

CITY OF SALEM CONVENTION CENTER

KITCHEN IMPROVEMENTS

PN 689863

PROJECT TEAM

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SCOPE OF WORK

IMPROVEMENTS TO AN EXISTING KITCHEN & STORAGE AREAS IN THE
EXISTING CITY OF SALEM CONVENTION CENTER. NO CHANGE TO
FOOTPRINT, OCCUPANCY, OR STRUCTURE.
WORK TO BE COMPLETED IN TWO PHASES OF CONSTRUCTION, SEE
DRAWINGS FOR PHASING DELINEATION.

LIFE SAFETY CODE SUMMARY

APPLICABLE CODES:	2014 OREGON STRUCTURAL SPECIALTY CODE
	2014 OREGON FIRE CODE
	2014 OREGON MECHANICAL SPECIALTY CODE
	2017 OREGON PLUMBING SPECIALTY CODE
	2017 OREGON ELECTRICAL SPECIALTY CODE AMENDMENTS /
	2017 NFPA 70, NATIONAL ELECTRICAL CODE
	2014 OREGON ENERGY EFFICIENCY SPECIALTY CODE

SEPARATE PERMITS REQ'D

MECHANICAL, PLUMBING AND ELECTRICAL
FIRE SPRINKLER DESIGN AND PERMIT BY SUBCONTRACTOR

DRAWING INDEX

GENERAL

G0.0	COVER SHEET
G1.0	FIRE LIFE SAFETY PLAN - FIRST FLOOR
G1.1	FIRE LIFE SAFETY PLAN - SECOND FLOOR
G2.0	SEQUENCING PLAN

ARCHITECTURAL

D1.0	DEMOLITION PLAN - FIRST FLOOR
D1.1	DEMOLITION PLAN - SECOND FLOOR
A1.0	FIRST FLOOR PLAN
A1.1	SECOND FLOOR PLAN

A2.0	REFLECTED CEILING PLAN - FIRST FLOOR
A2.1	REFLECTED CEILING PLAN - SECOND FLOOR

A3.0 PARTIAL SECTION

A4.0 DETAILS

MECHANICAL

M0.1	COVER SHEET - MECHANICAL
M0.2	SCHEDULES - MECHANICAL

MD2.0	ENLARGED FIRST FLOOR DEMOLITION PLAN - MECHANICAL
MD2.1	ENLARGED SECOND FLOOR DEMOLITION PLAN - MECHANICAL
MD2.2	ENLARGED ROOF DEMOLITION PLAN - MECHANICAL

M1.0	FIRST FLOOR OVERALL PLAN - MECHANICAL
M2.0	ENLARGED FIRST FLOOR PLAN - MECHANICAL
M2.1	ENLARGED SECOND FLOOR PLAN - MECHANICAL
M2.2	ENLARGED ROOF PLAN - MECHANICAL

M4.0 DETAILS - MECHANICAL

PLUMBING

P0.1	COVER SHEET - PLUMBING
P1.0	FIRST FLOOR OVERALL PLAN - PLUMBING

PD2.0	ENLARGED FIRST FLOOR DEMOLITION PLAN - PLUMBING
P2.0	ENLARGED FIRST FLOOR PLAN - PLUMBING
P2.1	ENLARGED SECOND FLOOR PLAN - PLUMBING

ELECTRICAL

E0.0	COVER SHEET - ELECTRICAL
E1.0	FIRST FLOOR OVERALL PLAN - ELECTRICAL
ED2.0	ENLARGED FIRST FLOOR DEMOLITION PLAN - LIGHTING
ED2.1	ENLARGED SECOND FLOOR DEMOLITION PLAN - LIGHTING

ED3.0	ENLARGED FIRST FLOOR DEMOLITION PLAN - POWER
ED3.1	ENLARGED SECOND FLOOR DEMOLITION PLAN - POWER

E2.0	ENLARGED FIRST FLOOR PLAN - LIGHTING
E2.1	ENLARGED SECOND FLOOR PLAN - LIGHTING

E3.0	ENLARGED FIRST FLOOR PLAN - POWER
E3.1	ENLARGED SECOND FLOOR PLAN - POWER
E3.2	ENLARGED ROOF PLAN - POWER

E4.0 SCHEDULES - ELECTRICAL

E5.0	PARTIAL ONE-LINE DIAGRAM - ELECTRICAL
E5.1	DETAILS - ELECTRICAL

KITCHEN CONSULTANT (FOR REFERENCE ONLY)

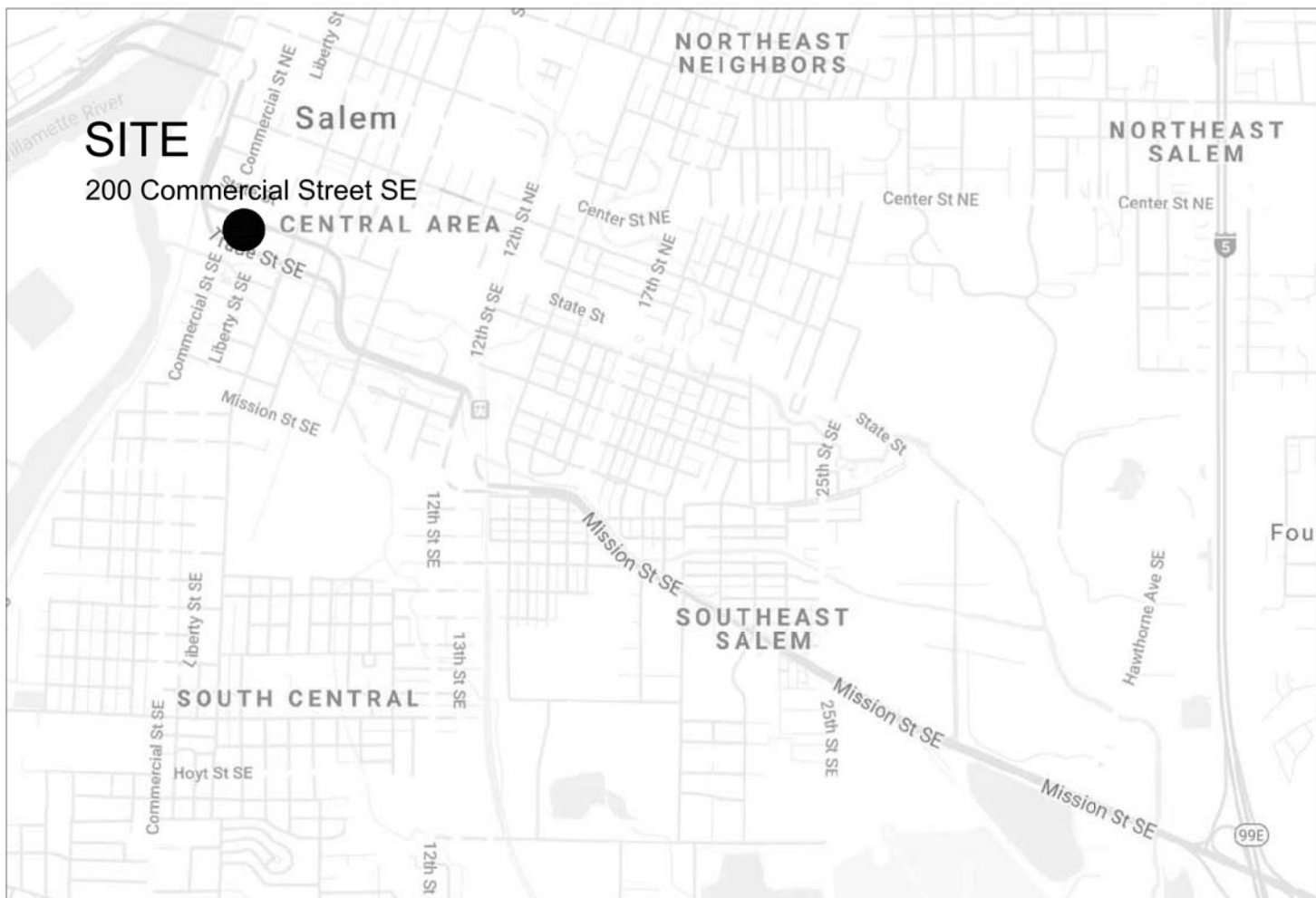
FS-CS	COVER SHEET	FS-K7.6	HOOD DRAWINGS
FS-K1	FOOD SERVICE EQUIPMENT PLAN	FS-K7.7	HOOD DRAWINGS
FS-K1.1	FOOD SERVICE EQUIPMENT PLAN	FS-K7.8	HOOD DRAWINGS
FS-K1.2	FOOD SERVICE EQUIPMENT PLAN	FS-K7.9	HOOD DRAWINGS
FS-K2	EQUIPMENT SCHEDULE	FS-K7.10	HOOD DRAWINGS
FS-K3	ELECTRICAL ROUGH-IN PLAN	FS-K7.11	HOOD DRAWINGS
FS-K3.1	ELECTRICAL ROUGH-IN PLAN	FS-K7.12	HOOD DRAWINGS
FS-K4	PLUMBING ROUGH-IN PLAN	FS-K7.13	HOOD DRAWINGS
FS-K4.1	PLUMBING ROUGH-IN PLAN	FS-K7.14	HOOD DRAWINGS
FS-K5	MECHANICAL/WALL BACKING PLAN	FS-K7.15	HOOD DRAWINGS
FS-K5.1	MECHANICAL/WALL BACKING PLAN	FS-K7.16	HOOD DRAWINGS
FS-K6	GROUNDWORKS ROUGH IN PLAN	FS-K7.17	HOOD DRAWINGS
FS-K6.1	GROUNDWORKS ROUGH IN PLAN	FS-K7.18	HOOD DRAWINGS
FS-K7	HOOD DRAWINGS	FS-K7.19	HOOD DRAWINGS
FS-K7.1	HOOD DRAWINGS	FS-K7.20	HOOD DRAWINGS
FS-K7.2	HOOD DRAWINGS	FS-K8	ELEVATIONS
FS-K7.3	HOOD DRAWINGS	FS-K8.1	ELEVATIONS
FS-K7.4	HOOD DRAWINGS	FS-K8.2	ELEVATIONS
FS-K7.5	HOOD DRAWINGS		

CITY OF SALEM	
REVIEWED BY:	Luke Gmazel Date
APPROVED BY:	Brian Martin Date

ABBREVIATIONS / COMMON SYMBOLS

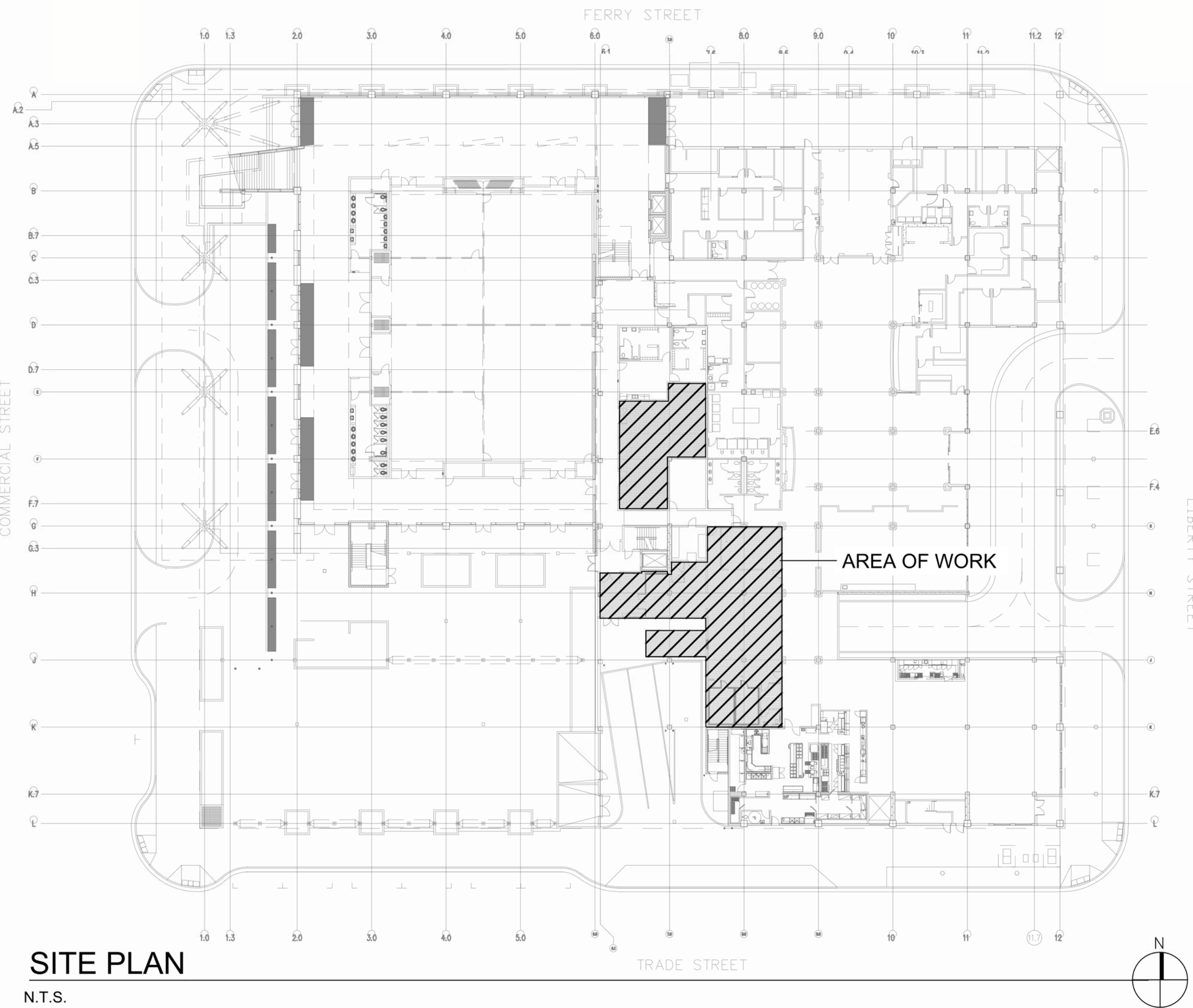
ACT	ACOUSTICAL CEILING TILE	F.O.I.C.	FURNISHED BY OWNER, (O.P.C.T.)
ADJ	ADJACENT	F.O.I.O.	FURNISHED BY OWNER, INSTALLED BY OWNER
AFF	ABOVE FINISHED FLOOR	F.C.I.C.	FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
ALUM	ALUMINUM	F.O.C.	FACE OF CONCRETE
ARCH	ARCHITECTURAL	GA	GAUGE
AVG	AVERAGE	GA	GALVANIZED
BLKG	BLOCKING	GL	GLASS
B.O.	BOTTOM OF	GWB	GYPSUM WALLBOARD
CPT	CARPET	HC	HOLLOW CORE
CMU	CONCRETE BLOCK	HM	HOLLOW METAL
CPM	CUBIC FEET PER MINUTE	HQR	HORIZONTAL
CL	CENTER LINE	HT	HEIGHT
CLG	CEILING	ID	INSIDE DIMENSION
CDNC	CONCRETE	INSUL	INSULATION
CDNT	CONTINUOUS	INT	INTERIOR
CDR	CORRIDOR	LAV	LAVATORY
C TO C	CENTER TO CENTER	LT	LIGHT
DTL	DETAIL	MATL	MATERIAL
DIA	DIAMETER	MAX	MAXIMUM
DIM	DIMENSION	MECH	MECHANICAL
DN	DOWN	MIN	MINIMUM
DWG	DRAWING	M.O.	MASONRY OPENING
D/W	DISHWASHER	MUL	MULLION
EA	EACH	MTD	MOUNTED
ELEC	ELECTRIC(AL)	N/A	NOT APPLICABLE
ELEV	ELEVATION	NIC	NOT IN CONTRACT
EX	EXISTING	#	NUMBER
EXT	EXTERIOR	NDM	NOMINAL
FEC	FIRE EXTINGUISHER CABINET	NTS	NOT TO SCALE
FIN.	FINISH	O.C.	ON CENTER
FL	FLOOR	OD	OUTSIDE DIAMETER
F.O.	FACE OF	OPP	OPPOSITE
F.O.F.	FACE OF FRAMING	PT(C)	PAINT(ED)
PLYWD	PLYWOOD		
R	RISER, RADIUS		
REBAR	REINFORCING BAR		
REF	REFRIGERATOR		
REQ'D	REQUIRED		
REV	REVISION		
RM, RMS	ROOM, ROOMS		
R.O.	ROUGH OPENING		
SCHED	SCHEDULE		
SEC	SECTION		
SHT	SHEET		
SIM	SIMILAR		
SPECS	SPECIFICATIONS		
SF	SQUARE FEET		
S.O.G.	SLAB ON GRADE		
STDR	STORAGE		
STRUC	STRUCTURAL		
SUSP	SUSPENDED		
T	TREAD, THICKNESS		
T.O.	TOP OF		
T.O.W.	TOP OF WALL		
TYP	TYPICAL		
UNFIN	UNFINISHED		
UND.	UNLESS NOTED OTHERWISE		
UR	URINAL		
V.I.F.	VERIFY IN FIELD		
VERT	VERTICAL		
W	WIDTH		
W/	WITH		
WC	WATER CLOSET		
WD	WOOD		
W/D	WASHER/DRYER		
WR	WATERPROOF		
∠	ANGLE		
±	DIAMETER PLUS/MINUS		
-	ABOUT		

	BUILDING SECTION
	DRAWING LOCATION
	SHEET NUMBER
	WALL SECTION
	DRAWING LOCATION
	SHEET NUMBER
	DETAIL SECTION
	DRAWING LOCATION
	SHEET NUMBER
	BUILDING ELEVATION
	DRAWING LOCATION
	SHEET NUMBER
	INTERIOR ELEVATION
	DRAWING LOCATION
	SHEET NUMBER
	SPOT ELEVATION
	DOOR REFERENCE
	KEY NOTE
	ASSEMBLY TYPE



VICINITY MAP

N.T.S.



SITE PLAN

N.T.S.



CITY OF Salem
AT YOUR SERVICE



CITY OF SALEM CONVENTION CENTER KITCHEN IMPROVEMENTS

200 COMMERCIAL STREET - SALEM, OREGON 97301

18-0927 05/21/2019
Rev 2 10/29/2019

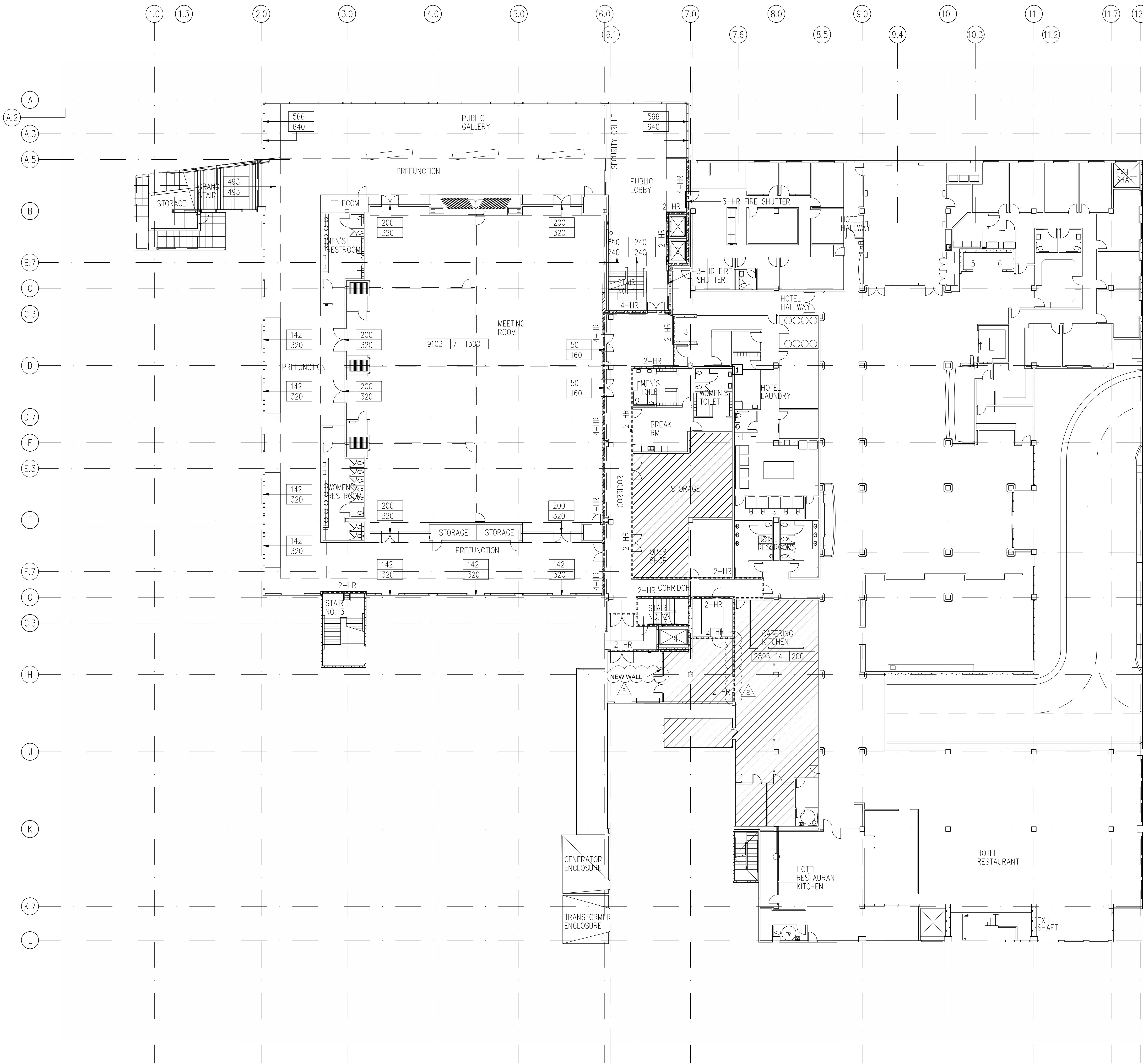
REVISIONS
2 10/29/2019

SHEET

COVER SHEET

G0.0

REV. 2 SET



1
G1.1
FIRST FLOOR FIRE LIFE SAFETY PLAN
1/16" = 1'-0"

GENERAL NOTES:

1. BUILDING IS FULLY SPRINKLERED (NFPA 13), MAKE CODE MINIMUM CORRECTIONS AS REQUIRED PER NEW PLAN.
2. IN BUILDINGS WITH EXISTING SMOKE DETECTORS PROVIDE CODE MINIMUM CORRECTIONS AS REQUIRED. SMOKE DETECTORS TO BE TIED TO THE BUILDING ALARM SYSTEM.
3. IN BUILDINGS EQUIPPED WITH AN EXISTING VISUAL STROBE SYSTEM PROVIDE CODE MINIMUM CORRECTIONS AS REQUIRED, IF A SYSTEM DOES NOT EXIST, DO NOT ADD ONE.
4. PROVIDE EMERGENCY EGRESS LIGHTING FOR THE EGRESS PATH IN ALL PUBLIC AND TENANT SPACES. MINIMUM INTENSITY SHALL NOT BE LESS THAN 1 FOOTCANDLE AT FLOOR LEVEL ALONG THE ENTIRE LENGTH OF THE PATH, CONNECT TO BUILDING ELECTRICAL SYSTEM.
5. PROVIDE EXIT SIGNAGE. EXIT SIGNAGE SHALL BE CONNECTED TO BUILDING POWER SUPPLY WITH BATTERY BACK-UP FOR MIN 1-1/2 HOUR DURATION.
6. PROVIDE CODE MINIMUM FIRE ALARM CONNECTIONS AS REQUIRED.
7. SURVEY EXISTING CONDITIONS OF ENTIRE FLOOR WHERE PROJECT OCCURS, AND PROVIDE NOT LESS THAN ONE APPROVED FIRE EXTINGUISHER WITH RATING OF NOT LESS THAN 2A 10B/C FOR EACH 1,500 OF FLOOR AREA OR FRACTION THEREOF. TRAVEL DISTANCE TO AN EXTINGUISHER FROM ANY PORTION OF THE BUILDING SHALL NOT EXCEED 75 FEET. PROVIDE FIRE EXTINGUISHER IN ACCORDANCE WITH CURRENT CODES. PROVIDE NEW FIRE EXTINGUISHER AT ALL EXISTING CABINETS WHERE MISSING. ALL REUSED EXISTING FIRE EXTINGUISHERS ARE TO BE INSPECTED AND/OR RECHARGED, AS NECESSARY, JUST PRIOR TO SUBSTANTIAL COMPLETION.
8. PROVIDE DOOR OPENINGS IN RATED WALLS COMPLYING WITH REQUIRED SMOKE CONTROL ASSEMBLY AND INDICATED FIRE PROTECTION RATING OF NO LESS THAN 20 MINUTES.

KEYNOTES:

GROUND FLOOR EXITING SUMMARY (EXISTING)

EGRESS CALCULATION VALUES
MEETING ROOM OCCUPANT LOAD FACTOR: 7
STAIRWAY EGRESS WIDTH: 0.3" PER PERSON
OTHER EXIT COMPONENT EGRESS WIDTH: 0.2" PER PERSON

OCCUPANT LOAD
MEETING ROOM OCCUPANCY: 1300 PEOPLE
LOAD FROM GRAND STAIR: 493 PEOPLE
LOAD FROM STAIR NO. 1: 480 PEOPLE
(COMBINED PARKING AND 2ND FLOOR LOAD)
TOTAL OCCUPANCY/LOAD: 2273 PEOPLE

EXIT CAPACITY
PREFUNCTION WEST: 1280 PEOPLE
GALLERY NORTH: 1280 PEOPLE
PREFUNCTION SOUTH: 960 PEOPLE
TOTAL EXIT CAPACITY: 3520 PEOPLE

SYMBOL KEY

ROOM AREA
LOAD FACTOR
OCCUPANT LOAD
ACTUAL EXIT LOAD (PERSONS)
EXIT CAPACITY (PERSONS)

LEGEND:

2-HR WALL
INDICATES AREA OF WORK



CITY OF SALEM CONVENTION CENTER
KITCHEN IMPROVEMENTS

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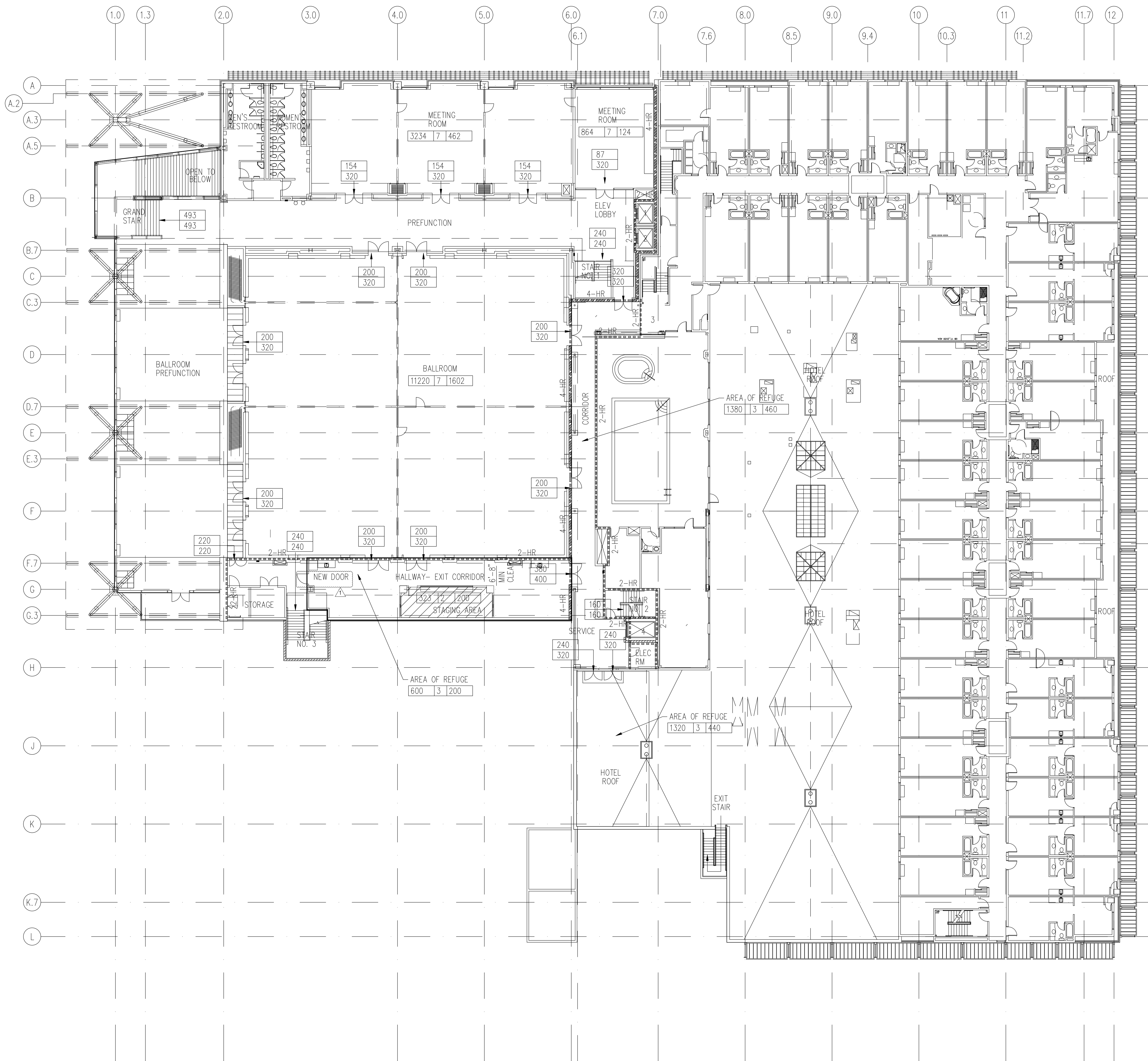
09/29/2019

SHEET

FLS PLAN - FIRST FLOOR

G1.0

REV. 2 SET



1 SECOND FLOOR FIRE LIFE SAFETY PLAN
G1.2 1/16" = 1'-0"

GENERAL NOTES:

- BUILDING IS FULLY SPRINKLERED (NFPA 13). MAKE CODE MINIMUM CORRECTIONS AS REQUIRED PER NEW PLAN
- IN BUILDINGS WITH EXISTING SMOKE DETECTORS PROVIDE CODE MINIMUM CORRECTIONS AS REQUIRED. SMOKE DETECTORS TO BE TIED TO THE BUILDING ALARM SYSTEM.
- IN BUILDINGS EQUIPPED WITH AN EXISTING VISUAL STROBE SYSTEM PROVIDE CODE MINIMUM CORRECTIONS AS REQUIRED. IF A SYSTEM DOES NOT EXIST, DO NOT ADD ONE.
- PROVIDE EMERGENCY EGRESS LIGHTING FOR THE EGRESS PATH IN ALL PUBLIC AND TENANT SPACES. MINIMUM INTENSITY SHALL NOT BE LESS THAN 1 FOOTCANDLE AT FLOOR LEVEL ALONG THE ENTIRE LENGTH OF THE PATH. CONNECT TO BUILDING ELECTRICAL SYSTEM.
- PROVIDE EXIT SIGNAGE. EXIT SIGNAGE SHALL BE CONNECTED TO BUILDING POWER SUPPLY WITH BATTERY BACK-UP FOR MIN 1-12 HOUR DURATION.
- PROVIDE CODE MINIMUM FIRE ALARM CONNECTIONS AS REQUIRED.
- SURVEY EXISTING CONDITIONS OF ENTIRE FLOOR WHERE PROJECT OCCURS, AND PROVIDE NOT LESS THAN ONE APPROVED FIRE EXTINGUISHER WITH RATING OF NOT LESS THAN 2A 10B/C FOR EACH 1,500 OF FLOOR AREA OR FRACTION THEREOF. TRAVEL DISTANCE TO AN EXTINGUISHER FROM ANY PORTION OF THE BUILDING SHALL NOT EXCEED 75 FEET. PROVIDE FIRE EXTINGUISHER IN ACCORDANCE WITH CURRENT CODES. PROVIDE NEW FIRE EXTINGUISHER AT ALL EXISTING CABINETS WHERE MISSING. ALL REUSED EXISTING FIRE EXTINGUISHERS ARE TO BE INSPECTED AND/OR RECHARGED, AS NECESSARY, JUST PRIOR TO SUBSTANTIAL COMPLETION.
- PROVIDE DOOR OPENINGS IN RATED WALLS COMPLYING WITH REQUIRED SMOKE CONTROL ASSEMBLY AND INDICATED FIRE PROTECTION RATING OF NO LESS THAN 20 MINUTES.

KEYNOTES:

SECOND FLOOR EXITING SUMMARY (EXISTING)
MEETING/EXHIBIT FUNCTION

EGRESS CALCULATION VALUES
BALLROOM OCCUPANT LOAD FACTOR: 7
MEETING ROOM OCCUPANT LOAD FACTOR: 7
STAIRWAY EGRESS WIDTH: 0.3" PER PERSON
OTHER EXIT COMPONENT EGRESS WIDTH: 0.2" PER PERSON
AREA OF REFUGE: 3 SF PER PERSON

OCCUPANT LOAD
MEETING ROOM OCCUPANCY: 586 PEOPLE
BALLROOM OCCUPANCY: 1602 PEOPLE
TOTAL OCCUPANCY: 2188 PEOPLE

EXIT CAPACITY
STAIR NO. 1: 240 PEOPLE
STAIR NO. 2: 160 PEOPLE
STAIR NO. 3: 240 PEOPLE
GRAND STAIR: 493 PEOPLE
SOUTH ROOF AREA OF REFUGE: 440 PEOPLE
HALLWAY AREAS OF REFUGE: 660 PEOPLE
TOTAL EXIT CAPACITY: 2233 PEOPLE

SYMBOL KEY

999 13 999 ROOM AREA
999 13 999 LOAD FACTOR
999 13 999 OCCUPANT LOAD
999 13 999 ACTUAL EXIT LOAD (PERSONS)
999 13 999 EXIT CAPACITY (PERSONS)

LEGEND:

----- 2-HR WALL
INDICATES AREA OF WORK



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REVISIONS

1

SHEET

FLS PLAN - SECOND FLOOR

G1.1

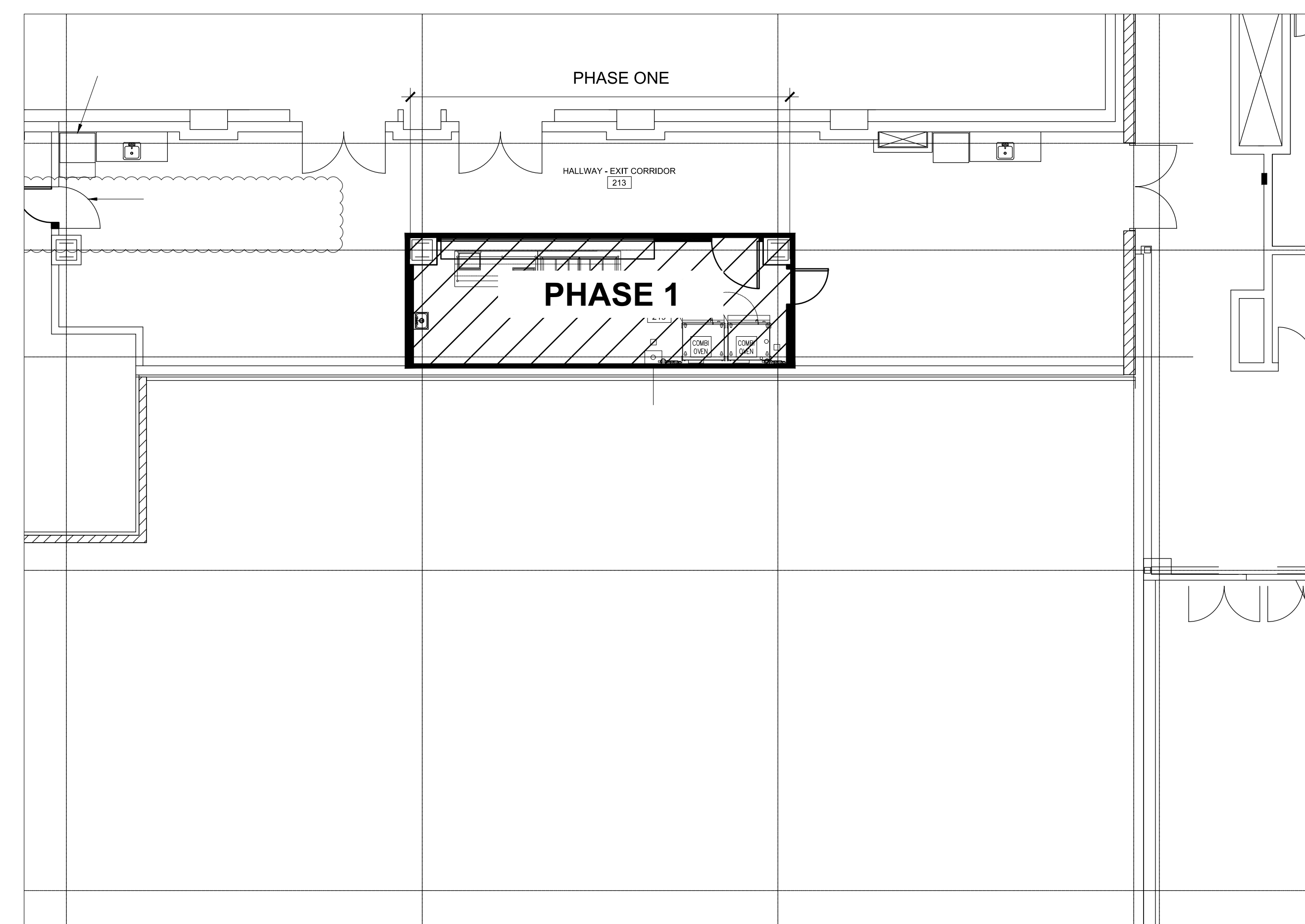
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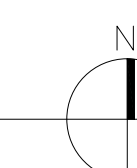
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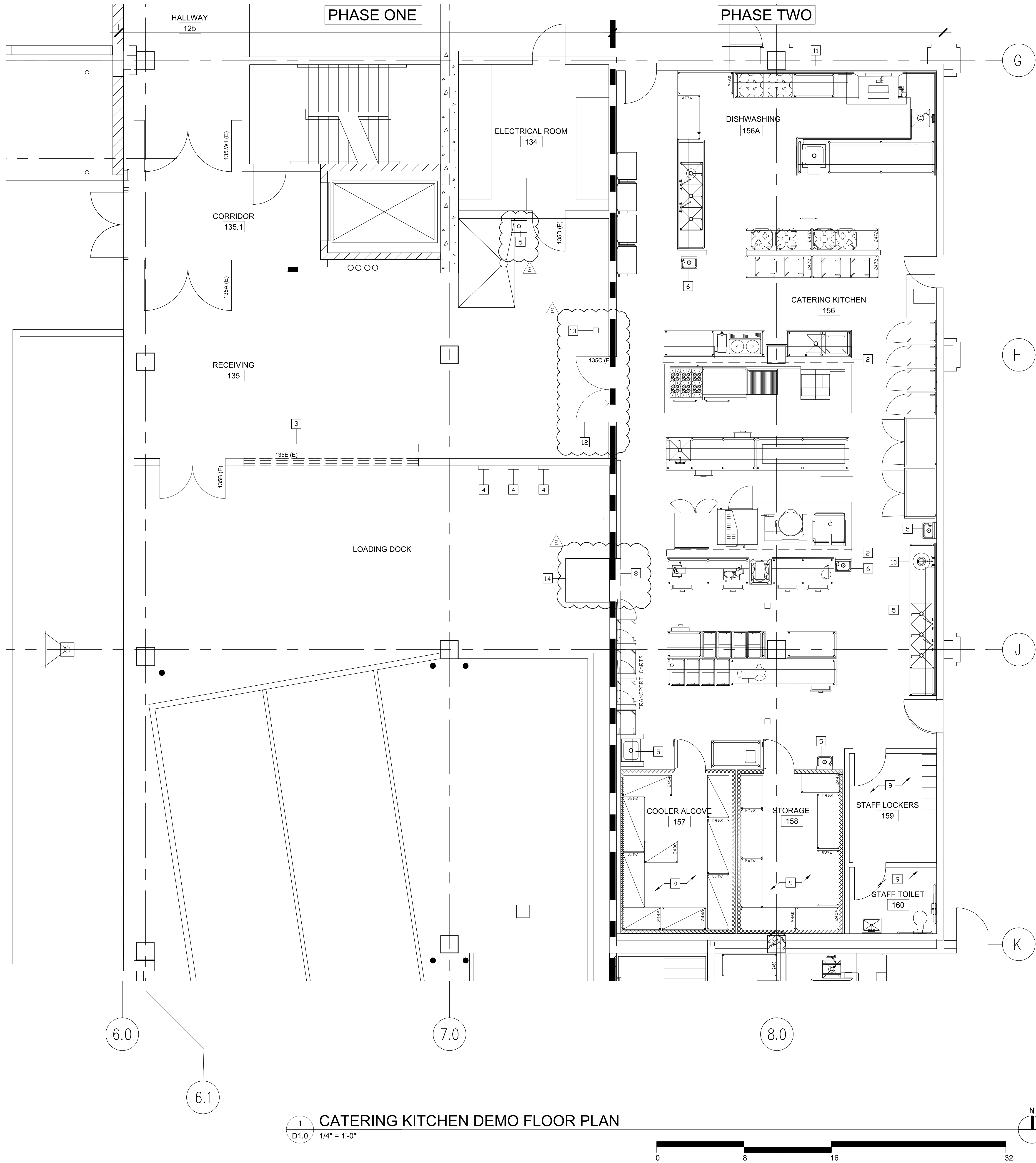
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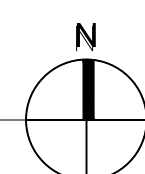
2 SECOND FLOOR SEQUENCING PLAN
G2.0 1/16" = 1'-0"





1
D1.0
1/4" = 1'-0"

CATERING KITCHEN DEMO FLOOR PLAN



GENERAL NOTES:

- EQUIPMENT IS SHOWN FOR REFERENCE ONLY. SEE EQUIPMENT DRAWING K-1 FOR EQUIPMENT DEMOLITION AND SALVAGE.
- REMOVE SUSPENDED CEILING GRID, LIGHTS AND TILE, FTP WALL CLADDING AND LOOSE FLOOR FINISHES. INTACT FLOOR TO REMAIN.
- PROTECT ALL ADJACENT AREAS DURING DEMOLITION & FROM DUST AND TRASH INTRUSION.
- PATCH AREAS ADJOINING AND/OR ADJACENT TO DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- REMOVE AND SALVAGE FIRE EXTINGUISHERS FOR REUSE.
- NOTIFY ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO CUTTING OR CORING FOR CONFIRMATION OF INTENT FOR LOCATION AND LAYOUT. CONTRACTOR IS RESPONSIBLE TO CONFIRM LOCATIONS OF VISIBLE AND CONCEALED ITEMS INCLUDING TENONS, CABLING, UTILITIES PRIOR TO CUTTING AND CORING.
- SEE EQUIPMENT DRAWINGS FOR EQUIPMENT DEMO PLAN. DEMO OR SALVAGE ALL EQUIPMENT AND CASEWORK UNO. VERIFY WITH OWNER WHICH ITEMS ARE TO BE SALVAGED FOR REUSE.

KEYNOTES:

- MAINTAIN WALLS IN THIS AREA
- DEMO WALL
- DEMO DOOR
- PROTECT EXISTING ELECTRICAL METERS
- SINK TO REMAIN
- DEMO SINK
- NOT USED
- SAWCUT NEW OPENING FOR 36" W X 80" H FINISHED OPENING
- NO WORK IN THIS AREA
- CASEWORK TO REMAIN
- CUT (E) WALL FOR TRANSFER GRILLE (108"W x 52"H). VERIFY LOCATION WITH ARCHITECT
- (E) DOOR TO REMAIN
- SAWCUT POST TENSIONED SLAB FOR NEW FLOOR SINK
- PARTIALLY DEMO TOPPING SLAB FOR NEW RAMP

LEGEND:

- DEMOLISH EXISTING ELEMENT
- EXISTING WALL



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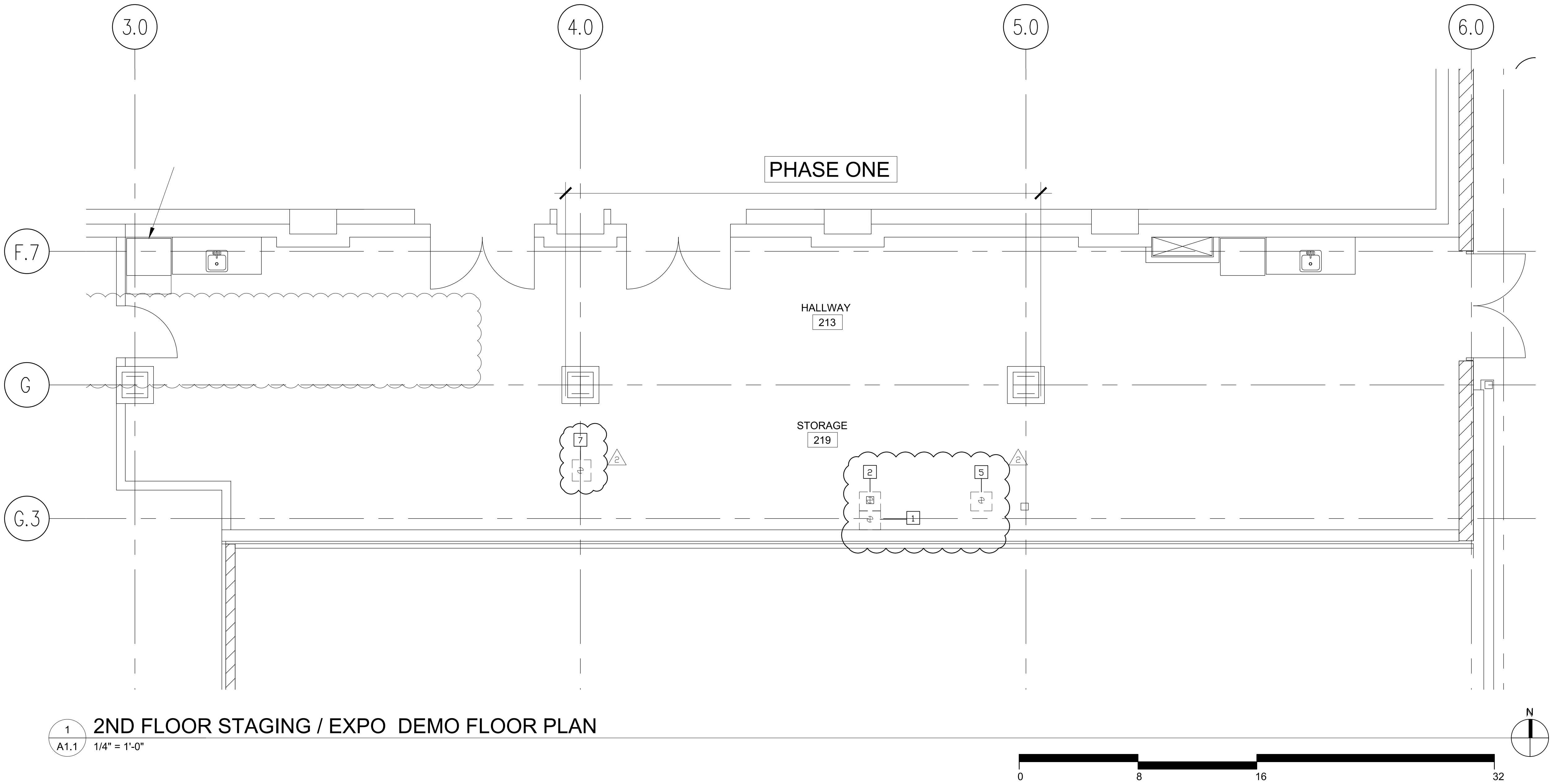
10/29/2019

SHEET

DEMO PLAN - FIRST FLOOR

D1.0

REV. 2 SET



- GENERAL NOTES:**
- 1. REMOVE EXISTING FINISHES THROUGHOUT AREA OF WORK.
 - 2. PROTECT ALL ADJACENT AREAS DURING DEMOLITION & FROM DUST AND TRASH INTRUSION
 - 3. PATCH AREAS ADJOINING AND/OR ADJACENT TO DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
 - 4. REMOVE AND SALVAGE FIRE EXTINGUISHERS FOR REUSE.
 - 5. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO CUTTING AND CORING FOR CONFIRMATION OF INTENT OF LOCATION AND LAYOUT. CONTRACTOR IS RESPONSIBLE TO CONFIRM LOCATIONS OF VISIBLE AND CONCEALED ITEMS INCLUDING TENONS, CABLING, UTILITIES PRIOR TO CUTTING OR CORING.
 - 6. DELETE FLOOR SINK
 - 7. RELOCATE HANDSINK

- KEYNOTES:**
- 1 LOCATION OF NEW HAND SINK
 - 2 LOCATION OF NEW FLOOR SINK



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2	09/29/2019
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DEMO PLAN - SECOND FLOOR
D1.1
REV. 2 SET



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10/29/2019

SHEET

FIRST FLOOR PLAN

A1.0

REV. 2 SET

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GENERAL NOTES:

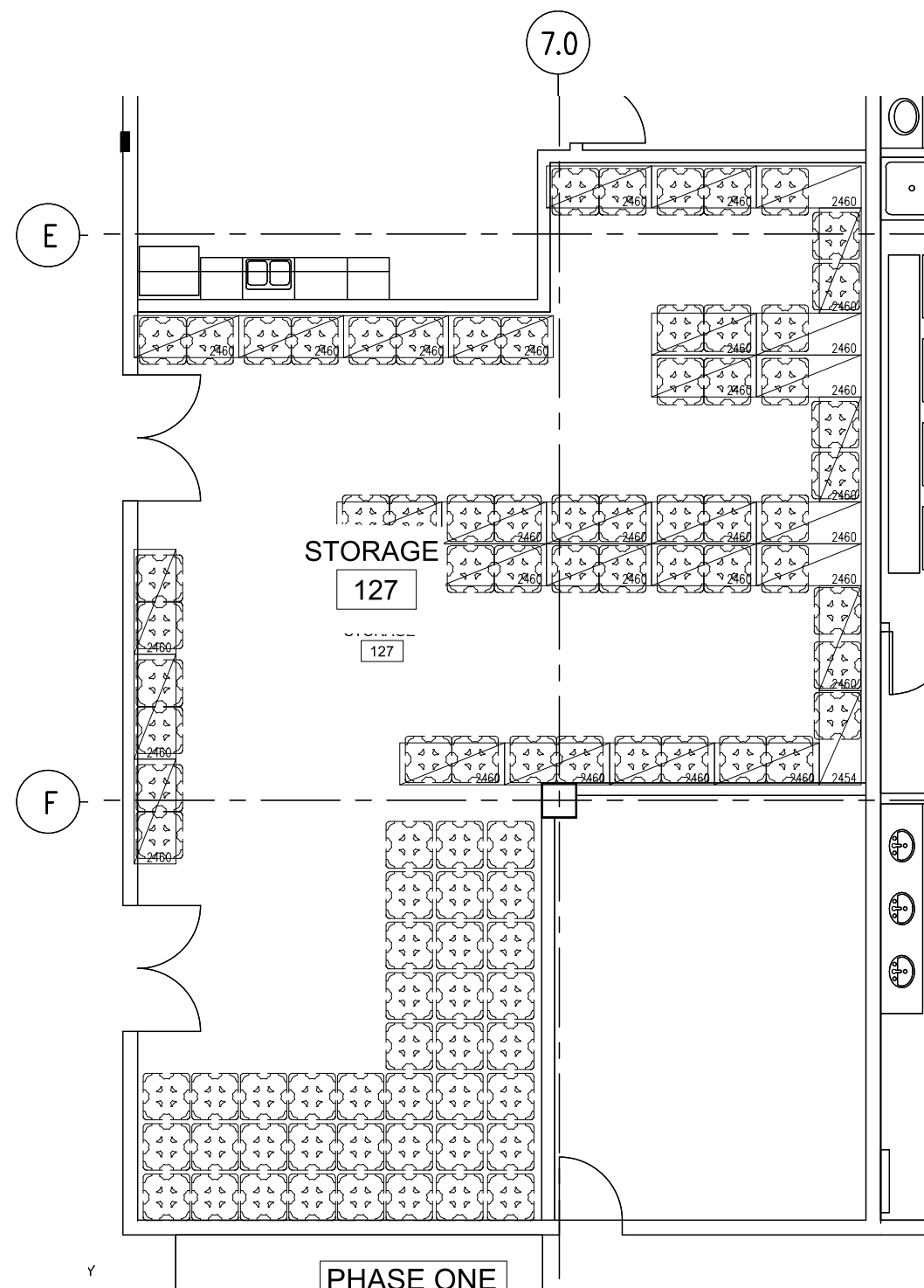
- DIMENSIONS ARE TO FACE OF STUD OR FACE OF EXISTING CONDITION, U.N.O.
- CAREFULLY EXAMINE THE PROJECT SITE AND CONSTRUCTION DOCUMENTS. VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
- DIMENSIONS TAKE PRECEDENCE OVER SCALE.
- KEEP PROJECT AREA OF WORK FREE OF GARBAGE AND DEBRIS ON A DAILY BASIS.
- THOROUGHLY CLEAN PREMISES UPON COMPLETION OF WORK. INCLUDE CLEANING OF ADJACENT AREAS WITHIN AND AROUND THE BUILDING THAT ARE NOT PART OF THE WORK AREA, BUT WERE AFFECTED BY CONSTRUCTION OPERATIONS.
- CONTRACTOR WILL BE HELD RESPONSIBLE TO REPAIR /REFINISH ANY DAMAGE TO EXISTING SURFACES IN IMPROVEMENT AREA CAUSED BY CONSTRUCTION OPERATIONS.
- WHERE ALL NEW PARTITIONS ABUT, JOIN OR CONNECT TO EXISTING SURFACES, WALLS, OR NEW CONSTRUCTION, THE FINISHED SURFACE SHALL BE ALIGNED FLUSH.
- EXISTING WALLS AND SURFACES SHALL BE STRIPPED, RESURFACED, AND PATCHED AS REQUIRED.
- DOORS SHALL OPEN FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- NEW DOOR HARDWARE SHALL MATCH EXISTING BUILDING STANDARD LEVER HANDLE WITH FINISH TO MATCH BUILDING STANDARD. FINISH OF HINGES AND CLOSERS TO MATCH. ALL HARDWARE SHALL BE ADA ACCESSIBLE.
- CONTRACTOR SHALL VERIFY COMPATIBILITY OF HARDWARE SPECIFIED WITH BUILDING KEYING SYSTEM.
- ON DOORS WITH CLOSERS, MATCH EXISTING BUILDING STANDARD FINISH AND TYPE.
- WHERE EXISTING DOOR OPENINGS DO NOT COMPLY WITH PRESENT BUILDING CODE REQUIREMENTS, PROVIDE NEW DOORS, FRAMES AND HARDWARE THAT COMPLY.
- ADJUST THE RESISTIVE FORCE OF ALL NEW AND EXISTING INTERIOR DOOR CLOSERS IN THE PROJECT AREA TO A MAXIMUM PRESSURE OF 5 LBS. TO COMPLY WITH ADA REQUIREMENTS.
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- PAINT EXISTING WALLS WITH 2 COATS OF EGGSHELL FINISH PAINT UNLESS OTHERWISE NOTED.
- SUBMIT COLOR DRAW-DOWNS TO ARCHITECT AND OWNER FOR APPROVAL PRIOR TO APPLICATION.
- NOT USED
- ALL NEW WALLS AND PARTITIONS SHALL HAVE TAPED JOINTS (3) COATS SANDED AND PRIMED TO MEET PAINT READY REQUIREMENTS.
- NOT USED
- DISPOSE OF ALL PAINT MATERIALS OFF SITE. DO NOT POUR DOWN DRAINS, CATCH BASINS, OR IN LANDSCAPING.
- PROVIDE A FULL GALLON OF EACH WALL COLOR WITH LABELS. LABEL ALL LEFT OVER PAINT, AND DELIVER TO OWNER WHERE DIRECTED.
- TAPE AND SAND EXPOSED GYPSUM BOARD FOR A FLAT, SMOOTH SURFACE FINISH TO MATCH EXISTING ADJACENT SURFACES IN BUILDING, UNLESS OTHERWISE INDICATED.
- PROVIDE FINISH MATERIALS MATCHING ESTABLISHED BUILDING STANDARD QUALITY, UNLESS OTHERWISE INDICATED.
- PROVIDE COLORS APPROVED BY OWNER AND ARCHITECT.
- CONTRACTOR TO FILL AND PATCH EXISTING CONCRETE SLABS AND SHALL PROVIDE SMOOTH UNIFORM SURFACE PRIOR TO NEW FLOOR COVERINGS TO BE INSTALLED.

KEYNOTES:

- SEE EQUIPMENT DRAWINGS
- NO WORK IN THIS AREA
- NOT USED
- PRESERVE AND PROTECT ELECTRICAL METERS DURING CONSTRUCTION
- LOCATE STEEL IN POST TENSIONED SLABS PRIOR TO CUTTING OR DRILLING HOLES FOR NEW PLUMBING. VERIFY LOCATION WITH ARCHITECT AND STRUCTURAL ENGINEER
- NEW STEEL DOUBLE DOORS
- NEW COILING OVER HEAD DOOR
- DELETE W5 WALL IN THIS LOCATION
- DELETE W1 WALL IN THIS LOCATION
- CHANGE W2 WALLS TO W1A WALLS
- CHANGE W3 WALLS TO W1A WALLS
- RELOCATE (E) STAINLESS STEEL COUNTER AND PROP SINK TO THIS LOCATION, ADD NEW FLOOR SINK

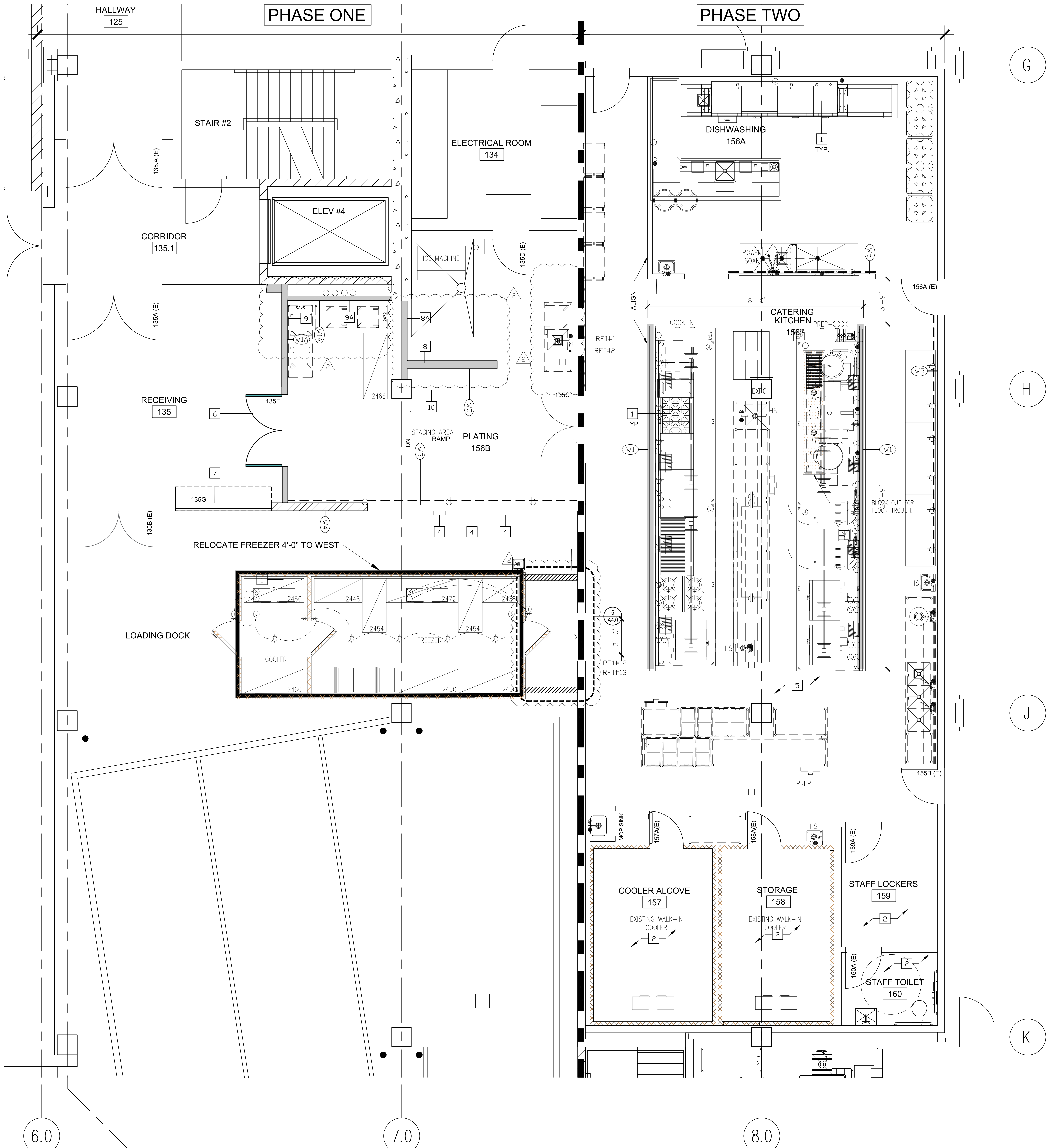
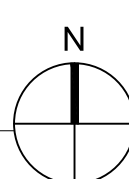
LEGEND:

- DEMOLISH EXISTING ELEMENT
- EXISTING WALL
- NEW WALL
- INFILL WALL
- PLYWOOD BACKING, SEE WALL TYPE W5



CATERING KITCHEN STORAGE

A1.0 1/8" = 1'-0"

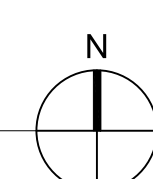


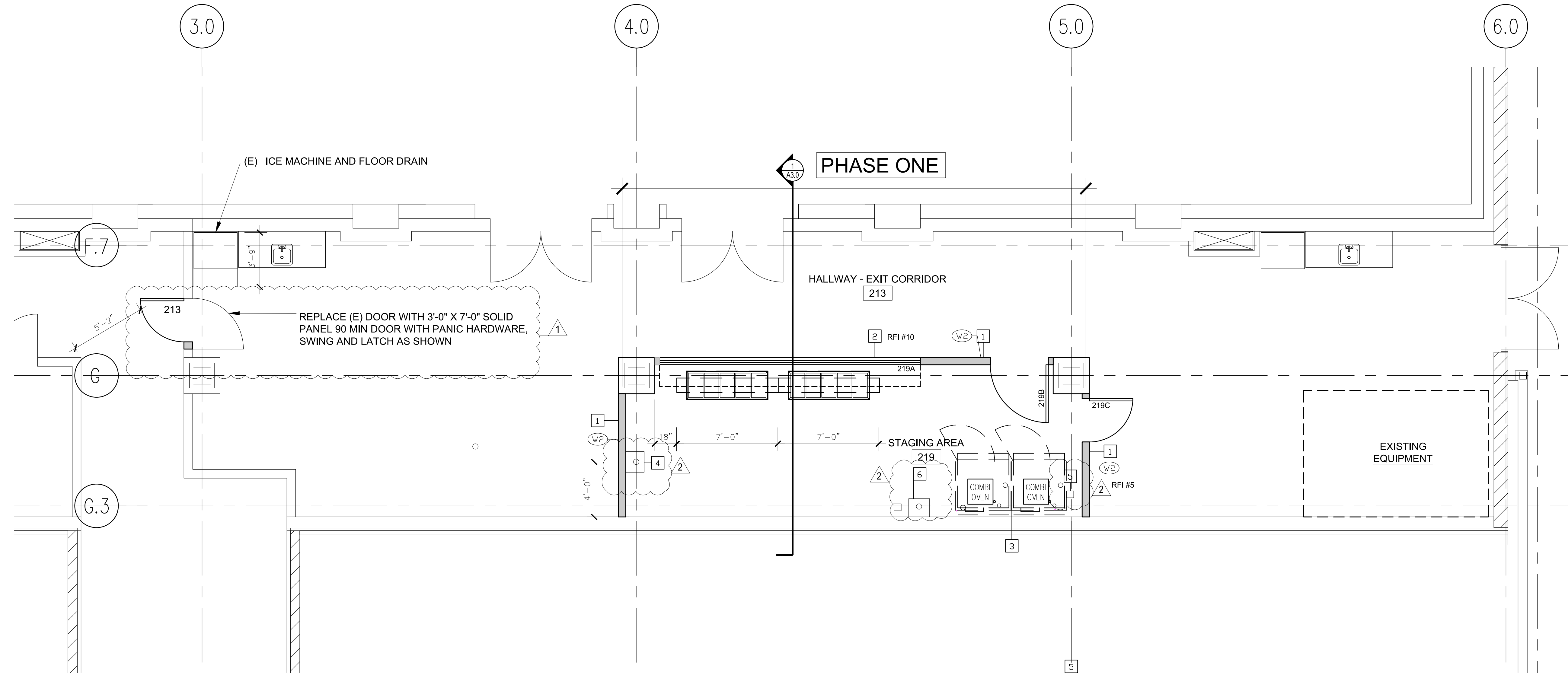
PHASE ONE

PHASE TWO

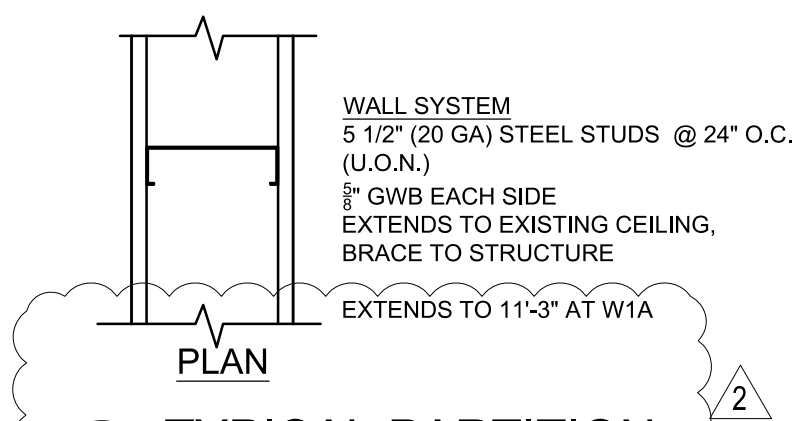
CATERING KITCHEN FLOOR PLAN

A1.0 1/4" = 1'-0"

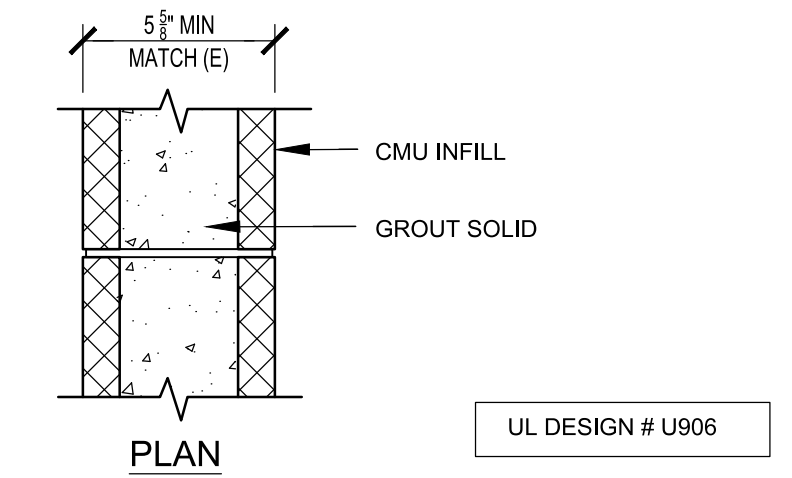




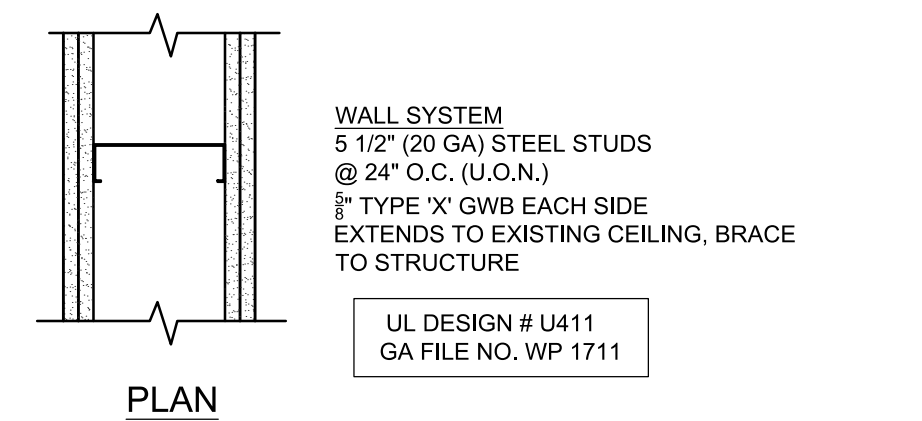
1 2ND FLOOR STAGING / EXPO PLAN
A1.1 1/4" = 1'-0"



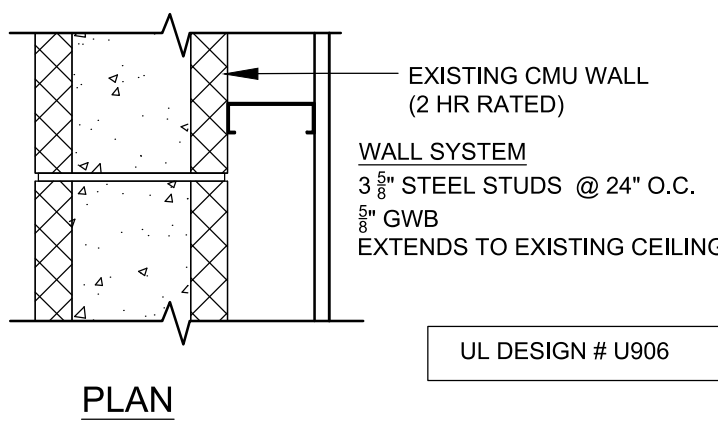
W1A TYPICAL PARTITION
W1 1 1/2" = 1'-0"



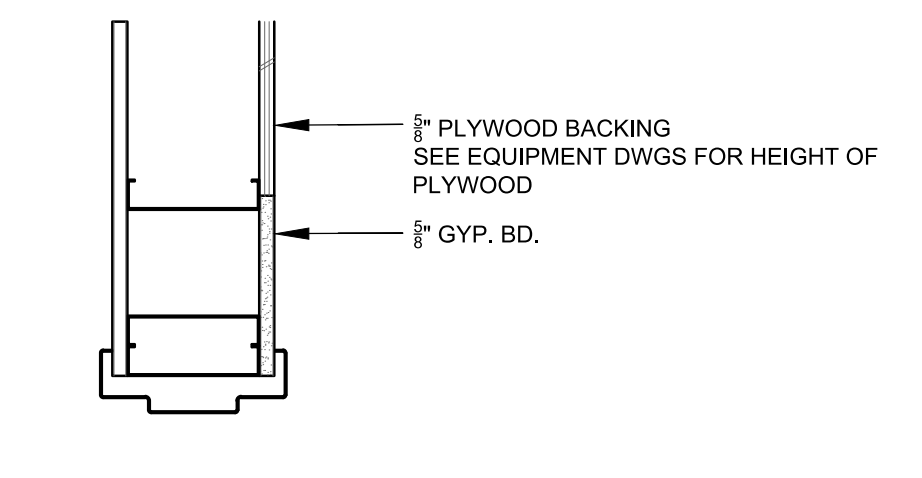
W4 CMU WALL
W5 1 1/2" = 1'-0"



W2 2-HR RATED WALL PARTITION
W3 1 1/2" = 1'-0"



W4 FURRED WALL (2 HR RATED ASSEMBLY)
W5 1 1/2" = 1'-0"



W4 EQUIPMENT BACKER WALL
W5 1 1/2" = 1'-0"

2 WALL ASSEMBLY TYPES:
A1.1

FINISH LEGEND:

SYMBOL	DESCRIPTION	BRAND	STYLE	MODEL #	SIZE	NOTES
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	WASHABLE WHITE	231F	12' X 24'	WASHABLE
FL-1	RESIN FLOORING + BASE	BAF/MASTERTOP SRS		71TC	POLUR	OWNER WOULD LIKE A SMALLER GRIT
WP-1	FIBERGLASS REINFORCED PLASTIC (FR) PANOLAM	TBD				SMOOTH

FINISH SCHEDULE:

ROOM NAME	ROOM #	FLOOR	WALLS	CEILING	NOTES
KITCHEN	156	FL-1	WP-1	ACT-1	
DISHWASHING	156A	FL-1	WP-1	ACT-1	
PLATING	156B	FL-1	WP-1	ACT-1	
RECEIVING	135				EXISTING TO REMAIN
HALLWAY	213				EXISTING TO REMAIN
STAGING AREA	219	FL-1	WP-1	ACT-1	
STORAGE	127	FL-1	WP-1		

GENERAL NOTES:

- DIMENSIONS ARE TO FACE OF STUD OR FACE OF EXISTING CONDITION, U.N.O.
- CAREFULLY EXAMINE THE PROJECT SITE AND CONSTRUCTION DOCUMENTS. VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
- DIMENSIONS TAKE PRECEDENCE OVER SCALE.
- KEEP PROJECT AREA OF WORK FREE OF GARBAGE AND DEBRIS ON A DAILY BASIS.
- THOROUGHLY CLEAN PREMISES UPON COMPLETION OF WORK. INCLUDE CLEANING OF ADJACENT AREAS WITHIN AND AROUND THE BUILDING THAT ARE NOT PART OF THE WORK AREA, BUT WERE AFFECTED BY CONSTRUCTION OPERATIONS.
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- CONTRACTOR TO FILL AND PATCH EXISTING CONCRETE SLABS AND SHALL PROVIDE SMOOTH UNIFORM SURFACE PRIOR TO NEW FLOOR COVERINGS TO BE INSTALLED.

KEYNOTES:

- WALL EXTENDS TO STRUCTURE
- FIRE RATED COILING DOOR W/ FUSIBLE LINKS TIED TO FIRE ALARM SYSTEM
- SEE EQUIPMENT DRAWINGS
- RELOCATE HAND SINK
- DELETE THIS FLOOR SINK
- NEW HAND SINK LOCATION AND FLOOR SINK

LEGEND:

- EXISTING WALL
- ○ ○ ○ NEW WALL

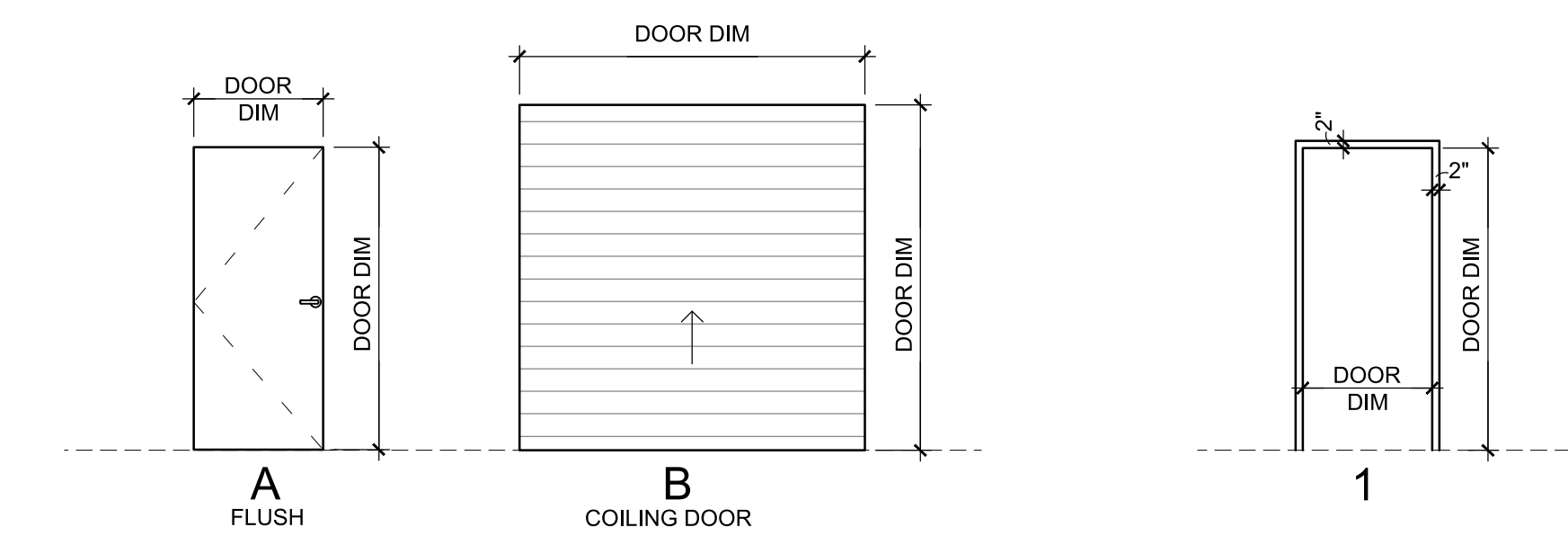
DOOR SCHEDULE

NO.	DESTINATION / ROOM NAME	DOOR SIZE	PAIR	TYPE	MATL	FIN	MATL	FIN	DETAILS	HARDWARE GROUP	CLOSER	RATING	NOTES
FIRST FLOOR													
135A	RECEIVING		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
135B	RECEIVING		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
135C	RECEIVING		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
135D	RECEIVING		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
135E	RECEIVING		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
135F	RECEIVING	6'-0" X 7'-0"	YES	A	METAL	PT	METAL	PT	-	-	-	90 MIN	NEW
135G	RECEIVING	6'-0" X 7'-0"	NO	B	METAL	PT	METAL	PT	-	-	-	-	EXISTING TO REMAIN
135.1A	CORRIDOR		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
155B	CATERING KITCHEN		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
156A	CATERING KITCHEN		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
157A	COOLER ALCOVE		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
158A	STORAGE		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
159A	STAFF LOCKERS		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
160A	STAFF TOILET		-	-	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
SECOND FLOOR													
219A	STAGING AREA	18'-0" X 7'-0"	NO	B	METAL	PT	METAL	PT	-	-	-	90 MIN	NEW
219B	STAGING AREA	4'-0" X 7'-0"	NO	A	METAL	PT	METAL	PT	-	-	-	90 MIN	NEW
219C	STAGING AREA	3'-0" X 7'-0"	NO	A	METAL	PT	METAL	PT	-	-	-	90 MIN	NEW
213	EXIT DOOR	3'-0" X 7'-0"	NO	A	METAL	PT	METAL	PT	-	-	-	90 MIN	NEW

GENERAL NOTES
1 ALL NEW HARDWARE TO MEET ADA ACCESSIBILITY CODE REQUIREMENTS
2

DOOR TYPES
A SINGLE FLUSH DOOR
B COILING DOOR

HARDWARE GROUPS
1 ENTRY DOOR LOCK, CLOSER, PANIC BAR.
2 STORAGE ROOM LOCK
3 PASSAGE SET
4 DOOR PULL, PUSH PLATE, CLOSER
5 PRIVACY LOCK
6 LOCK, PANIC HARDWARE, PROVIDE "EXIT ONLY,"



DOOR TYPES:

N.T.S. REFER TO DOOR SCHEDULE - FOR SIZES, MATERIALS, & FINISHES

HOLLOW METAL DOOR FRAME:

N.T.S.

CITY OF SALEM CONVENTION CENTER KITCHEN IMPROVEMENTS

200 COMMERCIAL STREET - SALEM, OREGON 97301

18-0927 05/21/2019
Rev 2 10/29/2019

PROJECT NO. ISSUE DATE

REVISIONS
1 08/08/2019
2 10/29/2019

SHEET

SECOND FLOOR PLAN

A1.1

REV. 2 SET



MBA MERRYMAN BARNES ARCHITECTS 7713 N. ALBINA AVE. SUITE 304 PORTLAND, OREGON 97217 P.503.222.3753



CITY OF SALEM CONVENTION CENTER
KITCHEN IMPROVEMENTS

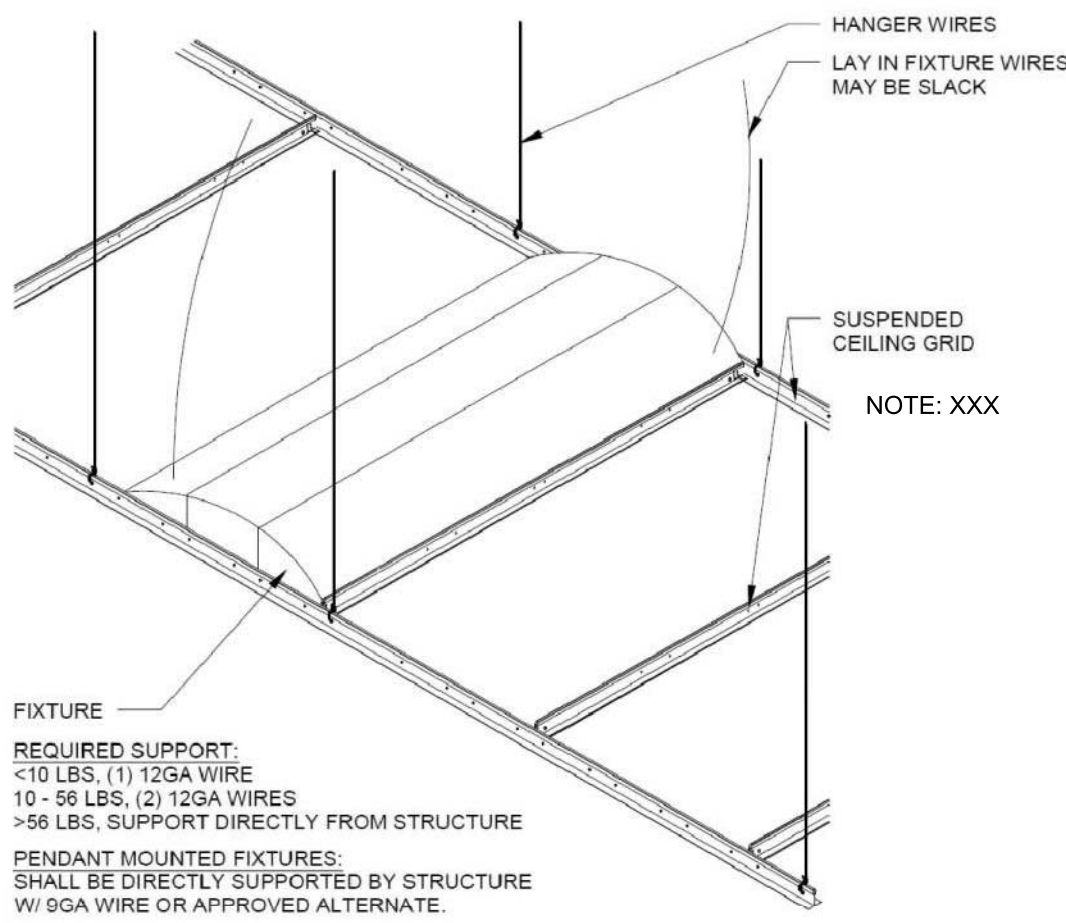
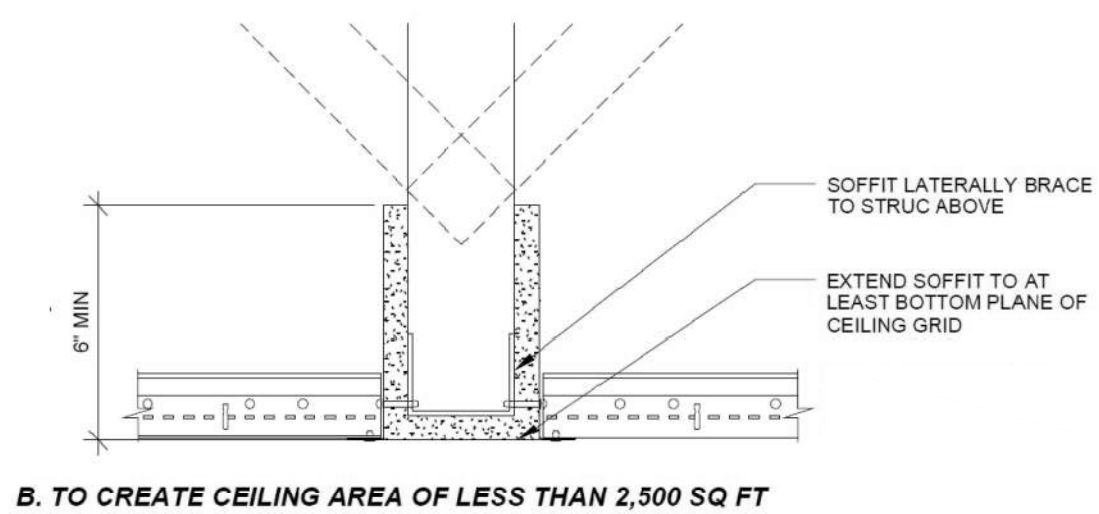
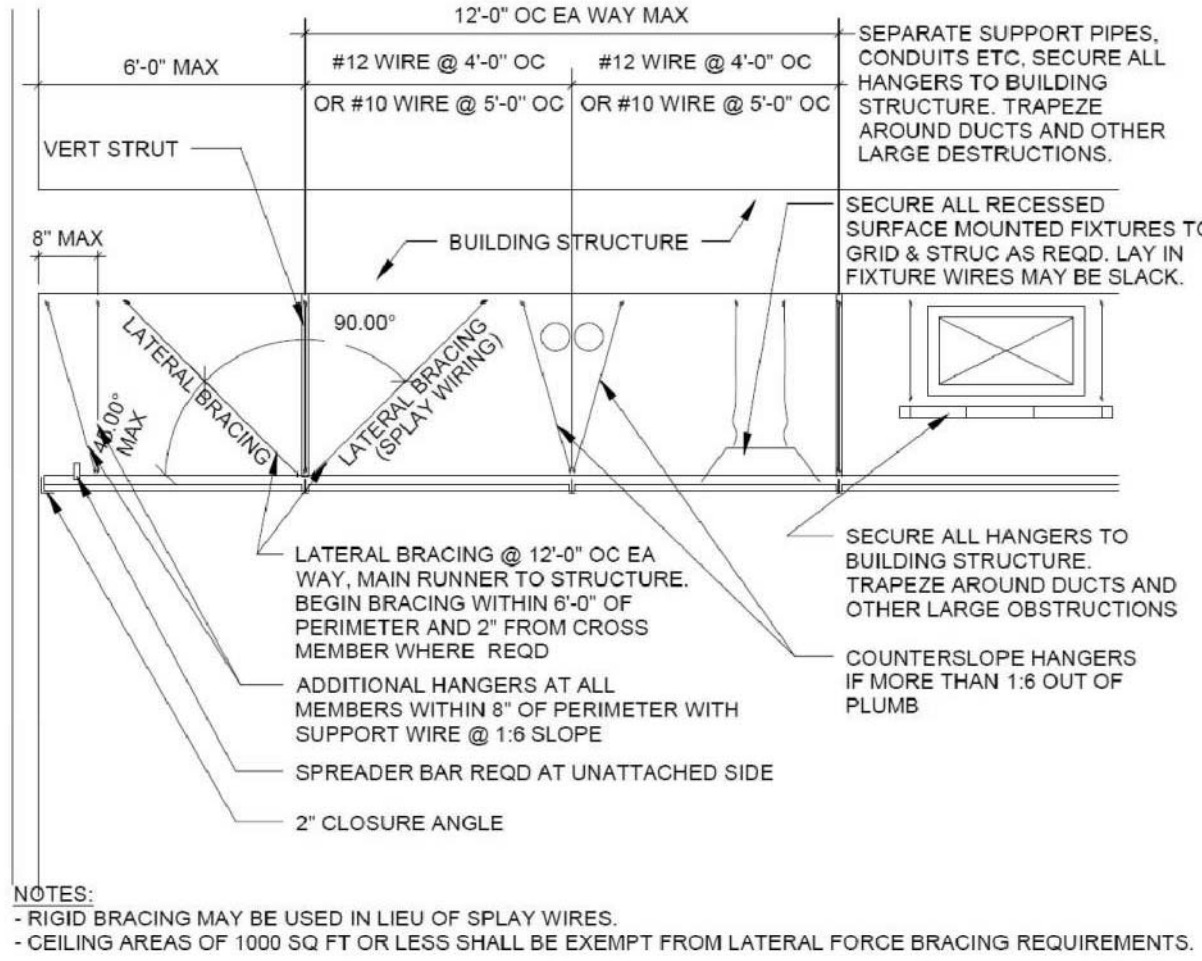
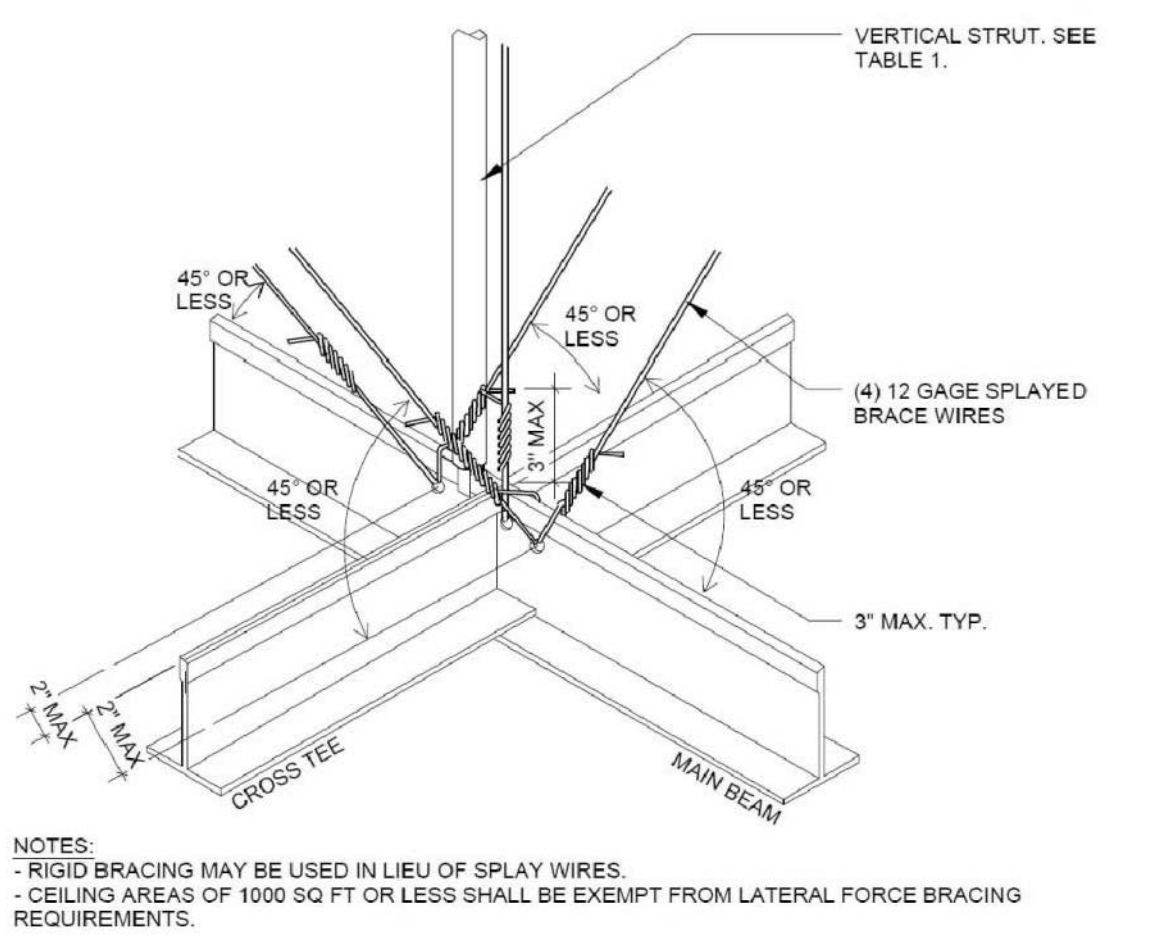
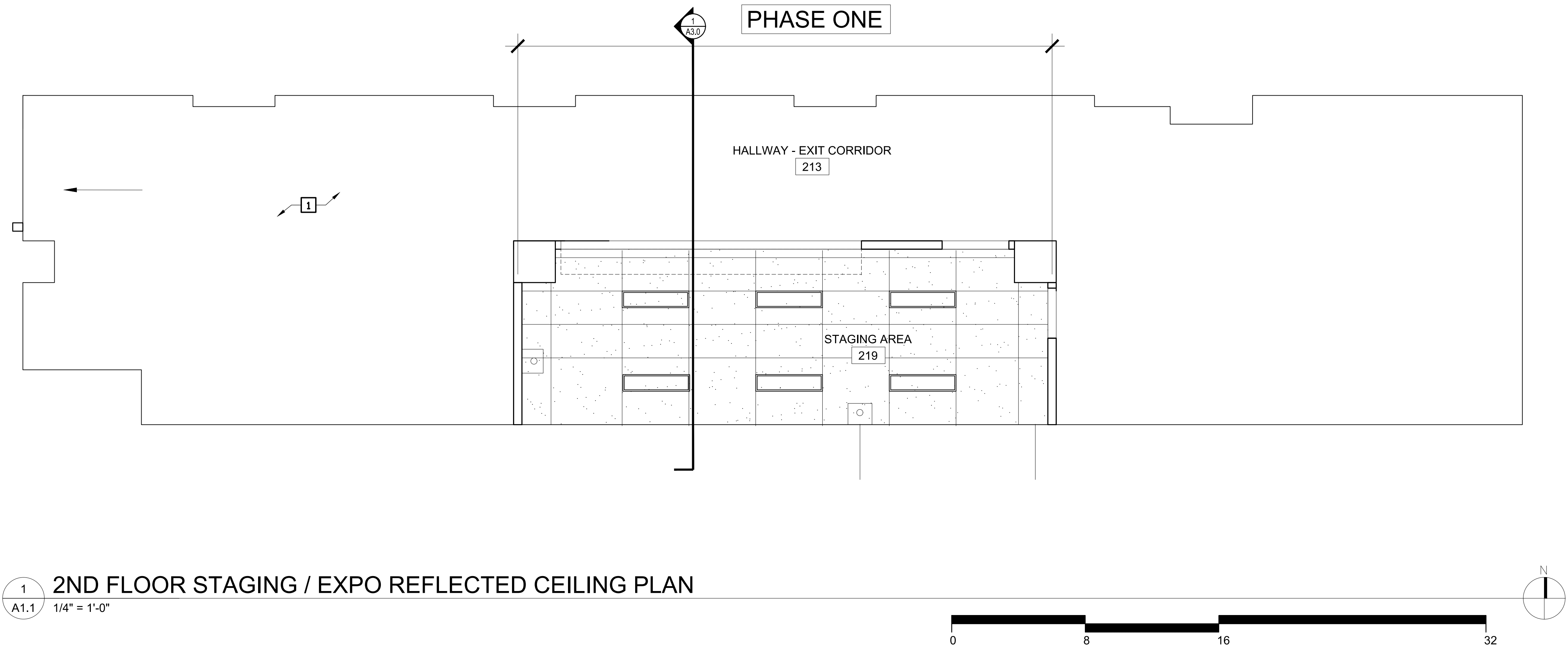
200 COMMERCIAL STREET - SALEM, OREGON 97301

MBA MERRYMAN BARNES ARCHITECTS 7713 N. ALBINA AVE. SUITE 304 PORTLAND, OREGON 97217 P: 503.222.3753

- GENERAL NOTES:
- DIMENSIONS ARE TO FACE OF STUD OR FACE OF EXISTING CONDITION, U.N.O.
 - ALL PIPE AND CONDUIT PENETRATIONS TO BE FIRESTOPPED AT RATED ASSEMBLIES.
 - REFER TO ELECTRICAL FOR LIGHT FIXTURE REQUIREMENTS/LAYOUT

- KEYNOTES:
- 1 NO WORK IN THIS AREA

- LEGEND:
- (ACT-1) ACOUSTICAL CEILING TILE
- TYPE A1 LIGHT FIXTURE, SEE ELECTRICAL

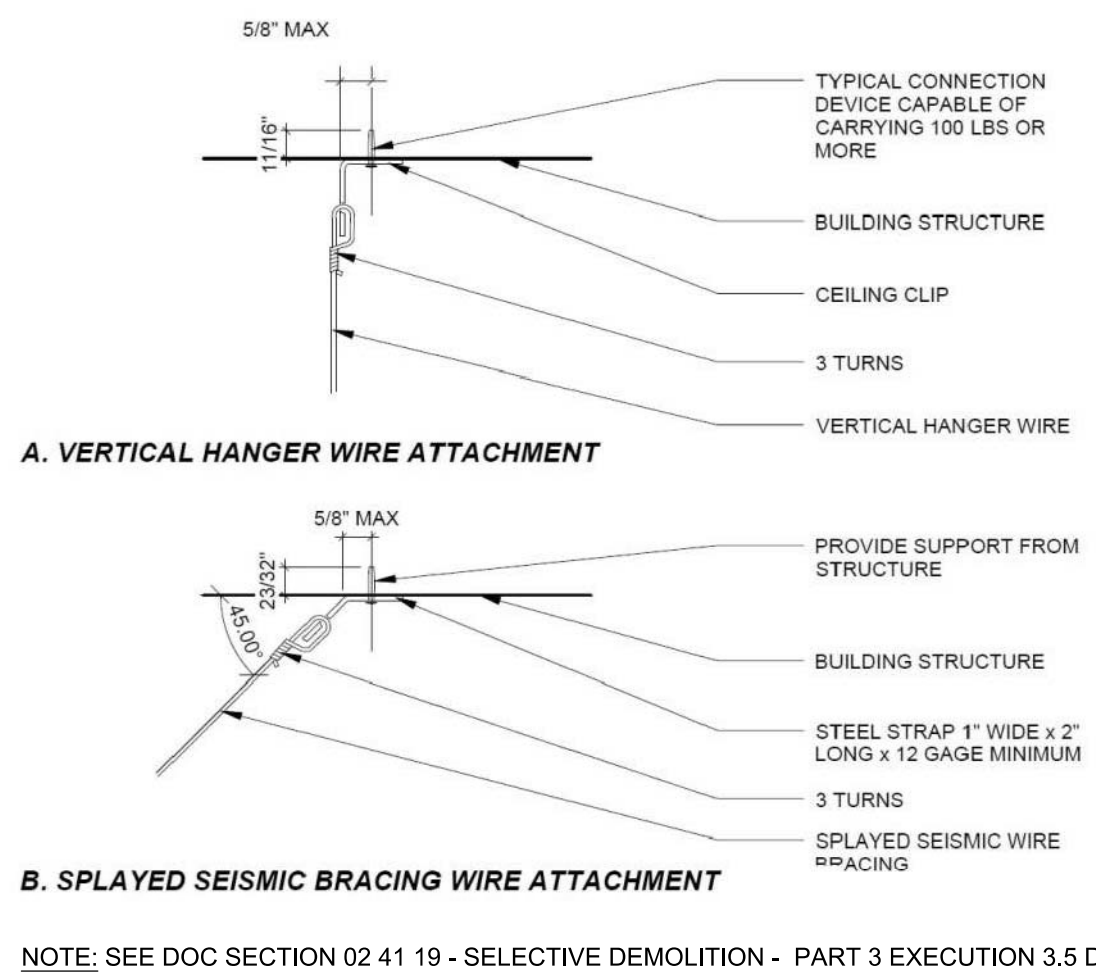


1 LATERAL FORCE BRACING
N.T.S.

2 LATERAL FORCE BRACING - SECTION
1/2" = 1'-0"

3 SEISMIC SEPARATION JOINT SECTION
1/2" = 1'-0"

4 FIXTURE SUPPORT
N.T.S.



5 WIRE ATTACHMENT DETAILS
N.T.S.

18-0927 05/21/2019
Rev 2 10/29/2019

PROJECT NO. ISSUE DATE

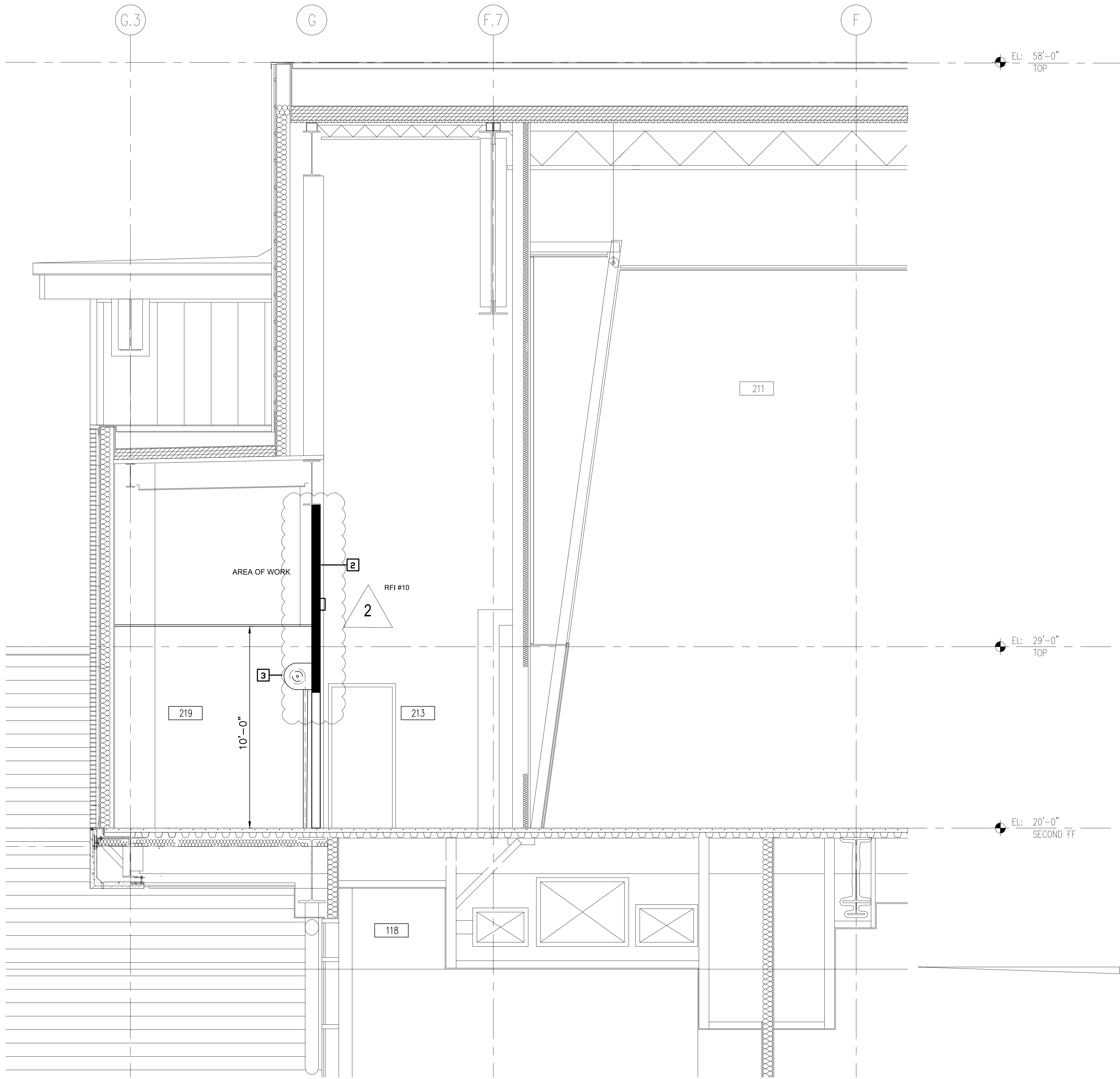
REVISIONS

SHEET

RCP PLAN - SECOND FLOOR

A2.1

REV. 2 SET



1 PARTIAL SECTION - SOUTH WALL
SCALE: 3/8" = 1'-0"

GENERAL NOTES:

1. DIMENSIONS ARE TO FACE OF STUD OR FACE OF EXISTING CONDITION, U.N.O.

KEYNOTES:

- 1 NEW ACOUSTICAL CEILING
2 NEW WALL
3 90 MIN. FIRE RATED COILING DOOR



CITY OF SALEM CONVENTION CENTER
KITCHEN IMPROVEMENTS

200 COMMERCIAL STREET - SALEM, OREGON 97301

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18-0927 05/21/2019
Rev 2 10/29/2019

PROJECT NO. ISSUE DATE

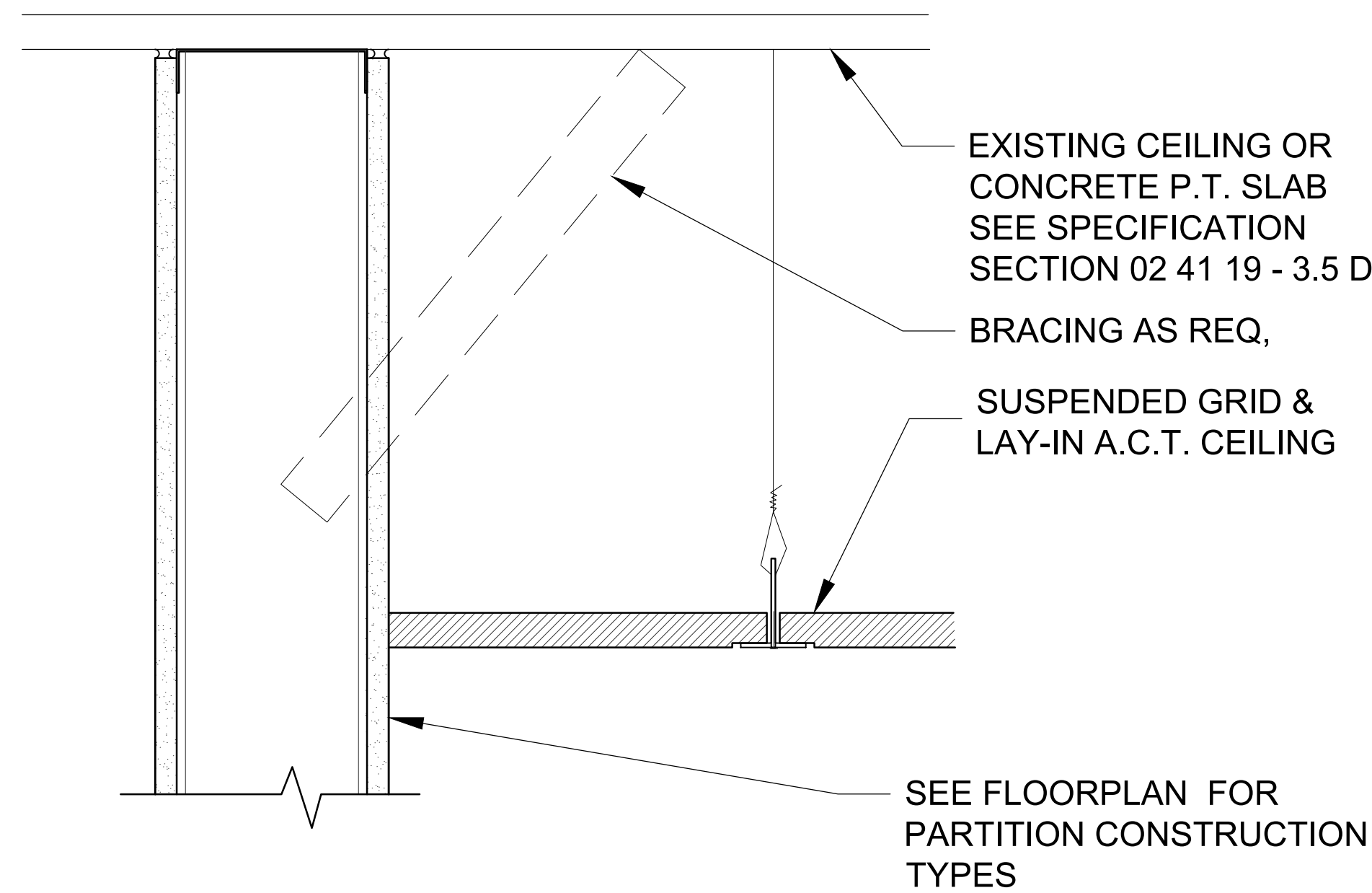
REVISIONS
10/29/2019

SHEET

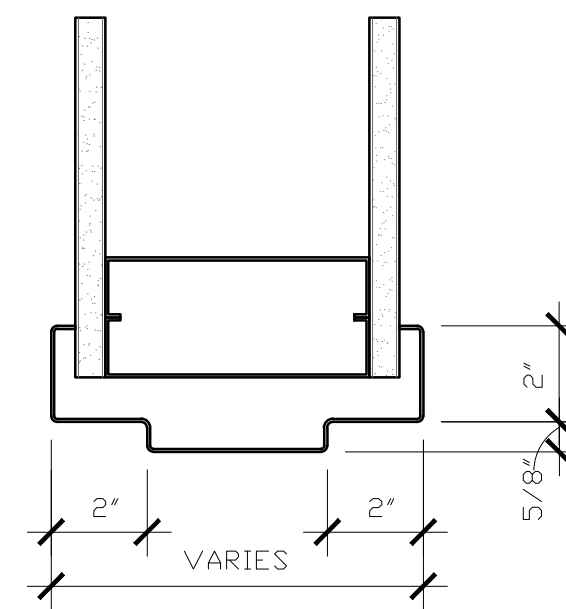
PARTIAL SECTION

A3.0

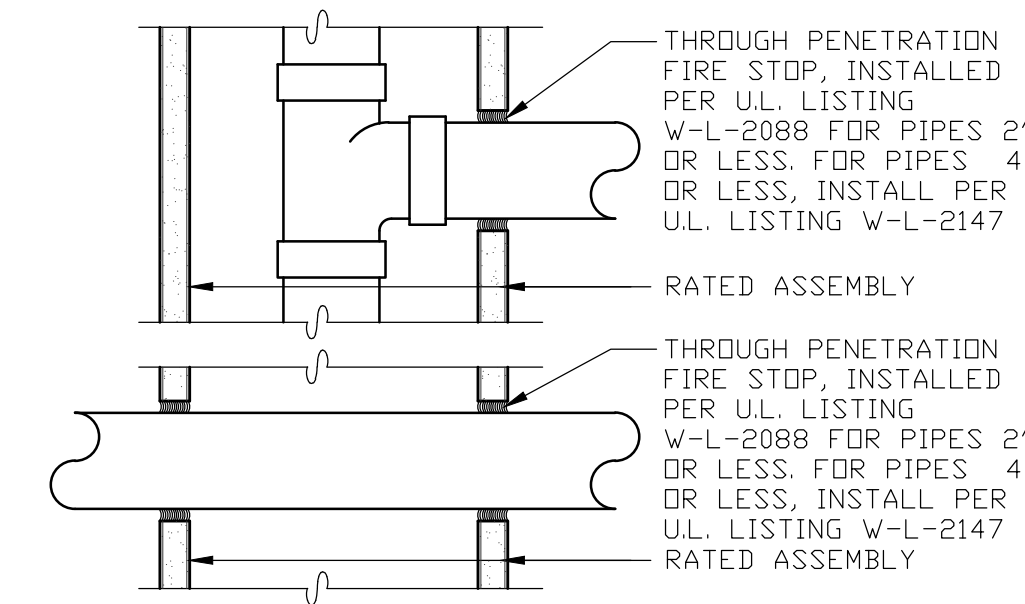
REV. 2 SET



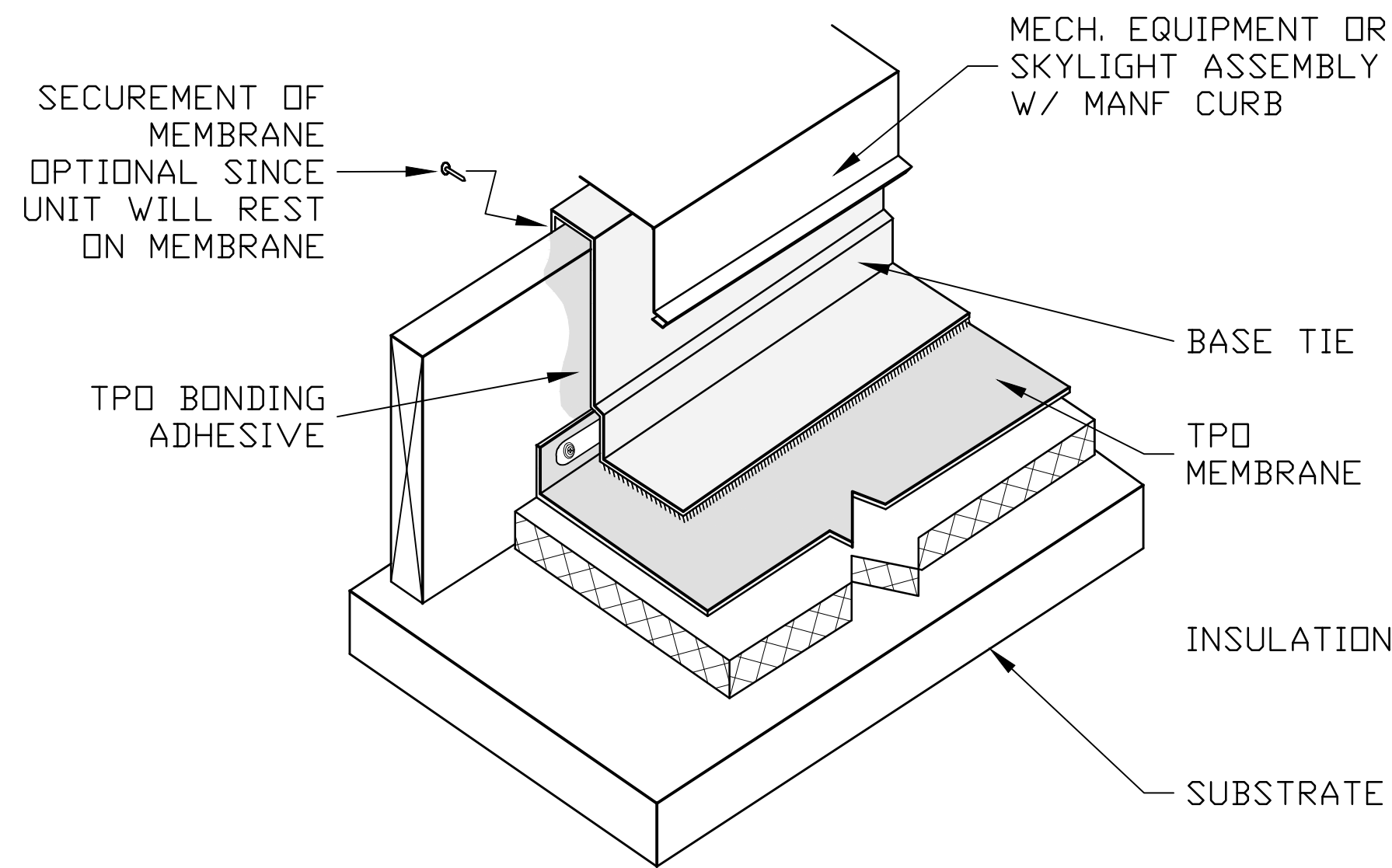
1 TOP OF WALL
3" = 1'-0"



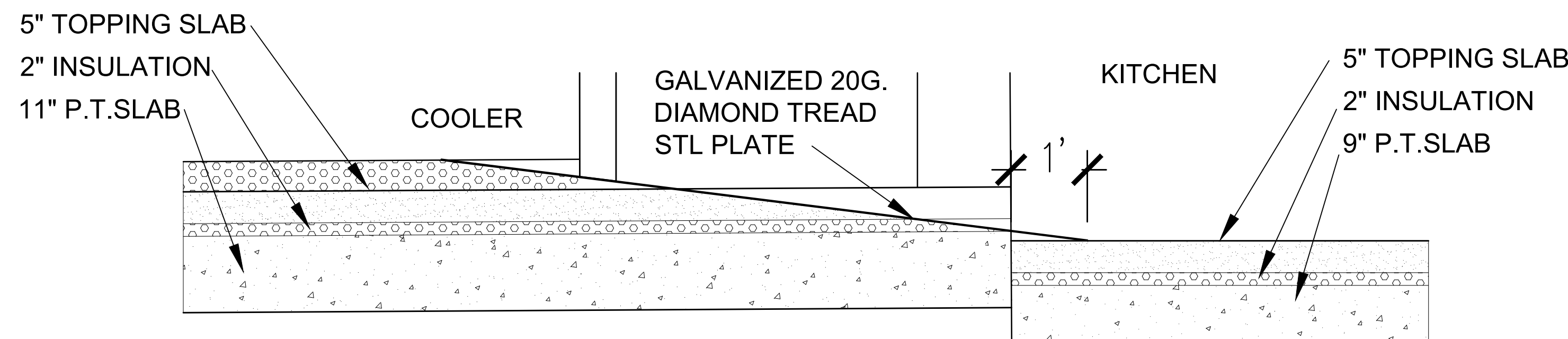
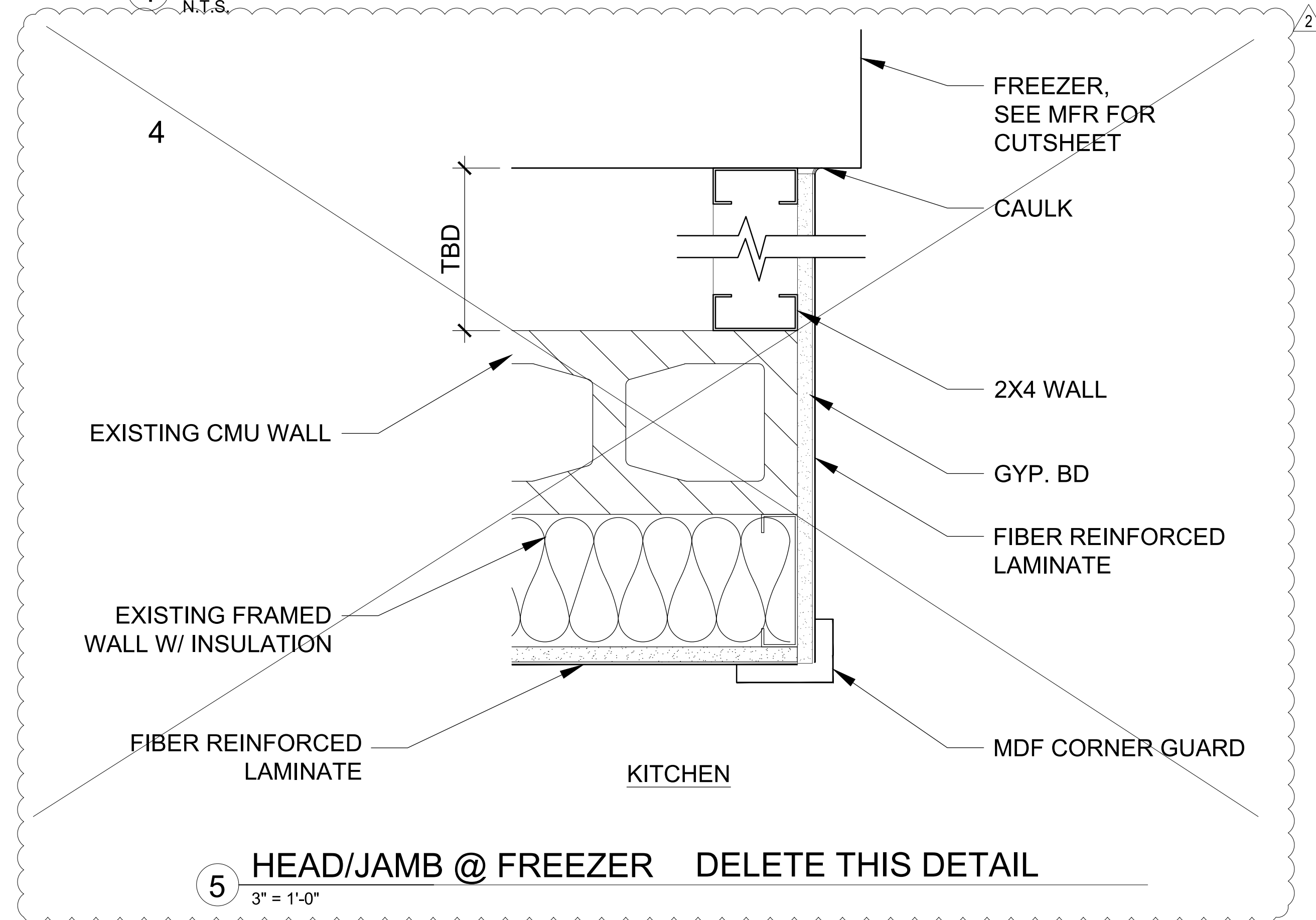
2 HOLLOW METAL DOOR HEAD/JAMB
3" = 1'-0"
1-HR WALL SHOWN,
2-HR WALL SIM.



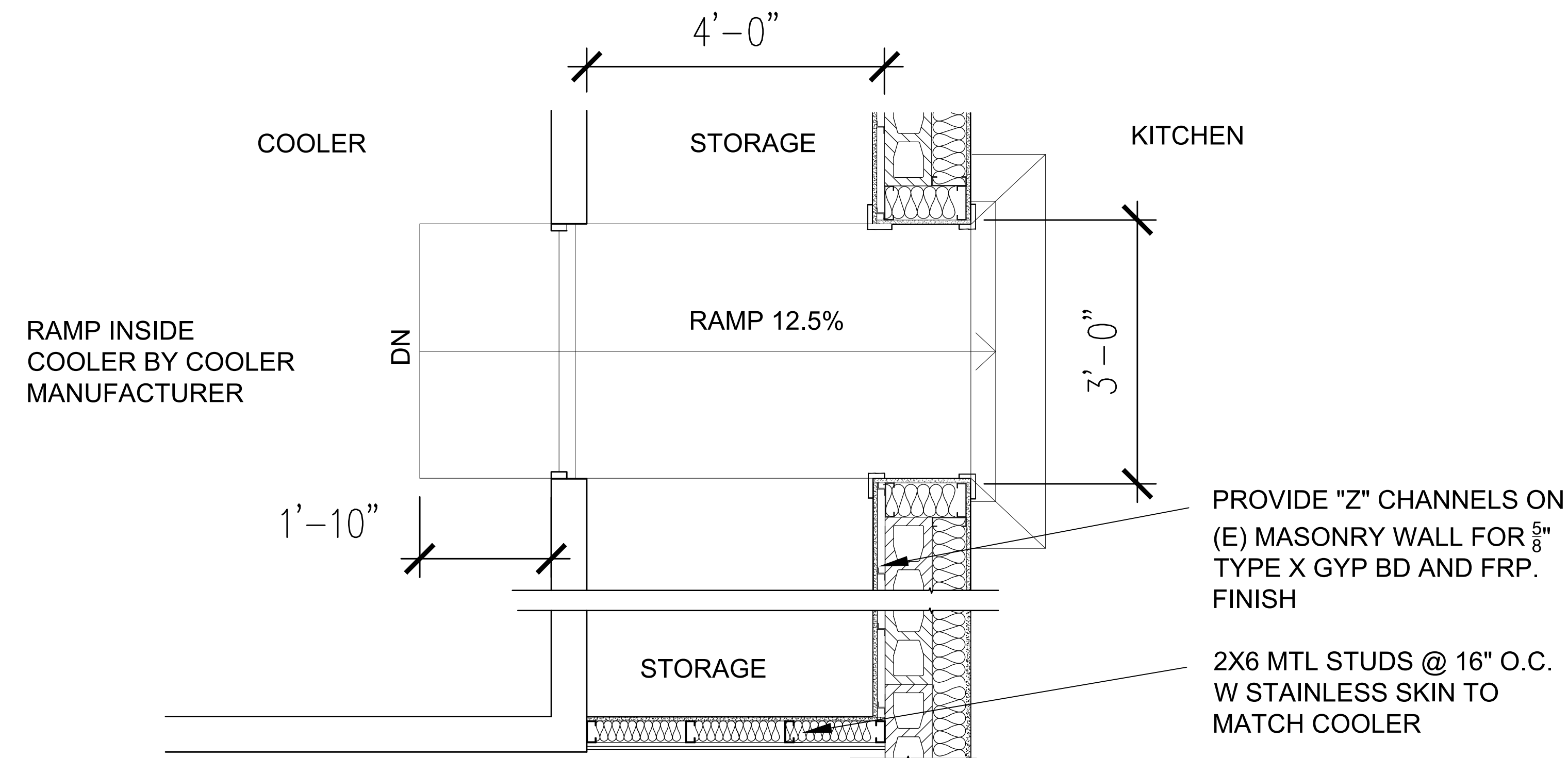
3 PIPE PENETRATIONS - FIRE RATED ASSEMBLIES
N.T.S.



4 EQUIPMENT CURB FLASHING
N.T.S.



SECTION DETAIL AT
KITCHEN/COOLER RAMP



PLAN DETAIL AT
KITCHEN/COOLER RAMP

6 RAMP SECTION AND PLAN AT COOLER
3/4" = 1'-0"



CITY OF SALEM CONVENTION CENTER
KITCHEN IMPROVEMENTS

200 COMMERCIAL STREET - SALEM, OREGON 97301

18-0927 05/21/2019
Rev 2 10/29/2019

PROJECT NO. ISSUE DATE

REVISIONS

2 10/29/2019

SHEET

DETAILS

A4.0

REV. 2 SET

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

A/C	AIR CONDITION(ED)
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BDD	BACKDRAFT DAMPER
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
CD	CEILING DIFFUSER
CD	CONDENSATE DRAIN
CONT.	CONTINUATION
COP	COEFFICIENT OF PERFORMANCE
CU	CONDENSING UNIT
CV	CHECK VALVE
CW	COLD WATER
D	DROP
DB	DECIBEL
DB	DRY BULB
DIA	DIAMETER
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATING
EF	EXHAUST FAN
EFF	EFFICIENT
ELECT	ELECTRICAL
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
F	FAHRENHEIT
FD	FIRE DAMPER
FLA	FULL LOAD AMPS



FT FEET

GAL GALLONS

GPH GALLONS PER HOUR

GPM GALLONS PER MINUTE

HD HEAD

HP HORSEPOWER

HTG HEATING

HTR HEATER

HWC HOT WATER COIL

ID INSIDE DIAMETER

IE INVERT ELEVATION

IN INCHES

KW KILOWATT

LAT LEAVING AIR TEMPERATURE

LBS. POUNDS

LH LATENT HEAT

MA MIXED AIR

MAX MAXIMUM

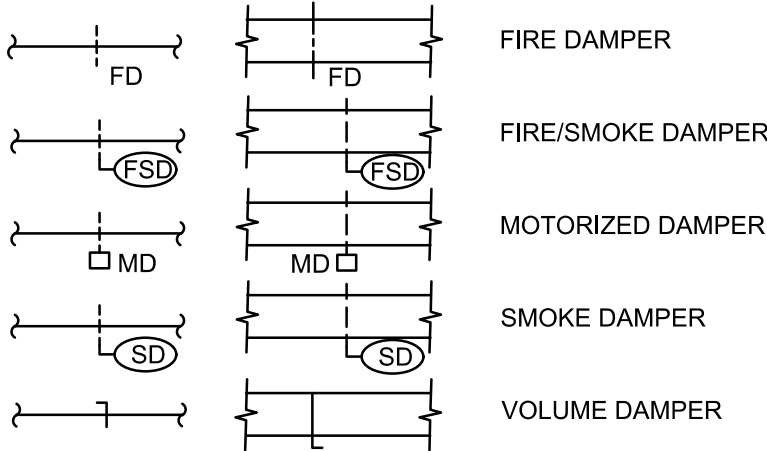
MBH THOUSAND BTU'S PER HOUR

MD MOTORIZED DAMPER

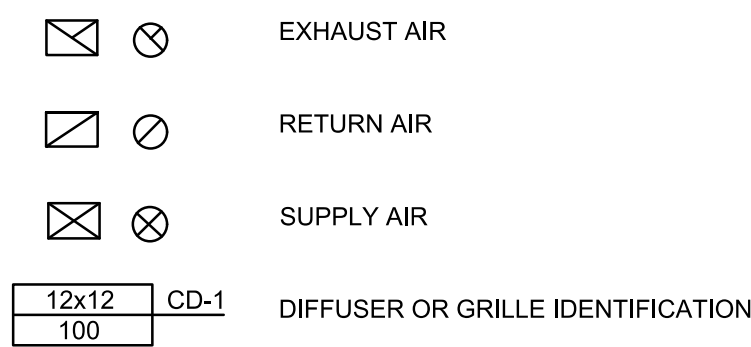
MIN	MINIMUM
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP
PH	PHASE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
R	RISE
RA	RETURN AIR
RET	RETURN

RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATING
SF	SQUARE FEET
SH	SENSIBLE HEAT
SOV	SHUT OFF VALVE
SP	STATIC PRESSURE
T, TEMP	TEMPERATURE
TD	TEMPERATURE DIFFERENCE
TH	TOTAL HEAT
TP	TOTAL PRESSURE
V	VOLT
W/	WITH
W	WATT
WB	WET BULB
WC	WATER COLUMN

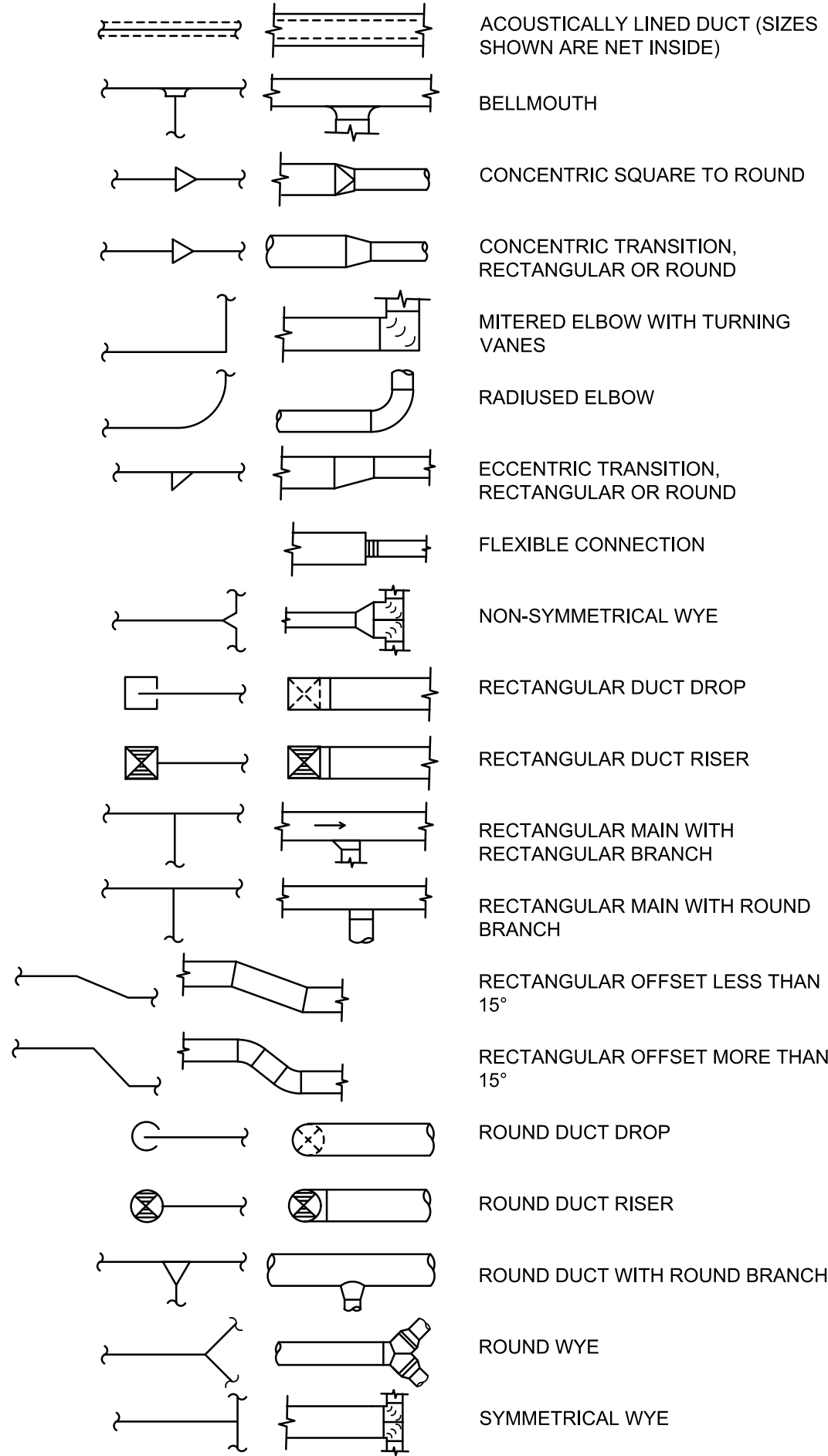
Dampers



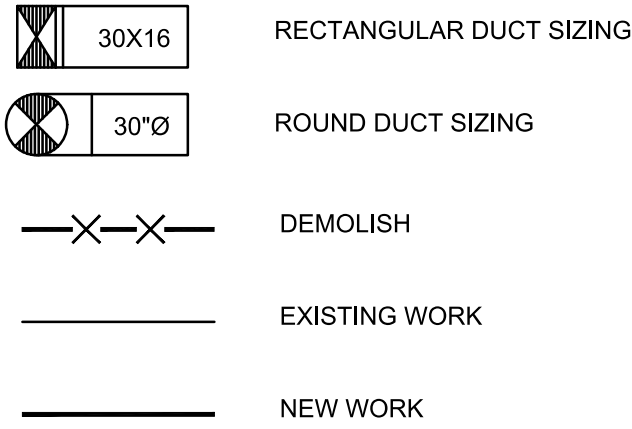
Diffusers and Grilles



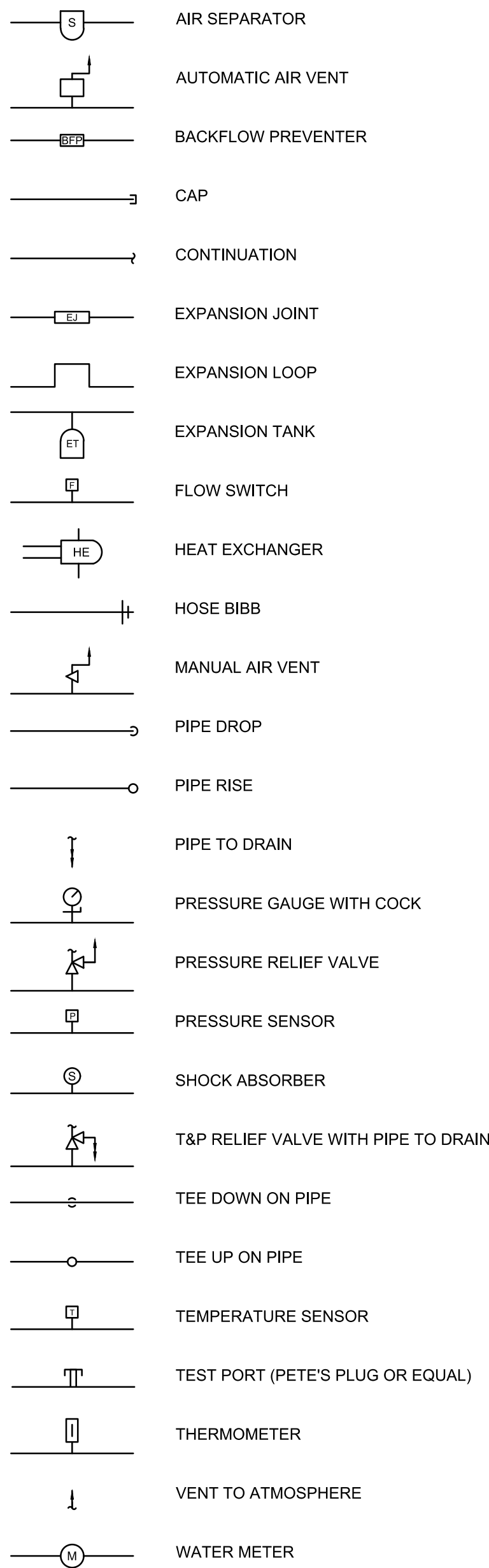
Ductwork Fittings



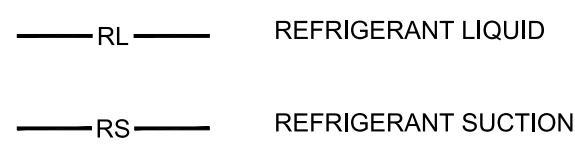
General



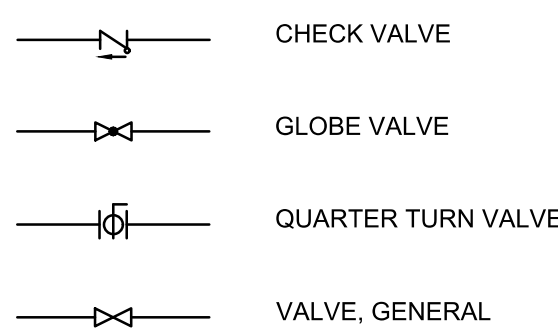
Piping Fittings, Appurtenances and Equipment



Piping Systems

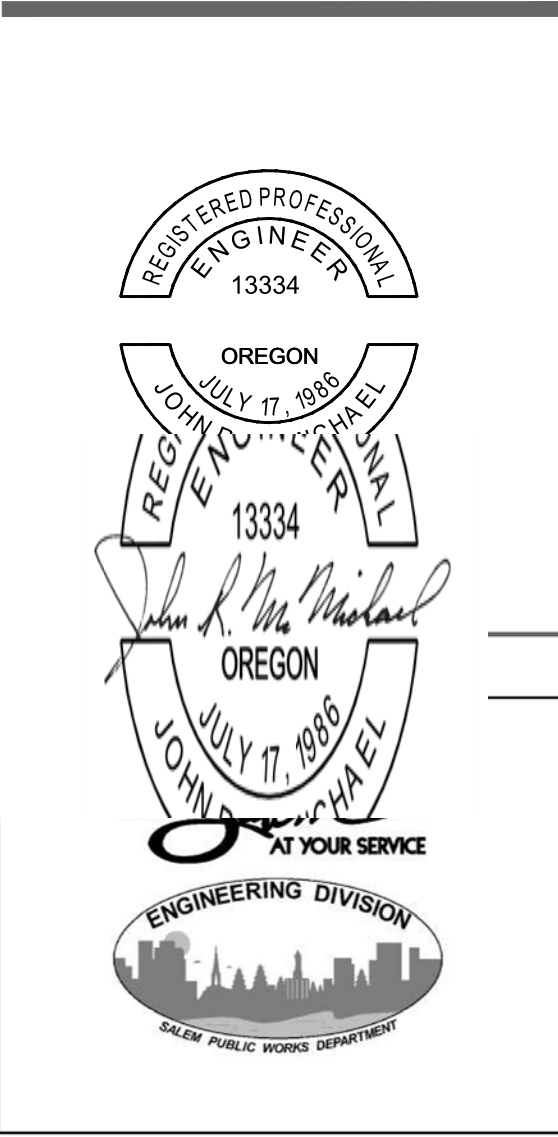


Piping Valves



SHEET INDEX

M0.1	COVER SHEET - MECHANICAL
M0.2	SCHEDULES - MECHANICAL
M1.0	FIRST FLOOR OVERALL PLAN - MECHANICAL
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MD2.1	ENLARGED SECOND FLOOR DEMOLITION PLAN - MECHANICAL
MD2.2	ENLARGED ROOF DEMOLITION PLAN - MECHANICAL
M2.0	ENLARGED FIRST FLOOR PLAN - MECHANICAL
M2.1	ENLARGED SECOND FLOOR PLAN - MECHANICAL
M2.2	ENLARGED ROOF PLAN - MECHANICAL
M4.0	DETAILS - MECHANICAL



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SHEET

COVER SHEET - MECHANICAL

M0.1

REV. 2 SET

EXHAUST SCRUBBER SCHEDULE																															
SYMBOL	AREA SERVED	BASIS OF DESIGN		TYPE	DRIVE	AIR FLOW (CFM)	MIN AIR FLOW (CFM)	ESP (IN H2O)	FAN RPM	SOUND (SONES)	PRE-FILTER			DUAL HIGH EFFICIENCY FINAL FILTER			DUAL ODOR CONTROL FILTER			ELECTRICAL					VFD (Y/N)	EMERG. POWER (Y/N)	MAX. WT (LBS)	NOTES			
		MFR	MODEL								MERV	CLEAN SP LOSS (IN H2O)	THICKNESS (IN)	FACE VELOCITY (FPM)	MERV	CLEAN SP LOSS (IN H2O)	THICKNESS (IN)	FACE VELOCITY (FPM)	MEDIA	CLEAN SP LOSS (IN H2O)	THICKNESS (IN)	FACE VELOCITY (FPM)	VOLTS	PH					BHP	MHP	FLA
S-1	COOKLINE	CAPTIVE AIR	KB20-INLINE	CENTRIFUGAL	BELT	4200	500	2.25	1652	26	8	0.329	2	119	15	0.217	4	119	CARBON	0.671	4	119	460	3	5.42	7.5	9.6	Y	N	2852	1, 2
S-2	COOKLINE	CAPTIVE AIR	KB-25 INLINE	CENTRIFUGAL	BELT	6800	500	2.25	1283	26	8	0.233	2	108	15	0.161	4	108	CARBON	0.46	4	108	460	3	7.67	10	12.2	Y	N	4097	1, 2
NOTES:																															
1 UNIT TO BE LISTED TO UL-782 FOR GREASE EXHAUST																															
2 MINIMUM AIRFLOW TO BE ADJUSTABLE AND DETERMINED AT TIME OF CONSTRUCTION TO ENSURE NO AIRFLOW FROM THE KITCHEN ENTERS THE LOBBY SPACE.																															

TERMINAL UNIT SCHEDULE - PHASE 1																
SYMBOL	AREA SERVED	BASIS OF DESIGN		COOLING		TU SP (IN H2O)	HOT WATER HEATING COIL								NOTES	
		MFR	MODEL	INLET SIZE (IN)	AIRFLOW		HTG CFM	MIN CAP (MBH)	WATER FLOW (GPM)	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	WPD (FT H2O)		
					MAX CFM											MIN CFM
TU-2-XX	STAGING AREA	MATCH EXISTING	MATCH EXISTING	10	1080	0	0.5	1080	29.16	1.5	180	141.1	55	80	5	1
TU-3-XX	2ND FLOOR STAGING AREA	MATCH EXISTING	MATCH EXISTING	16	2590	0	0.5	1300	33.57	2	180	144.9	55	80	5	1
NOTES: 1. COORDINATE SYMBOL IDENTIFICATION WITH EXISTING IDENTIFICATION SYSTEM.																

TERMINAL UNIT SCHEDULE - PHASE 2																
SYMBOL	AREA SERVED	BASIS OF DESIGN		INLET SIZE (IN)	COOLING AIRFLOW		TU SP (IN H2O)	HOT WATER HEATING COIL								NOTES
		MFR	MODEL		MAX CFM	MIN CFM		HTG CFM	MIN CAP (MBH)	WATER FLOW (GPM)	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	WPD (FT H2O)	
TU-1-XX	KITCHEN	MATCH EXISTING	MATCH EXISTING	16	2615	0	0.5	NA	NA	NA	NA	NA	NA	NA	NA	1
NOTES: 1. COORDINATE SYMBOL IDENTIFICATION WITH EXISTING IDENTIFICATION SYSTEM.																

FAN SCHEDULE																
SYMBOL	AREA SERVED	BASIS OF DESIGN		TYPE	DRIVE	AIR FLOW (CFM)	TSP (IN H2O)	FAN RPM	ELECTRICAL					EMERG. POWER (Y/N)	MAX WT. (LBS)	NOTES
		MFR	MODEL						VOLTS	PH	BHP	MHP	VFD (Y/N)			
EF-6	DISHWASHER	GREENHECK	CUBE-101-3	CENTRIFUGAL	BELT	1100	0.75	1700	120	1	0.3	0.5	N	N	85	
NOTES: 1 2																

DIFFUSER, REGISTER AND GRILLE SCHEDULE						
SYMBOL	TYPE	FACE	FRAME	FINISH	BASIS OF DESIGN	NOTES
CD-1	CEILING DIFFUSER	PERF	24X24	FACTORY WHITE	TITUS PCS	
SWS-1	SIDEWALL SUPPLY	LOUVER	SEE PLANS	FACTORY WHITE	TITUS 23RL	
CTG-1	CEILING TRANSFER GRILLE	PERF	24X24	FACTORY WHITE	TITUS PAR	
NOTES:						



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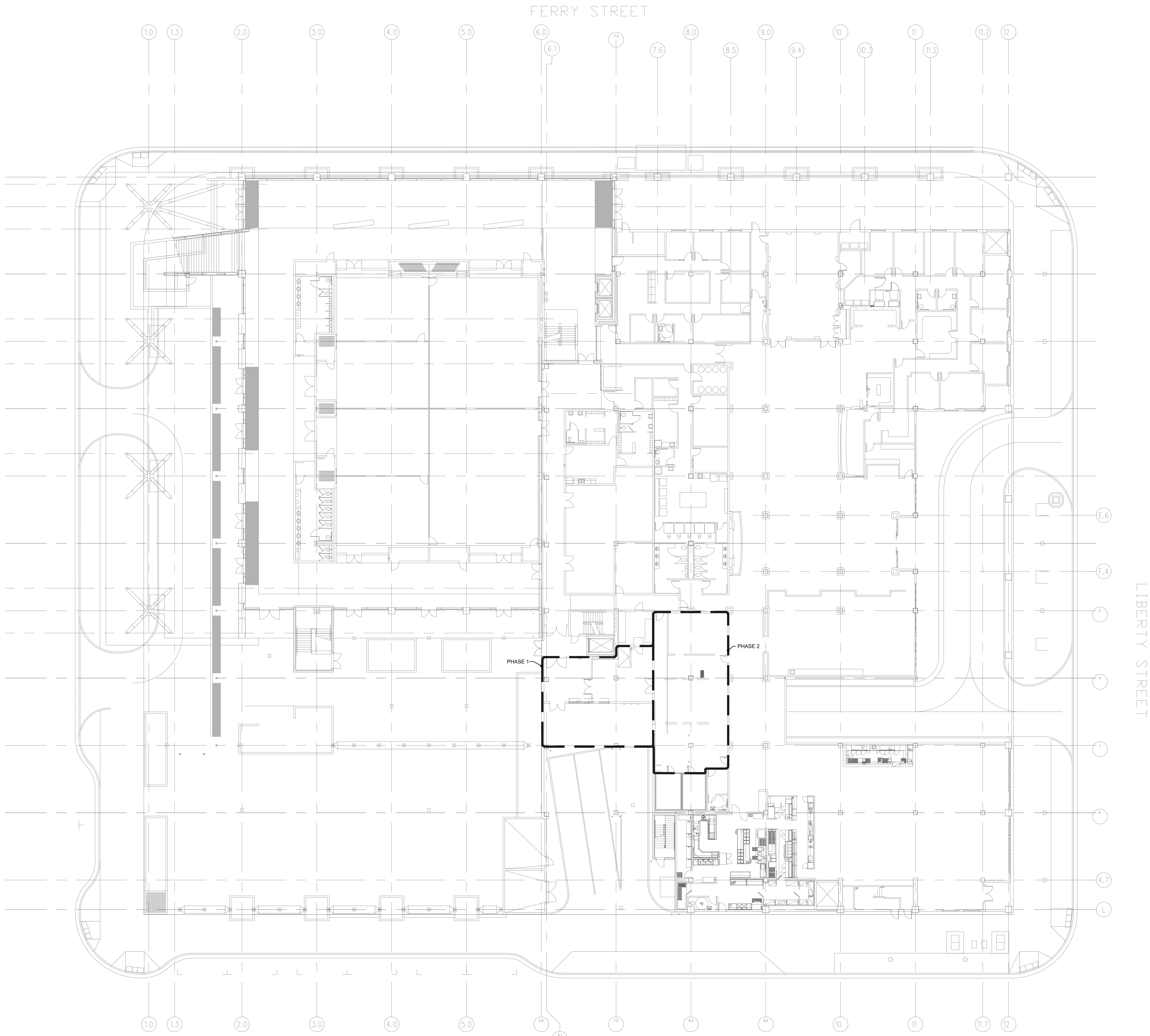
PROJECT NO. ISSUE DATE

REVISIONS	
ADDENDUM 1	06/18/2019

SHEET

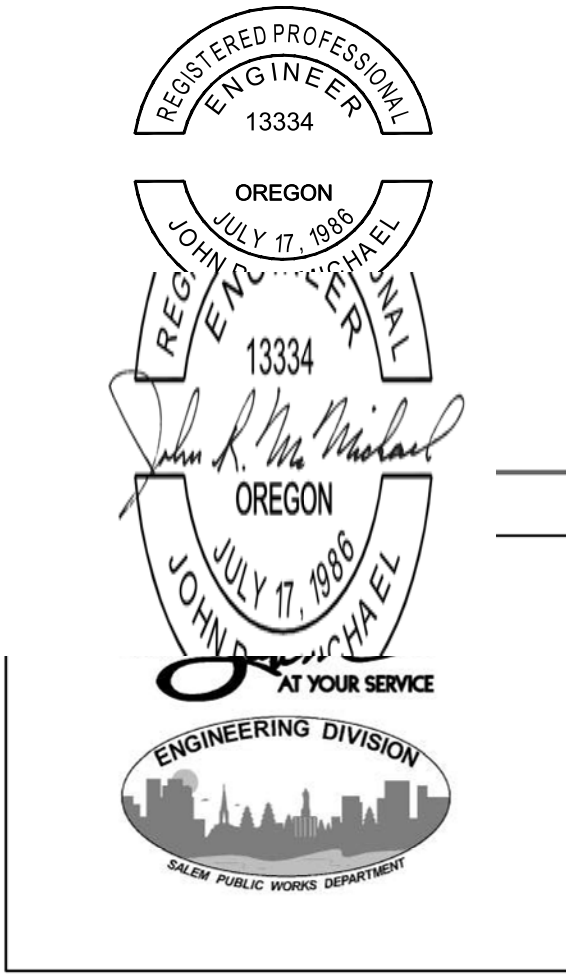
SCHEDULES - MECHANICAL
M0.2

REV. 2 SET



1 FIRST FLOOR OVERALL PLAN - MECHANICAL

0 8' 16' 32'
SCALE: 1/16"=1'-0"



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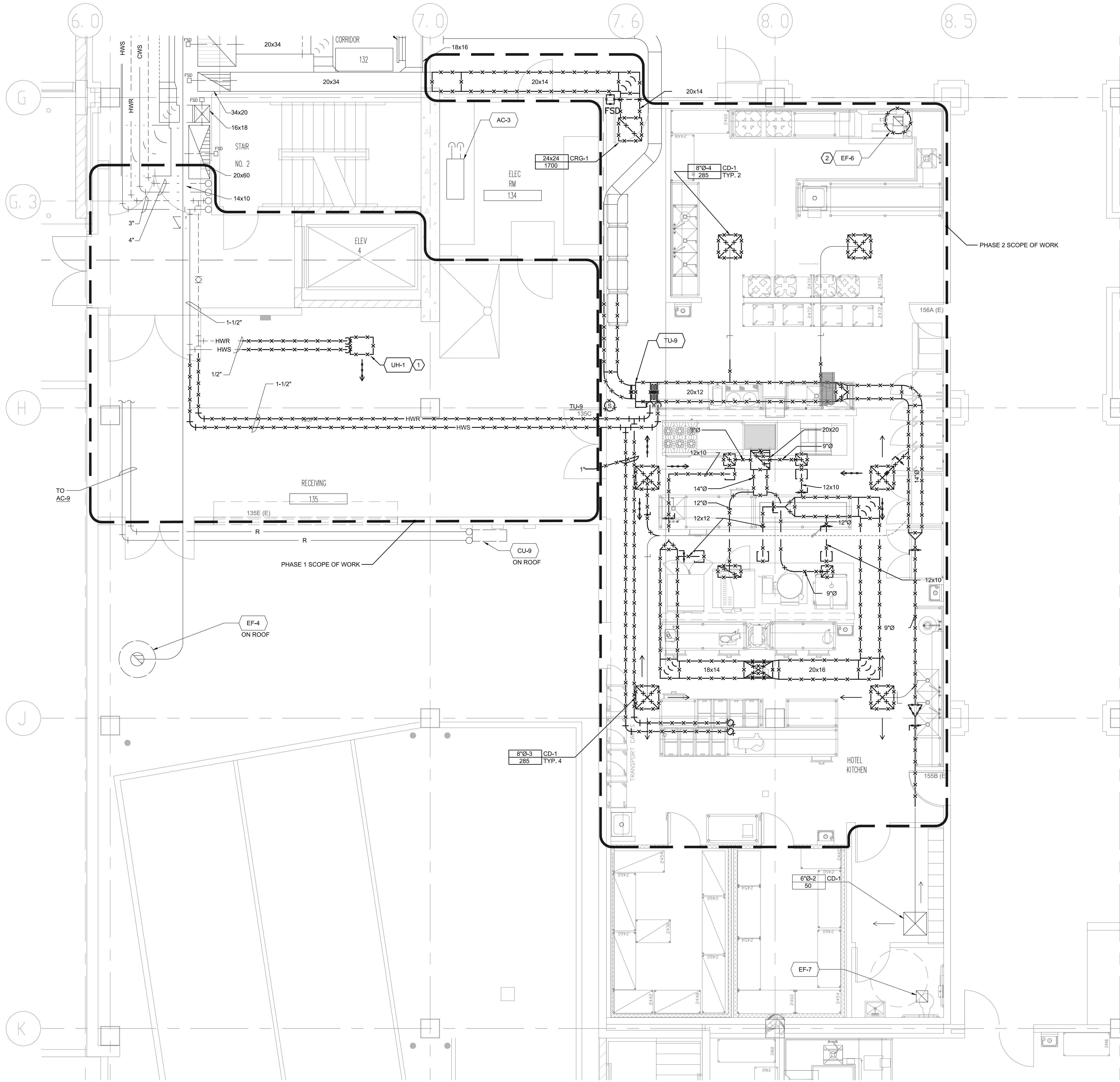
REVISIONS

SHEET

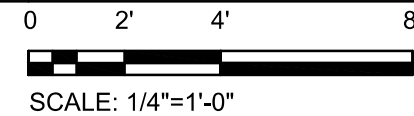
FIRST FLOOR OVERALL
PLAN - MECHANICAL

M1.0

REV. 2 SET

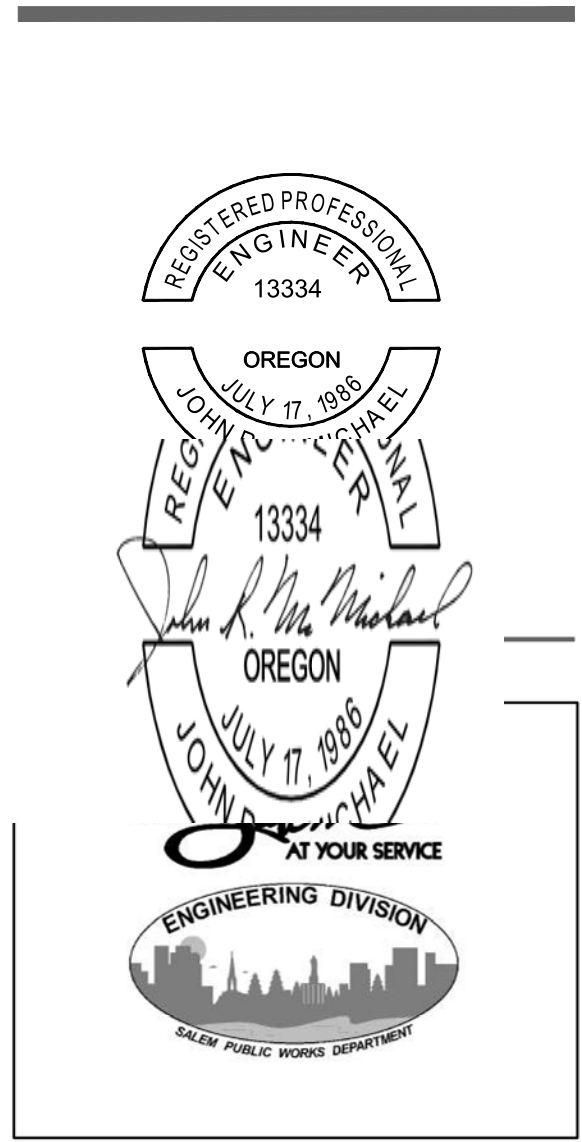


1 ENLARGED FIRST FLOOR DEMOLITION PLAN - MECHANICAL



SHEET KEYNOTES

- EXISTING UNIT HEATER TO BE RELOCATED. SEE NEW LOCATION ON SHEET M2.0.
- REPLACE EXISTING EXHAUST FAN EF-6 WITH NEW FAN AS SCHEDULED; ROOF PENETRATION TO REMAIN UNCHANGED.



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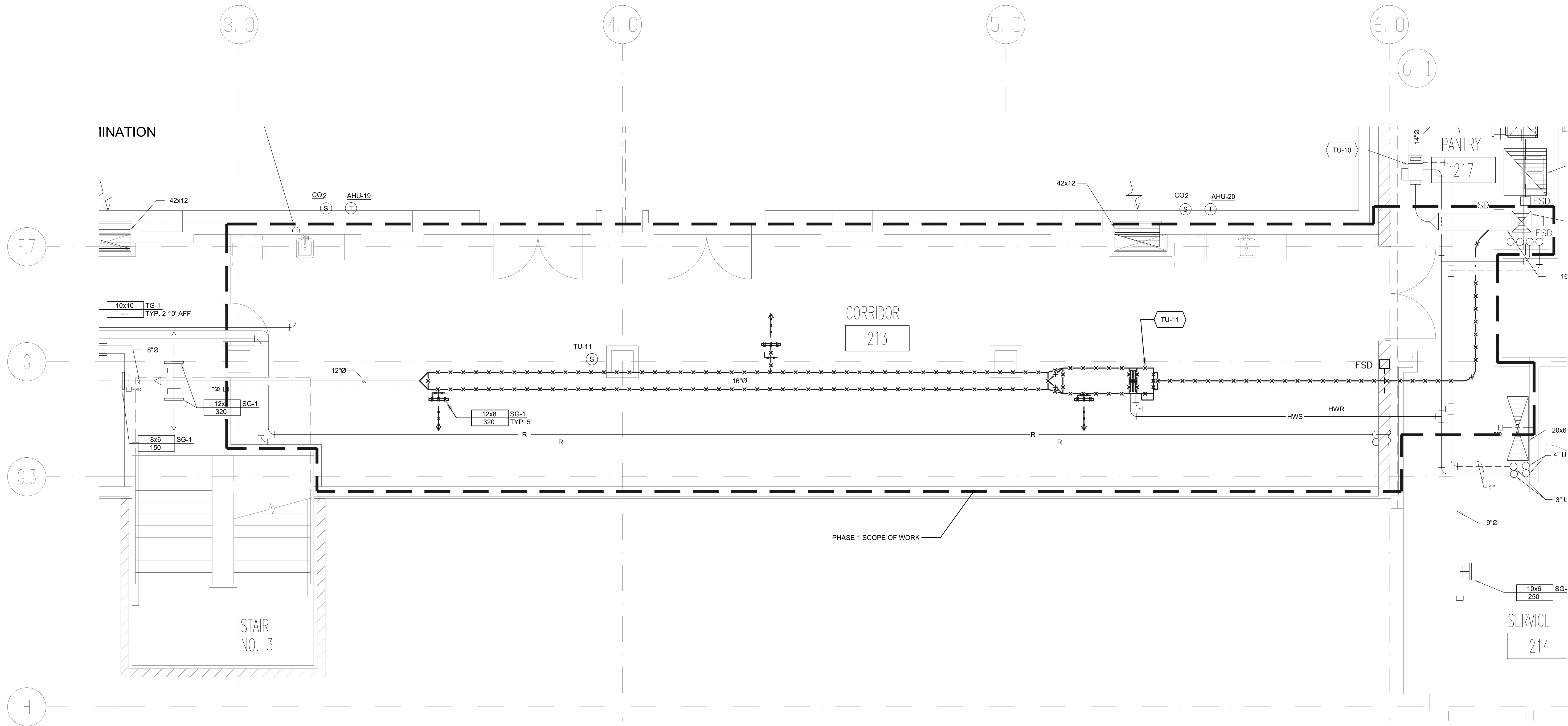
REVISIONS

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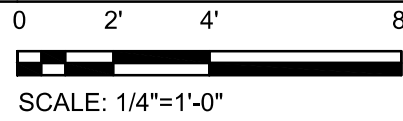
ENLARGED FIRST FLOOR
DEMOLITION PLAN - MECHANICAL

MD2.0

REV. 2 SET



1 ENLARGED SECOND FLOOR DEMOLITION PLAN - MECHANICAL



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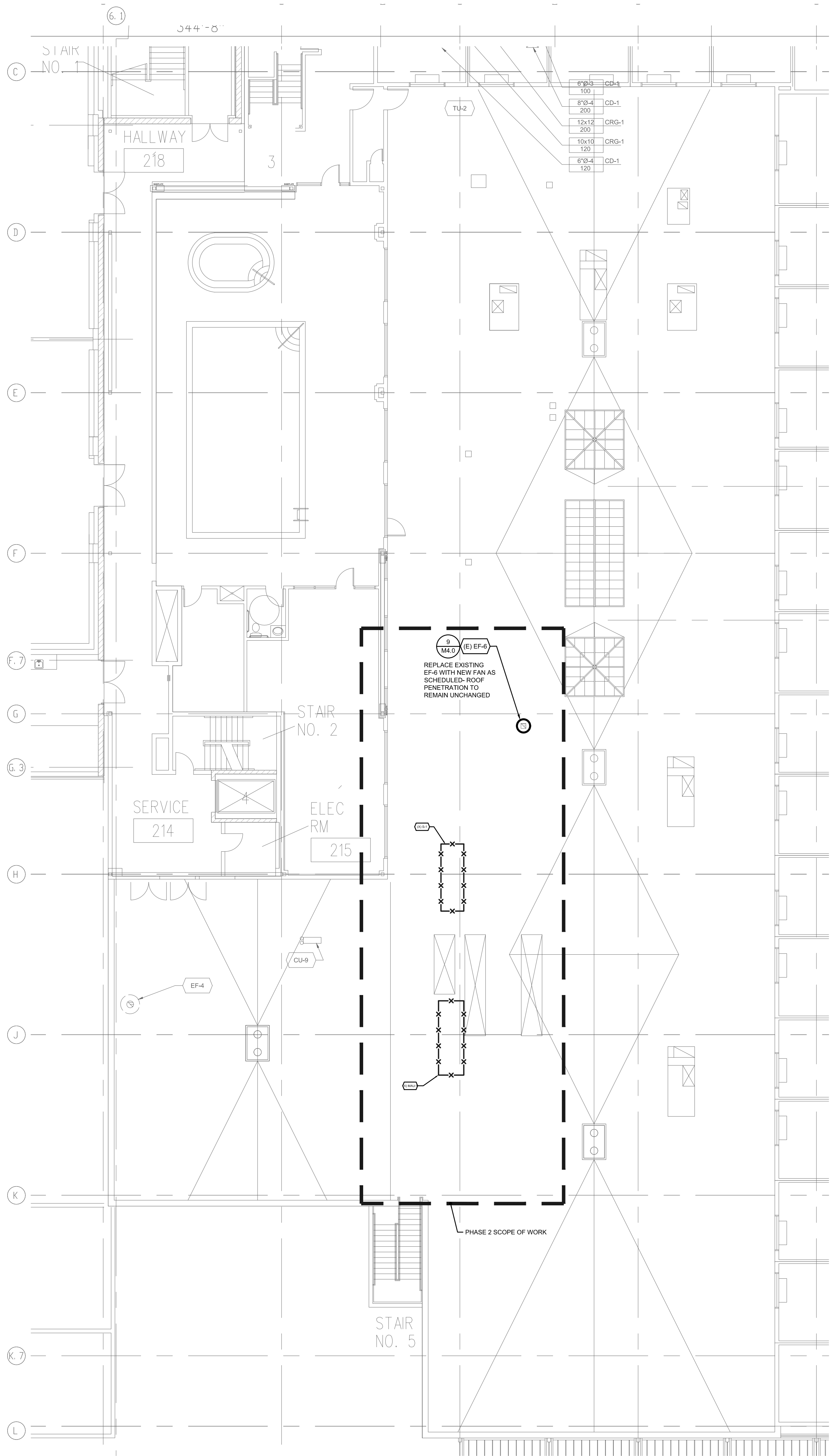
REVISIONS

SHEET

ENLARGED SECOND FLOOR
DEMOLITION PLAN - MECHANICAL

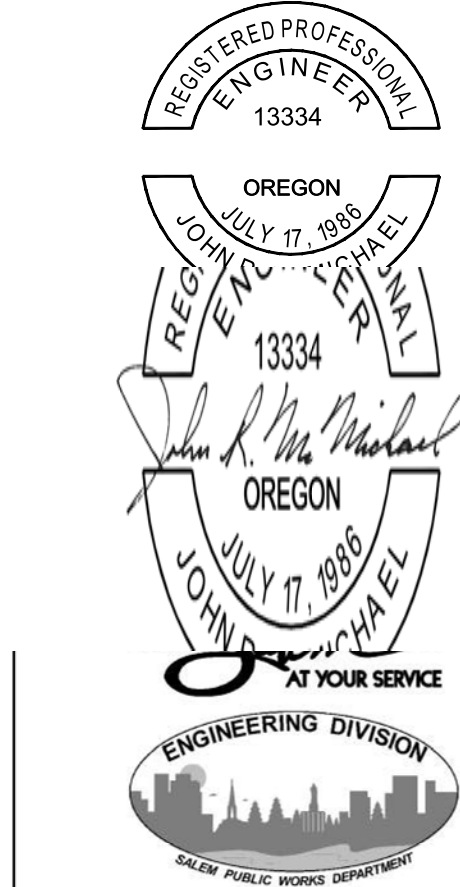
MD2.1

REV. 2 SET



1 ENLARGED ROOF DEMOLITION PLAN - MECHANICAL

0 8' 16' 24'
SCALE: 3/32"=1'-0"



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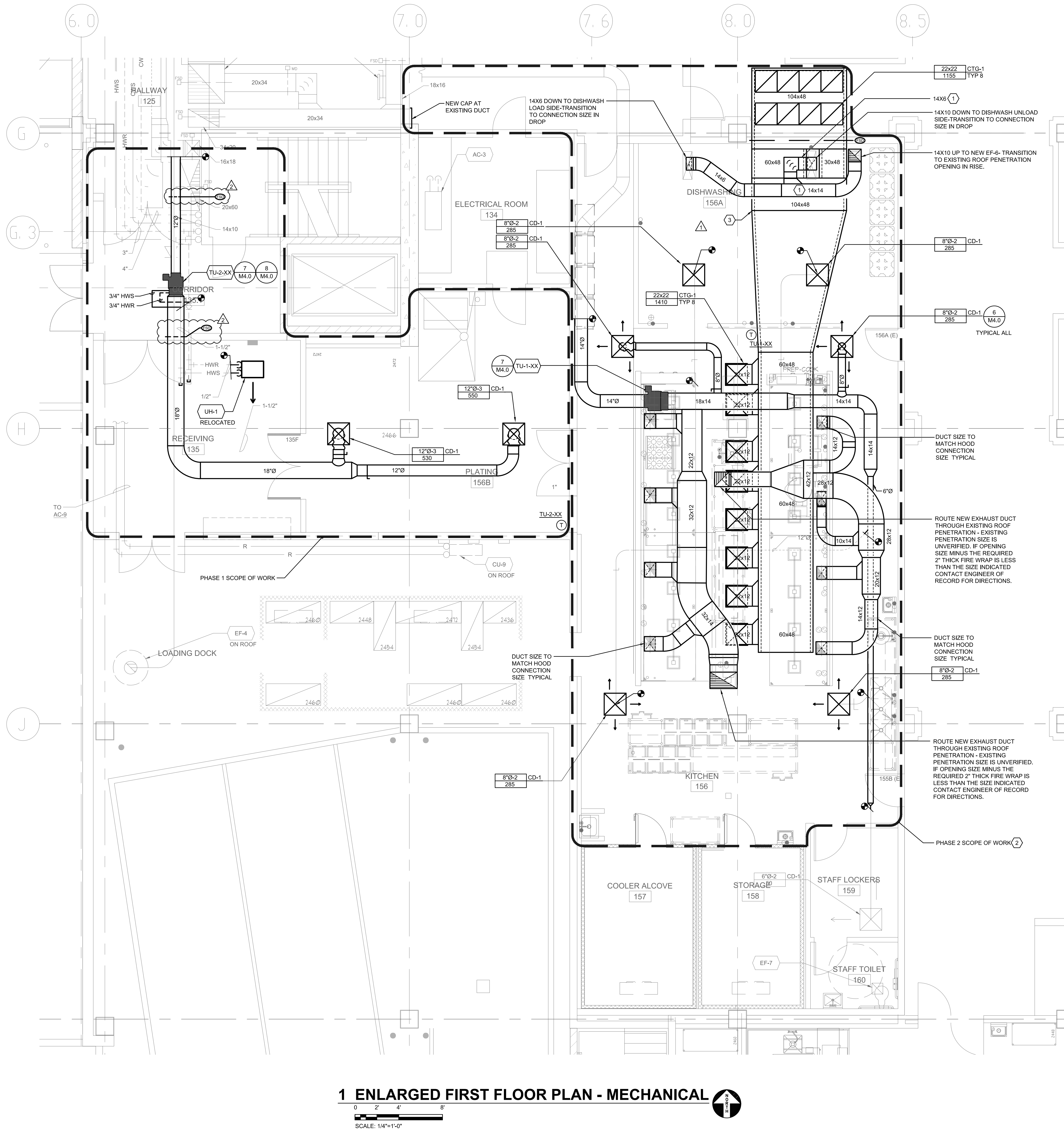
REVISIONS

SHEET

ENLARGED ROOF DEMOLITION
PLAN - MECHANICAL

MD2.2

REV. 2 SET



**PHASE 1
GENERAL SHEET NOTES**

- A. DUCTWORK SERVING A SINGLE DIFFUSER OR GRILLE TO BE THE SAME SIZE AS THE DIFFUSER OR GRILLE NECK.
B. NEW PIPING THAT IS NOT SIZED IS TO BE 3/4" MIN.

**PHASE 2
GENERAL SHEET NOTES**

- A. ENCLOSE GREASE EXHAUST DUCT IN 2-HOUR RATED FIRE WRAP.
B. CONTROLS REQUIRED FOR THIS PROJECT:
1. THE NEW DISHWASHER EXHAUST FAN IS TO USE THE CONTROLS THAT CURRENTLY CONTROL THE EXISTING DISHWASHER EXHAUST FAN.
2. THE NEW SCRUBBER IS CONTROLLED BY HOOD CONTROL PANEL.
3. EXISTING ROOF TOP UNITS THAT SUPPLY LOBBY AND RESTAURANT HAVE POWER EXHAUST FANS. EXISTING ROOM PRESSURE CONTROL WILL ACTIVATE THE POWER EXHAUST FANS AS THE KITCHEN EXHAUST AIR VOLUME VARIES.
C. DUCTWORK SERVING A SINGLE DIFFUSER OR GRILLE TO BE THE SAME SIZE AS THE DIFFUSER OR GRILLE NECK.
D. NEW PIPING THAT IS NOT SIZED IS TO BE 3/4" MIN.

SHEET KEYNOTES

1. CONSTRUCT DISHWASHER EXHAUST DUCT OF STAINLESS STEEL. CONSTRUCT WITH NO LONGITUDINAL SEAMS ON THE BOTTOM. SEAL TRANSVERSE SEAMS WATER TIGHT. SLOPE DUCT TO DRAIN BACK TO DISHWASHER.
2. DURING PHASE 1 REBALANCE (E) MAU-1 AND (E) MAU-2. REDUCE THE MAKEUP AIR VOLUME IN (E) MAU-1 TO 2560 CFM.
3. PROVIDE 2" DUCT LINER ON TRANSFER DUCTWORK.

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ADDENDUM 1 06/18/2019

REVISION 2 10/29/2019

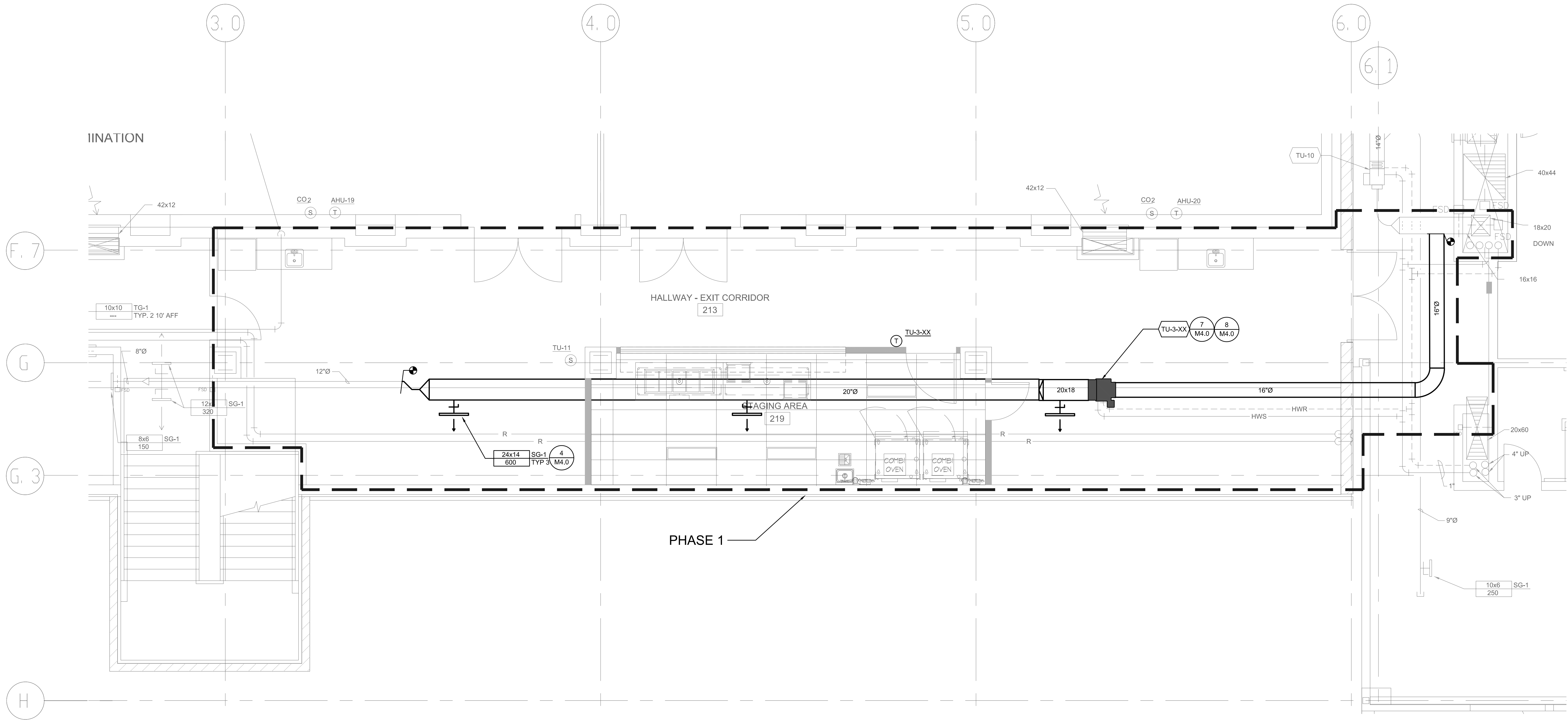
SHEET

ENLARGED FIRST FLOOR
PLAN - MECHANICAL

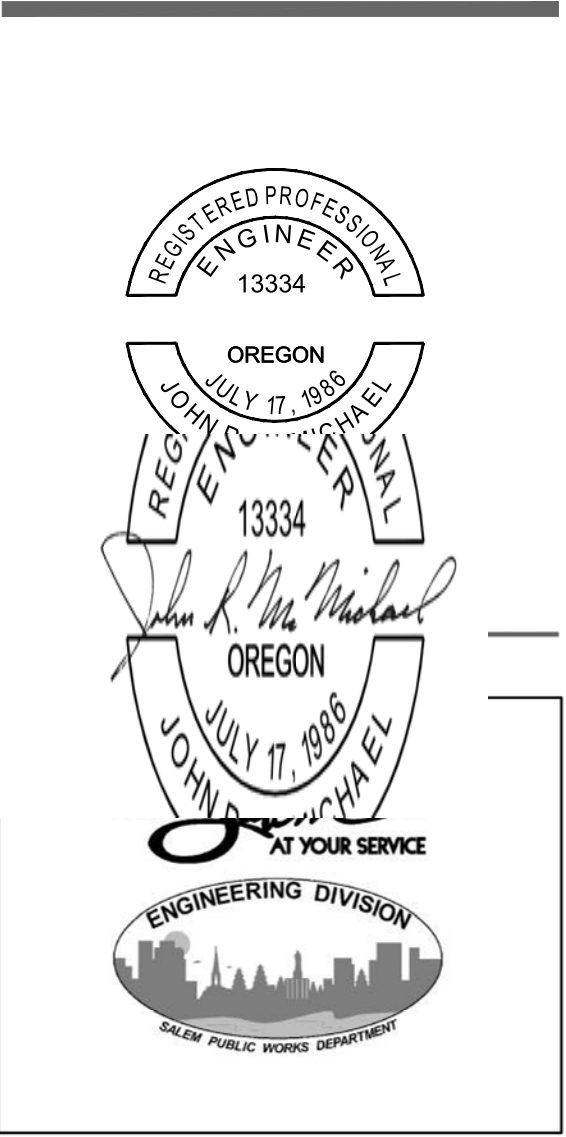
M2.0

REV. 2 SET

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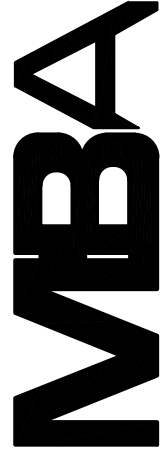
1 ENLARGED SECOND FLOOR PLAN - MECHANICAL



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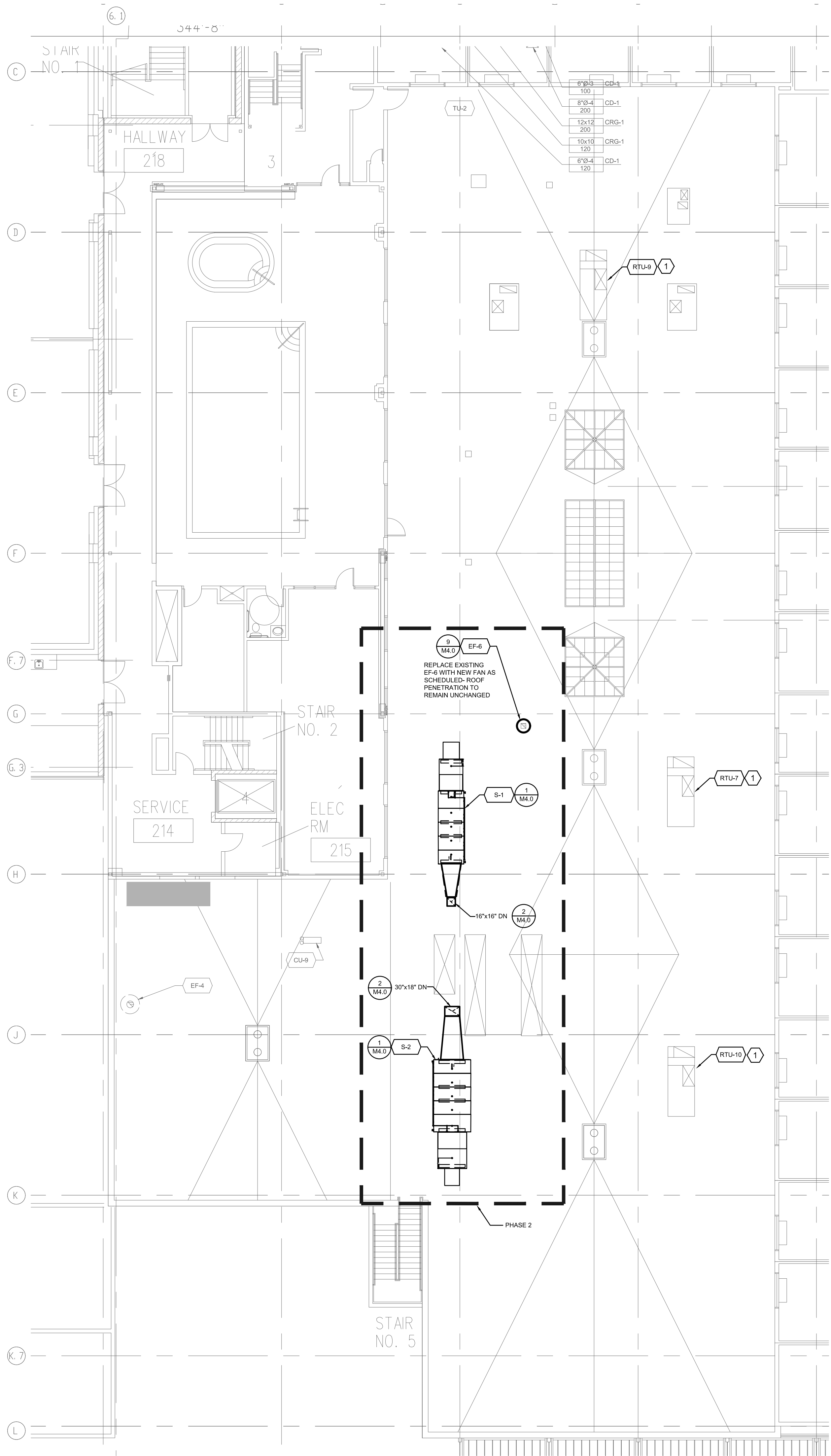
REVISIONS

SHEET

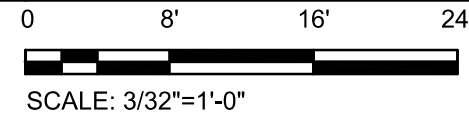
ENLARGED SECOND FLOOR
PLAN - MECHANICAL

M2.1

REV. 2 SET



1 ENLARGED ROOF PLAN - MECHANICAL



SHEET KEYNOTES

1. DURING PHASE 2 VERIFY THE MINIMUM OSA VOLUME OF RTU-7, RTU-9 AND RTU-10. IF THE MEASURED MINIMUM OSA VOLUME OF RTU-7, 9 OR 10 IS LESS THAN 3080 CFM RESET MINIMUM TO 3080 CFM. IF THE MEASURED MINIMUM EXCEEDS 3080 CFM LEAVE AS FOUND.



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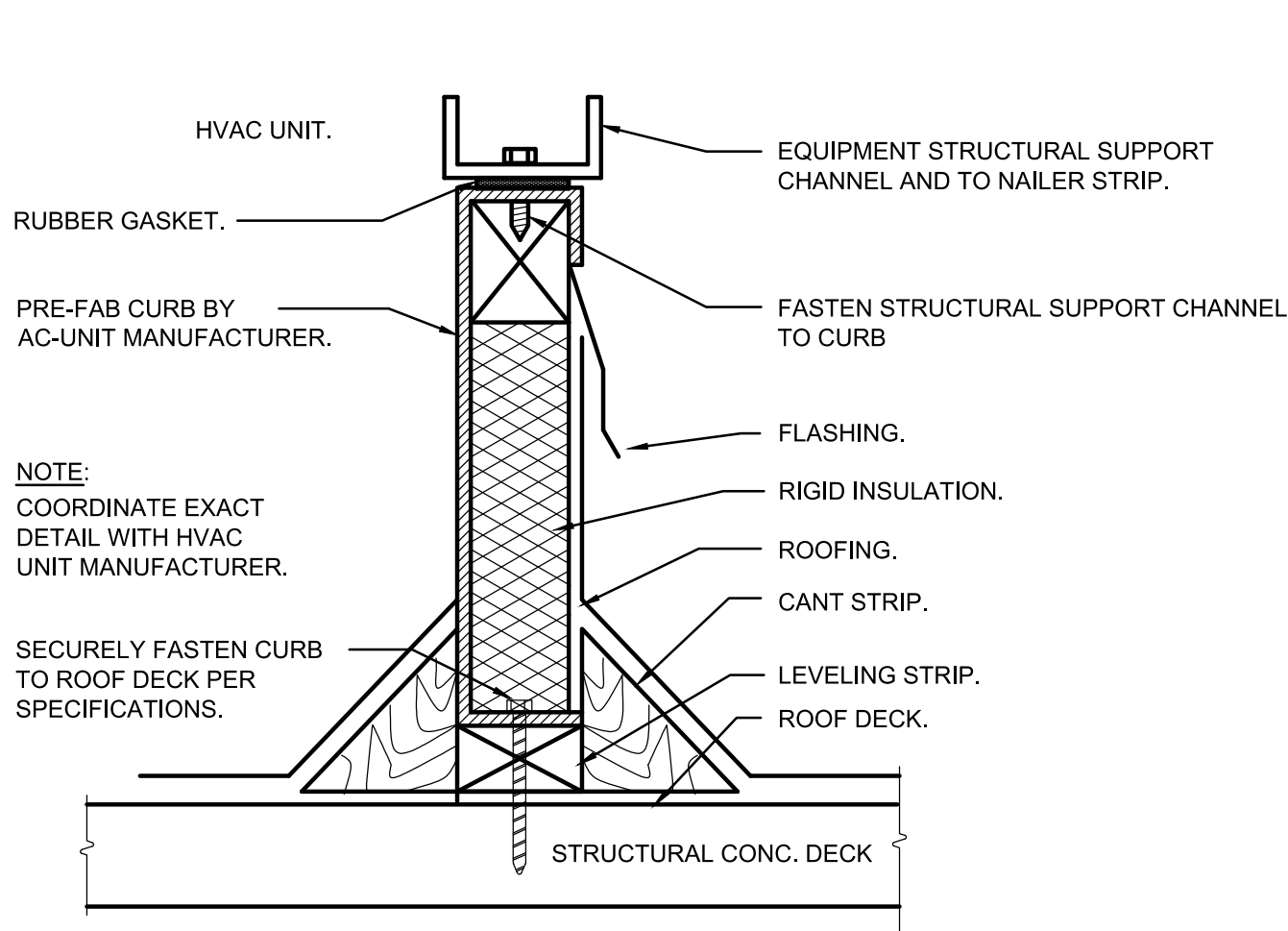
ENLARGED ROOF
PLAN - MECHANICAL

M2.2

REV. 2 SET

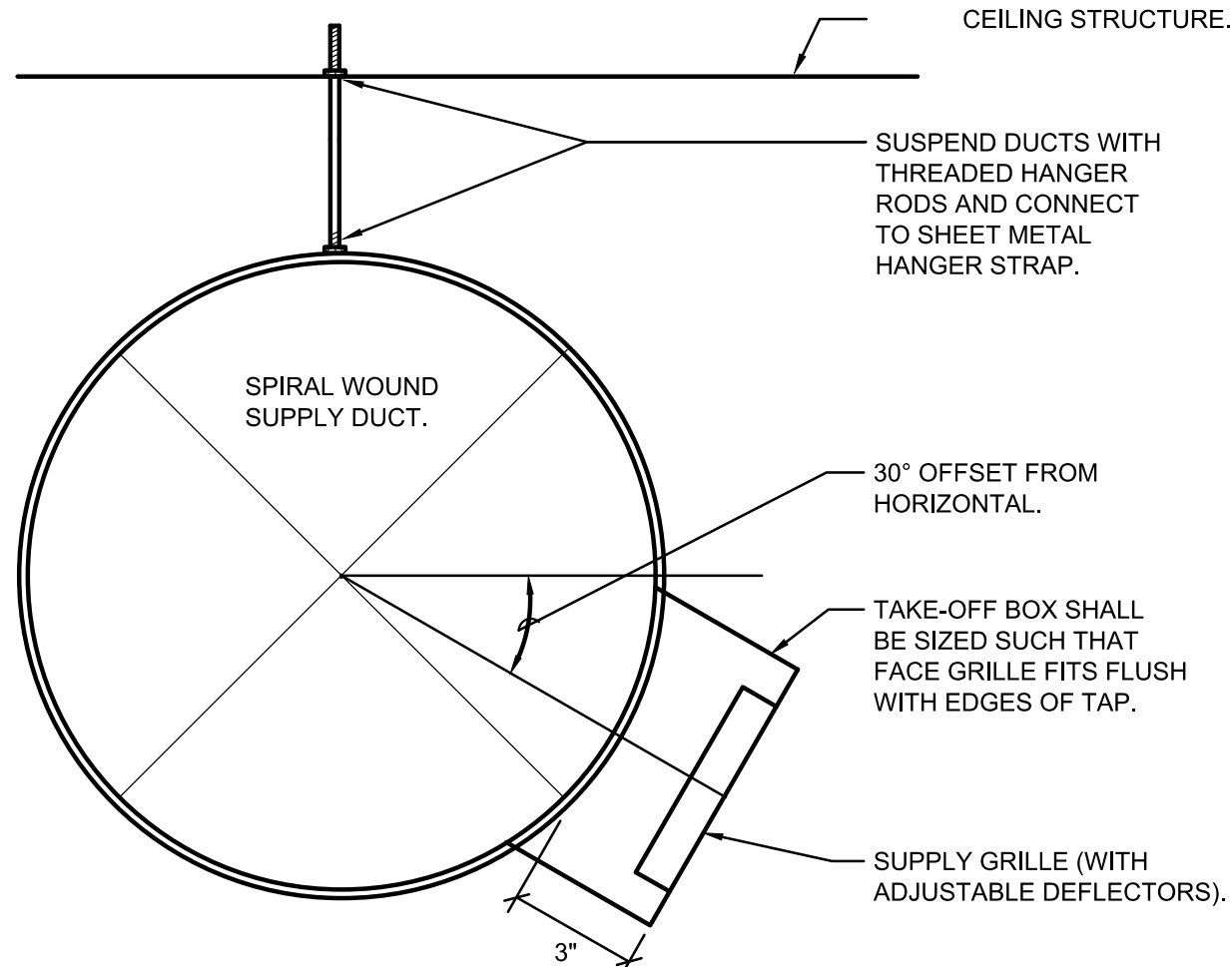
GENERAL SHEET NOTES

- A. REFERENCE ARCHITECTURAL SPECIFICATION 024119-3.50 FOR POST-TENSION PENETRATION INFORMATION.
- B. SEE ARCHITECTURAL DETAIL 4/A4.0 FOR ROOF PENETRATION DETAIL.



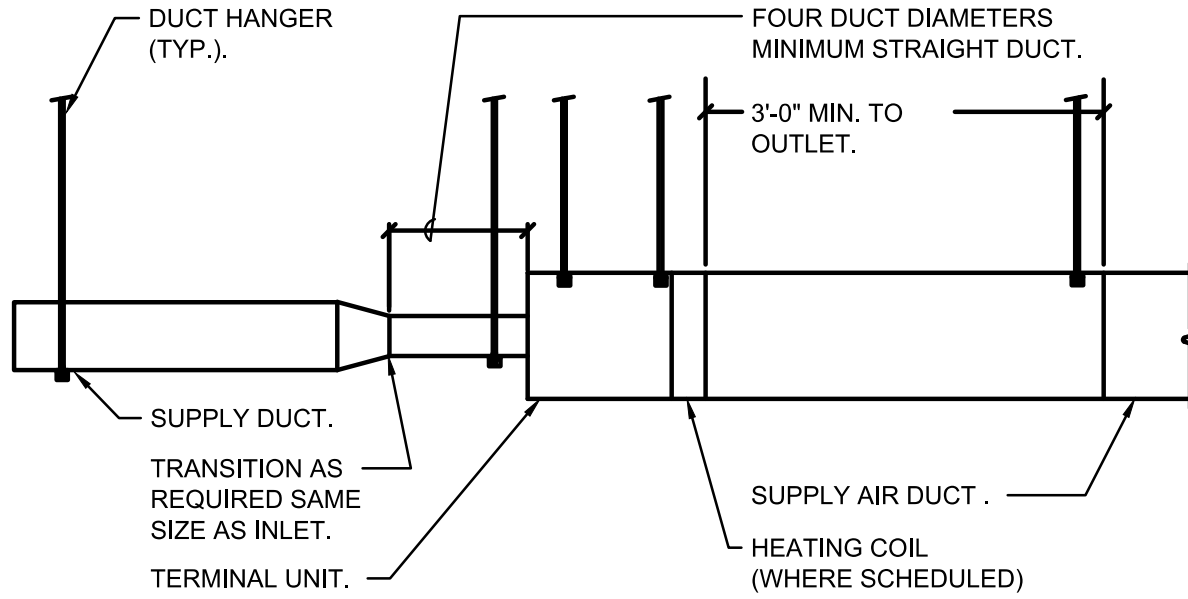
GREASE EXHAUST SCRUBBER CURB

NO SCALE MHVEQ07A



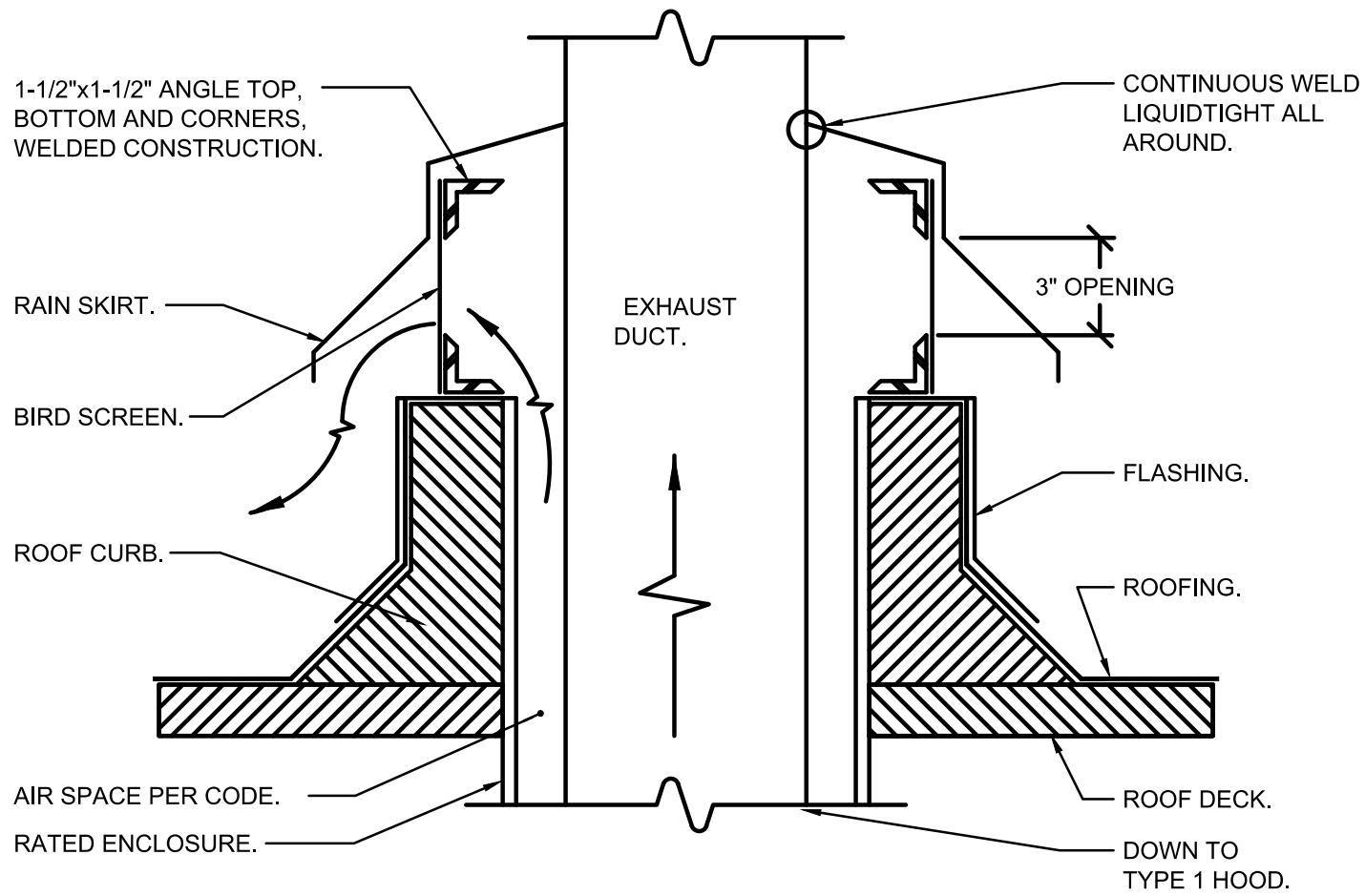
SUPPLY DUCT TAKE-OFF

NO SCALE MHVDU12A



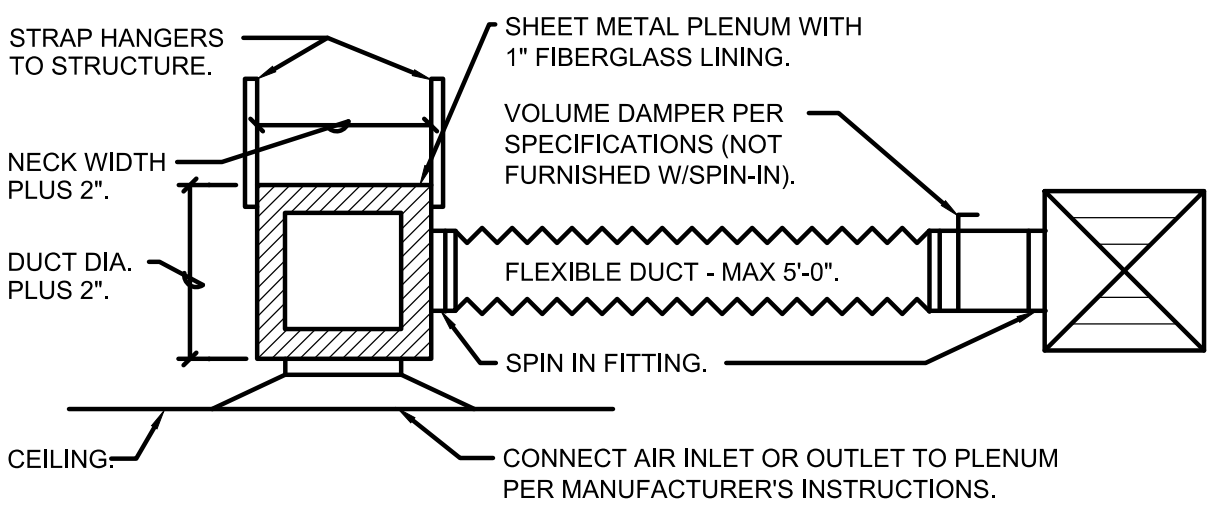
TERMINAL UNIT

NO SCALE MHVEQ03A.dwg



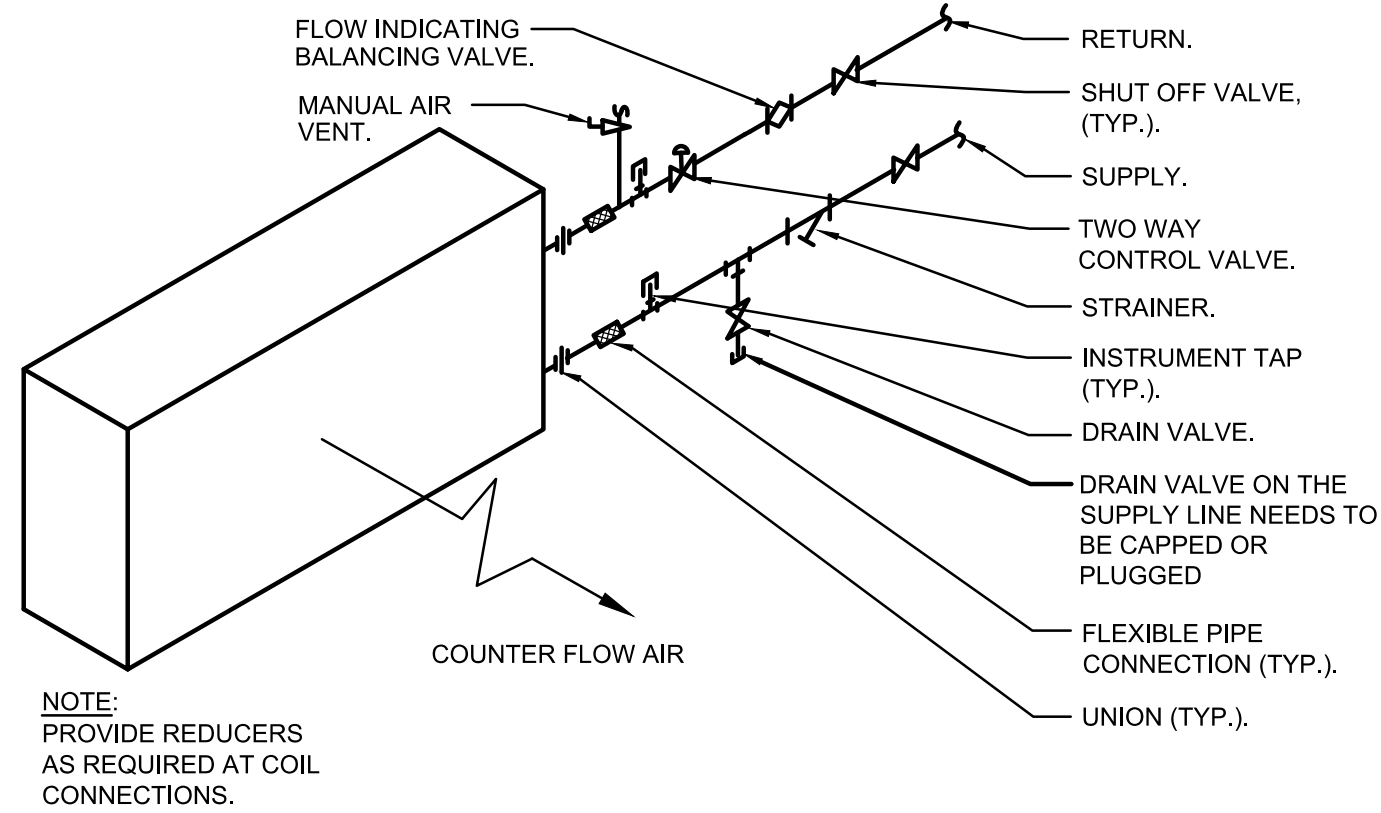
GREASE EXHAUST DUCT ROOF PENETRATION

NO SCALE MEXDU01A



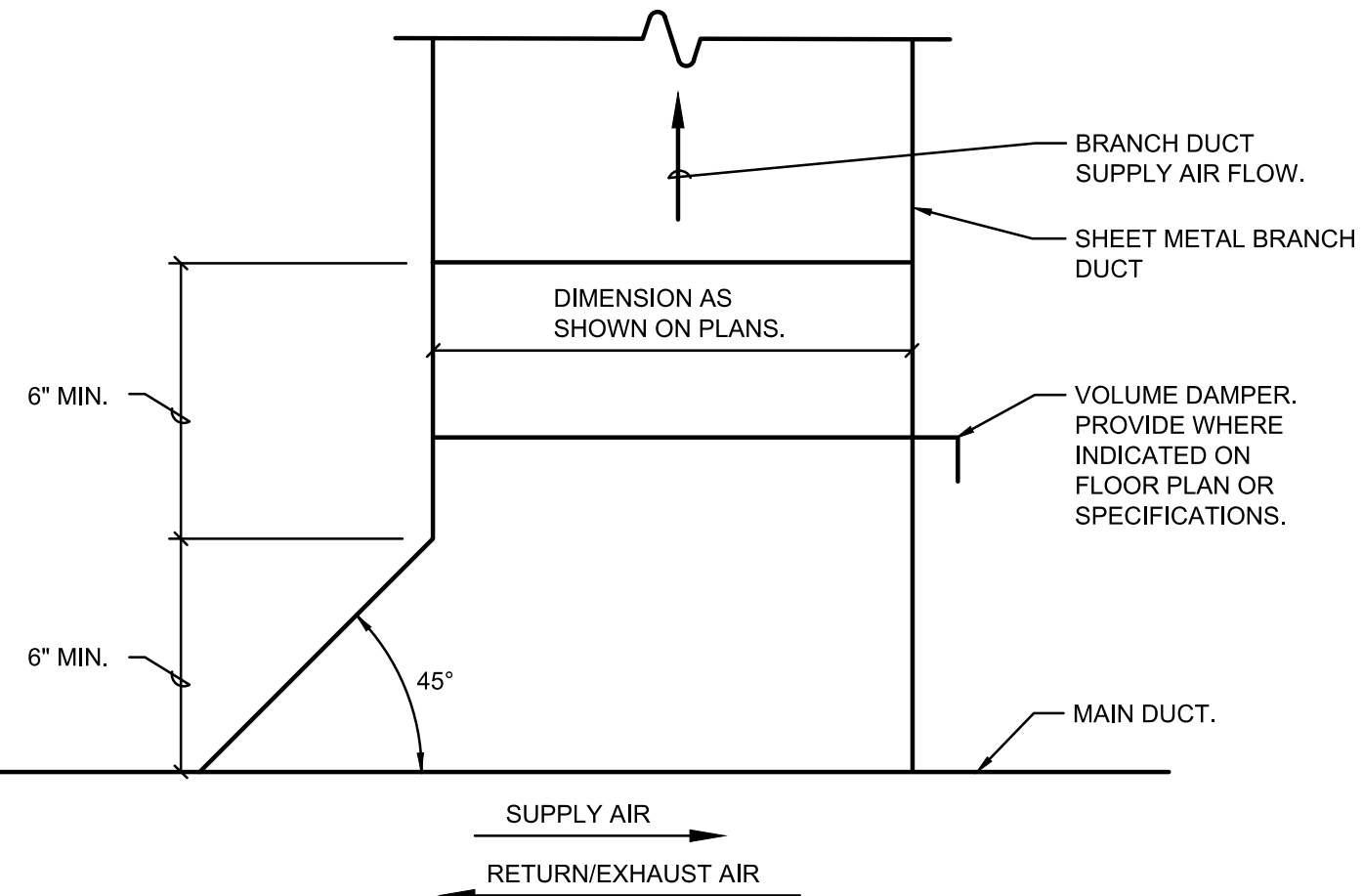
AIR INLET OR OUTLET SQUARE NECK

NO SCALE MHVDU08A



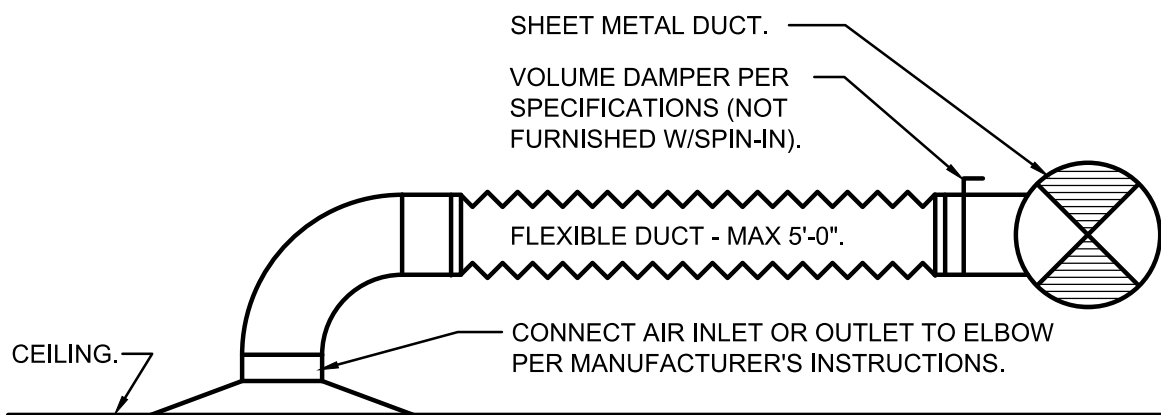
REHEAT COIL 2-WAY VALVE

NO SCALE MHOPD07A



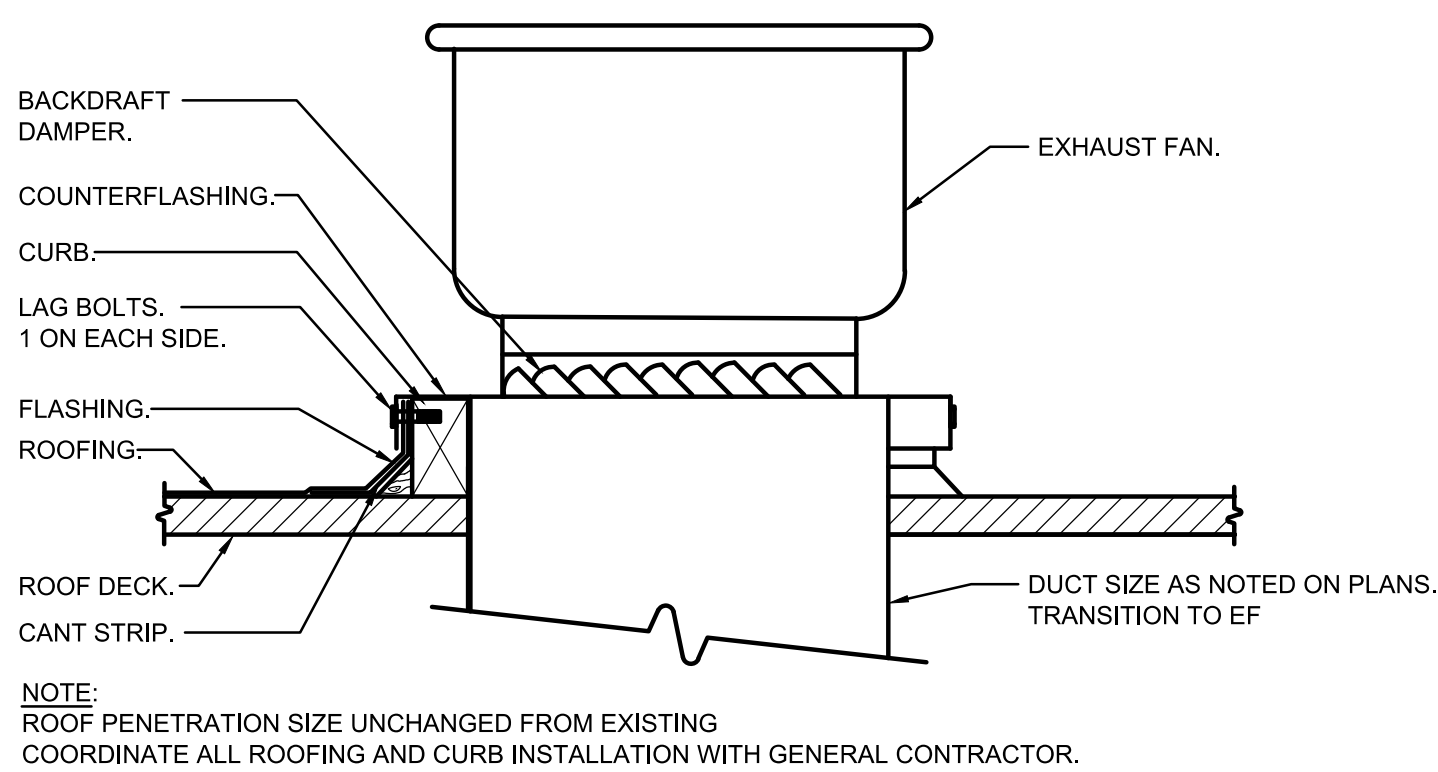
MAIN RECTANGULAR BRANCH DUCT CONNECTION

NO SCALE MHVDU11A



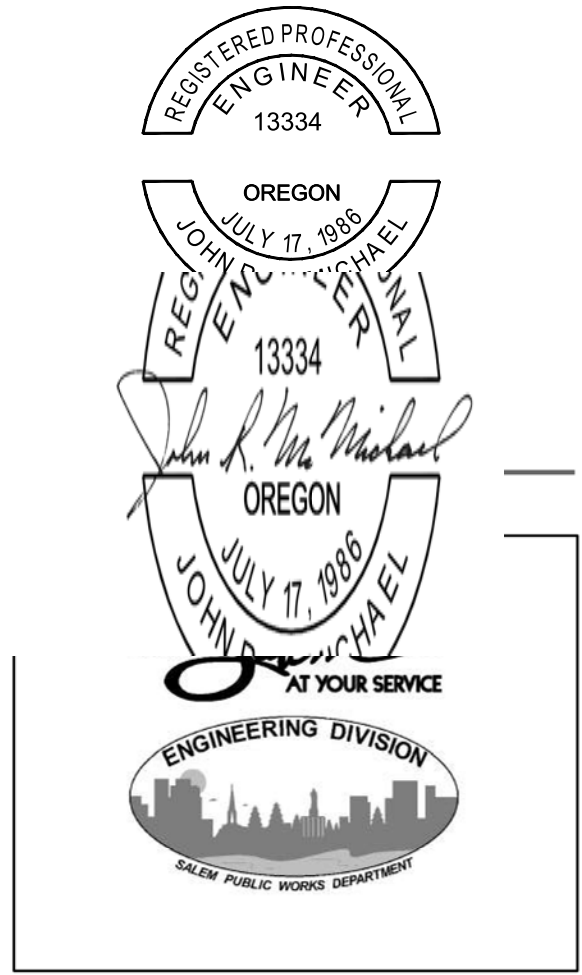
AIR INLET OR OUTLET ROUND NECK

NO SCALE MHVDU08B



DISHWASHER ROOF EXHAUST FAN

NO SCALE MEXEQ03B



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SHEET

DETAILS - MECHANICAL

M4.0

REV. 2 SET

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

#	NUMBER
&	AND
(A)	ABANDON IN PLACE
(E)	EXISTING
(F)	FUTURE
(N)	NEW
(R)	RELOCATE / RELOCATED LOCATION
(X)	DEMOLISH
@	AT
'	FOOT, FEET
A	AQUASTAT, ARCHITECT, ANCHOR, AMPHERE
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
BTUH	BRITISH THERMAL UNITS PER HOUR
CD	CONDENSATE DRAIN
CFH	CUBIC FEET PER HOUR
CFS	CUBIC FEET PER SECOND
CO	CLEANOUT
CONT.	CONTINUATION
CV	CHECK VALVE
CW	COLD WATER
D	DRAIN
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DET	DOMESTIC EXPANSION TANK
DF	DRINKING FOUNTAIN
DFU	DRAINAGE FIXTURE UNIT
DN	DOWN
DS	DOWNSPOUT
DSN	DOWNSPOUT NOZZLE
DW	DISHWASHER, DOMESTIC WATER
DWV	DRAINAGE, WASTE AND VENT
EW	ELECTRIC WATER COOLER
EW	ELECTRIC WATER HEATER
F	FIRE, FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
FL	FLOOR
FT	FEET
FV	FLUSH VALVE
GPM	GALLONS PER MINUTE
GWH	GAS WATER HEATER
HB	HOSE BIBB
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HW	HOT WATER
HWFU	HOT WATER FIXTURE UNIT
HWR	HOT WATER RETURN
HZ	HERTZ
IN, "	INCHES
INV	INVERT ELEVATION
IW	INDIRECT WASTE
L	LAVATORY
MIN	MINIMUM
MS	MOP SINK
MX	MIXING VALVE
N	NORTH
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN, OUTSIDE DIAMETER
OF	OWNER FURNISHED, CONTRACTOR INSTALLED
OF	OWNER FURNISHED, OWNER INSTALLED
P	PLUMBING, PUMP
PD	PRESSURE DROP, PLUMBING DEMOLITION, PUMPED DISCHARGE

PLBG

PLBG	PLUMBING
POC	POINT OF CONNECTION
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RD	ROOF DRAIN
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
RWL	RAINWATER LEADER
S, SK	SINK
SA	SHOCK ARRESTOR
SAN	SANITARY
SB	SERVICE BOX
SD	STORM DRAIN
SF	SQUARE FEET
SHT	SHEET
SOV	SHUT OFF VALVE
SP	SUMP PUMP, STATIC PRESSURE
TEMP	TEMPERATURE
TP	TRAP PRIMER, TOTAL PRESSURE
TYP	TYPICAL
U, UR	URINAL
V	VACUUM, VENT, VOLT
VTR	VENT THRU ROOF
W/	WITH
W	WASTE
WC	WATER COLUMN, WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER, WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WSFU	WATER SUPPLY FIXTURE UNIT

General

	DEMOLISH
	EXISTING WORK
	NEW WORK
	PIPE OR CONDUIT BELOW GRADE
	CONTINUATION
	EQUIPMENT IDENTIFICATION
	EXTENT OF DEMOLITION
	FIXTURE TAG (LEVEL BELOW FIXTURE)
	KEYED NOTE
	POINT OF CONNECTION

Piping Fittings

	ACCESS PANEL
	AQUASTAT
	BLIND FLANGE
	CAP
	CLEANOUT TO GRADE
	CONCENTRIC REDUCER
	DOWNSPOUT NOZZLE
	ECCENTRIC REDUCER
	FLOOR CLEANOUT
	FLOOR DRAIN
	FLOOR SINK
	FLOW DIRECTION
	HOSE BIBB / WALL HYDRANT
	OVERFLOW ROOF DRAIN
	PIPE DROP

	PIPE RISE
	PUMP
	ROOF DRAIN
	SHOCK ABSORBER / WATER HAMMER ARRESTOR
	STRAINER
	T&P RELIEF VALVE WITH PIPE TO DRAIN
	TEE DOWN ON PIPE
	TEE UP ON PIPE
	VENT THROUGH ROOF
	WALL CLEANOUT

Piping Systems

	COLD WATER PIPING
	CONDENSATE / INDIRECT DRAIN PIPING
	HOT WATER PIPING
	HOT WATER RETURN PIPING
	NATURAL GAS PIPING, 2 LB
	NATURAL GAS PIPING, 7" WC PRESSURE
	OVERFLOW DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR
	SANITARY VENT PIPING
	SANITARY WASTE OR SOIL PIPING ABOVE GRADE OR FINISHED FLOOR
	SANITARY WASTE OR SOIL PIPING BELOW GRADE OR FINISHED FLOOR
	STORM DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR
	STORM DRAIN PIPING BELOW GRADE OR FINISHED FLOOR
	TRAP PRIMER PIPING

Valves

	BACKFLOW PREVENTER
	CHECK VALVE
	SHUTOFF VALVE, GENERAL

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE TYPE	DESCRIPTION	MFR	MODEL	BASIS OF DESIGN	CONNECTION				NOTES
						W	V	CW	HW	
FS-1	FLOOR SINK	CAST IRON FLANGED RECEPTOR, SEEPAGE HOLES, ACID RESISTANT COATED INTERIOR, NICKEL BRONZE RIM, LESS GRATE, ALUMINUM DOME BOTTOM STRAINER, 10-INCH DEEP	JR SMITH	3160Y-11	ACCESSORIES	4"	2"	PRIMER CONN.	--	
FS-2	FLOOR SINK	CAST IRON FLANGED RECEPTOR, SEEPAGE HOLES, ACID RESISTANT COATED INTERIOR, NICKEL BRONZE RIM, 1/2-GRATE, ALUMINUM DOME BOTTOM STRAINER, 10-INCH DEEP	JR SMITH	3160Y-12		4"	2"	PRIMER CONN.	--	
NOTES: 1 SEE ARCHITECTURAL DRAWINGS FOR ALL FIXTURE MOUNTING HEIGHTS AND LOCATIONS. * UNLESS NOTED OTHERWISE ON DRAWINGS										

PUMP SCHEDULE

SYMBOL	EQUIPMENT TYPE	LOCATION / SERVING	BASIS OF DESIGN		FLOW RATE (GPM)	HEAD (FT H2O)	RPM	ELECTRICAL					COMMENTS
			MFR	MODEL				VOLTS	PH	AMPS	WATTS	HP	
SP-1	SUMP PUMP	STAGING AREA, RM 219/FLOOR SINK	PROFLO	PF92017	23	15		115	1	4.1	--	1/3	1-1/2" IN. NPT DISCHARGE. ELECTRICAL CORD LENGTH: 10 FT. POWER SOURCE: AC
NOTES:													

PLUMBING DEVICES SCHEDULE

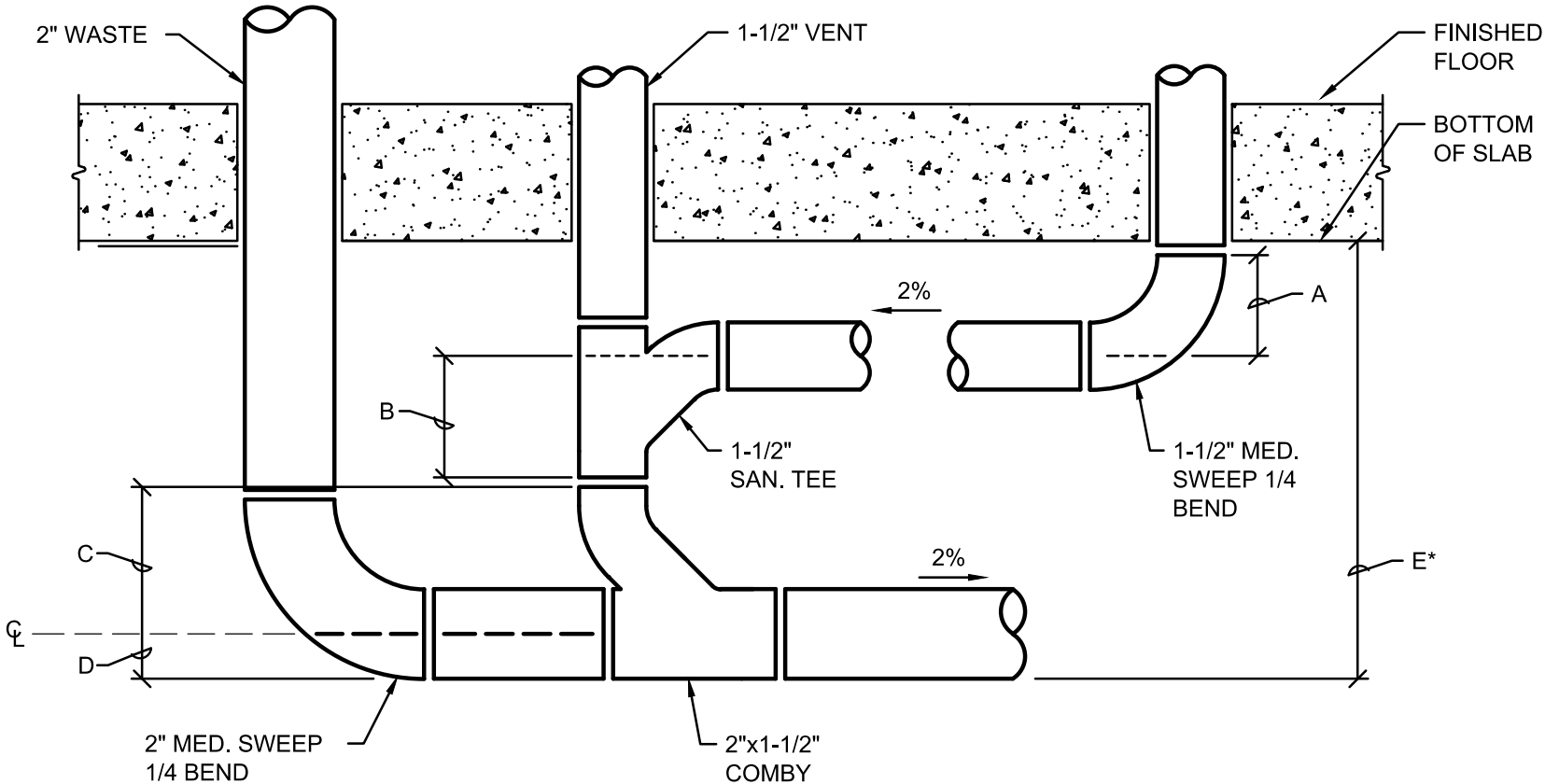
SYMBOL	FIXTURE TYPE	DESCRIPTION	MFR	MODEL	BASIS OF DESIGN	CONNECTION				NOTES
						W	V	CW	HW	
MV-1	MIXING VALVE	THERMOSTATIC MIXING VALVE, ASSE 1070 COMPLIANT, INTEGRAL CHECK VALVES, LEAD FREE: WATTS LFMMV	WATTS	LFMMV		--	--	1/2"	1/2"	
NOTES:										

GAS CALCULATIONS #1

FIXTURE	DESCRIPTION	NO. OF FIXT.	BTU/HR INPUT	TOTAL BTU/HR
PLUMBING EQUIPMENT				
73	20 GAL. KETTLE	1	80,000	80,000
72	EXISTING TLT SKILLET	1	104,000	104,000
71	EXISTING 20 GAL. KETTLE	1	100,000	100,000
67	STEAMER, DOUBLE STACK	2	125,000	250,000
65	OVEN, CONVECTION, DBL	2	88,000	176,000
TOTAL DEMAND (BTU)				710,000
TOTAL DEMAND (CFH)				710
GAS: NATURAL GAS PIPING: SCH 40 STEEL LESS THAN 2 PSI SUPPLY PRESSURE WITH 0.5 IN W.C. PRESSURE DROP 50 FEET DEVELOPED LENGTH				
2-1/2"	3530 CFH			
2"	2220 CFH			
1 1/2"	1150 CFH			
1 1/4"	768 CFH			
1"	374 CFH			
3/4"	199 CFH			
1/2"	95 CFH			

GAS CALCULATIONS #2

FIXTURE	DESCRIPTION	NO. OF FIXT.	BTU/HR INPUT	TOTAL BTU/HR
PLUMBING EQUIPMENT				
115	EXISTING FRYER	1	110,000	110,000
111	EXISTING 6 BURNER HOT PLATE	1	160,000	160,000
108	GRIDDLE	1	90,000	90,000
105	EXISTING GRIDDLE	1	115,000	115,000
102	COUNTERTOP CHARBROILER	1	110,000	110,000
100	STOCK POT RANGE	2	220,000	440,000
95	OVEN, CONVECTION, DBL	2	88,000	176,000
TOTAL DEMAND (BTU)				1,201,000
TOTAL DEMAND (CFH)				1,201
GAS: NATURAL GAS PIPING: SCH 40 STEEL LESS THAN 2 PSI SUPPLY PRESSURE WITH 0.5 IN W.C. PRESSURE DROP 30 FEET DEVELOPED LENGTH				
2-1/2"	3530 CFH			
2"	2220 CFH			
1 1/2"	1150 CFH			
1 1/4"	768 CFH			
1"	374 CFH			
3/4"	199 CFH			
1/2"	95 CFH			



ADD: 1" LENGTH OF VENT TIMES TWO (2) PERCENT, PLUS THICKNESS OF SLAB. IF TIGHT, MAY START QUARTER BEND SWEEP 2" UP IN SLAB TO RAISE INVERT. DIM E DOES NOT INCLUDE LOSS IN ELEVATION DUE TO PIPE SLOPE.

NOTES: -ALLOW 1/4" AT EACH NO-HUB COUPLING.
-NO-HUB COUPLINGS NOT SHOWN FOR CLARITY.

VENT SIZE:	1-1/2"	2"
A	4-1/4"	6-1/2"
B	4-1/4"	4-1/2"
C	5-7/8"	6-1/8"
D	1-1/4"	1-1/4"
E	15-5/8"	18-3/8"

ISLAND VENTING:
MINIMUM INVERTS BELOW FINISH FLOOR

NO SCALE

SHEET INDEX

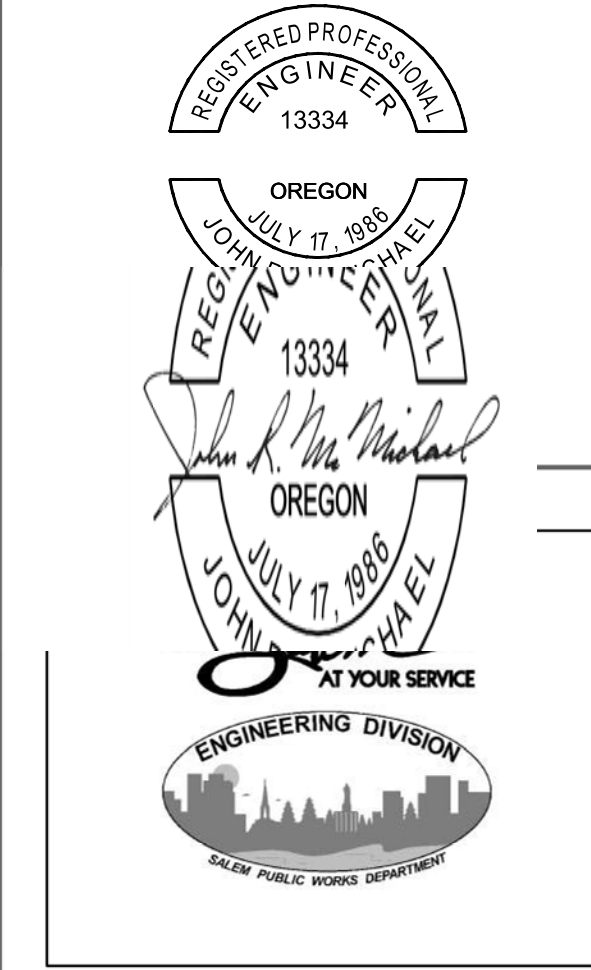
P0.1	COVER SHEET - PLUMBING
P1.0	FIRST FLOOR OVERALL PLAN - PLUMBING
PD2.0	ENLARGED FIRST FLOOR DEMOLITION PLAN - PLUMBING
P2.0	ENLARGED FIRST FLOOR PLAN - PLUMBING
P2.1	ENLARGED SECOND FLOOR PLAN - PLUMBING

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18-0927 05/21/2019
Rev 2 10/29/2019

PROJECT NO. ISSUE DATE

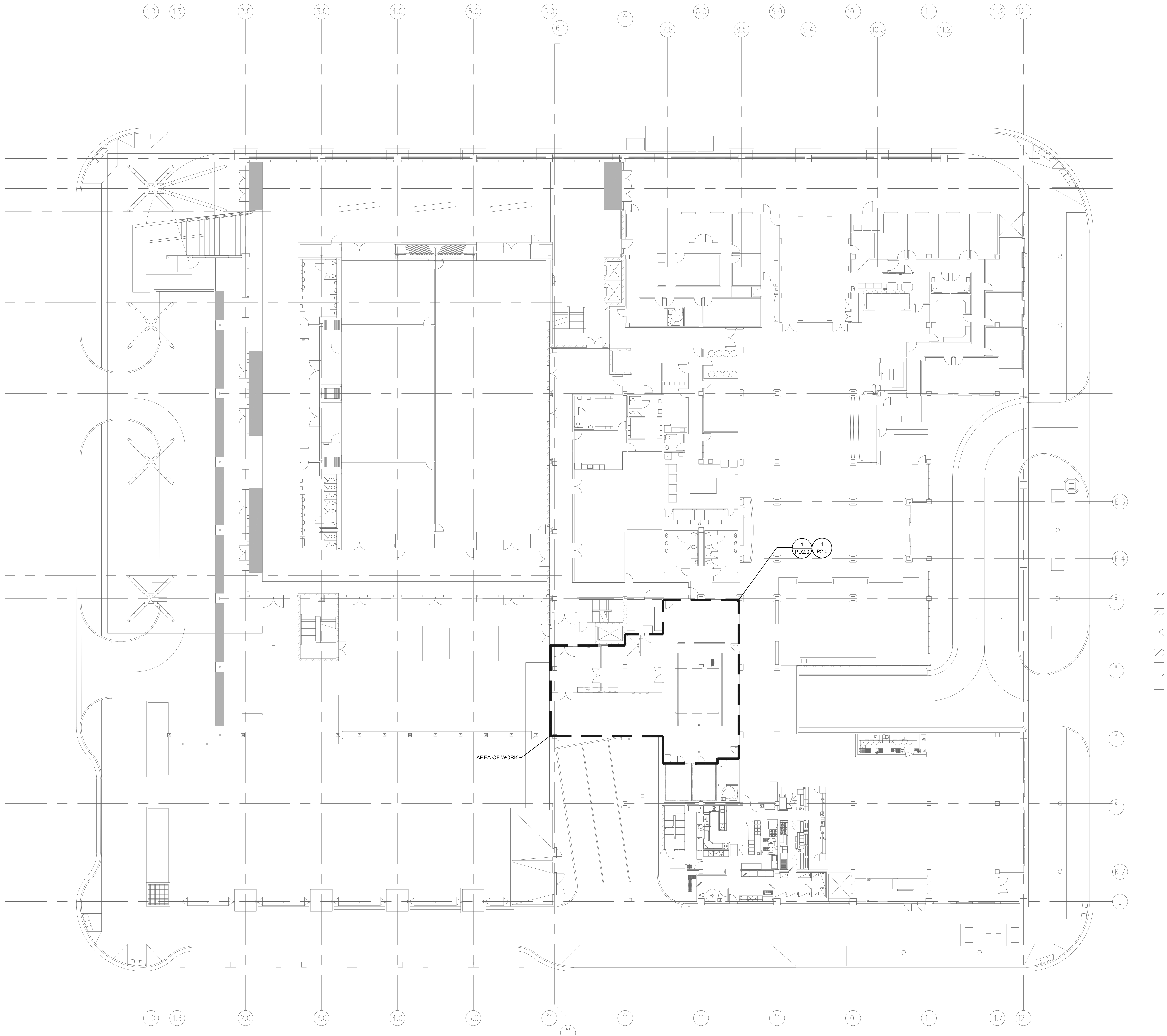
REVISIONS	
REVISION 2	10/29/2019

SHEET

COVER SHEET - PLUMBING

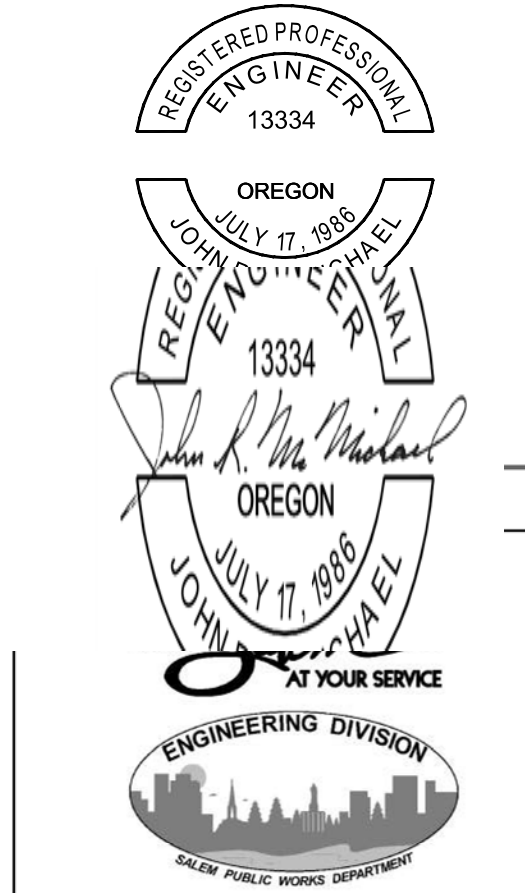
P0.1

REV. 2 SET



1 FIRST FLOOR OVERALL PLAN - PLUMBING

0 2' 4' 8'
SCALE: 1/4"=1'-0"



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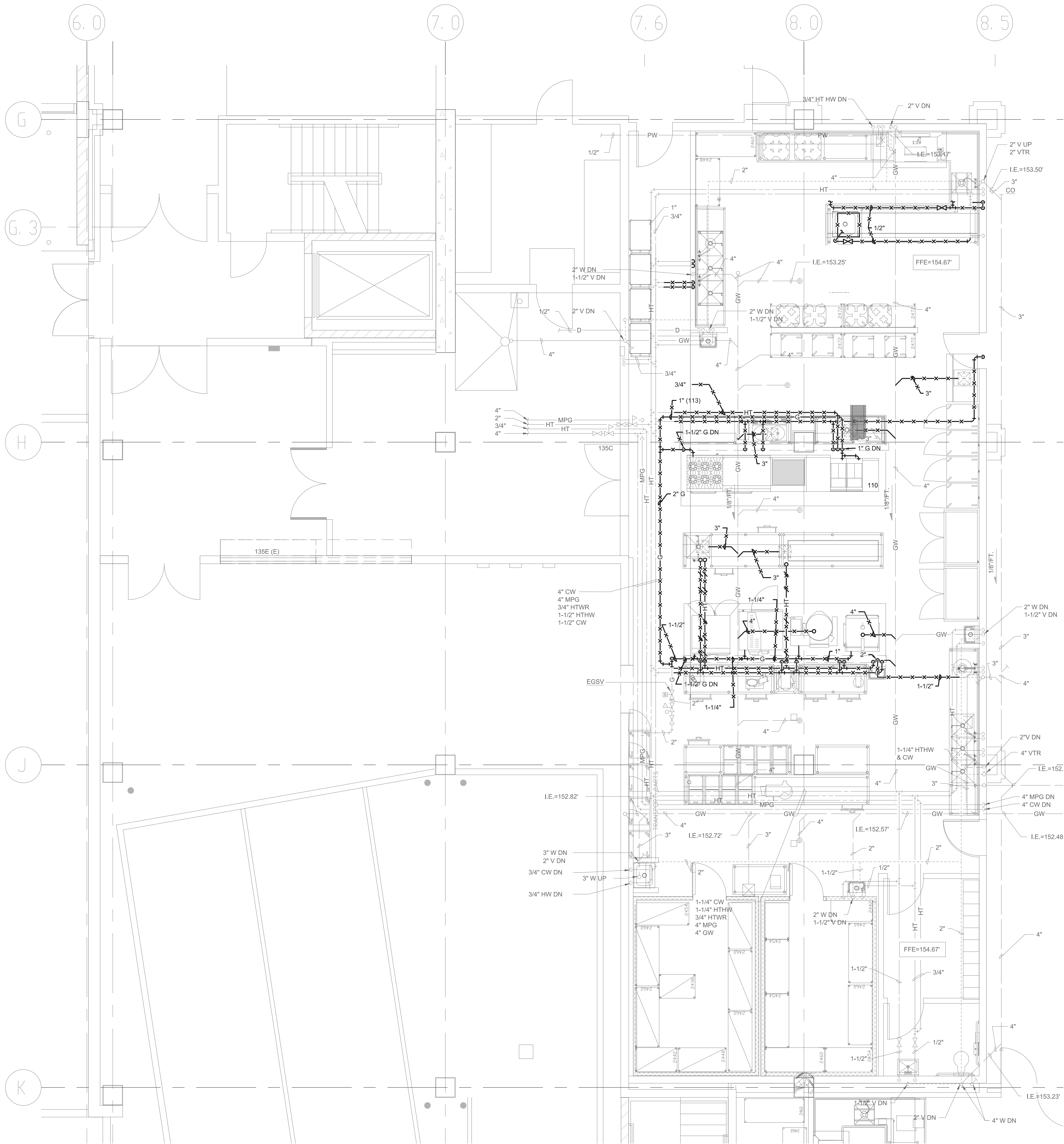
FIRST FLOOR OVERALL
PLAN - PLUMBING

P1.0

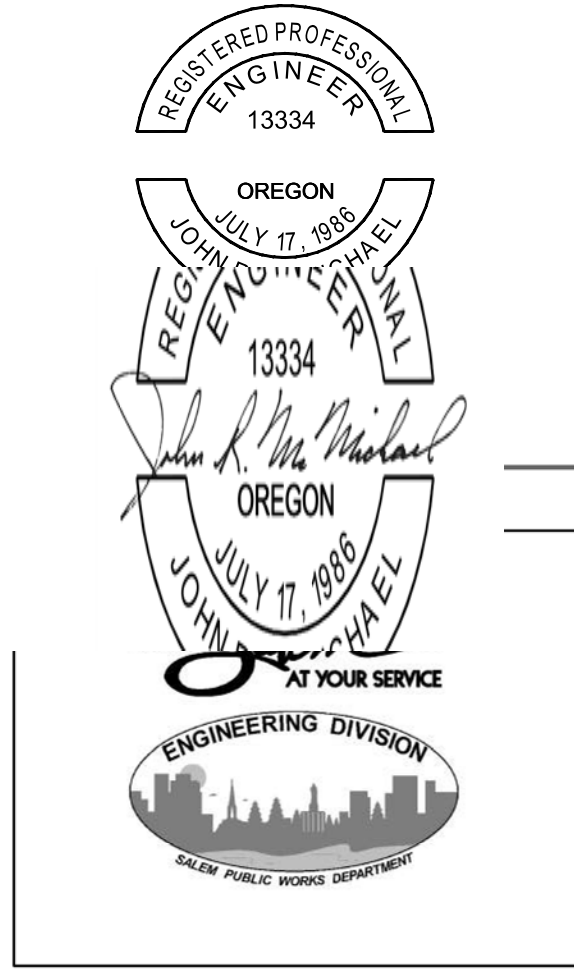
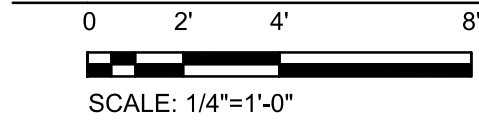
REV. 2 SET

GENERAL SHEET NOTES

A. ALL WORK THIS SHEET TO BE DONE IN PHASE 2.



1 ENLARGED FIRST FLOOR DEMOLITION PLAN - PLUMBING



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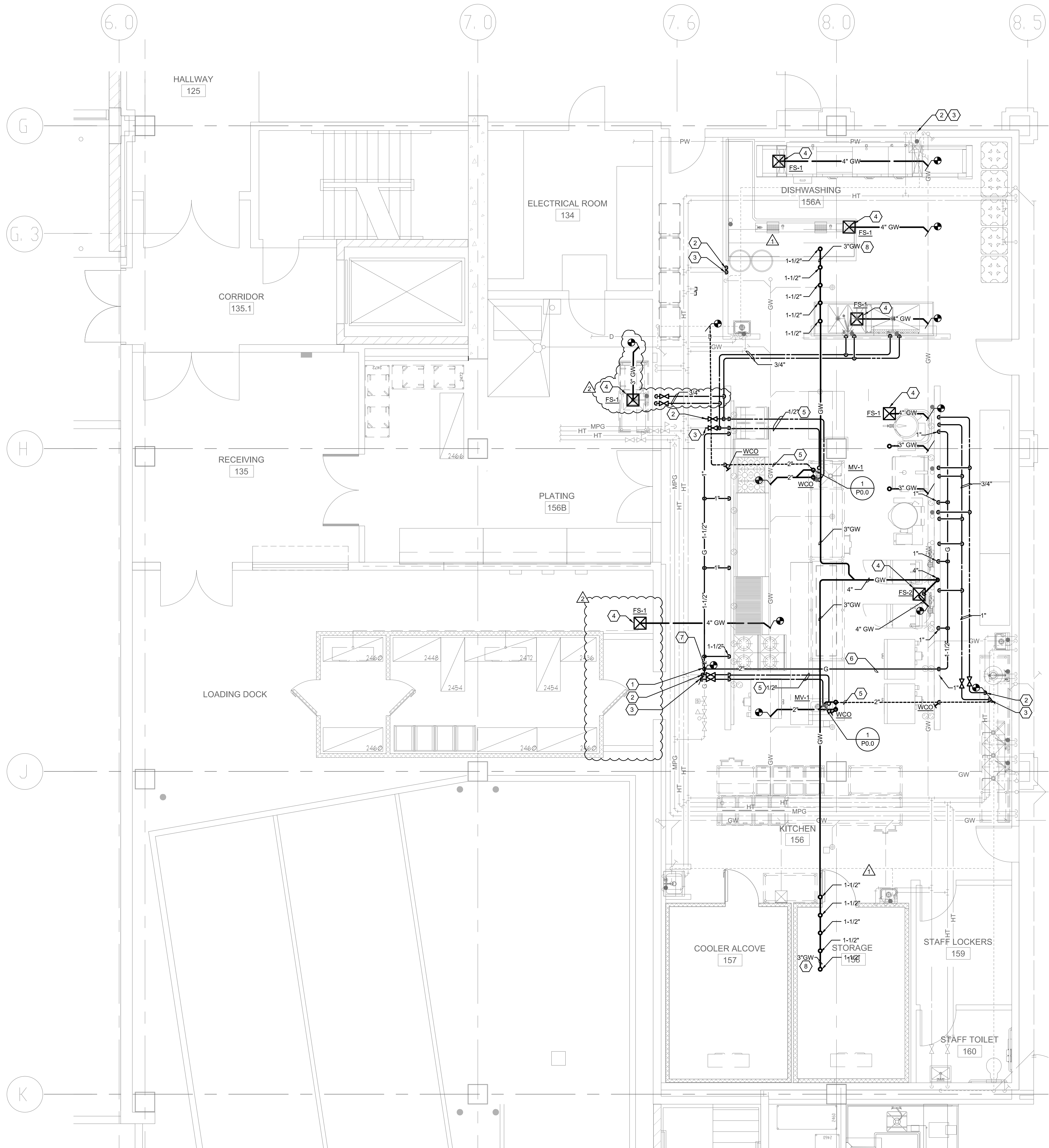
SHEET

ENLARGED FIRST FLOOR
DEMOLITION PLAN - PLUMBING

PD2.0

REV. 2 SET

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1 ENLARGED FIRST FLOOR PLAN - PLUMBING

0 2 4 8
SCALE: 1/4"=1'-0"

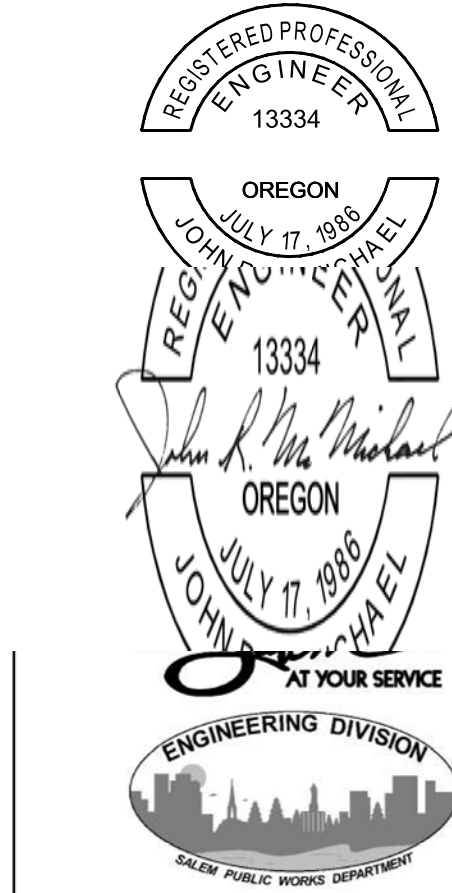


GENERAL SHEET NOTES

A. ALL WORK THIS SHEET TO BE DONE IN PHASE 2.

SHEET KEYNOTES

- SEE KITCHEN CONSULTANT DRAWINGS FOR GAS LOAD AND CONNECTION SIZES FOR KITCHEN EQUIPMENT.
- SEE KITCHEN CONSULTANT DRAWINGS FOR HOT WATER CONNECTION SIZES TO KITCHEN EQUIPMENT AND PLUMBING FIXTURES.
- SEE KITCHEN CONSULTANT DRAWINGS FOR COLD WATER CONNECTION SIZES TO KITCHEN EQUIPMENT AND PLUMBING FIXTURES.
- CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF POST TENSION CABLING IN THE FLOOR SLAB PRIOR TO CORE DRILLING CONCRETE SLAB.
- ROUTE PIPING BELOW FLOOR TO FIXTURE.
- REFER TO P-01 GAS CALCULATION #1 FOR MORE INFORMATION.
- REFER TO P-01 GAS CALCULATION #2 FOR MORE INFORMATION.
- COORDINATE ROOF TOP PCU DRAIN LOCATION WITH MECHANICAL SHEET M2.2. ROUTE PCU DRAIN PIPING @ 1/4" PER FOOT SLOPE AWAY FROM UNIT. PROVIDE AN INDIRECT CONNECTION TO GREASE WASTE SYSTEM. SEE KITCHEN CONSULTANT SHEET K-6.15, CAPTIVEAIRE DRAWING SHEET 16 FOR MORE INFORMATION.



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ADDENDUM 1 06/18/2019

REVISION 2 10/29/2019

SHEET

ENLARGED FIRST
FLOOR PLAN - PLUMBING

P2.0

REV. 2 SET

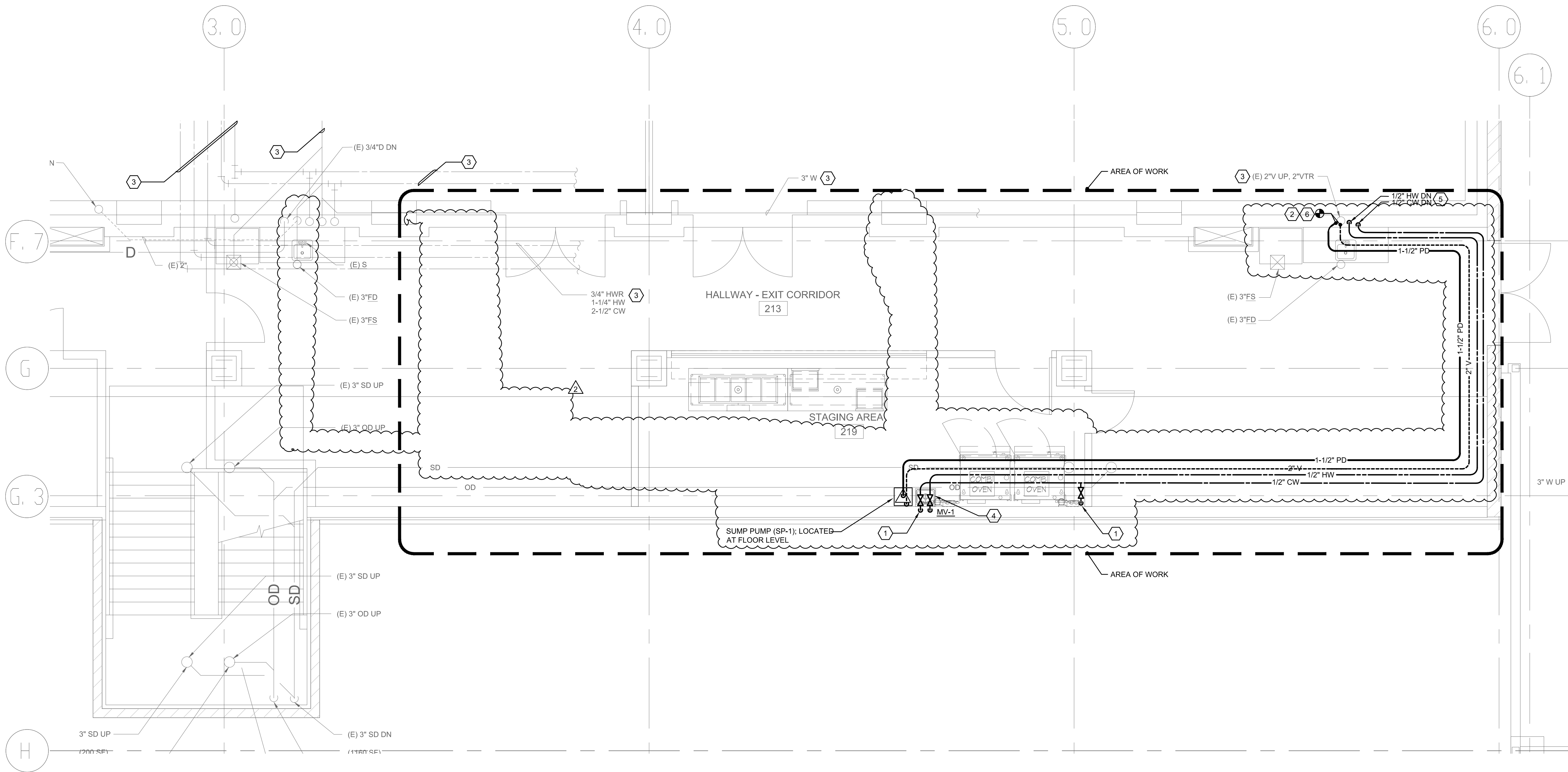
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GENERAL SHEET NOTES

A. ALL WORK THIS SHEET TO BE DONE IN PHASE 1.

SHEET KEYNOTES

- 1 SEE KITCHEN CONSULTANT DRAWINGS FOR HOT AND COLD WATER CONNECTION SIZES TO KITCHEN EQUIPMENT AND PLUMBING FIXTURES.
- 2 CONNECT 2" VENT TO EXISTING 2" VENT AT THIS APPROXIMATE LOCATION.
- 3 EXISTING PIPING BELOW FLOOR.
- 4 CONNECT 3/4" CONDENSATE DRAIN TO TAILPIECE OF LAVATORY.
- 5 CONNECT TO EXISTING HOT/COLD WATER PIPING AT THIS APPROXIMATE LOCATION.
- 6 CONNECT 1-1/2" PUMPED DRAIN TO EXISTING HAND SINK WASTE PIPING DOWNSTREAM OF SANITARY TEE ON VERTICAL PIPING.



1 ENLARGED SECOND FLOOR PLAN - PLUMBING

0 2' 4' 8'
SCALE: 1/4"=1'-0"



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KITCHEN IMPROVEMENTS

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SHEET

ENLARGED SECOND
FLOOR PLAN - PLUMBING

P2.1

REV. 2 SET

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ELECTRICAL SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(E)	EXISTING
(N)	NEW
(X)	DEMOLISH
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AVAILABLE INTERRUPTING CAPACITY
AWG	AMERICAN WIRE GAUGE
C	CONDUIT, CLOSE, CONTROL
CAT	CATEGORY
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CU	COPPER
EMT	ELECTRICAL METALLIC TUBING
FMC	FLEXIBLE METAL CONDUIT
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
KVA	KILOVOLT AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
M	MOTOR
MCA	MINIMUM CIRCUIT AMPS
MOCP	MAXIMUM OVERCURRENT PROTECTION
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
OS	OCCUPANCY SENSOR
PH	PHASE
UL	UNDERWRITERS LABORATORIES
V	VOLTS, VOLTAGE
W	WIRE, WHITE
WP	WEATHERPROOF

Connections / Equipment

	HEAVY DUTY FUSED DISCONNECT SWITCH
OR	JUNCTION BOX
	JUNCTION BOX, FLUSH POKE THROUGH
	WALL-MOUNTED JUNCTION BOX
	NON-FUSED DISCONNECT SWITCH

General

	DEMOLISH
	EXISTING WORK
	NEW WORK
	DETAIL NUMBER AND SHEET LOCATION
	EQUIPMENT IDENTIFICATION
	FOOD SERVICE EQUIPMENT / CALCULATION TAG

Lighting

	COMBINATION EXIT SIGN WALL MOUNTED AND DUAL HEAD EMERGENCY EGRESS LIGHTING WITH BATTERY PACK. ARROW(S) INDICATES DIRECTION IF SHOWN
--	---

	EMERGENCY LUMINAIRE WITH BATTERY PACK
	EXIT SIGN CEILING MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
	EXIT SIGN WALL MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
	RECESSED 1' X 4' LUMINAIRE
	RECESSED 2' X 2' LUMINAIRE
	RECESSED 2' X 2' LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT
	RECESSED 2' X 4' LUMINAIRE
	SURFACE OR PENDANT MOUNTED 6' X 8' LUMINAIRE

Raceways

	CONDUIT CONCEALED IN WALL OR CEILING SPACE
	CONDUIT ROUTED BELOW FLOOR / GRADE
	CONDUIT ELLED DOWN
	CONDUIT ELLED UP
	CONDUIT/WIRING CONTINUATION

Switches and Receptacles

	DUPLEX RECEPTACLE (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS) C = CEILING MOUNTED G = GROUND FAULT CIRCUIT INTERRUPTER W = WEATHERPROOF CONTINUOUS USE COVER, GFCI PROTECTED, WITH WEATHER-RESISTANT RECEPTACLE SPECIAL PURPOSE RECEPTACLE. LETTER CODE DENOTES RECEPTACLE CONFIGURATION LX-XXR = NEMA CONFIGURATION TWIST-LOCK RECEPTACLE X-XXR = NEMA CONFIGURATION STRAIGHT BLADE RECEPTACLE P = PENDANT MOUNT WITH CORD GRIPS. VERIFY PENDANT LENGTH X = COORDINATE RECEPTACLE CONFIGURATION WITH EQUIPMENT BEING SUPPLIED
	FLUSH POKE-THRU WITH DUPLEX RECEPTACLE
	CEILING MOUNTED OCCUPANCY SENSOR P = PASSIVE INFRARED D = DUAL TECHNOLOGY U = ULTRASONIC, 360 DEG RANGE H = ULTRASONIC, HALLWAY PATTERN v (LOWER CASE) = VACANCY CONTROL DESIGNATION
	MULTIPLE CHANNEL SURFACE METAL RECEPTACLE RACEWAY WITH LOW VOLTAGE DIVIDERS, LENGTH AND RECEPTACLES AS INDICATED
	SURFACE METAL RECEPTACLE RACEWAY
	SINGLE POLE SWITCH 2 = DOUBLE POLE SWITCH 3 = THREE-WAY SWITCH 4 = FOUR-WAY SWITCH a THRU z (LOWERCASE) = LUMINAIRE CONTROL DESIGNATION D = DIMMER M = MANUAL MOTOR STARTER WITH THERMAL OVERLOAD W = WEATHERPROOF SWITCH

TECHNOLOGY SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Electronic Security

	CEILING MOUNTED MOTION DETECTION SENSOR WITH 3/4" C TO ACCESSIBLE CEILING AND CABLING TO NEAREST TELECOM ROOM
	DOOR POSITION SWITCH/CONTACT WITH 3/4" C TO ACCESSIBLE CEILING AND CABLING TO NEAREST TELECOM ROOM
	ELECTRIC LATCH CONNECTION WITH 3/4" C TO ACCESSIBLE CEILING AND CABLING TO NEAREST TELECOM ROOM
	ELECTRIC STRIKE DOOR LOCKS WITH 3/4" C TO ACCESSIBLE CEILING AND CABLING TO NEAREST TELECOM ROOM
	WALL MOUNTED ACCESS CONTROL CARD READER WITH 3/4" C TO ACCESSIBLE CEILING AND CABLING TO NEAREST TELECOM ROOM

Equipment

	2-POST EQUIPMENT RACK
--	-----------------------

Paging/Intercom

	CEILING SPEAKER WITH 1/2" C TO ACCESSIBLE CEILING AND CABLING TO NEAREST TELECOM ROOM
	SPEAKER VOLUME CONTROL WITH 3/4"C TO ACCESSIBLE CEILING SPACE AND CABLING PER SPECIFICATIONS. MOUNT 48" AFF.

Telecommunications

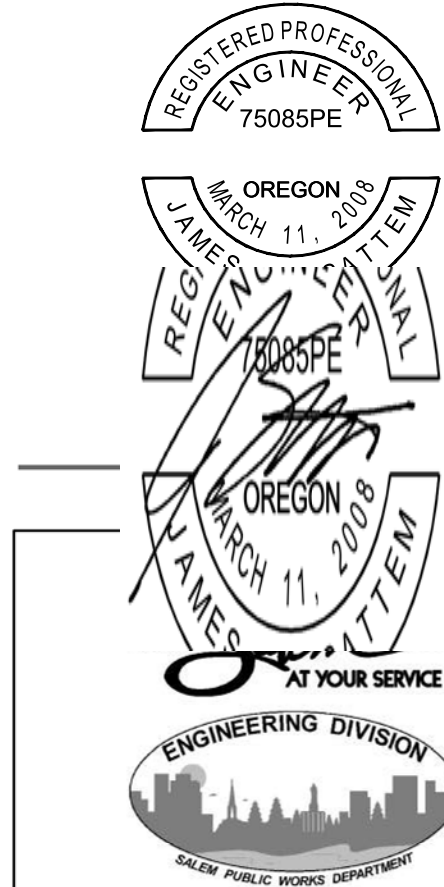
	STANDARD COMMUNICATIONS OUTLET WITH (3) CAT6 CABLE(S) TO NEAREST MDF/IDF AND 1" C. TO ACCESSIBLE CEILING SPACE.
	TELEPHONE OUTLET WITH (1) CAT6 CABLE TO NEAREST MDF/IDF AND 3/4" C. TO ACCESSIBLE CEILING SPACE.
	ALTERNATE COMMUNICATIONS OUTLET (X): A = ABOVE COUNTER WITH (3) CAT6 CABLE(S) TO NEAREST TELECOM ROOM AND 1" C. TO ACCESSIBLE CEILING SPACE. C = SINGLE GANG BOX, FLUSH IN CEILING, MOUNTED TO TILE BRIDGE WITH (2) CAT6 CABLE(S) TO NEAREST TELECOM ROOM. T = TAMPER RESISTANT WITH (3) CAT6 CABLE(S) TO NEAREST TELECOM ROOM AND 1" C. TO ACCESSIBLE CEILING SPACE. W= LOCATION FOR FLUSH MOUNT WIRELESS ACCESS POINT OUTLET WITH (1) CAT6 CABLE TO NEAREST TELECOM ROOM AND 1" C. ACCESSIBLE CEILING SPACE, UON. # = XX CAT 6 CABLES TO NEAREST TELECOM ROOM AND 1" C TO ACCESSIBLE CEILING SPACE (X) OUTLET WITH 1" C. FLEX CONNECTION TO FURNITURE SYSTEM OR CASEWORK. "X" DENOTES QUANTITY OF CAT6 CABLES.
	POKE-THRU COMBINATION TELE/DATA OUTLET, WITH (3) CAT6 CABLE(S) TO NEAREST MDF/IDF, UON.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	HOUSING	SHIELDING	MOUNTING	FINISH	UL/IP RATING	POWER SOURCE	LIGHT SOURCE(S)	INPUT WATTS	MFG/CATALOG #	NOTES
A-XX	PENDANT MOUNTED LINEAR LED, 80% INDIRECT DISTRIBUTION, 40% DIRECT DISTRIBUTION	NOMINAL 3-INCH WIDE BY 5-INCH HIGH IN LENGTHS AS INDICATED ON DRAWINGS (XX) EXTRUDED ALUMINUM	INDIRECT LED DUST COVER, DIRECT ACRYLIC SATIN LENS	SUSPENDED, MOUNT BOTTOM OF LUMINAIRE AT 8'-0" AFF; UNLESS OTHERWISE NOTED.	WHITE		0-10 VOLT, ELECTRONIC DIMMING DRIVER	NOMINAL 425 LUMENS PER FOOT, 3500K, 90 CRI	18 WATTS PER FOOT	GAMMALUX GBEAM SERIES, FOCAL POINT, LUMENWERX OR APPROVED.	LUMINAIRE LENGTHS (XX) - 4', 6', 8', 10', 12', 16', 24', 26'.
B	SUSPENDED LED STRIP LIGHT	NOMINAL 3-INCH WIDE BY 4-INCH HIGH BY 48-INCH LONG STEEL.	ROUND LENSE	SUSPENDED, MOUNT BOTTOM OF LUMINAIRE AT 8'-0" AFF; UNLESS OTHERWISE NOTED.	WHITE		INTEGRAL ELECTRONIC DRIVER	NOMINAL 2344 WATTTTS, 3500K	16 WATTS	METALLUX SLED, CREE, LITHONIA, OR APPROVED.	
X1	UNIVERSAL MOUNTED DIE-CAST EXIT SIGN WITH ALUMINUM FINISH, SINGLE FACE	NOMINAL 14-INCH WIDE BY 8-INCH HIGH DIE CAST ALUMINUM AND ACRYLIC HOUSING	NA	CONTRACTOR TO VERIFY BACKBOX REQUIREMENTS DURING ROUGH-IN, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS	WHITE		INTEGRAL ELECTRONIC DRIVER	GREEN LED	NOMINAL 2 WATTS	LITHONIA LQC, SURE-LITES, EVENLITE, OR APPROVED.	PROVIDE DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS
NOTES: 1 THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS. 2 DIMMING CONTROL PROTOCOL (0-10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS. 3 PROVIDE +/- 12 INCH ADJUSTABILITY IN AIRCRAFT CABLE LENGTH WHERE USED. 4 COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN. 5 SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED. 6 PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND DRIVER INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD. 7 REMOTE BALLASTS/DRIVERS: UL LISTED FOR THEIR APPLICATION. BALLASTS/DRIVERS MARKED AS UL RECOGNIZED COMPONENT BUT NOT UL LISTED ARE SUBJECT TO REMOVAL AND REPLACEMENT AT NO COST TO OWNER.											

SHEET INDEX

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ED3.0	ENLARGED FIRST FLOOR DEMOLITION PLAN - POWER
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E4.0	SCHEDULES - ELECTRICAL
E5.0	PARTIAL ONE-LINE DIAGRAM - ELECTRICAL
E5.1	DETAILS - ELECTRICAL



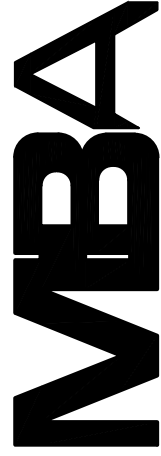
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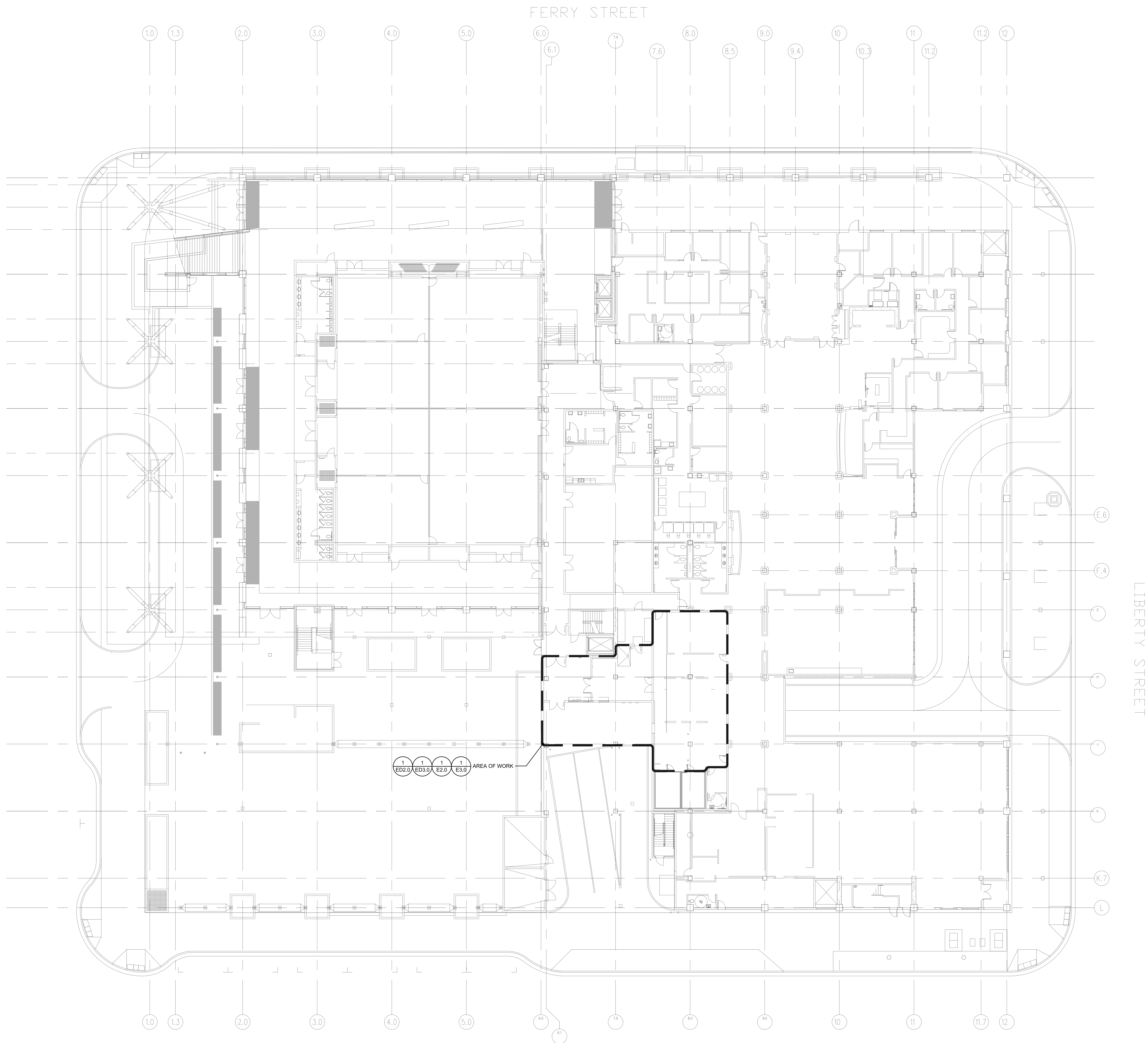
REVISIONS

SHEET

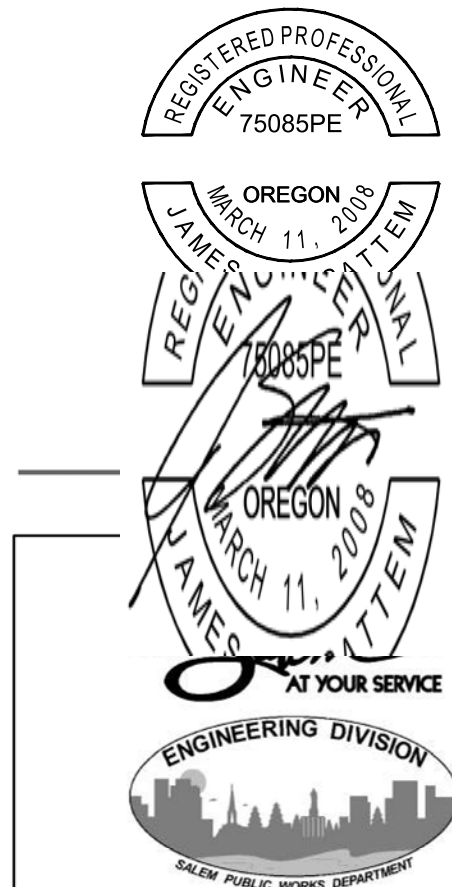
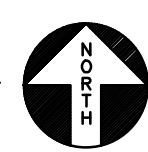
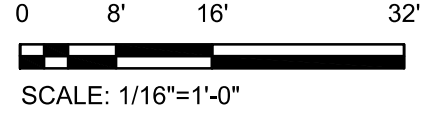
COVER SHEET - ELECTRICAL

E0.0

REV. 2 SET



1 FIRST FLOOR OVERALL PLAN - ELECTRICAL



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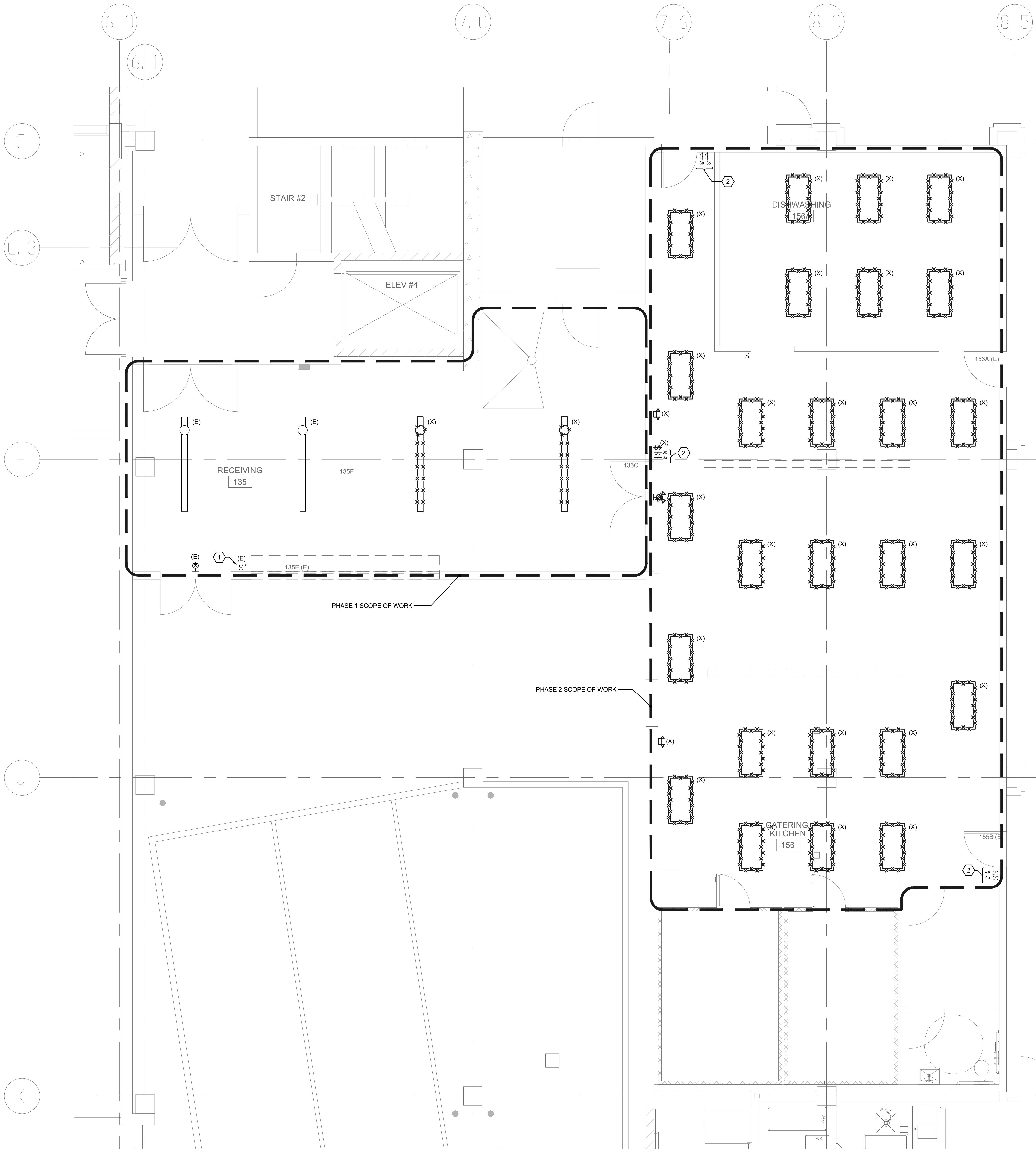
REVISIONS

SHEET

FIRST FLOOR OVERALL
PLAN - ELECTRICAL

E1.0

REV. 2 SET

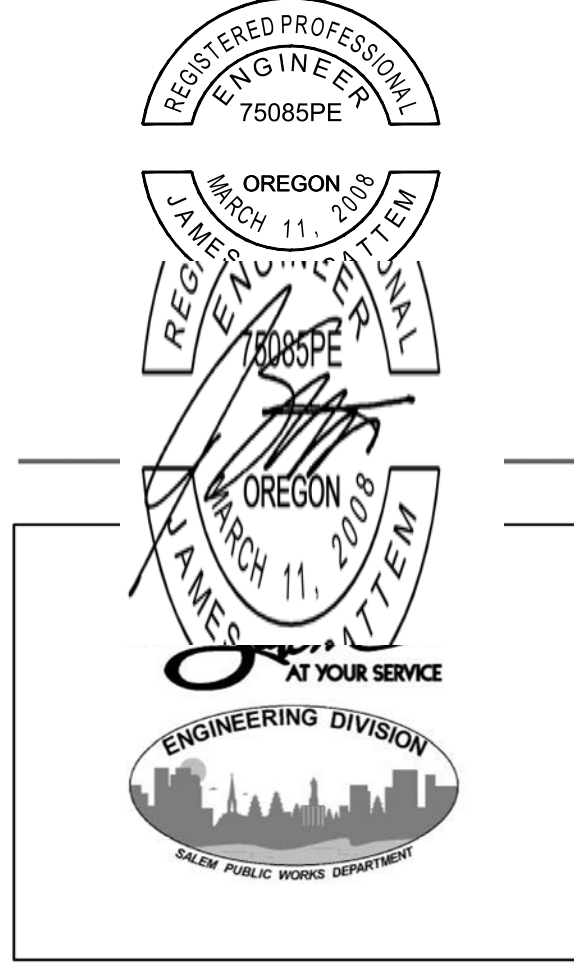


1 ENLARGED FIRST FLOOR DEMOLITION PLAN - LIGHTING

0 2' 4' 8'
SCALE: 1/4"=1'-0"

SHEET KEYNOTES

- 1 EXISTING SWITCH TO REMAIN FOR CONTROL OF REMAINING (2) LUMINAIRES IN DIVIDED ROOM.
- 2 EXISTING SWITCHES TO REMAIN FOR CONTROL OF NEW LUMINAIRES WITHIN KITCHEN, SEE SHEET E2.0.



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SHEET

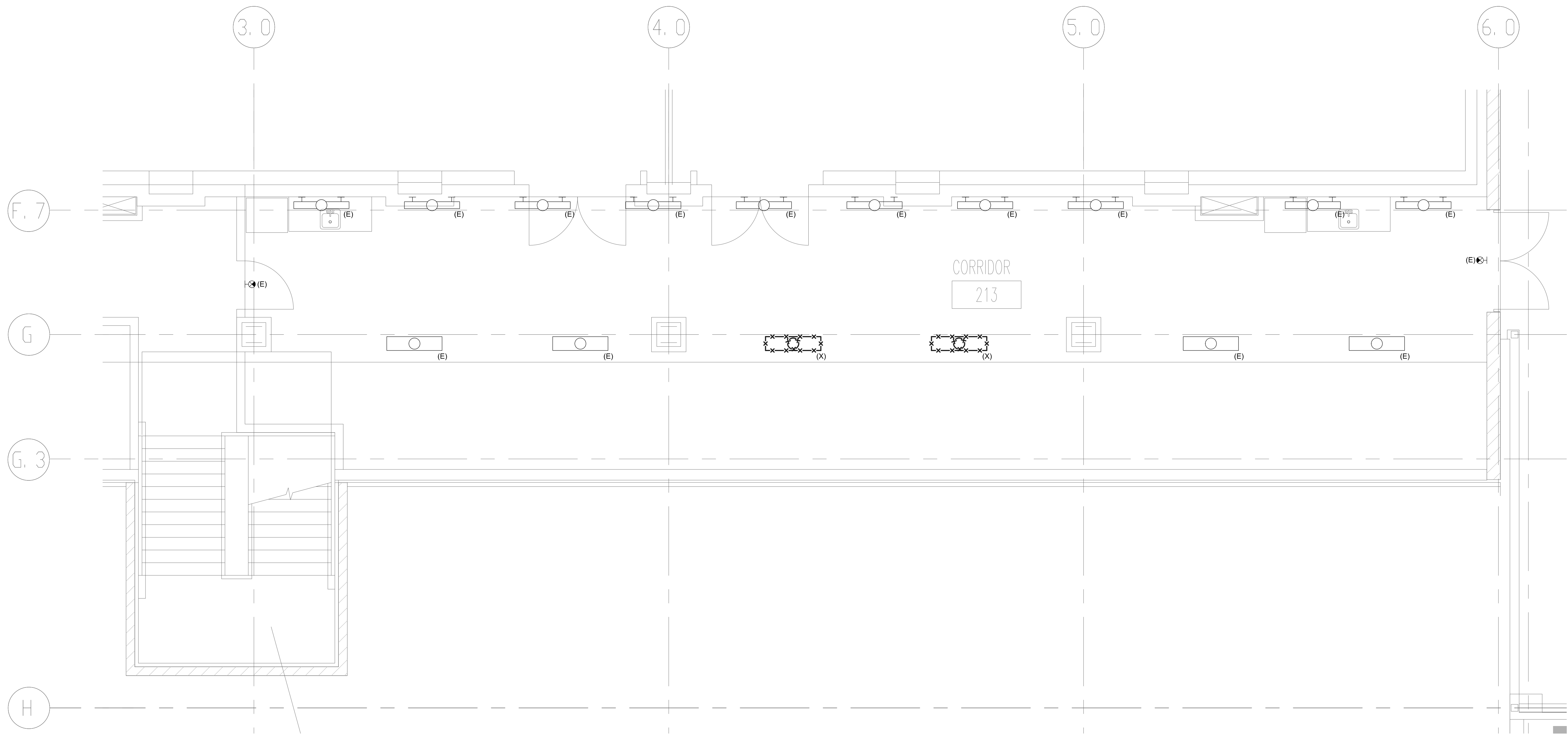
ENLARGED FIRST FLOOR
DEMOLITION PLAN - LIGHTING

ED2.0

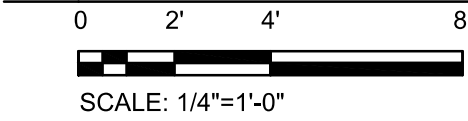
REV. 2 SET

GENERAL SHEET NOTES

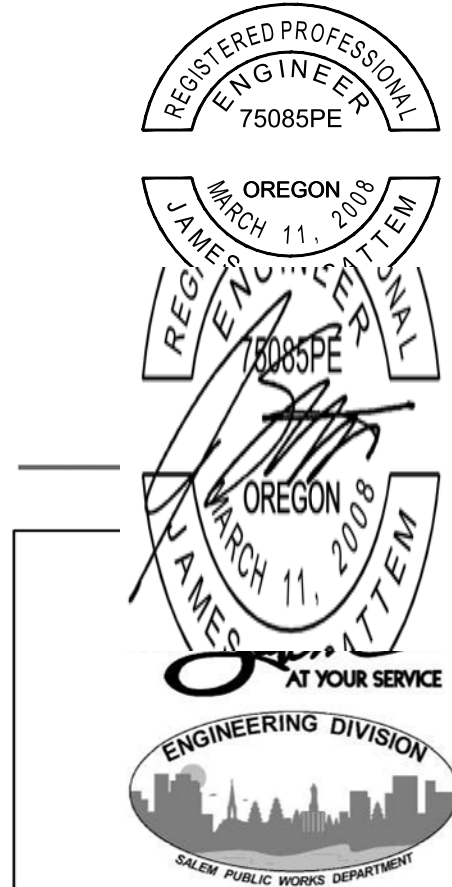
A. ALL WORK THIS SHEET TO BE DONE IN PHASE 1.



1 ENLARGED SECOND FLOOR DEMOLITION PLAN - LIGHTING



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



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SHEET

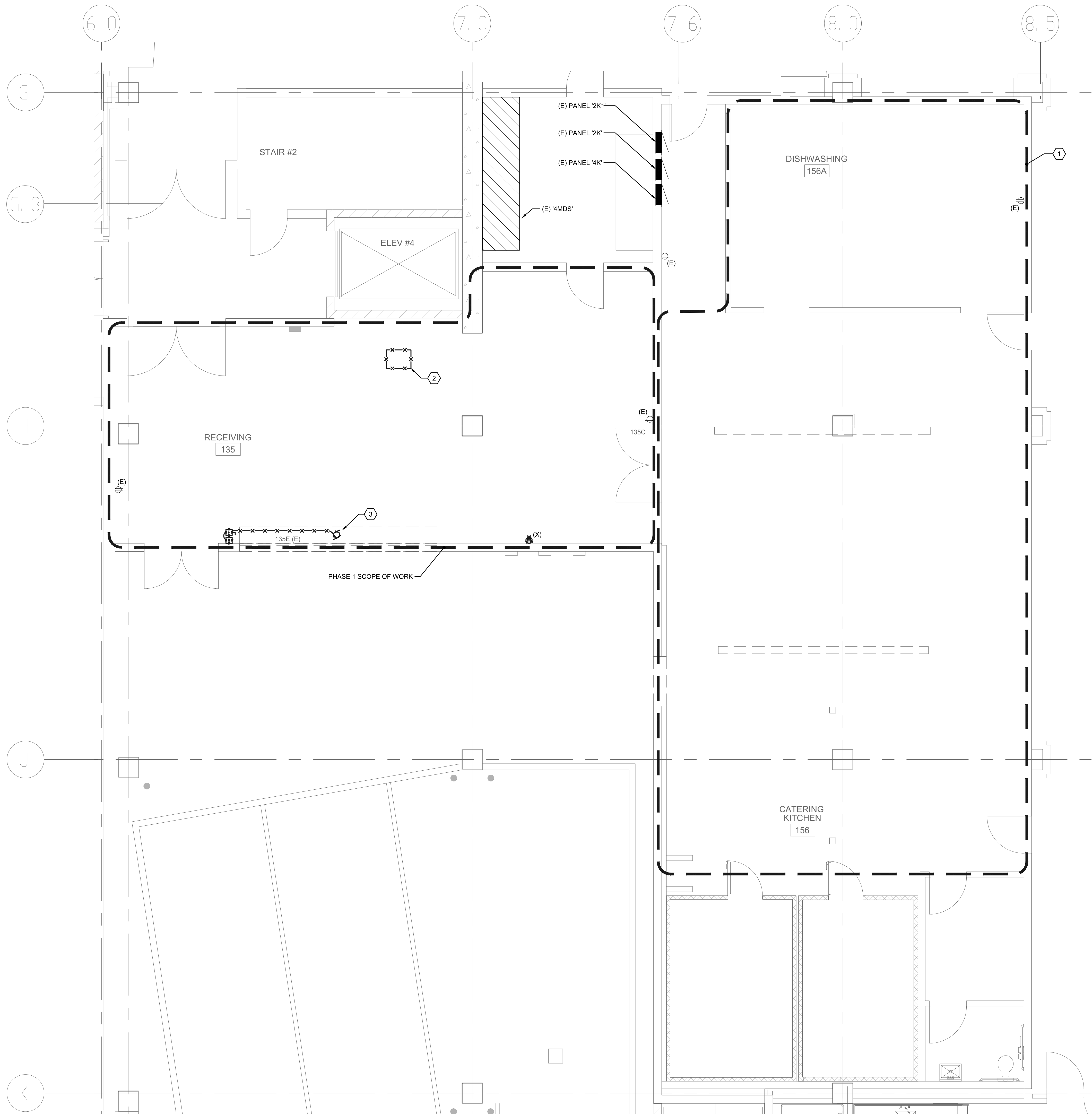
ENLARGED SECOND FLOOR
DEMOLITION PLAN - LIGHTING

ED2.1

REV. 2 SET

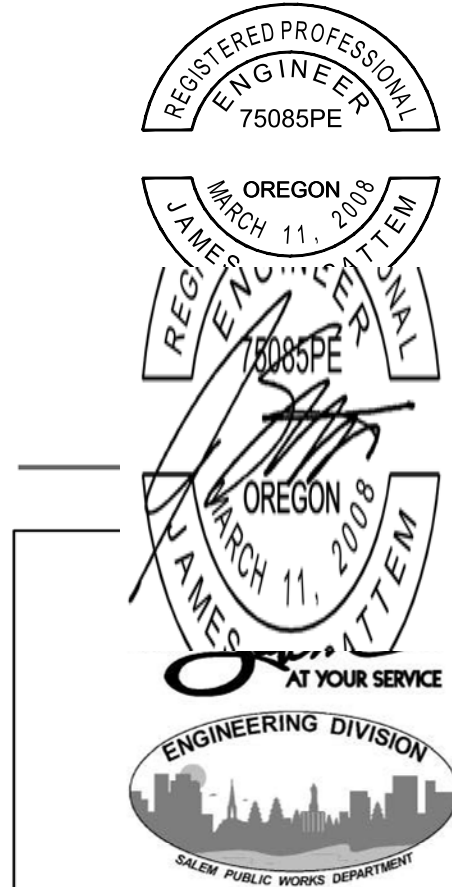
SHEET KEYNOTES

- 1 DEMOLISH ALL ELECTRICAL CONNECTIONS TO EXISTING KITCHEN EQUIPMENT TO BE REMOVED. PULL BACK WIRING TO SOURCE AND DEMOLISH ASSOCIATED RACEWAY. ALL SCOPE TO BE DONE IN PHASE 2.
- 2 EXISTING UNIT HEATER TO BE RELOCATED. INTERCEPT AND EXTEND EXISTING FEEDER TO NEW LOCATION SHOWN ON SHEET E3.0.
- 3 EXISTING MOTORIZED ROLL-UP DOOR TO BE REPLACED WITH NEW. MAINTAIN CONTINUITY OF EXISTING FEEDER AND DISCONNECT FOR REUSE.



1 ENLARGED FIRST FLOOR DEMOLITION PLAN - POWER

0 2 4 8
SCALE: 1/4"=1'-0"



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ENLARGED FIRST FLOOR
DEMOLITION PLAN - POWER

ED3.0

REV. 2 SET

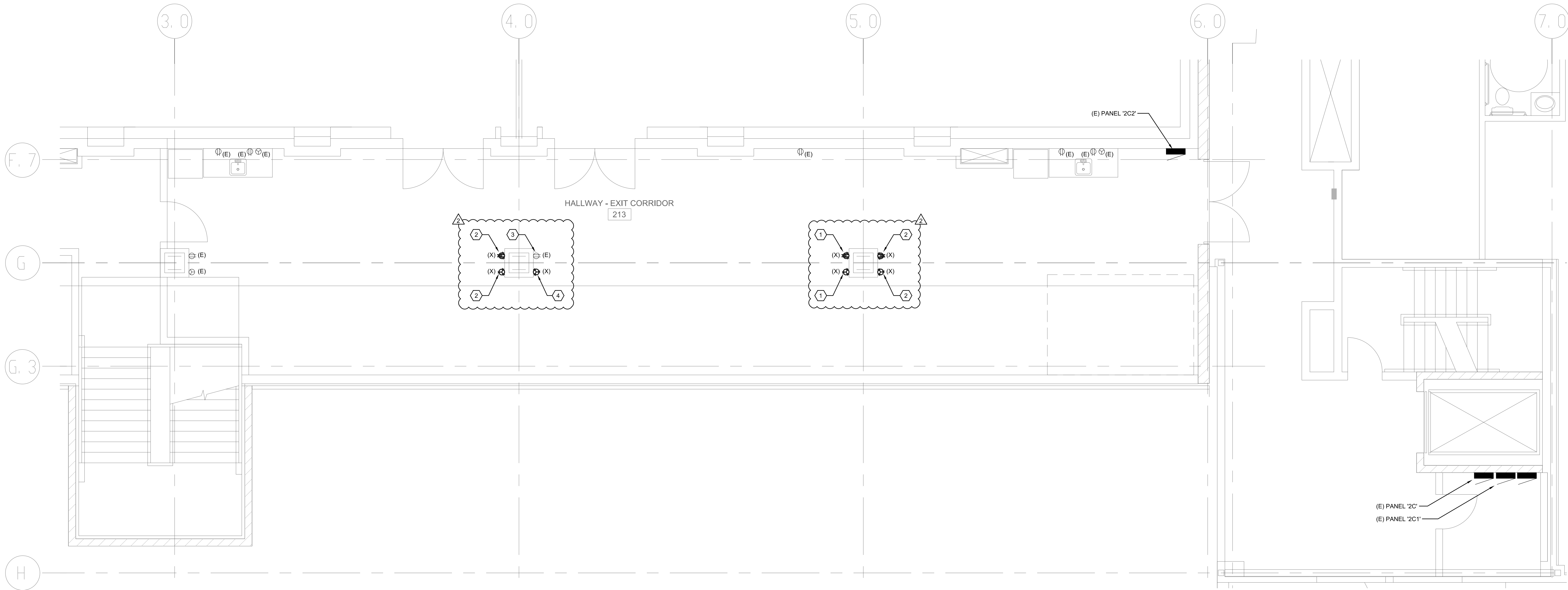
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GENERAL SHEET NOTES

A. ALL WORK THIS SHEET TO BE DONE IN PHASE 1.

SHEET KEYNOTES

- 1 DEMOLISH DEVICE AND PULL ASSOCIATED WIRING BACK TO SOURCE
- 2 EXISTING RECEPTACLE TO BE REPLACED WITH NEW, DEDICATED SINGLE RECEPTACLE. SEE SHEET E3.1. PULL BACK WIRING TO SOURCE AS NECESSARY.
- 3 CONTRACTOR TO FIELD VERIFY IF EXISTING DUPLEX RECEPTACLE CAN REMAIN WITH INSTALLATION OF NEW ROLL UP DOOR. IF NOT IN CONFLICT, RECEPTACLE TO REMAIN; OTHERWISE DEMOLISH DEVICE AND PULL ASSOCIATED WIRING BACK TO SOURCE.
- 4 EXISTING RECEPTACLE TO BE REPLACED WITH NEW, DEDICATED TWISTLOCK RECEPTACLE. SEE SHEET E3.1. PULL BACK EXISTING WIRING TO SOURCE AS NECESSARY.



1 ENLARGED SECOND FLOOR DEMOLITION PLAN - POWER

0 2' 4' 8'
SCALE: 1/4"=1'-0"



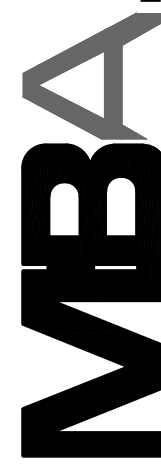
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REVISIONS

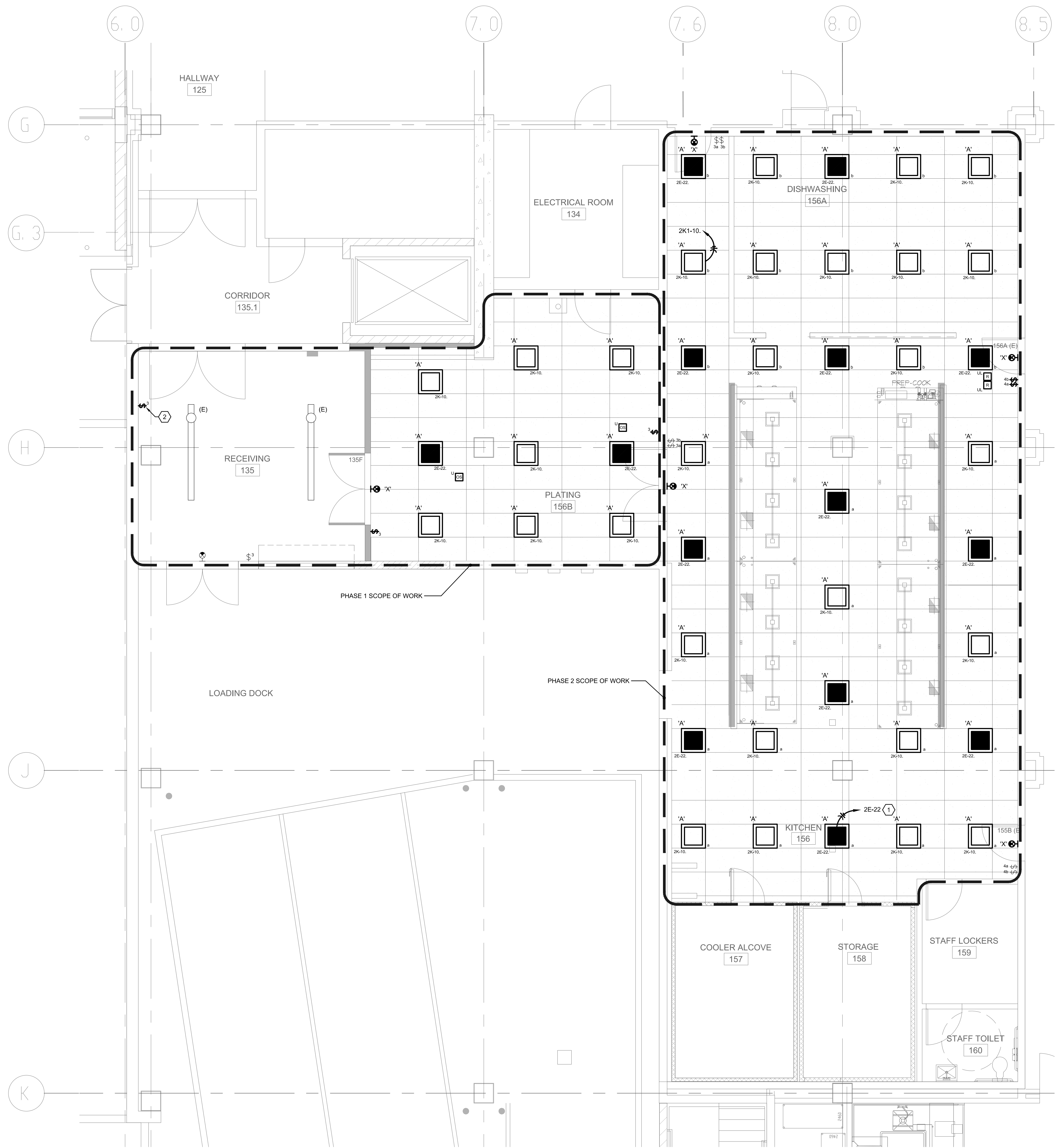
REVISION 2 10/29/2019

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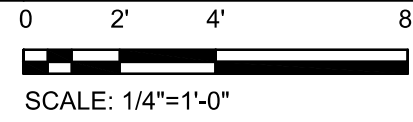
ENLARGED SECOND FLOOR
DEMOLITION PLAN - POWER

ED3.1

REV. 2 SET



1 ENLARGED FIRST FLOOR PLAN - LIGHTING

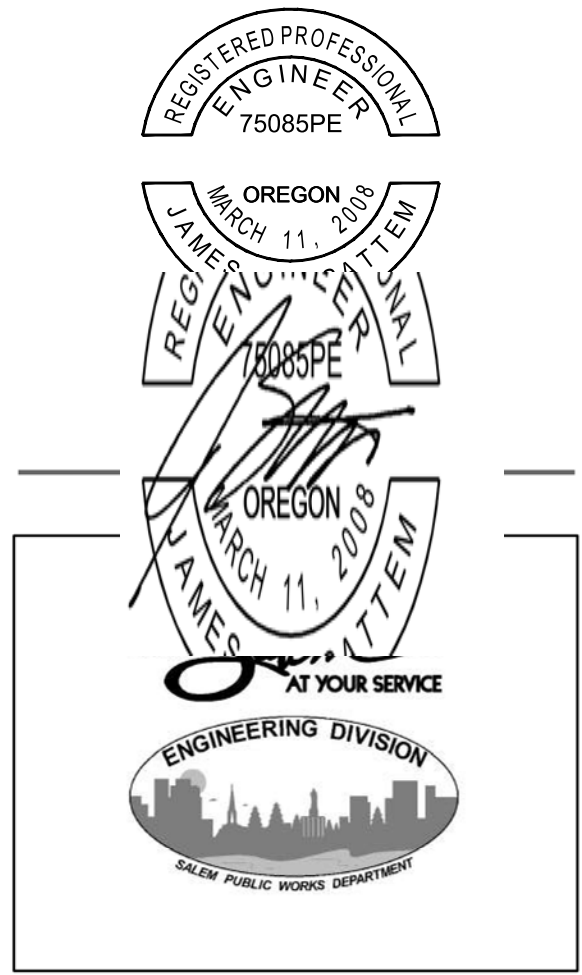


GENERAL SHEET NOTES

- A. CONNECT NEW EXIT SIGNS THIS SHEET TO UNSWITCHED LEG OF EXISTING EMERGENCY LIGHTING CIRCUIT USED IN SPACE. EXIT SIGNS TO BE ILLUMINATED AT ALL TIMES.

SHEET KEYNOTES

1. CONNECT EGRESS LUMINAIRES TO AVAILABLE, SPARE 20A/1P BREAKER IN EXISTING EMERGENCY PANEL '2E' IN BASEMENT BELOW.
2. PROVIDE NEW 3-WAY SWITCH FOR CONTROL OF LUMINAIRES IN SPACE.



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SHEET

ENLARGED FIRST
FLOOR PLAN - LIGHTING

E2.0

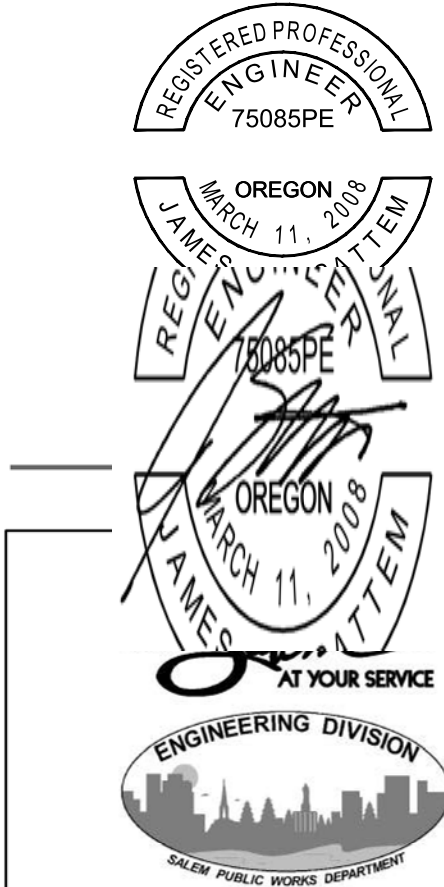
REV. 2 SET

GENERAL SHEET NOTES

A. ALL WORK THIS SHEET TO BE DONE IN PHASE 1.

SHEET KEYNOTES

1 CONNECT NEW LUMINAIRES TO UNSWITCHED LEG OF EXISTING LIGHTING CIRCUIT IN CORRIDOR. NEW LUMINAIRES TO BE CONTROLLED BY LOCAL OCCUPANCY SENSOR AND WALL SWITCH ONLY.



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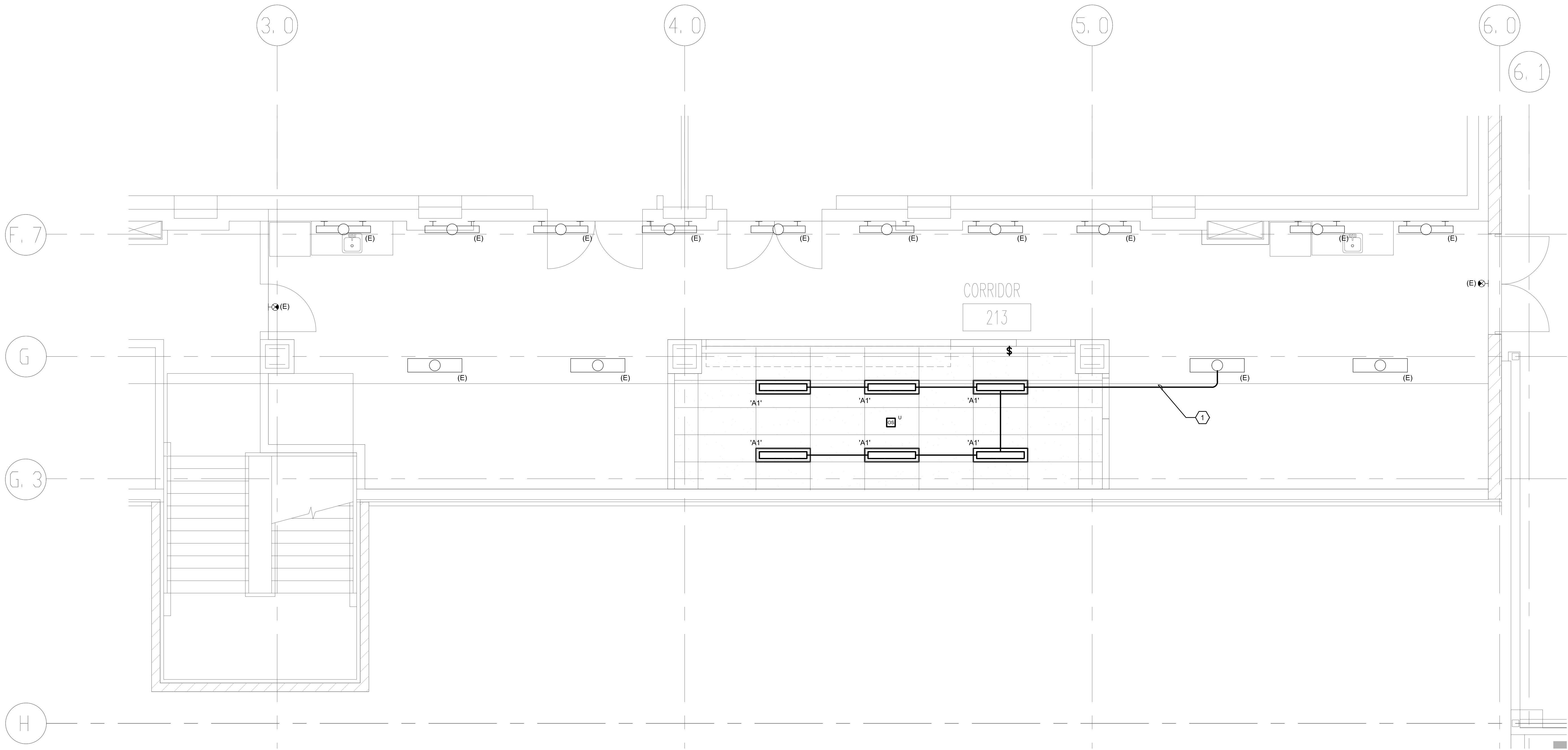
SHEET

ENLARGED SECOND
FLOOR PLAN - LIGHTING

E2.1

REV. 2 SET

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1 ENLARGED SECOND FLOOR PLAN - LIGHTING

0 2' 4' 8'
SCALE: 1/4"=1'-0"



POWER TO ALL ELECTRICAL EQUIPMENT LOCATED BENEATH TYPE 1 HOODS IS TO SHUTDOWN UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM. REFER TO DETAIL 1/E5.1 FOR ADDITIONAL INFORMATION.

ALL CONVENIENCE RECEPTACLES IN KITCHEN TO BE GFCI-RATED.

PROVIDE AND INSTALL CONDUIT AND WIRE CONNECTING THERMOSTAT, SENSOR, AND EVAPORATOR AT NEW WALK-IN COOLER AND WALK-IN FREEZER AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.

- 1 PROVIDE SURFACE MOUNTED NEMA-1 ENCLOSURE FOR OPERATOR CONTROL STATION. PROVIDE POWER RESTORE KEY SWITCH WITHIN ENCLOSURE, 30MM DIAMETER HEAVY-DUTY CHROME-PLATED SPRING RETURN SELECTOR SWITCH TO RESTORE POWER TO EQUIPMENT BENEATH HOOD; BASIS OF DESIGN: SCHNEIDER ELECTRIC 9001K SERIES.
- 2 MOUNTED ON TOP OF UNIT; VERIFY LOCATION WITH EQUIPMENT INSTALLER. PROVIDE WEATHERPROOF DISCONNECT.
- 3 NEW LOCATION OF EXISTING UNIT RETURN.
- 4 PROVIDE CONNECTION TO NEW MOTORIZED ROLL-UP DOOR. VERIFY ELECTRICAL REQUIREMENTS WITH SUPPLIER. REUSE FEEDER FROM REPLACED DOOR IF POSSIBLE.
- 5 LUMINAIRES AND ASSOCIATED SWITCHES WITHIN NEW WALK-IN COOLER AND WALK-IN FREEZER, RESPECTIVELY, TO BE FURNISHED BY KITCHEN EQUIPMENT SUPPLIER.
- 6 INTERCEPT AND EXTEND 120V CIRCUIT FEEDING EXISTING FIRE/SMOKE DAMPER (FSD) AND CONNECT TO (2) NEW FIRE/SMOKE DAMPERS AS SHOWN.


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ITEM	DESCRIPTION	VOLTS / PHASE	LOAD	WIRE / CONDUIT	CIRCUIT	NOTES
1	3 COMP SINK	120/1		202	2K-15.	
14	DISH MACHINE	480/3	80.0 A	1003	4K-31,33,35.	
53	EXHAUST HOOD LTG CONNECTION	120/1	400.0 W	202	2K-17.	
54	EXHAUST HOOD LTG CONNECTION	120/1	400.0 W	202	2K-17.	
56	FIRE SUPPRESSION SYSTEM	120/1			2K-21.	
65A	CONVECTION OVEN	120/1	9.0 A	202	2K-8.	
65B	CONVECTION OVEN	120/1	9.0 A	202	2K-10.	
65C	CONVECTION OVEN	120/1	9.0 A	202	2K-12.	
65D	CONVECTION OVEN	120/1	9.0 A	202	2K-14.	
67A	STEAMER	120/1	2.0 A	202	2K-16.	
67B	STEAMER	120/1	2.0 A	202	2K-16.	
71	20 GALLON KETTLE				2K-18.	1
72	TILT SKILLET				2K-20.	1
73	20 GALLON KETTLE	120/1	3.0 A	202	2K-22.	
86	EXHAUST HOOD LTG CONNECTION	120/1	400.0 W	202	2K-19.	
87	EXHAUST HOOD LTG CONNECTION	120/1	400.0 W	202	2K-19.	
89	FIRE SUPPRESSION SYSTEM	120/1			2K-21.	
95A	CONVECTION OVEN	120/1	9.0 A	202	2K-24.	
95B	CONVECTION OVEN	120/1	9.0 A	202	2K-26.	
105	EXISTING 48" GRIDDLE	120/1	2.0 A	202	2K-28.	1
108	GRIDDLE	120/1	2.0 A	202	2K-30.	
111	EXISTING 8-BURNER HOT PLATE				2K-32.	1
115A	EXISTING FRYER				2K-34.	1
115B	EXISTING FRYER				2K-36.	1
169A	WALK-IN COOLER MISC	120/1	3.0 A	202	2K1-28.	
169B	WALK-IN FREEZER MISC	120/1	3.0 A	202	2K1-28.	
170	COOLER EVAP COIL	120/1	1.0 A	202	2K1-30.	
171	COOLER CONDENSING UNIT	208/1	15.0 MCA	202	2K1-1,1,3.	
172	FREEZER EVAP COIL	208/1	1.8 A	202	2K1-32.	
173	FREEZER CONDENSING UNIT	208/3	21.0 MCA	303	2K1-1,1,3,5.	

A. REFER TO KITCHEN CONSULTANT DRAWINGS FOR EXACT LOCATIONS AND CONNECTION TYPES
COORDINATE CONNECTION WITH SUPPLIED EQUIPMENT AND VENDOR DRAWINGS.

1	RELOCATED EXISTING EQUIPMENT.
---	-------------------------------

202	2 #12 CU, 1 #12 CU GND., IN 3/4" C.
303	3 #10 CU, 1 #10 CU GND., IN 3/4" C.
1003	3 #1 CU, 1 #8 CU GND., IN 1-1/4" C.

0 2' 4' 8'

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



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2 REVISION 2

10/29/2019

S H E E T

ENLARGED FIRST
FLOOR PLAN - POWER

E3.0

REV. 2 SET

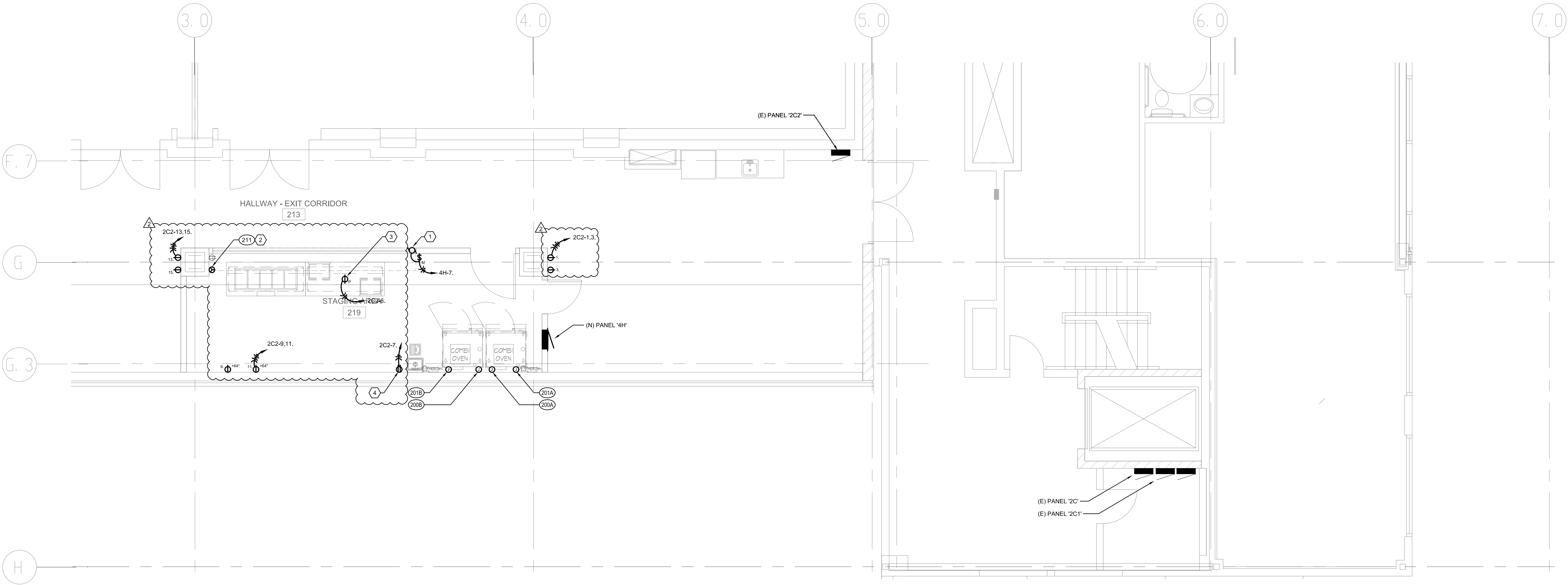
KITCHEN EQUIPMENT CONNECTION SCHEDULE						
ITEM	DESCRIPTION	VOLTS / PHASE	LOAD	WIRE / CONDUIT	CIRCUIT	NOTES
200A	CONDENSATE HOOD	120/1	500.0 W	202	2C2-4	
200B	CONDENSATE HOOD	120/1	500.0 W	202	2C2-4	
201A	COMBINATION OVEN	480/3	37.0 KW	603	4H-1.3.5	
201B	COMBINATION OVEN	480/3	37.0 KW	603	4H-2.4.6	
211	HOT FOOD WELL	120/1	3.0 KW	302	2C2-5	
GENERAL KITCHEN EQUIPMENT CONNECTION SCHEDULE NOTES						
A. REFER TO KITCHEN CONSULTANT DRAWINGS FOR EXACT LOCATIONS AND CONNECTION TYPES. COORDINATE CONNECTION WITH SUPPLIED EQUIPMENT AND VENDOR DRAWINGS.						
WIRE / CONDUIT SCHEDULE						
202	2 #12 CU, 1 #12 CU GND., IN 3/4" C.					
302	2 #10 CU, 1 #10 CU GND., IN 3/4" C.					
603	3 #4 CU, 1 #10 CU GND., IN 1" C.					

GENERAL SHEET NOTES

A. ALL WORK THIS SHEET TO BE DONE IN PHASE 1.

SHEET KEYNOTES

- 1 PROVIDE 277V/1PH CONNECTION TO MOTORIZED ROLL-UP DOOR. VERIFY ELECTRICAL REQUIREMENTS WITH SUPPLIER PRIOR TO ROUGH-IN. PROVIDE ALL NECESSARY LOW VOLTAGE WIRING AND PROGRAMMING TO CONNECT DOOR CONTROLLER TO EXISTING FIRE ALARM SYSTEM TO AUTOMATICALLY SHUT DOOR DURING EMERGENCY EVENT.
- 2 PROVIDE NEMA LS-30R RECEPTACLE AT COLUMN FOR CONNECTION TO KITCHEN EQUIPMENT.
- 3 PROVIDE 120V, 20A CORD REEL, WHITE FINISH WITH DOUBLE DUPLEX RECEPTACLE AND INTEGRAL GFCI PROTECTION. HUBBELL HBL45123GF200WM1 OR APPROVED.
- 4 PROVIDE CONNECTION TO SUMP PUMP AT FLOOR SINK. COORDINATE WITH DIVISION 22.



1 ENLARGED SECOND FLOOR PLAN - POWER

0 2' 4' 8'
SCALE: 1/4"=1'-0"

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SHEET

ENLARGED SECOND
FLOOR PLAN - POWER

E3.1

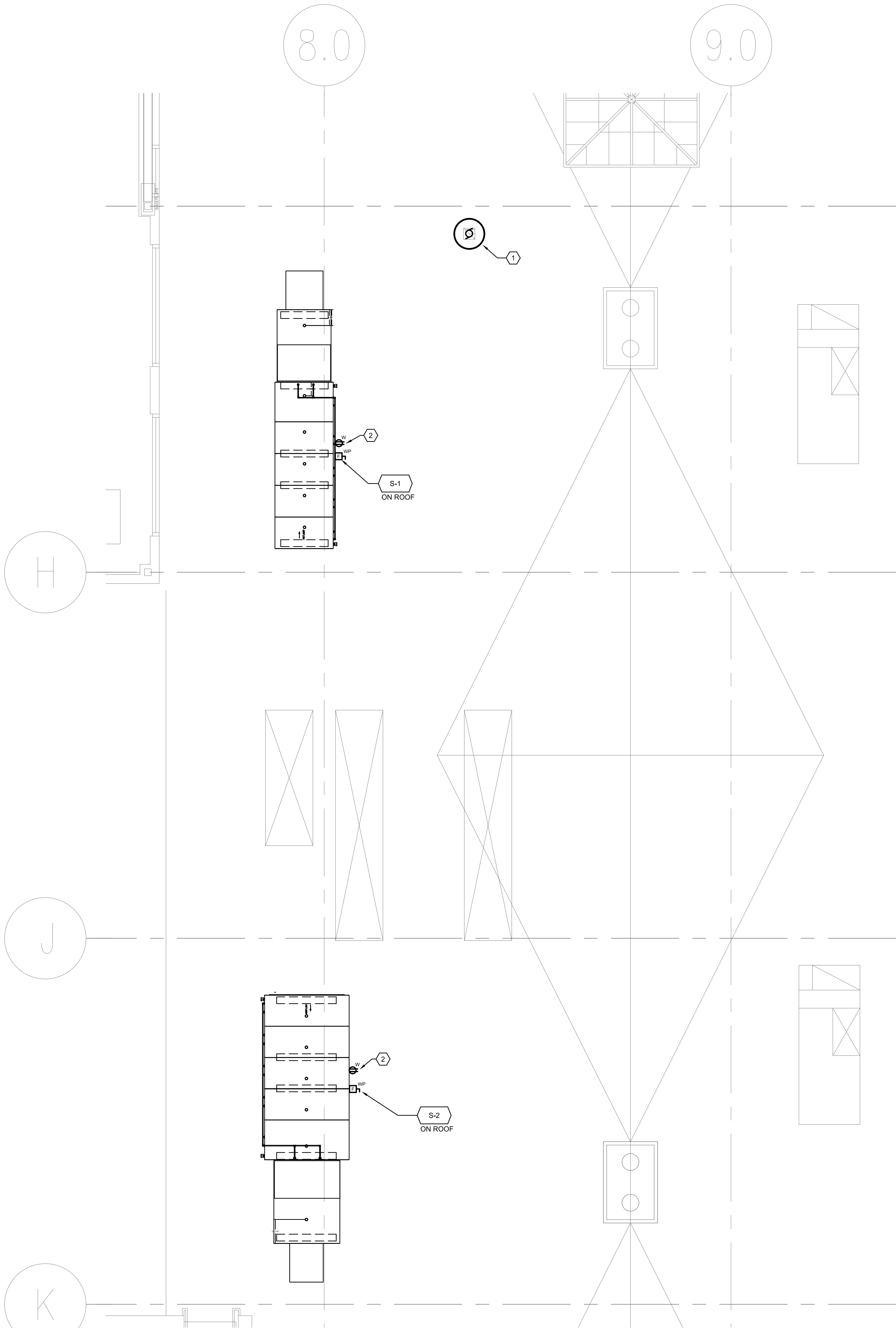
REV. 2 SET

GENERAL SHEET NOTES

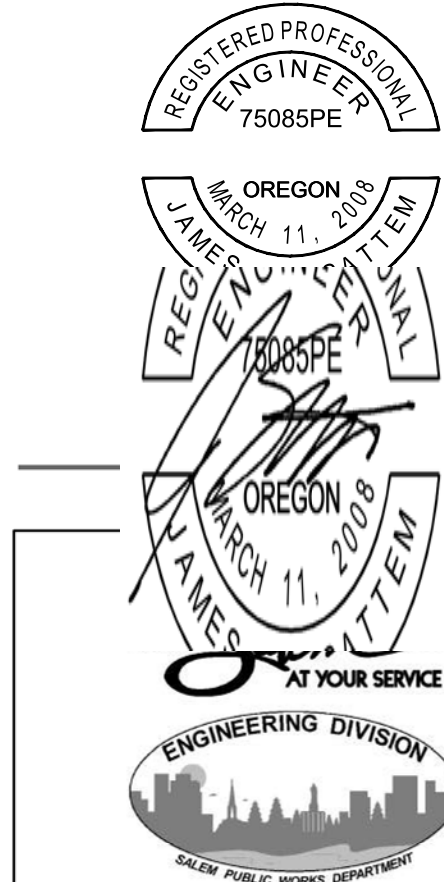
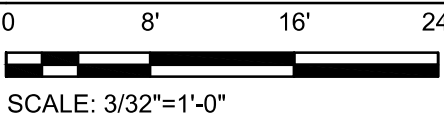
A. ALL WORK THIS SHEET TO BE DONE IN PHASE 2.

SHEET KEYNOTES

- 1 EXISTING EXHAUST FAN EF-6 TO BE REPLACED. DISCONNECT EXISTING FEEDER AND RECONNECT TO NEW FAN.
- 2 CONNECT NEW ROOFTOP MAINTENANCE RECEPTACLE TO NEAREST EXISTING ROOFTOP RECEPTACLE CIRCUIT (2K1-24 OR 2K1-26).



1 ENLARGED ROOF PLAN - POWER



PROJECT 2019-0026
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18-0927 05/21/2019
Rev 2 10/29/2019

PROJECT NO. ISSUE DATE

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SHEET

ENLARGED ROOF
PLAN - POWER

E3.2

REV. 2 SET

MECHANICAL EQUIPMENT CONNECTION SCHEDULE									
ITEM	DESCRIPTION	LOCATION	VOLTS / PHASE	LOAD	MCA	MOCP	WIRE / CONDUIT	CIRCUIT	NOTES
S-1	SCRUBBER	ROOF	480/3	9.6 FLA		20	203	4K-7 9.11.	1
S-2	SCRUBBER	ROOF	480/3	12.2 FLA		25	203	4K-32,34,36.	1
GENERAL MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES									
A. THE ABOVE INFORMATION IS FOR A SPECIFIC MANUFACTURER. ACTUAL MANUFACTURER FOR EQUIPMENT MAY BE DIFFERENT. COORDINATE WITH MECHANICAL EQUIPMENT SUBMITTALS FOR LOADS AND OVER CURRENT PROTECTION REQUIREMENTS PRIOR TO INSTALLATION OF WIRING.									
B. MOCP = MAXIMUM OVER CURRENT PROTECTION									
MCA = MINIMUM CIRCUIT AMPACITY									
C. PROVIDE DISCONNECTING MEANS FOR EACH ITEM OF EQUIPMENT LISTED IN THE SCHEDULE ABOVE, EXCEPT AS SPECIFICALLY NOTED OTHERWISE IN SCHEDULE NOTES, BELOW.									
MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES									
1 PROVIDE CONNECTION VIA VARIABLE FREQUENCY DRIVE, PROVIDED BY DIVISION 23.									
2 INTERLOCK WITH HOOD EXHAUST.									
WIRE / CONDUIT SCHEDULE									
203 3 #12 CU, 1 #12 CU GND., IN 3/4" C.									

2019-0226 SALEM 10

Panel '4K'										
277/480V, 3 Ph., 4 W.; 400A Bus with Main Lug Only Flush Mounted Panelboard										
Ckt. No.	Description / Location	Load (VA)/Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)/Type	Ckt. No.	
1	SPARE		60/3	1	A	1	60/3	SPARE	2	
3	---		-		B	-		---	4	
5	---		-		C	-		---	6	
7	S-1	2,660 M	20/3	1,3	A		20/3	SPARE	8	
9	---	2,660 M	-		B	-		---	10	
11	---	2,660 M	-		C	-		---	12	
13	PANEL 2K VIA TRANSFORMER	12,794	100/3		A	20/1		SPARE	14	
15	---	9,176	-		B	20/1		SPARE	16	
17	---	10,300	-		C	20/1		SPARE	18	
19	SPARE		20/1		A	20/1		SPARE	20	
21	SPARE		20/1		B	20/1		SPARE	22	
23	SPARE		20/1		C	20/1		SPARE	24	
25	SPARE		20/1		A	20/1		SPARE	26	
27	SPARE		20/1		B	20/1		SPARE	28	
29	SPARE		20/1		C	20/1		SPARE	30	
31	DISH MACHINE	22,160 G	100/3	2	A	4	25/3	3,379 M	S-2	32
33	---	22,160 G	-		B	-		3,379 M	---	34
35	---	22,160 G	-		C	-		3,379 M	---	36
37	SPACE				A			SPACE	38	
39	SPACE				B			SPACE	40	
41	SPACE				C			SPACE	42	
Total Connected Load:		Ph. A	40,983 VA	148 Amps	Panel Connected Load:		84.6 KVA	101.8 Amps		
Total Connected Load:		Ph. B	37,375 VA	135 Amps	Sub-Fed Connected Load:		31.3 KVA	37.6 Amps		
Total Connected Load:		Ph. C	38,499 VA	139 Amps	Total Demand Load:		114.4 KVA	137.6 Amps		
Notes:										
1. BREAKER MADE AVAILABLE BY DEMOLITION.										
2. PROVIDE NEW 100A/3P BREAKER IN AVAILABLE BUSSED SPACE. BREAKER TO MATCH EXISTING MANUFACTURER AND AIC RATING.										
3. CONNECT NEW LOAD TO BREAKER.										
4. PROVIDE NEW 25A/3P BREAKER IN AVAILABLE BUSSED SPACE. BREAKER TO MATCH EXISTING MANUFACTURER AND AIC RATING.										
5.										

Panel '4H'									
277/480V, 3 Ph., 4 W.; 200A Bus with 150A Main Circuit Breaker Flush Mounted Panelboard									
Ckt. No.	Description / Location	Load (VA)/Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)/Type	Ckt. No.
1	COMBINATION OVEN	12,333 K	60/3		A	60/3	12,333 K	COMBINATION OVEN	2
3	---	12,333 K	-		B	-	12,333 K	---	4
5	---	12,333 K	-		C	-	12,333 K	---	6
7	COILING DOOR	1,176 M	20/1		A	20/1		SPARE	8
9	SPARE		20/1		B	20/1		SPARE	10
11	SPARE		20/1		C	20/1		SPARE	12
13	SPARE		20/1		A	20/1		SPARE	14
15	SPARE		20/1		B	20/1		SPARE	16
17	BUSSED SPACE				C			BUSSED SPACE	18
19	BUSSED SPACE				A			BUSSED SPACE	20
21	BUSSED SPACE				B			BUSSED SPACE	22
23	BUSSED SPACE				C			BUSSED SPACE	24
25	BUSSED SPACE				A			BUSSED SPACE	26
27	BUSSED SPACE				B			BUSSED SPACE	28
29	BUSSED SPACE				C			BUSSED SPACE	30
31	BUSSED SPACE				A			BUSSED SPACE	32
33	BUSSED SPACE				B			BUSSED SPACE	34
35	BUSSED SPACE				C			BUSSED SPACE	36
37	BUSSED SPACE				A			BUSSED SPACE	38
39	BUSSED SPACE				B			BUSSED SPACE	40
41	BUSSED SPACE				C			BUSSED SPACE	42
Total Connected Load: Ph. A 25,842 VA 93 Amps Panel Connected Load: 75.2 KVA 90.4 Amps									
Total Connected Load: Ph. B 24,666 VA 89 Amps Sub-Fed Connected Load: 0.0 KVA 0.0 Amps									
Total Connected Load: Ph. C 24,666 VA 89 Amps Sub-Fed Connected Load: 75.5 KVA 90.8 Amps									
Total Demand Load: 75.5 KVA 90.8 Amps									
Notes:									
1.									
2.									
3.									
4.									
5.									

2019-02-06 SALEM C

Panel '2K'

120/208V, 3 Ph., 4 W.; 250A Bus with Main Lug Only Flush Mounted Panelboard

Ckt. No.	Description / Location	Load (VA)/Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)/Type	Description / Location	Ckt. No.
1	SPARE		20/1	1	A	1	20/3		SPARE	2
3	--SHUNT TRIP		--		B	--				4
5	SPARE		20/1		C	--				6
7	SPARE		20/2	1	A	1,3	20/1	1,080 K	CONVECTION OVEN	8
9	---		--		B	1,3	20/1	1,080 K	CONVECTION OVEN	10
11	EXT COOLER CONDEN UNIT	1,248 M	20/2	2	C	4	20/1	1,080 K	CONVECTION OVEN	12
13	---	1,248 M	--		A	4	20/1	1,080 K	CONVECTION OVEN	14
15	3 COMP SINK	200 G	20/1	2	B	4	20/1	600 K	STEAMERS	16
17	EXHAUST HOOD LIGHTING	300 L	20/1	2	C	4	20/1	400 K	25-GALLON KETTLE	18
19	EXHAUST HOOD LIGHTING	300 L	20/1	2	A	1,3	20/1	600 K	TILT SKILLET	20
21	FIRE SUPPRESSION SYSTEMS	800 G	20/1	2	B	1,3	20/1	400 K	25-GALLON KETTLE	22
23	FIRE SMOKE DAMPERS	200 G	20/1	1	C	4	20/1	1,080 K	CONVECTION OVEN	24
25	WALK-IN COOLER COMPRESSOR	960 M	20/3	A	4	20/1	1,080 K	CONVECTION OVEN	26	
27	---	960 M	--		B	4	20/1	500 K	GRIDDLE	28
29	---	960 M	--		C	4	20/1	500 K	GRIDDLE	30
31	WALK-IN COOLER COIL	1,800 G	20/1	A	4	20/1	800 K	HOT PLATE	32	
33	WALK-IN COOLER LIGHTS	500 L	20/1	B	1,3	20/1	1,000 K	FRYER	34	
35	KITCHEN CONV. OUTLETS	360 R	20/1	2	C	1,3	20/1	1,000 K	FRYER	36
37	ALTO SHAM		20/2		A	30/1				38
39	---		--		B	20/1				40
41	EF-6	696 M	20/1	C	C	20/1				42

Total Connected Load: Ph. A 12,794 VA 106 Amps Panel Connected Load: 21.8 KVA 60.4 Amps

Total Connected Load: Ph. B 9,176 VA 76 Amps Sub-Fed Connected Load: 9.6 KVA 26.8 Amps

Total Connected Load: Ph. C 10,400 VA 87 Amps Sub-Fed Connected Load: 28.9 KVA 80.2 Amps

Total Demand Load: 28.9 KVA 80.2 Amps

Notes:

1. BREAKER MADE AVAILABLE BY DEMOLITION.

2. CONNECT NEW LOAD TO SPARE BREAKER MADE AVAILABLE BY DEMOLITION.

3. REPLACE 20A/1P SHUNT TRIP BREAKER MADE AVAILABLE BY DEMOLITION WITH (2) NEW 20A/1P, GFCI-RATED TRIP BREAKERS.

BREAKERS TO MATCH EXISTING MANUFACTURER AND AIC RATING.

4. REPLACE 20A/1P BREAKER WITH NEW 20A/1P, GFCI-RATED BREAKER.

2019-2020 OLEEN SALES

(E) Panel '2C2'

120/208V, 3 Ph., 4 W.; 200A Bus with 200A Main Circuit Breaker Surface Mounted Panelboard

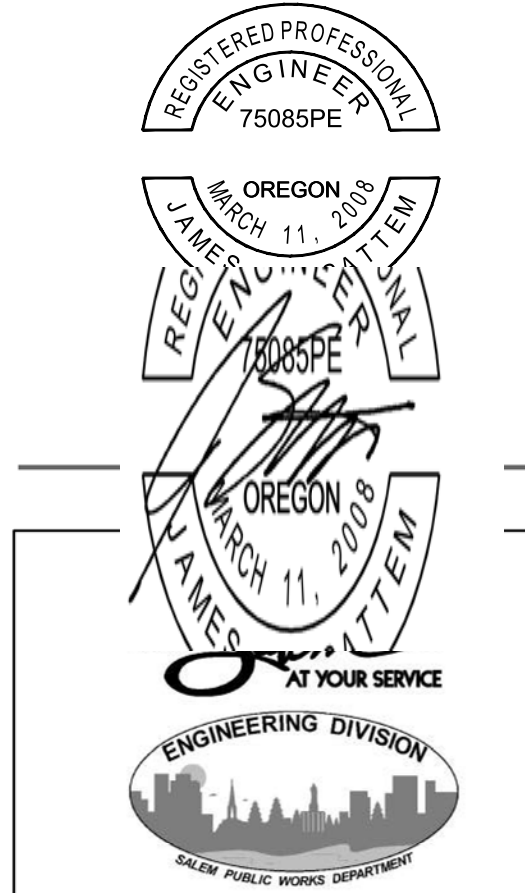
Ckt. No.	Description / Location	Load (VA)/Type	C.B. A/Pole	Note	Ph.	Note	C.B. A/Pole	Load (VA)/Type	Description / Location	Ckt. No.
1	R - DEDICATED SERVERY	180 R	20/1	4	A	2	20/1		REC. COLUMN EAST	2
3	R - DEDICATED SERVERY	180 R	20/1	4	B	2	20/1	500 G	CONDENSATE HOODS	4
5	HOT FOOD WELLS	3,000 K	30/1	1	C	2	20/1	360 R	CORD REEL	6
7	SUMP PUMP	464 M	20/1	1	A		20/1		REC. COLUMN CENTER	8
9	R - DEDICATED SERVERY	180 R	20/1	4	B		20/1		REC. COLUMN WEST	10
11	R - DEDICATED SERVERY	180 R	20/1	4	C		20/1		REC. WALL EAST	12
13	R - DEDICATED SERVERY	180 R	20/1	4	A		20/1		REC. WALL EAST	14
15	R - DEDICATED SERVERY	180 R	20/1	4	B		20/1		REC. WALL WEST	16
17	REC. COLUMN WEST	180 R	20/1	4	C		20/1		REC. WALL WEST	18
19	---	-			A	20/3			A/C #6 FAN UNIT	20
21	COFFEE REC.		50/3		B	-		---	---	22
23	---	-			C	-		---	---	24
25	---	-			A	30/2			ICE MACHINE WEST	26
27	COFFEE REC.		50/3		B	-		---	---	28
29	---	-			C	30/2			A/C #6 ROOF UNIT	30
31	---	-			A	-		---	---	32
33	ICE MACHINE EAST		30/2		B	30/2			---	34
35	---	-			C	-		---	---	36
37	WALK-IN COOLER LIGHTS, COMPRESS		20/3		A	1	30/3		ALLIED VIDEO PLUG	38
39	---	-			B	-		---	---	40
41	---	-			C	-		---	---	42
Total Connected Load: Ph. A		824 VA	7 Amps	Panel Connected Load:		5.4 KVA	15.0 Amps			
Total Connected Load: Ph. B		1,040 VA	9 Amps	Sub-Fed Connected Load:		0.0 KVA	0.0 Amps			
Total Connected Load: Ph. C		3,540 VA	29 Amps	Total Demand Load:		5.5 KVA	15.3 Amps			

Notes:

1. BREAKER MAKE AVAILABLE BY DEMOLITION. REPLACE 20A2P BREAKER WITH (1) 30A/1P BREAKER AND (1) 20A/1P BREAKER TO MATCH EXISTING MANUFACTURER AND ARC RATING.
2. CONNECT NEW LOAD TO BREAKER MAKE AVAILABLE BY DEMOLITION.
3. BREAKER MAKE AVAILABLE BY DEMOLITION.
4. REPLACE EXISTING 20A/2P BREAKER MAKE AVAILABLE BY DEMOLITION WITH (2) NEW 20A/1P BREAKERS TO MATCH EXISTING.

1254 4 #1 CU, 1 #6 CU GND., IN 1-1/2" C.

1 UTILIZE EXISTING SPARE 125A/3P BREAKER TO FEED NEW PANEL '4H'.



CITY OF SALEM CONVENTION CENTER
KITCHEN IMPROVEMENTS
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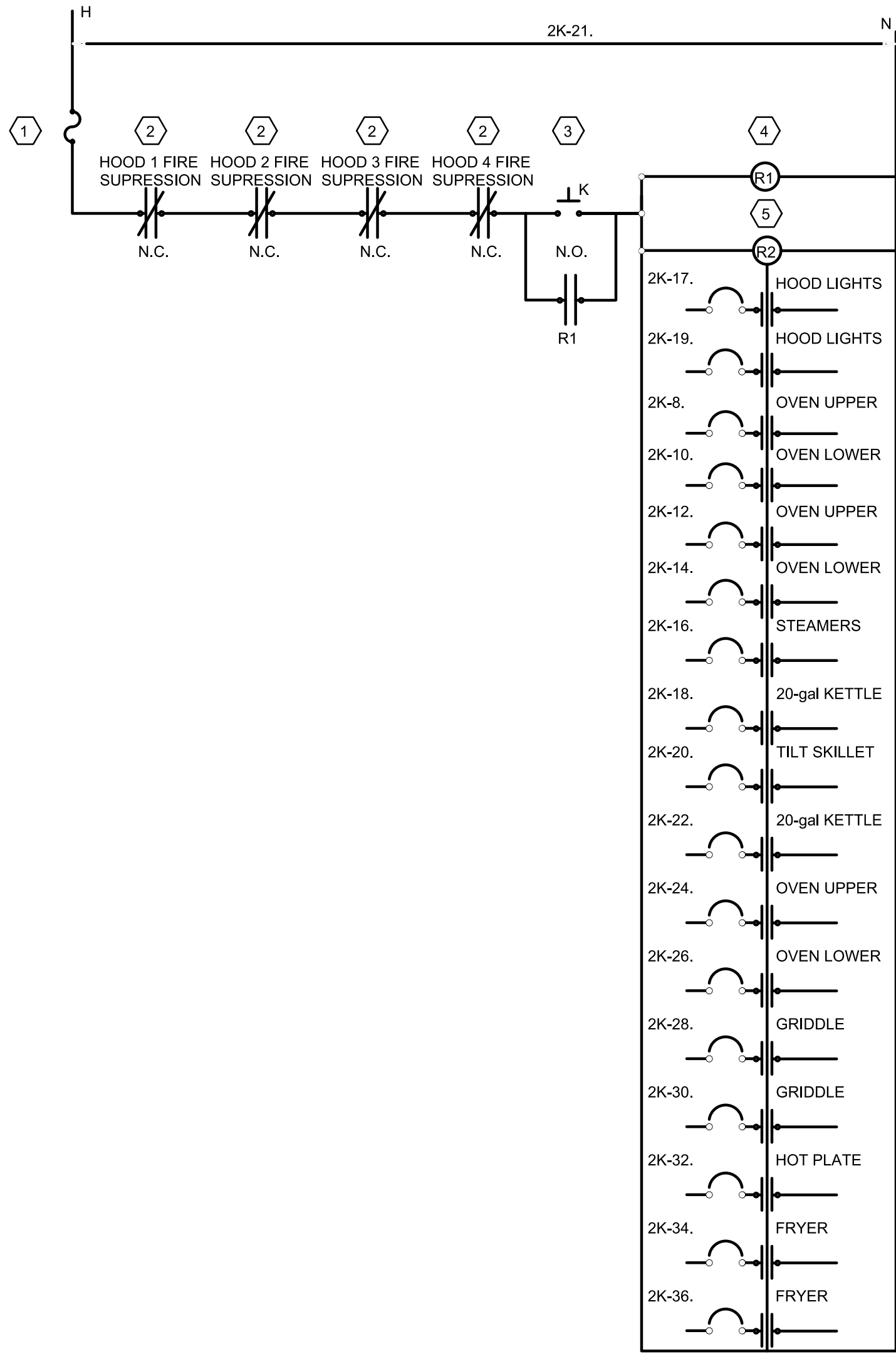
MERRYMAN BARNES ARCHITECTS 4713 N ALBINA AVE. SUITE 304 PORTLAND, OREGON 97217 p 503.222.3753

REVISIONS
 2 REVISION 2 10/29/

SHEET

E5.0

REV. 2 SET

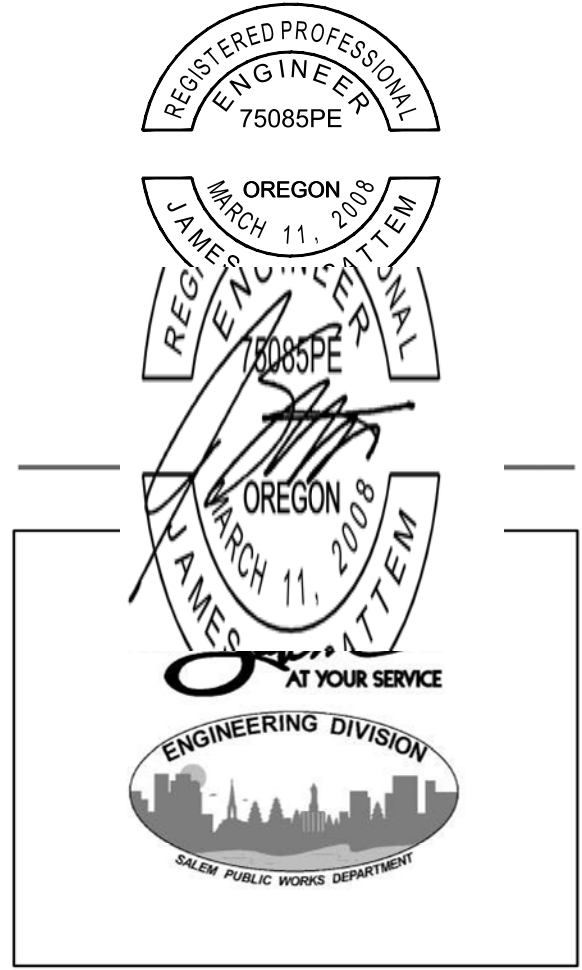


DETAIL KEYNOTES

1. CONTACTOR CONTROL FUSE LOCATED WITHIN CONTACTOR ENCLOSURE.
2. NORMALLY CLOSED DRY CONTACTS LOCATED WITHIN MAIN HOOD FIRE SUPPRESSION CONTROL PANEL.
3. MOMENTARY CONTACT SPRING RETURN KEY SELECTOR SWITCH WITH STAINLESS STEEL FLUSH MOUNTED FACE PLATE.
4. CONTACTOR FOR RESET.
5. CONTACTOR FOR KITCHEN EQUIPMENT.

1 KITCHEN POWER SHUTOFF SCHEMATIC

NO SCALE



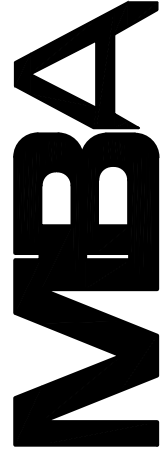
PROJECT 2019-0026
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SHEET

DETAILS - ELECTRICAL

E5.1

REV. 2 SET