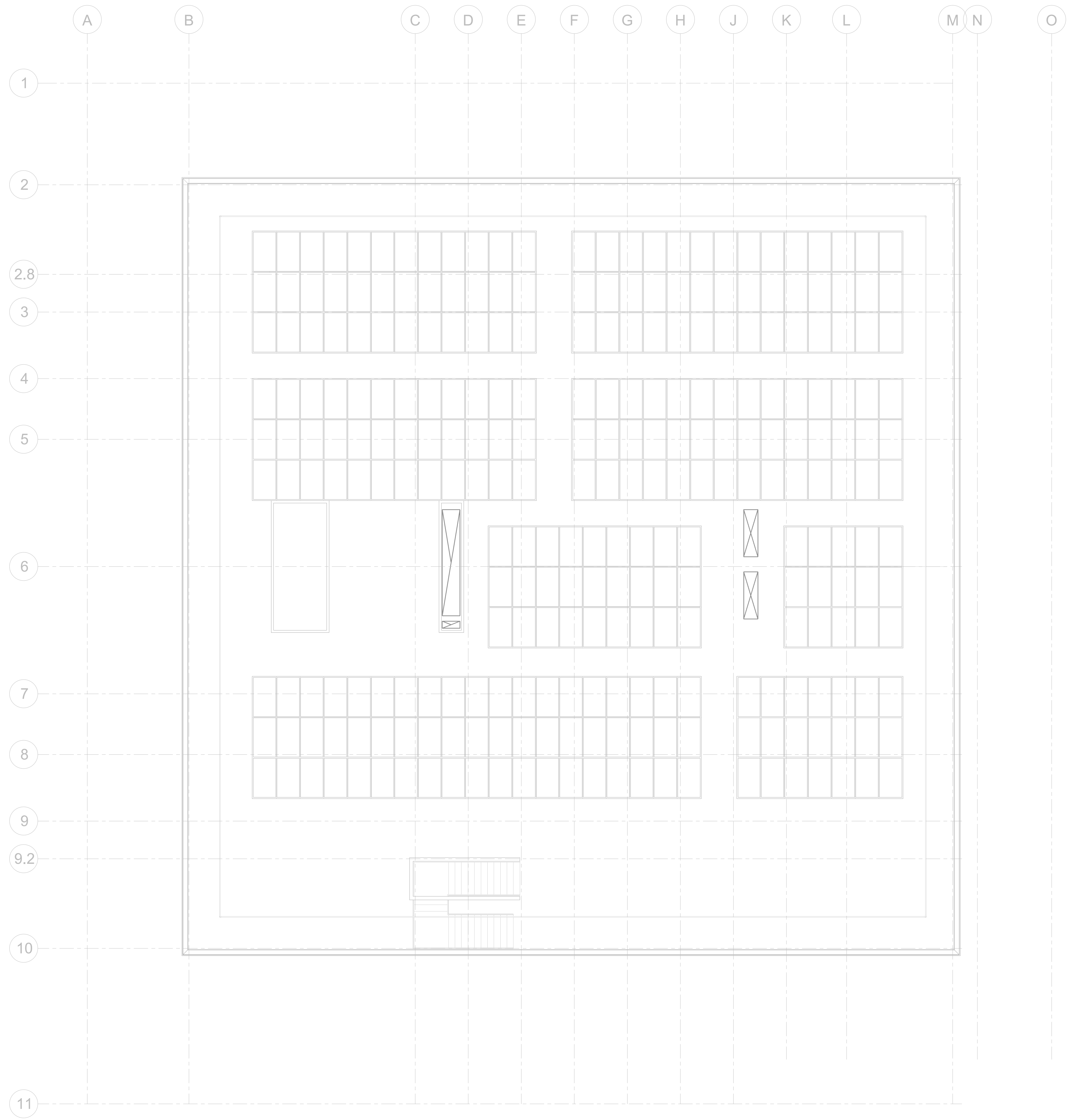
GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

- 1. DEMO ALL EXISTING DUCT MOUNTED HEATING COILS. REPLACE WITH NEW VAV BOXES WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER. REFER TO NEW WORK PLANS AND NARRATIVE FOR MORE INFORMATION.
- 2. DEMO EXISTING SUPPLY DUCTWORK AS INDICATED.
- 3. DEMO EXISTING EXHAUST/RETURN DUCTWORK AS INDICATED.
- 4. DEMO EXISTING GENERAL EXHAUST FAN. PROVIDE NEW EXHAUST FAN.
- 5. DEMO EXISTING GENERAL RELIEF FAN. DEMO ASSOCIATED DUCTWORK AS INDICATED. PROVIDE NEW DUCTWORK TO NEW AHU. REFER TO NEW WORK PLAN.
- 6. DEMO EXISTING SUPPLY FAN. DEMO ASSOCIATED DUCTWORK AS INDICATED. PROVIDE NEW DUCTWORK TO NEW AHU. REFER TO NEW WORK PLAN.
- 7. DEMO DUCTING AS INDICATED.



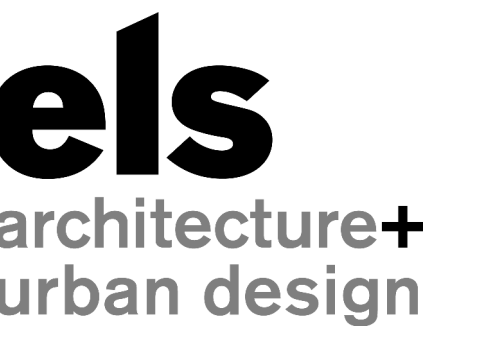


1 MECHANICAL DEMOLITION LEVEL - ROOF
1/8" = 1'-0"

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES



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LANEY COLLEGE THEATER

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

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TEL: (415) 546-6033

REVISION		
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AUGUST 3, 2020

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SHEET TITLE:
MECHANICAL DEMOLITION ROOF PLAN

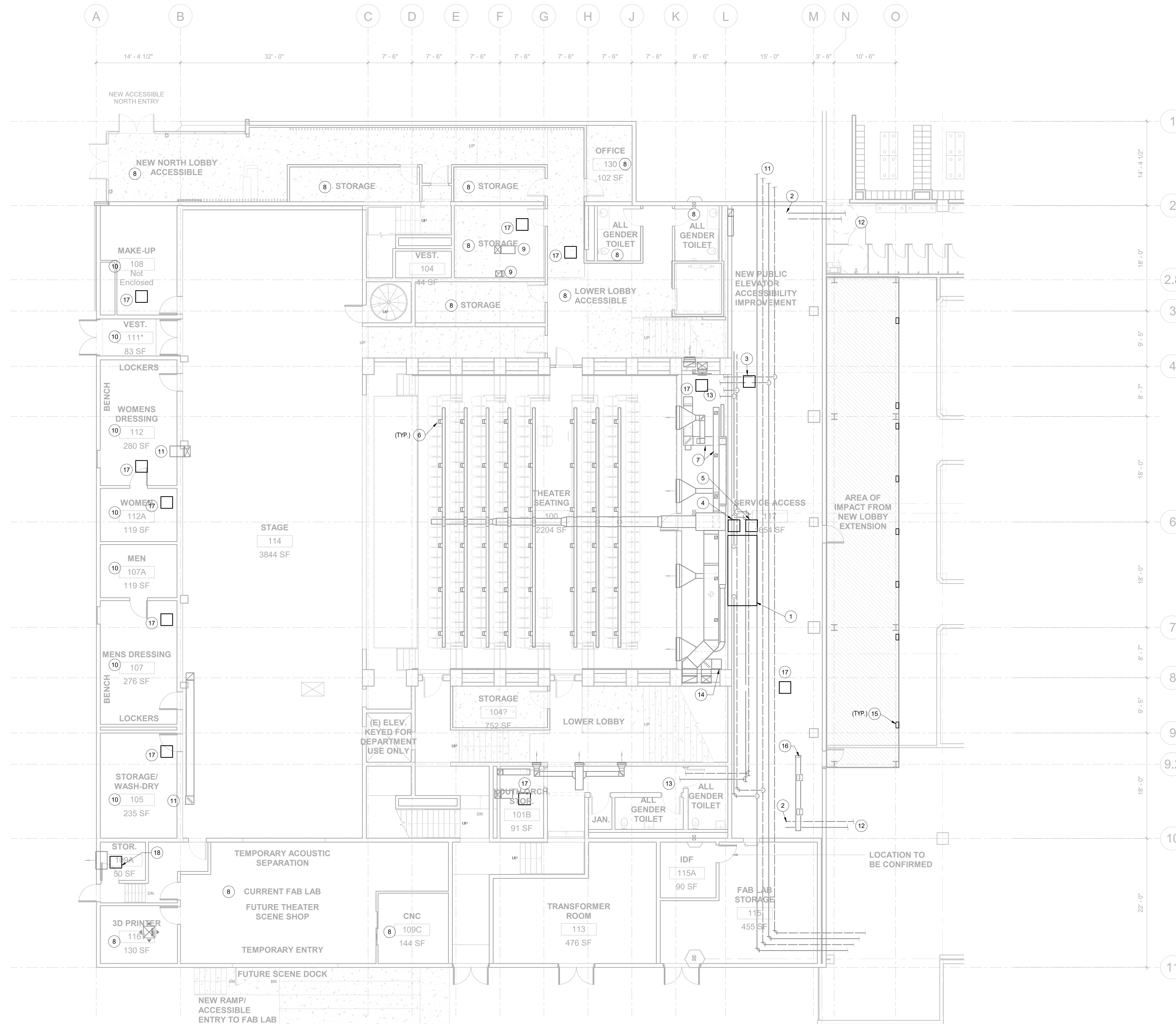
SHEET NUMBER:
M106

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

1. PROVIDE TWO NEW HEATING HOT WATER PUMPS. EACH PUMP SIZED TO PROVIDE 60% DESIGN FLOW. RECONFIGURE PIPING AS NECESSARY TO CREATE A SEPARATE, DEDICATED, HEATING WATER LOOPS FOR THE THEATER BUILDING AND THE LOCKER ROOM SPACE.
2. HEATING HOT WATER TO LOCKER ROOM SPACE. PROVIDE NEW PIPING FROM EXISTING POINT OF CONNECTION. CHANGE OVER TO NEW LINE TO BE COMPLETED UNDER DIFFERENT CONTRACT.
3. PROVIDE NEW CHILLED WATER FLOW METER. METER SHALL MONITOR THE THEATER BUILDING'S CHILLED WATER DEMAND. METER SHALL REPORT TO THE CAMPUS BMS SYSTEM.
4. PROVIDE NEW HEATING HOT WATER FLOW METER. METER SHALL MONITOR THE THEATER BUILDING'S HEATING HOT WATER DEMAND. METER SHALL REPORT TO THE CAMPUS BMS SYSTEM.
5. PROVIDE SPACE FOR NEW HEATING HOT WATER FLOW METER. METER SHALL MONITOR THE LOCKER ROOM BUILDING'S HEATING HOT WATER DEMAND. METER SHALL REPORT TO THE CAMPUS BMS SYSTEM.
6. PROVIDE NEW DISPLACEMENT DIFFUSER BELOW SEATS. UTILIZE EXISTING OPENINGS. REFER TO DEMO PLANS.
7. RECONFIGURE DUCTWORK IN THIS AREA. REVISE SUPPLY AND RETURN DUCT ROUTING. REVISE DUCTWORK SUCH THAT AIR IS SUPPLIED BELOW THE SEATS, AND RETURN THROUGH EXISTING WALL DIFFUSER. PRE RENOVATION, AIR WAS RETURNED BELOW THE SEATS AND SUPPLIED THROUGH EXISTING WALL DIFFUSERS. DEMO AND REPLACE DUCTWORK AS REQUIRED TO SWITCH SUPPLY/EXHAUST AIR STREAMS WITHIN EXISTING DUCTWORK.
8. CONDITION AND VENTILATE ZONE WITH NEW SUPPLY AND RETURN DUCTWORK. TO NEW DIFFUSERS/GRILLES. PROVIDE WITH NEW VAV BOXES WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER.
9. ROUTE FROM EXISTING SUPPLY AND RETURN MAINS TO NEW DIFFUSER/GRILLES.
10. CONDITION AND VENTILATE ZONE WITH NEW SUPPLY AND RETURN DUCTWORK. TO NEW DIFFUSERS/GRILLES. PROVIDE WITH NEW VAV BOXES WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER.
11. ROUTE FROM EXISTING SUPPLY AND RETURN MAINS TO NEW DIFFUSER/GRILLES.
12. HEATING HOT WATER SUPPLY AND RETURN TO/FROM LOCKER ROOM SPACE.
13. CHILLED WATER SUPPLY (CHWS), CHILLED WATER RETURN (CHWR), HEATING HOT WATER SUPPLY (HHWS), HEATING HOT WATER RETURN (HHWR).
14. EXISTING SUPPLY AIR RISER. ROUTE FROM EXISTING RISER TO NEW AND EXISTING LOBBY FLOOR SUPPLY GRILLES.
15. NEW LOBBY FLOOR SUPPLY GRILLE.
16. EXISTING LOBBY FLOOR SUPPLY GRILLE.
17. PROVIDE NEW VAV BOX, WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER.
18. PROVIDE NEW THEATER SCENE SHOP CABINET FAN COIL UNIT. UTILIZE EXISTING SUPPLY FAN AND INTAKE LOUVER LOCATION.



1 MECHANICAL LEVEL - STAGE
1/8" = 1'-0"

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

STAMP:
**NOT FOR
CONSTRUCTION**

SHEET TITLE:
**MECHANICAL PLAN
- STAGE**

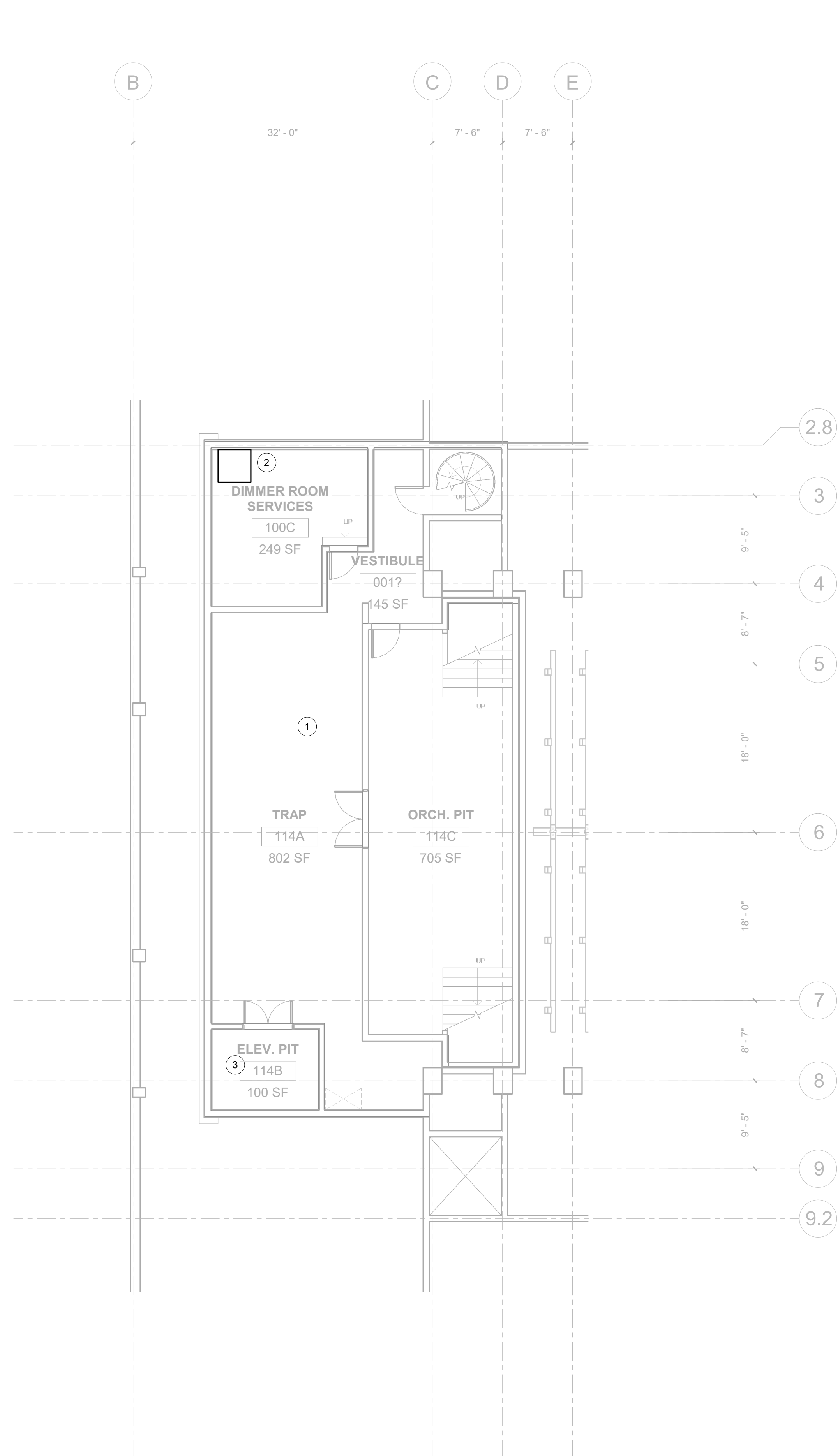
SHEET NUMBER:
M201

GENERAL NOTES

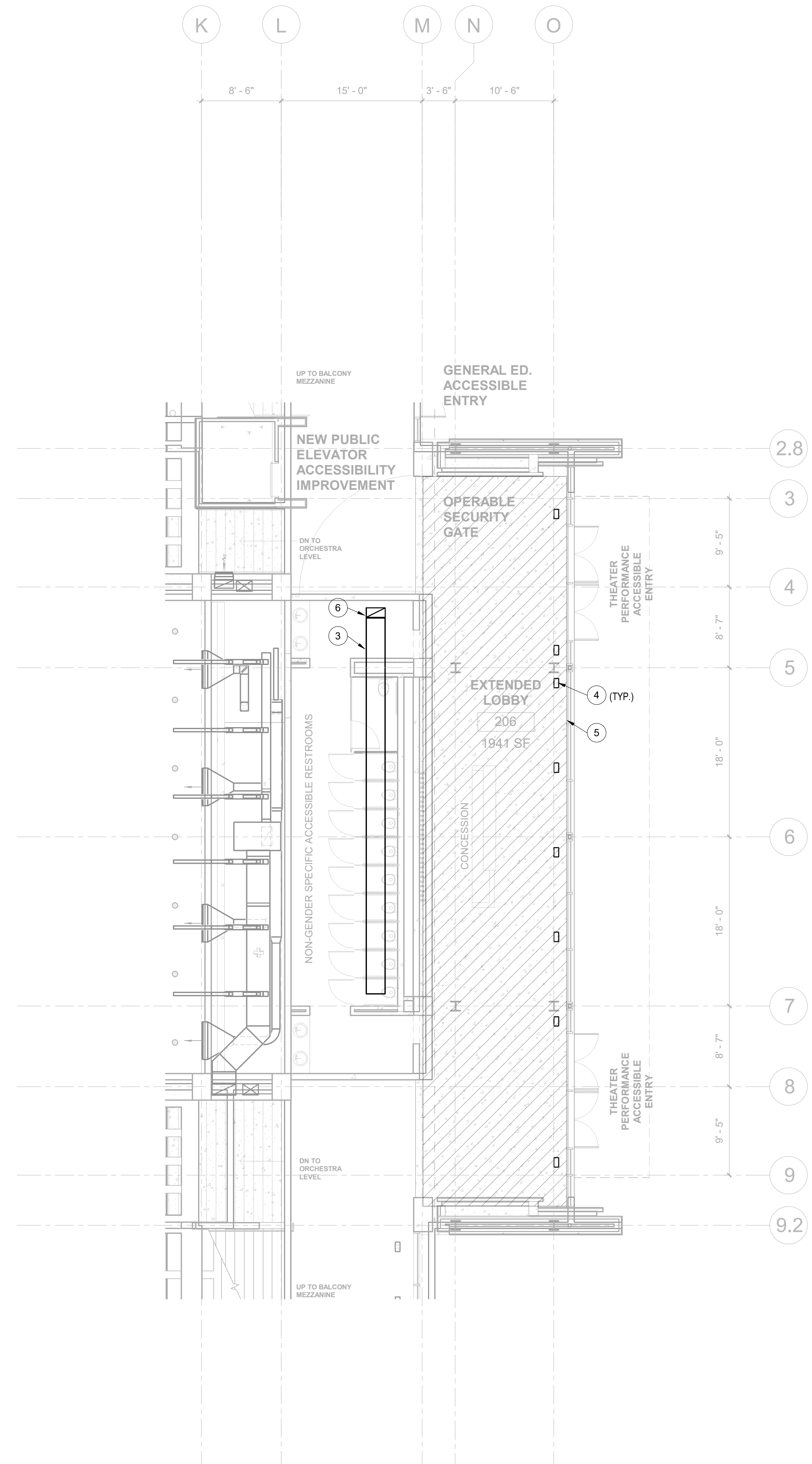
- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

- 1. PROVIDE NEW SUPPLY AND RETURN DUCTWORK IN THIS AREA. ROUTE DUCTWORK TIGHT TO CEILING. CONNECT TO EXISTING MAINS SERVINGS THIS AREA.
- 2. PROVIDE NEW EXHAUST FAN. EXHAUST AIR FROM RESTROOM. PROVIDE EXHAUST GRILLE WITHIN EACH ENCLOSED TOILET ROOM.
- 3. NEW FLOOR SUPPLY GRILLES. SUPPLIED AIR FROM EXISTING DUCTWORK BELOW LEVEL. REFER TO STAGE SHEETS.
- 4. RADIANT SLAB. PROVIDE 5/8" ID PEX TUBING, INSTALLED AT 9" OCC. INSTALL TUBING WITHIN UPPER MOST SLAB. ENSURE MINIMUM 1.5" OF CONCRETE COVER OVER TUBING. ENSURE A MAXIMUM OF 3' OF EXHAUST RISER TO LEVEL 4 MECHANICAL ROOM. ROUTING TO BE COORDINATED.



1 MECHANICAL LEVEL - 0 BASE
1/8" = 1'-0"



2 MECHANICAL LEVEL - LOBBY LEVEL
1/8" = 1'-0"

REVISION		
NUMBER	DATE	DESCRIPTION

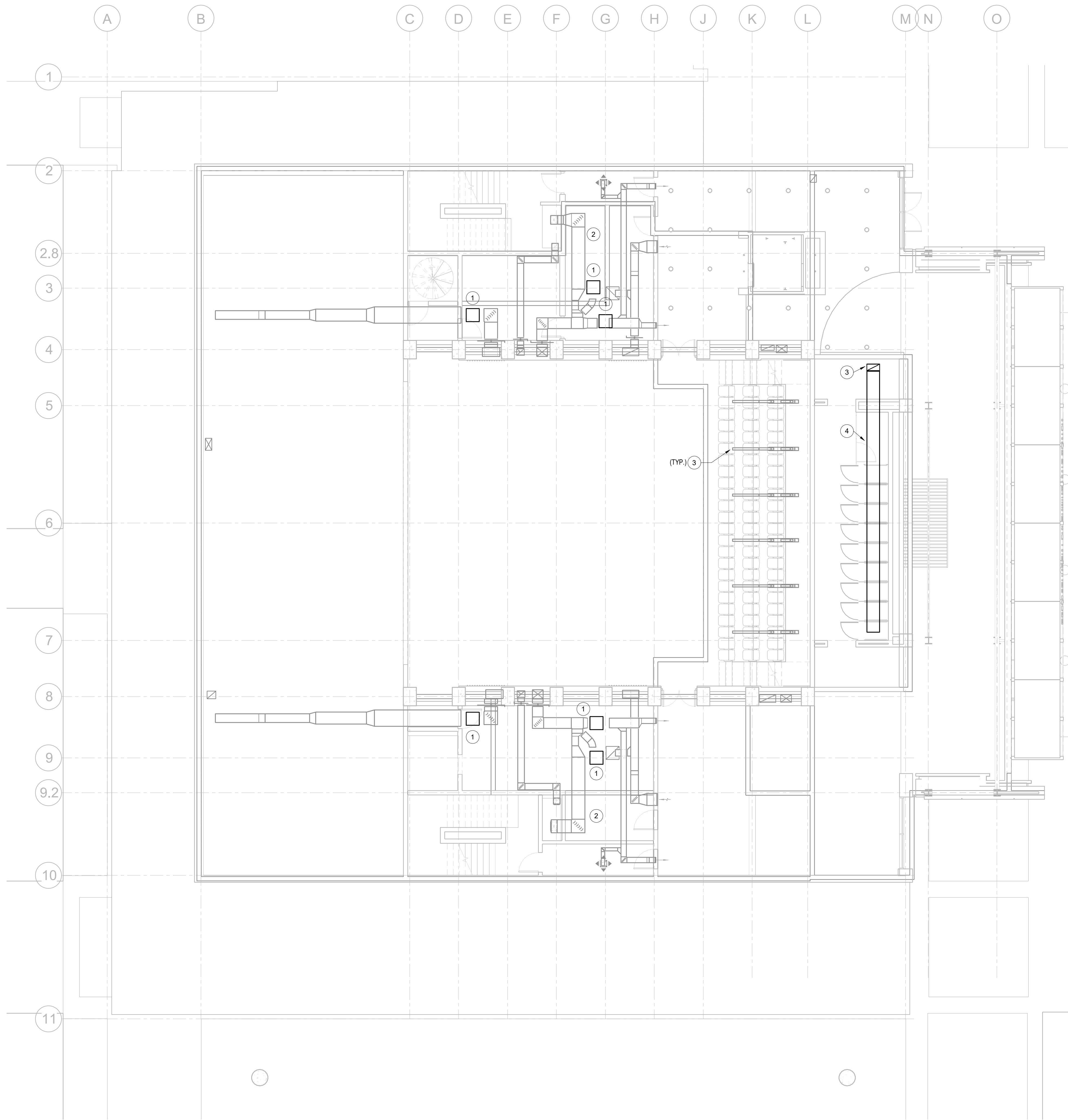
ISSUE:
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DATE:
AUGUST 3, 2020

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SHEET TITLE:
**MECHANICAL PLAN
- BASEMENT AND
LOBBY LEVEL**

SHEET NUMBER:
M202



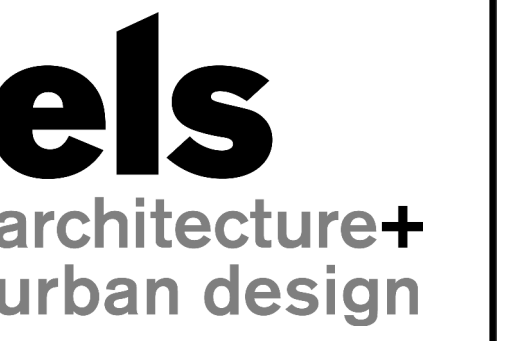
1 MECHANICAL LEVEL - 2
1/8" = 1'-0"

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

1. PROVIDE NEW VAV BOX, WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER.
2. CONDITION AND VENTILATE ZONE WITH NEW SUPPLY AND RETURN DUCTWORK TO NEW DIFFUSERS/GRILLES ROUTE FROM EXISTING SUPPLY AND RETURN MAINS TO NEW DIFFUSER/GRILLES.
3. NEW FLOOR SUPPLY GRILLES. SUPPLIED AIR FROM EXISTING DUCTWORK BELOW LEVEL. REFER TO STAGE SHEETS.
4. EXHAUST RISER TO LEVEL 4 MECHANICAL ROOM. ROUTING TO BE COORDINATED.



PROJECT:
**LANEY COLLEGE
THEATER**

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
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GUIDEPOST SOLUTIONS
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TEL: (510) 288-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
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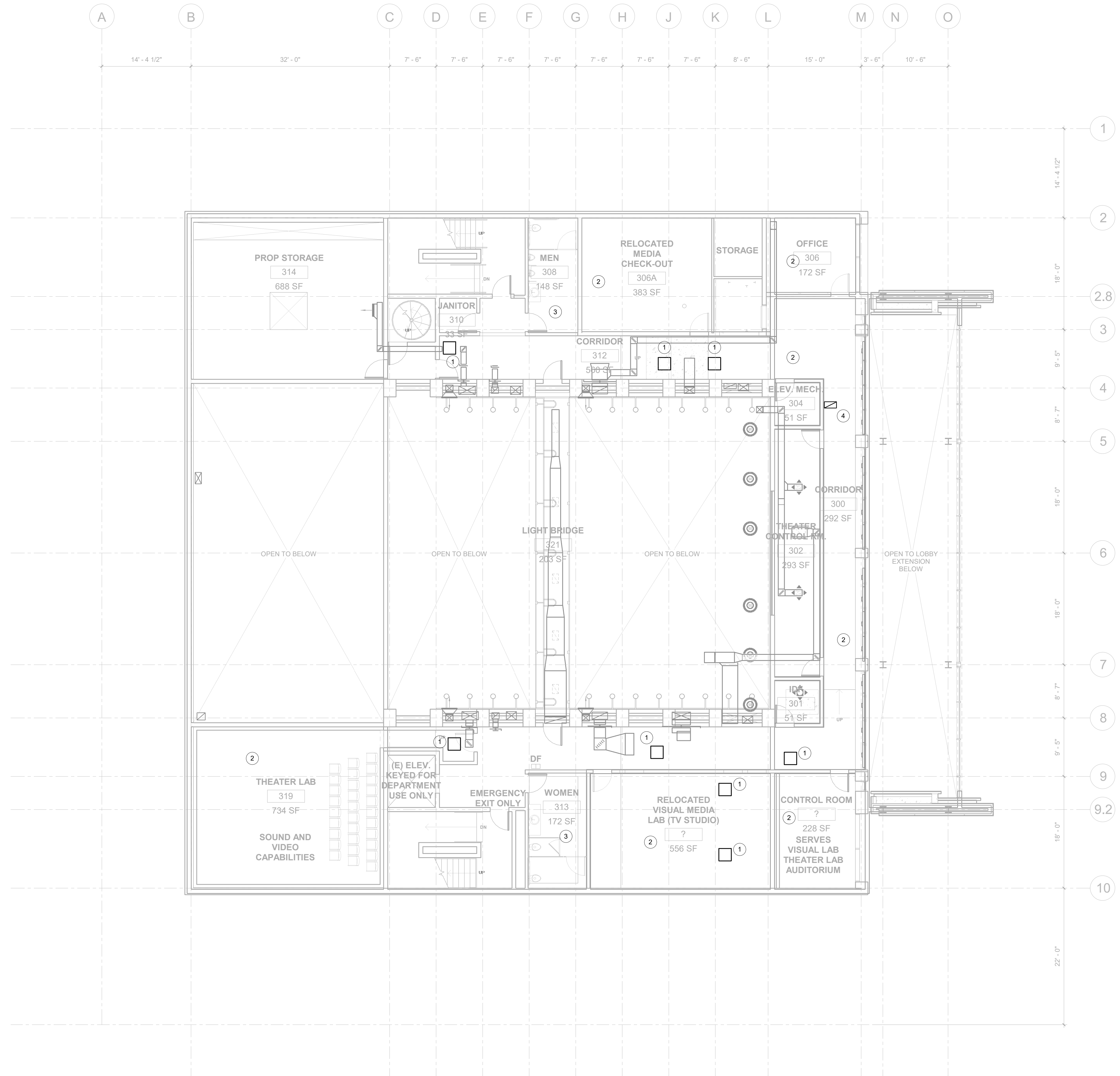
ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020



SHEET TITLE:
**MECHANICAL PLAN
- LEVEL 2**

SHEET NUMBER:
M203



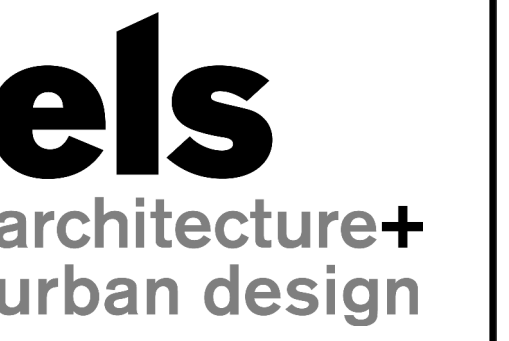
1 MECHANICAL LEVEL - 3
1/8" = 1'-0"

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

- 1. PROVIDE NEW VAV BOX, WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER.
- 2. CONDITION AND VENTILATE ZONE WITH NEW SUPPLY AND RETURN DUCTWORK TO NEW DIFFUSERS/GRILLES ROUTE FROM EXISTING SUPPLY AND RETURN MAINS TO NEW DIFFUSER/GRILLES.
- 3. EXHAUST RESTROOM WITH NEW EXHAUST DUCTWORK AND EXHAUST GRILLES. ROUTE FROM EXISTING EXHAUST MAIN TO NEW GRILLE EXHAUST RISER TO LEVEL 4 MECHANICAL ROOM. ROUTING TO BE COORDINATED.



PROJECT:
LANEY COLLEGE THEATER

PROJECT NUMBER:
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REVISION		
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ISSUE:
100% SCHEMATIC DESIGN

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AUGUST 3, 2020



SHEET TITLE:
MECHANICAL PLAN - LEVEL 3

SHEET NUMBER:
M204

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN

DATE:
AUGUST 3, 2020

STAMP:
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CONSTRUCTION**

SHEET TITLE:
**MECHANICAL PLAN
- LEVEL 4**

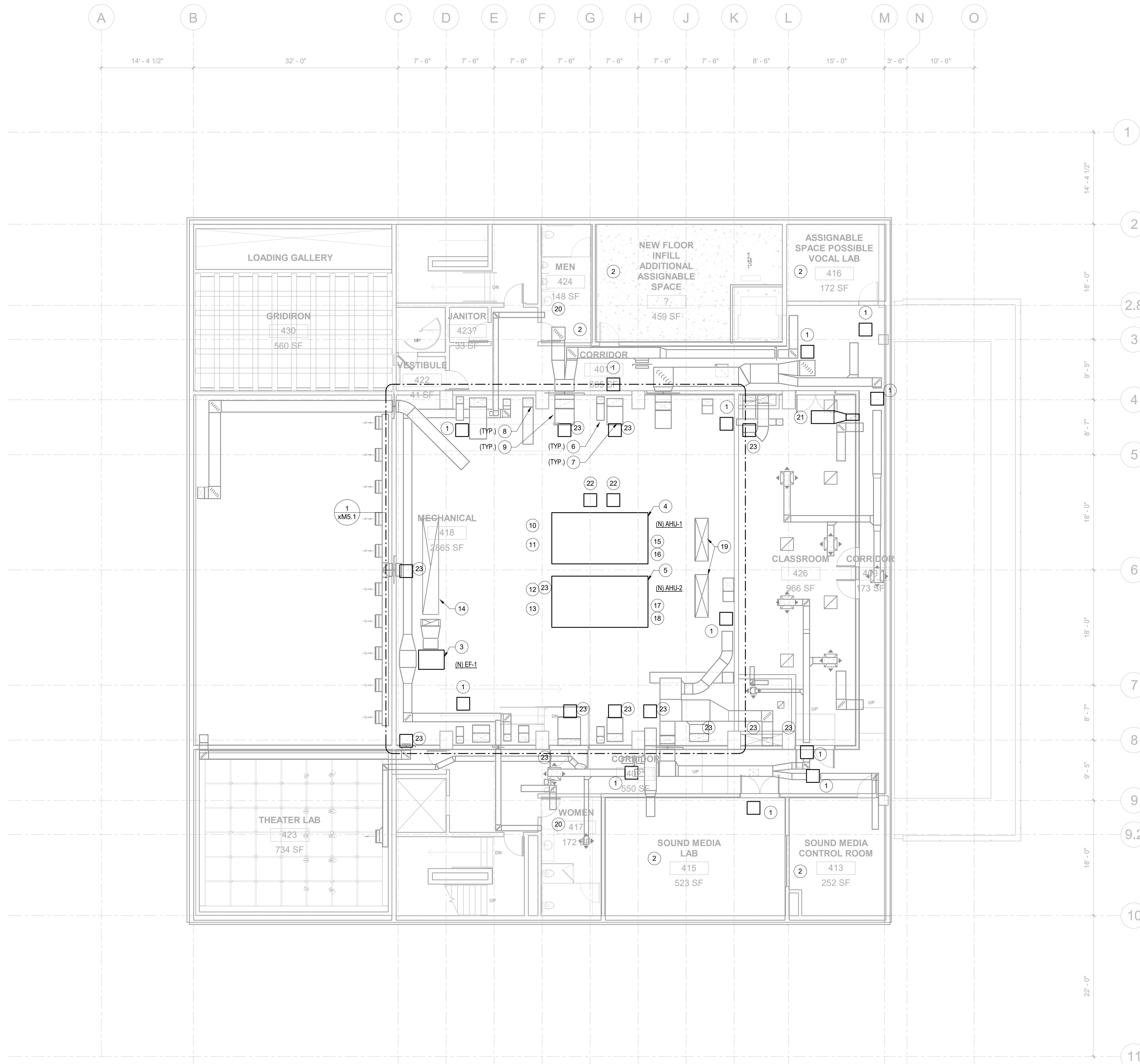
SHEET NUMBER:
M205

GENERAL NOTES

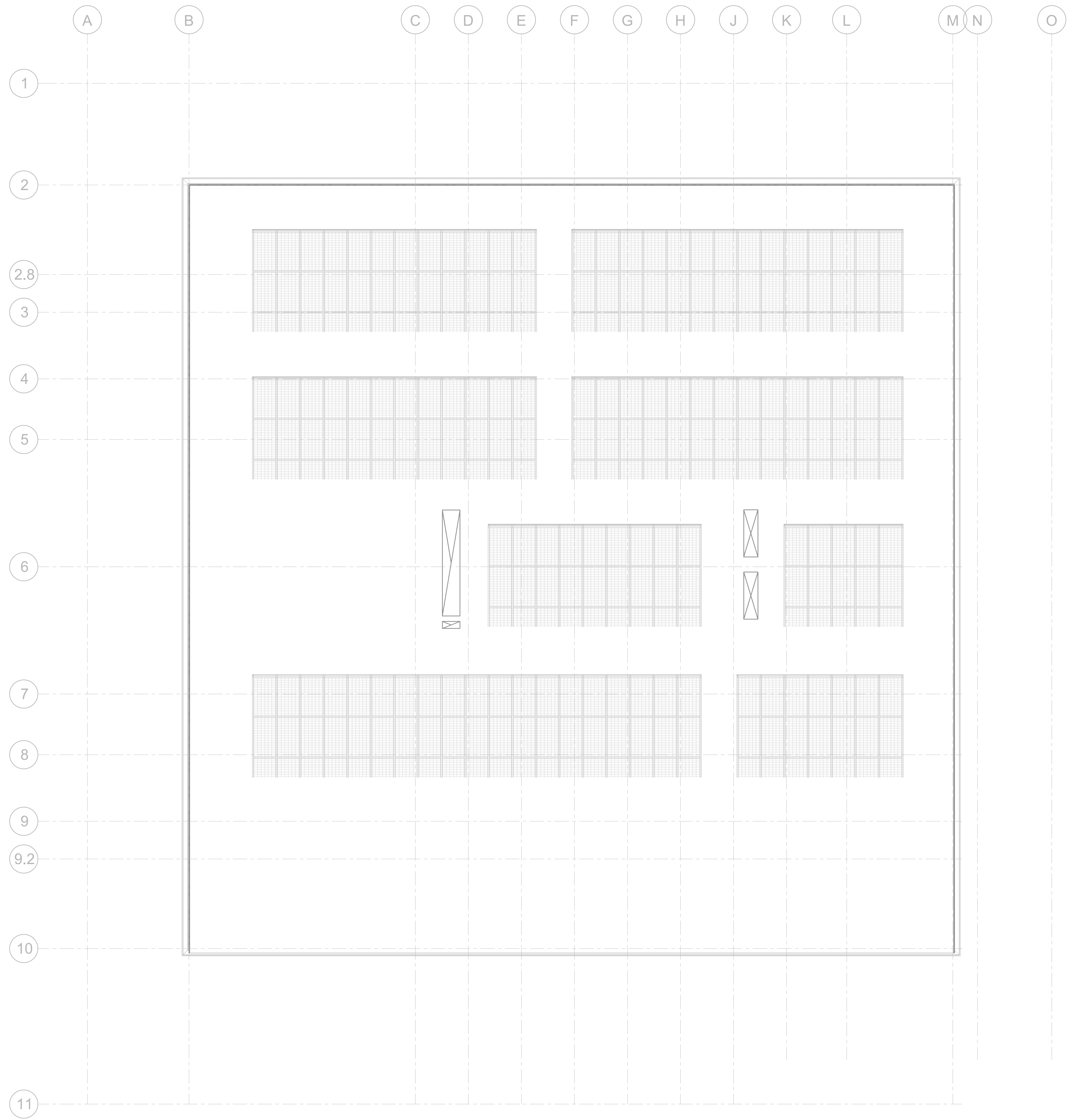
- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

1. PROVIDE NEW VAV BOX, WITH NEW HYDRONIC HEATING COIL AND DIGITAL CONTROLLER.
2. CONDITION AND VENTILATE ZONE WITH NEW SUPPLY AND RETURN DUCTWORK TO NEW DIFFUSERS/GRILLES. ROUTE FROM EXISTING SUPPLY AND RETURN MAINS TO NEW DIFFUSER/GRILLES.
3. PROVIDE NEW GENERAL EXHAUST FAN.
4. PROVIDE NEW GENERAL AIR HANDLING UNIT.
5. PROVIDE NEW THEATER AIR HANDLING UNIT.
6. EXISTING GENERAL SUPPLY AIR RISER. PROVIDE NEW DUCTWORK. ROUTE FROM EXISTING SUPPLY RISER TO NEW GENERAL AIR HANDLING UNIT.
7. EXISTING GENERAL RETURN AIR RISER. PROVIDE NEW DUCTWORK. ROUTE FROM EXISTING RETURN RISER TO NEW GENERAL AIR HANDLING UNIT.
8. EXISTING THEATER SUPPLY AIR RISER. PROVIDE NEW DUCTWORK. ROUTE FROM EXISTING SUPPLY RISER TO NEW THEATER AIR HANDLING UNIT.
9. EXISTING THEATER RETURN AIR RISER. PROVIDE NEW DUCTWORK. ROUTE FROM EXISTING RETURN RISER TO NEW THEATER AIR HANDLING UNIT.
10. SUPPLY AIR DISCHARGE FROM GENERAL AIR HANDLING UNIT. PROVIDE NEW DUCTWORK TO EXISTING GENERAL AIR SUPPLY RISERS.
11. EXHAUST AIR DISCHARGE FROM GENERAL AIR HANDLING UNIT. PROVIDE NEW DUCTWORK TO EXHAUST RELIEF SHAFT.
12. SUPPLY AIR DISCHARGE FROM THEATER AIR HANDLING UNIT. PROVIDE NEW DUCTWORK TO EXISTING THEATER AIR SUPPLY RISERS.
13. EXHAUST AIR DISCHARGE FROM THEATER AIR HANDLING UNIT. PROVIDE NEW DUCTWORK TO EXHAUST RELIEF SHAFT.
14. EXHAUST RELIEF SHAFT.
15. RETURN AIR INTAKE TO GENERAL AIR HANDLING UNIT. PROVIDE NEW DUCTWORK TO EXISTING GENERAL AIR RETURN RISERS.
16. OUTDOOR AIR INTAKE TO GENERAL AIR HANDLING UNIT. PROVIDE NEW DUCTWORK TO OUTDOOR AIR INTAKE SHAFT.
17. RETURN AIR INTAKE TO THEATER AIR HANDLING UNIT. PROVIDE NEW DUCTWORK TO EXISTING THEATER AIR RETURN RISERS.
18. OUTDOOR AIR INTAKE TO THEATER AIR HANDLING UNIT. PROVIDE NEW DUCTWORK TO OUTDOOR AIR INTAKE SHAFT.
19. OUTDOOR AIR INTAKE SHAFT.
20. EXHAUST RESTROOM WITH NEW EXHAUST DUCTWORK AND EXHAUST GRILLES. ROUTE FROM EXISTING EXHAUST MAIN TO NEW GRILLE.
21. EXHAUST RISER FROM LOBBY RESTROOM ADDITION. ROUTE TO NEW GENERAL EXHAUST FAN.
22. PROVIDE TWO NEW CHILLED WATER SECONDARY PUMPS. DISTRIBUTE CHILLED WATER TO NEW AIR HANDLING UNITS AND NEW RADIANT MANIFOLD.
23. PROVIDE NEW EXHAUST VAV BOX, WITH DIGITAL CONTROLLER.



1 MECHANICAL LEVEL - 4
1/8" = 1'-0"



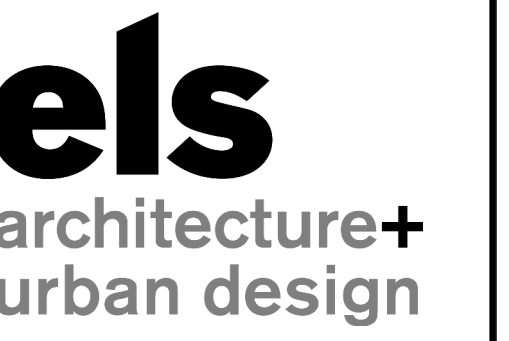
1 MECHANICAL LEVEL - ROOF
1/8" = 1'-0"

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC IN NATURE. PLEASE REFER TO PROJECT DETAILS, CONTROL DRAWINGS, SPECIFICATIONS, EQUIPMENT SCHEDULES, AND MANUFACTURE SPECIFIC INSTALLATION MANUALS FOR ADDITIONAL REQUIREMENTS.
- B. COORDINATE ROUTING WITH EXISTING CONDITIONS AND TRADES NOT SHOWN PRIOR TO FABRICATION OR INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

SHEET NOTES

- 1. SHEET NOTES



PROJECT:
LANEY COLLEGE THEATER

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
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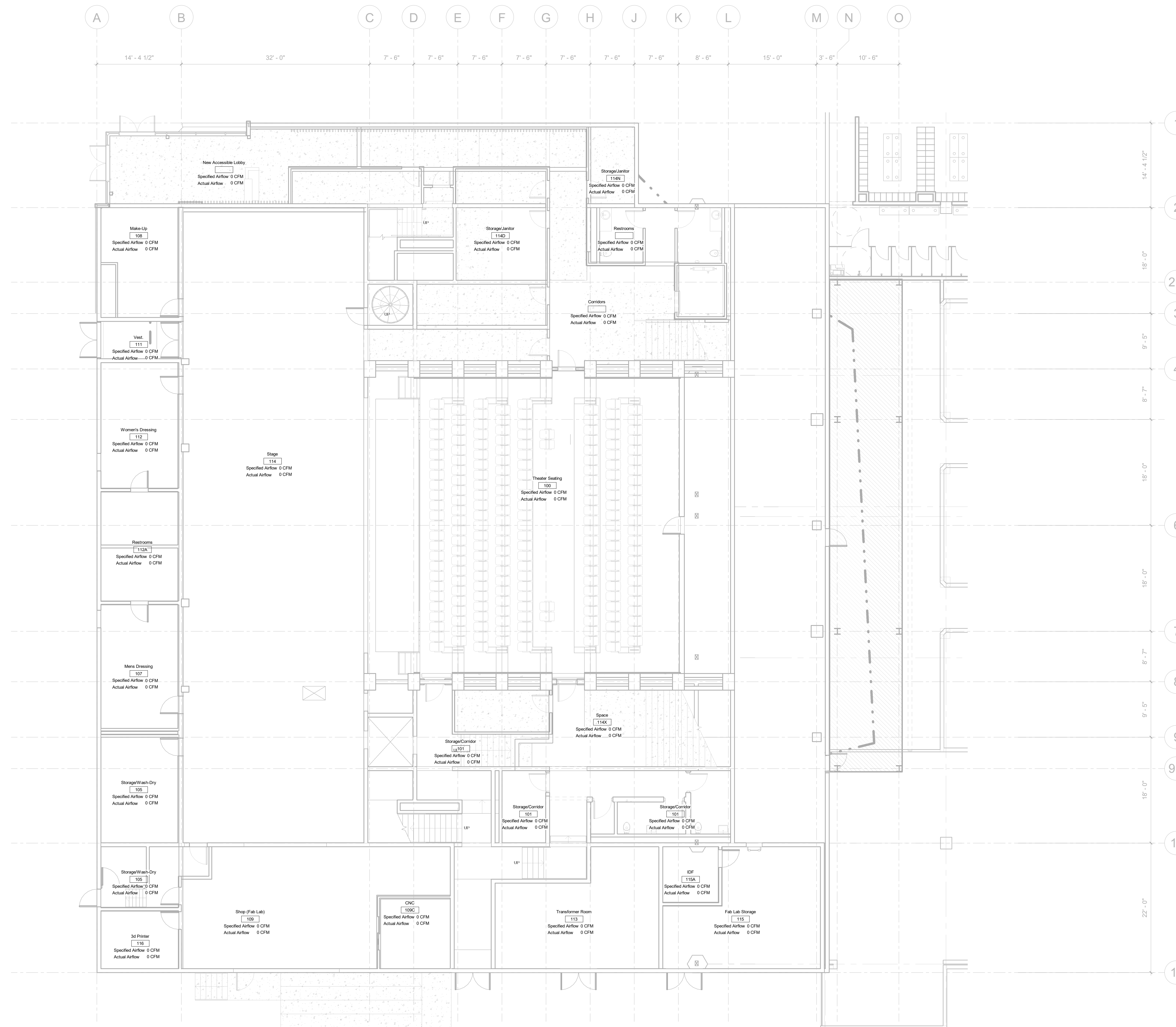
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SHEET TITLE:
MECHANICAL ROOF PLAN

SHEET NUMBER:
M206

GENERAL NOTES

A. REFER TO MECHANICAL SCHEDULE FOR LOAD SUMMARY AND AIRFLOW SUMMARY EACH HVAC ZONE IDENTIFIED HERE.



1 MECHANICAL ZONING PLAN - STAGE
1/8" = 1'-0"

PROJECT:
**LANEY COLLEGE
THEATER**

PROJECT NUMBER:
202004.00

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COLLEGE DISTRICT**

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SHEET TITLE:
**MECHANICAL
ZONING PLAN -
STAGE**

SHEET NUMBER:
M401

GENERAL NOTES

A. REFER TO MECHANICAL SCHEDULE FOR LOAD SUMMARY AND AIRFLOW SUMMARY EACH HVAC ZONE IDENTIFIED HERE.

PROJECT:
**LANEY COLLEGE
THEATER**

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
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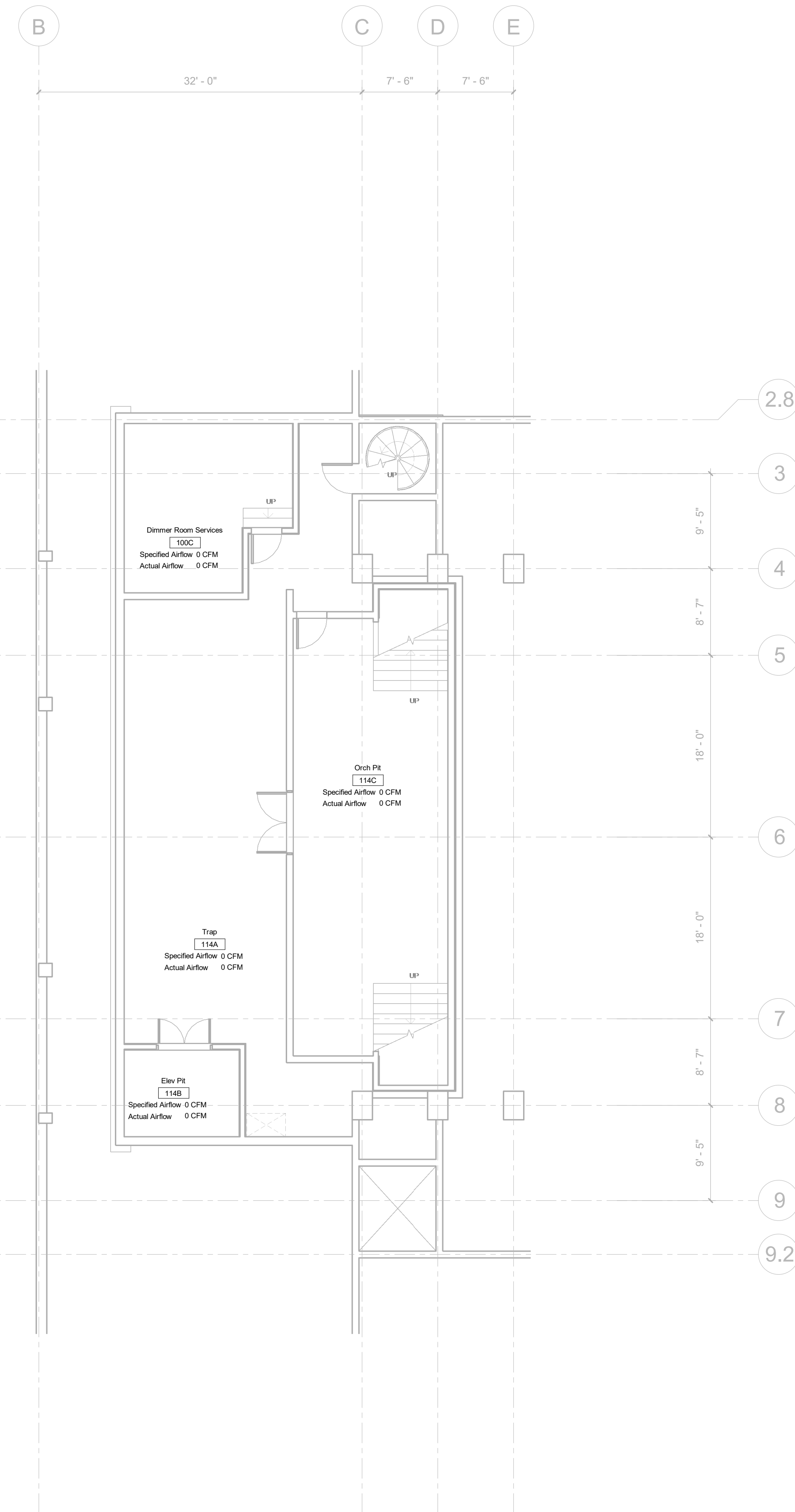
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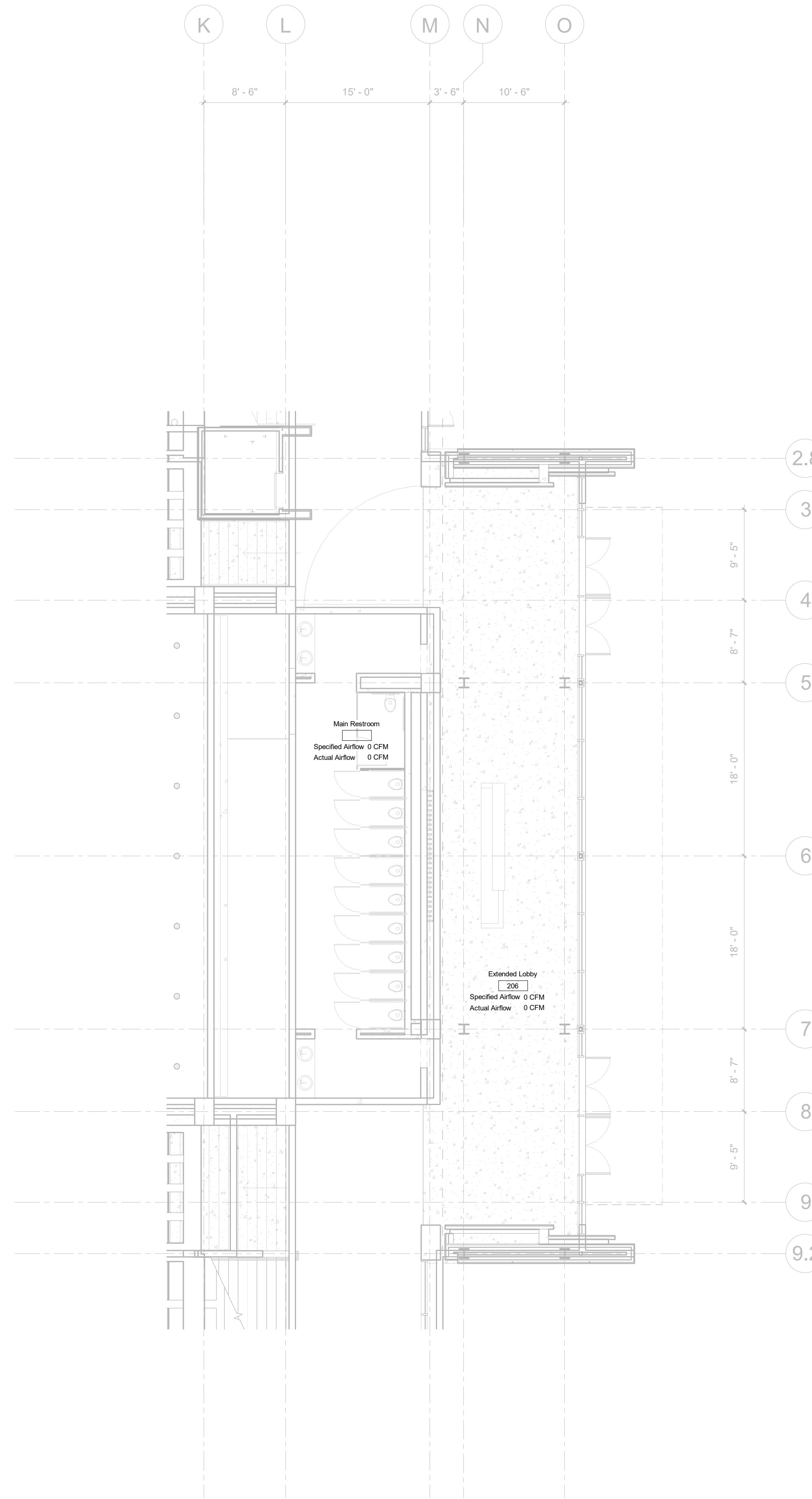
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CONSTRUCTION**

SHEET TITLE:
**MECHANICAL
ZONING PLAN -
BASEMENT AND
LOBBY LEVEL**

SHEET NUMBER:
M402



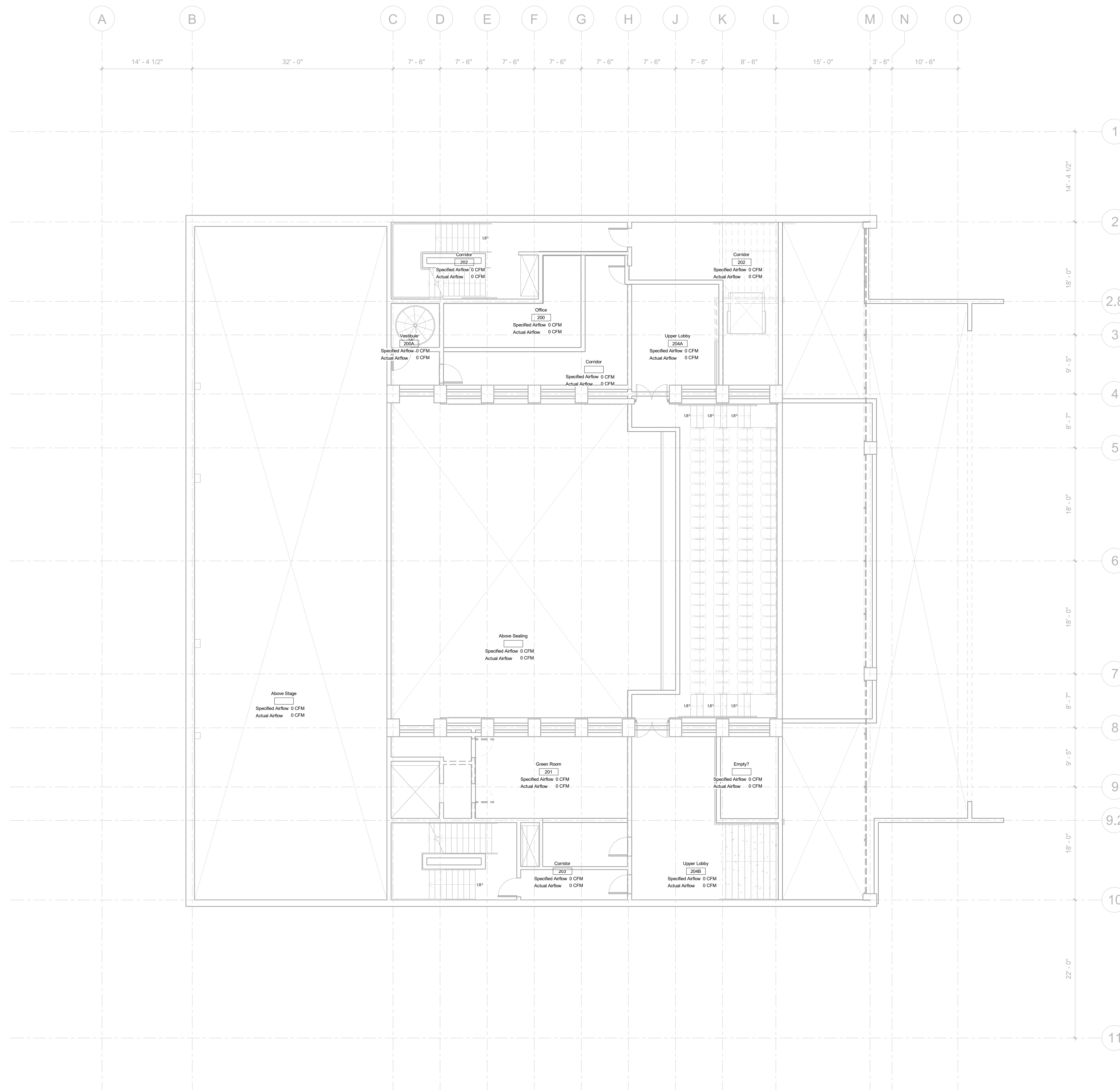
1 MECHANICAL ZONING PLAN - BASEMENT
1/8" = 1'-0"



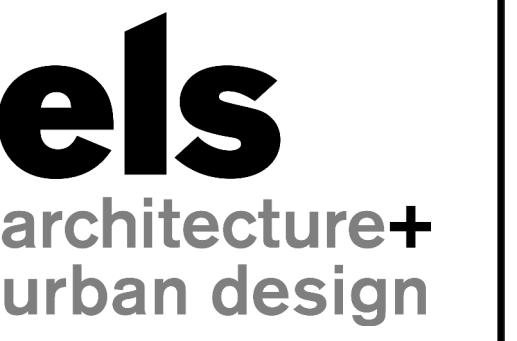
2 MECHANICAL ZONING PLAN - LOBBY
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO MECHANICAL SCHEDULE FOR LOAD SUMMARY AND AIRFLOW SUMMARY EACH HVAC ZONE IDENTIFIED HERE.



1 MECHANICAL ZONING PLAN - LEVEL 2
1/8" = 1'-0"



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ACOUSTICS:
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LOW VOLTAGE:
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SPECIFICATIONS:
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TEL: (415) 546-6033

REVISION		
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ISSUE:
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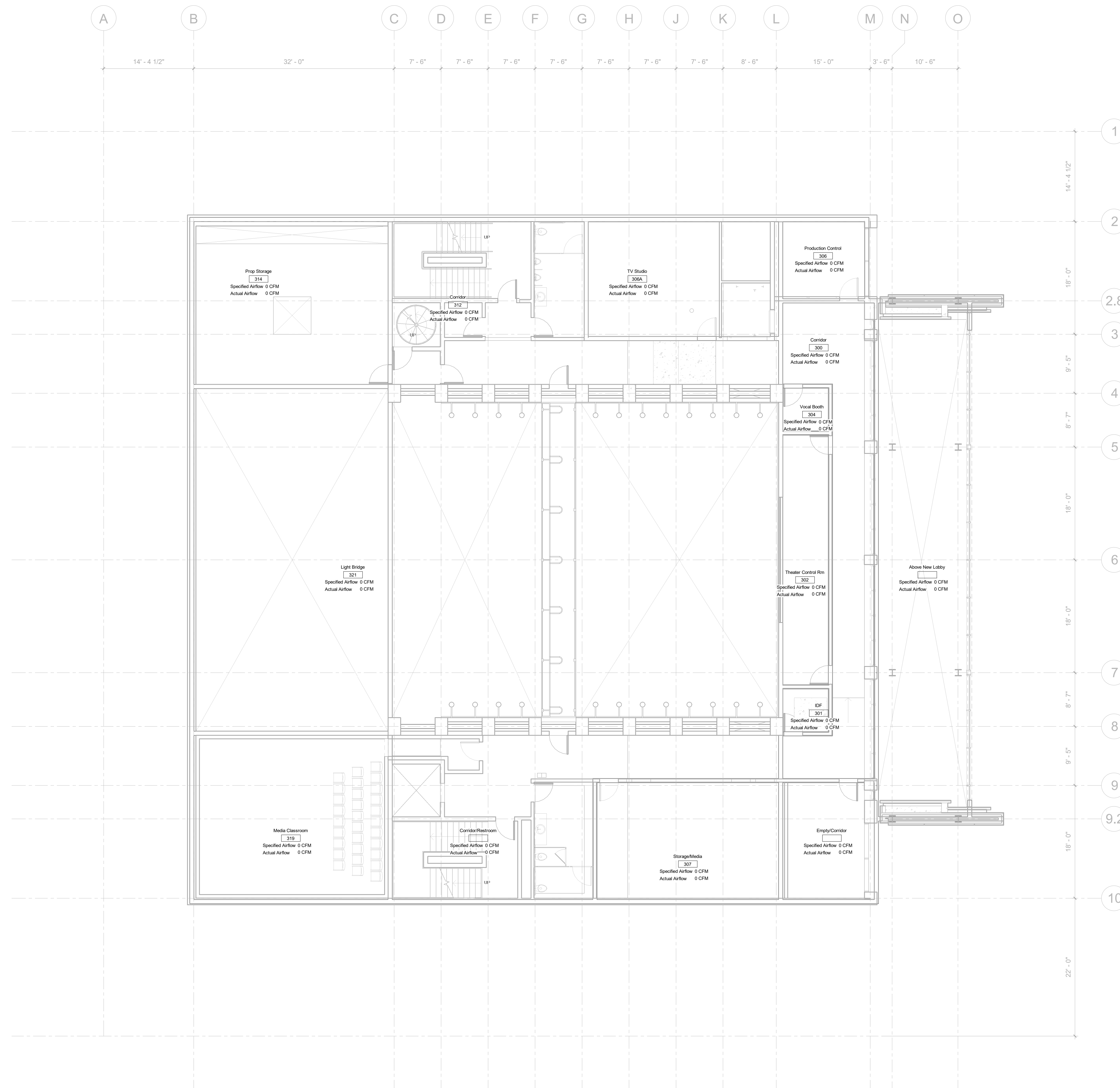


SHEET TITLE:
MECHANICAL ZONING PLAN - LEVEL 2

SHEET NUMBER:
M403

GENERAL NOTES

A. REFER TO MECHANICAL SCHEDULE FOR LOAD SUMMARY AND AIRFLOW SUMMARY EACH HVAC ZONE IDENTIFIED HERE.



1 MECHANICAL ZONING PLAN - LEVEL 3
1/8" = 1'-0"

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**LANEY COLLEGE
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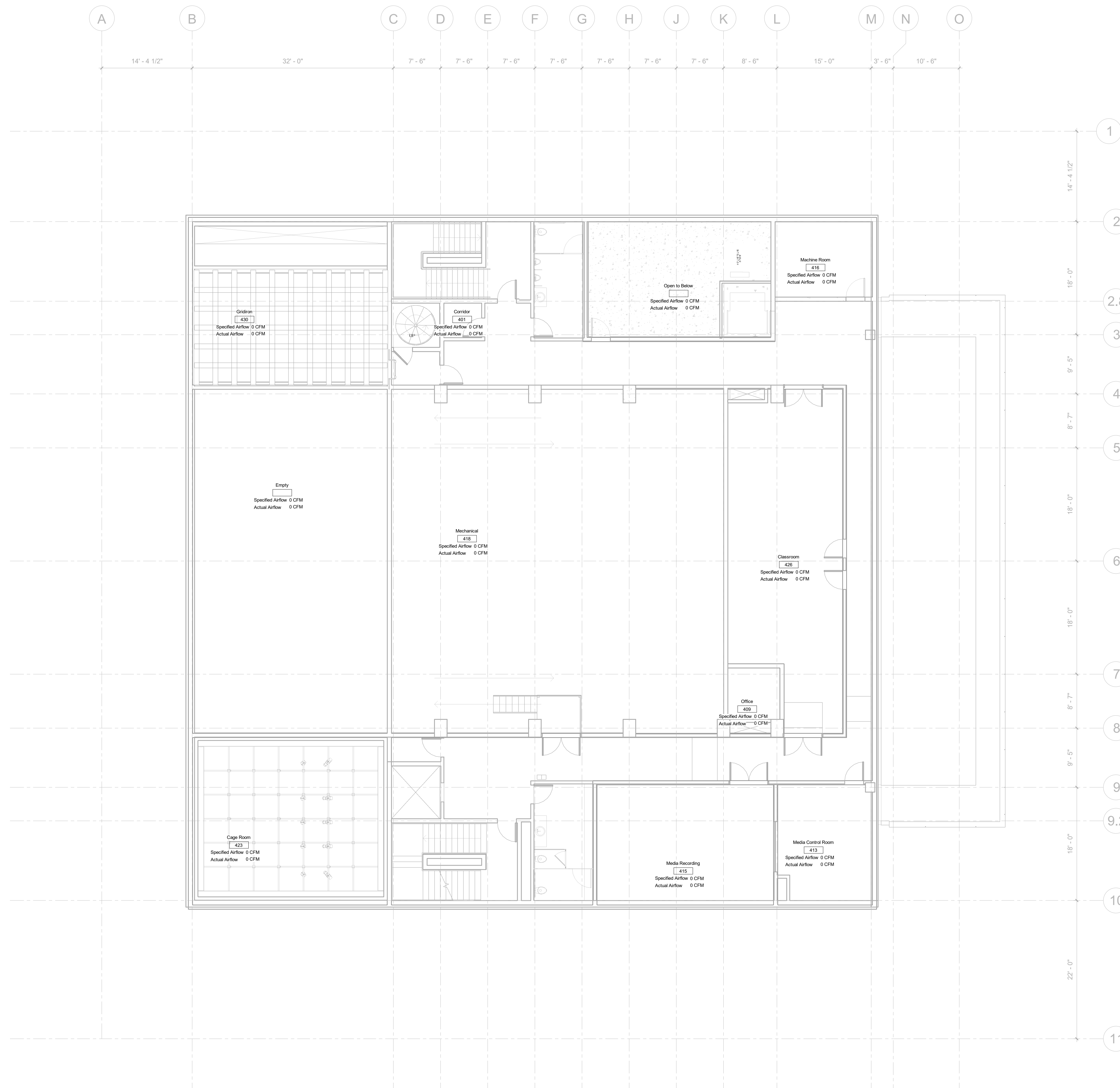
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CONSTRUCTION**

SHEET TITLE:
**MECHANICAL
ZONING PLAN -
LEVEL 3**

SHEET NUMBER:
M404

GENERAL NOTES

A. REFER TO MECHANICAL SCHEDULE FOR LOAD SUMMARY AND AIRFLOW SUMMARY EACH HVAC ZONE IDENTIFIED HERE.



1 MECHANICAL ZONING PLAN - LEVEL 4
1/8" = 1'-0"

PROJECT:
**LANEY COLLEGE
THEATER**

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202004.00

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COLLEGE DISTRICT**

PROJECT TEAM:
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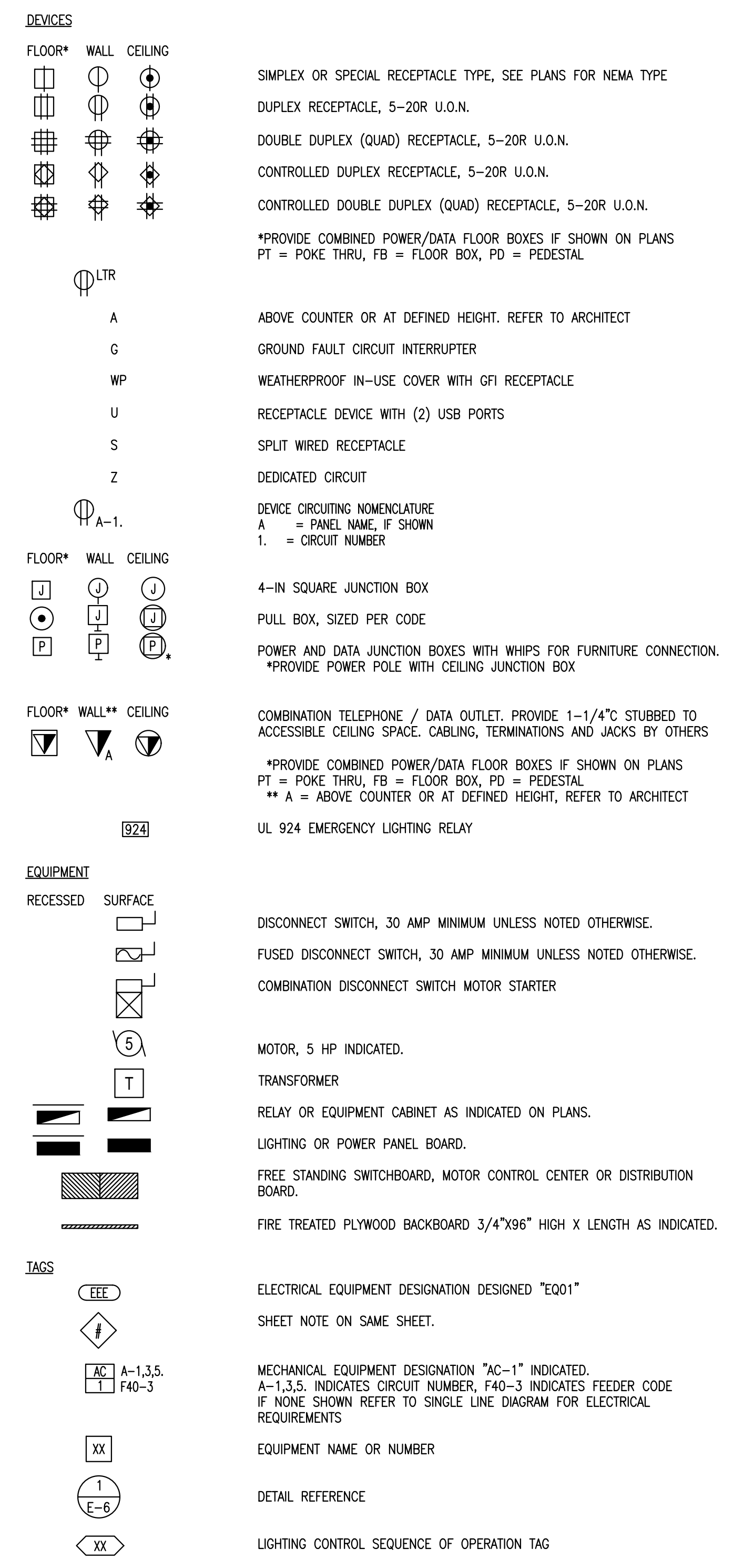
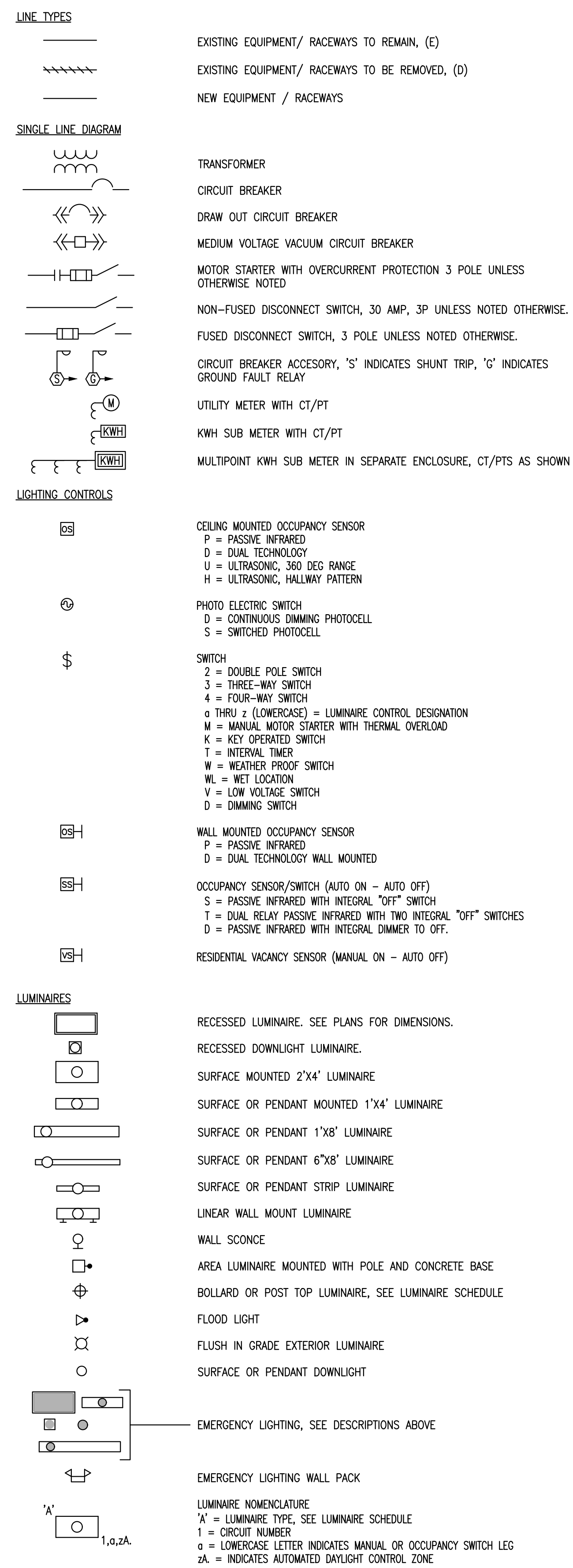
STAMP:

**NOT FOR
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SHEET TITLE:
**MECHANICAL
ZONING PLAN -
LEVEL 4**

SHEET NUMBER:
M405

SYMBOL LIST (NOT ALL SYMBOLS USED)



ABBREVIATIONS

- (E) EXISTING
- (D) DEMOLISH
- (R) RELOCATE
- (RL) NEW LOCATION OF RELOCATED DEVICE
- A AMPERES, AMPER
- AJL AUTHORITY HAVING JURISDICTION
- ANC AVAILABLE INTERRUPTING CAPACITY
- C CONDUIT, CLOSE CONTROL
- CA CABLE
- CAT CATEGORY
- CU COPPER
- DA DIAMETER
- DM DIMENSION
- DIV DIVISION
- DN DOWN
- DRW DRAWING
- EA EACH
- FF FINISH FLOOR
- FT FOOT, FEET G
- OND OND
- GCI GROUND FAULT CIRCUIT INTERRUPTER
- GFI GROUND FAULT INTERRUPTER
- IC ISOLATED GROUND
- KV KILOVOLT
- KVA KILOVOLT AMPERES
- KW KILOWATT
- LV LOW VOLTAGE
- MCA MINIMUM CIRCUIT AMPS
- MISC MISCELLANEOUS
- MOPC MAXIMUM OVERCURRENT PROTECTION
- NEC NATIONAL ELECTRIC CODE
- NTS NOT TO SCALE
- PH PHASE
- QTY QUANTITY
- RM ROOM
- STD STANDARD
- TBD TO BE DETERMINED
- TGB TELECOMMUNICATIONS GROUNDING BUS BAR
- TRP TYPICAL
- UL UNDERWRITERS LABORATORIES
- V VOLTS, VOLTAGE
- WP WEATHERPROOF

CODES & STANDARDS

- 2019 CALIFORNIA BUILDING CODE
- 2019 CALIFORNIA ELECTRICAL CODE
- 2019 CALIFORNIA MECHANICAL CODE
- 2019 CALIFORNIA PLUMBING CODE
- 2019 CALIFORNIA ENERGY CODE (TITLE 24)
- 2019 CALIFORNIA FIRE CODE
- 2019 CALIFORNIA GREEN CODE
- DIVISION OF THE STATE ARCHITECT
- OWNER STANDARDS

DRAWING INDEX

- E001 ELECTRICAL COVER SHEET
- E111 STAGE LEVEL DEMOLITION PLAN - ELECTRICAL
- E112 BASEMENT AND LOBBY LEVEL DEMOLITION PLANS - ELECTRICAL
- E113 LEVEL 2 DEMOLITION PLAN - ELECTRICAL
- E114 LEVEL 3 DEMOLITION PLAN - ELECTRICAL
- E115 LEVEL 4 DEMOLITION PLAN - ELECTRICAL
- E201 STAGE LEVEL PLAN - LIGHTING
- E202 BASEMENT AND LOBBY LEVEL PLANS - LIGHTING
- E203 LEVEL 2 PLAN - LIGHTING
- E204 LEVEL 3 PLAN - LIGHTING
- E205 LEVEL 4 PLAN - LIGHTING
- E301 STAGE LEVEL PLAN - POWER
- E302 BASEMENT AND LOBBY LEVEL PLANS - POWER
- E303 LEVEL 2 PLAN - POWER
- E304 LEVEL 3 PLAN - POWER
- E305 LEVEL 4 PLAN - POWER
- E401 ENLARGED PLANS - ELECTRICAL
- E501 SINGLE LINE DIAGRAM - DEMOLITION
- E502 SINGLE LINE DIAGRAM - NEW WORK
- E503 GROUNDING-RISER DIAGRAM
- E601 SCHEDULES
- E70X DETAILS
- E801 TITLE 24

GENERAL ELECTRICAL NOTES

- SCHEDULE WORK IN EXISTING BUILDINGS WITH THE OWNER. MINIMIZE DISRUPTION OF NORMAL OPERATIONS.
- VISIT THE SITE BEFORE SUBMITTING A BID TO OBSERVE EXISTING CONDITIONS.
- DO NOT INSTALL ELECTRICAL BOXES IN RATED WALLS CLOSER THAN 2"-0" TO EACH OTHER. PROVIDE "PADDY" PADS OR EQUIVALENT ON EACH BOX INSTALLED.
- PLANS DO NOT GENERALLY INDICATE WIRE COUNTS. FOR EACH 20 AMP, 120 VOLT OR 277 VOLT CIRCUIT, PROVIDE (1) #12 PHASE CONDUCTOR, (1) #12 NEUTRAL CONDUCTOR AND (1) #12 GROUNDING CONDUCTOR. WHERE MULTIPLE CIRCUITS ARE SHOWN, UP TO THREE SEPARATE AND DIFFERENTLY PHASED CIRCUITS (A, B AND C) PROVIDE DEDICATED NEUTRALS UNLESS OTHERWISE NOTED AND A SINGLE GROUNDING CONDUCTOR. WHERE DRAWINGS INDICATE WIRE SIZES/COUNTS, PROVIDE SUCH CIRCUIT, NEUTRAL, AND GROUNDING CONDUCTORS FOR THE PORTION OF THE CIRCUIT WHERE SUCH CONDUCTORS SHARE A COMMON CONDUIT. GROUND WIRE INSULATION: GREEN. ALL WORK COMPLY WITH CEC 300.17.
- IN ALL CASES AND FOR ALL SYSTEMS AND COMPONENTS, USE ONLY EQUIPMENT IN ACCORDANCE WITH ITS LISTING OR LABELING. [CEC 110.3(B)]
- USE ONLY EQUIPMENT MARKED (LISTED/LABELLED) AS SUITABLE FOR INSTALLATION AND WITH HIGHER TEMPERATURE RATED CONDUCTORS AT THE AMPACITY OF THE HIGHER RATED CONDUCTORS. REFER TO THE UL ELECTRICAL CONSTRUCTION MATERIAL DIRECTORY FOR CIRCUIT BREAKERS, SWITCHES, PANELBOARDS, SWITCHBOARDS, ETC. [CEC 110.14(C)]
- PROVIDE SUFFICIENT ACCESS AND WORKING CLEARANCE ABOUT THE ELECTRICAL EQUIPMENT IN ACCORDANCE WITH CEC 110.26(A).
- PROVIDE ACCESS AND ENTRANCES TO AND EGRESS FROM WORKING SPACE ABOUT ELECTRICAL EQUIPMENT IN ACCORDANCE WITH CEC 110.26(C).
- INSTALL ONLY RECEPTACLE OUTLETS WITH GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION IN LOCATIONS SPECIFIED AS BATHROOMS, COMMERCIAL AND INSTITUTIONAL KITCHENS, ROOFTOPS AND OUTDOOR PUBLIC SPACES. SEE EXCEPTIONS. [CEC 210.8(B)]
- PROVIDE OUTLET DEVICE(S) INSTALLED ON A BRANCH CIRCUIT WITH A RATING IN ACCORDANCE WITH CEC 210.21(B) (SEE EXCEPTIONS, AND REFER TO 210.21(B) TABLE(S)).
- DO NOT INSTALL CONDUCTORS OTHER THAN SERVICE CONDUCTORS IN THE SAME SERVICE RACEWAY OR SERVICE CABLE WITH OTHER CONDUCTORS. SEE EXCEPTIONS. [CEC 230.7]
- PROVIDE GROUND FAULT PROTECTION OF EQUIPMENT IN ACCORDANCE WITH CEC 230.95 AND 240.13 (SEE EXCEPTIONS).
- PROVIDE GROUNDING FOR SEPARATELY DERIVED SYSTEMS IN ACCORDANCE WITH CEC 250.20(A), 250.20(B), 250.20(D) AND 250.30 (SEE EXCEPTIONS).
- FOR PVC CONDUIT, PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR RUN WITH THE FEEDER CONDUCTORS AND SIZE PER CEC TABLE 250.122.
- FOR PERMANENTLY CONNECTED APPLIANCES RATED NOT OVER 100 VOLTS/AMPERES OR 1/8 HORSEPOWER, THE BRANCH-CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS. [CEC 422.31]
- ALL THE EQUIPMENT, MATERIAL, AND WIRING IN HAZARDOUS (CLASSIFIED) AREAS MEET MINIMUM REQUIREMENTS OF CEC 500 THROUGH 504.
- THE EMERGENCY SYSTEM SHALL BE AUTOMATICALLY RESTORED TO OPERATION WITHIN 10 SECONDS AFTER INTERRUPTION OF THE NORMAL SOURCE. [CEC 517.31 AND CEC 700.12]
- CONNECT ONLY THOSE LOADS LISTED IN CEC 517.32 TO THE LIFE SAFETY BRANCH.
- KEEP LIFE SAFETY BRANCH WIRING ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND SHALL NOT ENTER THE SAME RACEWAYS, BOXES, OR CABINETS WITH EACH OTHER OR OTHER WIRING. [CEC 517.41(D) (SEE EXCEPTIONS)]

LIGHTING ACCEPTANCE CERTIFICATE

BEFORE AN OCCUPANCY PERMIT IS GRANTED FOR A NEWLY CONSTRUCTED BUILDING OR AREA, OR A NEW LIGHTING SYSTEM SERVING A BUILDING, AREA, OR SITE IS OPERATED FOR NORMAL USE, ALL INDOOR AND OUTDOOR LIGHTING CONTROLS SERVING THE BUILDING, AREA, OR SITE, SHALL BE CERTIFIED AS MEETING THE ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE IN ACCORDANCE WITH CEC SECTION 130.4. A CERTIFICATE OF ACCEPTANCE SHALL BE SUBMITTED TO THE ENFORCEMENT AGENCY UNDER CEC SECTION 10-103(a) OF PART 1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING AND COMPLETION OF REQUIRED ACCEPTANCE FORMS. IF GENERAL CONTRACTOR IS NOT LICENSED FOR THIS WORK, GENERAL CONTRACTOR SHALL HIRE LICENSED THIRD PARTY.



PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
Berkeley, CA 94704
TEL: (510) 540-2529

CIVIL ENGINEER:
CSW / S12
45 Leveoni Court
Novato, CA 94949
TEL: (415) 883-8850

STRUCTURAL ENGINEER:
FORELLE/LESSESSER ENGINEERS
160 PINE STREET, 6TH FLOOR
SAN FRANCISCO, CA 94111
TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
ALTER CONSULTING ENGINEERS
1624 FRANKLIN STREET #1300
OAKLAND, CA 94612
TEL: (510) 878-2591

ELECTRICAL & FIRE ALARM ENGINEER:
FLJA
1620 MONTGOMERY STREET, SUITE 250
SAN FRANCISCO, CA 94111
TEL: (510) 676-2591

FIRE AND LIFE SAFETY CONSULTANT:
HYT CORPORATION
3488 CLAYTON ROAD, SUITE #101
CONCORD, CA 94519
TEL: (925) 681-2731

THEATRE:
THE SHALLECK COLLABORATIVE, INC.
1553 MARTIN LUTHER KING JR. WAY
BERKELEY, CA 94709
TEL: (415) 956-4100

ACOUSTICS:
SALTER
130 SUTTER STREET, FLOOR 5
SAN FRANCISCO, CA 94104
TEL: (415) 470-5480

LOW VOLTAGE:
GUIDEPOST SOLUTIONS
180 GRAND STREET, SUITE 950
OAKLAND, CA 94612
TEL: (510) 268-8373

SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

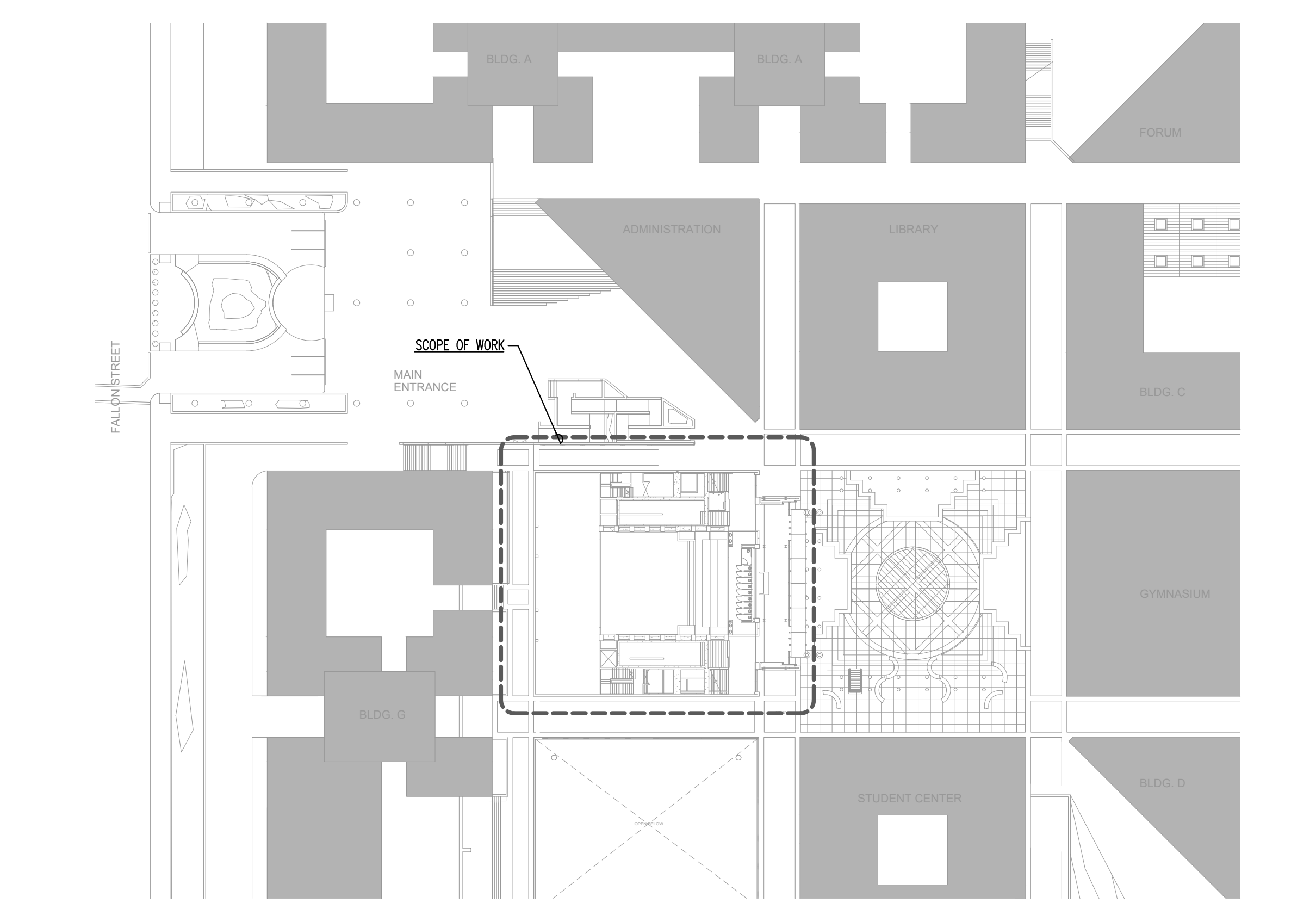
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SHEET TITLE:
ELECTRICAL COVER SHEET

SHEET NUMBER:
E001



1 OVERALL SITE PLAN
SCALE: NTS

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NUMBER	DATE	DESCRIPTION

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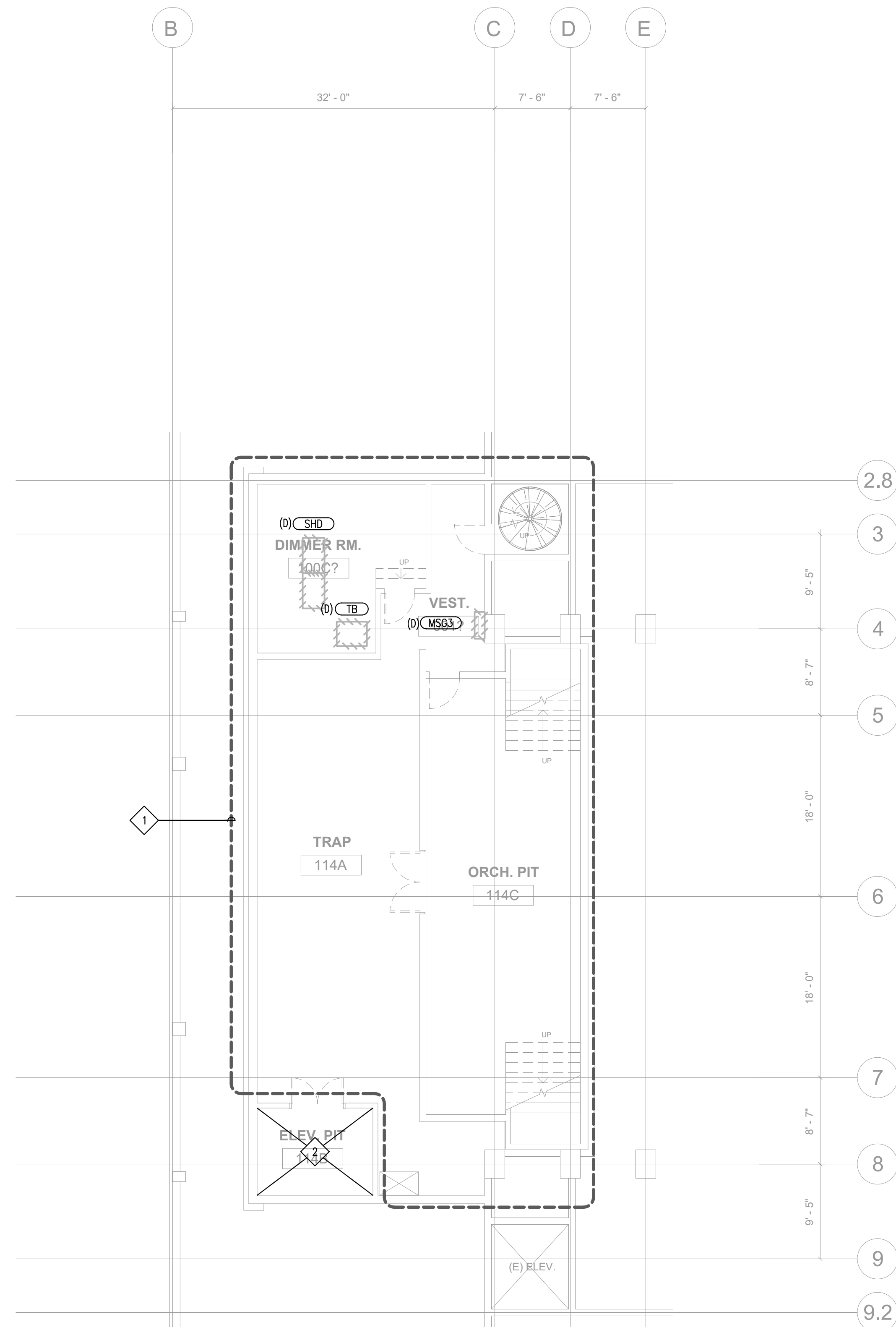
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CONSTRUCTION**

SHEET TITLE:
**BASEMENT AND
LOBBY LEVEL
DEMOLITION PLAN -
ELECTRICAL**

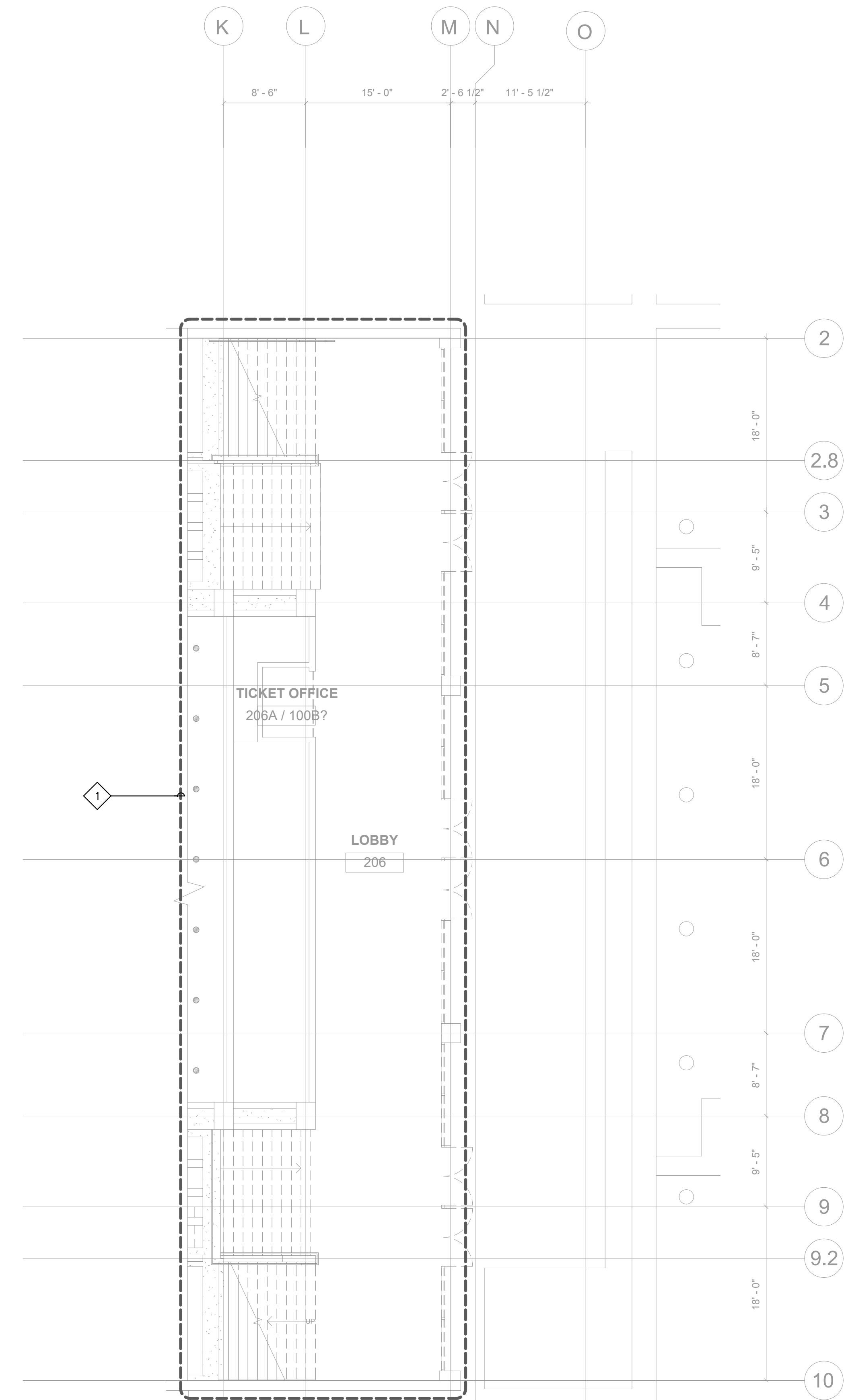
SHEET NUMBER:
E112

GENERAL SHEET NOTES

- COORDINATE DEMOLITION WORK WITH ARCHITECT AND BUILDING OWNER PRIOR TO COMMENCEMENT OF WORK.
 - DEMOLISH EXISTING LIGHTING CONTROL DEVICES, LUMINAIRES, RECEPTACLES, VOICE/DATA OUTLETS, FEEDERS, ETC., AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION AND INDICATED WITH CROSBARMS ON DRAWINGS. REUSE SPARE CIRCUITS AS MUCH AS POSSIBLE FOR NEW WORK. COORDINATE AND SEQUENCE DEMOLITION WORK WITH PROVISIONS OF CONSTRUCTION DOCUMENTS.
 - REMOVE EXISTING MATERIALS CONFLICTING WITH REMODEL WORK INDICATED IN THE CONSTRUCTION DOCUMENTS AND SUBJECT TO CONDITIONS INDICATED IN SUCH.
 - REMOVE ELECTRICAL MATERIALS MOUNTED IN OR ON WALLS AND CEILING TO BE REMOVED AS INDICATED IN ARCHITECTURAL CONSTRUCTION DOCUMENTS.
 - MAINTAIN IN OPERATION EXISTING SYSTEMS NOT INDICATED FOR REMOVAL IN CONSTRUCTION DOCUMENTS.
 - THOROUGHLY CLEAN AND RELAMP EXISTING LUMINAIRES TO REMAIN. REPLACE DAMAGED OR BROKEN LENS AND/OR COMPONENTS.
 - PROVIDE UPDATED PANEL SCHEDULES THAT IDENTIFY EXISTING CIRCUITS AND NUMBER OF SPARE CIRCUITS AVAILABLE UPON COMPLETION OF DEMOLITION WORK.
 - VERIFY EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. PROVIDE ADDITIONAL SPLICE BOXES, ETC., AS REQUIRED FOR COMPLETE AND PROPERLY OPERATING SYSTEM. REUSE IN PLACE EXISTING CONDUIT NOT REMOVED DURING DEMOLITION IF SIZED IN ACCORDANCE WITH LATEST EDITION OF THE C.E.C. (CALIFORNIA ELECTRICAL CODE) AND THOROUGHLY CLEANED AND STRIPPED PRIOR TO PULLING NEW WIRES.
 - OBTAIN COPY OF EXISTING AS-BUILT DRAWINGS PRIOR TO BID.
 - WHERE REMOVAL OF OUTLET(S) INTERRUPT EXISTING CONDUIT AND/OR CIRCUIT, WALL OR PORTION OF THE CIRCUIT AND RESULTS IN LOSS OF CIRCUIT CONTINUITY, REROUTE, EXTEND AND RECONNECT REMAINING CONDUIT AND/OR CIRCUIT AS REQUIRED TO PROVIDE CONTINUITY OF THE CIRCUIT THAT REMAINS IN SERVICE TO OUTLETS AND EQUIPMENT.
 - WHERE DRAWINGS INDICATE EXISTING ELECTRICAL EQUIPMENT OR DEVICES TO BE RELOCATED AND/OR REUSED, REFURBISH THEM THOROUGHLY CLEAN SUCH ITEMS. NOTIFY ARCHITECT OF ANY DEFECTS IN SUCH INSTALLATIONS. REPAIR ANY DAMAGE CAUSED BY DEMOLITION OR CONSTRUCTION PERFORMED UNDER THIS CONTRACT.
 - DISCONNECT AND REMOVE ELECTRICAL DISTRIBUTION EQUIPMENT AS INDICATED ON PLANS. REFER TO ESO1 FOR INFORMATION REGARDING RE-USE OF FEEDER CONDUITS.
- SHEET NOTES**
- DISCONNECT AND REMOVE RECEPTACLES, LUMINAIRES, LIGHTING CONTROLS AND ELECTRICAL DEVICES COMPLETE BACK TO SOURCE.
 - EXISTING ELEVATOR TO REMAIN. MAINTAIN FEEDER CONTINUITY FROM POWER SOURCE DURING DEMOLITION WORK. ELEVATOR SHALL BE RE-CONNECTED TO NEW POWER SOURCE UNDER NEW WORK.



2 BASEMENT LEVEL DEMOLITION PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"



1 LOBBY LEVEL DEMOLITION PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"

REVISION		
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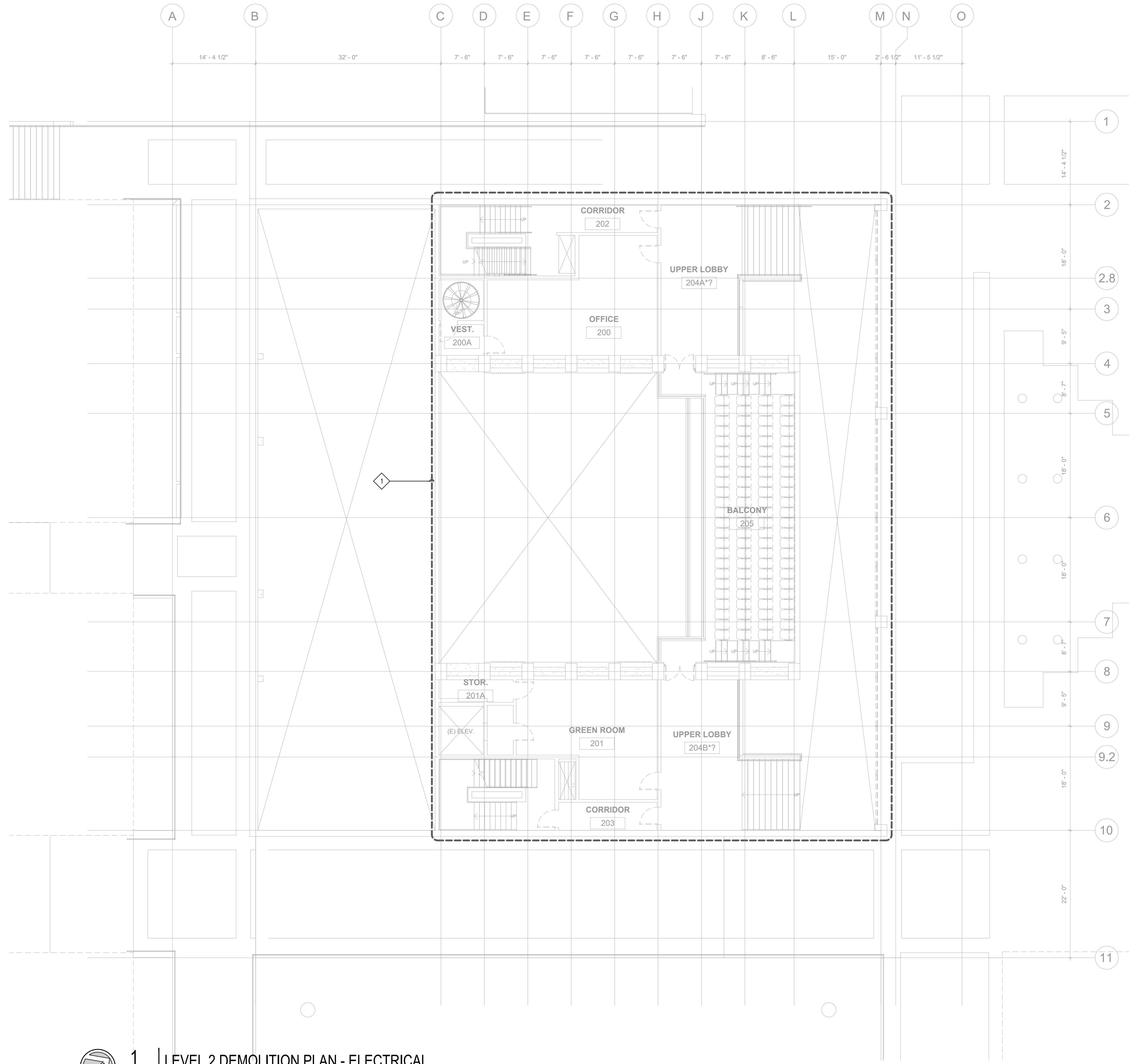
SHEET TITLE:
**LEVEL 2 DEMOLITION
PLAN - ELECTRICAL**

SHEET NUMBER:
E113

GENERAL SHEET NOTES

- A. COORDINATE DEMOLITION WORK WITH ARCHITECT AND BUILDING OWNER PRIOR TO COMMENCEMENT OF WORK.
- B. DEMOLISH EXISTING LIGHTING CONTROL DEVICES, LUMINAIRES, RECEPTACLES, VOICE/DATA OUTLETS, FEEDERS, ETC., AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION AND INDICATED WITH CROSBARMS ON DRAWINGS. REUSE SPARE CIRCUITS AS MUCH AS POSSIBLE FOR NEW WORK. COORDINATE AND SEQUENCE DEMOLITION WORK WITH PROVISIONS OF CONSTRUCTION DOCUMENT DIVISIONS.
- C. REMOVE EXISTING MATERIALS CONFLICTING WITH REMODEL WORK INDICATED IN THE CONSTRUCTION DOCUMENTS AND SUBJECT TO CONDITIONS INDICATED IN SUCH.
- D. REMOVE ELECTRICAL MATERIALS MOUNTED IN OR ON WALLS AND CEILING TO BE REMOVED AS INDICATED IN ARCHITECTURAL CONSTRUCTION DOCUMENTS.
- E. MAINTAIN IN OPERATION EXISTING SYSTEMS NOT INDICATED FOR REMOVAL IN CONSTRUCTION DOCUMENTS.
- F. THOROUGHLY CLEAN AND RELAMP EXISTING LUMINAIRES TO REMAIN. REPLACE DAMAGED OR BROKEN LENS AND/OR COMPONENTS.
- G. PROVIDE UPDATED PANEL SCHEDULES THAT IDENTIFY EXISTING CIRCUITS AND NUMBER OF SPARE CIRCUITS AVAILABLE UPON COMPLETION OF DEMOLITION WORK.
- H. VERIFY EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. PROVIDE ADDITIONAL SPLICE BOXES, ETC., AS REQUIRED FOR COMPLETE AND PROPERLY OPERATING SYSTEM. REUSE IN PLACE EXISTING CONDUIT NOT REMOVED DURING DEMOLITION IF SIZED IN ACCORDANCE WITH LATEST EDITION OF THE C.E.C. (CALIFORNIA ELECTRICAL CODE) AND THOROUGHLY CLEANED AND STRIPPED PRIOR TO PULLING NEW WIRES.
- I. OBTAIN COPY OF EXISTING AS-BUILT DRAWINGS PRIOR TO BID.
- J. WHERE REMOVAL OF OUTLET(S) INTERRUPT EXISTING CONDUIT AND/OR CIRCUIT, WALL OR PORTION OF THE CIRCUIT AND RESULTS IN LOSS OF CIRCUIT CONTINUITY, RESROUTE, EXTEND AND RECONNECT REMAINING CONDUIT AND/OR CIRCUIT AS REQUIRED TO PROVIDE CONTINUITY OF THE CIRCUIT THAT REMAINS IN SERVICE TO OUTLETS AND EQUIPMENT.
- K. WHERE DRAWINGS INDICATE EXISTING ELECTRICAL EQUIPMENT OR DEVICES TO BE RELOCATED AND/OR REUSED, REFURBISH THEM THOROUGHLY CLEAN SUCH ITEMS. NOTIFY ARCHITECT OF ANY DEFECTS IN SUCH INSTALLATIONS. REPAIR ANY DAMAGE CAUSED BY DEMOLITION OR CONSTRUCTION PERFORMED UNDER THIS CONTRACT.
- L. DISCONNECT AND REMOVE ELECTRICAL DISTRIBUTION EQUIPMENT AS INDICATED ON PLANS. REFER TO ESD1 FOR INFORMATION REGARDING RE-USE OF FEEDER CONDUITS.
- M. DISCONNECT AND REMOVE RECEPTACLES, LUMINAIRES, LIGHTING CONTROLS AND ELECTRICAL DEVICES COMPLETE BACK TO SOURCE.

SHEET NOTES



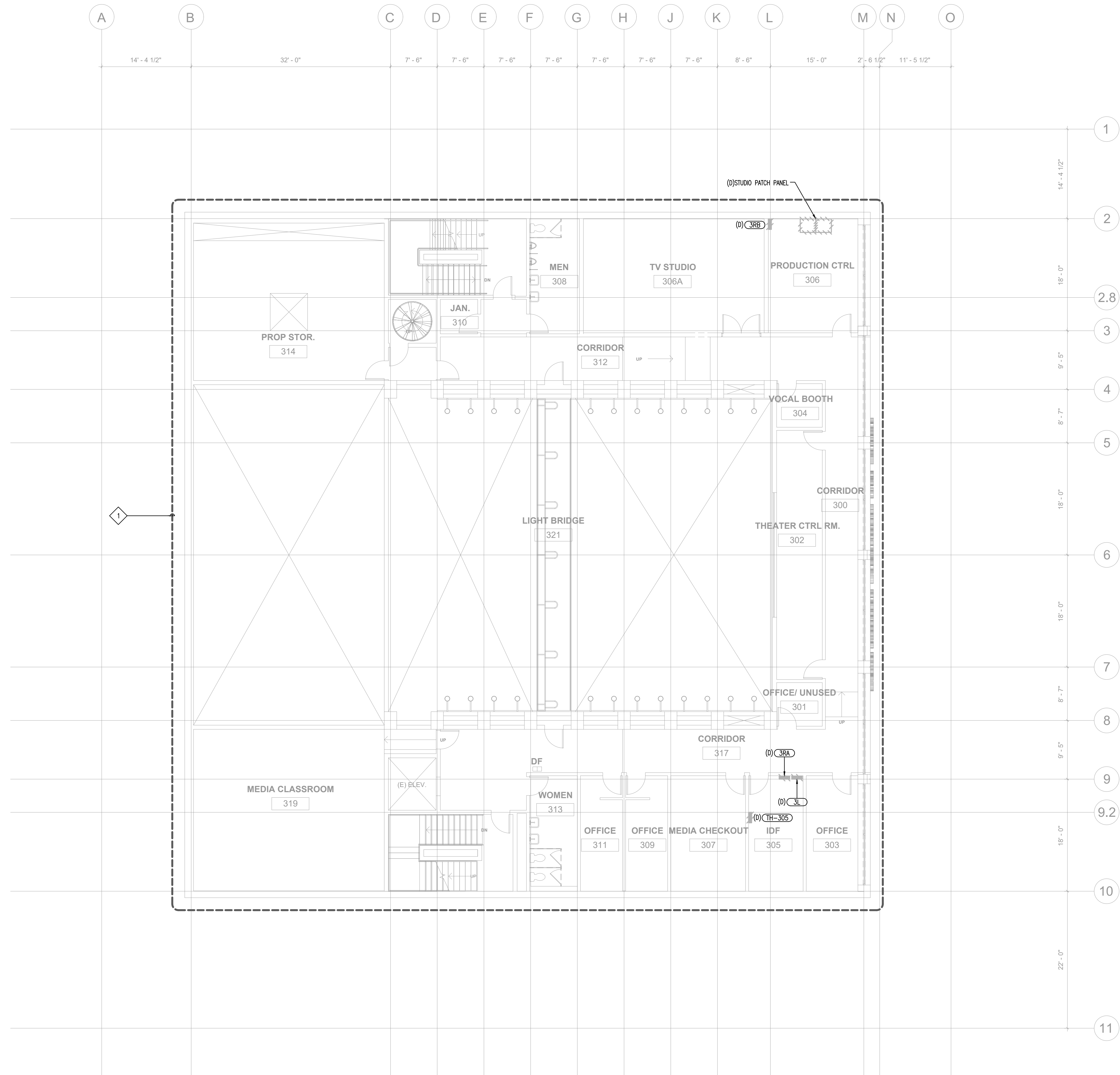
1 LEVEL 2 DEMOLITION PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

- A. COORDINATE DEMOLITION WORK WITH ARCHITECT AND BUILDING OWNER PRIOR TO COMMENCEMENT OF WORK.
- B. DEMOLISH EXISTING LIGHTING CONTROL DEVICES, LUMINAIRES, RECEPTACLES, VOICE/DATA OUTLETS, FEEDERS, ETC., AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION AND INDICATED WITH CROSBARMS ON DRAWINGS. REUSE SPARE CIRCUITS AS MUCH AS POSSIBLE FOR NEW WORK. COORDINATE AND SEQUENCE DEMOLITION WORK WITH PROVISIONS OF CONSTRUCTION DOCUMENTS.
- C. REMOVE EXISTING MATERIALS CONFLICTING WITH REMODEL WORK INDICATED IN THE CONSTRUCTION DOCUMENTS AND SUBJECT TO CONDITIONS INDICATED IN SUCH.
- D. REMOVE ELECTRICAL MATERIALS MOUNTED IN OR ON WALLS AND CEILING TO BE REMOVED AS INDICATED IN ARCHITECTURAL CONSTRUCTION DOCUMENTS.
- E. MAINTAIN IN OPERATION EXISTING SYSTEMS NOT INDICATED FOR REMOVAL IN CONSTRUCTION DOCUMENTS.
- F. THOROUGHLY CLEAN AND RELAMP EXISTING LUMINAIRES TO REMAIN. REPLACE DAMAGED OR BROKEN LENS AND/OR COMPONENTS.
- G. PROVIDE UPDATED PANEL SCHEDULES THAT IDENTIFY EXISTING CIRCUITS AND NUMBER OF SPARE CIRCUITS AVAILABLE UPON COMPLETION OF DEMOLITION WORK.
- H. VERIFY EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. PROVIDE ADDITIONAL SPLICE BOXES, ETC., AS REQUIRED FOR COMPLETE AND PROPERLY OPERATING SYSTEM. REUSE IN PLACE EXISTING CONDUIT NOT REMOVED DURING DEMOLITION IF SIZED IN ACCORDANCE WITH LATEST EDITION OF THE C.E.C. (CALIFORNIA ELECTRICAL CODE) AND THOROUGHLY CLEANED AND STRIPPED PRIOR TO PULLING NEW WIRES.
- I. OBTAIN COPY OF EXISTING AS-BUILT DRAWINGS PRIOR TO BID.
- J. WHERE REMOVAL OF OUTLETS INTERRUPT EXISTING CONDUIT AND/OR CIRCUIT, WALL OR PORTION OF THE CIRCUIT AND RESULTS IN LOSS OF CIRCUIT CONTINUITY, REROUTE, EXTEND AND RECONNECT REMAINING CONDUIT AND/OR CIRCUIT AS REQUIRED TO PROVIDE CONTINUITY OF THE CIRCUIT THAT REMAINS IN SERVICE TO OUTLETS AND EQUIPMENT.
- K. WHERE DRAWINGS INDICATE EXISTING ELECTRICAL EQUIPMENT OR DEVICES TO BE RELOCATED AND/OR REUSED, REFURBISH THEM THOROUGHLY CLEAN SUCH ITEMS. NOTIFY ARCHITECT OF ANY DEFECTS IN SUCH INSTALLATIONS. REPAIR ANY DAMAGE CAUSED BY DEMOLITION OR CONSTRUCTION PERFORMED UNDER THIS CONTRACT.
- L. DISCONNECT AND REMOVE ELECTRICAL DISTRIBUTION EQUIPMENT AS INDICATED ON PLANS. REFER TO ESD1 FOR INFORMATION REGARDING RE-USE OF FEEDER CONDUITS.

SHEET NOTES

- 1. DISCONNECT AND REMOVE RECEPTACLES, LUMINAIRES, LIGHTING CONTROLS AND ELECTRICAL DEVICES COMPLETE BACK TO SOURCE.



1 | LEVEL 3 DEMOLITION PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"

REVISION	NUMBER	DATE	DESCRIPTION

ISSUE:
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DATE:
AUGUST 3, 2020

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CONSTRUCTION**

SHEET TITLE:
**LEVEL 3 DEMOLITION
PLAN - ELECTRICAL**

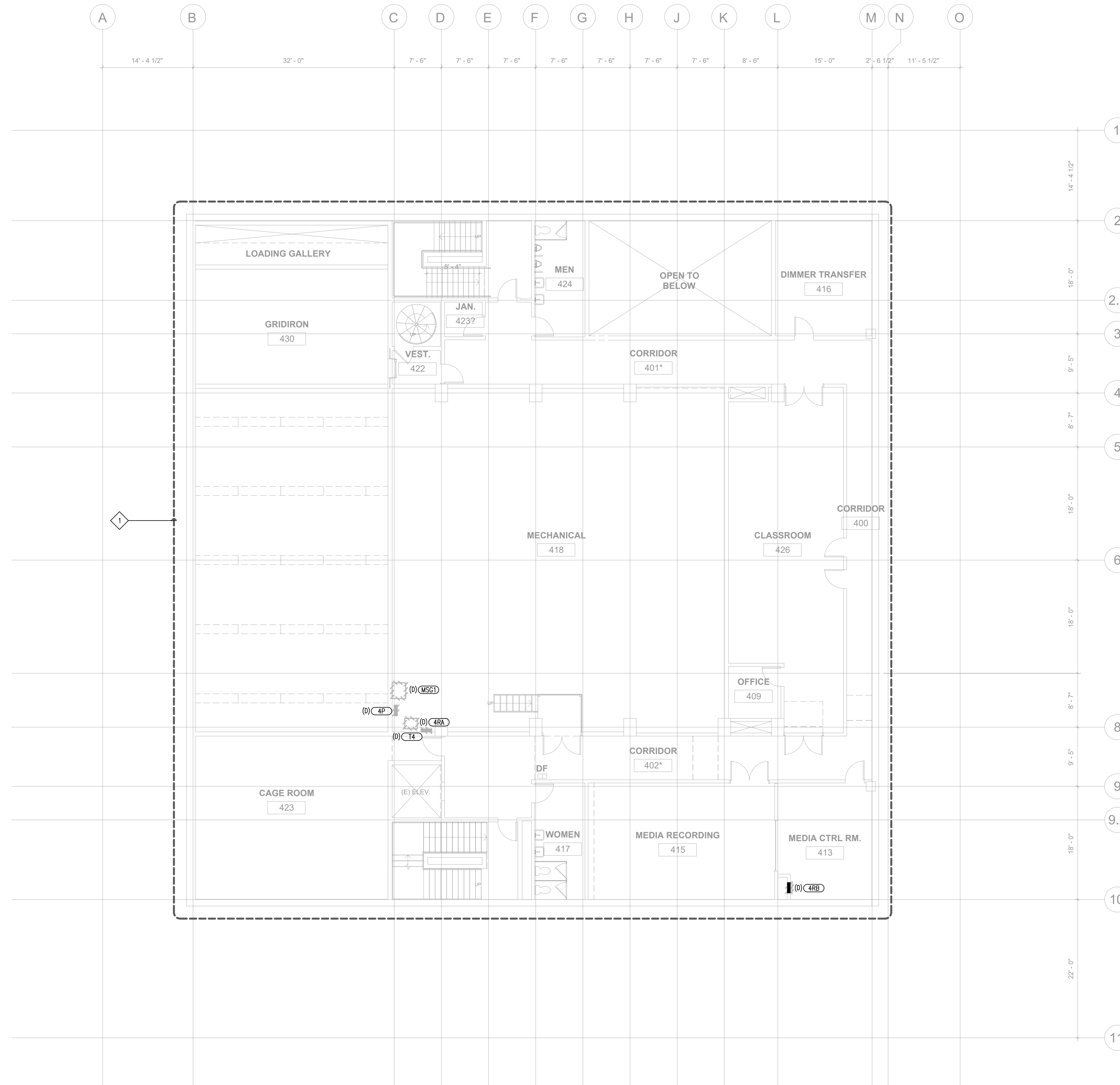
SHEET NUMBER:
E114

GENERAL SHEET NOTES

- A. COORDINATE DEMOLITION WORK WITH ARCHITECT AND BUILDING OWNER PRIOR TO COMMENCEMENT OF WORK.
- B. DEMOLISH EXISTING LIGHTING CONTROL DEVICES, LUMINAIRES, RECEPTACLES, VOICE/DATA OUTLETS, FEEDERS, ETC., AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION AND INDICATED WITH CROSSMARKS ON DRAWINGS. REUSE SPARE CIRCUITS AS MUCH AS POSSIBLE FOR NEW WORK. COORDINATE AND SEQUENCE DEMOLITION WORK WITH PROVISIONS OF CONSTRUCTION DOCUMENT DIVISIONS.
- C. REMOVE EXISTING MATERIALS CONFLICTING WITH REMODEL WORK INDICATED IN THE CONSTRUCTION DOCUMENTS AND SUBJECT TO CONDITIONS INDICATED IN SUCH.
- D. REMOVE ELECTRICAL MATERIALS MOUNTED IN OR ON WALLS AND CEILING TO BE REMOVED AS INDICATED IN ARCHITECTURAL CONSTRUCTION DOCUMENTS.
- E. MAINTAIN IN OPERATION EXISTING SYSTEMS NOT INDICATED FOR REMOVAL IN CONSTRUCTION DOCUMENTS.
- F. THOROUGHLY CLEAN AND RELAMP EXISTING LUMINAIRES TO REMAIN. REPLACE DAMAGED OR BROKEN LENS AND/OR COMPONENTS.
- G. PROVIDE UPDATED PANEL SCHEDULES THAT IDENTIFY EXISTING CIRCUITS AND NUMBER OF SPARE CIRCUITS AVAILABLE UPON COMPLETION OF DEMOLITION WORK.
- H. VERIFY EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. PROVIDE ADDITIONAL SPLICE BOXES, ETC., AS REQUIRED FOR COMPLETE AND PROPERLY OPERATING SYSTEM. REUSE IN PLACE EXISTING CONDUIT NOT REMOVED DURING DEMOLITION IF SIZED IN ACCORDANCE WITH LATEST EDITION OF THE C.E.C. (CALIFORNIA ELECTRICAL CODE) AND THOROUGHLY CLEANED AND STRIPPED PRIOR TO PULLING NEW WIRES.
- I. OBTAIN COPY OF EXISTING AS-BUILT DRAWINGS PRIOR TO BID.
- J. WHERE REMOVAL OF OUTLET(S) INTERRUPT EXISTING CONDUIT AND/OR CIRCUIT, WALL OR PORTION OF THE CIRCUIT AND RESULTS IN LOSS OF CIRCUIT CONTINUITY, REROUTE, EXTEND AND RECONNECT REMAINING CONDUIT AND/OR CIRCUIT AS REQUIRED TO PROVIDE CONTINUITY OF THE CIRCUIT THAT REMAINS IN SERVICE TO OUTLETS AND EQUIPMENT.
- K. WHERE DRAWINGS INDICATE EXISTING ELECTRICAL EQUIPMENT OR DEVICES TO BE RELOCATED AND/OR REUSED, REFURBISH THEM THOROUGHLY CLEAN SUCH ITEMS. NOTIFY ARCHITECT OF ANY DEFECTS IN SUCH INSTALLATIONS. REPAIR ANY DAMAGE CAUSED BY DEMOLITION OR CONSTRUCTION PERFORMED UNDER THIS CONTRACT.
- L. DISCONNECT AND REMOVE ELECTRICAL DISTRIBUTION EQUIPMENT AS INDICATED ON PLANS. REFER TO ESD1 FOR INFORMATION REGARDING RE-USE OF FEEDER CONDUITS.

SHEET NOTES

1. DISCONNECT AND REMOVE RECEPTACLES, LUMINAIRES, LIGHTING CONTROLS AND ELECTRICAL DEVICES COMPLETE BACK TO SOURCE.



1 LEVEL 4 DEMOLITION PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"

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SHEET TITLE:
**LEVEL 4 DEMOLITION
PLAN - ELECTRICAL**

SHEET NUMBER:
E115

REVISION		
NUMBER	DATE	DESCRIPTION

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DATE:
AUGUST 3, 2020

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CONSTRUCTION**

SHEET TITLE:
**STAGE LEVEL PLAN -
POWER**

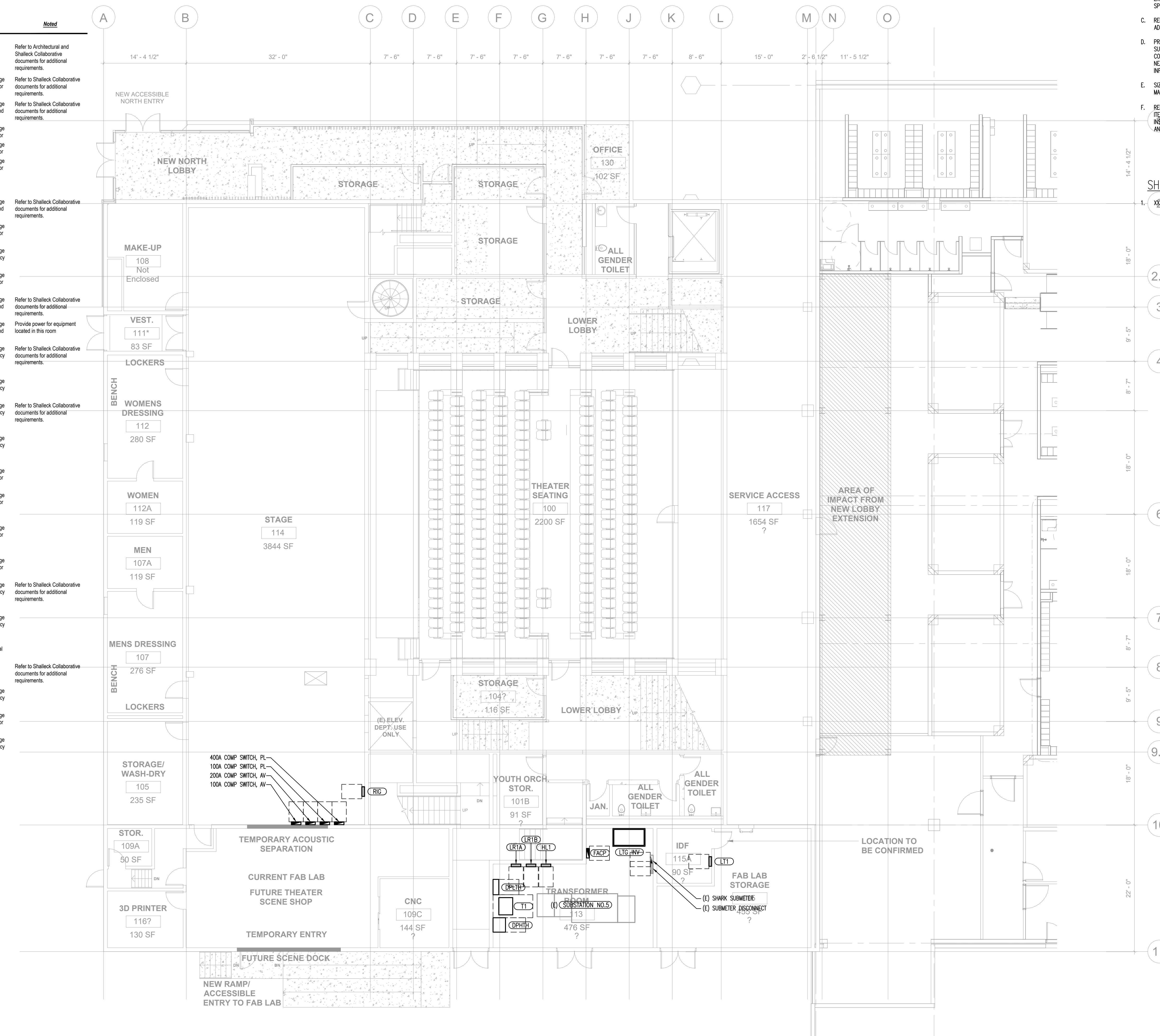
SHEET NUMBER:
E301

GENERAL SHEET NOTES

- A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES, VOICE/DATA OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
- B. IN FINISHED AREAS RUN ALL CONDUITS CONCEALED U.O.N. PAINT ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. REFER TO ARCHITECT SPECIFICATIONS FOR PAINTING REQUIREMENTS.
- C. REFER TO SINGLE LINE DIAGRAMS, EQUIPMENT SCHEDULES, AND DETAILS FOR ADDITIONAL INFORMATION.
- D. PROVIDE 120V-24V TRANSFORMERS AS REQUIRED TO POWER VAV POWER SUPPLIES, BMS CONTROL PANELS, RESTROOM PLUMBING CONTROLS, ACCESS CONTROL SYSTEMS, AND FIRE SMOKE DAMPERS. PROVIDE CIRCUIT FROM NEAREST PANEL, U.O.N. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- E. SIZE FUSES FOR ALL MECHANICAL EQUIPMENT PER APPROVED MANUFACTURERS SHOP DRAWINGS.
- F. REFER TO DATA/TELECOM, AUDIO VISUAL, AND SECURITY PLANS FOR ALL ITEMS, LOCATIONS, DEVICES AND EQUIPMENT TO BE FURNISHED AND INSTALLED BY CONTRACTOR INCLUDING BUT NOT LIMITED TO ALL CONDUITS AND JUNCTION BOXES.

SHEET NOTES

	Power	Lighting	Lighting Control	Notes
100	Seating - Orchestra	---	---	Refer to Architectural and Shalleck Collaborative documents for additional requirements.
100A	AV Equipment Storage	(1) duplex outlet per wall	Back of house lighting, strip LED ty (3), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor Refer to Shalleck Collaborative documents for additional requirements.
	Lower Lobby - South	Assume (1) duplex outlet 20 O.C.	Architectural LED lighting for general / ambient lighting. Assume lighting at \$25/sqft	Wattstopper DLM, low voltage dimmer switch, photocell, and occupancy sensors Refer to Shalleck Collaborative documents for additional requirements.
101	Vestibule	(2) duplex outlet	(4) Recessed LED 3" square downlights, Alphabet NU3 or similar	Wattstopper DLM, low voltage switch and occupancy sensor
	All Gender Toilet	(1) GFCI outlet	Linear LED Wall bracket over vanity light and LED downlight	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
	Janitor	(1) GFCI outlet	Back of house lighting, strip LED ty (2), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
101B	Chinese Youth Orchestra Storage	(1) duplex outlet per wall	Back of house lighting, strip LED ty (2), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch, photocell, and occupancy sensors Provide power for equipment located in this room
	Lower Lobby - North	Assume (1) duplex outlet 20 O.C.	Architectural LED lighting for general / ambient lighting. Assume lighting at \$25/sqft	Wattstopper DLM, low voltage dimmer switch, photocell, and occupancy sensors Refer to Shalleck Collaborative documents for additional requirements.
	Vestibule	(2) duplex outlet	(4) Recessed LED 3" square downlights, Alphabet NU3 or similar	Wattstopper DLM, low voltage switch and occupancy sensor
	Office	(1) quad, (3) duplex, half-controlled receptacles	(1) 8" LED Pendant direct/indirect, Finelle HP2 or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
	Storage	(1) duplex outlet per wall	Back of house lighting, strip LED ty (2), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
	North Lobby	Assume (1) duplex outlet 20 O.C.	Architectural LED lighting for general / ambient lighting. Assume lighting at \$25/sqft	Wattstopper DLM, low voltage dimmer switch, photocell, and occupancy sensors Refer to Shalleck Collaborative documents for additional requirements.
105	Storage/Washer-Dryer	(1) duplex outlet per wall	Back of house lighting, strip LED ty (4), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch, photocell, and occupancy sensors
107	Men's Dressing Room	(8) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements.	(3) 8" LED Pendant direct/indirect, Finelle HP2 or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor Refer to Shalleck Collaborative documents for additional requirements.
107A	Men's Restroom	(2) GFCI duplex convenience outlets.	Linear LED Wall bracket over vanity and (3) recessed LED 3" downlights	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
108	Make-Up	(8) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements.	LED Vanity lighting and (2) 8" LED Pendant direct/indirect, Finelle HP2 or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor Refer to Shalleck Collaborative documents for additional requirements.
109	Shop (Fab Lab)	Coordinate specialty power for equipment with owner. Provide (12) general convenience outlets	Back of house lighting, strip LED ty (12), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
109A	Storage	(1) duplex outlet per wall	Back of house lighting, strip LED ty (2), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
1167	3D Printer Room	Coordinate specialty power for 3D equipment with owner. Provide (8) general convenience outlets	Back of house lighting, strip LED ty (2), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
109C	CNC	Coordinate specialty power for 3D equipment with owner. Provide (8) general convenience outlets	Back of house lighting, strip LED ty (3), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
111*	Vestibule	(2) duplex outlet	(4) Recessed LED 3" square downlights, Alphabet NU3 or similar	Wattstopper DLM, low voltage switch and occupancy sensor
112	Women's Dressing Room	(8) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements.	(3) 8" LED Pendant direct/indirect, Finelle HP2 or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor Refer to Shalleck Collaborative documents for additional requirements.
112A	Women's Restroom	(2) GFCI duplex convenience outlets.	Linear LED Wall bracket over vanity and (3) recessed LED 3" downlights	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
113	Electrical/Transformer	Existing to remain and reconnected to new electrical distribution system	Existing to remain and reconnected to new electrical distribution system	Existing to remain and reconnected to new electrical distribution system
114	Stage	---	---	Refer to Shalleck Collaborative documents for additional requirements.
115	Storage (Fab Lab)	Provide (10) general convenience outlets	Back of house lighting, strip LED ty (8), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
115A	IDF	Refer to low voltage consultant documents for power requirements	Back of house lighting, strip LED ty (2), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
117	Service Access	Assume (1) duplex outlet 20 O.C.	Back of house lighting, strip LED ty (20), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor



1 | STAGE LEVEL PLAN - POWER
SCALE: 1/8" = 1'-0"

REVISION		
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AUGUST 3, 2020

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**NOT FOR
CONSTRUCTION**

SHEET TITLE:
**BASEMENT AND
LOBBY LEVEL PLANS -
POWER**

SHEET NUMBER:
E302

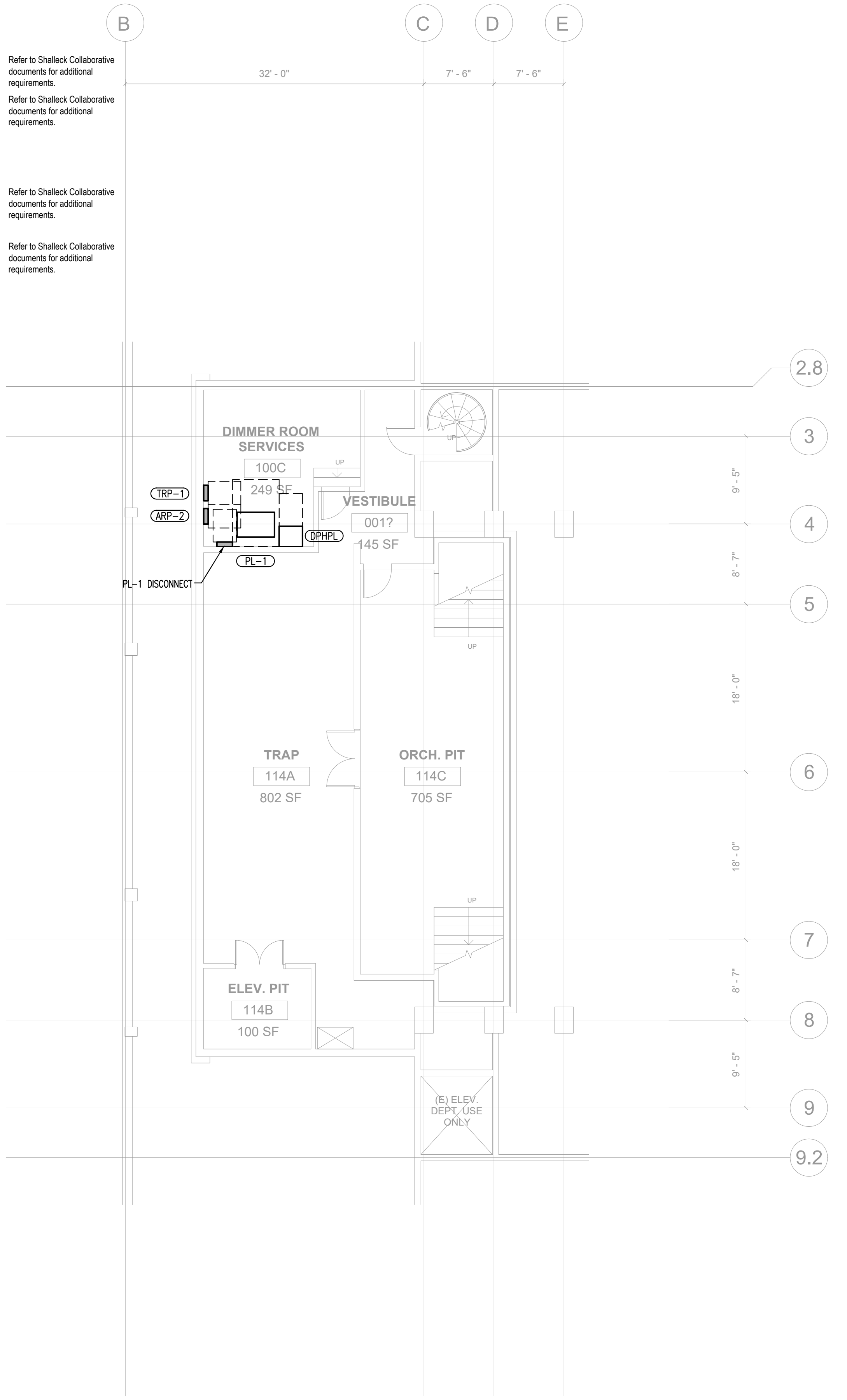
GENERAL SHEET NOTES

- A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES, VOICE/DATA OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
- B. IN FINISHED AREAS RUN ALL CONDUITS CONCEALED U.O.N. PAINT ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. REFER TO ARCHITECT SPECIFICATIONS FOR PAINTING REQUIREMENTS.
- C. REFER TO SINGLE LINE DIAGRAMS, EQUIPMENT SCHEDULES, AND DETAILS FOR ADDITIONAL INFORMATION.
- D. PROVIDE 120V-24V TRANSFORMERS AS REQUIRED TO POWER VAV POWER SUPPLIES, BMS CONTROL PANELS, RESTROOM PLUMBING CONTROLS, ACCESS CONTROL SYSTEMS, AND FIRE SMOKE DAMPERS. PROVIDE CIRCUIT FROM NEAREST PANEL, U.O.N. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- E. SIZE FUSES FOR ALL MECHANICAL EQUIPMENT PER APPROVED MANUFACTURERS SHOP DRAWINGS.
- F. REFER TO DATA/TELECOM, AUDIO VISUAL, AND SECURITY PLANS FOR ALL ITEMS, LOCATIONS, DEVICES AND EQUIPMENT TO BE FURNISHED AND INSTALLED BY CONTRACTOR INCLUDING BUT NOT LIMITED TO ALL CONDUITS AND JUNCTION BOXES.

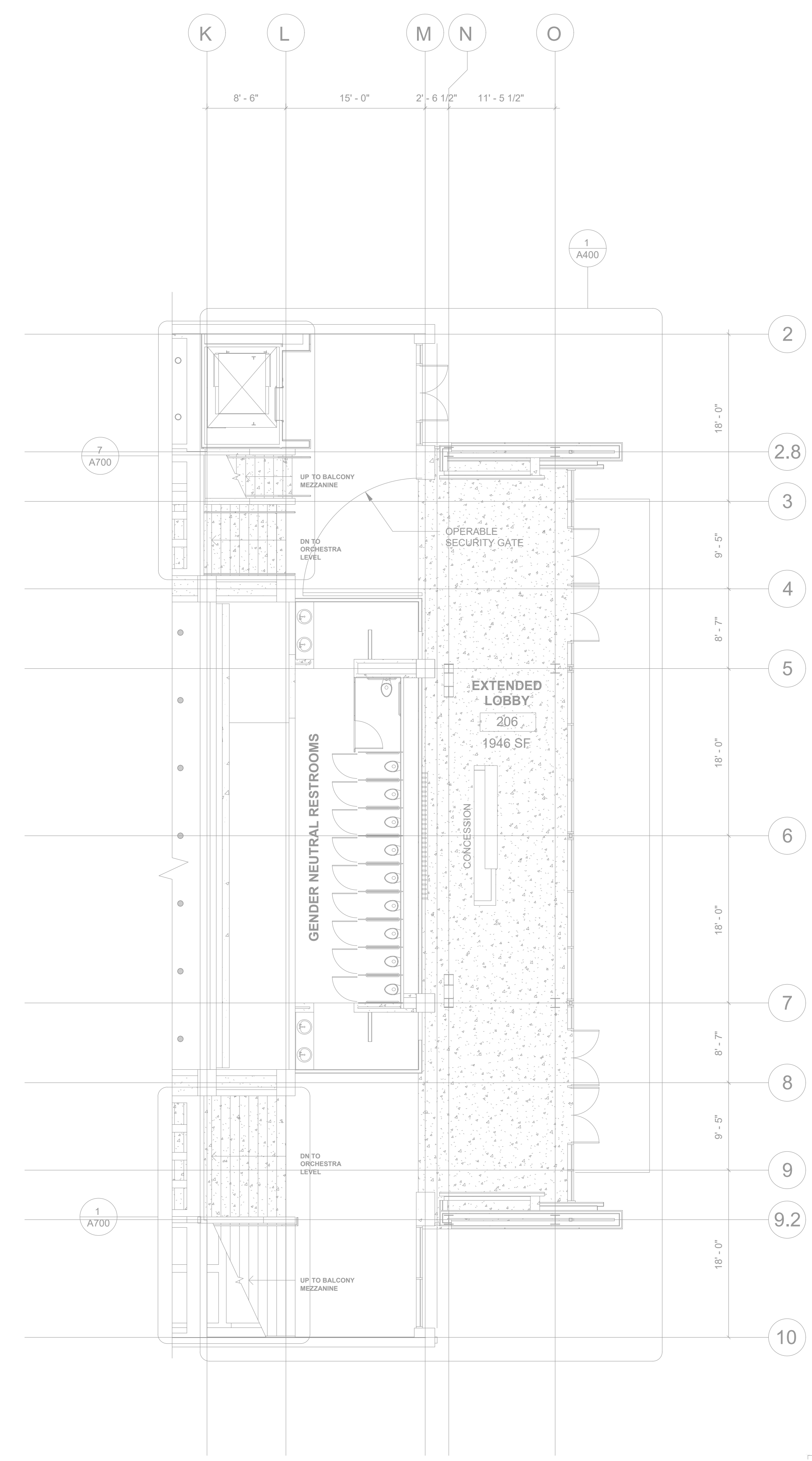
SHEET NOTES

- 1. XXXXX

Room	Power	Lighting	Lighting Control	Notes
ORCHESTRA PIT / TRAP				
0017 Vestibule	(1) duplex outlet	Back of house lighting, strip LED, qty (3), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor	
100C Dimmer Room	(2) duplex outlet per wall	Back of house lighting, strip LED, qty (5), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor	Refer to Shalleck Collaborative documents for additional requirements.
114A Trap	(7) duplex outlets spaced equally along wall	Back of house lighting, strip LED, qty (11), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensors	Refer to Shalleck Collaborative documents for additional requirements.
114B Elevator Machine Room	Reconnect to existing elevator. Existing devices to remain and recommended to new distribution system.	(E) to remain and reconnected to new distribution system	On/Off Toggle switch	
114C Orchestra Pit	(6) duplex outlets spaced equally along wall	Back of house lighting, strip LED, qty (10), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensors	Refer to Shalleck Collaborative documents for additional requirements.
LOBBY				
Extended Lobby	Assume (1) duplex outlet 20' O.C.	Architectural LED lighting for general / ambient lighting. Assume lighting at \$25/sqft	Wattstopper DLM, low voltage dimmer switch, photocell, and occupancy sensors	Refer to Shalleck Collaborative documents for additional requirements.
Gender Neutral Restroom	(4) GFI outlets for vanity, (2) GFI outlets for convenience	Recessed Linear LED slot light above vanity and stalls and (10) recessed LED 3" downlights	Wattstopper DLM, low voltage dimmer switch and occupancy sensor	



2 BASEMENT LEVEL DEAND POWER PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"



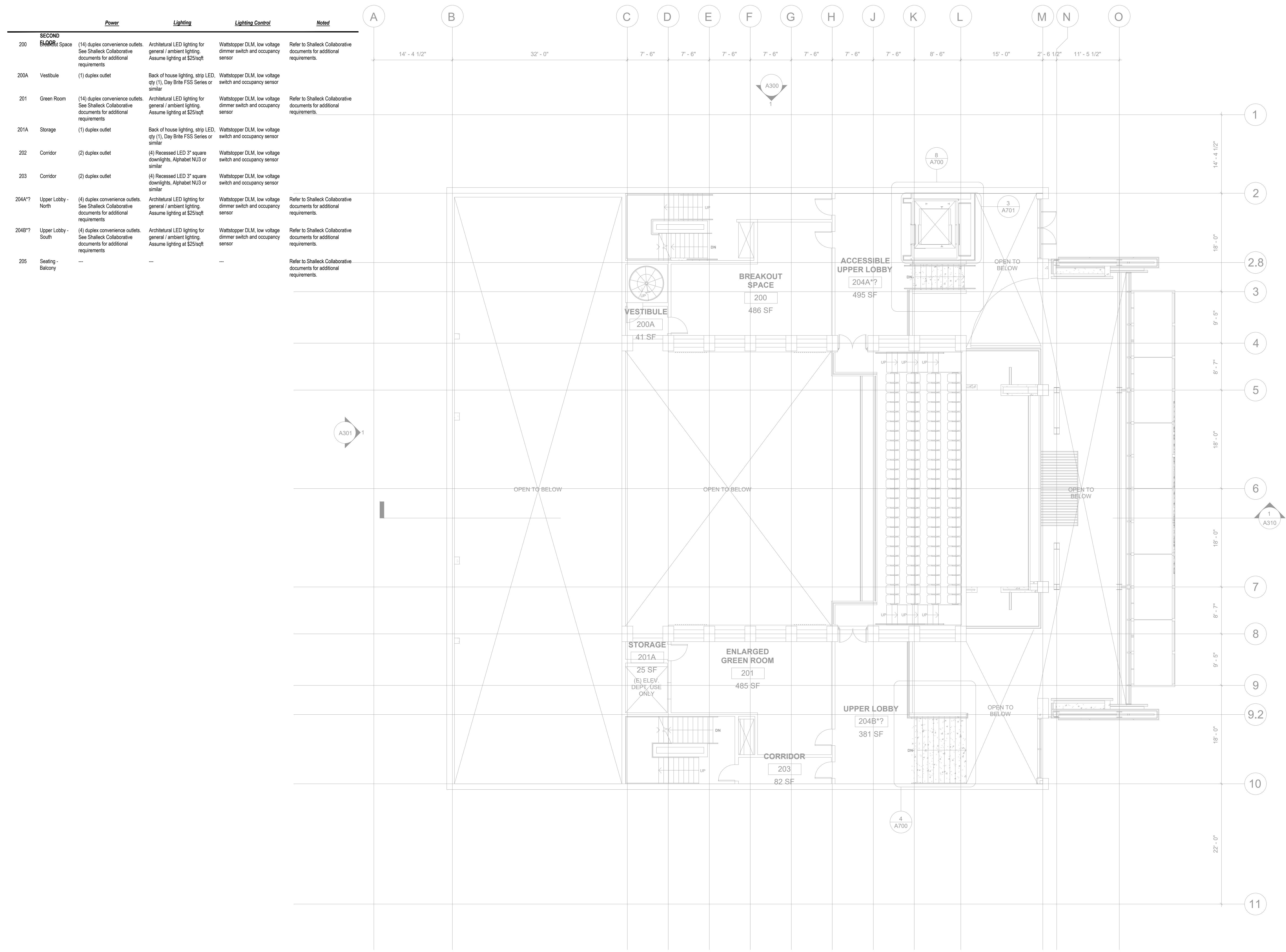
1 LOBBY LEVEL PLAN - POWER
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

- A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES, VOICE/DATA OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
- B. IN FINISHED AREAS RUN ALL CONDUITS CONCEALED U.O.N. PAINT ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT, REFER TO ARCHITECT SPECIFICATIONS FOR PAINTING REQUIREMENTS.
- C. REFER TO SINGLE LINE DIAGRAMS, EQUIPMENT SCHEDULES, AND DETAILS FOR ADDITIONAL INFORMATION.
- D. PROVIDE 120V-24V TRANSFORMERS AS REQUIRED TO POWER VAV POWER SUPPLIES, BMS CONTROL PANELS, RESTROOM PLUMBING CONTROLS, ACCESS CONTROL SYSTEMS, AND FIRE SMOKE DAMPERS. PROVIDE CIRCUIT FROM NEAREST PANEL, U.O.N. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
- E. SIZE FUSES FOR ALL MECHANICAL EQUIPMENT PER APPROVED MANUFACTURERS SHOP DRAWINGS.
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SHEET NOTES

- 1. XXXXX



	Power	Lighting	Lighting Control	Notes
200	SECOND FLOOR Space (14) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements.	Architectural LED lighting for general / ambient lighting. Assume lighting at 25sq/ft.	Wattstopper DLM, low voltage dimmer switch and occupancy sensor.	Refer to Shalleck Collaborative documents for additional requirements.
200A	Vestibule (1) duplex outlet.	Back of house lighting, strip LED. Qty (1), Day Brite FSS Series or similar.	Wattstopper DLM, low voltage switch and occupancy sensor.	
201	Green Room (14) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements.	Architectural LED lighting for general / ambient lighting. Assume lighting at 25sq/ft.	Wattstopper DLM, low voltage dimmer switch and occupancy sensor.	Refer to Shalleck Collaborative documents for additional requirements.
201A	Storage (1) duplex outlet.	Back of house lighting, strip LED. Qty (1), Day Brite FSS Series or similar.	Wattstopper DLM, low voltage switch and occupancy sensor.	
202	Corridor (2) duplex outlet.	(4) Recessed LED 3" square downlights, Alphabet NU3 or similar.	Wattstopper DLM, low voltage switch and occupancy sensor.	
203	Corridor (2) duplex outlet.	(4) Recessed LED 3" square downlights, Alphabet NU3 or similar.	Wattstopper DLM, low voltage switch and occupancy sensor.	
204A??	Upper Lobby - North (4) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements.	Architectural LED lighting for general / ambient lighting. Assume lighting at 25sq/ft.	Wattstopper DLM, low voltage dimmer switch and occupancy sensor.	Refer to Shalleck Collaborative documents for additional requirements.
204B??	Upper Lobby - South (4) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements.	Architectural LED lighting for general / ambient lighting. Assume lighting at 25sq/ft.	Wattstopper DLM, low voltage dimmer switch and occupancy sensor.	Refer to Shalleck Collaborative documents for additional requirements.
205	Seating - Balcony			Refer to Shalleck Collaborative documents for additional requirements.

1 LEVEL 2 PLAN - POWER
SCALE: 1/8" = 1'-0"

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
100% SCHEMATIC DESIGN
DATE:
AUGUST 3, 2020

STAMP:
NOT FOR CONSTRUCTION

SHEET TITLE:
LEVEL 2 PLAN - POWER

SHEET NUMBER:
E303

GENERAL SHEET NOTES

- A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES, VOICE/DATA OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
- B. IN FINISHED AREAS RUN ALL CONDUITS CONCEALED U.O.N. PAINT ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. REFER TO ARCHITECT SPECIFICATIONS FOR PAINTING REQUIREMENTS.
- C. REFER TO SINGLE LINE DIAGRAMS, EQUIPMENT SCHEDULES, AND DETAILS FOR ADDITIONAL INFORMATION.
- D. PROVIDE 120V-24V TRANSFORMERS AS REQUIRED TO POWER VAV POWER SUPPLIES, BMS CONTROL PANELS, RESTROOM PLUMBING CONTROLS, ACCESS CONTROL SYSTEMS AND FIRE SMOKE DAMPERS. PROVIDE CIRCUIT FROM NEAREST PANEL, U.O.N. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
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SHEET NOTES

- 1. XXXXX

PROJECT:
LANEY COLLEGE THEATER

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
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TEL: (510) 676-2591

FIRE AND LIFE SAFETY CONSULTANT:
HYT CORPORATION
3498 CLAYTON ROAD, SUITE #101
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LOW VOLTAGE:
GUIDEPOST SOLUTIONS
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SPECIFICATIONS:
TOPFLIGHT SPECS
49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
TEL: (415) 546-6033

REVISION		
NUMBER	DATE	DESCRIPTION

ISSUE:
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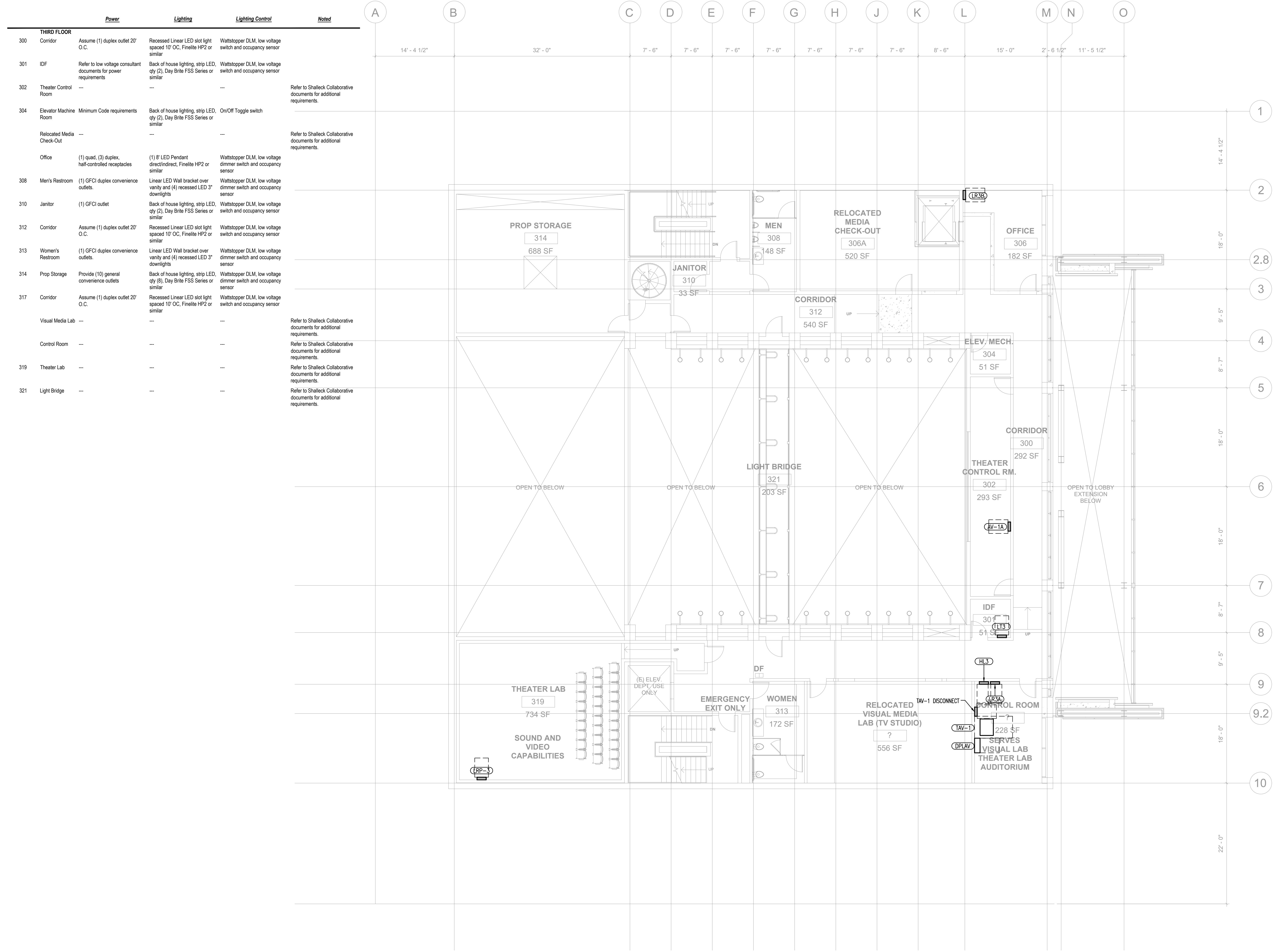
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SHEET TITLE:
LEVEL 3 PLAN - POWER

SHEET NUMBER:
E304



1 LEVEL 3 PLAN - POWER
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

- A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES, VOICE/DATA OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
- B. IN FINISHED AREAS RUN ALL CONDUITS CONCEALED U.O.N. PAINT ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. REFER TO ARCHITECT SPECIFICATIONS FOR PAINTING REQUIREMENTS.
- C. REFER TO SINGLE LINE DIAGRAMS, EQUIPMENT SCHEDULES, AND DETAILS FOR ADDITIONAL INFORMATION.
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SHEET NOTES

- 1. XXXXX

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LANEY COLLEGE THEATER

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

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SPECIFICATIONS:
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49 GEARY STREET, SUITE 230
SAN FRANCISCO, CA 94108
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REVISION		
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ISSUE:
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DATE:
AUGUST 3, 2020

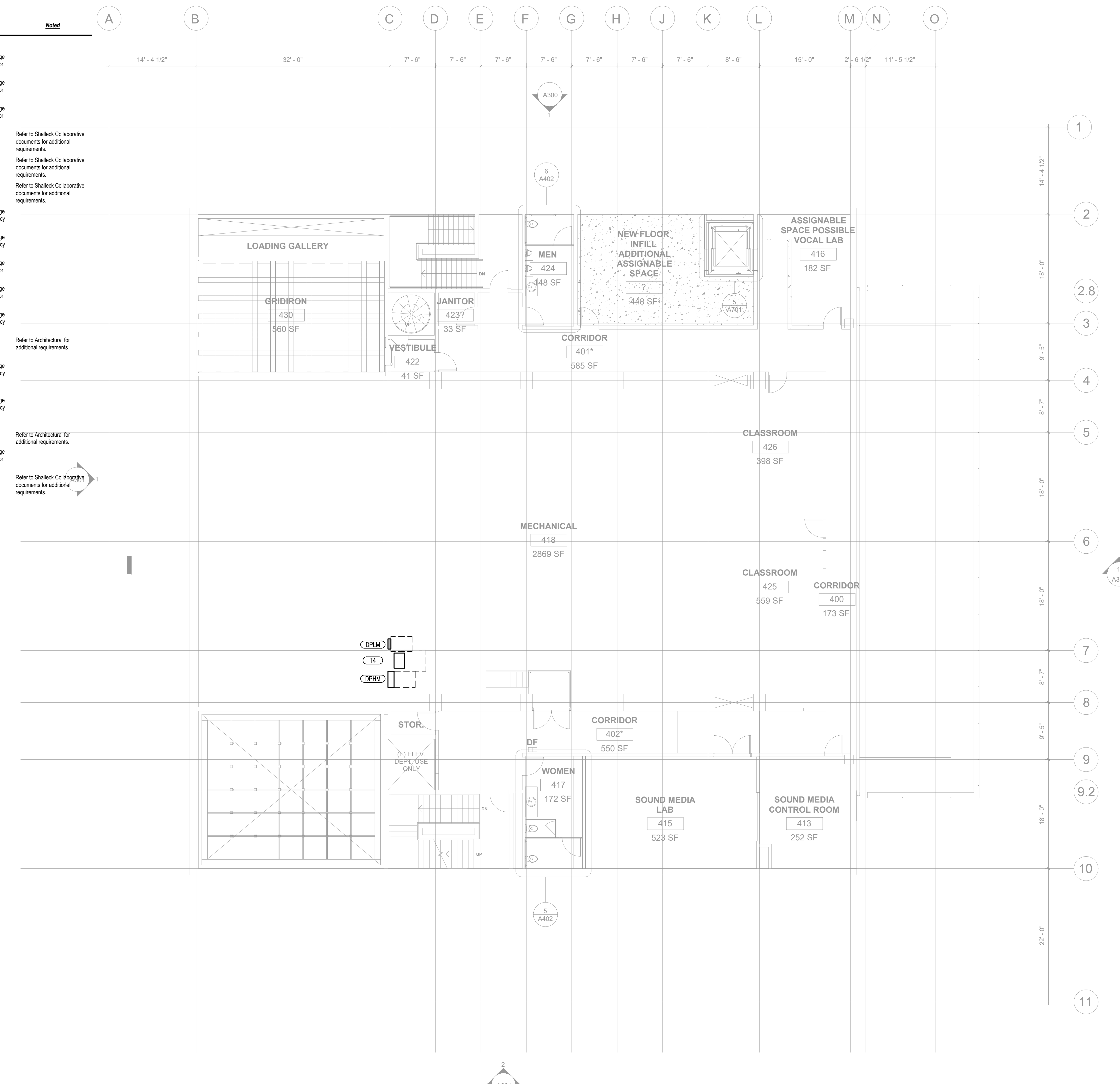
STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:
LEVEL 4 PLAN - POWER

SHEET NUMBER:
E305

	Power	Lighting	Lighting Control	Notes
400	Corridor	Assume (1) duplex outlet 20' O.C.	Recessed Linear LED slot light spaced 10' O.C., Finelite HP2 or similar	Wattstopper DLM, low voltage switch and occupancy sensor
401*	Corridor	Assume (1) duplex outlet 20' O.C.	Recessed Linear LED slot light spaced 10' O.C., Finelite HP2 or similar	Wattstopper DLM, low voltage switch and occupancy sensor
402*	Corridor	Assume (1) duplex outlet 20' O.C.	Recessed Linear LED slot light spaced 10' O.C., Finelite HP2 or similar	Wattstopper DLM, low voltage switch and occupancy sensor
413	Sound Media Control Room	---	---	Refer to Shalleck Collaborative documents for additional requirements.
415	Sound Media Lab	---	---	Refer to Shalleck Collaborative documents for additional requirements.
416	Possible Vocal Lab	---	---	Refer to Shalleck Collaborative documents for additional requirements.
417	Women's Restroom	(1) GFCI duplex convenience outlets.	Linear LED Wall bracket over vanity and (4) recessed LED 3" downlights	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
418	Mechanical	Provide (12) general convenience outlets	Back of house lighting, strip LED, qty (16), Day Brite FSS Series or similar	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
422	Vestibule	(1) duplex outlet	Back of house lighting, strip LED, qty (2), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
423*	Janitor	(1) GFCI outlet	Back of house lighting, strip LED, qty (2), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
424	Men's Restroom	(1) GFCI duplex convenience outlets.	Linear LED Wall bracket over vanity and (4) recessed LED 3" downlights	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
	Additional Assignable Space	---	---	Refer to Architectural for additional requirements.
425	Classroom	(12) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements	Architectural LED lighting for general / ambient lighting. Assume lighting at 25sq/ft requirements	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
426	Classroom	(12) duplex convenience outlets. See Shalleck Collaborative documents for additional requirements	Architectural LED lighting for general / ambient lighting. Assume lighting at 25sq/ft requirements	Wattstopper DLM, low voltage dimmer switch and occupancy sensor
427*	Cage Room	---	---	Refer to Architectural for additional requirements.
	Storage	(1) duplex outlet	Back of house lighting, strip LED, qty (1), Day Brite FSS Series or similar	Wattstopper DLM, low voltage switch and occupancy sensor
430	Gridiron	---	---	Refer to Shalleck Collaborative documents for additional requirements.



1 | LEVEL 4 PLAN - POWER
SCALE: 1/8" = 1'-0"

REVISION

NUMBER	DATE	DESCRIPTION

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DATE:
AUGUST 3, 2020

STAMP:
**NOT FOR
CONSTRUCTION**

SHEET TITLE:
**SINGLE LINE
DIAGRAM -
DEMOLITION**

SHEET NUMBER:
E501

LINE TYPES

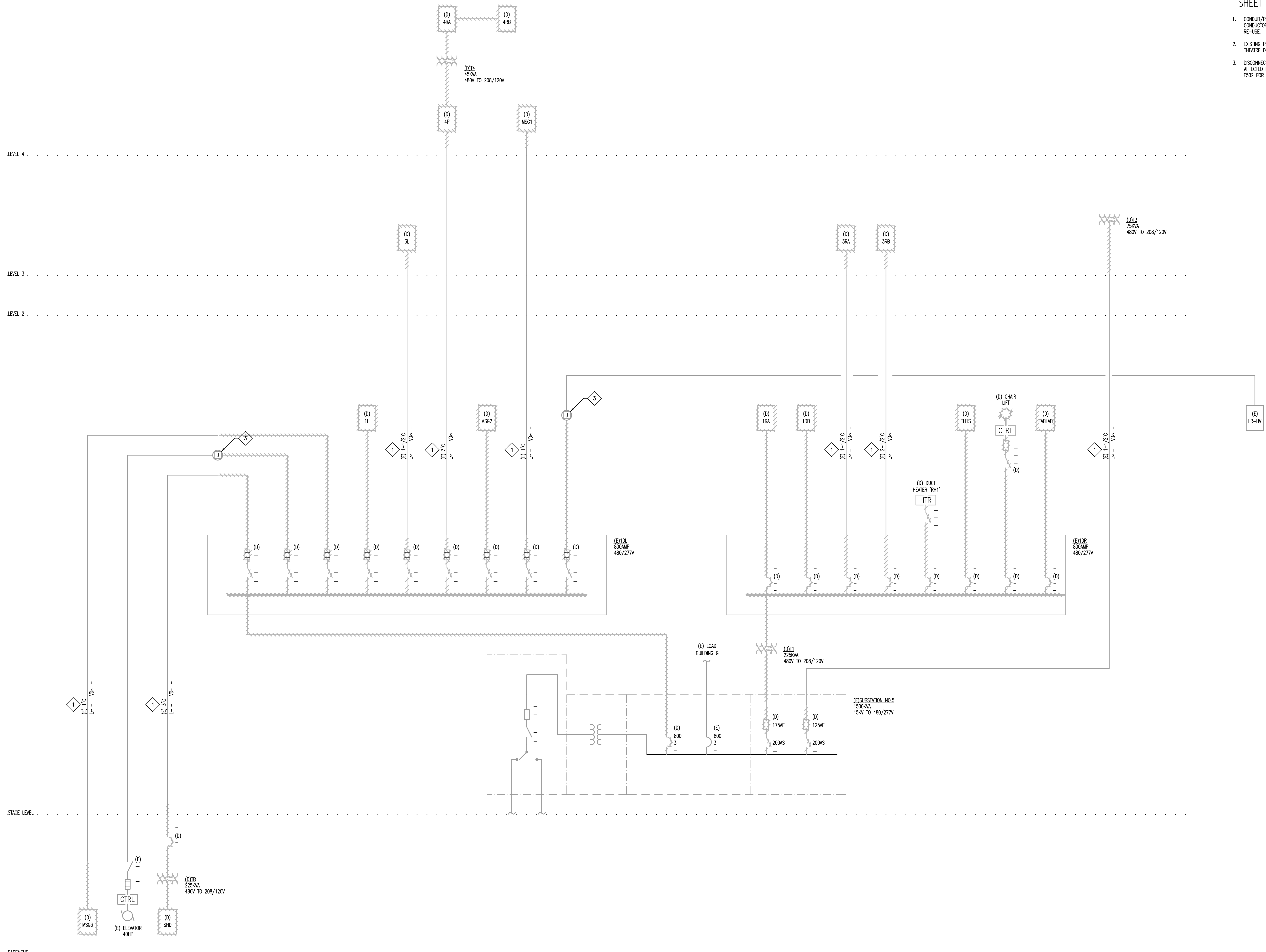
(---)	EXISTING EQUIPMENT / RACEWAYS TO REMAIN, (E)
(---)	EXISTING EQUIPMENT / RACEWAYS TO BE REMOVED, (D)
(---)	NEW EQUIPMENT / RACEWAYS

GENERAL SHEET NOTES

A. INFORMATION SHOWN ON THIS SINGLE LINE DIAGRAM HAS BEEN COMPILED FROM RECORD DRAWINGS DATED SEPTEMBER 1975 AND VISUAL FIELD VERIFICATION PERFORMED BY RIJA. CONTRACTOR TO FIELD VERIFY INFORMATION SHOWN AND REPORT DISCREPANCIES TO ENGINEER.

SHEET NOTES

- CONDUIT/PATHWAY TO REMAIN AND RE-USED. DISCONNECT AND REMOVE CONDUCTORS COMPLETE. THOROUGHLY CLEAN CONDUITS AND INSPECT FOR RE-USE.
- EXISTING PANEL FOR LOCKER ROOM TO REMAIN AND RECONNECTED TO NEW THEATRE DISTRIBUTION SYSTEM UNDER NEW WORK.
- DISCONNECT FEEDER AND REMOVE BACK TO NEAREST JUNCTION BOX NOT AFFECTED BY DEMOLITION WORK. TERMINATE FEEDER AT JUNCTION BOX. SEE E502 FOR NEW WORK.



REVISION		
NUMBER	DATE	DESCRIPTION

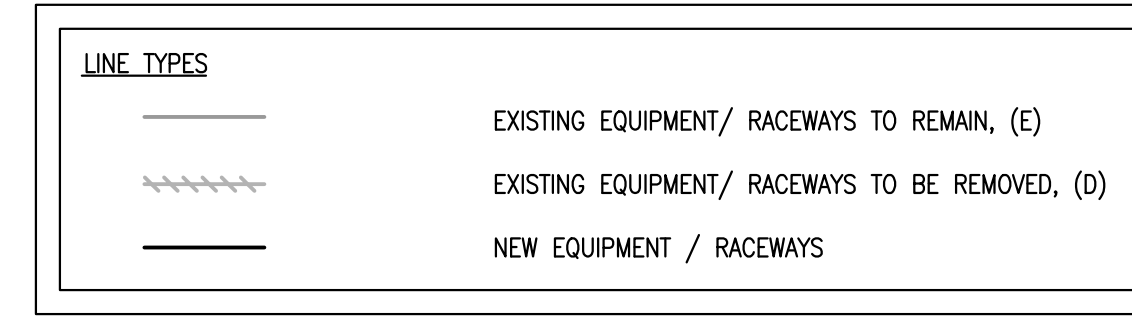
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DATE:
AUGUST 3, 2020

STAMP:
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SHEET TITLE:
**SINGLE LINE
DIAGRAM - NEW
WORK**

SHEET NUMBER:
E502

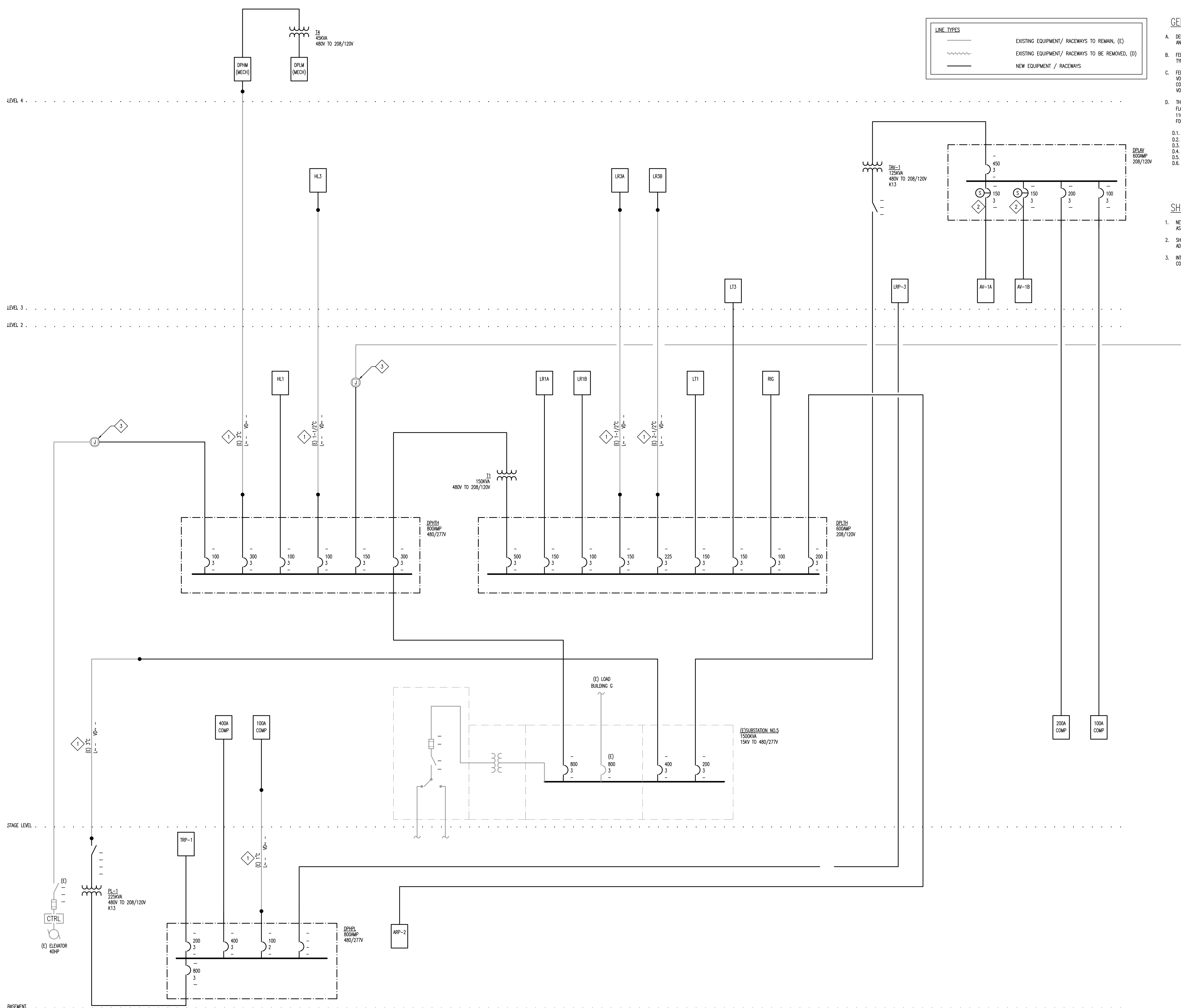


GENERAL SHEET NOTES

- DERATE WIRE SIZE PER NEC FOR NUMBER OF CURRENT CARRYING WIRES AND FOR AMBIENT TEMPERATURE OF 86F
- FEEDERS SHOWN ARE COPPER CONDUCTORS WITH THHN/THWN INSULATION TYPE UNLESS NOTED OTHERWISE.
- FEEDER LENGTH AND VOLTAGE DROP CALCULATIONS ARE FOR ESTIMATING VOLTAGE DROP AND SHORT CIRCUIT COORDINATION PURPOSES ONLY. CONTRACTOR SHALL USE ACTUAL FEEDER LENGTHS TO CALCULATE ACTUAL VOLTAGE DROP AND SHORT CIRCUIT VALUES.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL PERMANENTLY ATTACHED ARC FLASH HAZARD LABELS FOR ALL POWER DISTRIBUTION EQUIPMENT (SEE 110.16). LABELS SHALL BE PROFESSIONALLY PRINTED AND INCLUDE THE FOLLOWING INFORMATION:
 - EXISTENCE OF ARC FLASH HAZARD, FLASH PROTECTION BOUNDARY
 - INCIDENT ENERGY IN CAL/CM2 APPROPRIATE FOR GEAR PER IEEE1584
 - PPE CLOTHING REQUIRED
 - VOLTAGE SHOCK HAZARD
 - LIMITED SHOCK APPROACH BOUNDARY
 - RESTRICTED SHOCK APPROACH BOUNDARY

SHEET NOTES

- NEW CONDUCTORS IN EXISTING RACEWAY. EXTEND CONDUITS END-TO-END AS REQUIRED TO MAKE COMPLETE CONNECTIONS.
- SHUNT TRIP DEVICE ACTIVATED UPON FIRE ALARM. REFER TO FA SERIES FOR ADDITIONAL INFORMATION.
- INTERCEPT AND EXTEND EXISTING FEEDER TO NEW SOURCE. CONNECT COMPLETE TO PLACE BACK INTO SERVICE. MATCH EXISTING FEEDER SIZE.



1 SINGLE LINE DIAGRAM - NEW WORK
SCALE: NTS

PROJECT:

**LANEY COLLEGE
THEATER**

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
ARCHITECT:
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SPECIFICATIONS:
TOPLIGHT SPECS
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REVISION

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ISSUE:
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DATE:
AUGUST 3, 2020

STAMP:

**NOT FOR
CONSTRUCTION**

SHEET TITLE:
SCHEDULES

SHEET NUMBER:

FEEDER SCHEDULE (COPPER)			
2 WIRE + GND			
FEEDER TAG	WIRE AND CONDUIT	MAXIMUM CIRCUIT BREAKER	ACTUAL FEEDER CAPACITY
F20-2	2 #12, 1#12 GND IN 3/4" C	20	20
F30-2	2 #10, 1#10 GND IN 3/4" C	30	30
F40-2	2 #8, 1#10 GND IN 3/4" C	40	40
F50-2	2 #6, 1#8 GND IN 3/4" C	60	55
F70-2	2 #4, 1#8 GND IN 1" C	70	70
F90-2	2 #2, 1#8 GND IN 1" C	90	85
F125-2	2 #1, 1#8 GND IN 1-1/4" C	125	130
3 WIRE + GND			
F20-3	3 #12, 1#12 GND IN 3/4" C	20	20
F30-3	3 #10, 1#10 GND IN 3/4" C	30	30
F40-3	3 #8, 1#10 GND IN 1" C	40	40
F50-3	3 #6, 1#8 GND IN 1" C	60	55
F70-3	3 #4, 1#8 GND IN 1-1/4" C	70	70
F90-3	3 #2, 1#8 GND IN 1-1/4" C	90	95
F125-3	3 #1, 1#8 GND IN 1-1/2" C	125	130
F150-3	3 #1/0, 1#8 GND IN 1-1/2" C	150	150
F175-3	3 #0, 1#8 GND IN 2" C	175	175
F200-3	3 #0, 1#8 GND IN 2" C	200	200
F225-3	3 #4/0, 1#4 GND IN 2" C	225/250	230
F250-3	3 #250, 1#4 GND IN 2-1/2" C	250/300	255
F300-3	3 #350, 1#4 GND IN 3" C	300/350	310
F350-3	3 #500, 1#2 GND IN 4" C	350/400	380
F400-3	2 SETS (3 #30, 1#2 GND IN 2" C)	400	400
F450-3	2 SETS (3 #40, 1#1 GND IN 2-1/2" C)	450/500	460
F500-3	2 SETS (3 #250, 1#1 GND IN 2-1/2" C)	500/600	510
F600-3	2 SETS (3 #500, 1#1 GND IN 3" C)	600/700	620
F700-3	2 SETS (3 #500, 1#1/0 GND IN 3" C)	700/800	750
F800-3	3 SETS (3 #550, 1#1/0 GND IN 3" C)	800	930
F1000-3	3 SETS (3 #500, 1#2/0 GND IN 4" C)	1000	1140
F1200-3	4 SETS (3 #550, 1#3/0 GND IN 3" C)	1200	1240
F1500-3	5 SETS (3 #500, 1#4/0 GND IN 3" C)	1500	1550
F1600-3	5 SETS (3 #500, 1#4/0 GND IN 3" C)	1500	1500
F2000-3	6 SETS (3 #500, 1#250 GND IN 4" C)	2000	2280
4 WIRE + GND			
F20-4	4 #12, 1#12 GND IN 3/4" C	20	20
F30-4	4 #10, 1#10 GND IN 3/4" C	30	30
F40-4	4 #8, 1#10 GND IN 1" C	40	40
F50-4	4 #6, 1#8 GND IN 1-1/4" C	60	55
F70-4	4 #4, 1#8 GND IN 1-1/4" C	70	70
F90-4	4 #2, 1#8 GND IN 1-1/2" C	90	95
F125-4	4 #1, 1#8 GND IN 2" C	125	130
F150-4	4 #1/0, 1#8 GND IN 2" C	150	150
F175-4	4 #0, 1#8 GND IN 2" C	175	175
F200-4	4 #0, 1#8 GND IN 2-1/2" C	200	200
F225-4	4 #4/0, 1#4 GND IN 2-1/2" C	225/250	230
F250-4	4 #250, 1#4 GND IN 3" C	250/300	255
F300-4	4 #350, 1#4 GND IN 3" C	300/350	310
F350-4	4 #500, 1#2 GND IN 4" C	350/400	380
F400-4	2 SETS (4 #30, 1#2 GND IN 2-1/2" C)	400	400
F450-4	2 SETS (4 #40, 1#1 GND IN 2-1/2" C)	450/500	460
F500-4	2 SETS (4 #250, 1#1 GND IN 3" C)	500/600	510
F600-4	2 SETS (4 #500, 1#1 GND IN 3" C)	600/700	620
F700-4	2 SETS (4 #500, 1#1/0 GND IN 3" C)	700/800	750
F800-4	3 SETS (4 #550, 1#1/0 GND IN 3" C)	800	930
F1000-4	3 SETS (4 #500, 1#2/0 GND IN 4" C)	1000	1140
F1200-4	4 SETS (4 #500, 1#3/0 GND IN 3" C)	1200	1240
F1500-4	5 SETS (4 #500, 1#4/0 GND IN 3" C)	1500	1550
F1600-4	5 SETS (4 #500, 1#4/0 GND IN 4" C)	1600	1500
F2000-4	6 SETS (4 #500, 1#250 GND IN 4" C)	2000	2280

TRANSFORMER SCHEDULE					
RATING (KVA)	PRIMARY		SECONDARY		
	PRIMARY OCP	FEEDER TAG	SECONDARY OCP	FEEDER TAG	GND
6	15/3	F20-3	20/3	F20-4	#8
9	20/3	F20-3	30/3	F30-4	#8
15	30/3	F30-3	50/3	F50-4	#8
30	60/3	F70-3	100/3	F125-4	#6
45	80/3	F90-3	150/3	F150-4	#6
75	125/3	F125-3	250/3	F250-4	#2
112.5	200/3	F200-3	400/3	F400-4	#2
150	300/3	F300-3	600/3	F600-4	#10
225	400/3	F400-3	800/3	F700-4	#20
300	500/3	F500-3	1000/3	F1000-4	#30
500	1000/3	F1000-3	1600/3	F1600-4	#40

SUMMARY OF VOLT DROP LIMITS			
CIRCUIT VOLTS (V)	2% VOLTAGE DROP (V)	3% VOLTAGE DROP (V)	TOTAL LOSS (V)
120	2.4	3.6	6.0
208	4.2	6.2	10.4
240	4.8	7.2	12.0
277	5.5	8.3	13.9
480	9.6	14.4	24.0

SUMMARY OF MAXIMUM FEEDER AND BRANCH CIRCUIT LENGTHS											
WIRE (AWG)	CIRCUIT AMPS (A)	MAXIMUM FEEDER LENGTH (ft)					MAXIMUM BRANCH CIRCUIT LENGTH (ft)				
		120V	208V	240V	277V	480V	120V	208V	240V	277V	480V
14	12	39	67	78	90	156	58	101	117	135	233
12	16	46	80	93	107	185	69	120	139	160	278
10	24	48	83	96	111	192	72	125	144	166	288
8	32	57	99	115	132	229	86	149	172	199	344
6	40	73	127	146	169	293	110	190	220	253	439
4	52	89	154	178	206	356	134	232	267	309	535
2	72	103	178	206	237	412	154	267	309	356	617
1/0	96	123	212	245	283	490	184	319	368	424	735
2/0	108	137	238	274	317	549	206	357	412	475	823
4/0	144	183	283	327	377	654	245	425	490	566	980
250	164	170	294	340	392	679	255	441	509	588	1019
300	184	181	314	362	418	725	272	471	543	627	1087
350	200	195	338	390	450	779	292	506	584	675	1169
500	248	224	388	448	517	896	336	582	672	776	1344

FEEDER SCHEDULE NOTES:
 A. CONDUIT SIZES ARE MINIMUM
 B. USE MINIMUM 1" C FOR UNDERGROUND WORK
 C. ABOVE 86 DEG. F AMBIENT, INCREASE WIRE SIZE PER NATIONAL ELECTRICAL CODE
 D. DERATE WIRE SIZE PER NEC FOR MORE THAN THREE CURRENT CARRYING WIRES IN CONDUIT

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SHEET TITLE:
**TELECOM SYMBOLS
LEGEND AND SHEET
INDEX**

SHEET NUMBER:
TC000

DEVICE AND WIRING LEGEND			
SYMBOL	DESCRIPTION	WIRING	NOTES
	WIRELESS ACCESS POINT - INTERIOR	(1) CATEGORY 6 CABLE CMP	
	STANDARD DATA	(2) CATEGORY 6 CABLES CMP	
	WIRELESS ACCESS POINT - EXTERIOR	(1) CATEGORY 6 CABLE CMP	
	WALL PHONE	(1) CATEGORY 6 CABLE CMP	

SHEET LIST	
Sheet Number	Sheet Name
TC000	TELECOM SYMBOLS LEGEND AND SHEET INDEX
TC200	TELECOM LEVEL 0 (BASEMENT) FLOOR PLAN
TC201	TELECOM LEVEL 1 (STAGE) FLOOR PLAN
TC202	TELECOM LEVEL 1.5 (LOBBY) FLOOR PLAN
TC203	TELECOM LEVEL 2 FLOOR PLAN
TC204	TELECOM LEVEL 3 FLOOR PLAN
TC205	TELECOM LEVEL 4 FLOOR PLAN
TC206	TELECOM ROOF FLOOR PLAN
TC301	TELECOM DETAILS
TC401	TELECOM ROOMS, ENLARGED
TC501	TELECOM RISERS

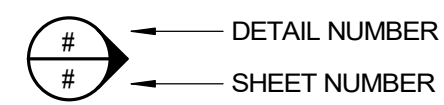
ABBREVIATIONS

A.F.F.	- ABOVE FINISHED FLOOR
AFG	- ABOVE FINISHED GRADER
FBO	- FURNISHED BY OTHERS
N/A	- NOT APPLICABLE
NTS	- NOT TO SCALE
TBD	- TO BE DETERMINED
TR	- TECHNOLOGY ROOM
TER	- TECHNOLOGY EQUIPMENT ROOM
UON	- UNLESS OTHERWISE NOTED
VF	- VERIFY IN FIELD
WP	- WEATHER PROOF

PATHWAY NOTES

- THE J-HOOKS REPRESENTED ON THESE PROJECT DRAWINGS ARE THE MAIN CABLE PATHWAY SUPPORT RUNS ONLY. THESE REPRESENTATIONS DO NOT ACCOUNT FOR THE ADDITIONAL AND REQUIRED CABLING SUPPORT AWAY FROM THE MAIN RUNS. THE INTENT IS FOR THE CONTRACTOR TO PROVIDE AND INSTALL ALL REQUIRED PATHWAYS AND SUPPORTS.

DESCRIPTION OF REFERENCE SYMBOL

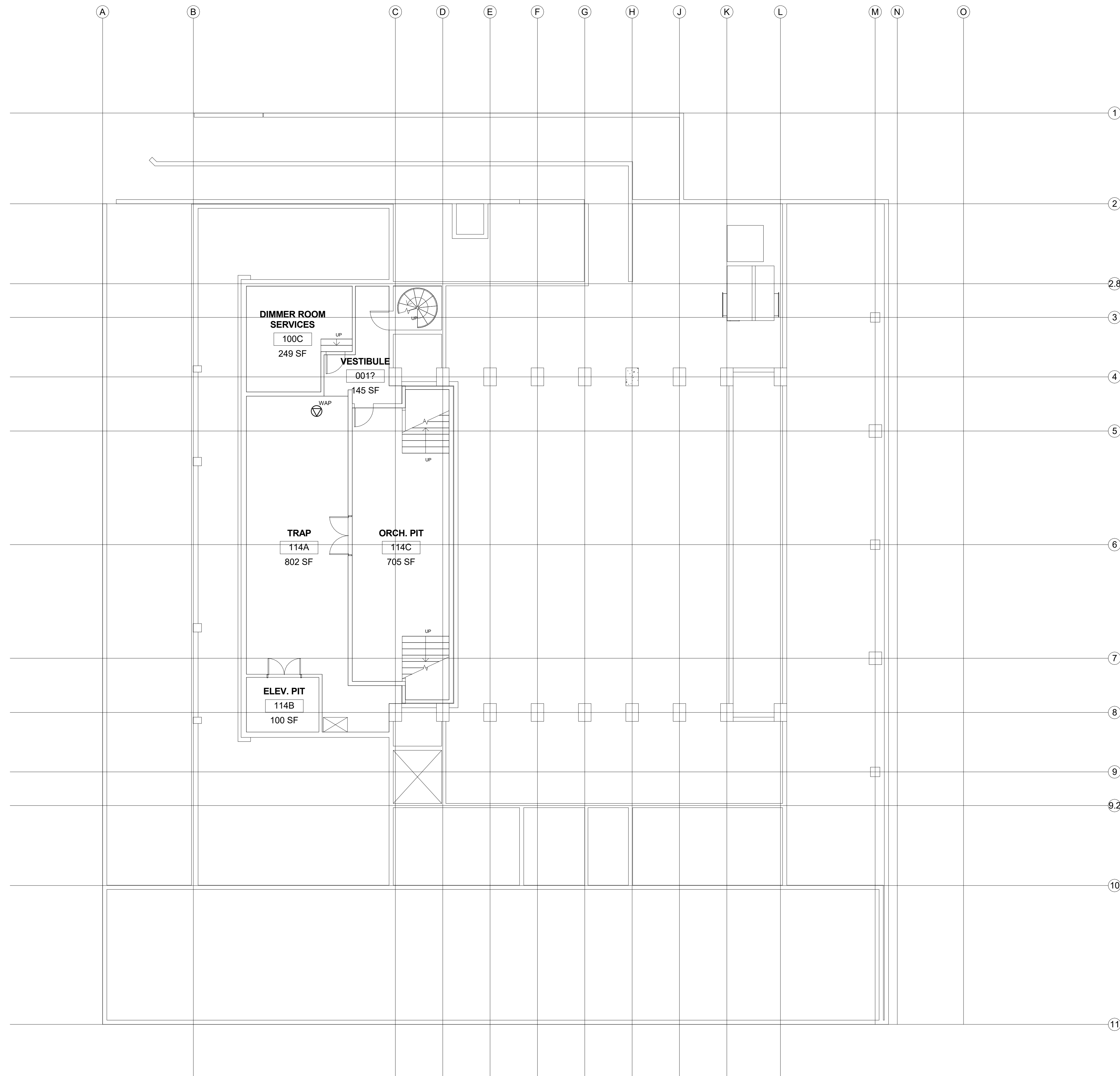


DEVICE LEGEND NOTES

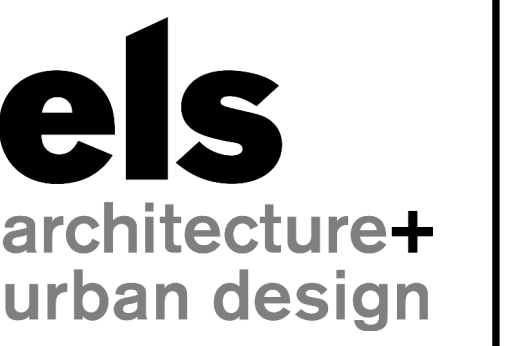
- FLOOR MOUNTED DATA OUTLETS SHALL BE FED VIA MIN. 1 1/4" CONDUIT FROM NEAREST ACCESSIBLE CEILING SPACE. TERMINATED IN TELEDATA OUTLET IN COMBINATION FLOOR BOX. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR FLOOR BOX DETAILS, CABLE QUANTITIES SHOWN IN QUANTITY CHART.
- WALL MOUNTED OUTLETS REQUIRE DUAL GANG BACKBOX WITH SINGLE GANG TRIM AND 1 1/4" CONDUIT STUBBED UP INTO CEILING. BACK BOXES SHALL HAVE MANUFACTURED 1 1/4" KNOCKOUTS TO ACCOMMODATE CONDUIT. CABLE QUANTITIES SHOWN IN QUANTITY CHART.
- DATA CABLING FOR SECURITY CAMERAS. PROVIDE CABLE RUN TO LOCATION WITH 20' SERVICE LOOP IN CEILING. TERMINATE, TEST AND LABEL. CABLE WILL BE CONNECTED (PATCHED) TO SECURITY DEVICE BY SECURITY CONTRACTOR. MAINTAIN THE 295' LENGTH LIMIT AT ALL TIMES.
- DATA CABLING FOR SECURITY DEVICE. PROVIDE CABLE RUN TO LOCATION VIA AVAILABLE COMMUNICATIONS PATHWAYS. IF LOCATION IS OUTSIDE BUILDING PROVIDE CABLE RUN VIA A MINIMUM OF A 1 1/4" UNDERGROUND CONDUIT TO DEVICE. CABLE WILL BE CONNECTED (PATCHED) TO SECURITY DEVICE BY SECURITY CONTRACTOR. TERMINATE, TEST AND LABEL.
-
- CABLE TRAY RUNWAY FOR TELECOMMUNICATIONS SYSTEMS. ALL SECTIONS SHALL BE PROPERLY GROUNDED PER SPECIFICATIONS. NO 90 DEGREE BENDS SHALL BE USED. USE PROPER RADIUS BENDS AT ALL CORNERS AND ANGLED TRANSITIONS.
- ANALOG DATA DROP FOR EMERGENCY PHONE CONNECTION.
- REFER TO AV DRAWINGS FOR ADDITIONAL DETAIL AND MOUNTING COORDINATION WITH AV DEVICE TYPE. COORDINATE WITH AV CONTRACTOR.
-

GENERAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE 2016 EDITION OF THE CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. THE CONTRACTOR SHALL NOT INTERMIX ANY LINE VOLTAGE POWER WIRES (120VAC) WITH ANY LOW VOLTAGE SIGNAL OR CONTROL WIRES IN ANY CONDUIT.
- VERIFY ALL FIELD DIMENSIONS AND CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. VERIFY DIMENSIONS OF ALL OWNER FURNISHED EQUIPMENT & SERVICES TO ENSURE PROPER COORDINATION WITH CONSTRUCTION.
- SCHEDULE ALL WORK, INCLUDING CONSTRUCTION ACCESS AND STORAGE, WITH THE OWNER OR THOSE DESIGNATED BY THE OWNER. THE CONSTRUCTION SCHEDULE SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF CONSTRUCTION.
- ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL EXISTING FACILITIES MUST BE MAINTAINED IN SERVICE AT ALL TIMES (IF APPLICABLE).
- CONTRACTOR SHALL PROVIDE DUST PROTECTION AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA. BROOM CLEAN ALL AREAS EACH DAY.
- WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO THE PUBLIC AND OCCUPANTS OF EXISTING BUILDINGS. INTERRUPTING PERSONNEL AT WORK AS A RESULT OF THIS UNDERTAKING SHALL ALWAYS BE KEPT TO A MINIMUM. CONTRACTOR SHALL PROVIDE TRAFFIC AND SAFETY SIGNS AND BARRIERS WHERE NECESSARY. NO POWER LINE IN THE BUILDING SHALL BE SHUT DOWN UNLESS REQUESTED AND APPROVED BY THE OWNER IN ADVANCE.
- THE CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK ON PREMISES SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING A REASONABLE AND PRUDENT SAFETY PROGRAM INCLUDING, BUT NOT LIMITED TO, THE ISOLATION OF WORK AREAS AND THE PROMPT REMOVAL OF ANY DEBRIS OR TOOLS WHICH MIGHT ENDANGER VISITORS, EMPLOYEES OR OTHER TRADESMEN IN THE FACILITY. ALL ROADS AND WALKWAYS SHALL REMAIN CLEAR AND UNOBSTRUCTED. WHEN NECESSARY ALTERNATE ROUTES MUST BE MAINTAINED, SHOULD UNSAFE CONDITIONS OCCUR.
- COORDINATION WITH OTHER CONTRACTORS:
IF ANY PART OF THE CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THIS CONTRACTOR SHALL INSPECT SUCH OTHER WORK AND PROMPTLY REPORT IN WRITINGS TO THE PROJECT ARCHITECT ANY DEFECTS IN SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR. FAILURE TO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE OF THE OTHER CONTRACTOR'S WORK EXCEPT AS TO DEFECTS WHICH DEVELOP IN OTHER CONTRACTORS' WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK.
- THE CONTRACTOR SHALL ALWAYS MAINTAIN, AT THE JOB SITE, UPDATED "RECORD" DRAWINGS. THESE DRAWINGS SHALL BE AVAILABLE TO THE ARCHITECTS, INSPECTORS OR THE OWNERS UPON REQUEST.
- ALL CABLES AND HANGERS SHALL BE INSTALLED AND SHALL BE CONNECTED IN A UNIFORM MANNER. TRANSPOSING OR CHANGING OF COLOR CODES SHALL NOT BE PERMITTED. WIRE AND CABLE SIZES, NUMBER OF CONDUCTORS, SHIELDING OR OTHER ITEMS LISTED ON THESE DRAWINGS ARE A GUIDE TO THE CORRECT PRODUCT REQUIRED TO ACHIEVE A WORKING SYSTEM AND REPRESENT THE MINIMUM ACCEPTABLE STANDARDS. CONTRACTOR SHALL CONSULT MANUFACTURERS RECOMMENDATION FOR CABLING AND USE WHICHEVER IS GREATER IN QUALITY, QUANTITY, GAUGE, SHIELDING AND NUMBER OF CONDUCTORS.
- VERIFY THE EXACT LOCATION OF ALL EQUIPMENT FURNISHED BY OTHERS PRIOR TO INSTALLING OUTLETS.
- COORDINATE ALL MODULAR FURNITURE TELEDATA WORK WITH FURNITURE SUPPLIER. CONTRACTOR TO PROVIDE APPROPRIATE TERMINATION PRODUCTS.
- A PRE PRINTED VINYL MATERIAL MARKER WRAPPED IN ADHESIVE CLEAR PLASTIC SHALL BE PROVIDED TO THE FOLLOWING:
 - ALL WIRE LEADS WITHIN 2" FROM ANY TERMINAL BLOCK.
 - THE CONTRACTOR SHALL SUBMIT SAMPLES OF MARKERS AND ANY NUMBERING OR MARKING SYSTEM FOR B. REVIEW PRIOR TO IMPLEMENTATION.
- ALL ROUTING OF WIRING IS DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY EXACT ROUTING PRIOR TO INSTALLATION.
- ALL CABLE PATHS SHALL RUN PARALLEL WITH OR AT RIGHT ANGLES TO THE WALLS. IF MORE THAN THREE 90 DEGREE BENDS ARE TO BE USED IN THE CONDUIT RUN, INSERT A PULL BOX. CONTRACTOR SHALL SIZE THE BOX ACCORDINGLY. CONDUITS SHALL BE SIZED AS INDICATED ON THE DRAWINGS OR LARGER AS REQUIRED TO COMPLY WITH CODE. MINIMUM ALLOWABLE CONDUIT SIZE SHALL BE 3/4"
- THE CONTRACTOR SHALL CLEAN AND THOROUGHLY CHECK ALL INSTALLED WORK PRIOR TO CONCEALING OF ARCHITECTURAL FINISHING. CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION. THE CONTRACTOR SHALL ALSO REPAIR OR CLEAN ALL SOILED SURFACES, PAINTED SURFACES OR DAMAGED ARCHITECTURAL FINISHES TO MATCH THE ADJACENT AREA, WHERE REQUIRED. CLEANING, PATCHING OR PAINTING TO BRING THE AFFECTED SURFACE OR FINISH BACK TO ITS ORIGINAL CONDITION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- WHERE THE CONTRACTOR HAS TO CHANGE ANY DEVICE TYPE OR MOUNTING TO SUIT ACTUAL CONDITIONS, THIS SHALL BE DONE WITHOUT EXTRA COST TO THE OWNERS. THIS INCLUDES ANY ADDITIONAL PART TO BE SUPPLIED BY THE CONTRACTOR TO ACCOMPLISH PROPER MOUNTING OF A DEVICE. HOWEVER, IT SHALL BE REQUESTED, SUBMITTED AND APPROVED IN WRITING BEFORE COMMENCING THE WORK.
- COORDINATE ALL TELEPHONE AND DATA (LAN/WAN) INSTALLATION AND CONNECTION REQUIREMENTS WITH THE OWNERS IT DEPARTMENT REPRESENTATIVE AND THE GENERAL CONTRACTOR.
- THE CONTRACTOR SHALL UNDERTAKE THIS WORK IN ITS ENTIRETY IN ACCORDANCE WITH ITS DESIGN AND PURPOSE. ALL WORK SHALL BE CARRIED OUT IN A PROFESSIONAL MANNER WITH MAXIMUM EFFICIENCY AND EXCELLENT WORKMANSHIP.
- IN THE EVENT OF A DISCREPANCY BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, WHICHEVER IS MORE STRINGENT OR CALLS FOR THE HIGHEST QUANTITY OR QUALITY OF MATERIALS HAS PRECEDENCE.
- THE USE OF THE WORD "PROVIDE" IN CONNECTION WITH ANY ITEM SPECIFIED, IS INTENDED TO MEAN THAT SUCH SHALL BE FURNISHED, INSTALLED AND CONNECTED, WHERE SO REQUIRED, EXCEPT AS NOTED OTHERWISE.
- PRIOR TO SUBMITTAL OF BID, NOTIFY, IN WRITING, SPECIFIED MATERIALS OR EQUIPMENT WHICH ARE EITHER UNAVAILABLE OR WILL CAUSE A DELAY IN CONSTRUCTION COMPLETION SCHEDULE.
- SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS FOR ALL DEVICES.
-
- REFER TO SECURITY DRAWINGS FOR TELEDATA REQUIREMENTS FOR SECURITY SYSTEMS.



GENERAL NOTES



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LANEY COLLEGE THEATER
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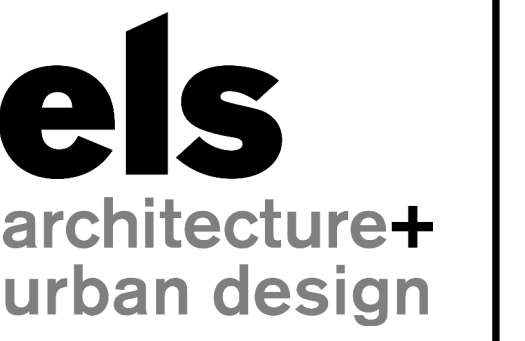
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SHEET TITLE:
TELECOM LEVEL 0 (BASEMENT) FLOOR PLAN

SHEET NUMBER:
TC200

1 TELECOM LEVEL 0 (BASEMENT) FLOOR PLAN
 1/8" = 1'-0"

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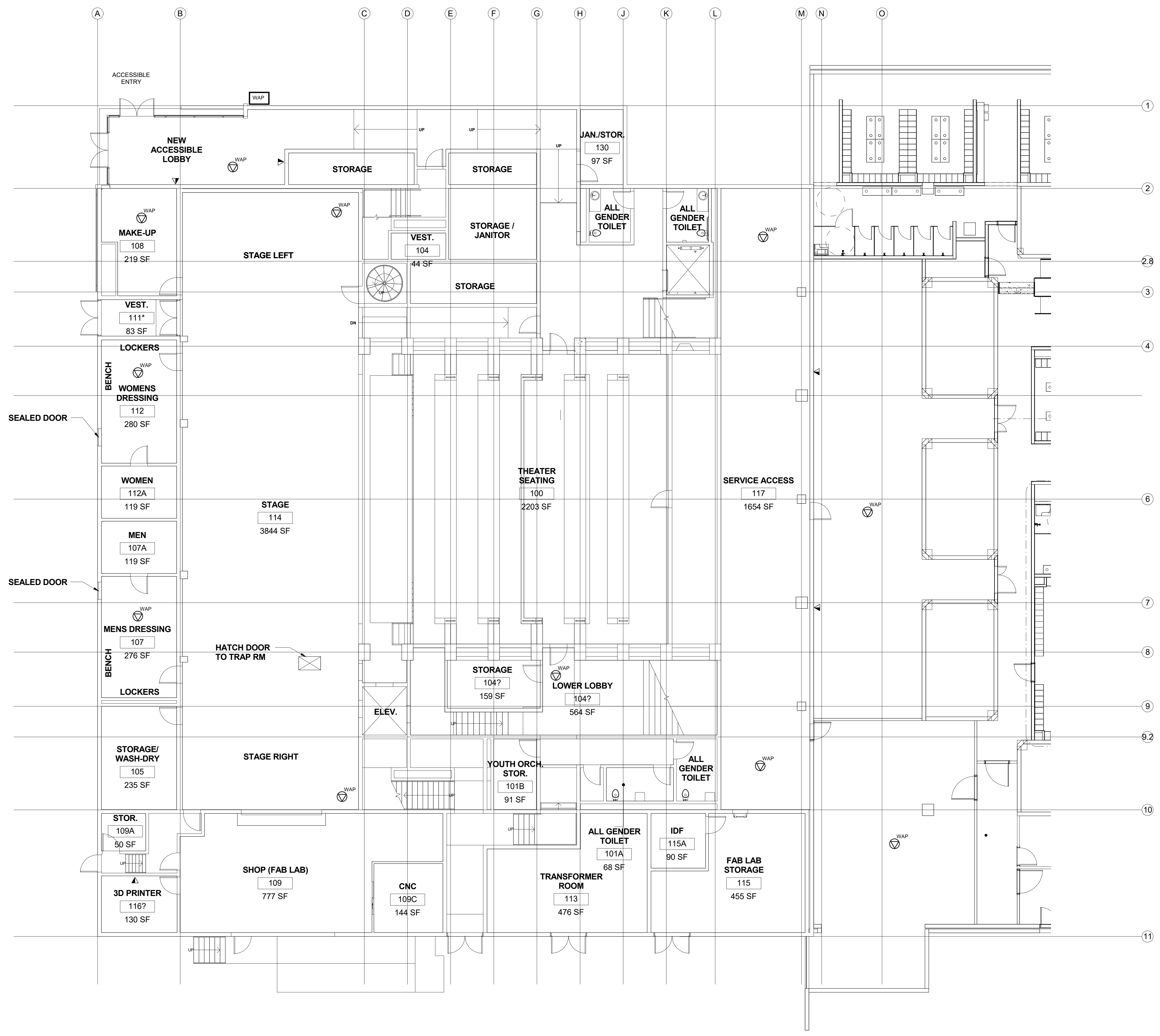
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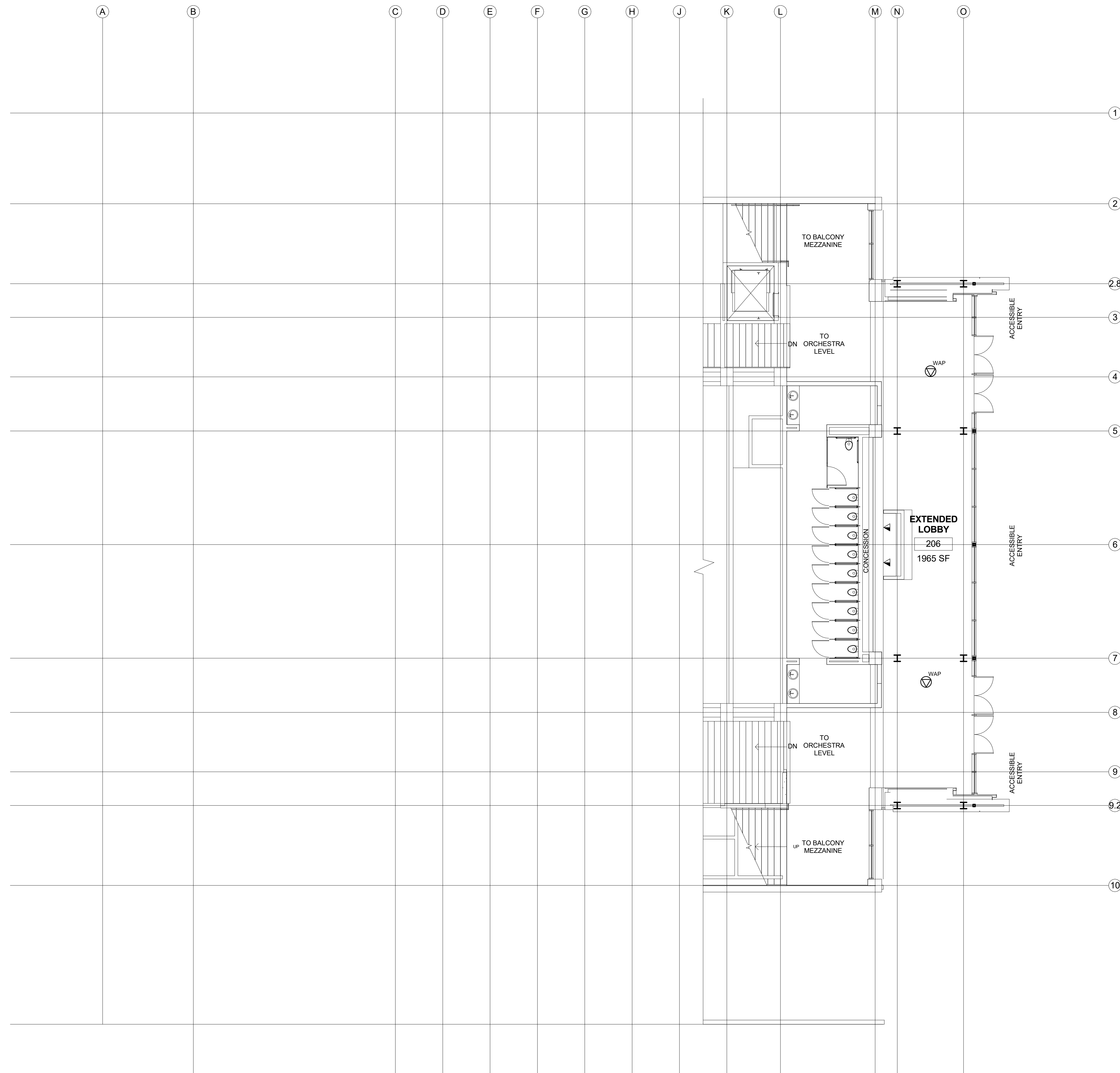
SHEET TITLE:
TELECOM LEVEL 1 (STAGE) FLOOR PLAN

SHEET NUMBER:
TC201

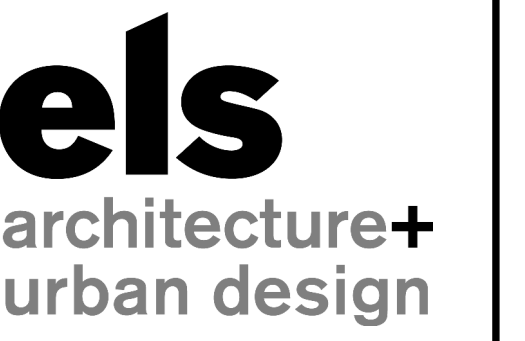


KEYNOTES

1 TELECOM LEVEL 1 (STAGE) FLOOR PLAN
1/8" = 1'-0"



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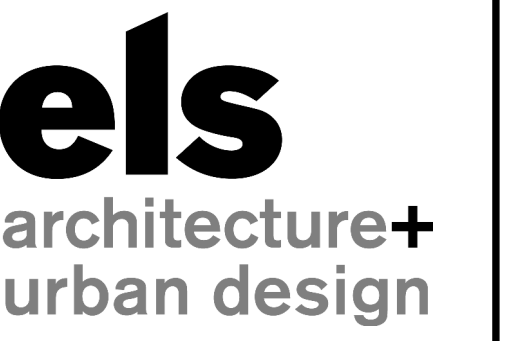
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 CONSTRUCTION**

SHEET TITLE:
**TELECOM LEVEL 1.5
 (LOBBY) FLOOR PLAN**

SHEET NUMBER:
TC202

GENERAL NOTES



PROJECT:
LANEY COLLEGE THEATER
 MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
 ELS ARCHITECTURE AND URBAN DESIGN
 2040 Addison Street
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 TEL: (510) 549-2329

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STRUCTURAL ENGINEER:
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 100 PINE STREET, 6TH FLOOR
 SAN FRANCISCO, CA 94111
 TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
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ELECTRICAL & FIRE ALARM ENGINEER:
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 1620 MONTGOMERY STREET, SUITE 250
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 TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
 HYT CORPORATION
 2498 CLAYTON ROAD, SUITE #101
 CONCORD, CA 94519
 TEL: (925) 681-2731

THEATRE:
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 1553 MARTIN LUTHER KING, JR. WAY
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 TEL: (415) 956-4100

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LOW VOLTAGE:
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 TEL: (510) 268-8373

SPECIFICATIONS:
 TOPFLIGHT SPECS
 49 GEARY STREET, SUITE 230
 SAN FRANCISCO, CA 94108
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KEYNOTES

REVISION		
NUMBER	DATE	DESCRIPTION

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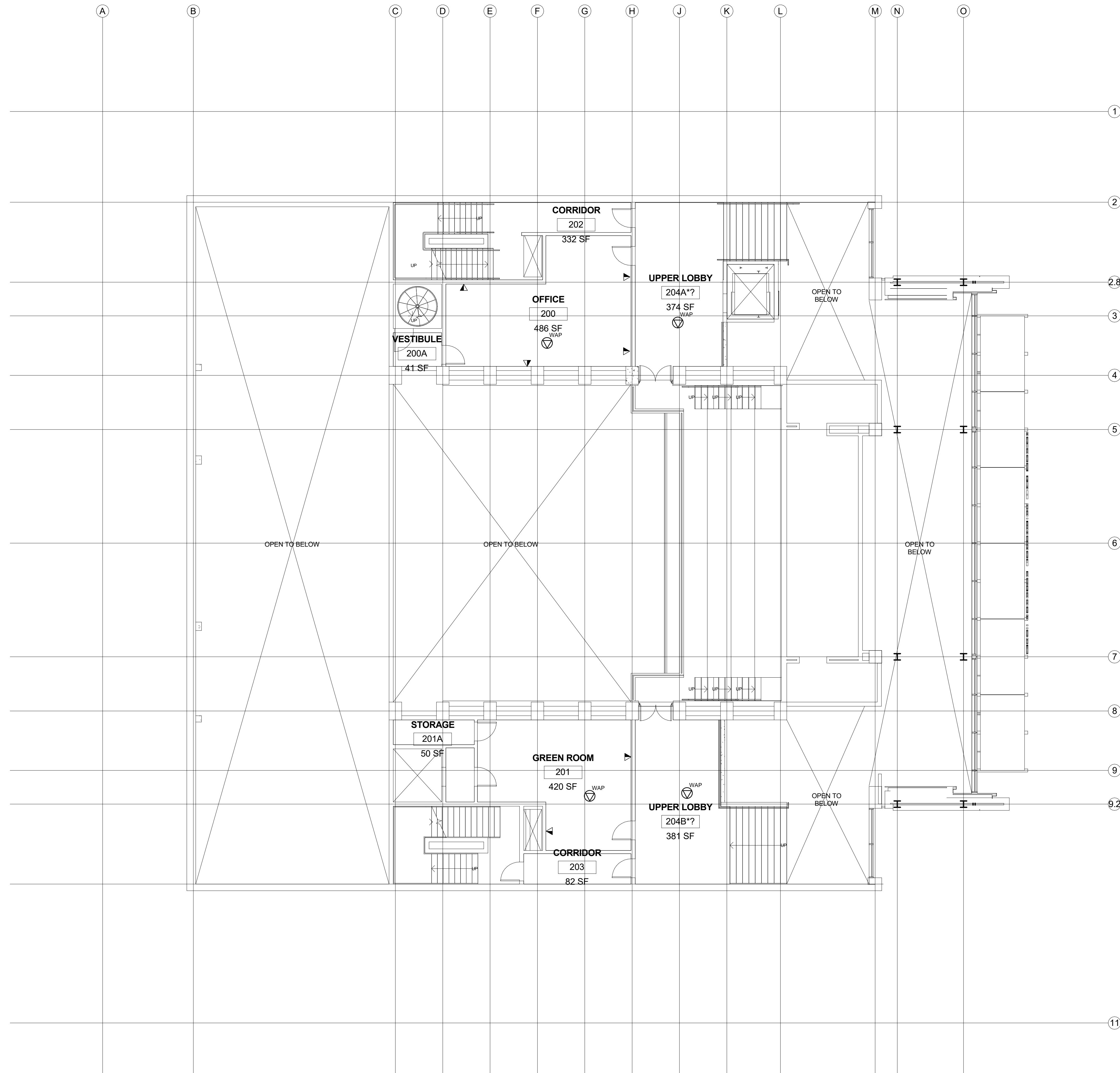
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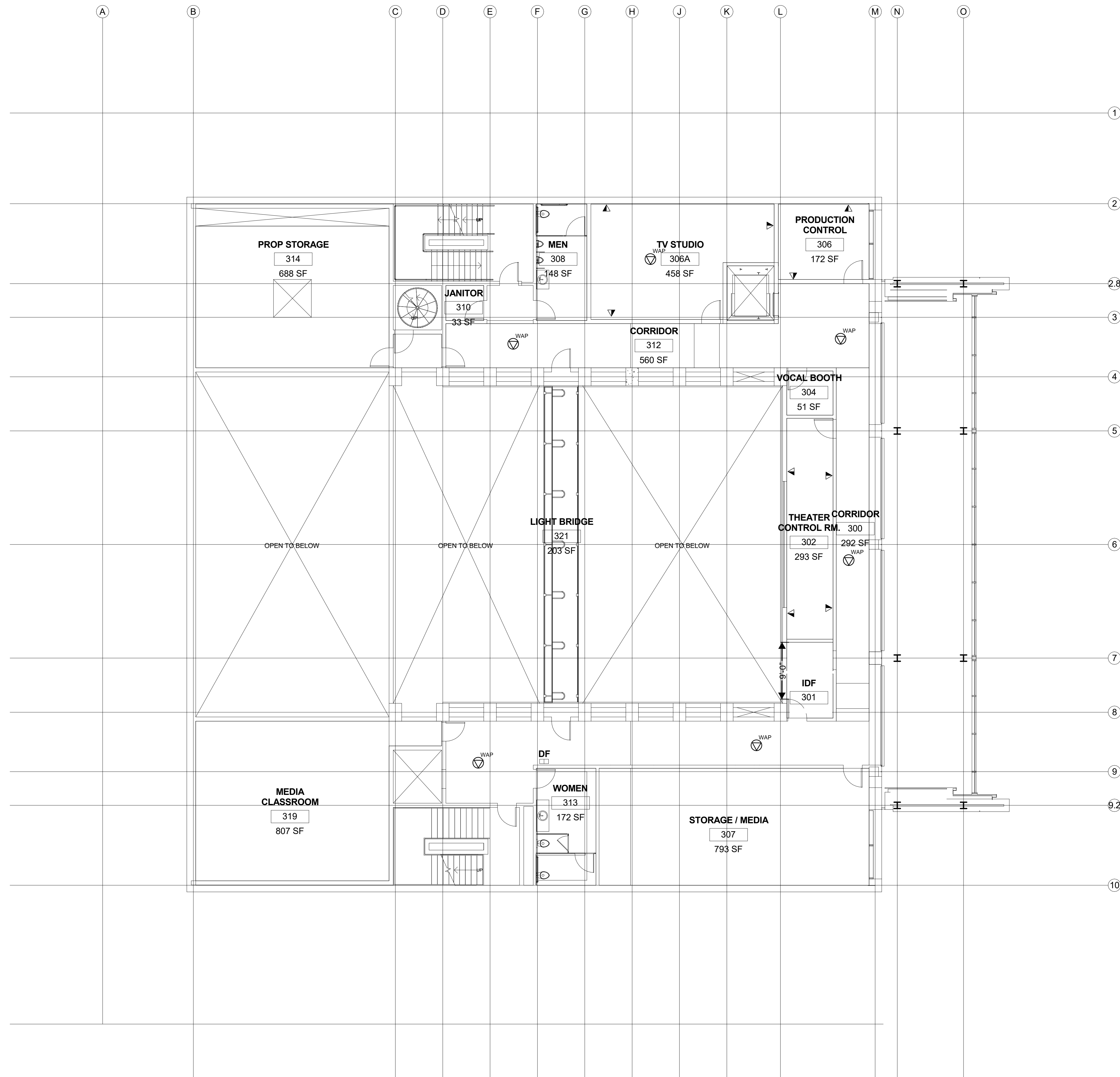
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SHEET TITLE:
TELECOM LEVEL 2 FLOOR PLAN

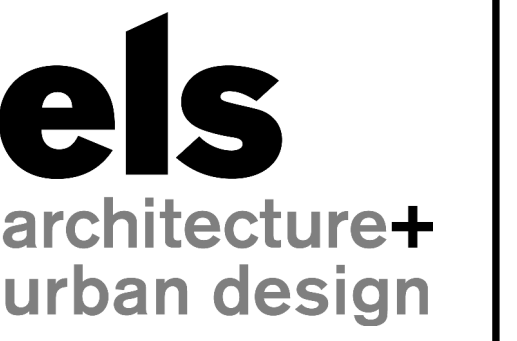
SHEET NUMBER:
TC203



1 TELECOM LEVEL 2 FLOOR PLAN
 1/8" = 1'-0"



GENERAL NOTES



PROJECT:
LANEY COLLEGE THEATER
 MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
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 ALTER CONSULTING ENGINEERS
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SPECIFICATIONS:
 TOPFLIGHT SPECS
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KEYNOTES

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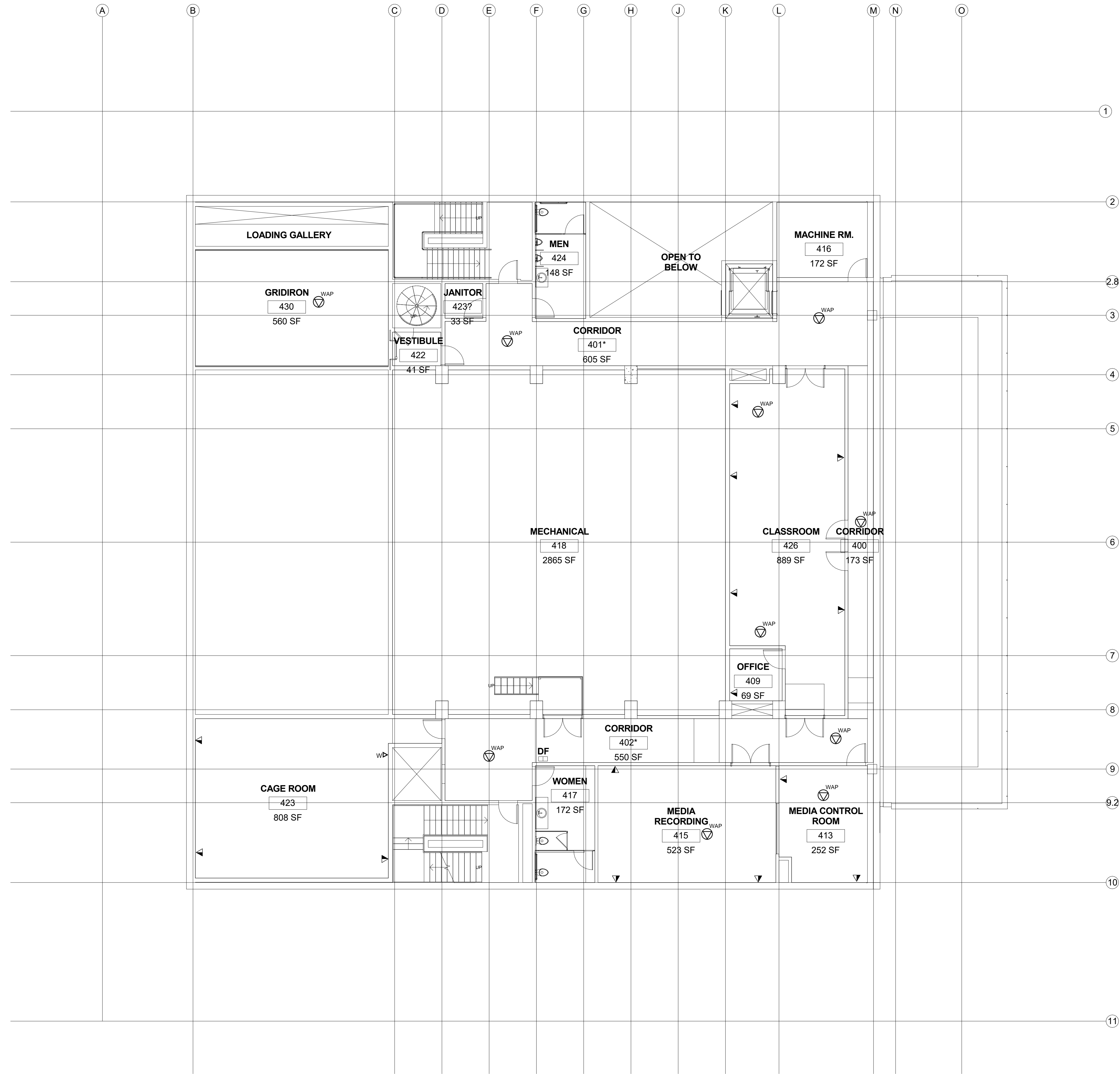
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SHEET TITLE:
TELECOM LEVEL 3 FLOOR PLAN

SHEET NUMBER:
TC204



1 TELECOM LEVEL 4 FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES

PROJECT:
**LANEY COLLEGE
THEATER**
MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY
COLLEGE DISTRICT

PROJECT TEAM:
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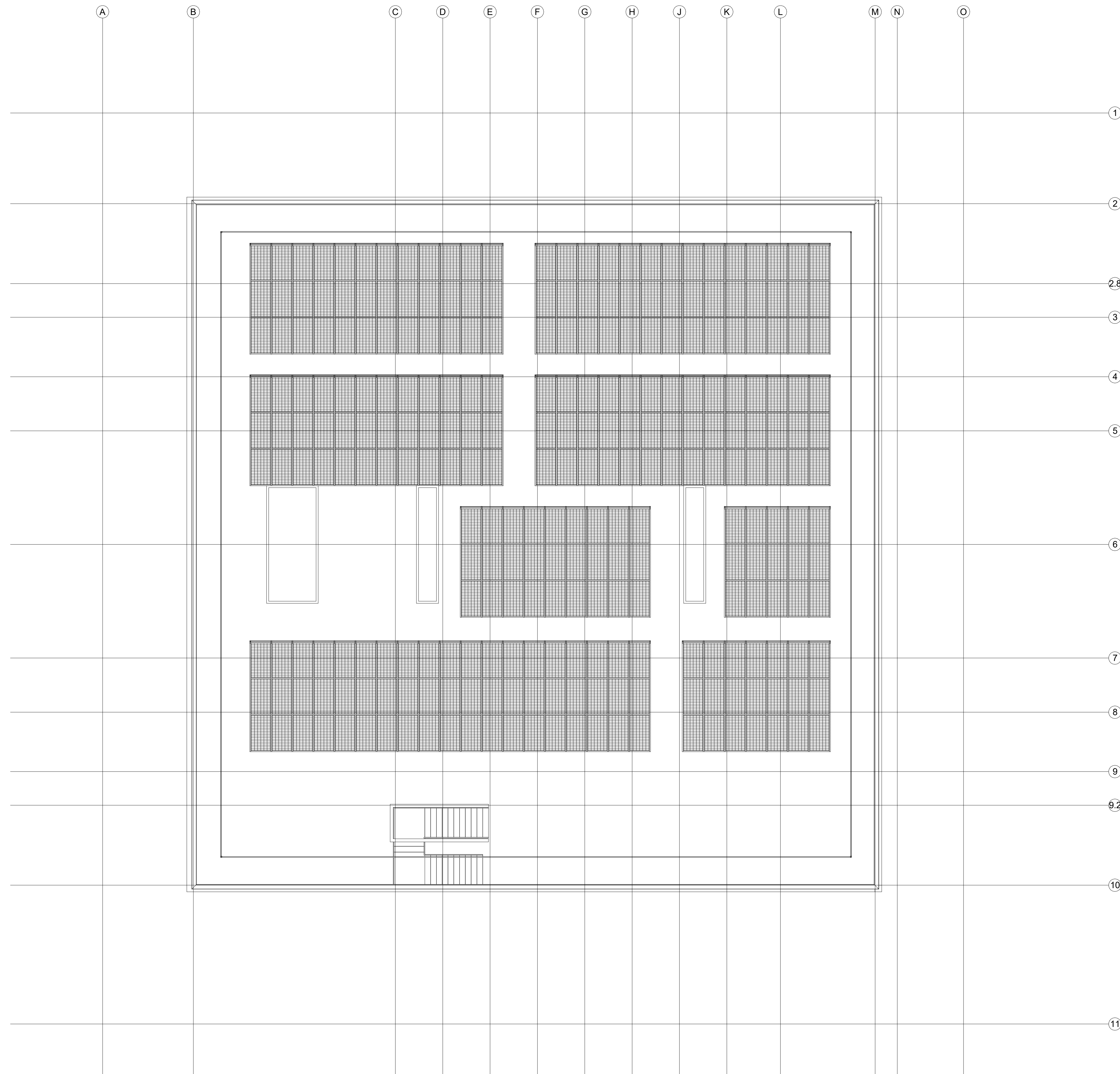
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SHEET TITLE:
TELECOM LEVEL 4
FLOOR PLAN

SHEET NUMBER:
TC205



GENERAL NOTES



PROJECT:
LANEY COLLEGE THEATER
 MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
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KEYNOTES

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SHEET TITLE:
TELECOM ROOF FLOOR PLAN

SHEET NUMBER:
TC206

PROJECT:
**LANEY COLLEGE
THEATER**

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
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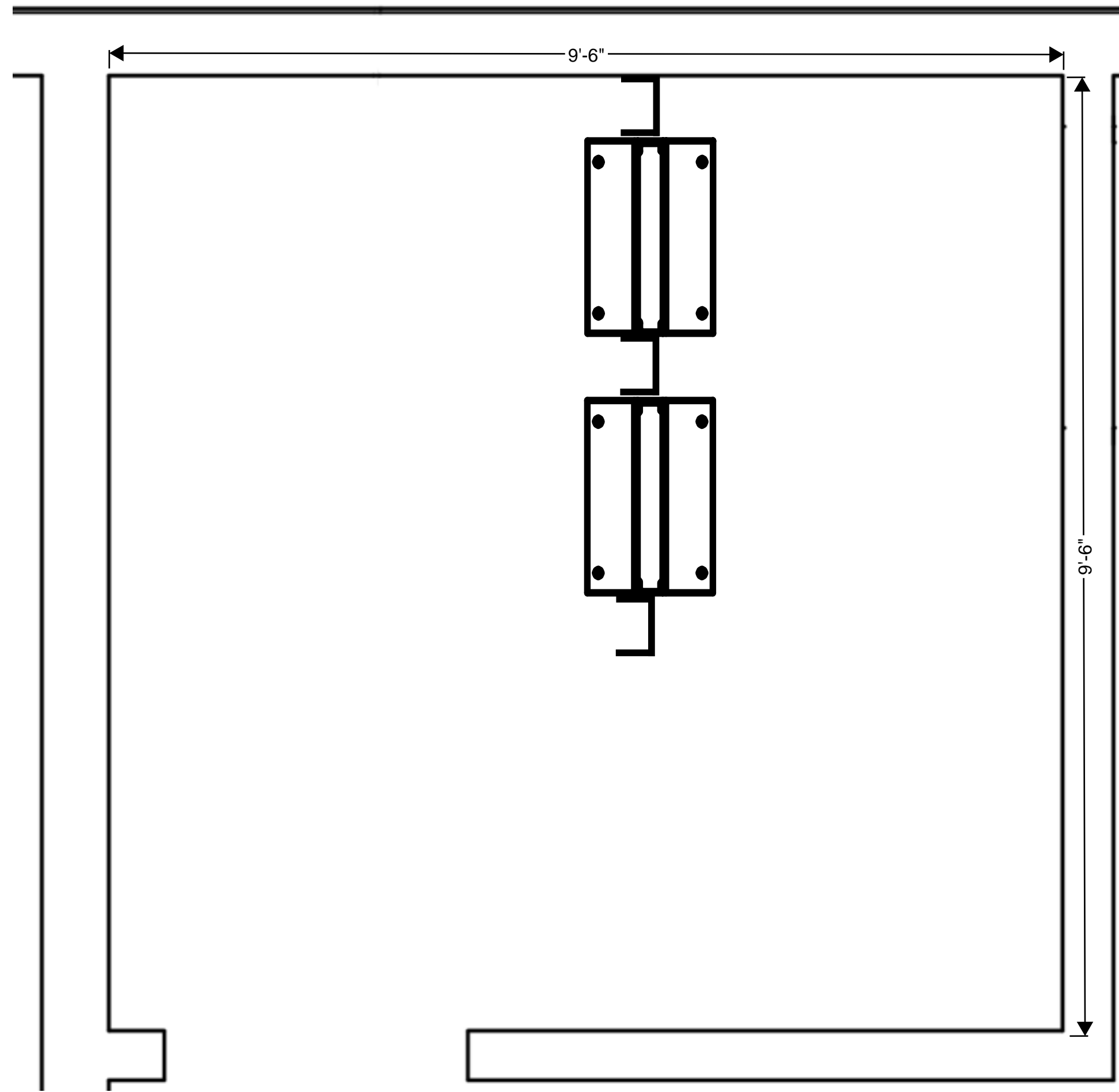
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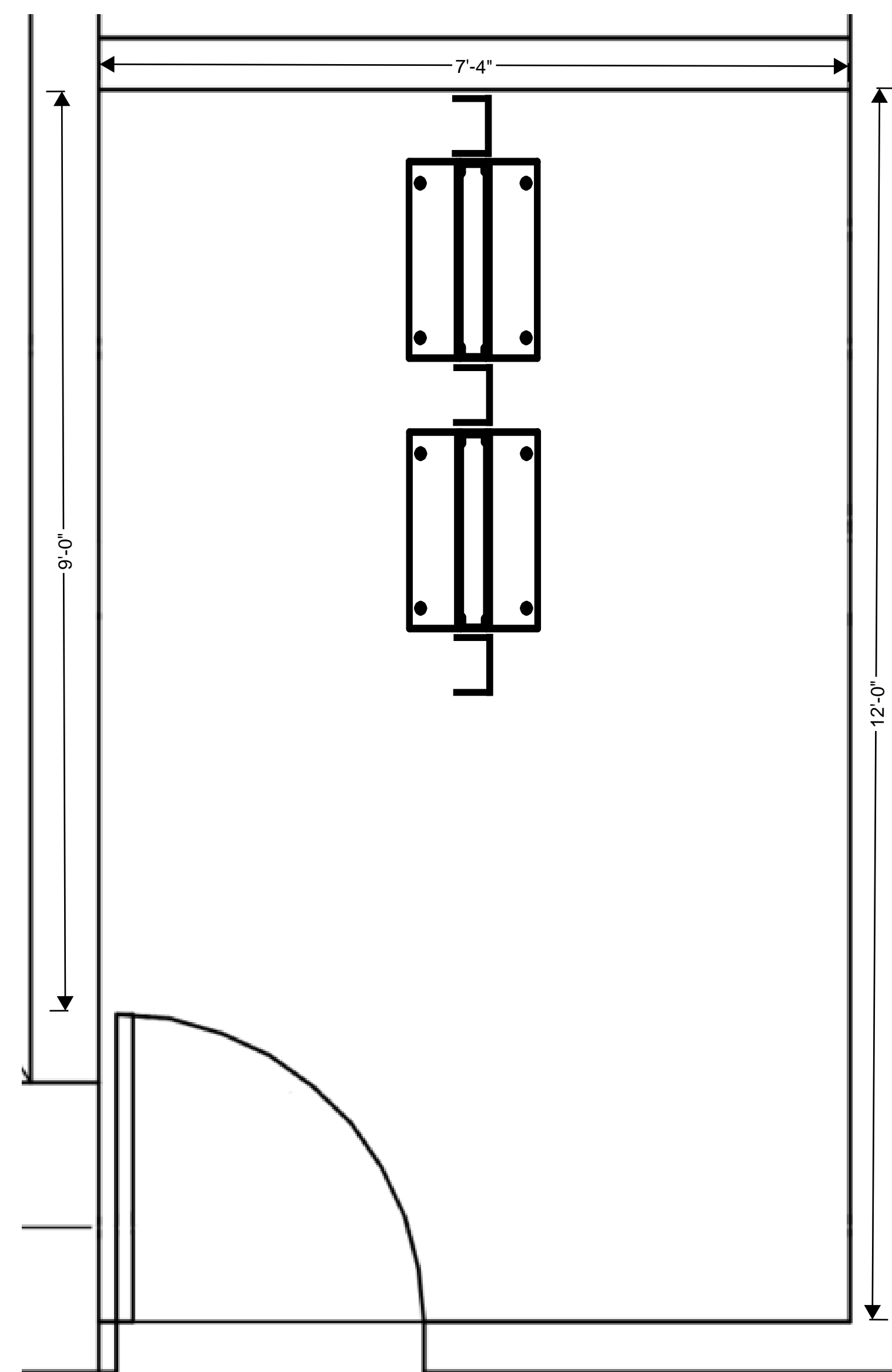
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SHEET TITLE:
**TELECOM ROOMS,
ENLARGED**

SHEET NUMBER:
TC401



TELECOM LEVEL 1 - ENLARGED TELECOM ROOM 115A - EXISTING



TELECOM LEVEL 3 - ENLARGED TELECOM ROOM 301 - NEW

PROJECT:

**LANEY COLLEGE
THEATER**

MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
**PERALTA COMMUNITY
COLLEGE DISTRICT**

PROJECT TEAM:
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SHEET TITLE:
**SECURITY
ELECTRONICS
SYMBOLS LEGEND
AND SHEET INDEX**

SHEET NUMBER:
SE000

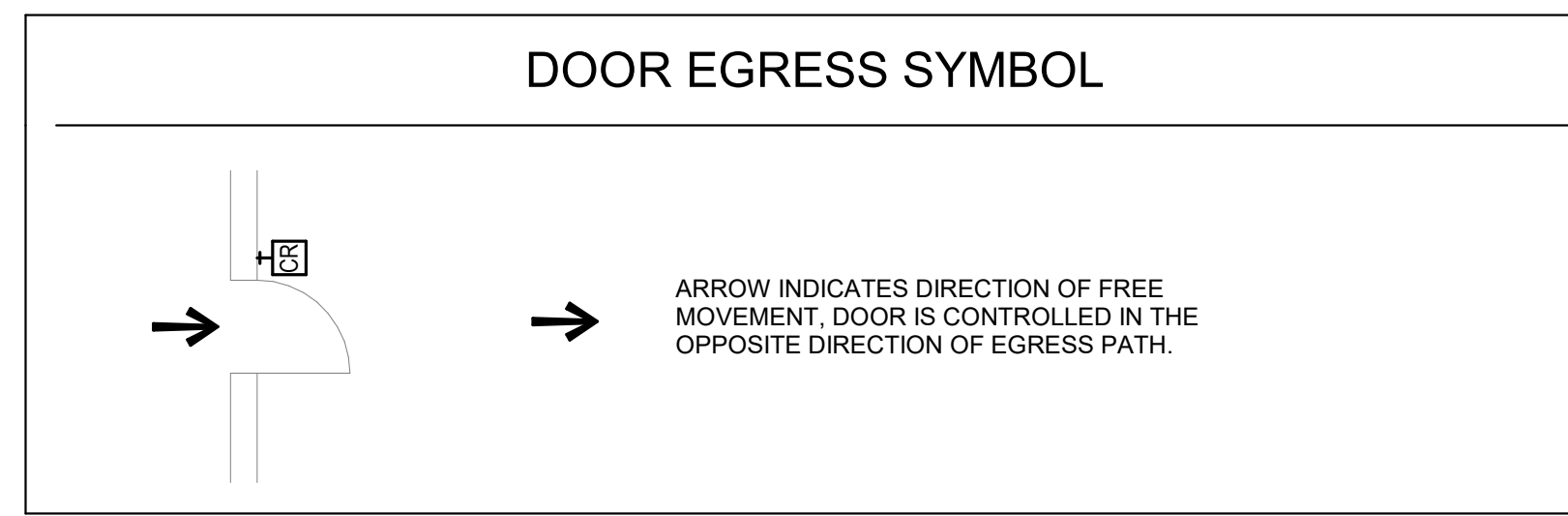
DEVICE AND WIRING LEGEND			
SYMBOL	DESCRIPTION	WIRING	NOTES
	ACCESS CONTROL PANEL	1 120VAC EMERGENCY DEDICATED 20AMP CIRCUIT 1 LAN/ WAN NETWORK CONNECTION	
	DOOR CONTACT - SURFACE MOUNTED	(1) #18/2 SHLD PLENUM	
	GLASS BREAK DETECTOR - WALL MOUNT	(1) #18/4 SHLD PLENUM	
	HELP BUTTON	(1) #18/2 SHLD PLENUM	
	NETWORK VIDEO RECORDER	1-120 VAC POWER 1- OWNERS LAN WAN CONNECTION	
	FIXED IP NETWORK CAMERA	(1) NETWORK CONNECTION TO OWNER SWITCH (POE)	
	MULTISENSOR IP NETWORK CAMERA - CORNER PENDANT MOUNT	(1) NETWORK CONNECTION TO OWNER SWITCH (POE)	
	PANORAMIC IP NETWORK CAMERA - WALL PENDANT MOUNT	(1) NETWORK CONNECTION TO OWNER SWITCH (POE)	

SHEET LIST	
Sheet Number	Sheet Name
SE000	SECURITY ELECTRONICS SYMBOLS LEGEND AND SHEET INDEX
SE201	SECURITY ELECTRONICS LEVEL 1 (STAGE) FLOOR PLAN
SE202	SECURITY ELECTRONICS BASEMENT AND LOBBY FLOOR PLAN
SE203	SECURITY ELECTRONICS LEVEL 2 FLOOR PLAN
SE204	SECURITY ELECTRONICS LEVEL 3 FLOOR PLAN
SE205	SECURITY ELECTRONICS LEVEL 4 FLOOR PLAN
SE206	SECURITY ELECTRONICS ROOF FLOOR PLAN
SE301	SECURITY ELECTRONICS DETAILS
SE302	SECURITY ELECTRONICS DETAILS
SE401	SECURITY ELECTRONICS RISERS

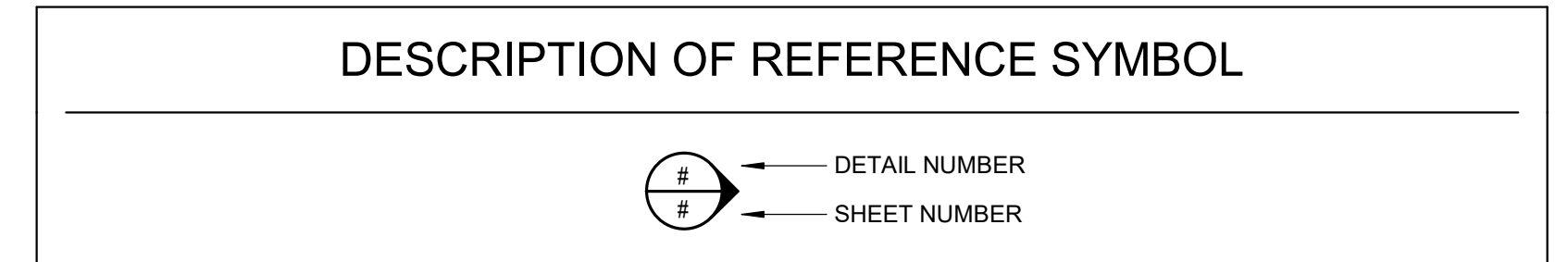
ABBREVIATIONS	
Key Name	Comments
ACP	ACCESS CONTROL PANEL
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
FBO	FURNISHED BY OTHERS
FOV	FIELD OF VIEW
IAP	INTRUSION ALARM PANEL
N/A	NOT APPLICABLE
NTS	NOT TO SCALE
RECP	RECEPTION
SH	SHIELDED
SOC	SECURITY OPERATIONS CENTER
TBD	TO BE DETERMINED
TW	TWISTED
UON	UNLESS OTHERWISE NOTED
VIF	VERIFY IN FIELD
WP	WEATHERPROOF

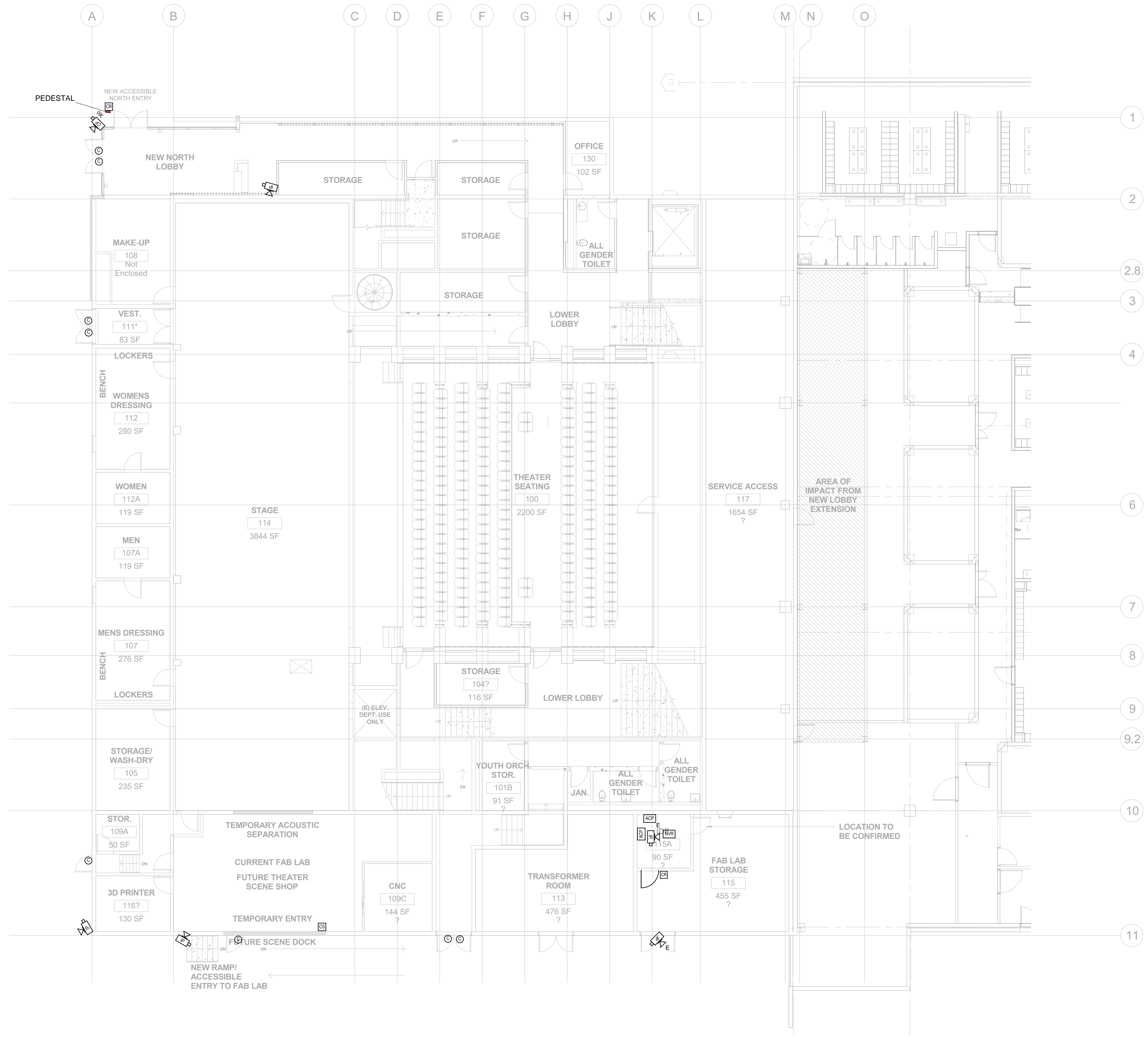
TYPICAL CARD READER DOOR CONFIGURATION			
SYMBOL	DESCRIPTION	WIRING	NOTES
	CONCEALED MAGNETIC ALARM CONTACT	1-#18/2 PLENUM (AT DOOR CONTACTS WITH SINGLE CONNECTION); 2-#18/2 PLENUM (AT DPDT CONTACT ONLY)	
	PROXIMITY CARD READER - WALL MOUNTED - SEE FLOOR PLANS	1-22/6 SHLD PLNM	
	ELECTRIFIED LOCK	1-18/4 COND. PLNM, RED/BLACK - LOCK POWER, GREEN/WHITE REX CKT	
	REQUEST TO EXIT	REX IS INTEGRATED WITH ELECTRIC LOCK HARDWARE; USE GREEN/WHITE OF 18/4 ABOVE FOR LOCK FOR THE REX CIRCUIT	

TYPICAL CARD READER MULLION MOUNT DOOR CONFIGURATION			
SYMBOL	DESCRIPTION	WIRING	NOTES
	CONCEALED MAGNETIC ALARM CONTACT	1-#18/2 PLENUM (AT DOOR CONTACTS WITH SINGLE CONNECTION); 2-#18/2 PLENUM (AT DPDT CONTACT ONLY)	
	PROXIMITY CARD READER - MULLION MOUNTED	1-22/6 SHLD PLNM - CR; 1-18/4 PLNM - EL/RX; 1-18/2 PLNM - C	
	ELECTRIFIED LOCK	1-18/4 COND. PLNM, RED/BLACK - LOCK POWER, GREEN/WHITE REX CKT	
	REQUEST TO EXIT	REX IS INTEGRATED WITH ELECTRIC LOCK HARDWARE; USE GREEN/WHITE OF 18/4 ABOVE FOR LOCK FOR THE REX CIRCUIT	



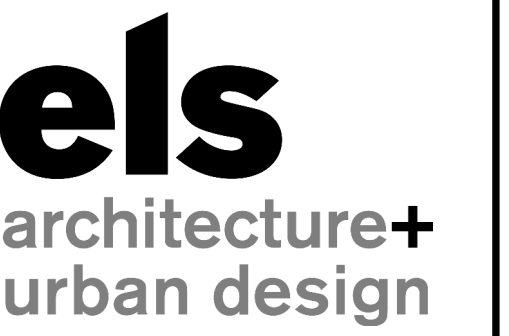
- ### GENERAL NOTES
- ALL CAT6 CAMERA CABLES FROM THE CAMERA TO THE POE SWITCH SHALL BE INSTALLED AND CERTIFIED BY SALESFORCE.COM IT CONTRACTOR. CABLE CONNECTIONS BETWEEN THE FIELD TERMINATION POINT TO THE CAMERA SHALL BE THE RESPONSIBILITY OF THE SECURITY CONTRACTOR.
 - CABLE CONNECTIONS BETWEEN EACH POE SWITCH SHALL BE THE RESPONSIBILITY OF THE IT CONTRACTOR.
 - EXACT PLACEMENT OF EACH CAMERA SHALL BE COORDINATED WITH SALESFORCE.COM AND THE PROJECT ARCHITECT; IT IS THE RESPONSIBILITY OF THE SECURITY CONTRACTOR TO GAIN FINAL PLACEMENT APPROVAL FROM BOTH PARTIES PRIOR TO THE PHYSICAL CAMERA INSTALLATION.
 - ALL CABLE RUNS SHALL BE CONCEALED WITHIN CONDUIT STUBS AS NECESSARY. MULLIONS OR WALL SPACES FROM ALL DEVICES IN THE FACILITY TO THE NEAREST CABLE TRAY OR PRIMARY DATA PATHWAY.
 - CABLE RUNS FROM THE SECURITY ENCLOSURES AND ALL FIELD DEVICES IS THE RESPONSIBILITY OF THE SECURITY CONTRACTOR. ALL LOCAL PANEL TO PANEL CABLING IS THE RESPONSIBILITY OF THE SECURITY CONTRACTOR. ALL CABLING SHALL BE PERFORMED IN A WORKMANLIKE MANNER, AND ALL CABLES SHALL BE CONCEALED WHEREVER POSSIBLE.
 - ALL ELECTRICAL DESIGNATIONS SHOWN ON THE "SE" DRAWINGS ARE FOR INFORMATION ONLY AND APPEAR ON THE ELECTRICAL DRAWINGS FOR CIRCUITS AND LOADS.
 - THE SECURITY CONTRACTOR SHALL NOT CUT OR OTHERWISE ALTER THE WORK OF OTHERS EXCEPT WITH WRITTEN CONSENT OF THE OWNER AND SUCH SEPARATE CONTRACTORS.
 - THE SECURITY CONTRACTOR SHALL FURNISH TO THE OWNER, THE OWNER'S CONSULTANT AND THE PROJECT GENERAL CONTRACTOR THREE (3) COPIES EACH OF THE SECURITY CONTRACTOR'S PUBLISHED SAFETY PROGRAM.
 - THE SECURITY CONTRACTOR SHALL REVIEW AND AGREE TO THE PROJECT GENERAL CONTRACTOR'S PUBLISHED SAFETY PROGRAM.
 - THE SECURITY CONTRACTOR SHALL COORDINATE THE FIRE ALARM RELAY INSTALLATION AND CONNECTIVITY TO THE ACCESS CONTROL SYSTEM WITH THE FIRE ALARM CONTRACTOR AND THE GENERAL CONTRACTOR. THE PURPOSE OF THE FIRE ALARM RELAY IS TO ALLOW FREE EGRESS BY BREAKING POWER TO FAIL SAFE ELECTRIFIED LOCKING HARDWARE IN THE EVENT OF A FIRE ALARM FROM THE BUILDING FIRE ALARM SYSTEM. THE SECURITY CONTRACTOR SHALL ALSO CONFIGURE AN ALARM INPUT FROM THE FIRE ALARM SYSTEM SO THAT WHEN A FIRE ALARM RELAY IS ACTIVATED AN ALARM SIGNAL IS GENERATED IN THE ACCESS CONTROL SYSTEM.
 - ELECTRIFIED MORTISE LOCKSETS WITH INTEGRAL REX SWITCHES AND/OR OTHER SPECIFIED ELECTRIFIED LOCKING HARDWARE SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. IT IS THE RESPONSIBILITY OF THE SECURITY CONTRACTOR TO PROVIDE LOW VOLTAGE POWER TO ELECTRIFIED HARDWARE LOCATIONS AND TERMINATE TO LOCKS. IT IS THE RESPONSIBILITY OF THE SECURITY CONTRACTOR TO CONNECT, TERMINATE AND INSTALL ALL ELECTRIFIED LOCKING HARDWARE AT ALL LOCATIONS. IT IS THE RESPONSIBILITY OF THE SECURITY CONTRACTOR TO COORDINATE ALL DOOR HARDWARE WITH THE ARCHITECT, OWNER AND GENERAL CONTRACTOR AND REVIEW THE DOOR HARDWARE SCHEDULE FOR ACCURACY. ONCE ALL DOOR HARDWARE IS INSTALLED AND TERMINATED, THE SECURITY CONTRACTOR WILL FULLY TEST EACH DEVICE AND CONFIRM WITH THE GENERAL CONTRACTOR THAT ALL PROVIDED HARDWARE IS FULLY FUNCTIONAL AND INSTALLED. THE SECURITY CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY DOOR / FRAME RELATED DEFICIENCIES.
 - SECURITY CONTRACTOR IS TO PROVIDE AND INSTALL ALL CARD READERS AND ASSOCIATED ACCESS CONTROL DEVICES.
 - SECURITY CONTRACTOR IS TO PROVIDE AND INSTALL ALL DOOR CONTACTS AND ASSOCIATED SECURITY DEVICES.
 - UPS SUPPORT FOR ALL CCTV EQUIPMENT WILL BE PROVIDED BY SALESFORCE.COM.
 - THE SECURITY CONTRACTOR SHALL PROGRAM THE IP ADDRESSES INTO EACH IP CAMERAS PER THE INSTRUCTIONS AND IP CONVENTIONS PROVIDED BY SALESFORCE.COM.
 - THE SECURITY CONTRACTOR SHALL PROVIDE CONFIGURATION ASSISTANCE FOR THE CAMERAS AS NEEDED TO BRING THE CAMERA ON LINE.
 - IT IS THE RESPONSIBILITY OF THE SECURITY CONTRACTOR TO COORDINATE REMOVAL OF EXISTING SECURITY DEVICES EITHER FOR RE-PURPOSING OR REMOVAL. ALL EQUIPMENT REMOVED SHALL BE DELIVERED TO SALESFORCE.COM
 - THE SECURITY CONTRACTOR IS REQUIRED TO READ THE ASSOCIATED PROJECT SPECIFICATION AND REQUEST ANY CLARIFICATIONS FOR THIS PROJECT.
 - IT IS THE RESPONSIBILITY OF THE SECURITY CONTRACTOR TO IDENTIFY AND COORDINATE THE CAMERA MOUNTING TYPE AND LOCATION FOR EACH CAMERA.





GENERAL NOTES

1. ALL DEVICES MARKED WITH "E" ARE EXISTING DEVICES



PROJECT:
LANEY COLLEGE THEATER
 MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
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PROJECT TEAM:
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FIRE AND LIFE SAFETY CONSULTANT:
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 2498 CLAYTON ROAD, SUITE #101
 CONCORD, CA 94519
 TEL: (925) 681-2731

THEATRE:
 THE SHALLECK COLLABORATIVE, INC.
 1553 MARTIN LUTHER KING, JR. WAY
 BERKELEY, CA 94709
 TEL: (415) 956-4100

ACOUSTICS:
 SALTER
 130 SUTTER STREET, FLOOR 5
 SAN FRANCISCO, CA 94104
 TEL: (415) 470-5460

LOW VOLTAGE:
 GUIDEPOST SOLUTIONS
 180 GRAND STREET, SUITE 950
 OAKLAND, CA 94612
 TEL: (510) 268-8373

SPECIFICATIONS:
 TOPFLIGHT SPECS
 49 GEARY STREET, SUITE 230
 SAN FRANCISCO, CA 94108
 TEL: (415) 546-6033

KEYNOTES

REVISION

NUMBER	DATE	DESCRIPTION

ISSUE:
 100% SCHEMATIC DESIGN

DATE:
 AUGUST 03, 2020

STAMP:

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SHEET TITLE:
SECURITY ELECTRONICS LEVEL 1 (STAGE) FLOOR PLAN

SHEET NUMBER:
SE201

1 SECURITY ELECTRONICS LEVEL 1 (STAGE) FLOOR PLAN
 1/8" = 1'-0"

GENERAL NOTES

KEYNOTES

REVISION

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ISSUE:
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DATE:
AUGUST 03, 2020

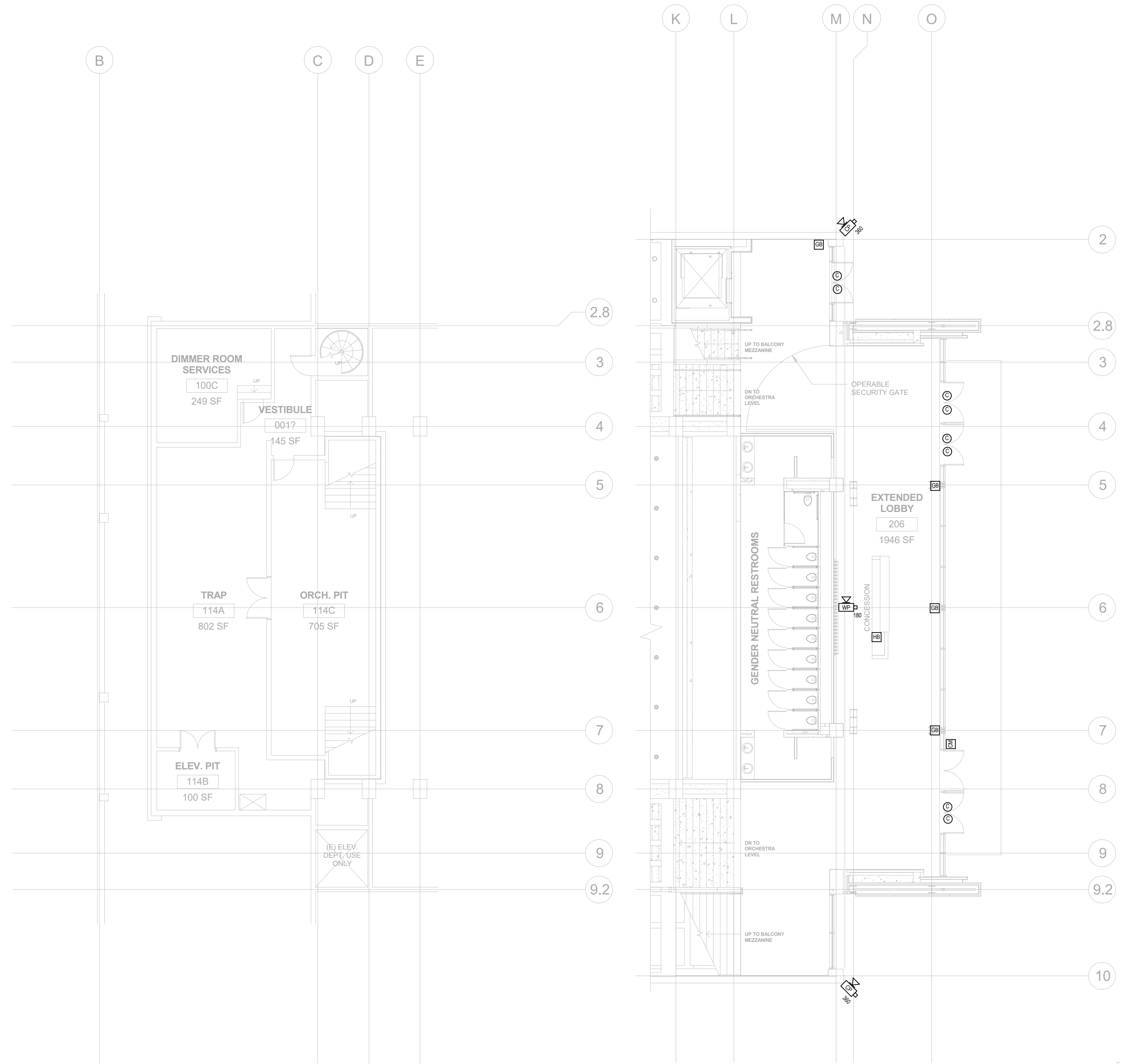
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CONSTRUCTION**

SHEET TITLE:
SECURITY
ELECTRONICS
BASEMENT AND
LOBBY FLOOR PLAN

SHEET NUMBER:

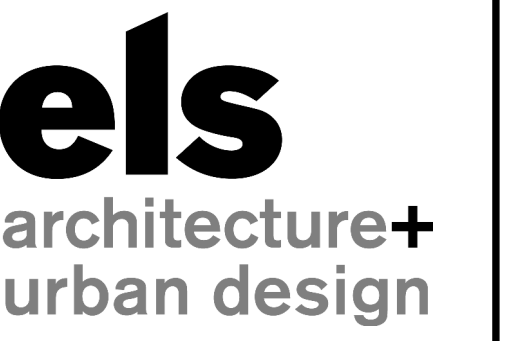
SE202



② SECURITY ELECTRONICS LEVEL 0 (BASEMENT) FLOOR PLAN
1/8" = 1'-0"

① SECURITY ELECTRONICS LEVEL 1.5 (LOBBY) FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES



PROJECT:
LANEY COLLEGE THEATER
 MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
ARCHITECT:
 ELS ARCHITECTURE AND URBAN DESIGN
 2040 Addison Street
 Berkeley, CA 94704
 TEL: (510) 549-2329

CIVIL ENGINEER:
 CSW | STJ
 45 Leveoni Court
 Novato, CA 94949
 TEL: (415) 883-9850

STRUCTURAL ENGINEER:
 FORELL/ELSESSER ENGINEERS
 100 PINE STREET, 6TH FLOOR
 SAN FRANCISCO, CA 94111
 TEL: (415) 837-0700

MECHANICAL & ELECTRICAL ENGINEER:
 ALTER CONSULTING ENGINEERS
 1624 FRANKLIN STREET #1300
 OAKLAND, CA 94612
 TEL: (510) 876-2591

ELECTRICAL & FIRE ALARM ENGINEER:
 RUA
 1620 MONTGOMERY STREET, SUITE 250
 SAN FRANCISCO, CA 94111
 TEL: (510) 876-2591

FIRE AND LIFE SAFETY CONSULTANT:
 HYT CORPORATION
 3498 CLAYTON ROAD, SUITE #101
 CONCORD, CA 94519
 TEL: (925) 681-2731

THEATRE:
 THE SHALLECK COLLABORATIVE, INC.
 1553 MARTIN LUTHER KING JR. WAY
 BERKELEY, CA 94709
 TEL: (415) 956-4100

ACOUSTICS:
 SALTER
 130 SUTTER STREET, FLOOR 5
 SAN FRANCISCO, CA 94104
 TEL: (415) 470-5460

LOW VOLTAGE:
 GUIDEPOST SOLUTIONS
 180 GRAND STREET, SUITE 950
 OAKLAND, CA 94612
 TEL: (510) 268-8373

SPECIFICATIONS:
 TOPFLIGHT SPECS
 43 GEARY STREET, SUITE 230
 SAN FRANCISCO, CA 94108
 TEL: (415) 546-6033

KEYNOTES

REVISION

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ISSUE:
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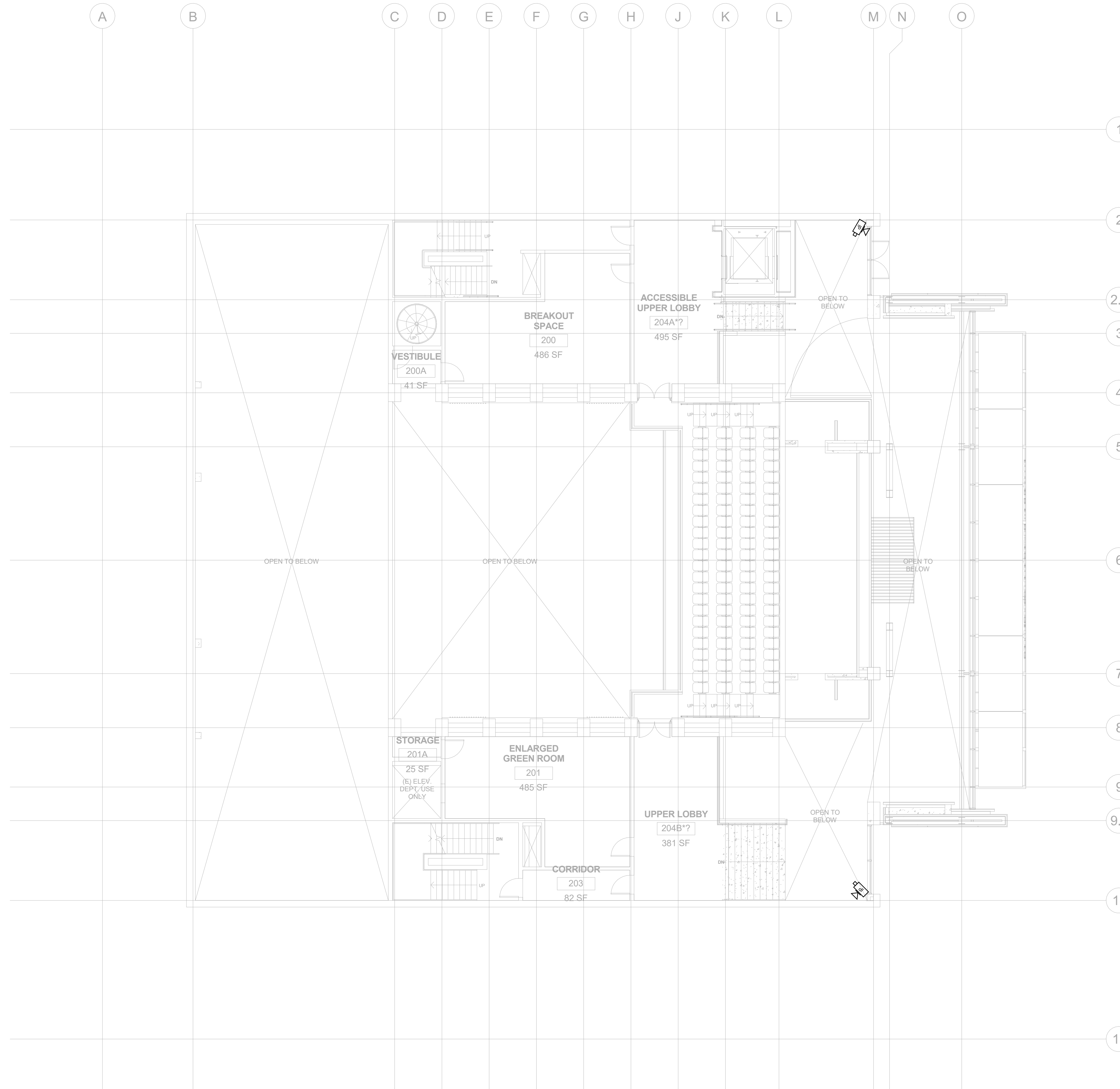
DATE:
 AUGUST 03, 2020

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SHEET TITLE:
SECURITY ELECTRONICS LEVEL 2 FLOOR PLAN

SHEET NUMBER:
SE203



1 SECURITY ELECTRONICS LEVEL 2 FLOOR PLAN
 1/8" = 1'-0"

GENERAL NOTES

KEYNOTES

REVISION

NUMBER	DATE	DESCRIPTION

ISSUE:
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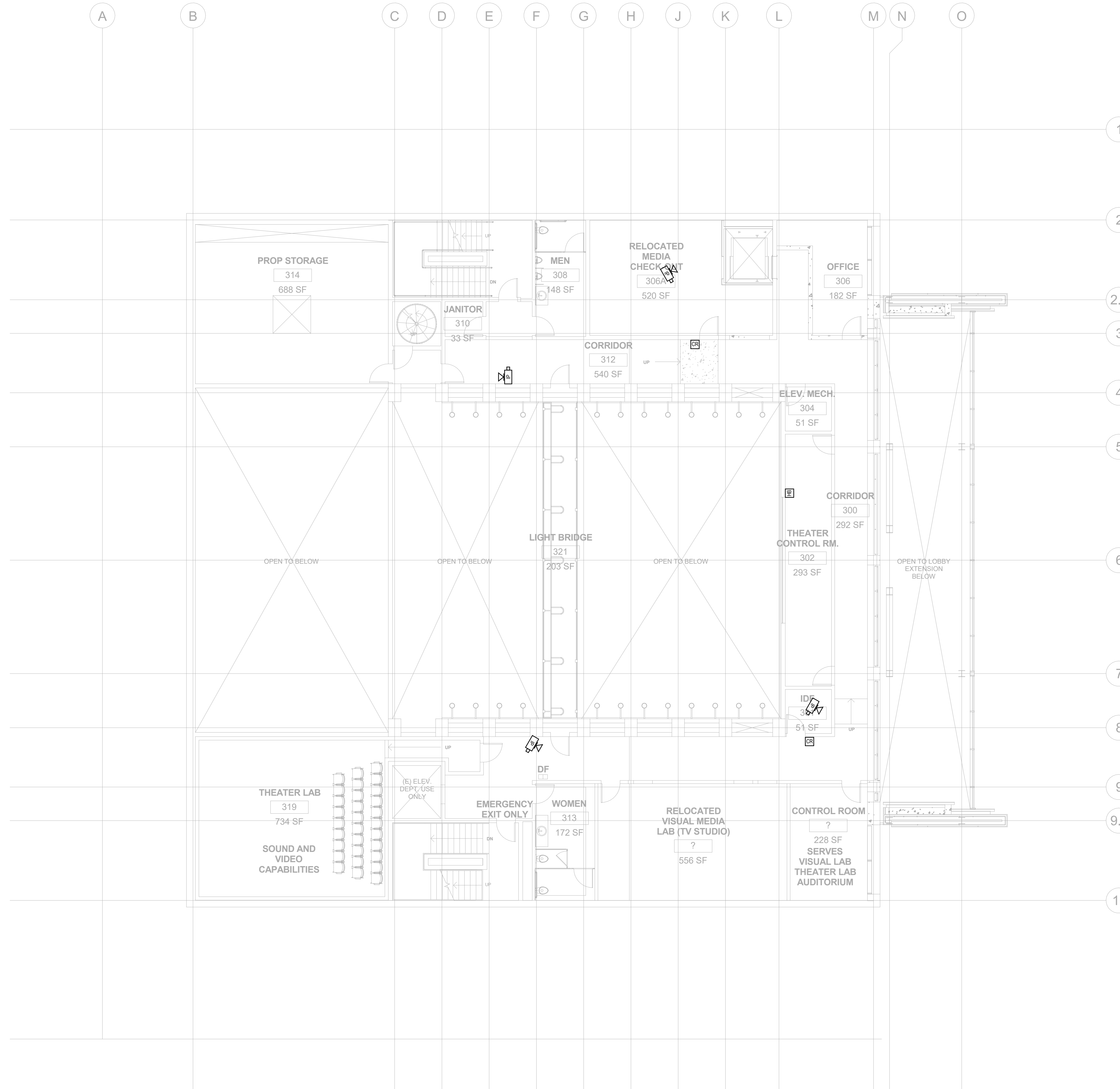
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AUGUST 03, 2020

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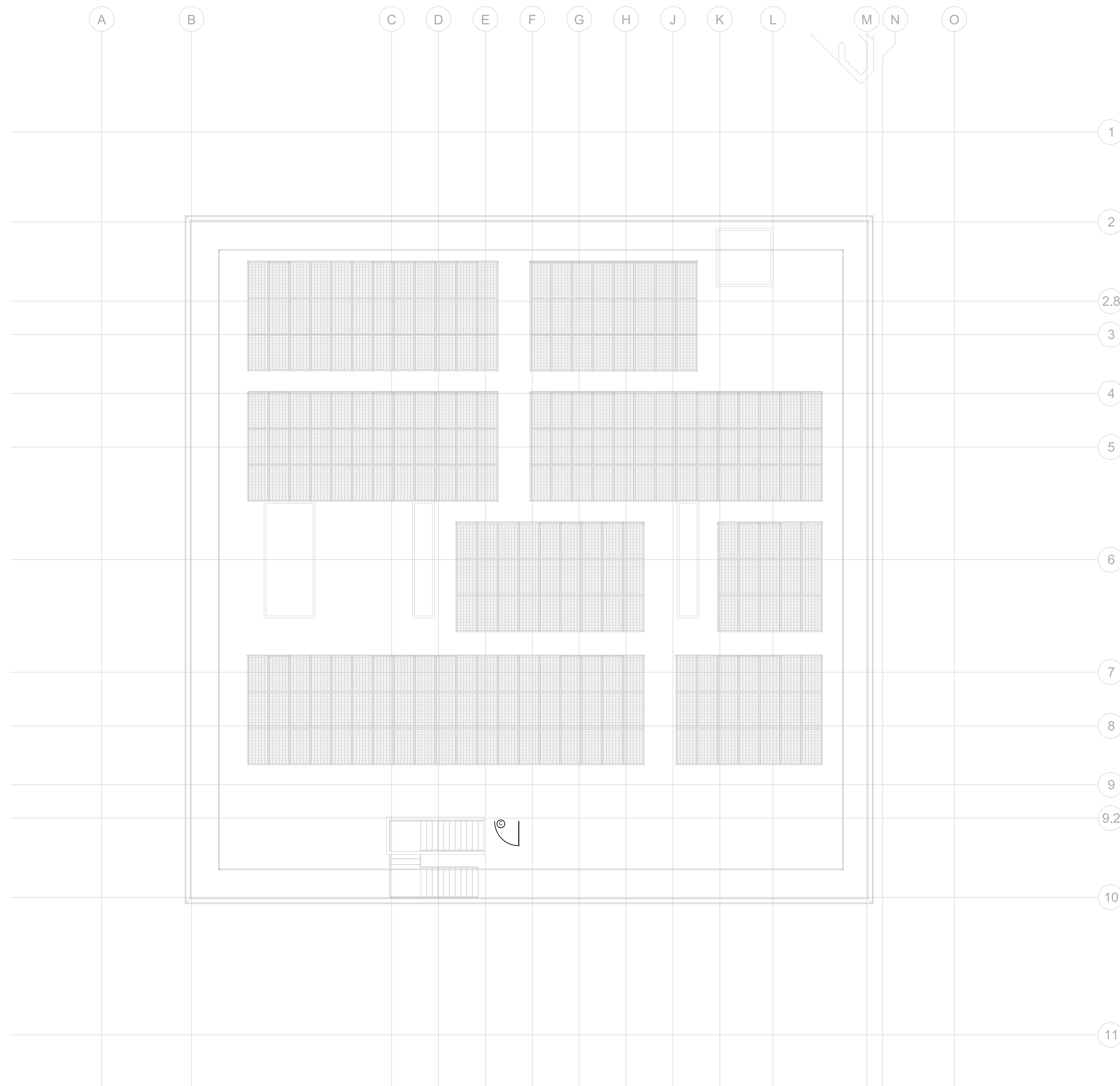
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CONSTRUCTION**

SHEET TITLE:
**SECURITY
ELECTRONICS LEVEL
3 FLOOR PLAN**

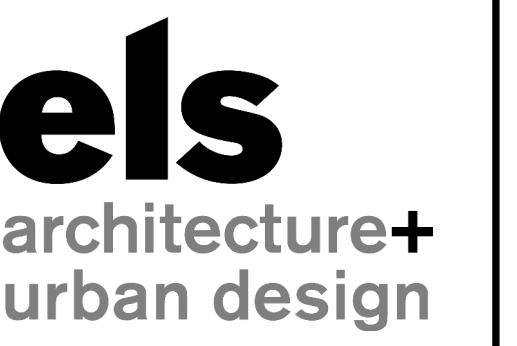
SHEET NUMBER:
SE204



1 SECURITY ELECTRONICS LEVEL 3 FLOOR PLAN
1/8" = 1'-0"



GENERAL NOTES



PROJECT:
LANEY COLLEGE THEATER
 MODERNIZATION PROJECT

PROJECT NUMBER:
202004.00

CLIENT:
PERALTA COMMUNITY COLLEGE DISTRICT

PROJECT TEAM:
 ARCHITECT:
 ELS ARCHITECTURE AND URBAN DESIGN
 2040 Addison Street
 Berkeley, CA 94704
 TEL: (510) 549-2329

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 TEL: (415) 546-6033

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DATE:
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SHEET TITLE:
SECURITY ELECTRONICS ROOF FLOOR PLAN

SHEET NUMBER:
SE206