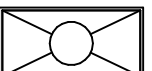
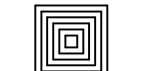
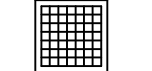


PLAN LEGEND

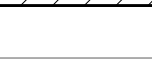
 EMERGENCY LIGHTING

 EXISTING EXIT SIGN WITH EMERGENCY LIGHTING

 2x4 GRID LIGHT

 2x2 AIR DIFFUSER

 2x2 AIR RETURN

 1x1 AIR RETURN

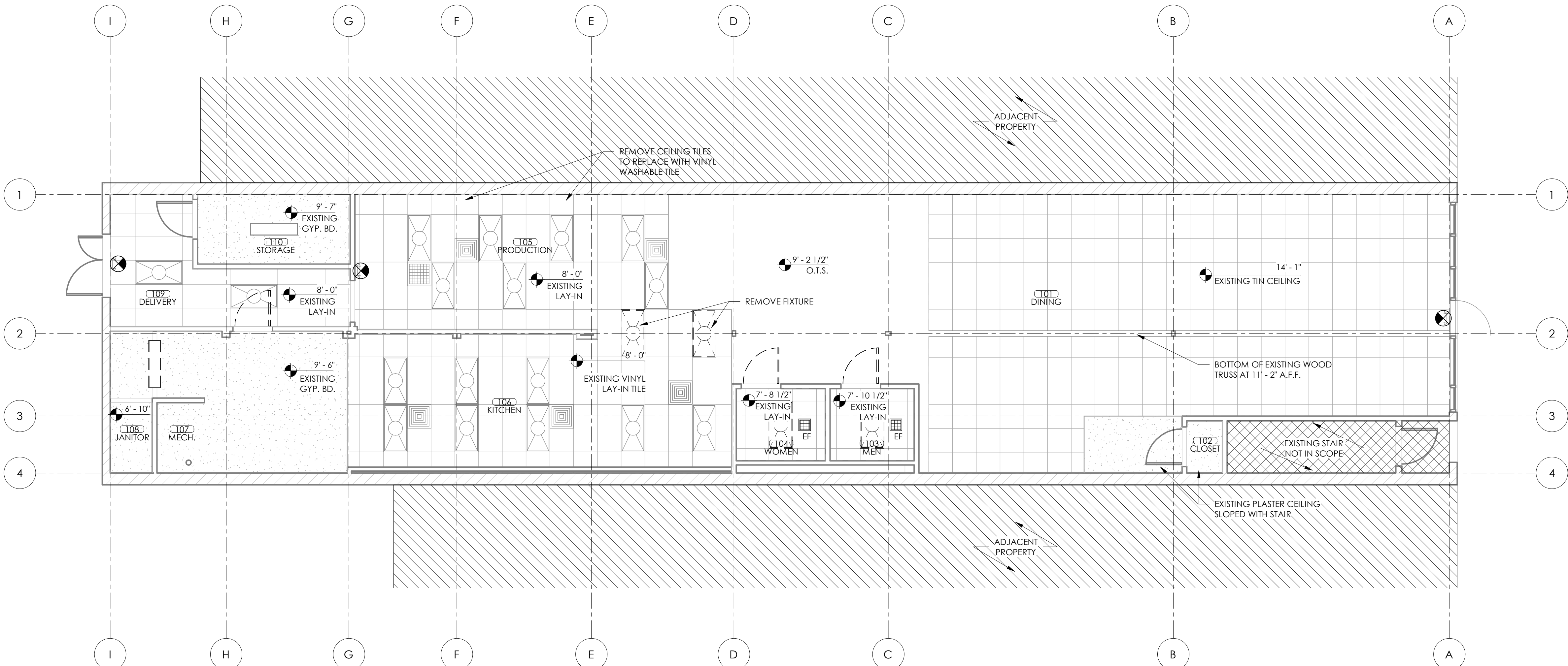
 PARTITION TO REMOVE

 EXISTING

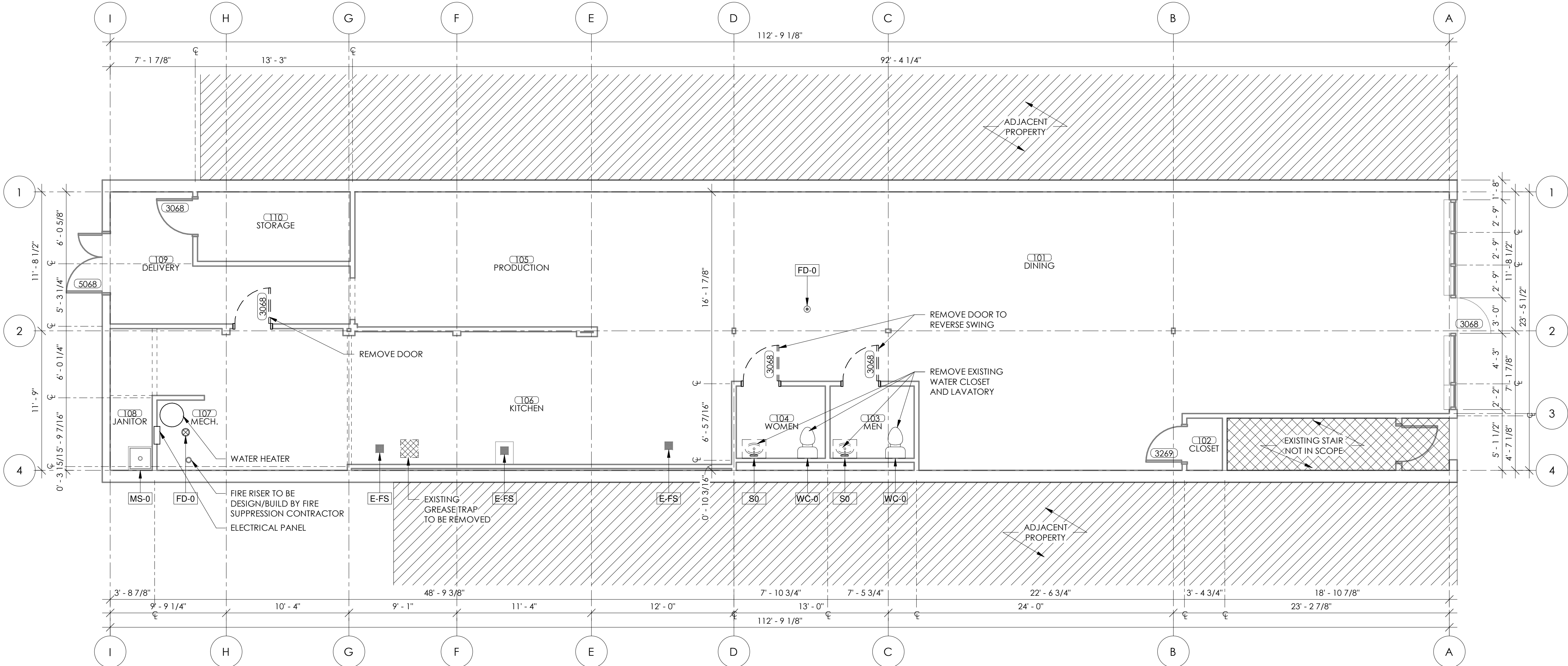
 DEMO

 E-FS EXISTING FLOOR SINK

SPECIALTY EQUIPMENT SCHEDULE DEMO			
TYPE MARK	MANUFACTURER	DESCRIPTION	NOTES
E-FS	?	FLOOR SINK	TO REMAIN
FD-0	?	FLOOR DRAIN	TO REMAIN
MS-0	?	MOP SINK	TO REMAIN



2 REFLECTED CEILING PLAN: EXISTING/DEMOLITION
3/16" = 1'-0"



1 FLOOR PLAN: EXISTING/DEMOLITION
3/16" = 1'-0"



1Architecture, LLC
1319 E. 6th St.
Tulsa, OK 74120
PH. 918.764.9996



GENERAL INFORMATION:
CODE: 2015 IBC
USE GROUP: ASSEMBLY (A-2)
SPRINKLER STATUS: PROPOSED
FIRE ALARM: NOT REQUIRED
CONSTRUCTION TYPE: VB



INTERIOR REMODEL DRAWINGS FOR:

WATERS EDGE WINERY

116 S. MAIN ST.
BROKEN ARROW, OK 74012

NO.	REVISION	DATE

PROJECT NUMBER:
1808.015
ISSUE:
ISSUE 1
DATE:
08.23.18
DRAWN BY:
PC
CHECKED BY:
KH
SHEET TITLE:

EXISTING/DEMOLITION
PLANS

AD101

- NOTES:**
- MECHANICAL, ELECTRICAL AND PLUMBING ARE TO BE PROVIDED AS DESIGN-BUILD COORDINATING DIRECTLY WITH OWNER. MEP CONTRACTORS TO PROVIDE ANY REQUIRED SHOP DRAWINGS FOR REVIEW AND APPROVAL BY OWNER PRIOR TO START OF WORK. ANY LOCATIONS FOR THE ELEMENTS WITHIN THIS DRAWING SET ARE SCHEMATIC AND APPROXIMATE IN NATURE. VERIFY FINAL LOCATIONS WITH OWNER.
 - FIRE SUPPRESSION SYSTEM TO BE DESIGN-BUILD AND ADJUSTED TO NEW LAYOUT CONFIGURATION.

PLAN LEGEND

EXTERIOR EXIT LIGHT WITH BATTERY BACKUP

EMERGENCY LIGHTING

EXISTING EXIT SIGN WITH EMERGENCY LIGHTING

6" RECESSED CAN LIGHT

PENDANT LIGHT

HEAT LAMP

LINEAR PENDANT LIGHT

SURFACE MOUNT LED LIGHT

2x2, 2x4 GRID LIGHT

CHANDELIER

2X2 AIR DIFFUSER

2x2 AIR RETURN

1x1 AIR RETURN

NEW PARTITION

EXISTING

NEW

E-FS EXISTING FLOOR SINK

B1 BAR EQUIPMENT

K1 KITCHEN EQUIPMENT

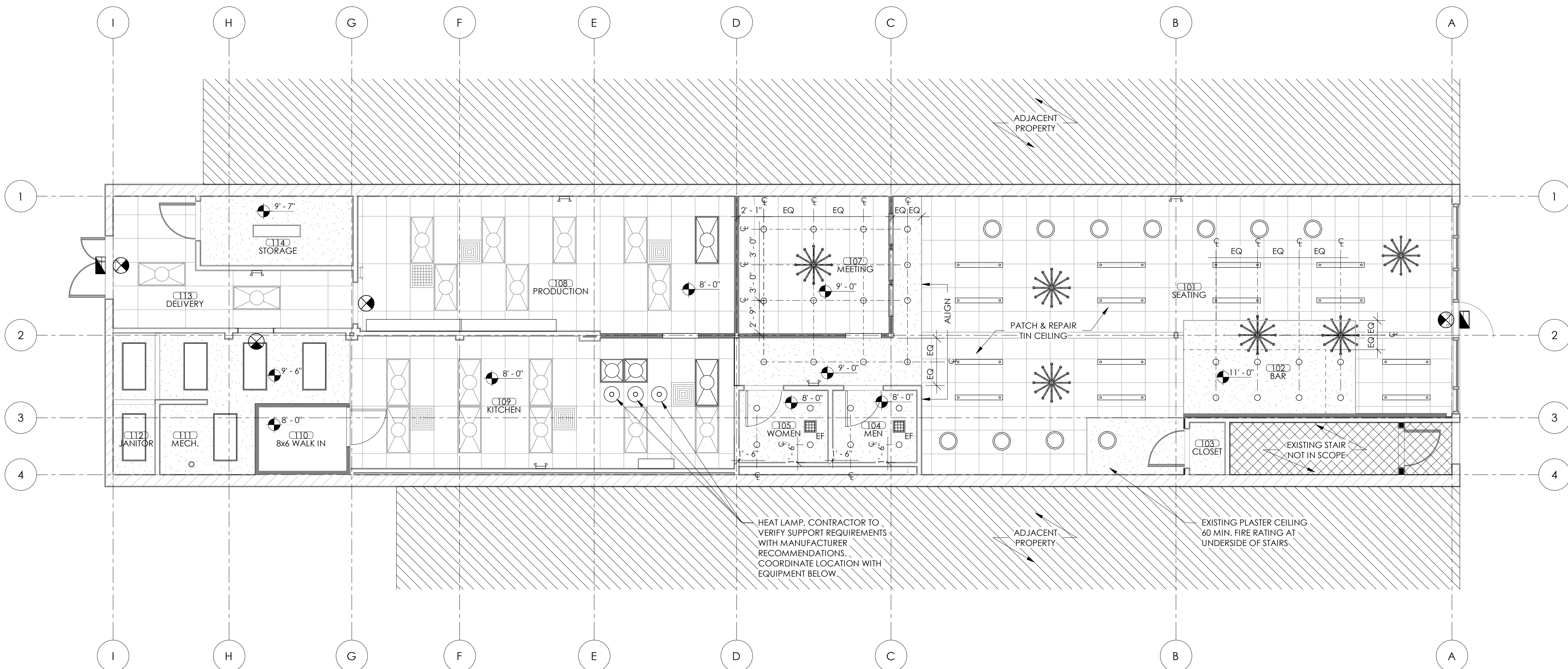
PARTITION TYPE

MARK	CMU SIZE	STUD SIZE	STUD SPACING	GWB	FIRE RATING	STC RATING
F2.1	-	2 1/2"	16" O.C.	2 x 5/8" TYP. X	1 HR.	-
P4.0	-	3 1/2"	16" O.C.	5/8"	-	-
P4.1	-	3 1/2"	16" O.C.	2 x 5/8" TYP. X	1 HR.	-

NOTE:

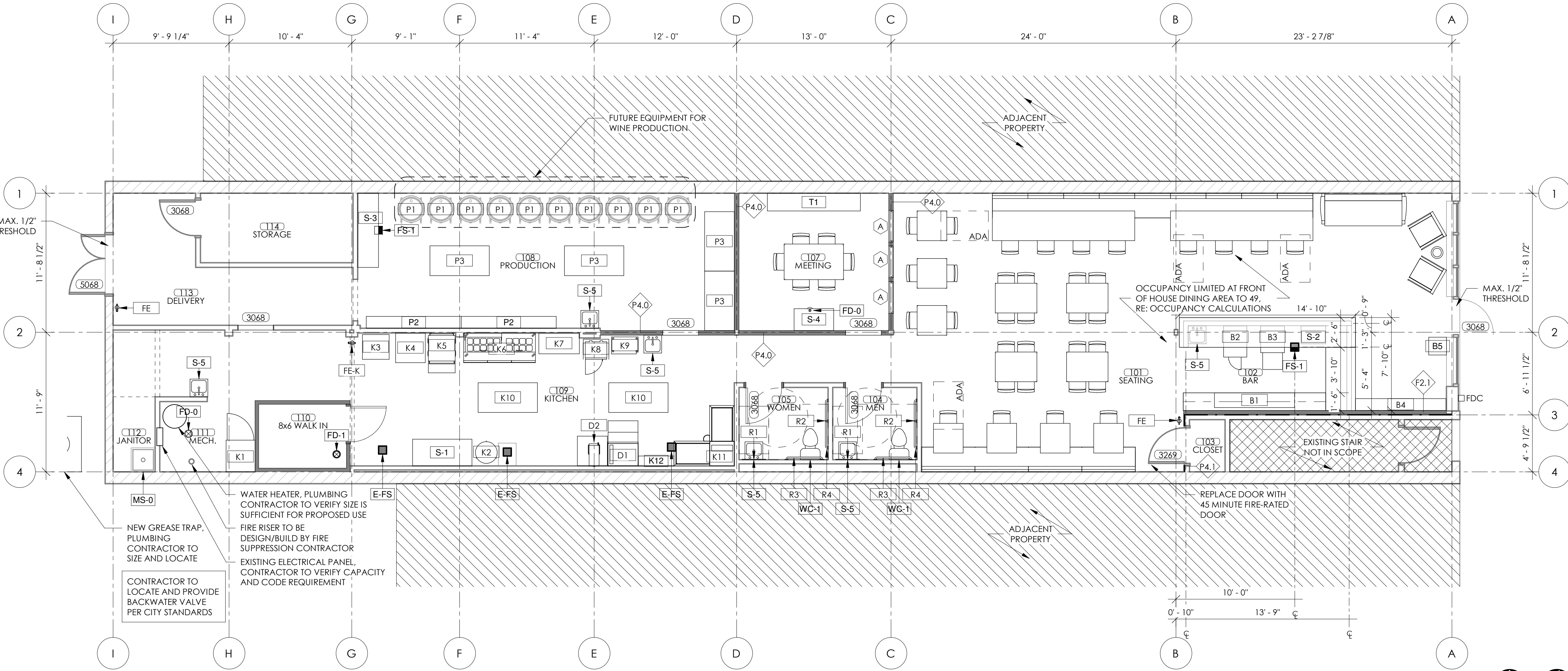
- PARTITIONS TO RUN TO DECK

SPECIALTY EQUIPMENT SCHEDULE		
TYPE MARK	DESCRIPTION	NOTES
A	DIVIDED-LITE WOODEN DOOR	9' x 2' - 8", SAFETY GLAZING
B1	16 TAP DUAL ZONE BOTTLE SYSTEM	
B2	GLASS DOOR COOLER	
B3	BAR UNDERCOUNTER DISHWASHER	ROUTE TO FLOOR SINK
B4	WINE DISPLAY CASE	
B5	HOST STATION	
D1	ICE MAKER WITH BIN	ROUTE TO FLOOR SINK
D2	TEA BREWER	
FD-1	FLOOR DRAIN	
FE	FIRE EXTINGUISHER	
FE-K	FIRE EXTINGUISHER, TYPE K	
FS-1	FLOOR SINK	
K1	REACH IN FREEZER	
K2	SALAD SPINNER	
K3	AUTO FRYER, SELF CONTAINED	
K4	CONVECTION OVEN	
K5	CONVECTION OVEN	
K6	3 DOOR SANDWICH/SALAD PREP TABLE	
K7	ELECTRIC DUAL PANINI GRILL	
K8	MICROWAVE OVEN	
K9	ELECTRIC CHEESE MELTER	
K10	STAINLESS TABLE	
K11	COMMERCIAL DISHWASHER	ROUTE TO FLOOR SINK
K12	WIRE SHELVING	
P1	WINE MATURATION TANK	FUTURE EQUIPMENT FOR WINE PRODUCTION
P2	WIRE SHELVING	
P3	STAINLESS TABLE	
R1	MIRROR	
R2	18" GRAB BAR	
R3	36" GRAB BAR	
R4	42" GRAB BAR	
S-1	PREP SINK	ROUTE TO FLOOR SINK
S-2	DUMP SINK	
S-3	3-COMPARTMENT SINK	ROUTE TO FLOOR SINK
S-4	3-COMPARTMENT SINK	40x22x43 BOTTLE ROOM
S-5	HAND SINK	
T1	WOODEN TABLE	
WC-1	WATER CLOSET, ADA HEIGHT	



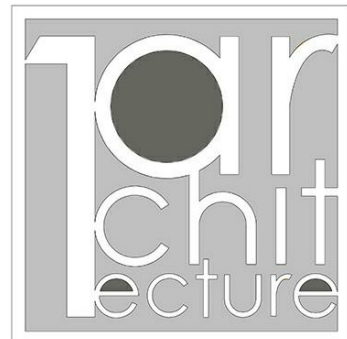
2 LEVEL 1 - REFLECTED CEILING PLAN

3/16" = 1'-0"



1 LEVEL 1 - ROOM FINISH PLAN

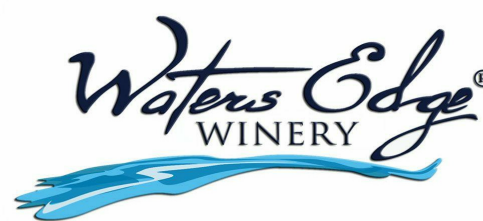
3/16" = 1'-0"



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GENERAL INFORMATION:
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INTERIOR REMODEL DRAWINGS FOR:

WATERS EDGE WINERY

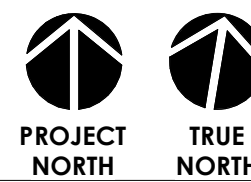
116 S. MAIN ST.
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NO.	REVISION	DATE

PROJECT NUMBER:
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KH
SHEET TITLE:

FLOOR PLAN /
REFLECTED CEILING
PLAN

A101

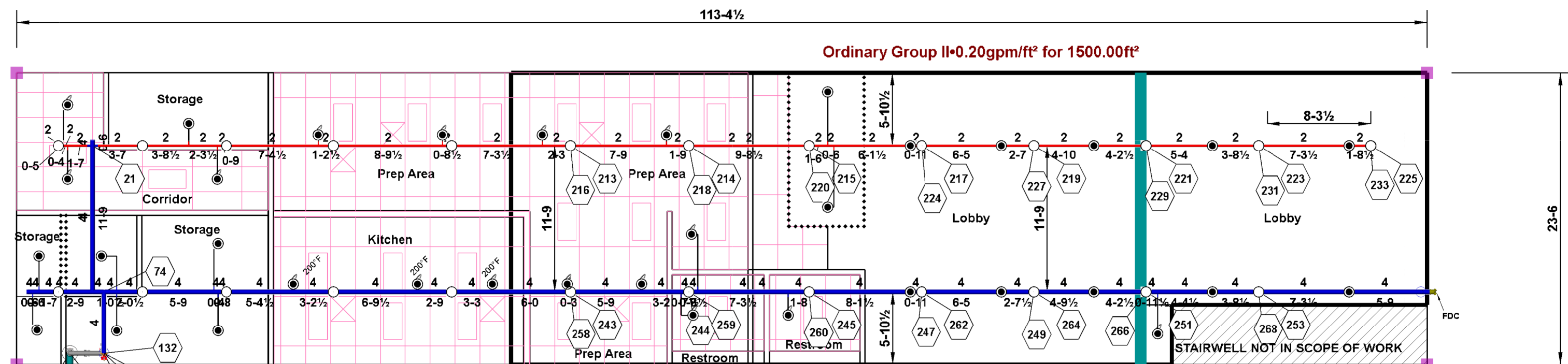


Plot Date: 04/14/16 File Name: FP-Drawing.dwg

1

160-0

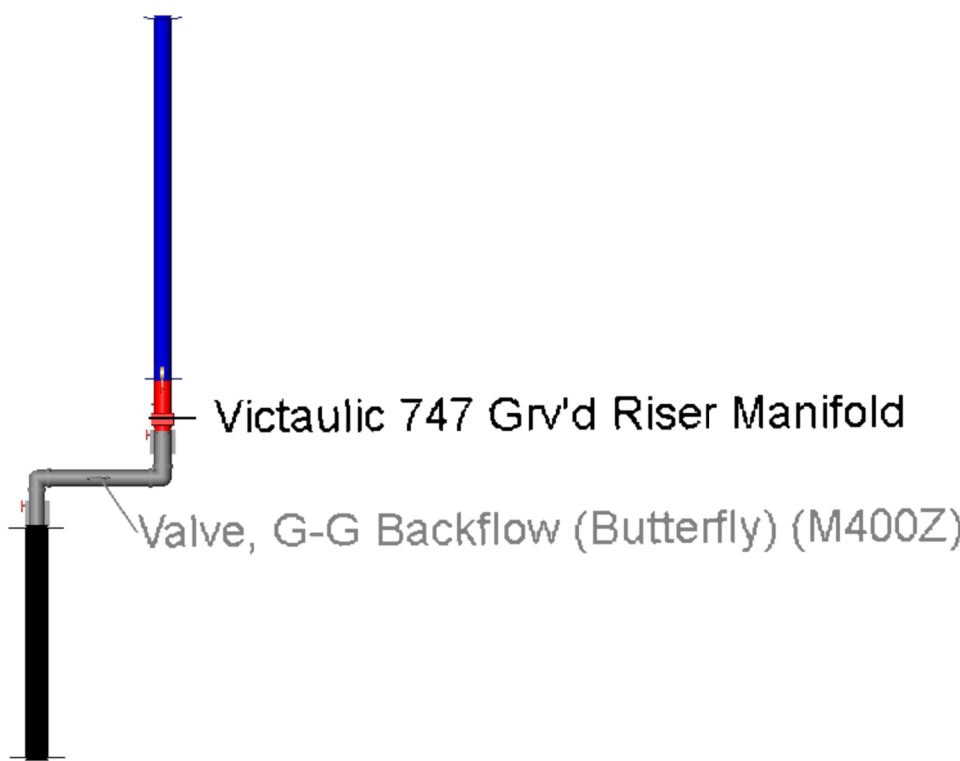
34-4



Hydraulic Information	
OCCUPANCY CLASSIFICATION	Ordinary Group II
DENSITY	0.20gpm/ft² for 1500.00ft² (Actual 1631.10ft²)
TOTAL HOSE STREAMS	250.0
DRY CAPACITY	0.0gal
TOTAL HEADS FLOWING	15
K-FACTOR	5.6
TOTAL WATER REQUIRED	657.7
TOTAL PRESSURE REQUIRED	54.6
BASE of RISER (gpm)	657.7
BASE of RISER (psi)	54.6
SAFETY MARGIN (psi)	+8.7 (13.8%)

FP-1 Roll O's Bakery

1/8" = 1'
0' 2' 4' 8'



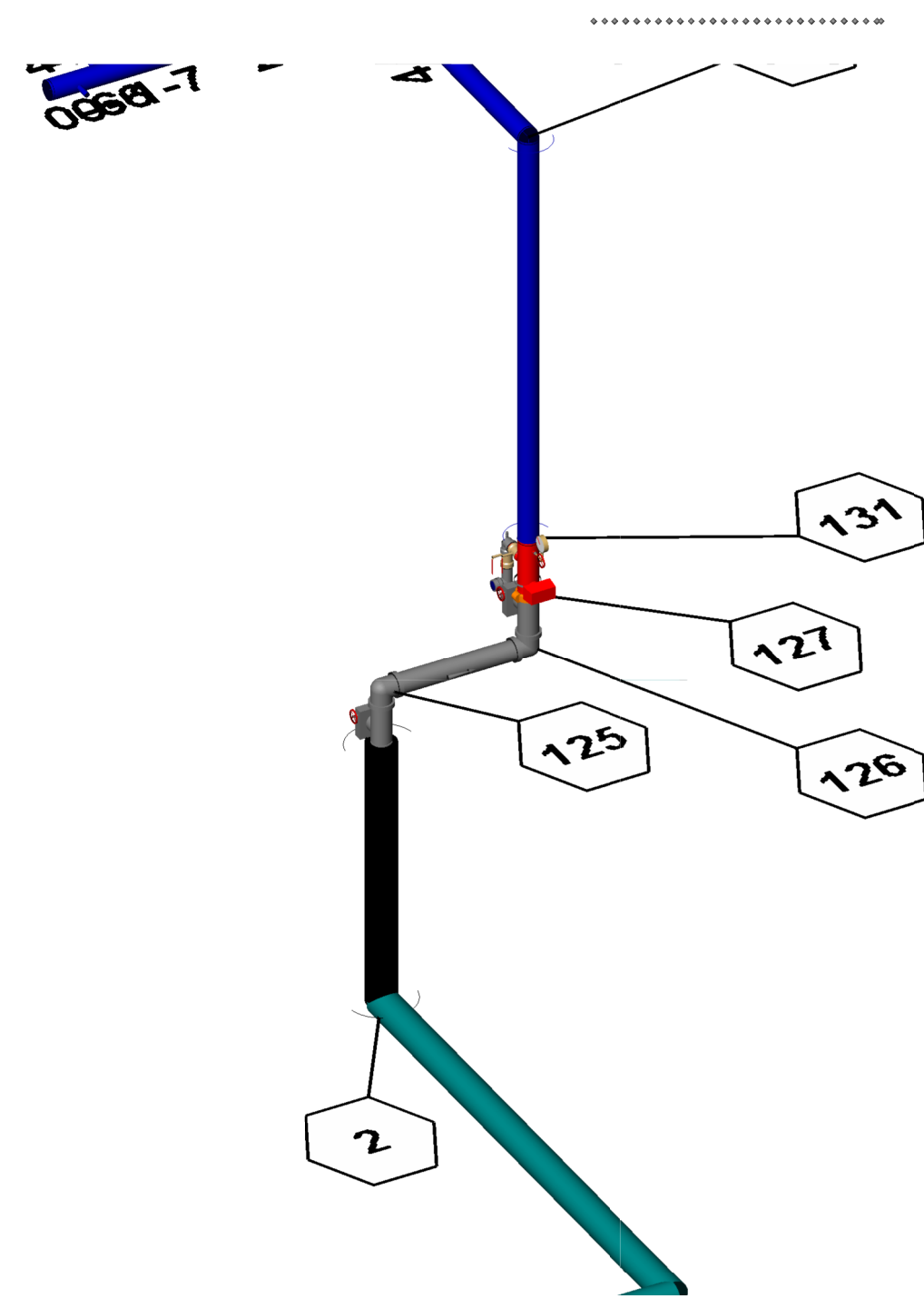
GENERAL NOTES:

- OUR SCOPE OF WORK INCLUDES THE INSTALLATION OF THE WET FIRE SPRINKLER SYSTEM. OUR POINT OF CONNECTION IS 1" AFF AT THE FIRE RISER STUB UP.
- CONTRACT EXCLUSIONS: ELECTRIC WIRING, FIRE ALARM DETECTION SYSTEMS, PAINTING OF PIPE, UNDERGROUND WORK OF ANY NATURE, FIRE PUMP, FIRE TANK AND RELATED EQUIPMENT IF REQUIRED, SEISMIC PROTECTION, FIRE EXTINGUISHERS, AND ADEQUATE HEAT OR INSULATION OF ANY KIND TO PREVENT WET PIPE SYSTEM FROM FREEZING.
- OUR CONTRACT IS WITH Ladonna R. Ross. CONTACT INFORMATION: Ladonna R. Ross - 918-251-2626
- THE FIRE SPRINKLER SYSTEM IS DESIGNED, HYDRAULICALLY CALCULATED, AND INSTALLED PER THE FOLLOWING CODES AND STANDARDS:
 - NFPA 13 2007 EDITION
 - INTERNATIONAL BUILDING CODE (I.B.C.) 2009 EDITION
- SPRINKLER SYSTEM DESIGN DENSITY & AREA OF COVERAGE:
 - [Bathrooms]
 - LIGHT HAZARD, 0.10 GPM/SF, 225 SF PER HEAD MAX
 - [ALL OTHER AREAS]
 - ORDINARY HAZARD 2, 0.2 GPM/ 1631SF, 130 SF PER HEAD MAX
- ALL SPRINKLER PIPING TO BE:
 - 1" THREADED PIPE, SCHEDULE 40, BLACK, WITH DUCTILE IRON THREADED FITTINGS.
 - 1 1/4" - 6" GROOVED PIPE, SCHEDULE 10, BLACK, WITH WELDED OUTLETS & GROOVED FITTINGS & COUPLINGS.
 - GALVANIZED PER ABOVE WHERE PENETRATING EXTERIOR SKIN.
- ALL NEW SPRINKLER PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI (OR 50 PSI ABOVE SYSTEM PRESSURE, WHICHEVER IS GREATER) FOR NOT LESS THAN 2 HOURS; THIS TESTING SHALL PRECEDE CLOSING OF ANY WALLS OR CEILINGS WHERE FIRE SPRINKLER PIPING IS ROUTED.
- SPRINKLER SYSTEMS SHALL NOT BE CONNECTED TO UNDERGROUND UTILITIES PRIOR TO TESTING AND FLUSHING OF UNDERGROUND PIPING PER NFPA 24. A COMPLETED AND SIGNED CONTRACTOR'S MATERIAL AND TESTING CERTIFICATE FOR UNDERGROUND PIPING SHALL BE PROVIDED TO US PRIOR TO US CONNECTING OUR SYSTEM TO THE UNDERGROUND PIPING.
- THE FIRE SPRINKLER SYSTEM SHALL BE INSPECTED, TESTED, AND MAINTAINED BY THE PROPERTY OWNER OR THEIR DESIGNATED REPRESENTATIVE PER NFPA 25.
- IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE SUFFICIENT HEAT, AT OR ABOVE 40 DEG F, TO PREVENT FREEZING OF THE SPRINKLER PIPING AND RELATED COMPONENTS.
- ROUGH-IN INSPECTION BY AHJ INCLUDING HYDRO, PER ABOVE IS REQUIRED BEFORE ENCLOSING PIPE ABOVE OR BEHIND FINISHING MATERIAL SUCH AS GYPSUM-BOARD WALLS OR CEILINGS.
- 200 DEGREE UPRIGHT HEADS LOCATED ABOVE THE CEILING 12" BELOW THE STRUCTURE.
- PENDENT HEADS LOCATED IN ALL CEILINGS WITHIN THE BUILDING. 200 DEGREE HEADS LOCATED IN KITCHEN AREA ONLY
- FDC LOCATED ON EAST (STREET SIDE) SIDE OF BUILDING.
- CITY TO SUPPLY 6" UNDERGROUND IN ALLEY WAY TO THE WEST OF THE BUILDING. SYSTEM WILL REQUIRE A 6" STUB UP THROUGH THE FLOOR OF THE BUILDING.

SYMBOLS

- *0-3/8" TS $\downarrow$ - PIPE ELEVATION FROM TOP OF STEEL
- *0-3/8" FF $\downarrow$ - PIPE ELEVATION FROM FINISHED FLOOR
- *0-3/8" BD $\downarrow$ - PIPE ELEVATION BELOW ROOF DECK
- X - PIPE DIAMETER
- X'-X - PIPE CUT LENGTH
- 0 - HYDRAULIC NODE TAG

CEILING FEATURE



Riser Detail

Not To Scale



Superior Fire Protection
12330 E 60th Street, Suite F
Tulsa OK 74146
(918) 836-0118
OK LIC # 2010



Sprinkler Legend		Temp		Note	
Symbol	SIN	Qty	K-Factor	Type	Size
●	125	25	5.6	Upright	1/2"
●	126	3	5.6	Pendent	1/2"
●	127	25	5.6	Pendent	1/2"
●	131	25	5.6	Pendent	1/2"
●	132	25	5.6	Pendent	1/2"
●	133	25	5.6	Pendent	1/2"
●	134	25	5.6	Pendent	1/2"
●	135	25	5.6	Pendent	1/2"
●	136	25	5.6	Pendent	1/2"
●	137	25	5.6	Pendent	1/2"
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●	199	25	5.6	Pendent	1/2"
●	200	25	5.6	Pendent	1/2"

REVISIONS:

Rev	Description	By	Date
1	Initial Design	xxxxxx/xx	xxxxxx/xx/xx
2	Revised Design	xxxxxx/xx	xxxxxx/xx/xx
3	Final Design	xxxxxx/xx	xxxxxx/xx/xx

Roll O's Bakery
116 North Main Street
Broken Arrow, OK 74012

FIRE SPRINKLER PLAN, NOTES, & DETAILS

DRAWN BY: Garrett Callahan

DATE: 10/28/2015

JOB #: 25160007

SCALE (UNO): 1/8" = 1'-0"

SHEET NO: FP1