



LEGAL JURISDICTION: CITY OF PERTH AMBOY
BUILDING CODE: IBC 2018 W/ NJ EDITS, NPC 2018 W/ NJ EDITS, IMC 2018 W/ NJ EDITS, IFC 2018, NEC 2017, 2018 ICC
TENANT AREA: 1,200 SQ. FT.
SEATING: 0
OCCUPANCY: B - BUSINESS
TYPE CONSTRUCTION: II-B
# PHONE LINES: THREE (25 PAIR CABLE IN 2" CONDUIT)
ELECTRIC SERVICE: 400 AMPS / 3 PHASE / 120-208 VOLT
GAS: 1.018 MBH
WATER PRESSURE: 45-50 PSI MIN. @ BLDG. POINT OF ENTRY

TITLE/SITE	A	B	C	D	E	F	G	H
T1.0 TITLE SHEET								
C1.0 SITE PLAN & KEY PLAN								
<b>ARCHITECTURAL</b>								
A1.0 FLOOR PLAN								
A2.0 EQUIPMENT PLAN								
A2.1 EQUIPMENT SCHEDULE								
A3.0 NOT USED								
A4.0 BUILDING ELEVATIONS								
A5.0 NOT USED								
A6.0 NOT USED								
A7.0 NOT USED								
A8.0 CONSTRUCTION DETAILS								
A9.0 METRO SHELVING ASSEMBLY DETAILS								
<b>MECHANICAL</b>								
M1.0 MECHANICAL PLAN & SCHEDULE								
M2.0 PIZZA HOOD & EXHAUST FAN DETAILS								
M2.1 FRYER ANSUL DETAILS								
M2.2 EXHAUST FAN & MAKE-UP AIR UNIT								
M2.3 HOOD DETAIL AND EXHAUST DETAILS								
<b>PLUMBING</b>								
P1.0 PLUMBING SCHEDULE & NOTES								
P2.0 PLUMBING PLANS								
P3.0 PLUMBING DETAILS & RISER DIAGRAMS								
P4.0 PLUMBING ROUGH-IN PLAN								
<b>ELECTRICAL</b>								
E1.0 ELECTRICAL SCHEDULES, NOTES & RISER DIAGRAM								
E2.0 ELECTRICAL POWER PLAN								
E3.0 LIGHTING & COMMUNICATION PLAN								
E3.1 LIGHTING & COMMUNICATION PLAN								

ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS OR SPECIFICATIONS MAYBE COPIED, REPRODUCED OR USED IN CONNECTION WITH ANY WORK, OTHER THEN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ARCHITECT.

ARCHITECT  
**DTM ARCHITECT**  
 Dennis T. Mitchell N.C.A.R.B. / AIA  
 6031 L-20 FRONTAGE RD  
 ARLINGTON, TX 76001  
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 OfficeReply@DtmArchitect.com

TDG #: 200-147



**PROTOTYPE: DELCO LITE 101.01.00**

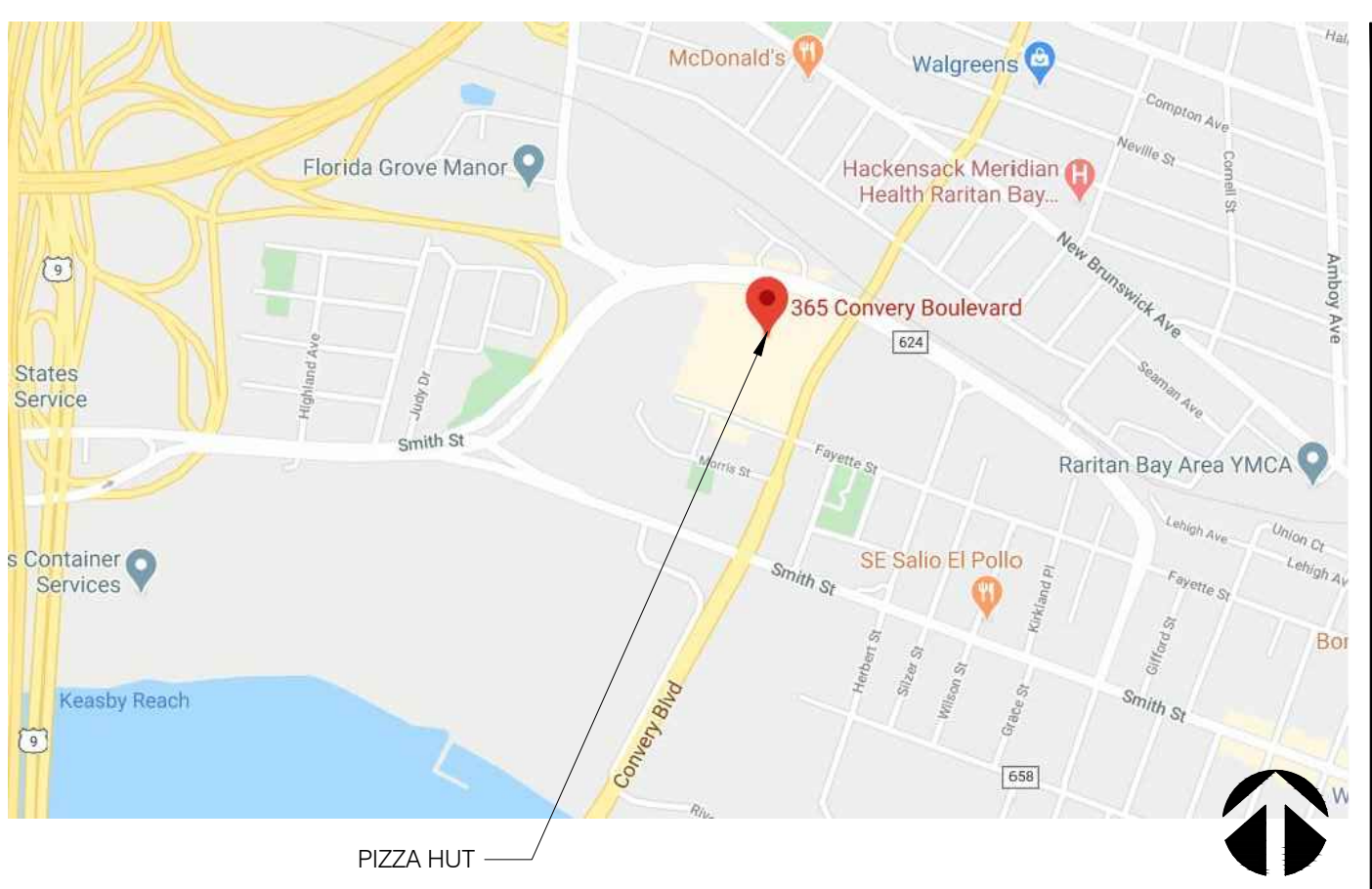
**PROJECT SUMMARY**

- A. ALL WORK SHALL CONFORM TO THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF PERTH AMBOY, NJ AND COUNTY OF MIDDLESEX.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. LATEST EDITION) ARE PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- D. DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- E. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE OWNER, IN WRITING, PRIOR TO INSTALLATION.
- F. G.C. IS RESPONSIBLE FOR SUBMITTAL, PAYING FEES AND OBTAINING ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. OWNER WILL PAY FOR "CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. G.C. REQUIRED TO PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- G. G.C. SHALL PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- H. IT IS THE G.C.'S RESPONSIBILITY TO CONFIRM THE AVAILABLE "RESIDUAL" WATER PRESSURE, PRIOR TO THE START OF ANY WORK, AND NOTIFY THE OWNER IF THE AVAILABLE PRESSURE IS NOT ADEQUATE TO SERVICE THE ANSUL SYSTEM OR OTHER PRESSURE SENSITIVE EQUIPMENT.
- I. G.C. SHALL CONFIRM MINIMUM RESIDUAL PRESSURE AVAILABLE AT HOOD ANSUL SYSTEM IS 33 PSI.
- J. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- K. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- L. ALL CONTRACTORS SHALL VISIT THE SITE TO BECOME FAMILIAR WITH CONDITIONS AFFECTING THE SCOPE OF WORK. NO CONTRACT ADJUSTMENTS WILL BE PERMITTED DUE TO THE LACK OF KNOWLEDGE OF SITE CONDITIONS.

NAME	ROOM NAME	X	ELEV. LETTER
1		AX.X	ELEV. SHEET
2	SHEET NUMBER	(X)	DOOR NUMBER
3	ELEVATION NUMBER	(X)	WINDOW NUMBER / DECOR ITEM NUMBER
4	CEILING HEIGHT	X	EXTERIOR WALL FINISH NUMBER
8'-4"		(X)	KEY NOTE
	BLDG. SECTION LETTER	X-000	EQUIPMENT NUMBER
	BLDG. SECTION SHEET	XX	ROOM FINISH NUMBER
	DETAIL NUMBER	X	INTERIOR ELEVATION DESIGNATION
	DIRECTION OF DETAIL	X	SHEAR WALL TYPE (STRUCTURAL)
	DETAIL SHEET	X	EQUIPMENT / FIXTURE NUMBER (M.E.P.)
	REVISION NUMBER	XXX   000	
0'-0" ELEV	BLDG. HEIGHT REFERENCE POINT		

REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR SPECIFIC SYMBOLS

**GENERAL DRAWING SYMBOLS**



**VICINITY MAP**

**OWNER**  
 PCF RESTAURANT GROUP, LLC  
 1626 WOODLAND DR.  
 WILLIAMSTOWN, NJ 08094  
 CONTACT: ED HERRON  
 PHONE: 856.881.6298

**MECH. / ELEC. ENGINEER**  
 DIMENSION GROUP  
 10755 SANDHILL ROAD  
 DALLAS, TX 75238  
 ENGINEER: AFSAR HASAN  
 CONTACT: JOSH GUNLOCK  
 PHONE: 214.343.9400

**DESIGN CONSULTANT**  
 DIMENSION GROUP  
 10755 SANDHILL ROAD  
 DALLAS, TX 75238  
 CONTACT: MIKE OXLEY  
 PHONE: 214.343.9400

**ARCHITECT**  
 DTM ARCHITECTS  
 6031 L-20 FRONTAGE RD.  
 ARLINGTON, TX 76001  
 CONTACT: DENNIS T. MITCHELL  
 PHONE: 817-483-1146

**PROJECT DIRECTORY**

**SEWER**  
 CITY OF PERTH AMBOY  
 599 FAYETTE ST.  
 PERTH AMBOY, NJ 08861  
 Phone: 732-826-2010

**TELEPHONE**  
 VERIZON  
 Phone: 855-696-6780

**WATER**  
 MIDDLESEX WATER COMPANY  
 485 C ROUTE 1 SOUTH, STE. 400  
 ISELIN, NJ 08830  
 Phone: 800-549-3802

**GAS**  
 ELIZABETH TOWN GAS COMPANY  
 296 STATE ST.  
 PERTH AMBOY, NJ 08861  
 Phone: 800-242-5830

**ELECTRIC**  
 PUBLIC SERVICE ELECTRIC COMPANY  
 286 STATE ST.  
 PERTH AMBOY, NJ 08861  
 Phone: 800-553-7734

**UTILITY CONTACTS**

**PROJECT GENERAL NOTES**

**SHEET INDEX**

6.15.2020

DRAWN BY: JP	CHECKED BY: MO
DATE	DESCRIPTION
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CONTRACT DATE:	03.05.20
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXX
STORE NUMBER:	XXXX

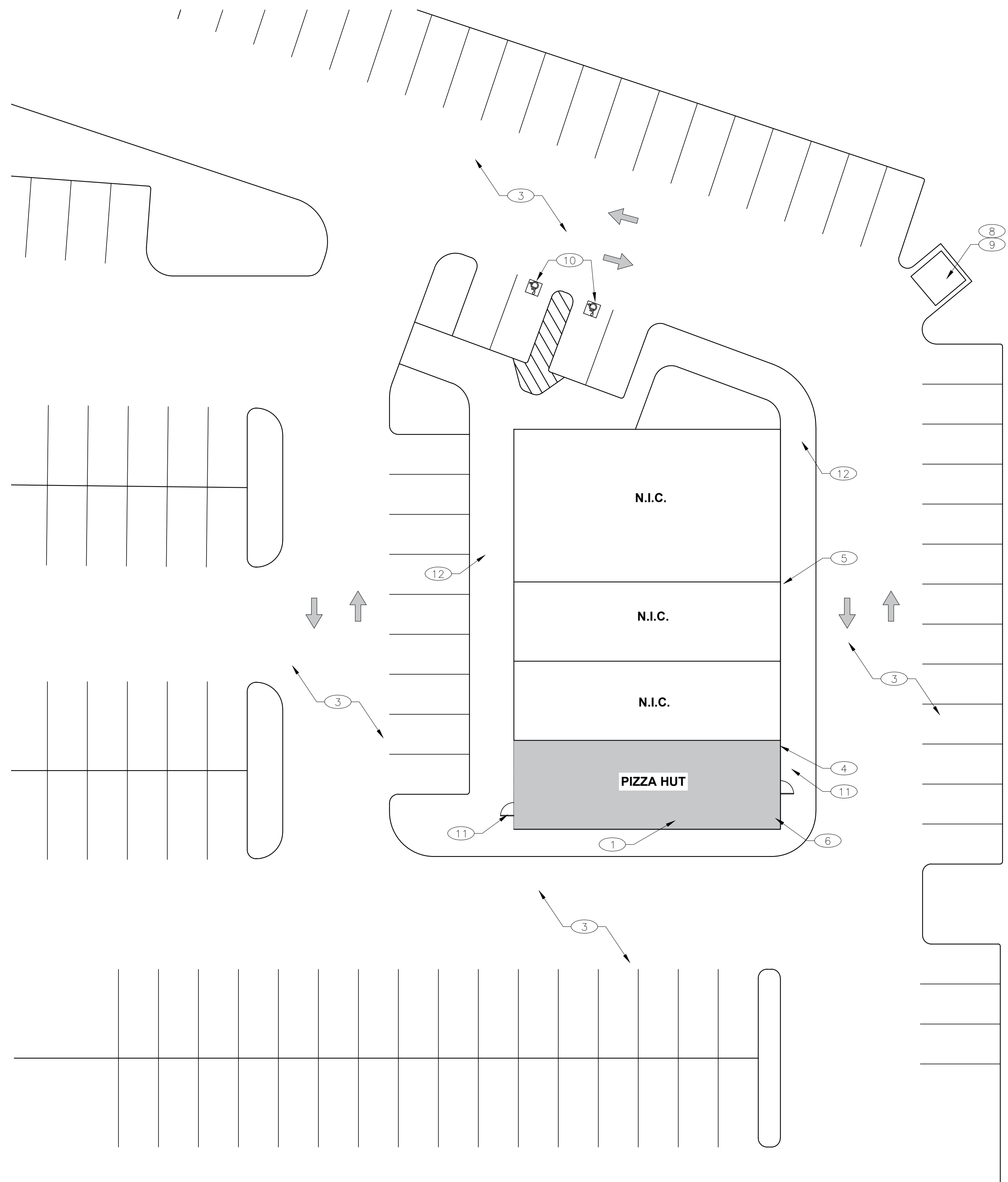
**PIZZA HUT**  
 365 Convery Blvd  
 Perth Amboy, NJ



**TITLE SHEET**

**T1.0**

PLOT DATE: 06/03/20



1. VERIFY ALL CONDITIONS PRIOR TO CONSTRUCTION. DISCREPANCIES BETWEEN DESIGN AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PIZZA HUT CONSTRUCTION MANAGER OR FRANCHISEE'S REPRESENTATIVE PRIOR TO PROCEEDING WITH WORK.
2. PATCH AND REPAIR ANY AND ALL PAVING DISTURBED DURING CONSTRUCTION, TO MATCH ADJACENT PAVING CONDITIONS AND ELEVATIONS.
3. VERIFY ALL UTILITY CONNECTIONS WITH PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE PIZZA HUT CONSTRUCTION MANAGER OR FRANCHISEE'S REPRESENTATIVE.
4. REFER TO PROJECT GENERAL NOTES ON SHEET A1.0.

**SITE PLAN GENERAL NOTES**

- ① PIZZA HUT LEASE SPACE, 1,200 SF.
- ② NOT USED
- ③ EXISTING PARKING AREA PROVIDED BY LANDLORD.
- ④ EXISTING ELECTRIC SERVICE
- ⑤ EXISTING GAS METER
- ⑥ EXISTING WATER METER.
- ⑦ NOT USED
- ⑧ EXISTING SHOPPING CENTER DUMPSTER LOCATION.
- ⑨ GREASE BARREL LOCATION.
- ⑩ EXISTING A.D.A. COMPLIANT PARKING.
- ⑪ EXISTING EXIT DOOR.
- ⑫ EXISTING SIDEWALK TO REMAIN.

**SITE PLAN KEY NOTES**

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TDG #: 200-147



6.15.2020

DRAWN BY:	JP	CHECKED BY:	MO
DATE		DESCRIPTION	
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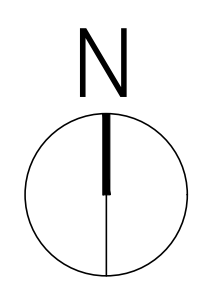
PIZZA HUT  
 365 Convery Blvd  
 Perth Amboy, NJ



**SITE SKETCH & BUILDING KEY**

**C1.0**

PLOT DATE: 06/03/20



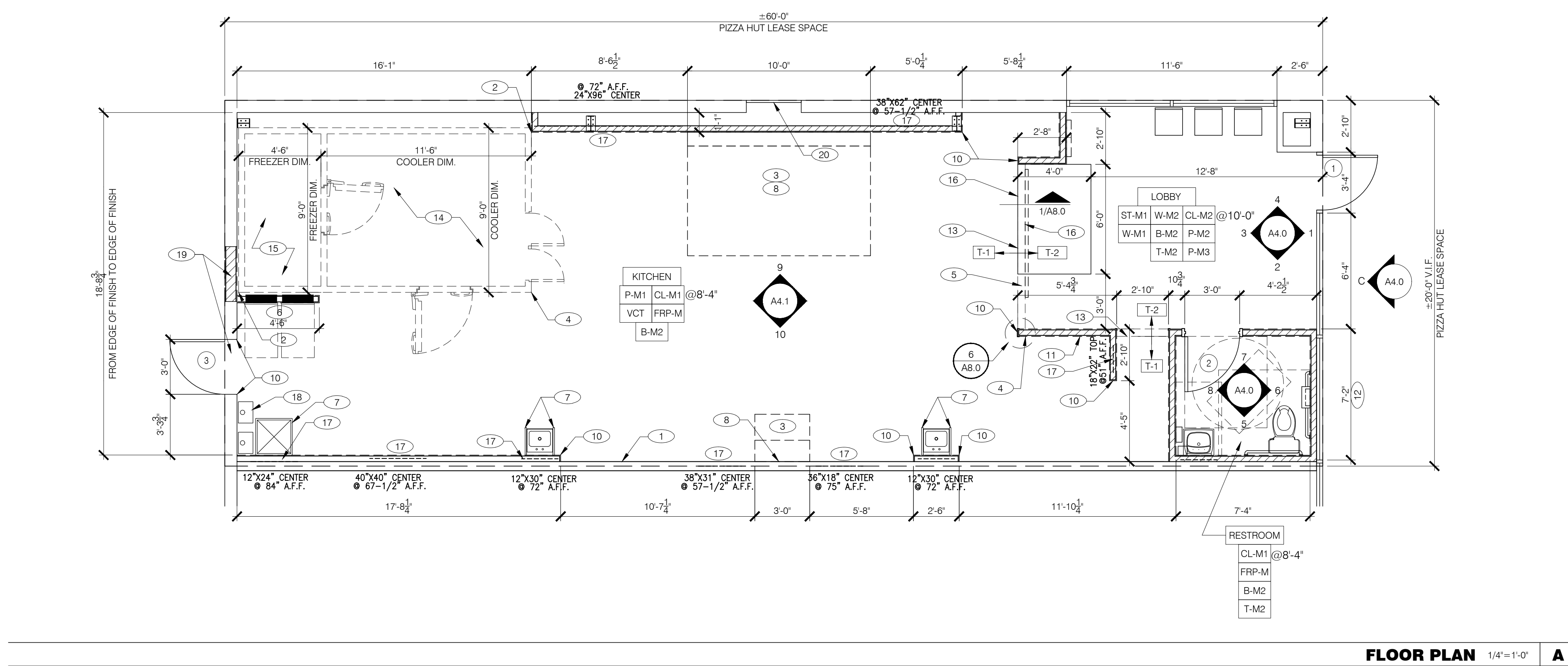
FLOORS		
SYM	DESCRIPTION	ALTERNATE/NOTES
VCT	MFR.: TYPE: COLOR: SIZE: GROUT:	
T-M2	MFR.: FLORIDA TILE TYPE: PORCELAIN TILE COLOR: FTI-PH1-CR SIZE: 6" X 24" GROUT: CUSTOM BUILDING PRODUCTS #540 TRUFFLE 3/8"	NOTES: 1. RUNNING BOND PATTERN 2. TILE PATTERN TO BE PARALLEL WITH FRONT DOOR 3. FOR ORDERING CONTACT MATT HATFIELD 214-356-4271
EPOXY	MFR.: TYPE: COLOR:	

WALL BASE		
SYM	DESCRIPTION	ALTERNATE/NOTES
B-M1	MFR.: CROSSVILLE TYPE: TILE COVE BASE COLOR: GRAY MINGLE SIZE: 6" x 8" GROUT: POLYBLEND GROUT #60 CHARCOAL TONI HALE 931-456-3997*	MFR.: ARMSTRONG TYPE: VINYL COVE BASE COLOR: JET BLACK SIZE: 4"
B-M2	MFR.: ARMSTRONG TYPE: VINYL COVE BASE COLOR: JET BLACK SIZE: 4"	STEVE PATTERSON 214-755-9186 *

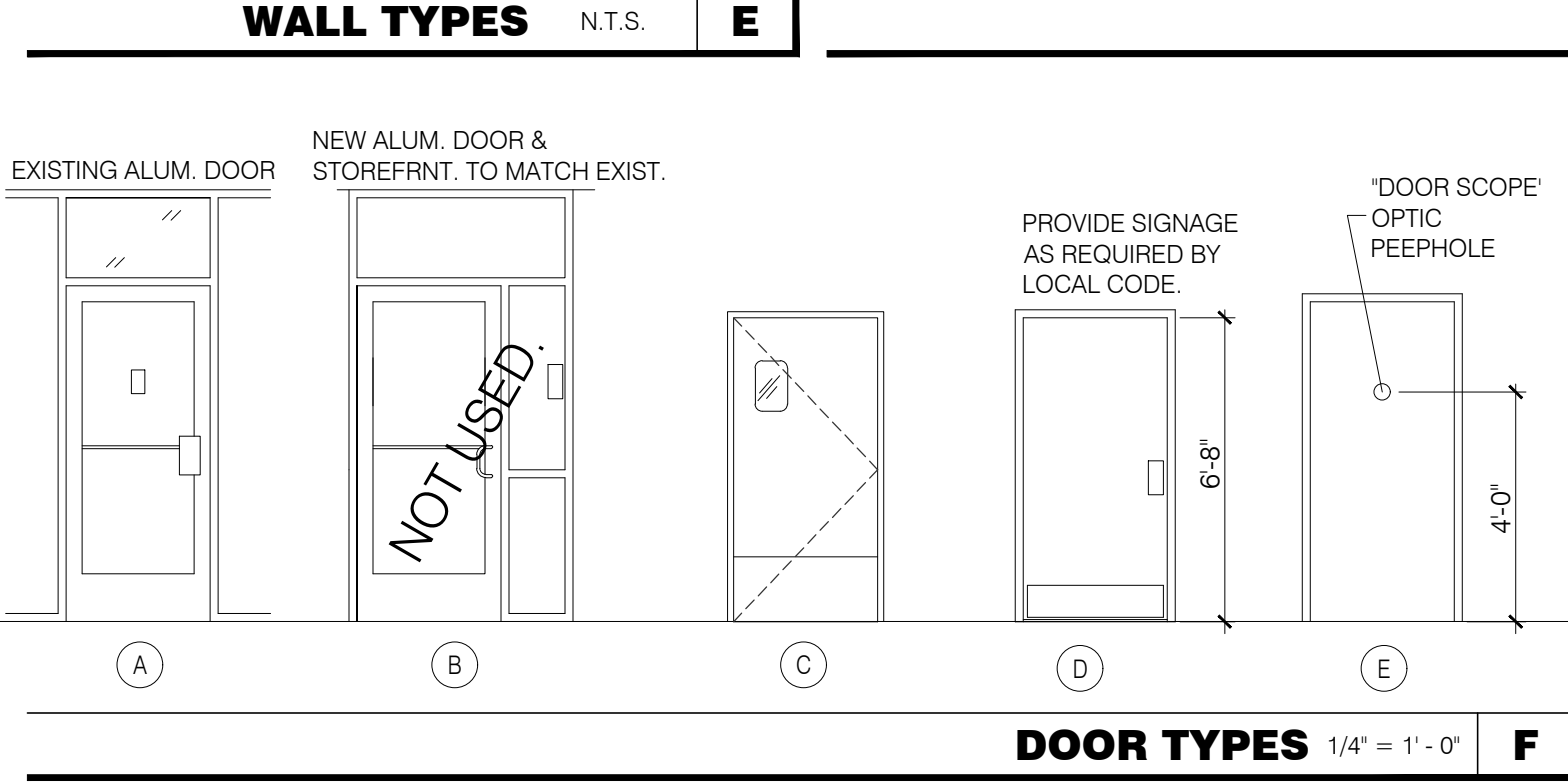
CEILINGS		
SYM	DESCRIPTION	ALTERNATE/NOTES
CL-M1	MFR.: GYPSUM LAY IN PANEL TYPE: WHITE VINYL WITH STIPPLE PATTERN COLOR: WHITE SIZE: 1/2" x 24" x 48" KITCHEN/RESTROOM	ACOUSTICAL CEILING GRID SHALL BE EQUAL TO ARMSTRONG PRELUDE 15/16" OR U.S. GYPSUM ENVIRONMENTAL ZXA GRID SYSTEM. WIDE-FACED, ALUMINUM CAPPED, DOUBLE-WEB, HOT DIP GALVANIZED STEEL, INTERMEDIATE-DUTY, HIGH HUMIDITY FINISH. PAINTED WHITE. ALTERNATE TILE: MFR.: ARMSTRONG TYPE: #793 GEORGIAN HIGH WASHABILITY COLOR: WHITE BETH RINEHEART SIZE: 1/2" x 24" x 48" KITCHEN/RESTROOM 2500 Columbia Avenue Lancaster, PA 17603 (800) 442-4212
CL-M2	MFR.: USG TYPE: FROST CLIMA PLUS COLOR: FLAT BLACK #205 SIZE: 1/2" x 24" x 24" LOBBY	ACOUSTICAL CEILING GRID SHALL BE EQUAL TO ARMSTRONG PRELUDE 15/16" OR U.S. GYPSUM ENVIRONMENTAL ZXA GRID SYSTEM. WIDE-FACED, ALUMINUM CAPPED, DOUBLE-WEB, HOT DIP GALVANIZED STEEL, INTERMEDIATE-DUTY, HIGH HUMIDITY FINISH. PAINTED FLAT BLACK.

WALLS/DOORS		
SYM	DESCRIPTION	ALTERNATE/NOTES
FRP-M	MFR.: MARLITE TYPE: MFR NO. P-100 COLOR: WHITE	ALTERNATES: 1) PARKLAND PERFORMANCE, PLASTEX NRP, WHITE, NU CRACKED-ICE FINISH 2) NUDO PROD. INC., FIBER-LITE LP-F9-FR, COLOR: WHITE 3) SEQUENTIA, INC. STRUCTOGLASS, STRUCTOGLAS PYRO-PANL, COLOR: WHITE #1130; 4) UNIDYNAMICS DYROTECH INDUSTRIES, KEMLITE GLASBORD-P, KEMLITE FIRE-X GLASBORD, COLOR: WHITE #85
P-M1	MFR.: SHERWIN WILLIAMS TYPE: SEMI-GLOSS ENAMEL COLOR: 'GREY CLOUDS' - #SW7658	KITCHEN DOORS & FRAMES
P-M2	MFR.: SHERWIN WILLIAMS TYPE: SEMI-GLOSS ENAMEL COLOR: 'MACADAMIA' - #SW6142 FINISH: LIGHT STIPPLE	TWO COATS MINIMUM.
P-M3	MFR.: SHERWIN WILLIAMS TYPE: SEMI-GLOSS ENAMEL COLOR: 'BLACK FOX' - #SW7020	LOBBY/RESTROOM DOORS & FRAMES
W-M1	MFR.: WOLF GORDON TYPE: VINYL WALLCOVERING COLOR: RAMPART #GOH11258720 'WALNUT' PERFORATED (INSTALLED VERTICALLY)	1. WALLS TO HAVE MINIMUM LEVEL 4 FINISH AND ONE COAT PRIMER. 2. ADDITIONAL 2 WEEK LEAD TIME FOR PERFORATION CONTACT: FREDDY ORTIZ 718-391-5452
W-M2	MFR.: GLEN-GERY TYPE: THIN BRICK 1/2" COLOR: MILWAUKEE, RUNNING BOND PATTERN SIZE: 1/2" X 2 1/4" X 7 5/8" MORTAR: NATURAL GREY PIPED, ROUGH RAKED	1. USE THIN TECH - CLASSIC SERIES, SEE DETAIL 2/A8.0 2. SEAL BOTTOM 3 COURSES W/ PROSOCO, STANDOFF (STMP) MIKE SCHMEDDING 816.589.3956
ST-M1	MFR.: SHERWIN WILLIAMS TYPE: INTERIOR SEMI-TRANSPARENT STAIN COLOR: 'WEATHERED TEAK' - #SW3134-K	CHAIR RAIL - STAIN GRADE OAK

FINISH SCHEDULE LEGEND		H
1. REPLACE OR REPAIR DAMAGED, DETERIORATED OR UNSUITABLE SUBSTRATES AS REQUIRED TO RECEIVE NEW WALL FINISHES AS SCHEDULED.	9. GENERAL CONTRACTOR SHALL COORDINATE EXISTING STRUCTURE WITH NEW CONSTRUCTION INCLUDING MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL WORK.	
2. PREPARE EXISTING CONCRETE SLAB TO RECEIVE NEW FLOOR FINISHES AS SCHEDULED.	10. GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING IN WALLS FOR SUPPORT OF ALL EQUIPMENT, SHELVING, ACCESSORIES SEE FLOOR PLAN FOR LOCATION OF BLOCKING.	
3. CUT, REMOVE AND REPLACE EXISTING CONCRETE SLAB AS REQUIRED FOR INSTALLATION OF NEW UNDER SLAB PIPING AND CONDUIT.	11. ALL PENETRATIONS SHALL RECEIVE CAULKING TO SEAL ANY TYPE OF ENERGY LOSS.	
4. ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES, REGULATIONS, ORDINANCES AND STANDARDS.	12. THE DRAWINGS ARE NOT TO BE SCALED. FOR INFORMATION CONCERNING EXISTING PARTITIONS, ETC., VERIFICATION MUST BE DONE IN THE FIELD.	
5. ALL REMODELED BUILDING ELEMENTS INCLUDED AS PART OF THIS PROJECT SHALL COMPLY WITH THE MOST CURRENT EDITION OF BUILDING CODES, AND LOCAL CODES.	13. UPON COMPLETION OF PROJECT, GENERAL CONTRACTOR TO OBTAIN ALL FINAL INSPECTIONS AS REQUIRED BY LOCAL JURISDICTIONS AND FURNISH OWNER WITH EVIDENCE OF ALL SUCH INSPECTIONS AND CERTIFICATES OF OCCUPANCY.	
6. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, GENERAL CONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL EXISTING ABOVE AND BELOW GRADE UTILITIES, INCLUDING SANITARY SEWER, STORM SEWER, WATER, GAS, ELECTRICAL, TELEPHONE, ETC. ANY DISCREPANCIES IN UTILITY LOCATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER'S REPRESENTATIVE.	14. ALL MEANS OF EGRESS AND FIRE PROTECTION SHALL BE MAINTAINED AT ALL TIMES AND ANY SHUT DOWN OF LIFE SAFETY OR BUILDING SYSTEMS SHALL BE APPROVED AND COORDINATED IN ADVANCE WITH THE OWNER AND LOCAL BUILDING DEPARTMENT.	
7. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF THE BUILDING'S STRUCTURAL SYSTEM. STRUCTURAL MEMBERS, INCLUDING BEARING AND SHEAR WALLS, SHALL NOT BE REMOVED, CUT OR OTHERWISE MODIFIED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNERS REPRESENTATIVE.	15. DEMISING WALLS SHALL EXTEND FULL HEIGHT TO STRUCTURE ABOVE. G.C. SHALL SEAL ALL PENETRATIONS AS REQUIRED TO MAINTAIN INTEGRITY OF DEMISING WALLS AND PREVENT INSECT OR RODENT EGRESS INTO STORE SPACE.	
8. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL BUILDING DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE OF ANY VARIANCE OR DISCREPANCY AFFECTING NEW CONSTRUCTION PRIOR TO PROCEEDING WITH WORK.	16. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF EXISTING INSULATION VALUES IN EXTERIOR WALL AND ROOF/CEILING ASSEMBLY. CONTRACTOR SHALL PROVIDE ADDITIONAL INSULATION TO ACHIEVE A MINIMUM R-19 IN EXTERIOR WALLS AND R-30 IN ROOF/CEILING ASSEMBLY.	
	17. ALL DIMENSIONS TO FINISHED WALL UNLESS OTHERWISE NOTED.	



WALL TYPES		N.T.S.	E
	NEW 3-5/8" METAL STUD WALL WITH 5/8" GYP. BD.		
	NEW 6" METAL STUD WALL WITH 5/8" GYP. BD. ON FINISH SIDE ONLY		
	EXISTING DEMISED WALL		
	NEW 3-5/8" OR 6" 1-HOUR FIRE RATED DEMISED WALL		



PROJECT GENERAL NOTES		G
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- KEY NOTES D
- EXISTING DEMISED WALL W/ NEW 5/8" CEMENTITIOUS BOARD TO 8" AFF; EXISTING GYP. BOARD TO ROOF DECK ABOVE. SEE BIDDERS INSTRUCTIONS FOR SCOPE OF WORK.
  - INSTALL BACKER ROD AND SEALANT BETWEEN COOLER/FREEZER AND ADJACENT WALL SURFACES.
  - HOOD AT THIS WALL REFERENCE MECHANICAL.
  - FIRE EXTINGUISHER (PER LOCAL CODE) TO BE PROVIDED BY GENERAL CONTRACTOR. VERIFY NUMBER AND LOCATION OF EXTINGUISHERS WITH LOCAL AUTHORITIES.
  - FRAMED FUR DOWN, FINISHES AT 8'-8" A.F.F. - SEE DETAIL 1/A8.0
  - ELECTRIC PANELS, AND CLEAR FLOOR SPACE.
  - SPLASH GUARD. INSTALLATION SHOULD BE COORDINATED WITH MOP SINK INSTALLATION. SEE DETAIL 13/A8.0
  - OWNER SUPPLIED AND CONTRACTOR INSTALLED S.S. PANELS. APPLY WITH CONSTRUCTION ADHESIVE NO EXPOSED SCREWS/ATTACHMENTS.
  - OWNER SUPPLIED, WALL MOUNTED BRACKET AND 32" LCD TV. CONTRACTOR TO PROVIDE REQUIRED BLOCKING AND INSTALLATION OF BRACKET AND TV, MOUNT BOTTOM OF TV @ 6'-10" A.F.F.
  - PROVIDE S.S. CORNER GUARDS ON EXPOSED B.O.H. CORNERS, TYP. SEE DETAIL 5/A8.0
  - DRIVER MAP LOCATION.
  - GC TO PROVIDE OPAQUE VINYL WINDOW FILM ON INSIDE OF GLASS.
  - FLOOR TILE TRANSITION, FROM KITCHEN TILE T-1 TO LOBBY TILE T-2. DIRECTLY UNDER BACK EDGE OF CEILING BULK HEAD.
  - CONTINUE B.O.H FINISHES INTO WALK IN COOLER AND UNDER FREEZER.
  - FREEZER FLOOR AND BASE FURNISHED BY MANUFACTURER.
  - GC TO PROVIDE 3/8" FIRE RETARDANT PLYWOOD ON FULL WALL.
  - GC TO PROVIDE 5/8" FIRE RETARDANT PLYWOOD BLOCKING AT THIS LOCATION FOR WALL MOUNTED EQUIPMENT.
  - INSTANTANEOUS WATER HEATER MOUNTED ABOVE CEILING. SEE PLUMBING PLANS.
  - RELOCATE EXISTING REAR EXIT DOOR. INFILL EXISTING OPENING TO MATCH EXISTING WALL CONSTRUCTION.
  - REMOVE EXISTING DOOR HARDWARE AND CAP. SECURE CLOSED

DOOR SCHEDULE NOTES		B
GENERAL / REFERENCED NOTES:		
1. ALL HARDWARE SHALL BE FURNISHED & INSTALLED BY G.C. U.O.N.	10. RESTROOM SIGN IF REQUIRED. VERIFY LOCAL REQUIREMENTS.	
2. ALL HARDWARE FINISH 26D.	11. ADA COMPLIANT ACCESSIBILITY SIGNAGE WHERE REQUIRED (OR AS REQUIRED BY LOCAL JURISDICTION) - (1)UNISEX.	
3. ALL H.M. FRAMES SHALL BE WELDED 18 GA. STL. U.O.N.	12. PAINT EXTERIOR TO MATCH DEVELOPMENT REQUIREMENTS.	
4. ALL LOCKS SHALL BE INTERCHANGEABLE CORE SUPPLIED & INSTALLED BY THE G.C. ALL EXTERIOR LOCKS SHALL BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT CORES SHALL BE KEYPED ALIKE.	13. FOR DOORS MARKED AS DELIVERY DOORS CONTACT LOCKNET AT 1-800-887-4307 FOR HARDWARE AND NATIONAL CONTRACT PRICING.	
5. MOUNT COAT HOOK ON INTERIOR RESTROOM SIDE AT 48" A.F.F.	14. PROVIDE WIDE ANGLE, SECURITY PEEP HOLE PER SPEC. Contact: David Ahn @ Du Seung Trading Corporation, 1-800-274-7267, email: door.scope@dstco.net, mention "Pizza Hut National Pricing"	
6. PAINT INTERIOR OF EXISTING DOOR & FRAME, REFER TO FINISH SCHEDULE.	**ALTERNATE: 6"X6" WIRE GLASS WINDOW AT RECEIVING DOOR.	
7. EXISTING DOOR.	15. IF DOOR IS NOT USED FOR DELIVERY, REMOVE OUTSIDE HANDLE AND PROVIDE A BLANK COVER.	
8. WOOD DOORS SHALL BE PAINT PRIMED AND FINISH WITH 2 COATS OF 2 MIL PAINT, INCLUDING TOP EDGE. WHEN WOOD DOOR OPENS TO THE LOBBY PAINT WOOD DOOR AND TRIM 'TRICORN BLACK' SEE P-3 LOBBY ON FINISH SCHEDULE.	16. 8" KICK PLATE ON THE PUSH SIDE OF DOOR ONLY.	
9. MAXIMUM DOOR OPERATING PRESSURE : 5 LBS INTERIOR ; 8.5 LBS EXTERIOR MEASURED AT 90 DEGREES TO THE DOOR AT STRIKE EDGE.		

DOOR SCHEDULE		C											
DOOR NO.	DOOR SIZE	DOOR TYPE	MATL DOOR FRAME	BUTTS	LOCKS	CLOSERS	KICK PLATE	THRES HOLD	DOOR STOP	PUSH	PULL	MISC.	DOOR NOTES
1	EXISTING	A	AL	AL	1	2	3	4	1	2	1		REFER TO NOTES #1,2,4,7,9.
2	3'-0" x 6'-8" x 1-3/4"	D	WD	H.M	X					X			REFER TO NOTES #1,2,3,5,8,9,10,11,16
3	EXISTING	E	H.M	H.M	X						X	X	REFER TO NOTE #1,2,3,4,9,12,13,14,16

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STATE OF NEW JERSEY  
DENNIS MITCHELL  
REGISTERED ARCHITECT  
A1-11209  
06-16-20

6.15.2020  
DRAWN BY: JP CHECKED BY: MO  
DATE DESCRIPTION  
CONTRACT DATE: 03.05.20  
BUILDING TYPE: DELCO LITE  
PLAN VERSION: 01.29.16  
SITE NUMBER: xxxxx  
STORE NUMBER: XXXXX

PIZZA HUT  
365 Convey Blvd  
Perth Amboy, NJ

DELCO LITE

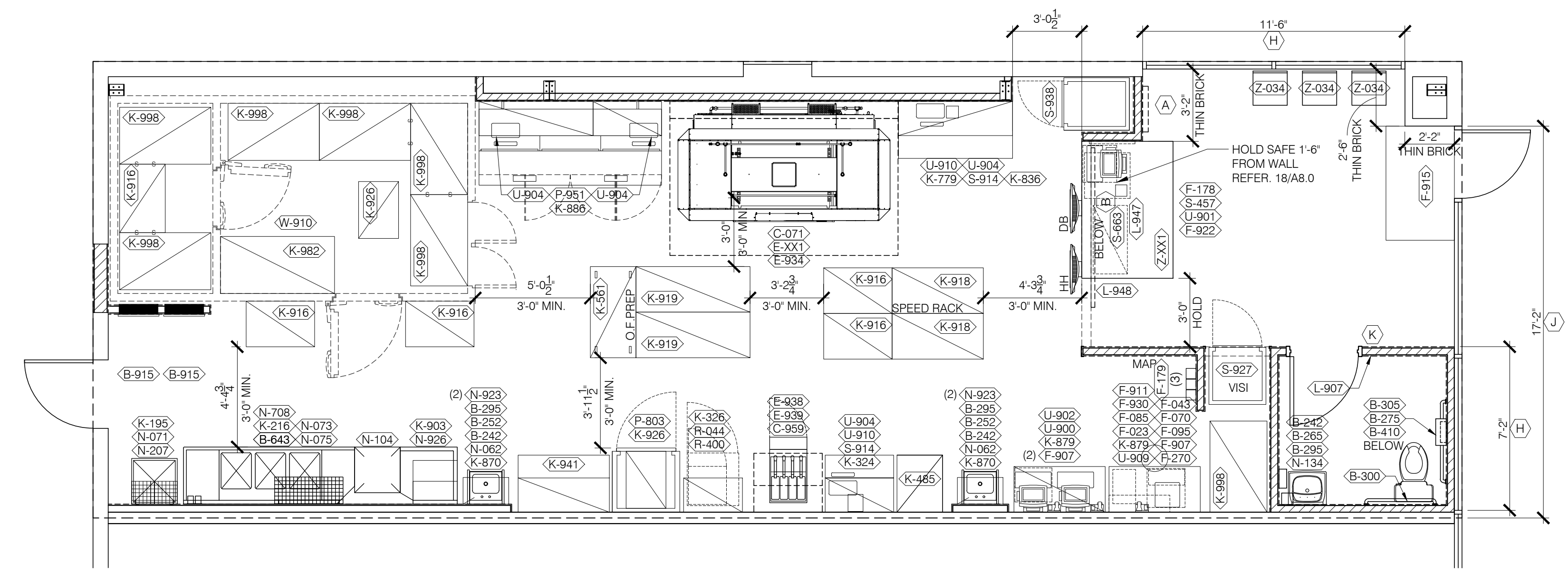
FLOOR PLAN  
**A1.0**

PLOT DATE: 06/30/20

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\*\*SEE NOTE ON A4.0 FOR WALL GRAPHIC ORDERING PROCEDURE\*\*

**EQUIPMENT PLAN** 1/4"=1'-0" **A**

6.15.2020

DATE	DESCRIPTION

CONTRACT DATE: 03.05.20  
 BUILDING TYPE: DELCO LITE  
 PLAN VERSION: 01.29.16  
 SITE NUMBER: xxxxx  
 STORE NUMBER: xxxxx

PIZZA HUT  
 365 Convery Blvd  
 Perth Amboy, NJ



**EQUIPMENT PLAN**  
**A2.0**

PLOT DATE: 06/03/20

(X)	QTY.	ITEM	REMARKS
(Z-XX1)	1	6' CUSTOMER COUNTER, OWNER PROVIDED	VENDOR SUPPLIED / G.C. INSTALLED
(Z-034)	3	DELCO LITE LOBBY CHAIR	VENDOR SUPPLIED
(A)	1	ARTWORK VERTICAL 24X36	VENDOR SUPPLIED AND INSTALLED
(B)	0	ARTWORK HORIZONTAL 36X24	VENDOR SUPPLIED AND INSTALLED
(F)	0	ART PANEL	VENDOR SUPPLIED AND INSTALLED
(G)	0	40" LCD TV	OWNER FURN. / TELECORP/IT
(H)	1	STOREFRONT GRAPHIC	VENDOR SUPPLIED AND INSTALLED
(K)	1	UNISEX RESTROOM SIGN	VENDOR SUPPLIED AND GC INSTALLED
(J)	2	'RED THREAD' STOREFRONT GRAPHIC	VENDOR SUPPLIED AND INSTALLED *GC TO FIELD VERIFY WINDOW DIMENSIONS

**DECOR PACKAGE** **C**

DRY STORAGE SHELVING CALCULATIONS				COOLER SHELVING CALCULATIONS			
EQUIPMENT #	QUANTITY	FACTOR	LENGTH = TOTAL	EQUIPMENT #	QUANTITY	FACTOR	LENGTH = TOTAL
K-195	1.0	X .33	X 2.0 = .66	K-926	1.0	X .75	X N/A = .75
K-216	1.0	X .33	X 5.0 = 1.65	K-982	1.0	X 1.25	X 5.0 = 6.25
K-324	1.0	X .4	X 3.0 = 1.2	K-998	4.0	X 1.25	X 4.0 = 20.0
K-326	1.0	X .33	X 2.5 = .83				
K-485	1.0	X 1.0	X 2.5 = 2.5				TOTAL 27.00 LF
K-561	1.0	X .5	X 4.0 = 2.0	FREEZER SHELVING CALCULATIONS			
S-663	1.0	X .33	X 3.0 = .99	EQUIPMENT #	QUANTITY	FACTOR	LENGTH = TOTAL
K-779	1.0	X 5	X 5.0 = 2.5	K-916	1.0	X 1.0	X 3.0 = 3.00
K-836	1.0	X 1.25	X 2.0 = 2.5	K-998	2.0	X 1.25	X 4.0 = 10.00
K-870	2.0	X .33	X 2.0 = 1.32				TOTAL 13.00 LF
K-879	2.0	X .5	X 4.0 = 4.0				
K-886	1.0	X .33	X 5.0 = 1.0				
K-903	1.0	X 1.0	X 3.5 = 3.5				
K-916	5.0	X 1.0	X 3.0 = 15.0				
K-918	2.0	X 1.0	X 4.0 = 8.0				
K-919	2.0	X 1.0	X 5.0 = 10.0				
K-926	1.0	X .75	X 2.0 = 1.5				
K-941	1.0	X .5	X 4.0 = 2.0				
K-982	0.0	X 1.25	X 5.0 = 0.0				
K-998	0.0	X 1.25	X 4.0 = 0.0				
K-999	0.0	X 1.25	X 6.0 = 0.0				
			TOTAL 172.12 LF				

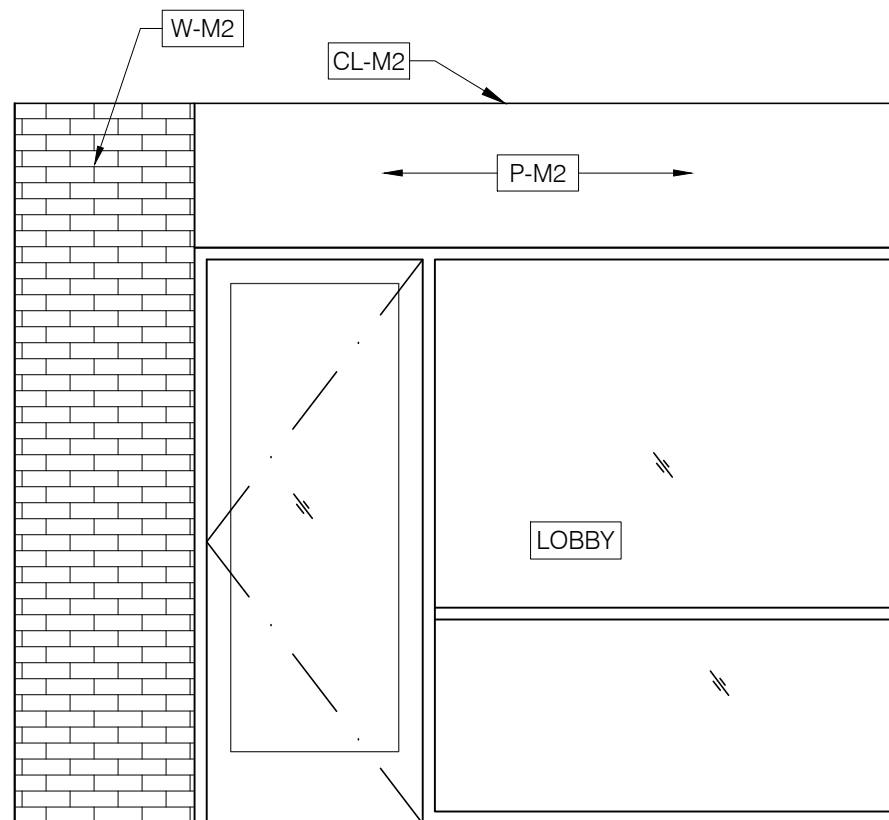
\*\*\* DO NOT INCLUDE SPEED RACK

FOR STORAGE LINEAR FOOTAGE, COUNT:  
 30" WIDE SHELVING - 1.25 x LENGTH OF SHELF  
 24" WIDE SHELVING - 1.0 x LENGTH OF SHELF  
 18" WIDE SHELVING - 0.75 x LENGTH OF SHELF  
 0.33 x BREADSTICK STATION (LENGTH)  
 0.33 x DRIVERS STATION (LENGTH)  
 0.4 x UPPER SHELVING AT WORKSTATION (LENGTH)  
 0.4 x WINGSTREET SAUCING STATION (LENGTH)  
 0.5 x WINGSTREET PREP STATION (LENGTH)  
 0.5 x O/E STATION (LENGTH)  
 0.5 x QUALITY STATION (LENGTH)  
 MOBILE SHELVING CARTS - .75 PER UNIT

**STORAGE CAPACITY MATRIX** **B**

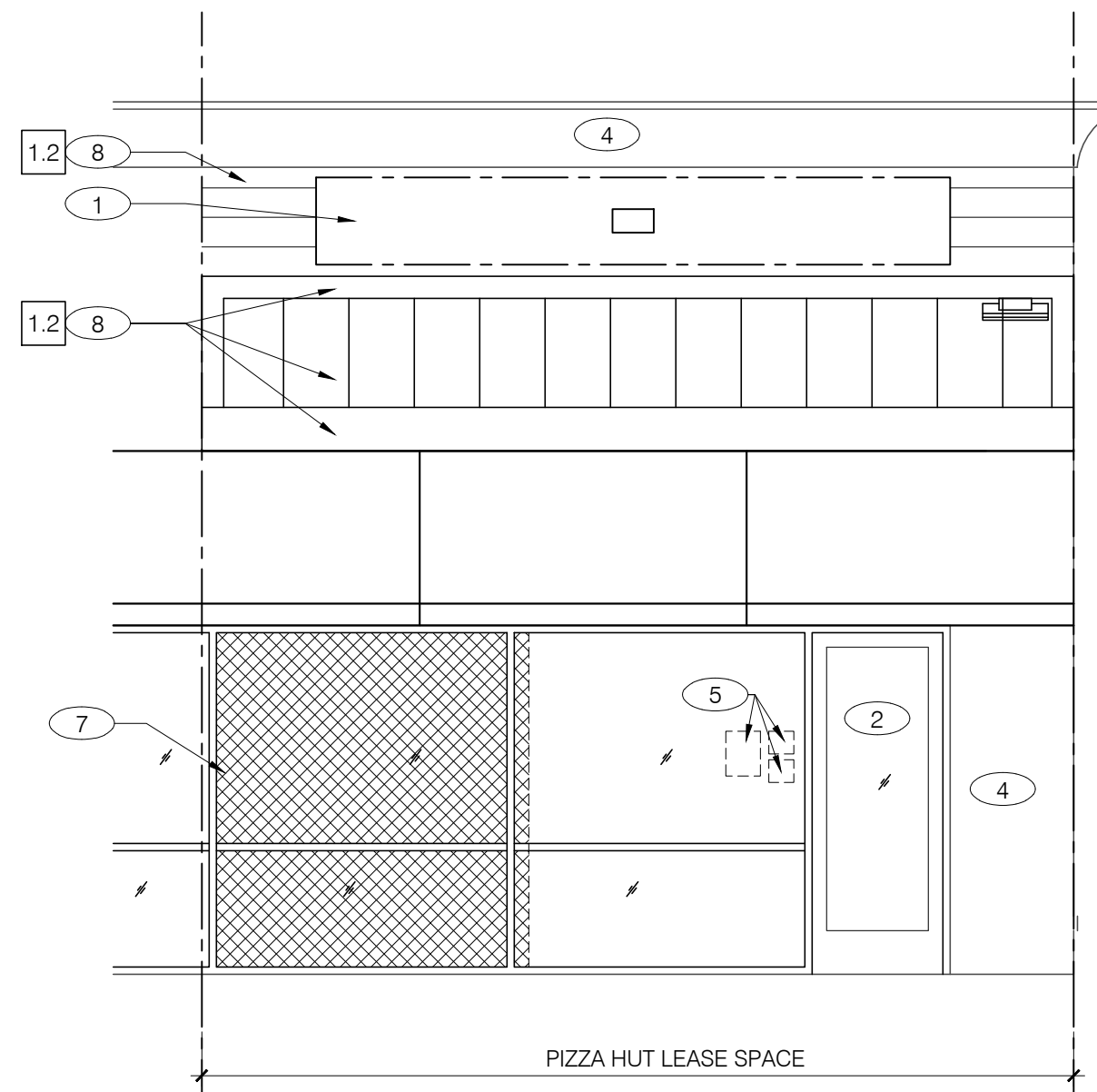
**NOT USED** **D**





1

CUSTOMER 3/8"=1'-0"



EXISTING STORE FRONT

FRONT ELEVATION 1/4"=1'-0" C

SYMBOL	MANUFACTURER	COLOR	REMARKS
0.1	VENDOR SUPPLIED RED THREAD		AWNEX TREY HERNDON 770-704-7140x113
1.2	UFP SIDING	TWO-TONE BRAND SIDING	GC TO ORDER FROM UFP: 254-580-2846
2.3	SHERWIN WILLIAMS	TRICORN BLACK #SW6528	
3.2	DURO-GUARD	CLEAR ANODIZED	PARAPET CAP & GUTTERS

EXTERIOR FINISH SCHEDULE B

- PH ILLUMINATED SIGN SUPPLIED AND INSTALLED BY A PH APPROVED VENDOR. VENDOR SHALL OBTAIN SIGNAGE PERMIT. G.C. SHALL PROVIDE POWER TO THE SIGN. COORDINATE LOCATION AND POWER REQUIREMENTS WITH SIGN VENDOR.
  - DOOR TO REMAIN. REFER TO DOOR SCHEDULE, ON A1.0 FOR HARDWARE.
  - STOREFRONT TO REMAIN.
  - EXISTING BUILDING.
  - STREET NUMBERS, STORE HOURS, SECURITY DETAILS-PROVIDED AND INSTALLED BY BIG IMAGE GRAPHICS, SEE G/A4.0.
  - VINYL WINDOW GRAPHIC SHOWN AS HATCHED. WHEN 3.1 IS NOT USED. REFER TO ITEM (J) ON DECOR PACKAGE, A2.0.
  - DRIVE-THRU WINDOW TO REMAIN.
  - NEW MATERIAL ATTACHED TO EXISTING FACE OF BUILDING CONTACT VENDOR FOR DETAILS
  - EDGE OF S.S. PANEL BEHIND HOOD.
  - TEMPERATURE SENSOR @ 66" A.F.F., SEE M1.0.
  - JOB AIDS LOCATED ON WALL BEYOND.
  - BUMP BAR LOCATION
- \* FOR ANY MANDATED DEVIATIONS REFER TO THE DELCO LITE DESIGN STANDARDS BOOK ON ONE STOP SHOP

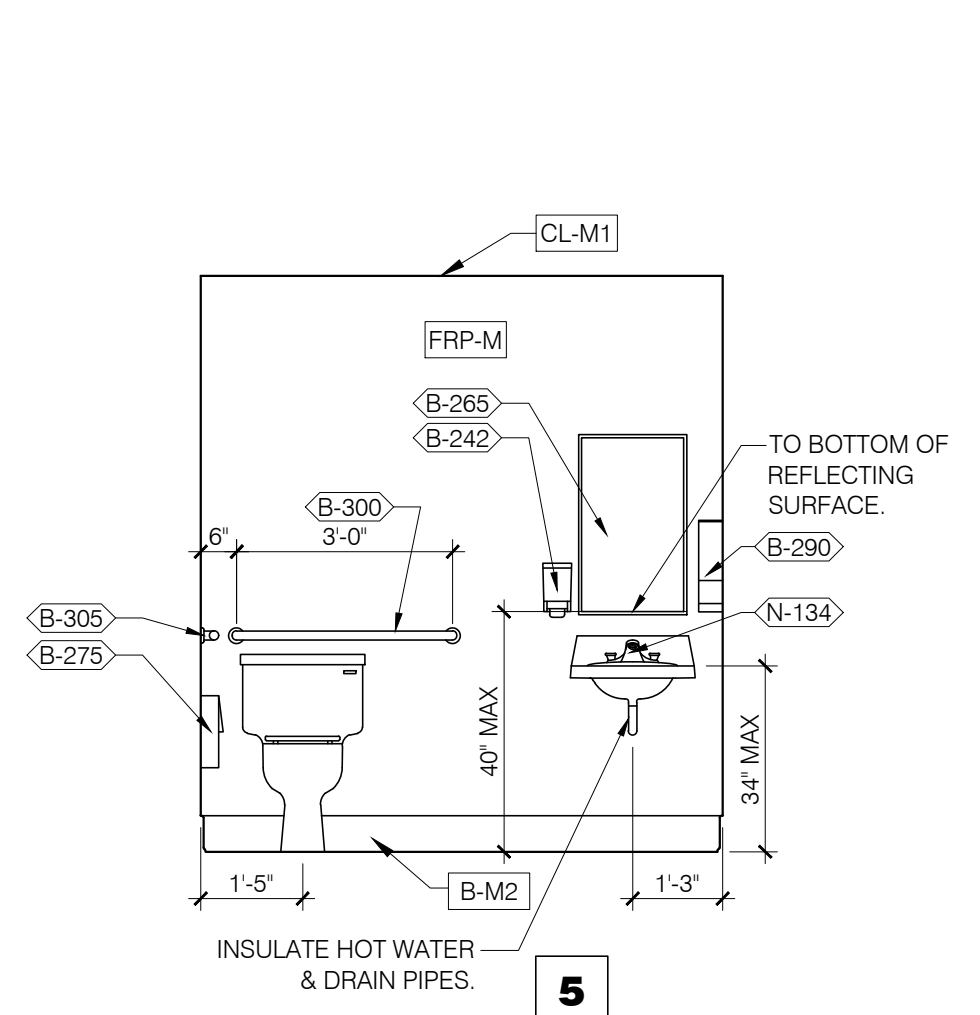
KEY NOTES - ELEVATIONS 1/4"=1'-0" A

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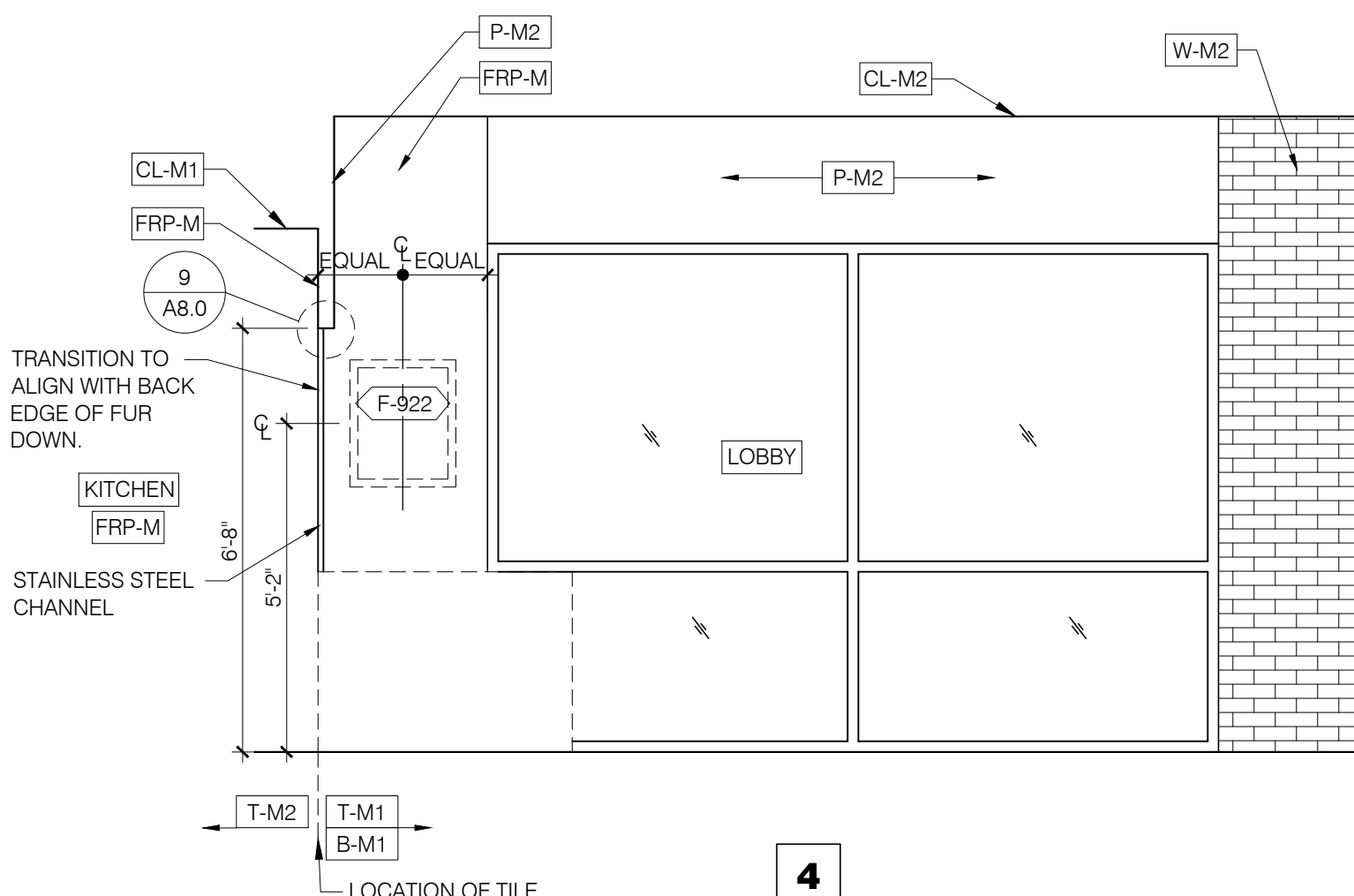
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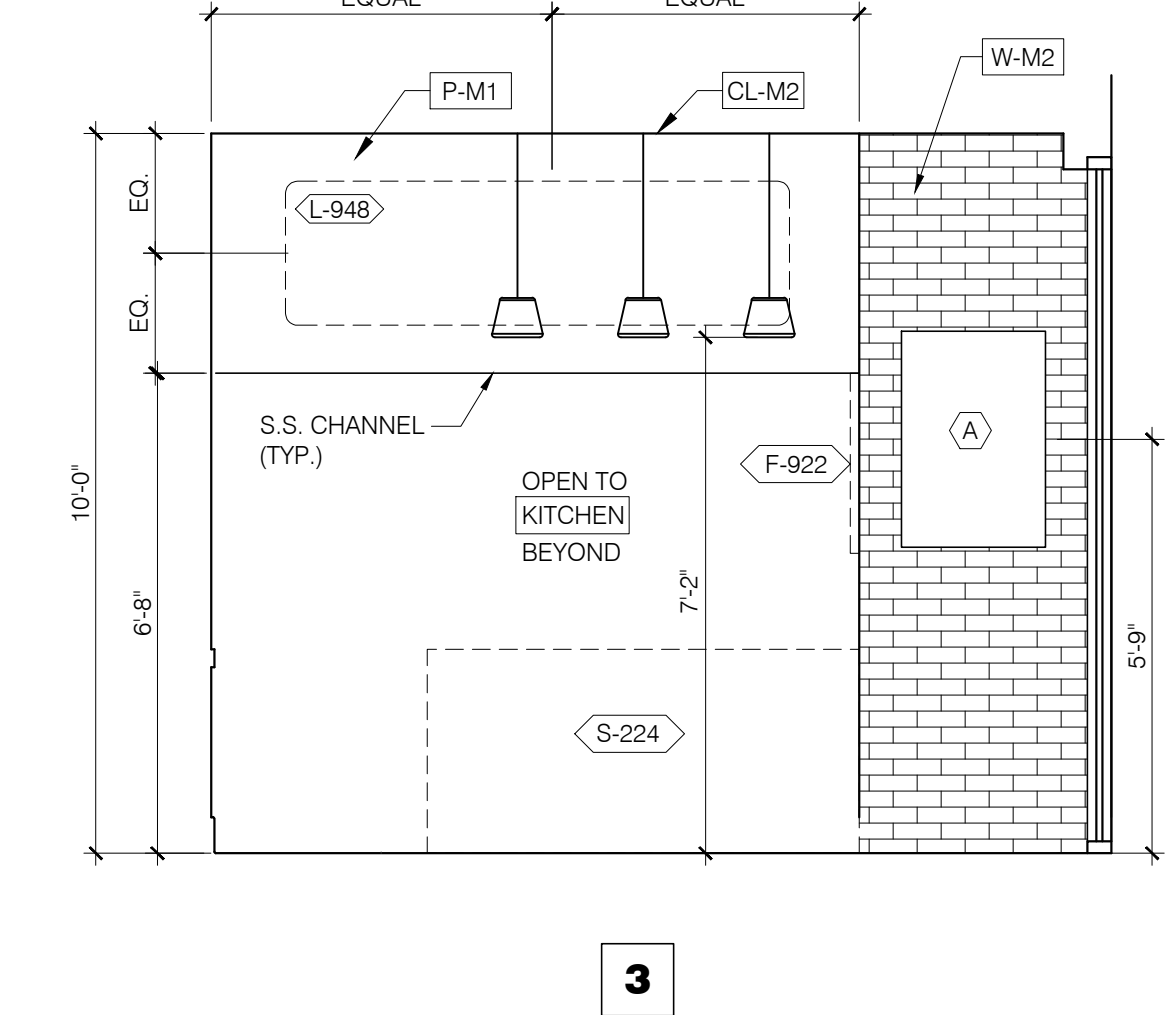
06-16-20



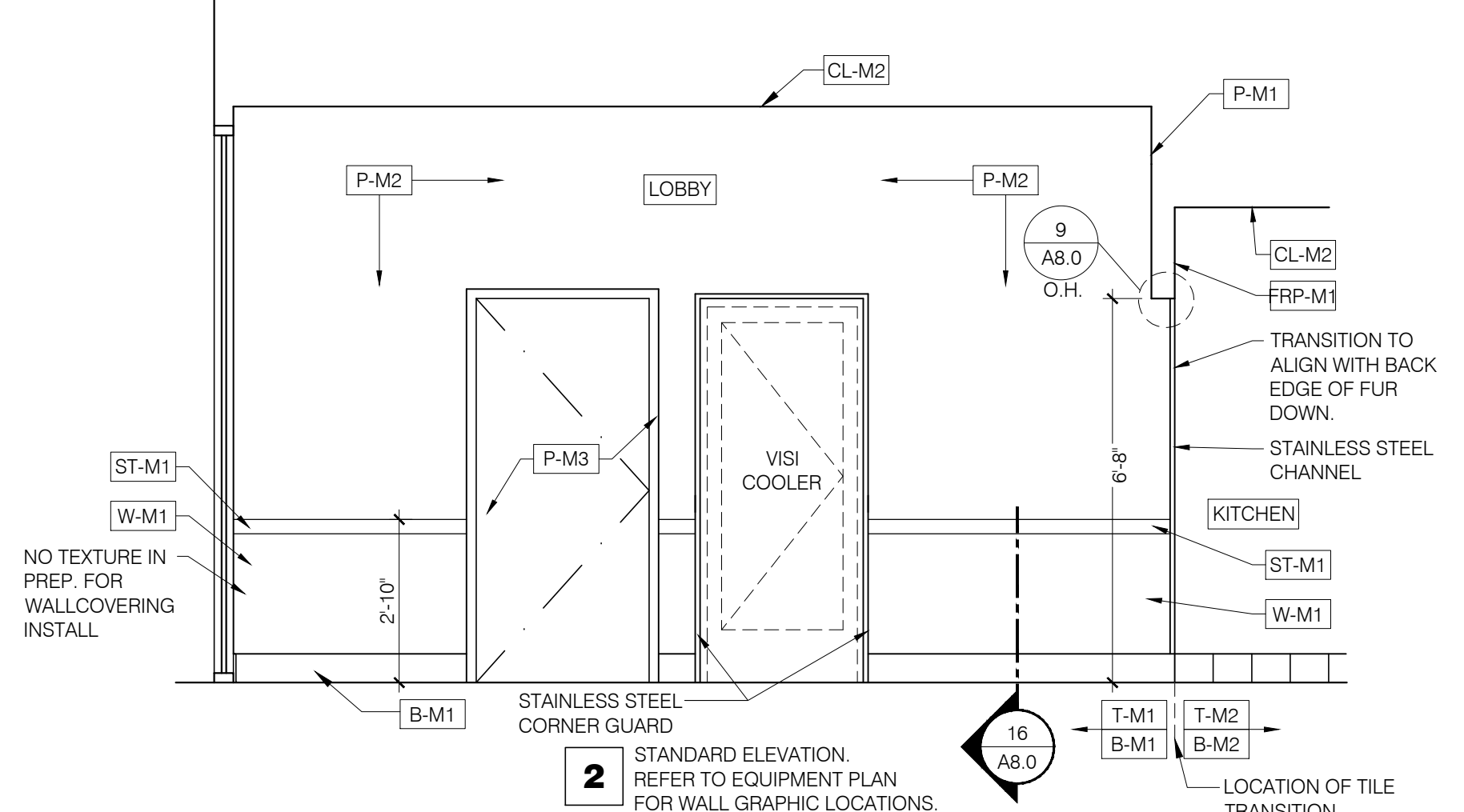
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4

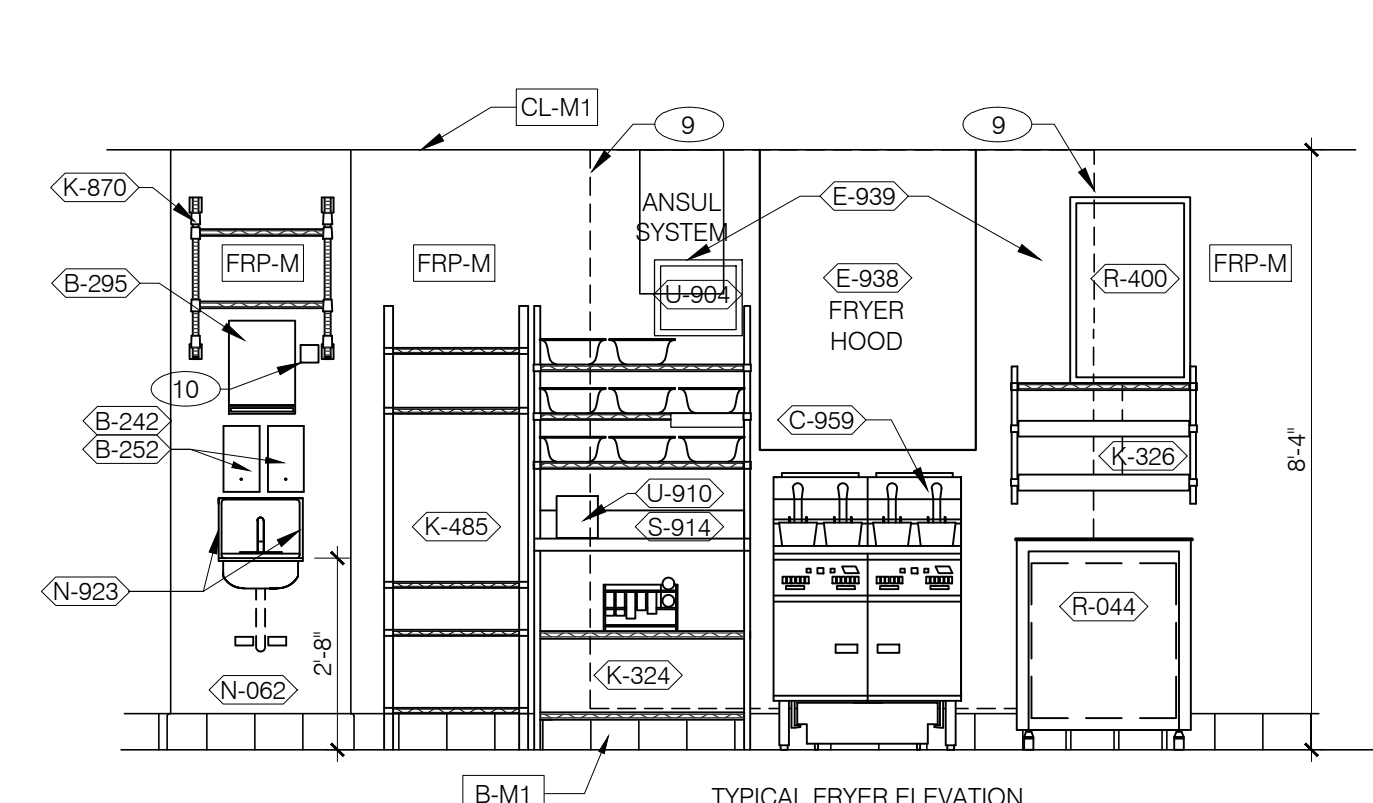


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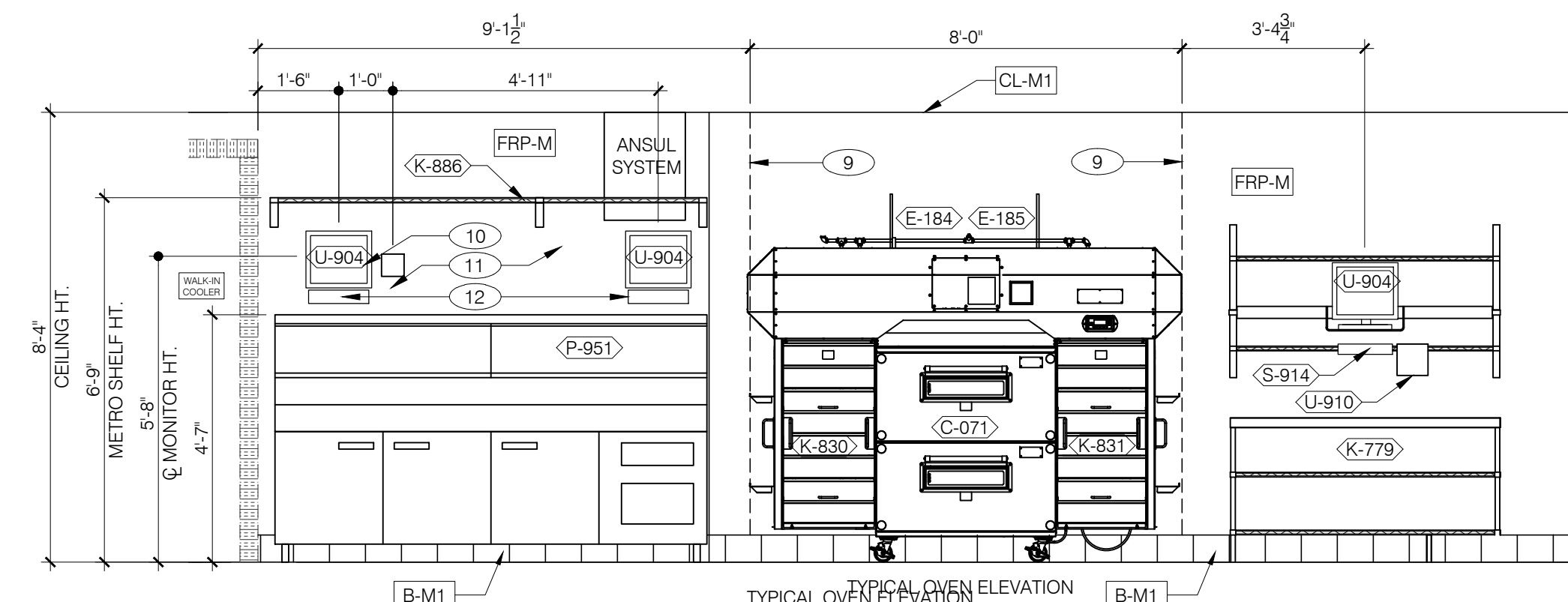
2

CUSTOMER 3/8"=1'-0"



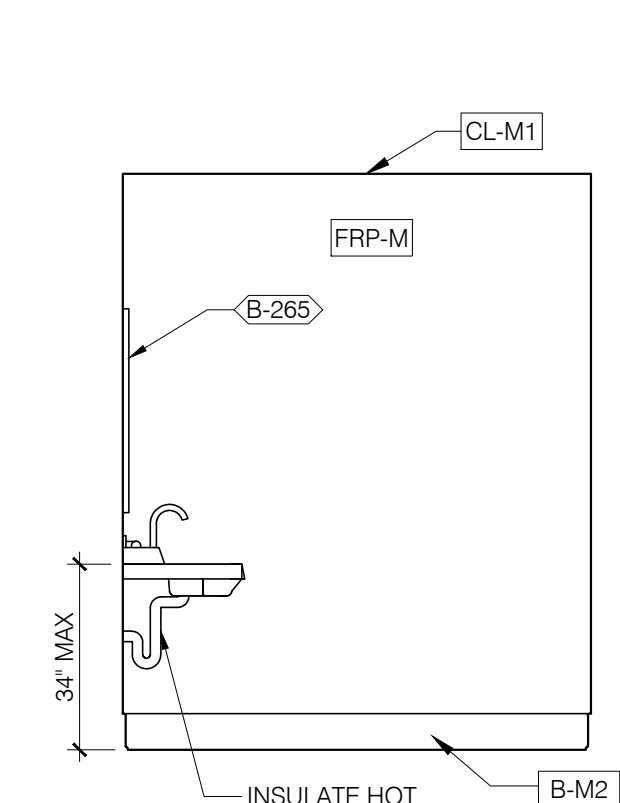
TYPICAL FRYER ELEVATION

10 STANDARD ELEVATION. REFER TO EQUIPMENT PLAN FOR ACTUAL LOCATIONS & ORIENTATION.

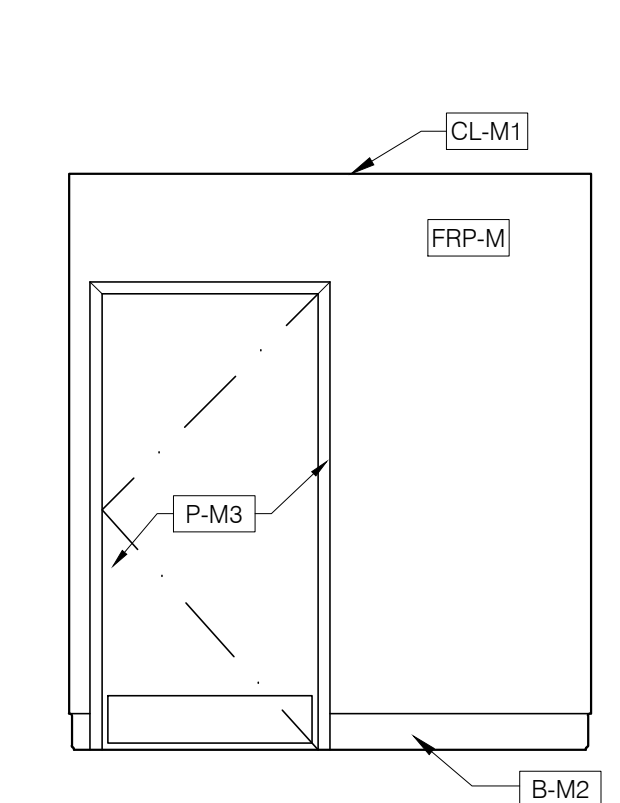


TYPICAL OVEN ELEVATION

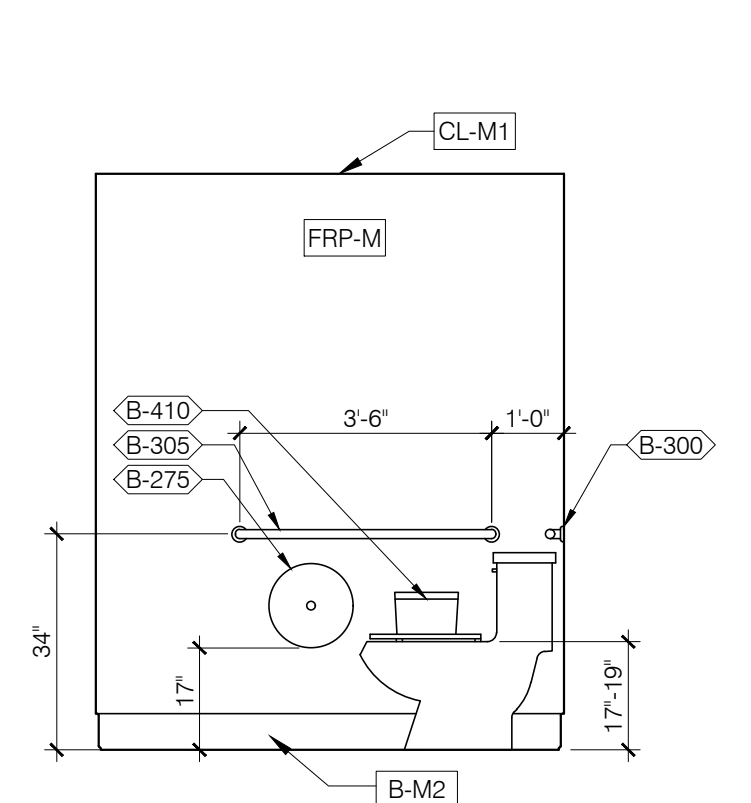
9 STANDARD ELEVATION. REFER TO EQUIPMENT PLAN FOR ACTUAL LOCATIONS & ORIENTATION.



8



7



6

CUSTOMER 3/8"=1'-0"

CUSTOMER 3/8"=1'-0"

CONTRACT DATE: 03.05.20  
BUILDING TYPE: DELCO LITE  
PLAN VERSION: 01.29.16  
SITE NUMBER: xxxxx  
STORE NUMBER: xxxxx

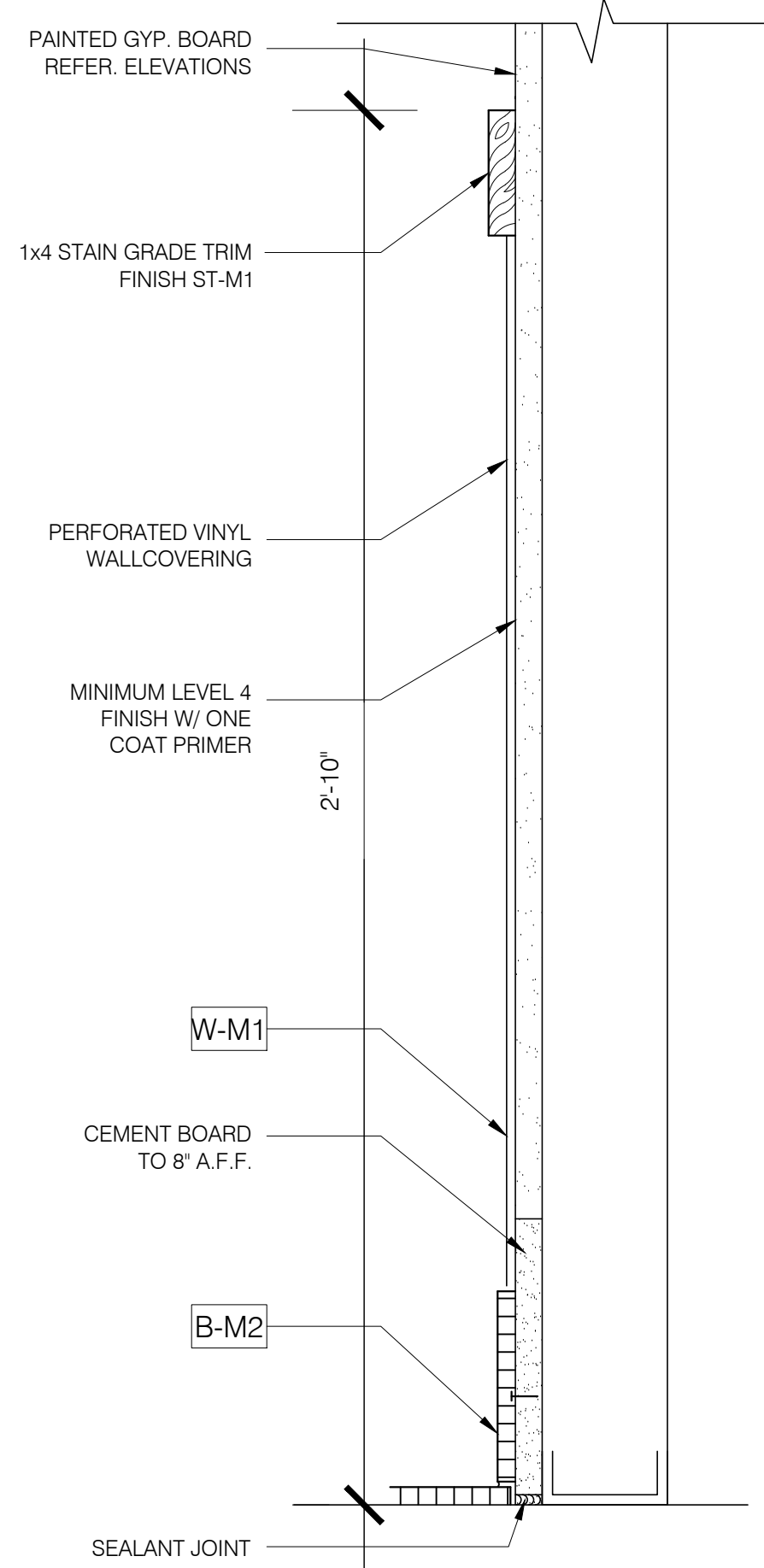
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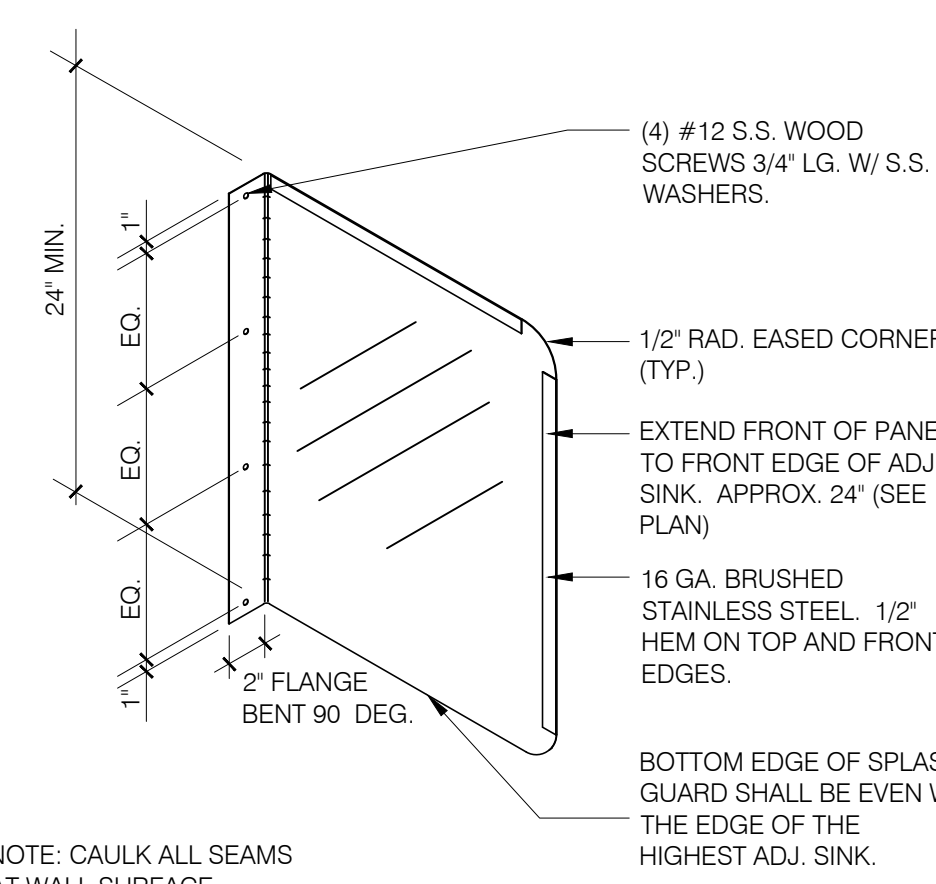
BUILDING ELEVATIONS

A4.0

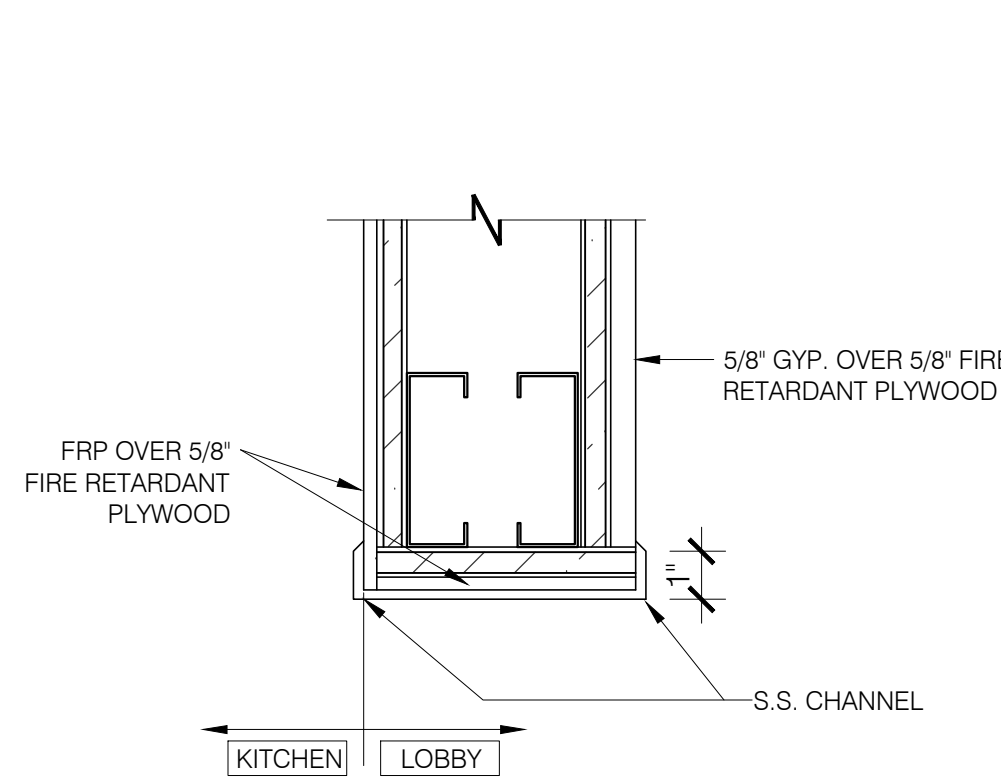
PLOT DATE: 06/03/20



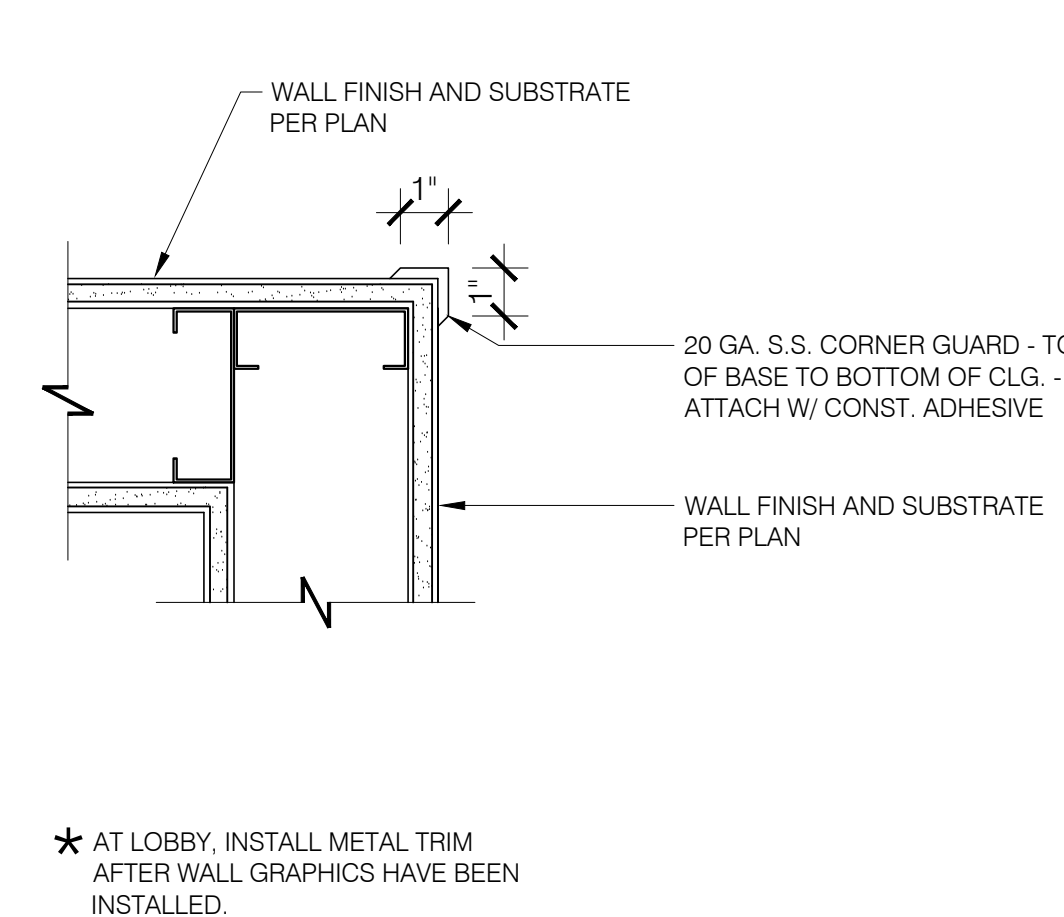
**WAINSCOT SECTION** N.T.S. **16**



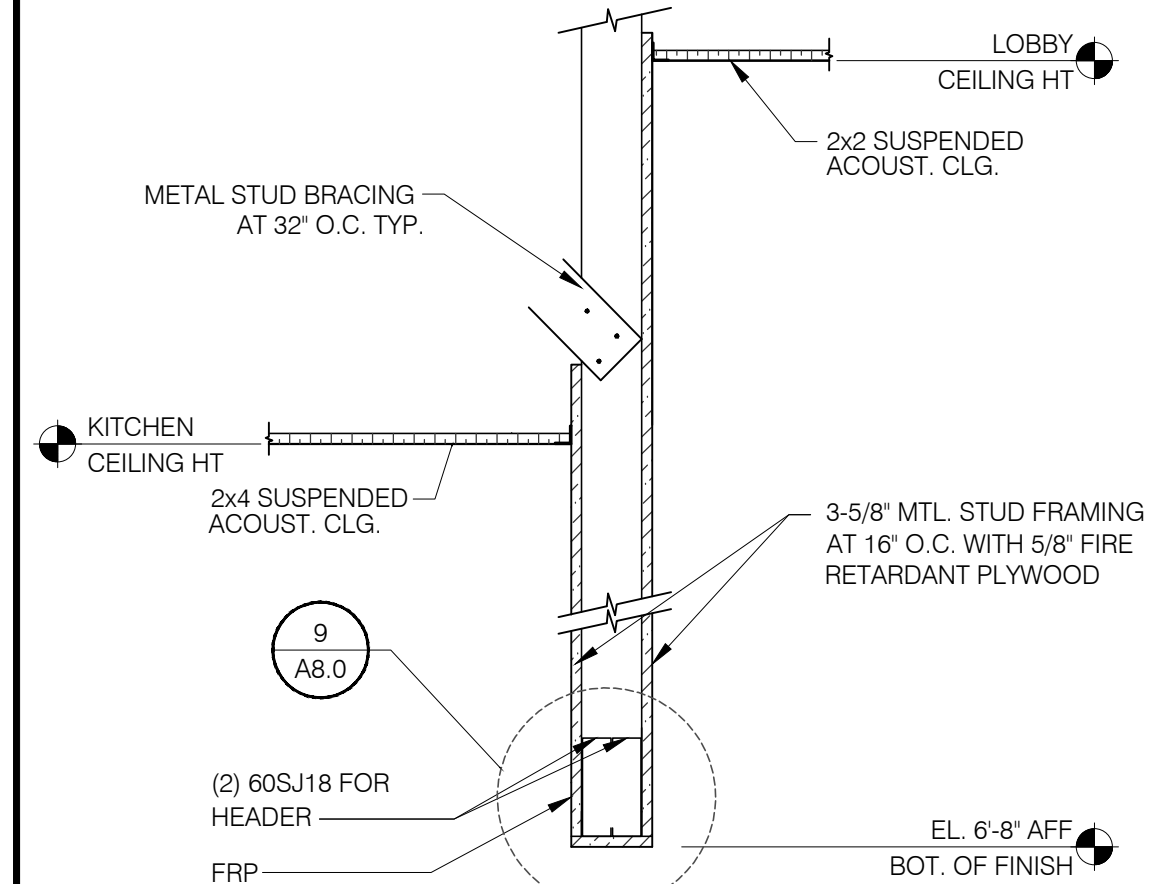
**SPLASH GUARD** N.T.S. **13**



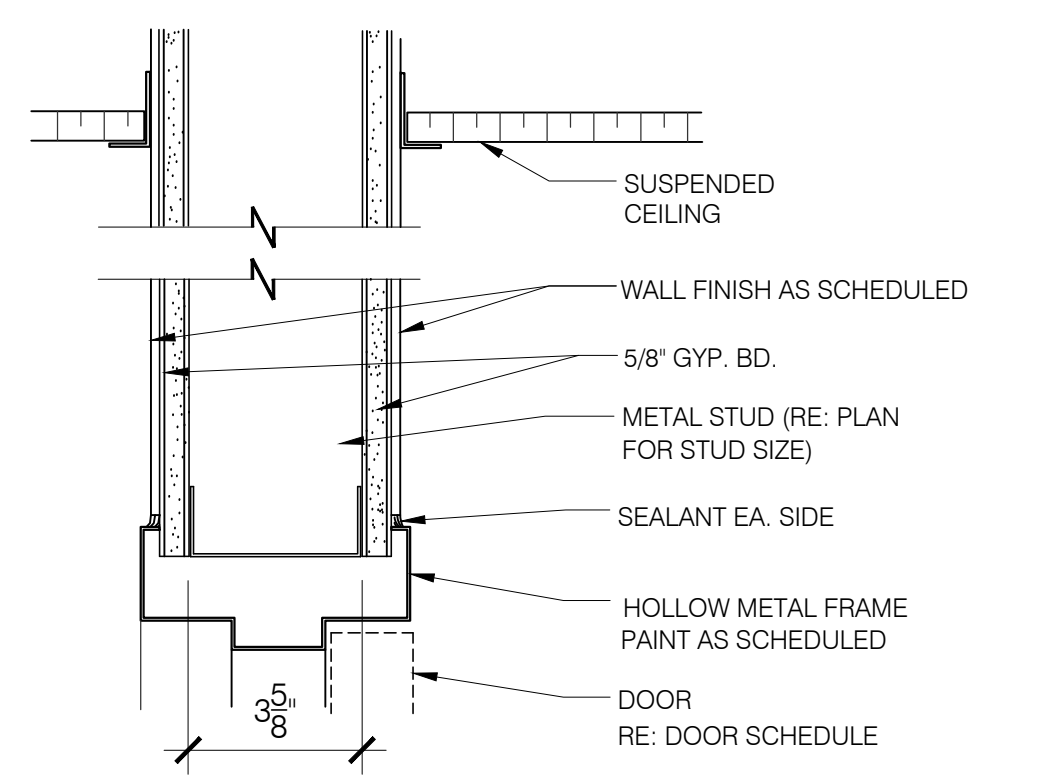
**FUR DOWN DETAIL** 3" = 1'-0" **9**



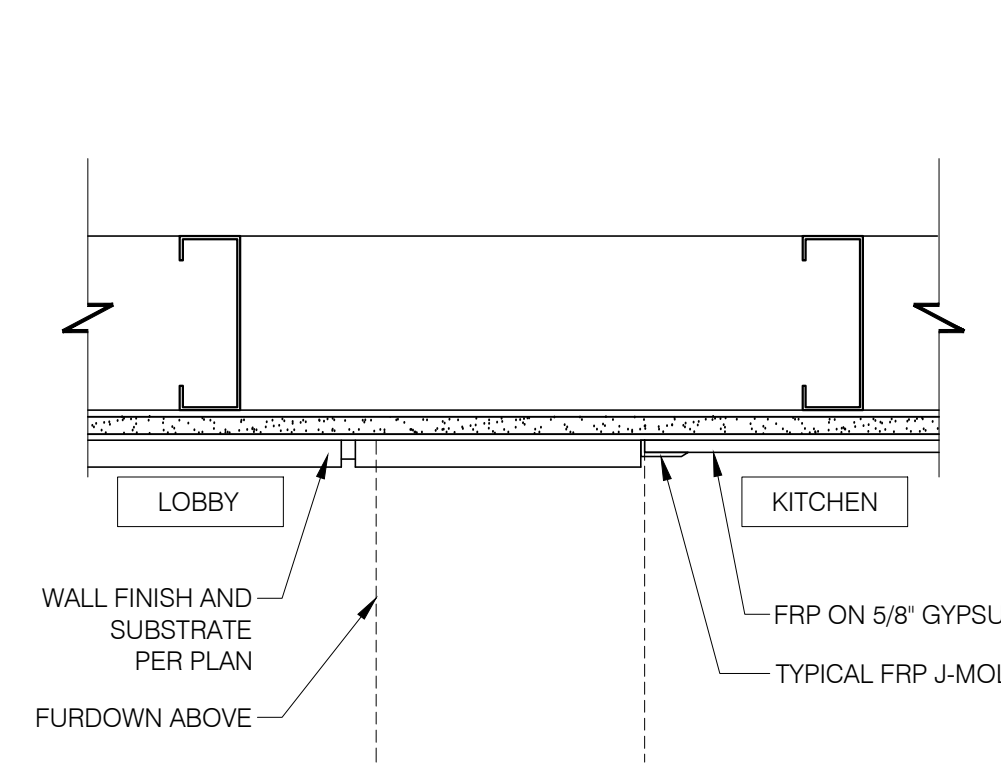
**CORNER GUARD** 3" = 1'-0" **5**



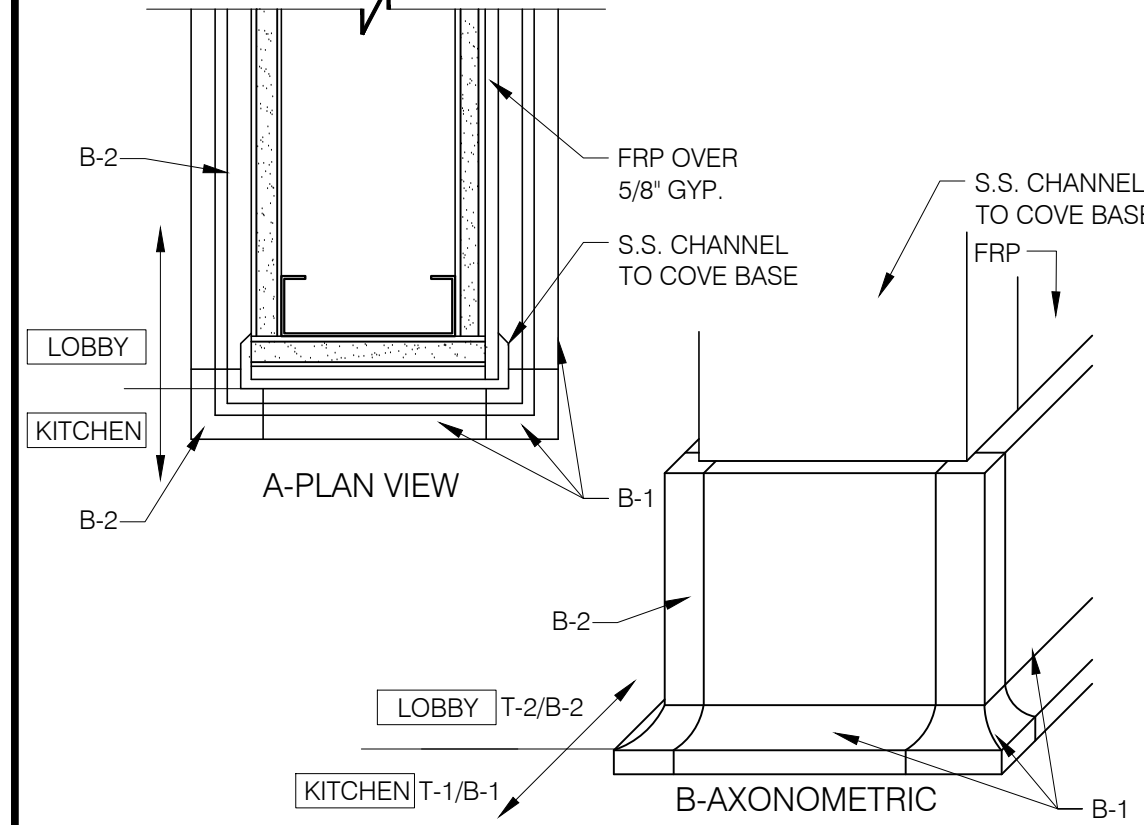
**FUR DOWN SECTION** 1" = 1'-0" **1**



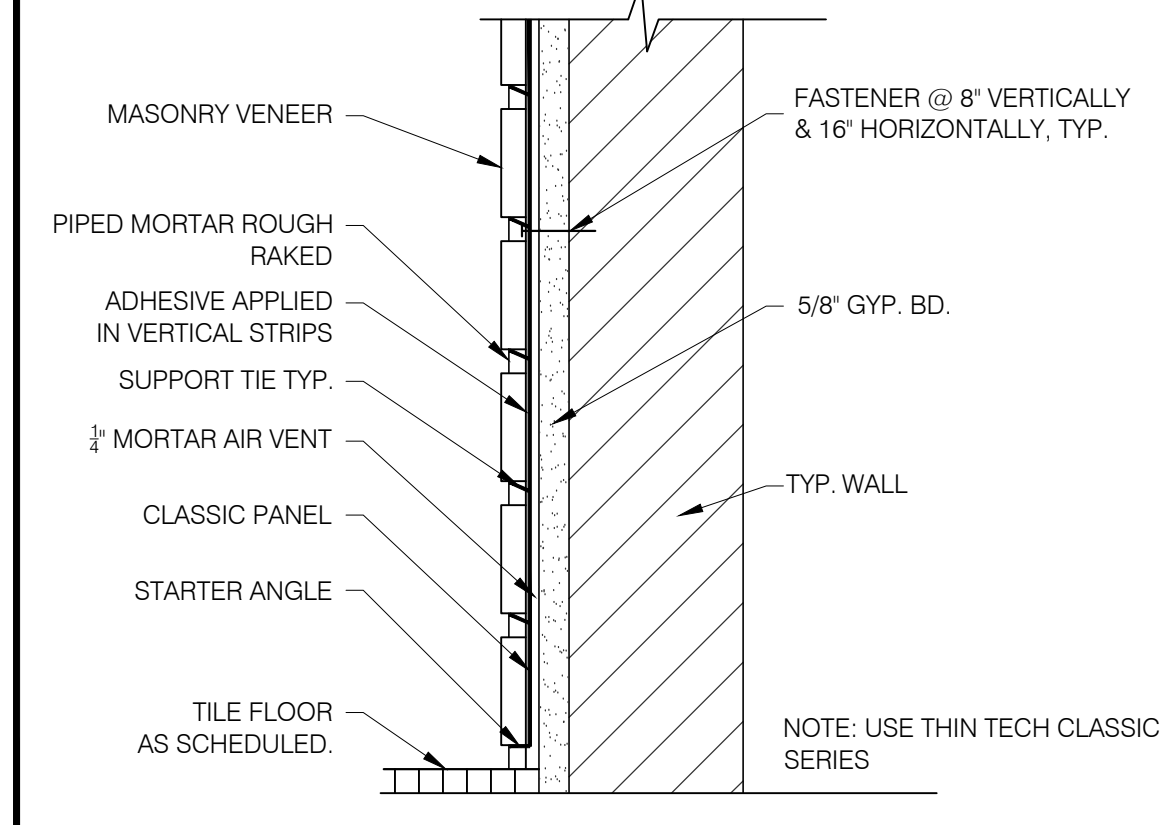
**TYP. INT. DOOR HEAD (JAMB SIM.)** 3" = 1'-0" **14**



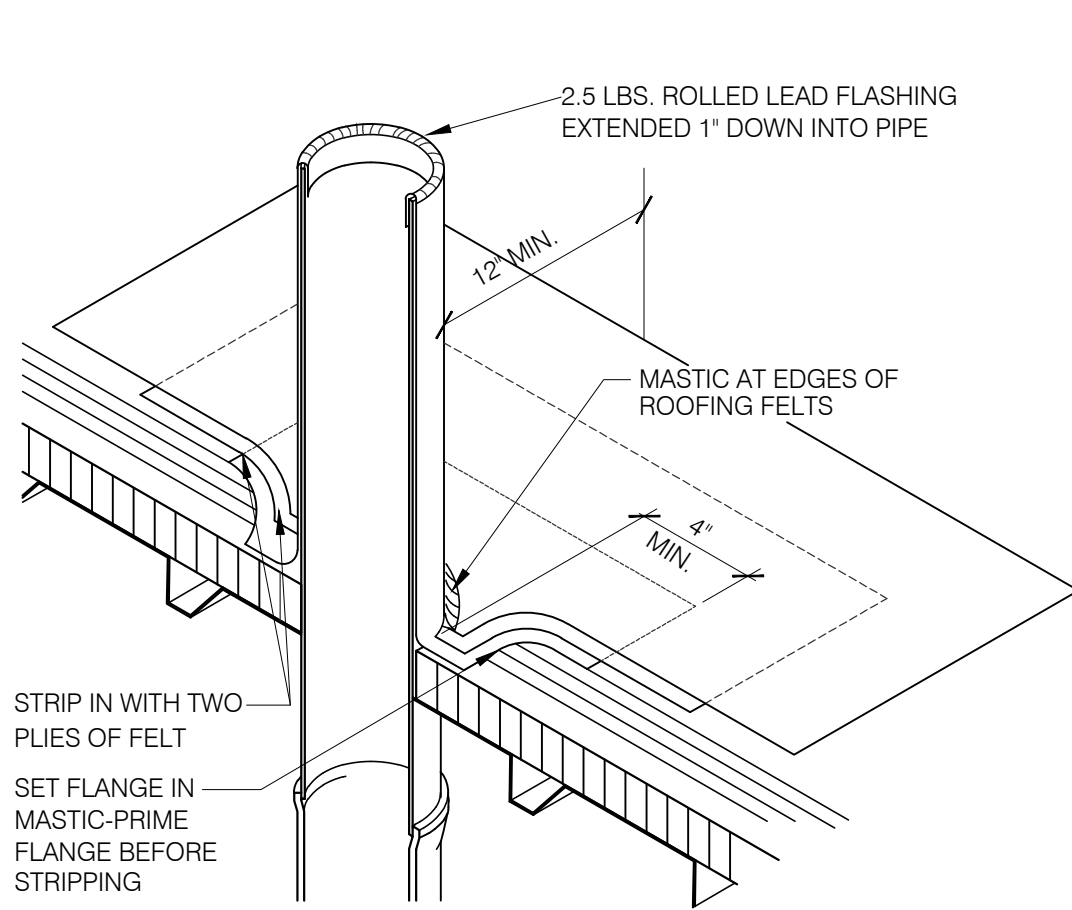
**WALL FINISH TRANSITION** 1/2" = 1'-0" **10**



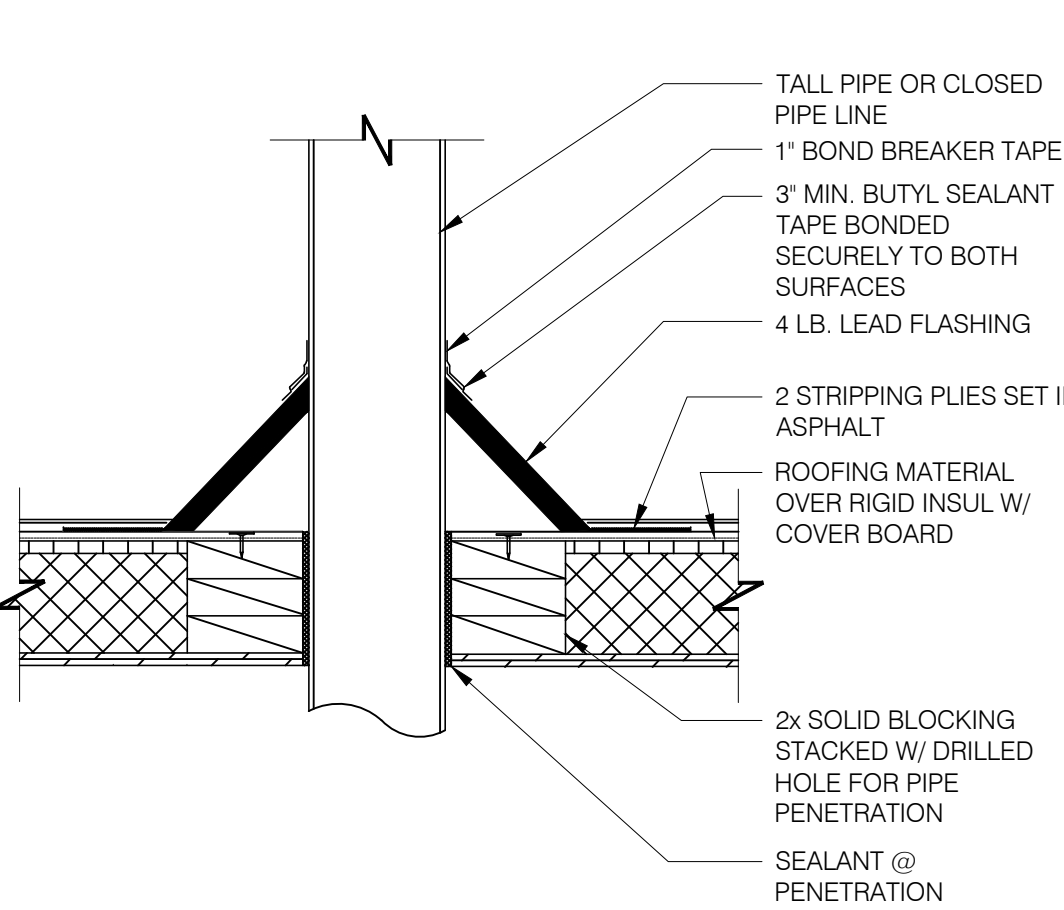
**TILE BASE TRANSITION** 3" = 1'-0" **6**



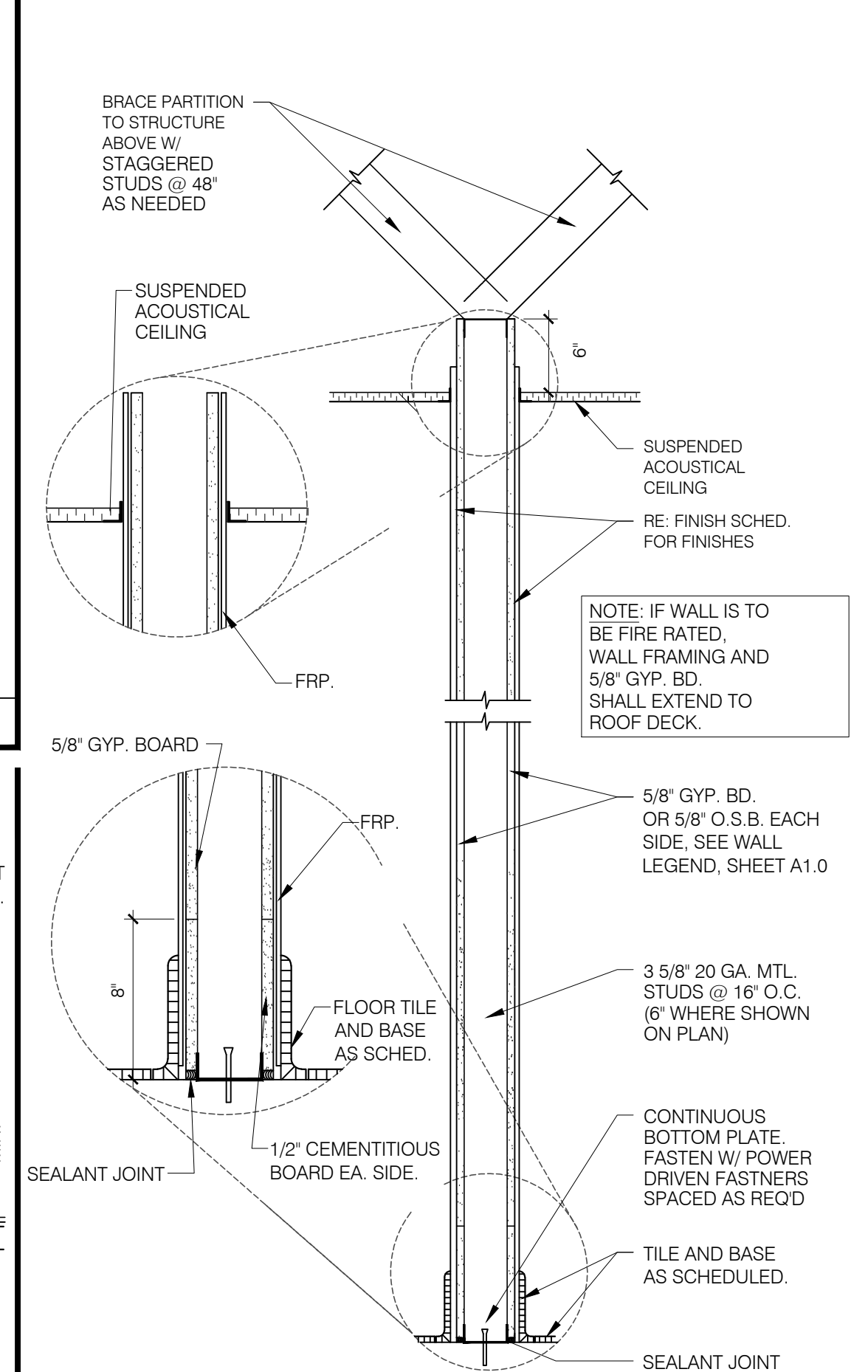
**TYP. THIN BRICK WALL SECTION** 3" = 1'-0" **2**



**VENT/PIPE FLASHING DETAIL** N.T.S. **11**



**SEALED PIPE FLASHING** N.T.S. **7**



**NEW PARTITION SECTION** 1" = 1'-0" **4**

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TDG #: 200-147



06-16-20

6.15.2020

DATE	DESCRIPTION

CONTRACT DATE:	03.05.20
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXX
STORE NUMBER:	XXXX

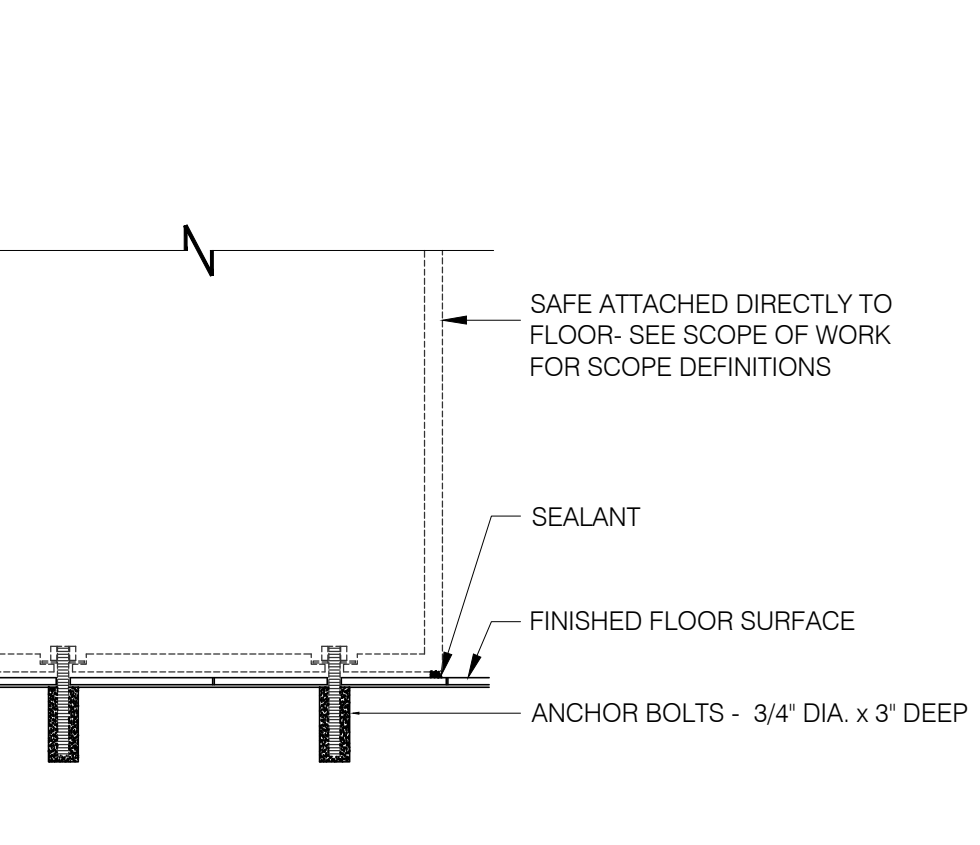
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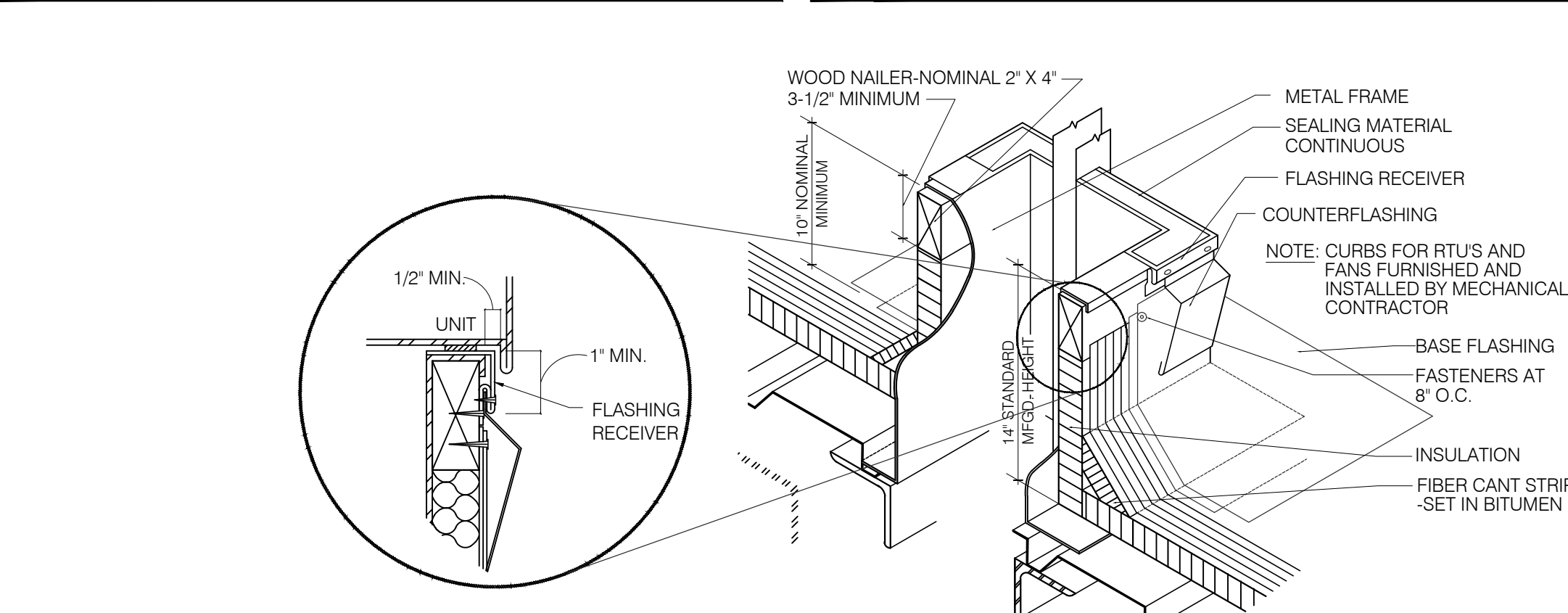
**CONSTRUCTION DETAILS**

**A8.0**

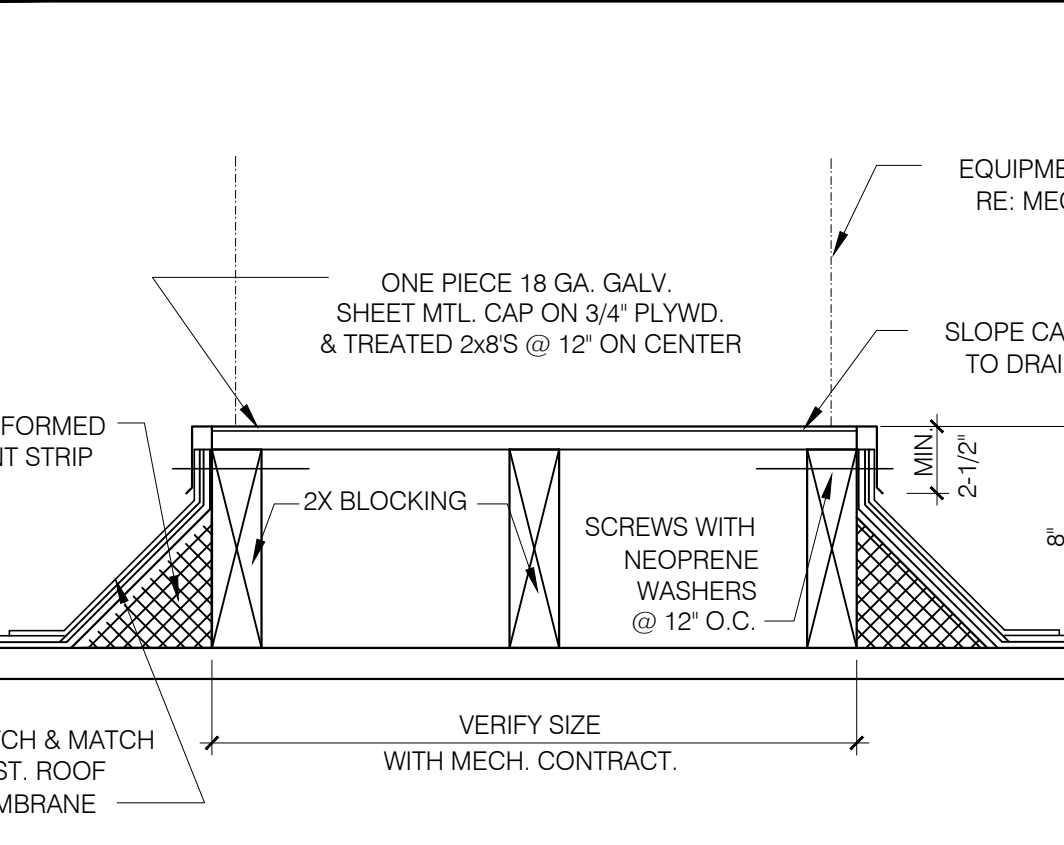
PLOT DATE: 06/03/20



**SAFE PEDESTAL** N.T.S. **18**



**TYPICAL ROOF EQUIPMENT CURB DETAIL** N.T.S. **12**



**TYPICAL ROOF PLATFORM** N.T.S. **8**



Cut Table & Quality Station Configuration for Nesting Boxes

**FREE STANDING QUALITY STATION (K-941) 14**



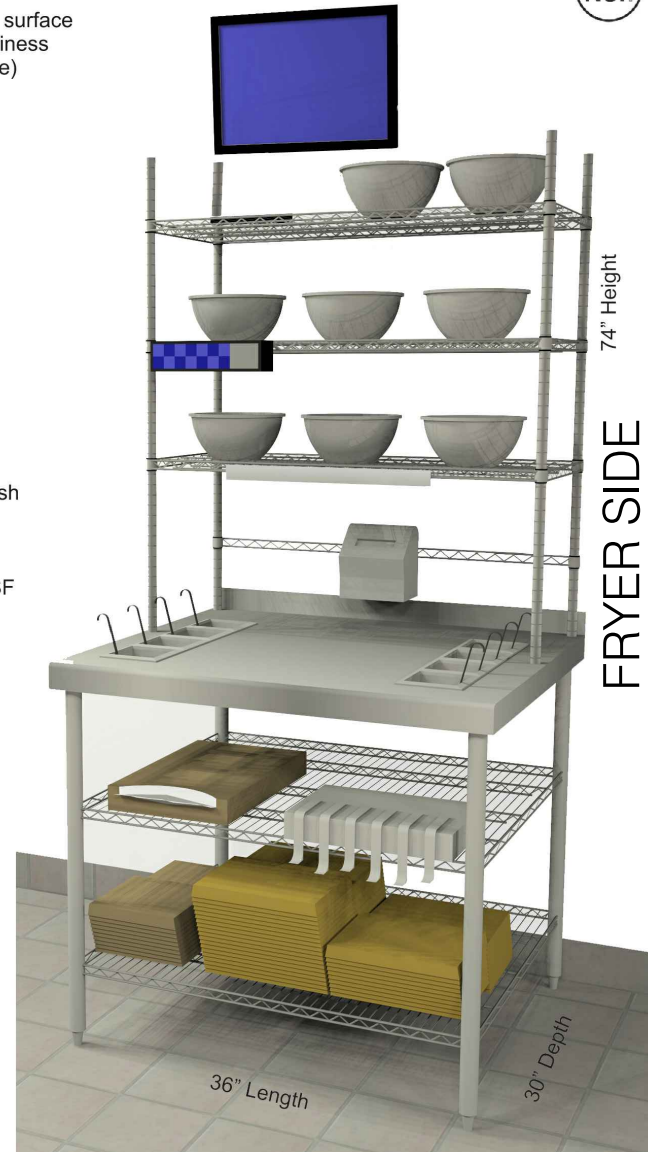
**PREP. STATION CONFIGURATION (K-941) 11**

- Components:**
- Stainless Steel Top
  - Type 304, food grade stainless steel work surface
  - Backsplash in front of back post for cleanliness
  - Cut outs for (8) Sauce Containers (1/6 size) (Containers not included)
  - Stainless Steel Upper Shelves
  - Type 304, food grade stainless steel
  - Raised edges to contain spills
  - Hanger Rail
  - Hanger Rail for Printer Hanger
  - Under Shelves
  - Open Wire design for air flow and light penetration
  - Label/Foil/Dipping Cups Dispenser hooks onto the shelf

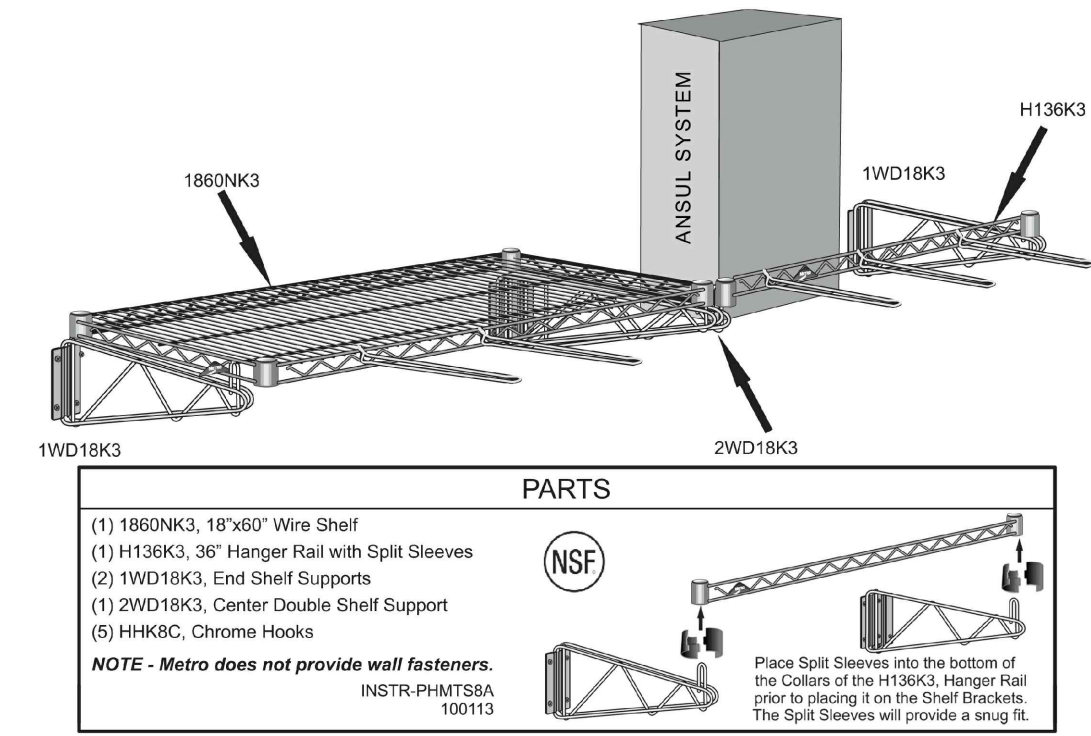
- Finish:**
- Components expect for the stainless steel items are Metroseal III with Microban.
  - Microban deters the growth of mold and bacteria and provides easy to clean finish

**NSF:**  
All components are manufactured per the NSF specifications and are NSF listed.

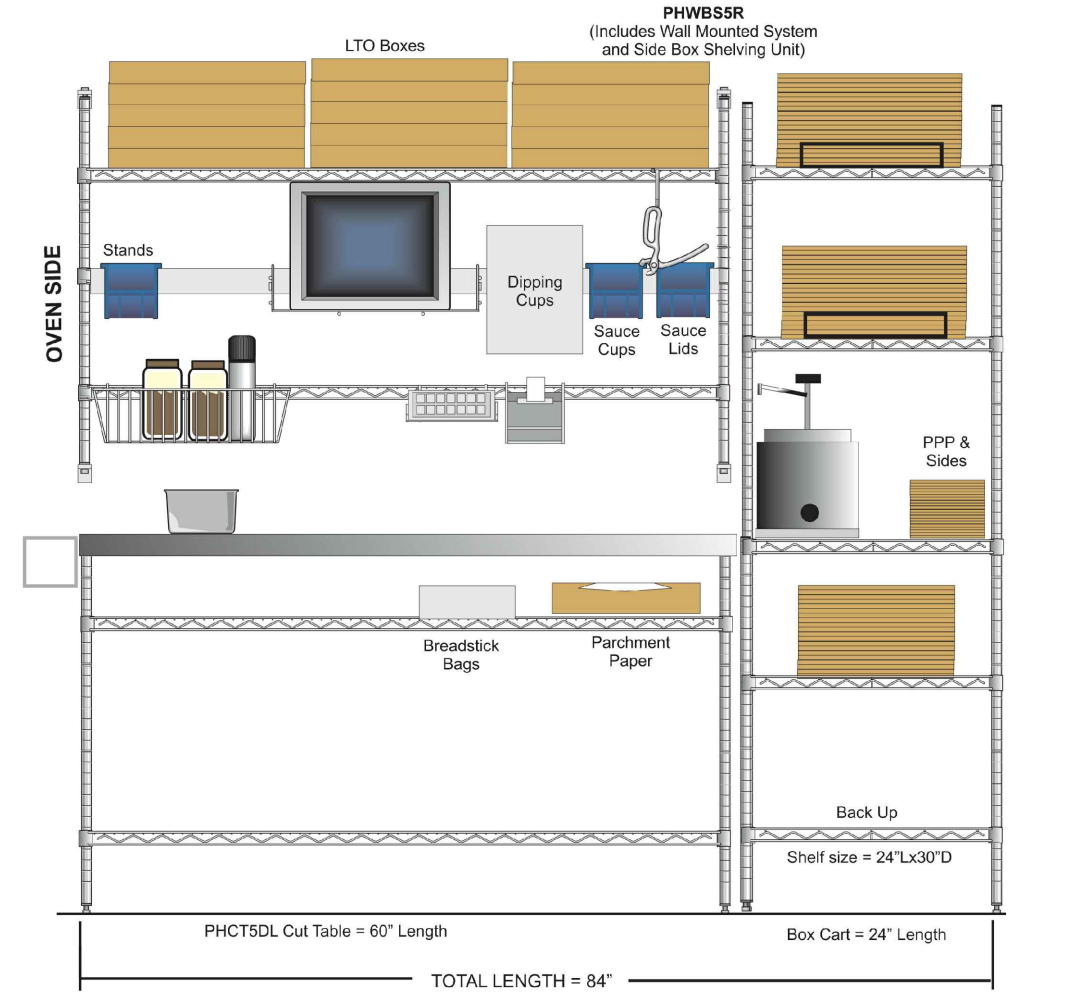
- PARTS:**
- (2) 74PK3, 74" Back Posts
  - (2) 33PK3, 34" Front Posts
  - (2) CC6008, 30" Upper Posts
  - (2) 3036NK3, 30"x36" Wire Shelves
  - (3) 1436FS, 14"x36" Solid Shelves
  - (1) DD249B, Work surface
  - (1) DD249A, Work Surface Support Frame
  - (1) H136K3, Hanger Rail
  - (1) DD2671B, Printer Holder
  - (1) DD2851A, Foil & Label Holder



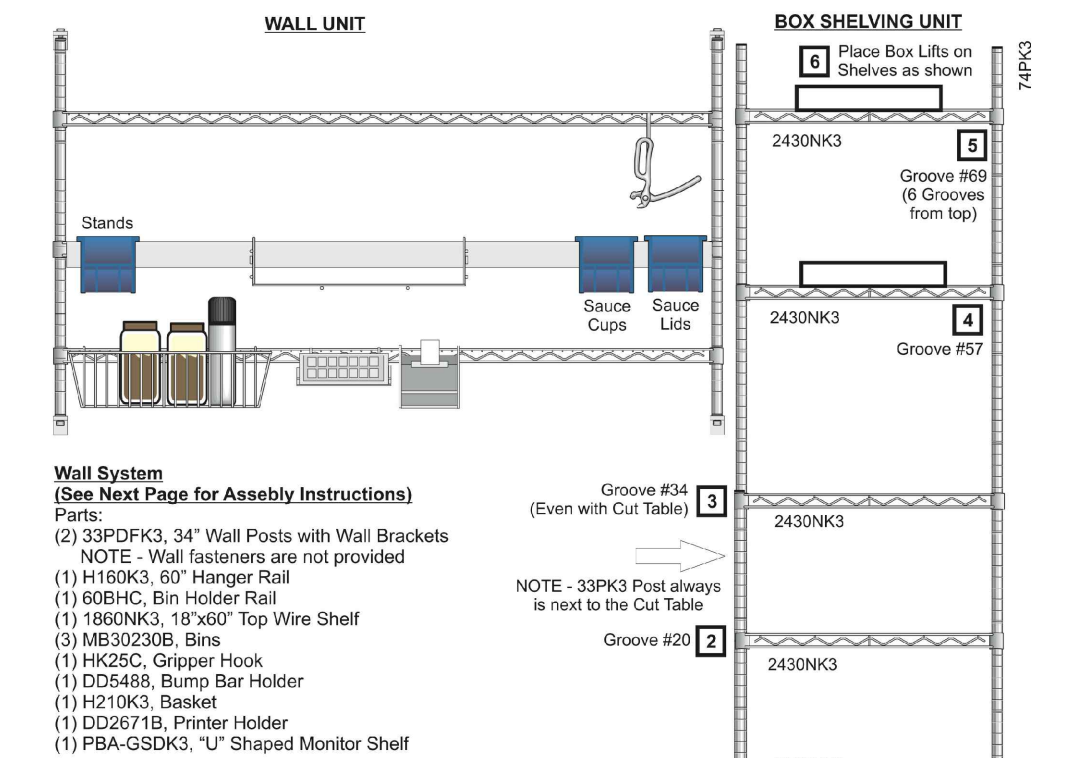
**WING STREET SAUCING STATION (K324) 8**



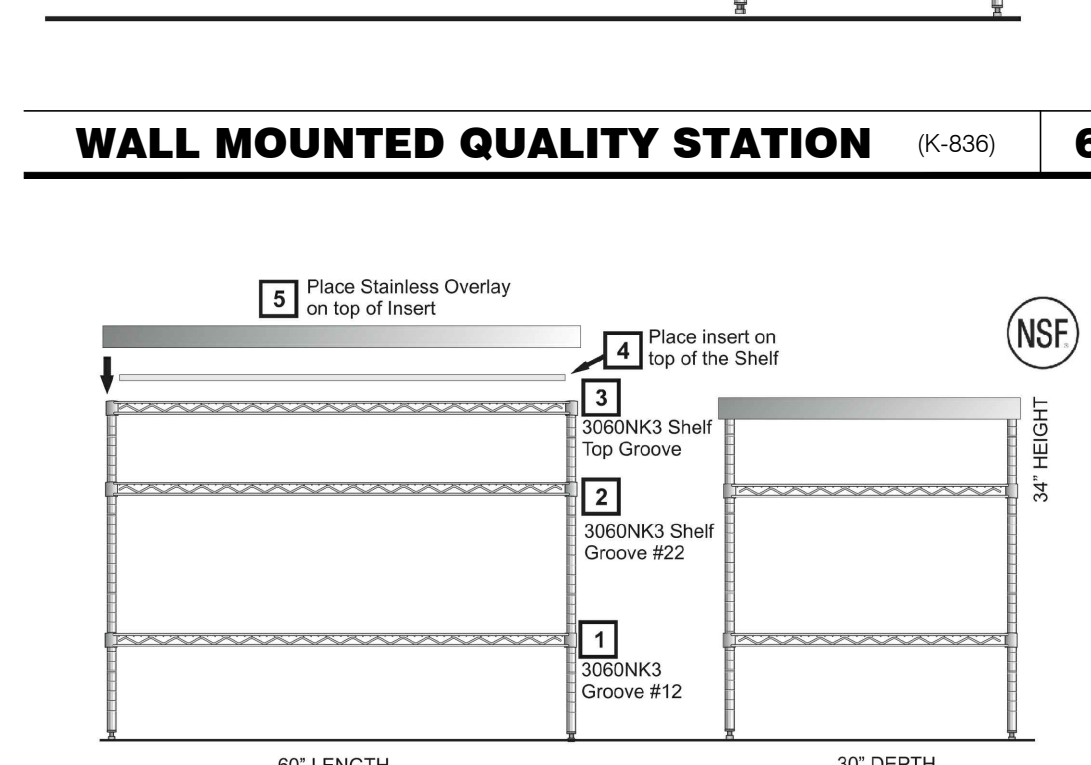
**MAKE TABLE SHELF (K-886) 4**



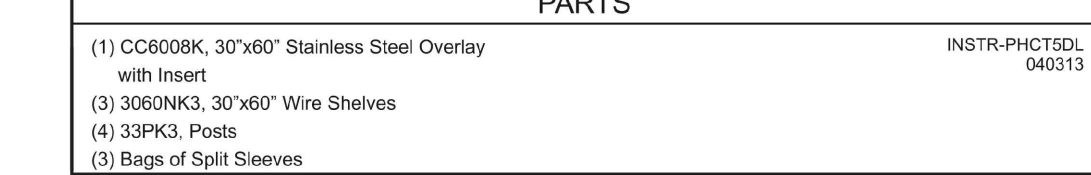
**WALL MOUNTED QUALITY STATION (K-879) 2**



**MANAGER'S STATION (K-879) 2**



**WALL MOUNTED QUALITY STATION (K-836) 6**

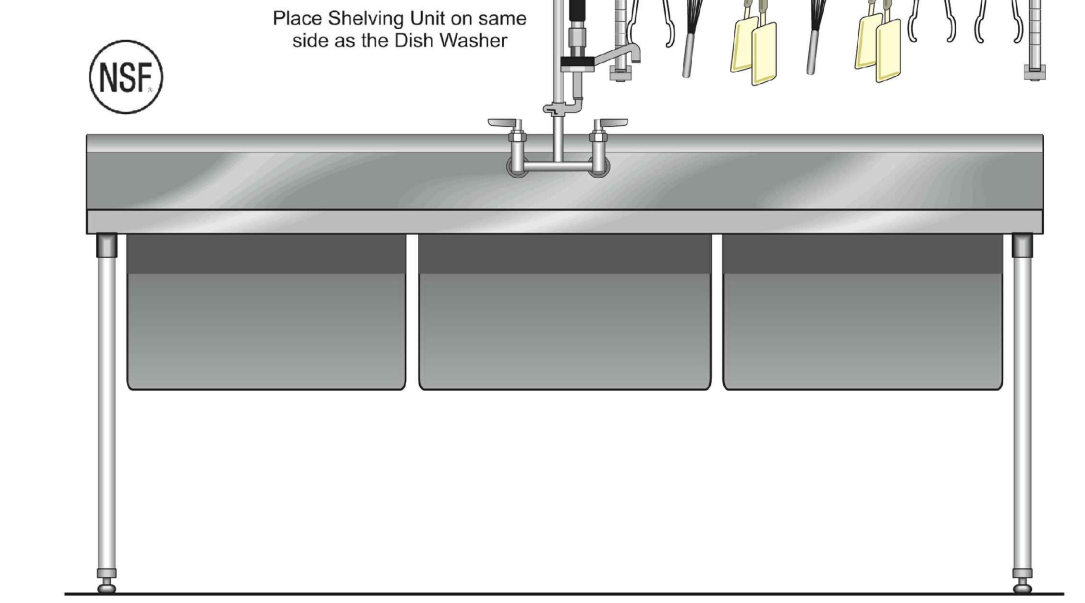


**WALL CUT TABLE ASSEMBLY (K-945) 7**

- Components:**
- Wall System allows for air drying and storage of Utensils, Lids and Containers

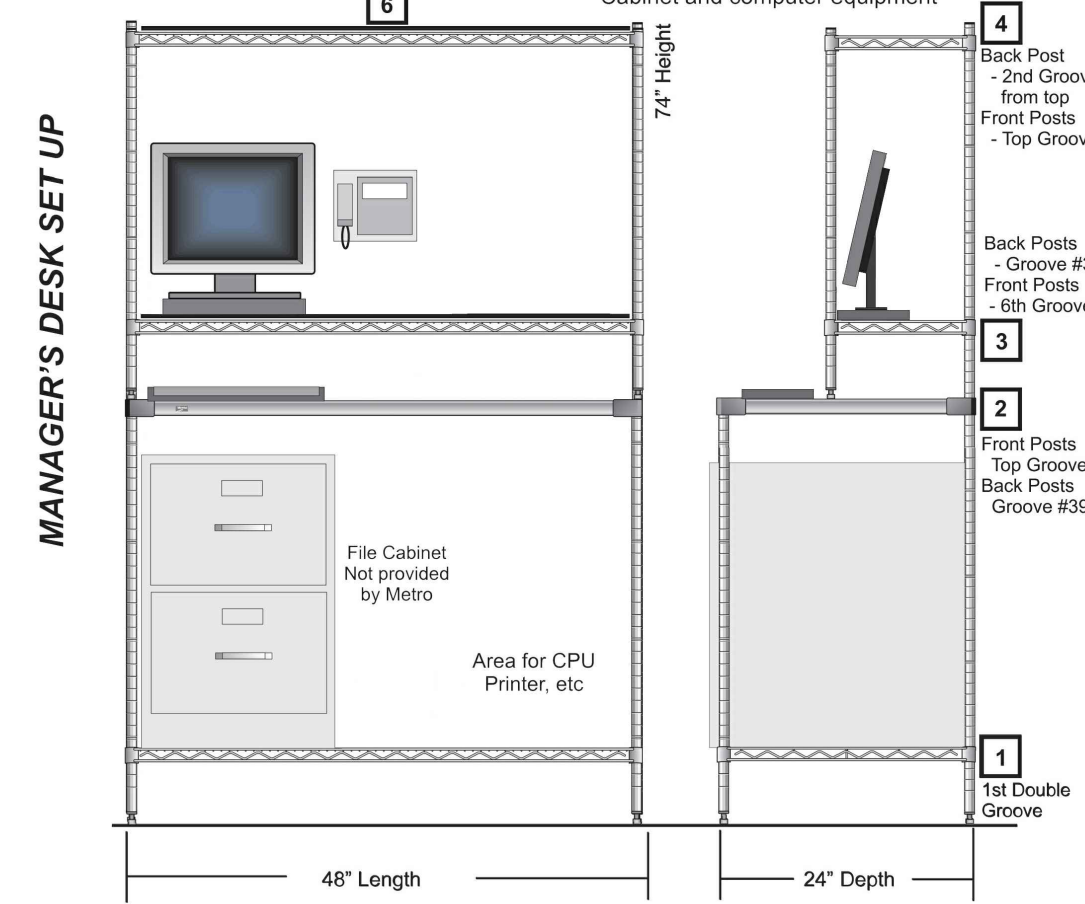
**Sanitary:** All components are finished in Metroseal III epoxy finish containing Microban. Microban deters the growth of bacteria and mold.

**NSF:**  
All components are manufactured per the NSF specifications and are NSF listed.



**SHELVING @ 3-COMP SINK (K-216) 1**

- Components:** Easy to assemble without any tools.
- Solid Shelf for the work surface
  - 18 gauge, type 304 foodservice grade stainless steel shelf
  - Wire Shelves above for storage
  - Chrome wire shelves
  - Wire shelf below to place the File Cabinet and computer equipment

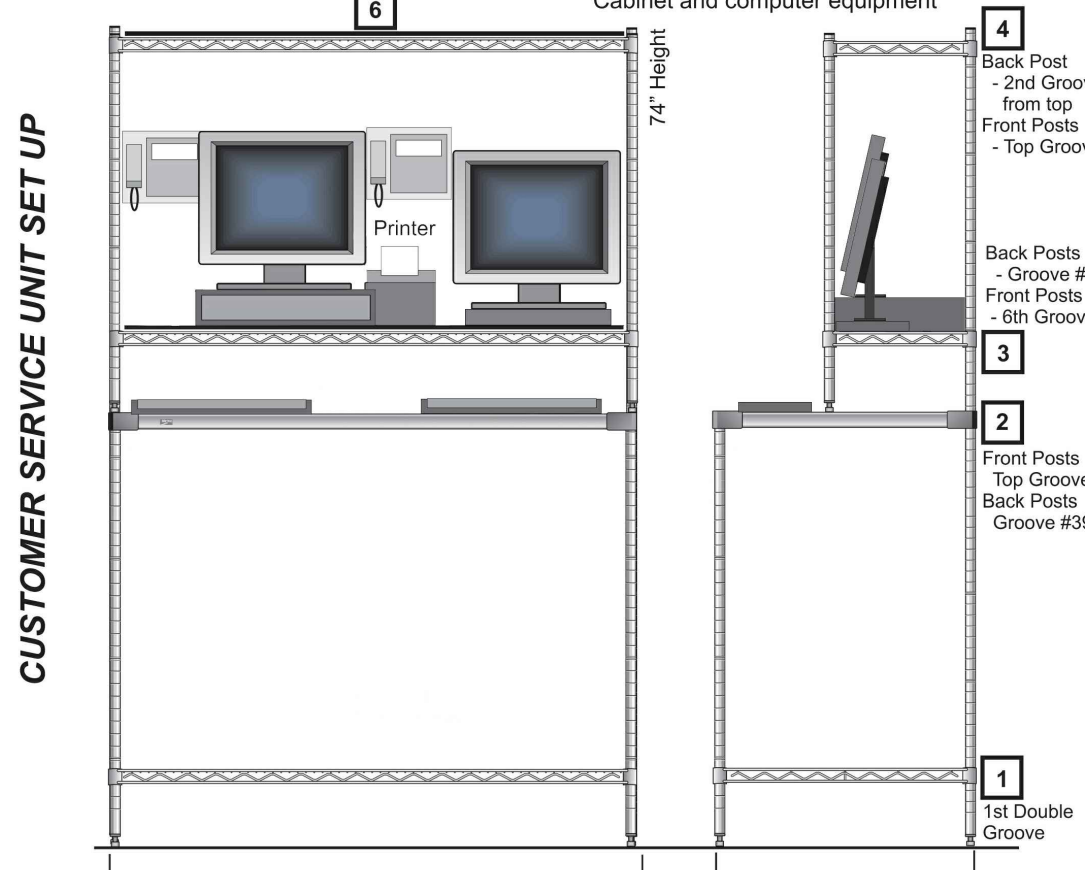


**MANAGER'S STATION (K-879) 2**

- PARTS:**
- (2) 144BR, 14"x48" Upper Shelves
  - (2) 144BW, 14"x48" Shelf Inlays
  - (2) 33P, 34" Upper Posts
  - (1) 2448FG, 24"x48" Work Surface
  - (1) 2448BR, 24"x48" Wire Shelf

**MANAGER'S STATION (K-879) 2**

- Components:** Easy to assemble without any tools.
- Solid Shelf for the work surface
  - 18 gauge, type 304 foodservice grade stainless steel shelf
  - Wire Shelves above for storage
  - Chrome wire shelves
  - Wire shelf below to place the File Cabinet and computer equipment

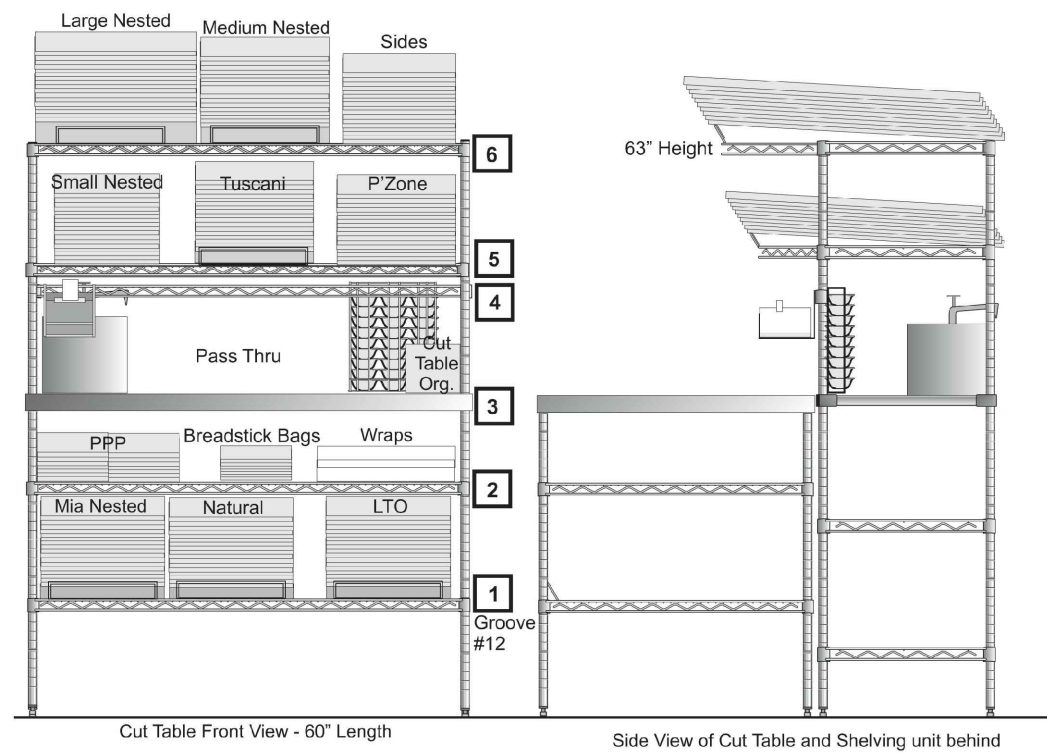


**CUSTOMER SERVICE UNIT (K-879) 3**

- PARTS:**
- (2) 144BR, 14"x48" Upper Shelves
  - (2) 144BW, 14"x48" Shelf Inlays
  - (2) 33P, 34" Upper Posts
  - (1) 2448FG, 24"x48" Work Surface
  - (1) 2448BR, 24"x48" Wire Shelf

**CUSTOMER SERVICE UNIT (K-879) 3**

- PARTS:**
- (4) 63PK3, 63" Posts
  - (3) 1860NK3, 18"x60" Wire Shelves
  - (1) 1860FS, 18"x60" Solid Shelf
  - (1) D37078, 6"x48" Shelf Extension
  - (1) DD7078A, 10"x48" Shelf Extension
  - (3) DD6298, Box Lifts (3 for Quality Station & 2 for Cut Table)
  - (1) DD2671B, Printer Holder
  - (1) DD5488, Bump Bar Holder
  - (1) HK25C, Hook
  - (2) Bags of CSMB-Y, Yellow Shelf Markers
  - (1) Bag is for the Quality Station and the remaining bag is for the under shelves of the Cut Table)



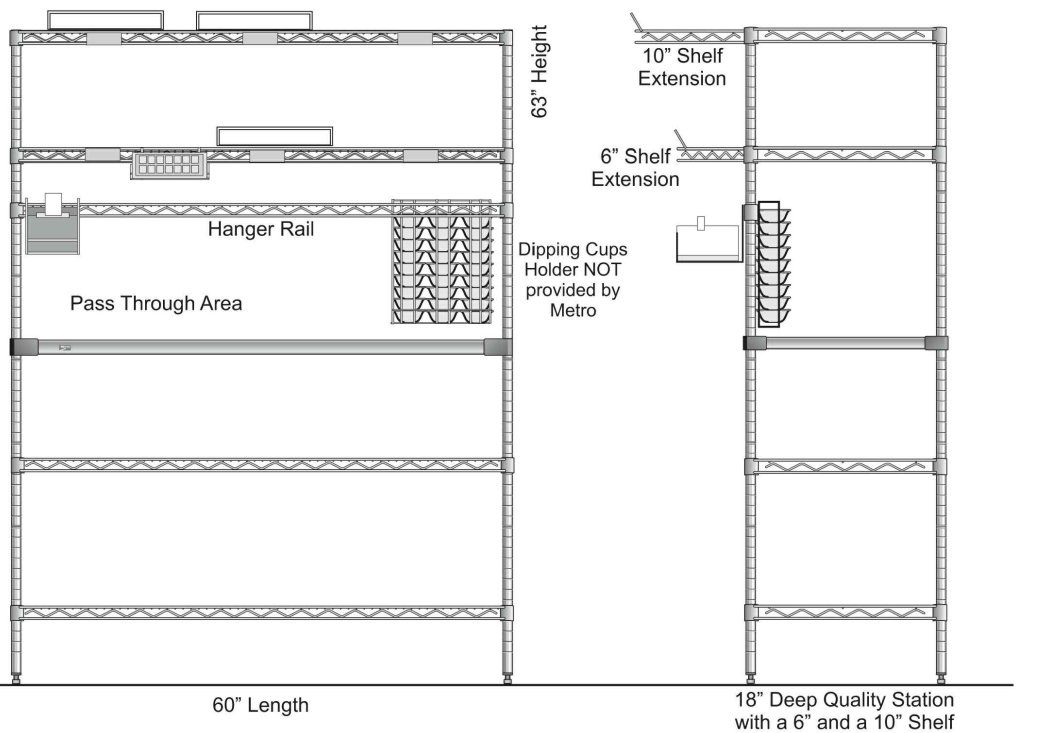
**FREE STANDING QUALITY STATION (K-933) 15**

- PIZZA HUT 60" QUALITY STATION**
- Fits behind the Cut Table PHCTSDL
  - Unit designed for used with Nested Boxes
  - Designated Pass Through area
  - Allows for the Nested Boxes to be within reach
  - Also available in 72" (PHQSND) lengths
  - Easy to assemble without any tools using the Super Erecta shelving system
  - Accessories
  - (3) Box Lifts that raise the box ends up to take pressure off of the nested box sides
  - Bump Bar Holder
  - Printer Holder
  - Shelf Markers

- Components:**
- Solid Shelf
  - 18 gauge, type 304 foodservice grade stainless steel shelf with 1/8" ledge to collect spills
  - Wire Shelves
  - Metroseal III Epoxy finish with Microban
  - Microban deters the growth of mold and bacteria

**Sanitary:** The Stainless Steel shelf has raised edges to contain spills and all remaining components are finish with Metroseal III with Microban.

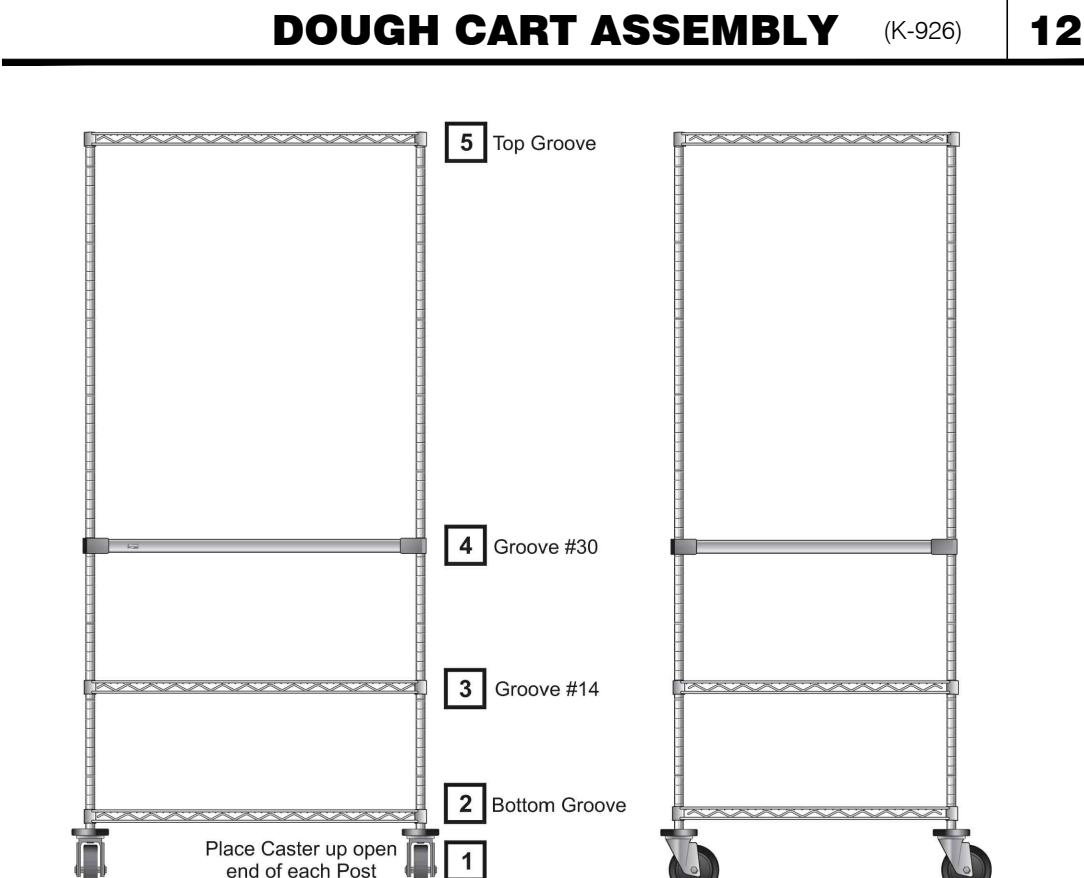
**NSF:** All components are manufactured to NSF standards and are NSF listed.



**FREE STANDING QUALITY STATION (K-933) 16**

- INSTRUCTIONS:**
- Using the hardware bag containing the washers and nuts, attach the Casters to the bottom of the Dolly Shelf, CC6010F.
  - Place a pair of Gray Split Sleeves UPSIDE DOWN on the BOTTOM groove of each 54PK3 Post. Place each Post in the corners of the Dolly Shelf. This is the OPPOSITE of the illustration below.
  - Place a pair of Gray Split Sleeves on the 17th Groove above the Dolly Shelf.
- NOTE:** - The tapered end of the Split Sleeve should be towards the TOP. See the illustration below.
- Place a 2130NK3 Shelf over the Posts and onto the Split Sleeves. Secure in place by tapping each corner with a Rubber Mallet.
  - Repeat step 3 for the remaining Shelves.
  - Place a 30" Ledge along each 30" side of each shelf.
  - Place a 21" Ledge along ONE side of each shelf.
- NOTE:** - One side of the cart will be open as shown.

- PARTS:**
- (4) 54PK3, 54" Posts
  - (3) 2130NK3, Wire Shelves
  - (1) CC6010F, Dolly Shelf
  - (4) B5DN, Casters
  - (8) L30N-4K3, 30" Ledges
  - (4) L21N-4K3, 21" Ledges
  - (4) Bags of Gray Split Sleeves



**DOUGH CART ASSEMBLY (K-926) 12**

- PARTS:**
- (4) 74UPK3, 74" Posts
  - (4) SMI, Casters
  - (3) 3036NK3, 30"x36" Wire Shelves
  - (1) R3036FS, Solid Reinforced Shelf
  - (6) Bags of Split Sleeves, each packed with the shelves

**OVERFLOW PREP. STATION ASSEMBLY (K-560) 13**

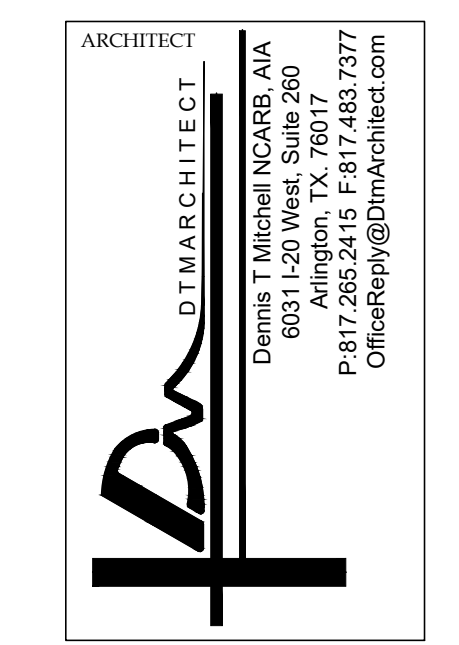
- INSTRUCTIONS:**
- Place each half of the Split Sleeve in the Groove on the Post.
- Assembly Instructions:**
- 1st Double Groove
  - Groove #18
  - Support Shelf - Top Groove on Front Groove #54 on Back
  - Place Top over Support Shelf
  - Hanger Rail Groove #48
  - Groove #50 1436FS
  - Groove #58 1436FS
  - Groove #66 1436FS

**WING STREET SAUCING STATION (K-324) 9**

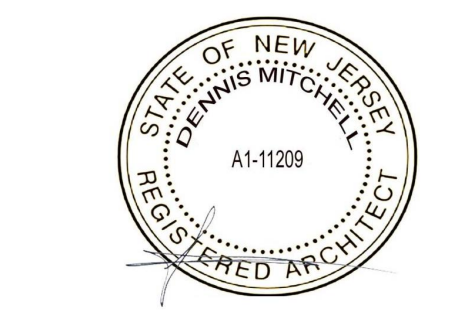
- Components:**
- Wall System allows for easy access to stored items
  - Wall mounted allows for easy cleaning of the floor and access to adjacent equipment
  - Upper Shelves for prep items and fryer filters
  - Fryer Basket supports for Fryer Baskets
- Sanitary:** All components are finished in Metroseal III epoxy finish containing Microban. Microban deters the growth of bacteria and mold.
- NSF:** All components are manufactured per the NSF specifications and are NSF listed.
- PARTS:**
- (2) 33PDK3, 33" Posts with Wall Brackets
  - (2) 30BHK3, Fry Basket Holders
  - (1) 1430NK3, 14"x30" Bottom Wire Shelf
  - (1) 1830NK3, 18"x30" Top Wire Shelf
  - (1) H136K3, Hanger Rail
  - (1) DD2671B, Printer Holder
  - (1) DD2851A, Foil & Label Holder
  - (2) 3036NK3, 30"x36" Wire Shelves
  - (3) 1436FS, 14"x36" Solid Shelves
  - (1) DD249B, Work surface
  - (1) DD249A, Work Surface under support frame

**WING STREET PREP STATION (K-326) 10**

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TDG #: 200-147



06-16-20

6.15.2020

DATE	DESCRIPTION

CONTRACT DATE: 03.05.20  
BUILDING TYPE: DELCO LITE  
PLAN VERSION: 01.29.19  
SITE NUMBER: xxxxx  
STORE NUMBER: xxxxx

PIZZA HUT  
365 Convey Blvd  
Perth Amboy, NJ



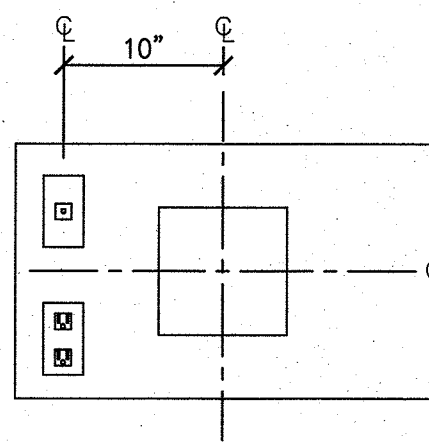
**METRO SHELVING ASSEMBLY AIDS**

**A9.0**

PLOT DATE: 06/03/20

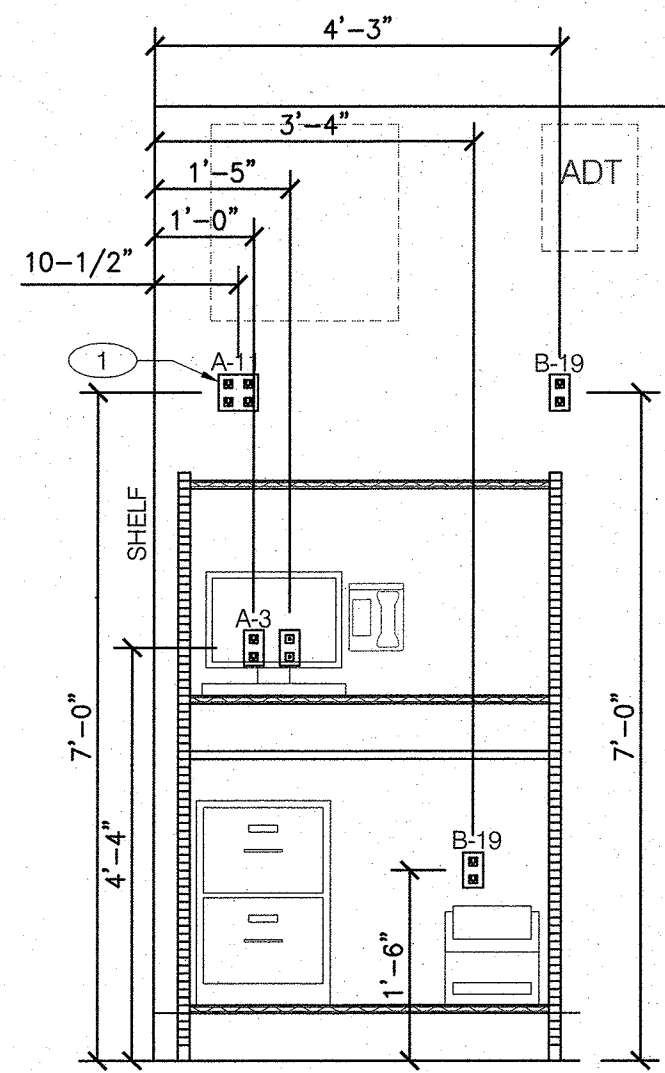






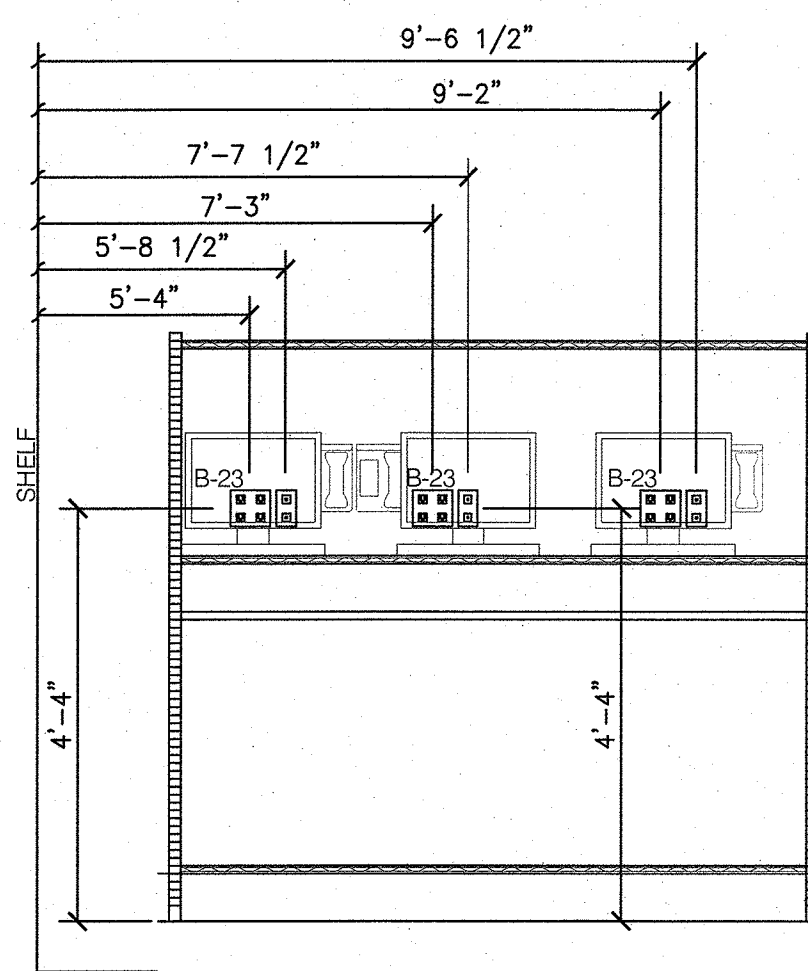
MONITOR ELECTRICAL HEIGHT SCHEDULE		
ITEM	MOUNTING HEIGHT	REMARKS
LOBBY MONITOR	92"	
FRONT COUNTER MONITOR	92"	
WCO	92"	QUAD OUTLET

**PROTOTYPICAL MONITOR MOUNT** 1/4" = 1'-0" **8**

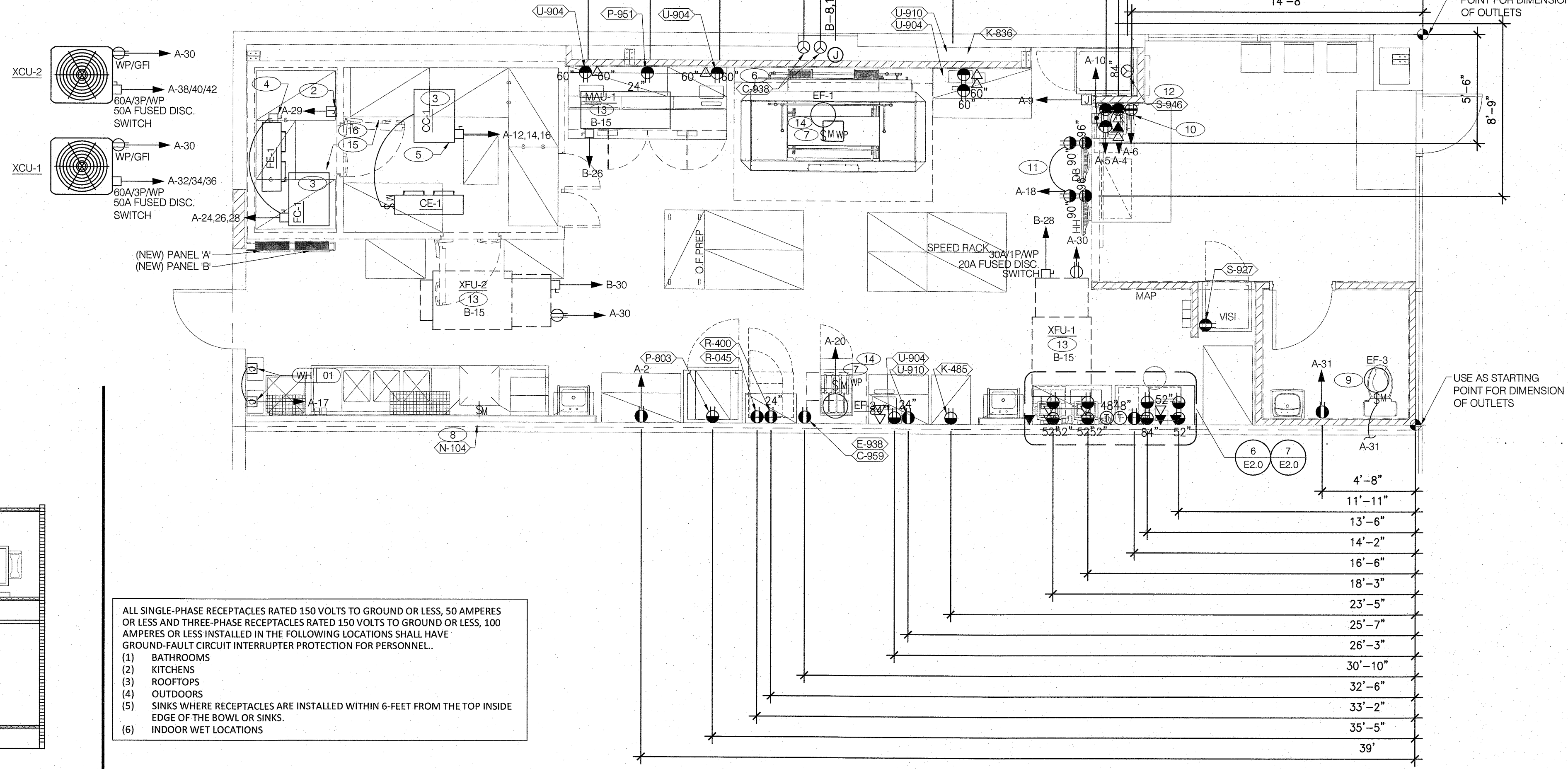


**PROTOTYPICAL MANAGERS DESK** 1/2" = 1'-0" **7**

ELECTRICAL EQUIPMENT SCHEDULE							
ITEM	DESCRIPTION	VOLTAGE/PHASE	AMPS	WATTAGE	PLUG	A.F.F.	CIRCUIT #
C-938	PIZZA OVEN (GAS)	208V/1PH	11.0	2288	L6-20P	24"	B-5,7 & B-25,27
C-959	GAS FRYER	120V/1PH	1.6	200	5-15P	24"	A-33
N-104	DISHMACHINE	208V/3PH	46.8	9735	DIRECT	48"	B-14,16
R-045	UNDERCOUNTER FREEZER	120V/1PH	5.8	667	5-15P	24"	A-1
K-836	SAUCE STATION	120V/1PH	6.7	804	5-15P	24"	A-19
S-927	BEVERAGE COOLER	120V/1PH	7.2	864	5-15P	24"	B-17
S-946	HOT HOLD	120V/1PH	19.1	2290	L5-30P	84"	A-13
P-803	PROOFER	115V/1PH	16.0	1750	5-20P	84"	A-35
K-485	MODULAR HOLDING CABINET	120V/1PH	12.5	1500	5-15P	24"	B-2
P-951	8' MAKE TABLE	120V/1PH	15.33	1840	5-15P	24"	A-7
U-904	MONITOR	120V/1PH	2.1	250	5-15P	PER PLAN	B-4
R-400	WINGSTREET REFRIGERATOR	120V/1PH	5.3	636	5-15P	24"	B-1
U-910&U904	PRINTER & MONITOR	120V/1PH	2.0	241	5-15P	24"	A-15



**PROTOTYPICAL ORDER ENTRY** 1/2" = 1'-0" **6**



**ELECTRICAL POWER PLAN** 1/4" = 1'-0" **1**

UNIT DESIG.	UNIT	LOAD	PANEL DEVICE			DEVICE AT UNIT						S E T S	FEEDER DESCRIPTION	REMARKS		
	VOLTAGE	H.P.	FLA	KVA	CIRCUIT NUMBER	BKR	SW.	FUSE	NEMA START	BKR	SW.	FUSE	NEMA START	OTHER		OR SEE THE INDICATED NOTES BELOW
						AMPS	AMPS	AMPS	SIZE	AMPS	AMPS	AMPS	SIZE			
MAU	MAKE UP AIR UNIT															
MAU-1	120V/1	1	6.25	.75	B-28	25		2				30	25	2	NEMA 3R	1 REFER TO PANEL SCHEDULE
CJUFU	CONDENSING/AIR HANDLER UNIT															
XCU-1	208V/3	3	50	10.44	A-32/34/36	50		3		60	50	3			NEMA 3R	1 REFER TO PANEL SCHEDULE SEE NOTE #1,2
XCU-2	208V/3	3	50	10.44	A-38/40/42	50		3		60	50	3			NEMA 3R	1 REFER TO PANEL SCHEDULE SEE NOTE #1,2
XFU-1	120V/1	1	15	1.2	B-28	20		3		30	20	1				1 REFER TO PANEL SCHEDULE SEE NOTE #3
XFU-2	120V/1	1	15	1.2	B-30	20		3		30	20	1				1 REFER TO PANEL SCHEDULE SEE NOTE #3
EF	EXHAUST FAN															
2	115V/1	.333	2.1	0.250	A-22	20		1							NEMA 3R SWITCH	1 REFER TO PANEL SCHEDULE REFER TO HOOD SHEETS
3	120V/1	.13	0.8	0.100	A-31	20		1							FUSTAT	1 REFER TO HOOD SHEETS
CC	COOLER CONDENSER															
1	208V/3		9.0	3.2	SEE PLANS	20		3		30	15	3			NEMA 3R	1 REFER TO PANEL SCHEDULE AR - FUSE AS REQUIRED
CE	COOLER EVAPORATOR															
1	120V/1		9.0	1.0	SEE PLANS										MMS	SEE KEY NOTE #5 1 REFER TO PANEL SCHEDULE FED FROM CONDENSER
FC	FREEZER CONDENSER															
1	208V/3		9.3	3.3	SEE PLANS	20		3		30	15	3			NEMA 3R	1 REFER TO PANEL SCHEDULE AR - FUSE AS REQUIRED
FE	FREEZER EVAPORATOR															
1	208V/1		4.0	0.8	SEE PLANS					30	15	2			MMS	SEE KEY NOTE #4 1 REFER TO PANEL SCHEDULE FED FROM CONDENSER

**MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES** **5**

- ALL CONNECTIONS AND ELECTRICAL EQUIPMENT LISTED IN SCHEDULE SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. FIELD VERIFY CONNECTION REQUIREMENTS AND EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.
- REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTIONS OF INTERLOCKING, THERMOSTAT LOCATIONS, EXHAUST FAN CONTROL SWITCHES, AND OTHER CONTROLS OF MECHANICAL EQUIPMENT.
- PROVIDE DUCT MOUNTED SMOKE DETECTORS IN THE RETURN DUCT. VERIFY THE REQUIRED QUANTITY OF DUCT SMOKE DETECTORS FOR EACH UNIT WITH DUCTWORK LAYOUT TO MEET NFPA REQUIREMENTS. REFER TO SMOKE MONITORING SYSTEM NOTES ON SHEET E1.0.

**MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES** **3**

- HORIZONTAL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD CENTER OF BOX, U.O.N. VERTICAL DIMENSION OF 24" IS FROM FINISH FLOOR TO CENTER OF J-BOX, U.O.N.
- PROVIDE STAINLESS STEEL OUTLETS, SWITCHES AND COVER PLATES IN B.O.H. PROVIDE BLACK OUTLETS, SWITCHES AND COVER PLATES IN F.O.H.
- ALL OUTLETS AND J-BOXES BEHIND SIGNAGE SHALL BE RECESSED OR FLUSH WITH ADJACENT BUILDING SURFACES.

**GENERAL NOTES** **4**

- PROVIDE 20A, 120V, A QUAD ISOLATED GROUND RECEPTACLE FOR DEMARK TELEPHONE TERMINAL BOARD AND TELEPHONE SYSTEM TERMINAL BOARD.
- PROVIDE 120V CONNECTION FOR FREEZER DOOR HEATER, CONDENSATE HEAT TRACE AND HEAT AIR RELIEF VENT IN FREEZER. PROVIDE CONNECTIONS PER MANUFACTURERS REQUIREMENTS AND N.E.C. ARTICLE 300-7 (1999).
- CONDENSING UNITS TO COOLER/FREEZER MOUNTED ON TOP OF FREEZER/COOLER BOX ABOVE CEILING. ROOF PENETRATIONS AND LEVEL SUPPORT BY THE G.C. REFER TO DETAIL 5/P3.0.
- FREEZER EVAPORATOR - 20A, 2P, 208V, WEATHERPROOF MANUAL MOTOR STARTING SWITCH WITHOUT OVERLOADS. INSTALL PER NEC 430-102 AND 300-7 (1999). PROVIDE CONNECTION TO CONDENSER PER MANUFACTURERS REQUIREMENTS.
- COOLER EVAPORATOR - 20A, 1P, 120V, WEATHERPROOF MOTOR RATED SWITCH PROVIDE CONNECTIONS TO CONDENSER PER MANUFACTURERS REQUIREMENTS.
- OVENS - 20A, 2P, 208V, MANUAL MOTOR STARTING SWITCH WITHOUT OVERLOADS WITH STAINLESS STEEL LOCKOUT AND TAG OUT COVER PLATE. PROVIDE RECEPTACLES TO MATCH OVEN PLUG CONFIGURATION IF OVENS ARE PROVIDED WITH FACTORY INSTALLED CORD AND PLUG.
- PROVIDE AN NON-FUSED DISCONNECT RATED AT 240V, 20 AMP 3 POLE IN A NEMA 3R ENCLOSURE FOR HOOD EXHAUST FAN LOCATED ON ROOF. POWER AND CONTROL ENTRY FROM BOTTOM OF UNIT. EXHAUST FAN INTERLOCKED WITH XLT PIZZA OVEN ELECTRICAL BOX.
- DISHWASHER - 60A, 3P, 208V, MANUAL MOTOR STARTING SWITCH WITHOUT OVERLOADS WITH STAINLESS STEEL LOCKOUT AND TAG OUT COVER PLATE.
- SWITCH EXHAUST FAN WITH LIGHT IN RESTROOM.

- 20A, 115V, IP, 3 WIRE ISOLATED GROUND RECEPTACLE, NEMA 5-20P LOCATED WITHIN 11" OF CENTERLINE OF COUNTER.
- RECEPTACLE TO BE PROVIDED ONLY WHEN CCTV EQUIPMENT IS REQUIRED. MOUNT RECEPTACLE AT 90°.
- 30A, 120V, 1P, 2 WIRE NEMA L5-30P RECEPTACLE.
- CONNECT SHUNT TRIP BREAKER TO HOOD FIRE PROTECTION SYSTEM SO THAT RECEPTACLES ARE DE-ENERGIZED UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM.
- THE COOLER/FREEZER ELECTRICAL WIRE SLEEVE SHALL BE FILLED WITH AN APPROVED MATERIAL TO PREVENT THE CIRCULATION OF WARM AIR TO A COLDER SECTION OF THE ELECTRICAL WIRE SLEEVE.
- PROVIDE GROUND-Fault PROTECTION FOR ELECTRIC HEAT TRACE OR HEATING PANELS IN FREEZER

**KEYED NOTES** **2**

TDG #: 200-147

DATE	DESCRIPTION

CONTRACT DATE: 03.05.20  
 BUILDING TYPE: DELCO LITE  
 PLAN VERSION: 01.29.16  
 SITE NUMBER: XXXXX  
 STORE NUMBER: XXXXX



**ELECTRICAL POWER PLAN**  
**E2.0**

PLOT DATE: 06/03/20

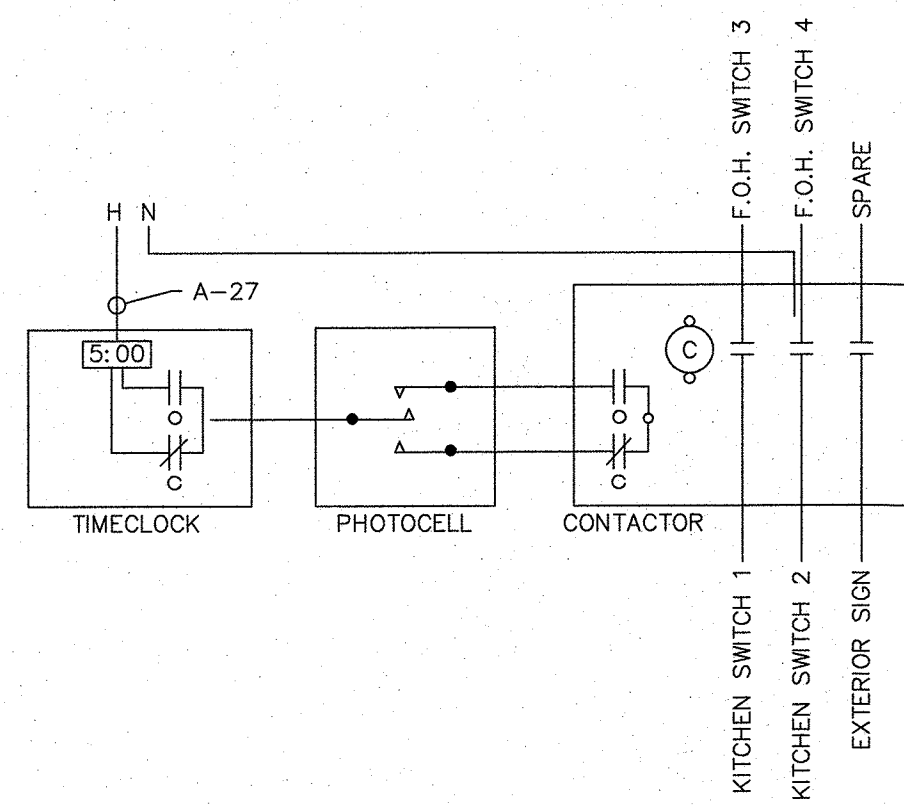
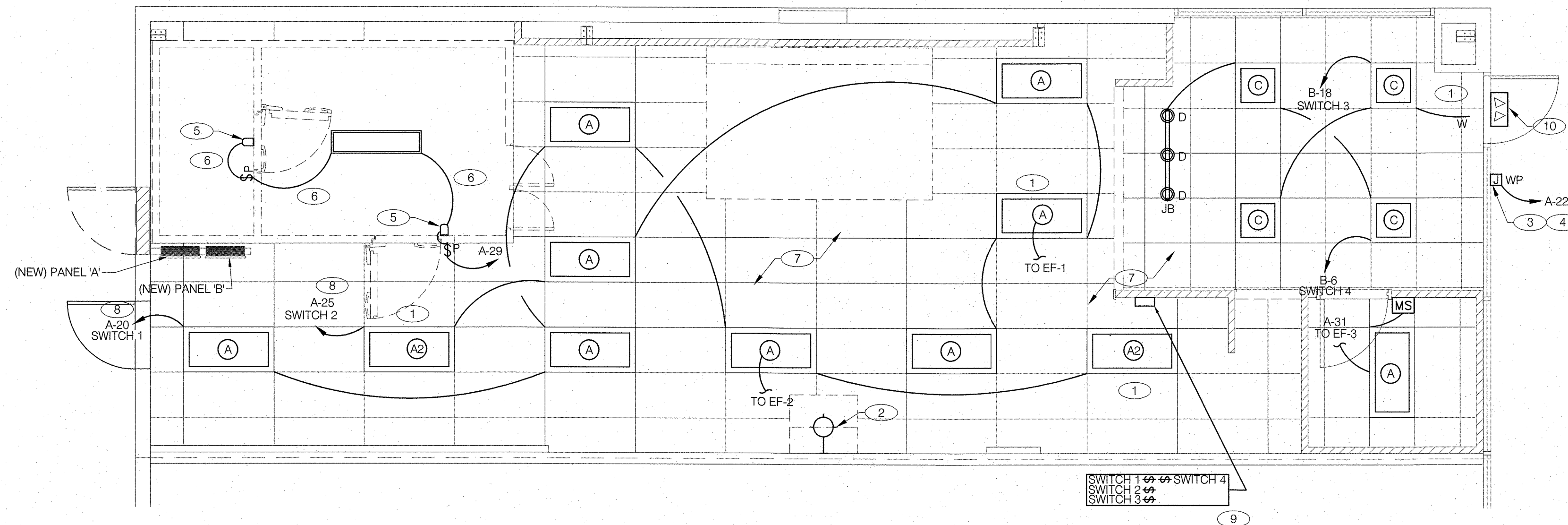
- 1 INSTALL ALL EMERGENCY AND EXIT LIGHTING ON UNSWITCHED LEG OF CIRCUIT LIGHTS ARE CONNECTED TO.
- 2 EXHAUST HOOD LIGHTS SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER DETAIL 8/E1.0.
- 3 J-BOX FOR ILLUMINATED SIGN. VERIFY ELECTRICAL REQUIREMENTS AND EXACT LOCATIONS FOR J-BOX WITH ARCHITECTURAL ELEVATIONS AND SIGN VENDOR.
- 4 CONTROLLED BY EXTERIOR SIGNAGE CONTACTOR. REFER TO EXTERIOR SIGNAGE CONTROL DIAGRAM ON SHEET E1.0.
- 5 LIGHTING FIXTURES & SWITCHES FOR COOLER/FREEZER ARE PROVIDED WITH COOLER/FREEZER. FIXTURES & SWITCHES ARE TO BE INSTALLED BY ELECTRICAL CONTRACTOR PER MANUFACTURERS REQUIREMENTS AND N.E.C. ARTICLE 300-7. CONTRACTOR TO PROVIDE 100W A19 LAMPS FOR COOLER AND FREEZER FIXTURES.
- 6 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL WIRING INSIDE COOLER/FREEZER PER MANUFACTURERS REQUIREMENTS AND N.E.C. ARTICLE 300-7 (1999). ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTINGS WITH COMPOUND PER N.E.C. 300-(7A)(1999).
- 7 ALL LIGHTING NOT ON OCCUPANCY SENSOR TO BE ON TIMELOCK
- 8 ROUTE CIRCUIT THROUGH LIGHT SWITCH. SEE DRAWING SHEET E1.0 FOR CONTROLS.
- 9 PROVIDE 120V, 1P/20 AMP WALL SWITCH AT 48" AFF FOR FRONT OF HOUSE LIGHTING AND EXTERIOR SIGNAGE LIGHTING. SEE DRAWING SHEET DETAIN ON THIS SHEET.
- 10 EXISTING LIGHTS BY LANDLORD.

**LIGHTING NATIONAL ACCOUNT:**

ACCUSERV LIGHTING:  
 PRIMARY CONTACT: ASHLEY GARNER  
 PHONE: (877) 707-7378  
 FAX: (502) 961-0357  
 EMAIL: agarn@accuserv.com

ACCUSERV HAS AGREED TO PROVIDE A PHOTOMETRICS STUDIES FOR ALL DELCOS. ONCE AN EQUIPMENT PLAN IS COMPLETE, EMAIL THE AS-BUILT AND BASE PLANS TO ACCUSERV FOR PHOTOMETRIC. EACH SPACE WILL BE DESIGNED FOR A MIN. OF 50 FOOT CANDLES THROUGH OUT THE SPACE. ACCUSERV HAS AGREED TO RETURN THE PHOTO METRIC WITH LIGHTING LAYOUT WITHIN 48 HOURS.

**KEYED NOTES** 2



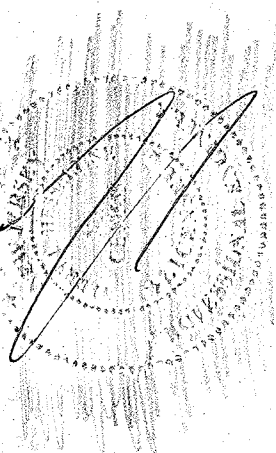
**TIME CLOCK DETAIL** 3

NO.	LOCATION	MANUFACTURER / ITEM NUMBER	FIXTURE TYPE / BALLAST	#	LAMPS TYPE	MOUNTING	VOLTAGE	WATTAGE	REMARKS
A	KITCHEN	PHILIPS/ DAY2TG-48L-840-4-FS-02F-UNV	2 X 4' TROFFER / ELECTRONIC	1	LED	LAY-IN GRID	120	35	ACRYLIC LENS
A2	KITCHEN/ENTRY	PHILIPS/ DAY2TG-48L-840-4-FS-02F-UNV-EMLED	2 X 4' TROFFER / ELECTRONIC	1	LED	LAY-IN GRID	120	35	ACRYLIC LENS
C	ENTRY	PHILIPS/EVOKIT 2X2-P-32L30WL835-G3	2 X 2' TROFFER / ELECTRONIC	1	LED	LAY-IN GRID	120	30	TRIM: BLACK
D	ENTRY	ACCUSERV / ITEM: F3592-31	PENDANT	1	60W. MED. BASE	CEILING	120	60	FINISH: BLACK
K	KITCHEN/ENTRY	LITHONIA / LHQM S W 3 R	LED EXIT / FLOOD LIGHTS	-	SUPPLIED W/ FIXTURE	BACKPLATE / WALL	120	3	EXIT FIXTURE WITH EMERGENCY BATTERY. SEE LIGHTS FIXTURE SCHEDULE NOTE #2.
JB	ENTRY	ACCUSERV / 6048BK	4' TRACK	-	N/A	CEILING	N/A	N/A	FINISH: BLACK
W	KITCHEN/ENTRY	LITHONIA / LHQMSW3RHORO	LED EXIT / FLOOD LIGHTS	-	SUPPLIED W/ FIXTURE	BACKPLATE / WALL	120	3	EXIT FIXTURE WITH EMERGENCY BATTERY. SEE LIGHTS FIXTURE SCHEDULE NOTE #2.
W1	EXTERIOR	ACCUSERV #ELATNXN0806	TWIN REMOTE HEADS	1	PAR 36	WALL	6	8	SURFACE MOUNT FIXTURE AT 138" AFF TO CENTER

(ALL FIXTURES AND LAMPS SUPPLIED BY OWNER)  
 (ALL FIXTURES INSTALLED BY CONTRACTOR)

**LIGHTING PLAN** 1/4"=1'-0" 1

TDG #: 200-147



6.10.2020

DRAWN BY: SW CHECKED BY: MO

DATE	DESCRIPTION

CONTRACT DATE: 03.05.20  
 BUILDING TYPE: DELCO LITE  
 PLAN VERSION: 01.29.16  
 SITE NUMBER: XXXXX  
 STORE NUMBER: XXXXX

**PIZZA HUT**  
 365 Convery Blvd  
 Perth Amboy, NJ



**LIGHTING & COMMUNICATION PLAN**

**E3.0**

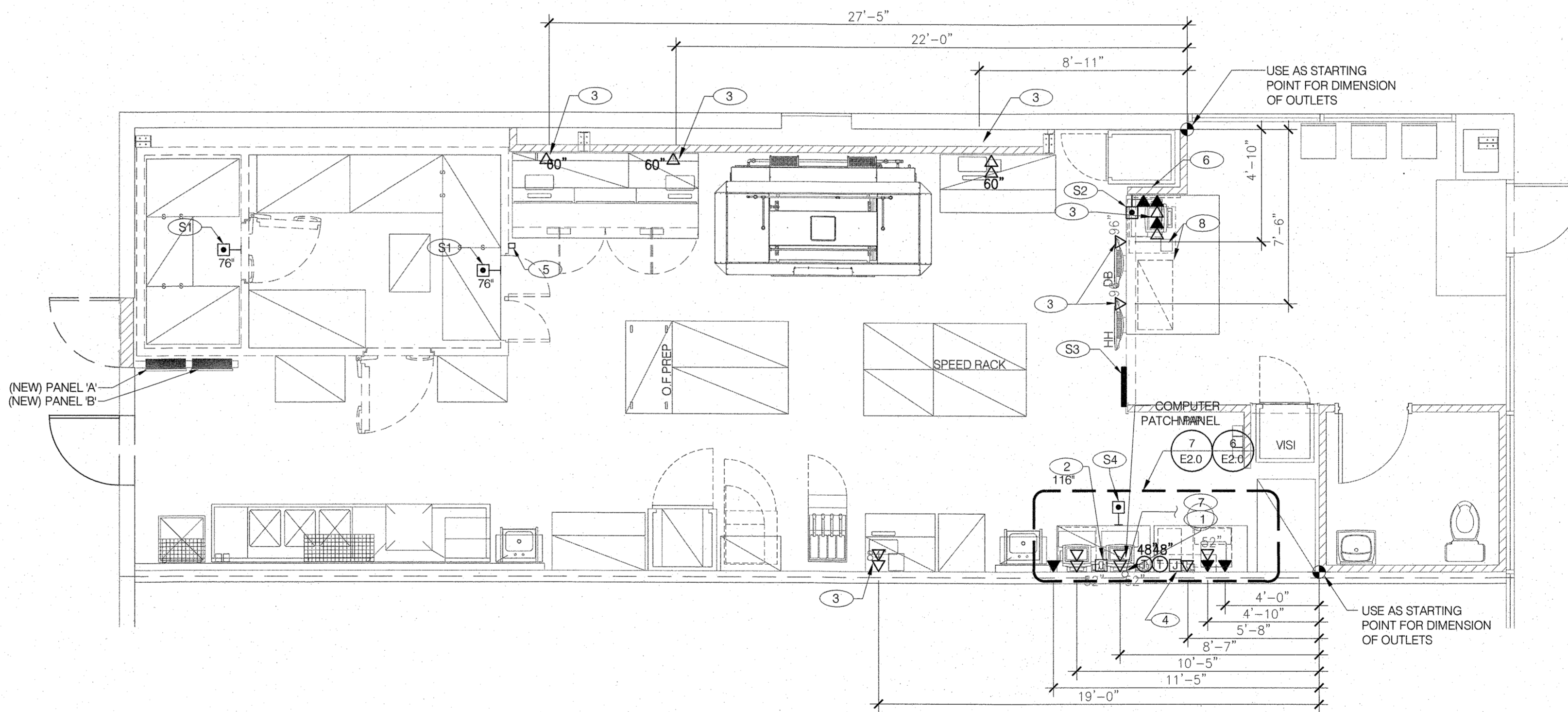
PLOT DATE: 06/03/20

- ① TELEPHONE COMPANY DEMARK BOARD - PROVIDE (1) 2" CONDUIT WITH PULL STRING FROM TELEPHONE TERMINAL BOARD TO TELEPHONE SERVICE ENTRANCE. PROVIDE SWEEPING 90° ELBOWS AT ALL TURNS. VERIFY SITE AND TELEPHONE COMPANY REQUIREMENTS PRIOR TO BIDDING. SEE ARCHITECTURAL ELEVATION DETAIL FOR SIZE AND MOUNTING.
- ② PROVIDE (1) 2" CONDUIT WITH PULL STRING STUBBED UP ABOVE TO ACCESSIBLE CEILING FROM J-BOX AT COMPUTER WALL CABINET FOR DATA CABLES. PROVIDE SWEEPING 90° ELBOWS AT TURNS.
- ③ PROVIDE (1) PULL STRING STUBBED UP ABOVE TO ACCESSIBLE CEILING FROM EACH VOICE, VOICE/DATA AND DATA OUTLET. PROVIDE SWEEPING 90° ELBOWS AT ALL TURNS.
- ④ TELEPHONE TERMINAL BOARD FOR PIZZA HUT TELEPHONE SYSTEM LOCATION. SEE ARCHITECTURAL ELEVATION DETAIL FOR SIZE AND MOUNTING.
- ⑤ OVERHEAD TELEPHONE BELL PROVIDED BY PHONE INSTALLER.
- ⑥ PROVIDE (1) QUAD BOX FOR ALL LOW VOLTAGE LINES CENTERED UNDERCOUNTER.
- ⑦ PROVIDE (1) 3/4" CONDUIT WITH PULL STRING FOR CAT5 DSL FROM DEMARK TO THE OFFICE.
- ⑧ PROVIDE COAX CABLE AND COAX PLATE IN LOCATIONS SHOWN. VERIFY WITH OWNER FOR EXACT LOCATIONS.

- S1 HOLD UP BUTTON CENTERED ABOVE DOOR. MOUNT AT TOP OF JAMB WITH CONDUIT STUBBED UP ABOVE CEILING.
- S2 HOLD UP BUTTON LOCATION (MOUNT 2 1/2" BEHIND COUNTER EDGE). VERIFY AND REQUIREMENTS WITH SECURITY PROVIDER.
- S3 ALARM KEYPAD.
- S4 HOLD UP BUTTON BY MANAGER DESK. VERIFY EXACT LOCATION AND REQUIREMENTS WITH SECURITY PROVIDER.

GENERAL NOTE:  
 HORIZONTAL DIMENSIONS TO DATA PULL J-BOXES ARE FROM FACE OF STUD CENTER OF BOX, U.O.N.  
 THE VERTICAL DIMENSION OF 24" IS FROM FINISH FLOOR TO CENTER OF J-BOX, U.O.N.

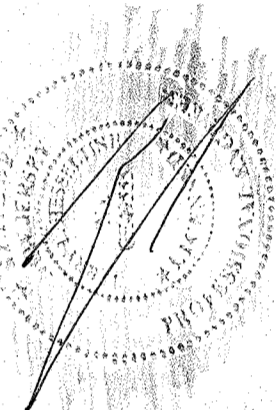
**KEYED NOTES 2**



**KEY NOTES B**

**COMMUNICATIONS AND SECURITY PLAN 1/4"=1'-0" 1**

TDG #: 200-147



CONTRACT DATE:	03.05.20
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXX
STORE NUMBER:	XXXXX

DATE	DESCRIPTION

**PIZZA HUT**  
 365 Convery Blvd  
 Perth Amboy, NJ



**LIGHTING & COMMUNICATION PLAN**

**E3.1**

PLOT DATE: 06/03/20

SYMBOL & ABBREV.	DESCRIPTION
	SA/SUP SUPPLY AIR (RISE/DROP)
	RA/RET RETURN AIR DUCT (RISE/DROP)
	EA/EXH EXHAUST AIR DUCT (RISE/DROP)
	CD/SR CEILING DIFFUSER/SUPPLY REGISTER (ARROW HEAD REPRESENTS NUMBER OF THROW)
	RR/RG RETURN REGISTER/GRILLE
	ER/EG EXHAUST REGISTER/GRILLE
	FC RECTANGULAR DUCT ELBOW WITH TURNING VANES
	MVD FLEXIBLE CONNECTION
	FD MANUAL VOLUME DAMPER
	L FIRE DAMPER
	DL DUCT LINING (1" THICK UNLESS OTHERWISE NOTED)
	FLEX SINGLE LINE DUCT BRANCH TAKE-OFF
	T-STAT DUCT TRANSITION (RECTANGULAR TO ROUND)
	T-STAT FLEXIBLE DUCT (5'-0" MAXIMUM)
	T-STAT PROGRAMMABLE THERMOSTAT
	T-STAT THERMOSTAT SENSOR (REMOTE)
	D CONDENSATE DRAIN
	DIA DIAMETER
	DL DOOR LOUVER
	UC DOOR UNDERCUT (3/4" MINIMUM)
	M FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR
	E FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR
	ME FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR

**MECHANICAL SYMBOLS 9**

- THE CONTRACTOR SHALL VERIFY ALL STRUCTURAL CONDITIONS FOR CEILING SPACE AND EXACT DUCT ROUTE PRIOR TO FABRICATION. VERIFY IN FIELD EXACT ROUTING OF DUCTWORK TO ALLOW PROPER LOCATION OF LIGHTS AS SHOWN.
- THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND SUPPORT OF ROOFTOP EQUIPMENT WITH BUILDING STRUCTURE AND CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION OF ROOFTOP UNITS TO ALLOW DUCT CONNECTION AND ROUTING AS SHOWN PER PLANS.
- ANY FRESH AIR INTAKE SHALL BE SEPARATED FROM BUILDING EXHAUST, FLUES, OR PLUMBING VENTS AS REQUIRED BY LOCAL CODES.
- INSTALLATION OF APPROVED ROOFTOP UNITS OTHER THAN YORK MAY REQUIRE MODIFICATIONS TO DUCTWORK LAYOUT. VERIFY ALL REQUIRED CLEARANCES FOR OTHER MANUFACTURERS.
- THESE DRAWINGS ARE ACCOMPANIED BY SPECIFICATIONS. REFER TO SPECIFICATIONS SHEETS FOR FURTHER INFORMATION.
- PROVIDE & INSTALL SMOKE DETECTOR IN SUPPLY DUCTWORK AND UNIT SHUTDOWN FOR RTU-1 & RTU-2. REFER TO 7/E1.0 FOR ELECTRICAL DRAWINGS AND SPECIFICATIONS.

**GENERAL NOTES 8**

GRAVITY VENTILATOR SCHEDULE			
MARK	MANUFACTURER AND MODEL NO.	THROAT DUCT (DIA.)	DESCRIPTION
GV-1	GREENHECK GRSH-20	20"	GRAVITY INTAKE VENTILATOR WITH INSECT/BIRD SCREEN AND PREFABRICATED ROOF CURB. PROVIDE WITH LOW LEAK MOTORIZED CONTROL DAMPER.
GV-2	GREENHECK GRSR-20	20"	GRAVITY RELIEF VENTILATOR WITH INSECT/BIRD SCREEN AND PREFABRICATED ROOF CURB. PROVIDE WITH BAROMETRIC RELIEF DAMPER. SET SELECTABLE START OPEN TO MINIMUM SETTING (0.05" W.G.).

XX-XXX MARK	QUANTITY	NECK SIZE	DIFFUSER FACE OR CEILING GRID SIZE (INCHES)	TYPE	(NO.) & AIR PATTERN	MOUNTING		DUTY		MATERIAL		MANUFACT.	MODEL NO.	REMARKS
						LAY-IN	SURFACE	SUPPLY	RETURN	EXHAUST	ALUM.			
S-1	7	12x12	24x24	X	(X)2W, (X) 3W, & (X) 4W 300-500 CFM RANGE	X	X	X	X	X	X	EGER PRODUCTS	ADVANTAGE	PLASTIC DIFFUSERS SQ. TO RD. TRANS.
R-1	5	18x18	24x24	X	(X)4WC 2000	X	X	X	X	X	X	EGER PRODUCTS	EFARW-SP	PLASTIC DIFFUSERS SQ. TO RD. TRANS.
S-2	2	12x12	24x24	X	(X)2W, (X) 3W, & (X) 4W 300-500	X	X	X	X	X	X	EGER PRODUCTS	ADVANTAGE	PLASTIC DIFFUSERS SQ. TO RD. TRANS. (BLACK FINISH)
R-2	0	18x18	24x24	X	(X)4WC 2000	X	X	X	X	X	X	EGER PRODUCTS	EFARB-SP	PLASTIC DIFFUSERS SQ. TO RD. TRANS. (BLACK FINISH)

ALTERNATE MANUFACTURERS: KRUEGER, PRICE, AND AIR GUIDE  
AIR DEVICE(S) SHALL BE INSTALLED WITH MANUFACTURER AVAILABLE MOLDED INSULATION BACKING. FIELD FABRICATED INSULATION BACKING IS NOT ALLOWED

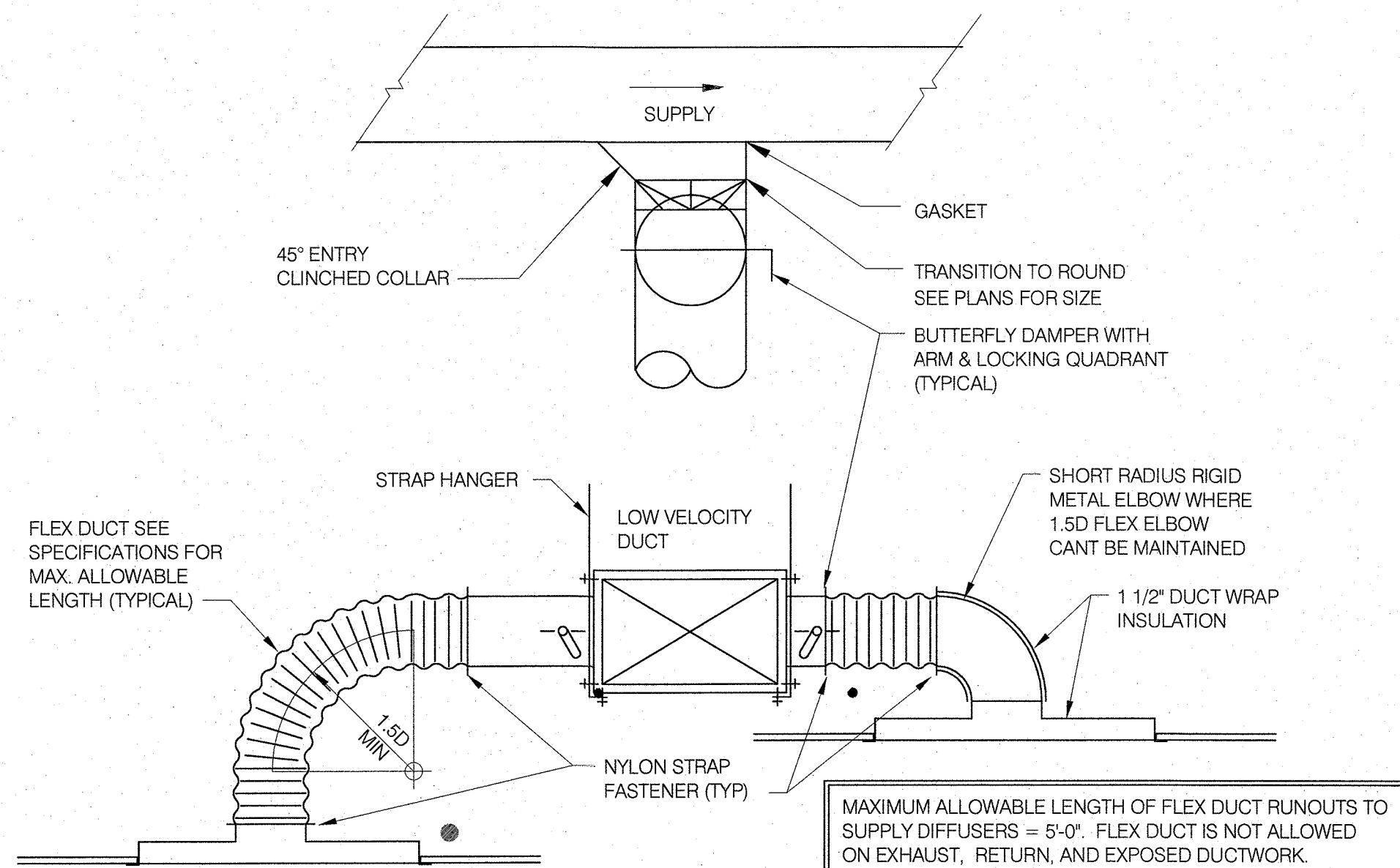
**AIR DEVICE SCHEDULE 5**

- 14"x14" Ø GREASE EXHAUST DUCT FROM OVEN UP THRU ROOF AND TRANSITION TO EF-1 AS SHOWN. SNAP DUCT TO BE USED
- 6'-9" x 8'-0" OVEN HOOD. SEE M2.0.
- HONEYWELL PRO 8000 THERMOSTAT MOUNTED ON WALL AT 52" A.F.F. NEAR MANAGER'S DESK.
- EXISTING FURNACE UNIT. VERIFY EXACT LOCATION AND CLEARANCE AVAILABILITY IN THE FIELD. FIELD VERIFY FABRICATED DRAIN PAN WITH FLOAT KILL SWITCH, AND INSTALLATION TIGHT TO STRUCTURE.
- EXISTING CONDENSING UNITS TO REMAIN AS-IS. FIELD VERIFY LOCATION AND CONDITION PRIOR TO ANY WORK.
- CONDENSING UNITS TO COOLER/FREEZER MOUNTED ON FIELD FABRICATED PLATFORM ON GROUND BEHIND LEASE SPACE.
- DO NOT ROUTE ANY DUCTWORK OVER ELECTRICAL PANELS.

- ROUTE SUPPLY AND RETURN DUCTWORK SIZED AS SHOWN FROM THE AHU CONNECTIONS TIGHT TO THE BOTTOM OF THE STRUCTURE. PROVIDE FLEXIBLE CONNECTIONS AND TRANSITION AS REQUIRED.
- ROUTE OUTSIDE AIR DUCT FROM GRAVITY VENTILATOR TO ECONOMIZER AT HANDLING UNITS AS SHOWN. INSTALL COMPLETE WITH BACKDRAFT DAMPER AT GRAVITY VENTILATOR (ROUND TO SQUARE TRANSITION IN CURB).
- ROUTE 1" CONDENSATE PIPING FROM FU TO HUB DRAIN OR NEAREST AVAILABLE APPROVED RECEPTOR AND TERMINATE WITH INDIRECT DISCHARGE. PITCH CONDENSATE PIPING A MINIMUM 1/4" PER FOOT IN THE DIRECTION OF FLOW.
- ROUTE 3" PVC FLUE VENT AND 3" PVC COMBUSTION AIR INTAKE OUT THRU REAR WALL AND TERMINATE PER MANUFACTURER'S INSTRUCTION. MAINTAIN MIN. OF 10'-0" CLEARANCE FROM AIR INTAKES. REMOTE ZONE TEMPERATURE SENSOR INSTALLED @ 66" A.F.F. WIRED BACK TO RESPECTIVE THERMOSTAT AT MANAGER'S DESK.
- 2'-9" x 4'-0" TYPE 1 HOOD FOR GAS FRYERS. SEE SHEET M2.0.

- 8" Ø GREASE EXHAUST DUCT FROM OVEN HOOD UP THRU ROOF AND TRANSITION TO EF-2 AS SHOWN.
- FIELD VERIFY FLUE VENT UP THRU ROOF AND TERMINATED PER MANUFACTURER'S INSTRUCTIONS.
- ROUTE MAKEUP AIR DUCTWORK TO PERFORATED SUPPLY PLENUM COLLAR CONNECTION. MAKEUP AIR DUCT CONNECTION SHALL BE OF THE SAME SIZE AS THE PLENUM COLLAR.
- ROUTE MAKEUP AIR DUCTWORK DOWN FULL SIZE FROM THE UNIT CONNECTION THROUGH THE ROOF AS SHOWN. PROVIDE FLEXIBLE CONNECTION AND TRANSITION THROUGH THE JOISTS AS REQUIRED.
- ROUTE AIR DUCT FROM GRILLE TO GRAVITY RELIEF ON ROOF.

**KEY NOTES 3**



**DIFFUSER INSTALLATION DETAIL N.T.S. 7**

ITEM	OA	RA	SA	EA	PRESSURE
EF-1	--	--	--	875	-875
EF-2	--	--	--	510	-510
EF-3	--	--	--	70	-70
XFU-1	400	--	2000	--	+400
XFU-2	400	--	2000	--	+400
MAU-1	1000	--	--	--	+1000
TOTAL	1600	--	4000	1455	+145

GENERAL NOTES:  
1. THE PIZZA OVEN HOOD IS ACTIVATED USING A TEMPERATURE RELAY. SET TO 90 DEGREES.  
2. PROVIDE OUTSIDE AIR THROUGH RTU IS SET AT 25%, UNLESS NOTED OTHERWISE.  
3. RESTROOM FAN IS ACTIVATED WITH LIGHT SWITCH, IN RESTROOM.

**AIR BALANCE SCHEDULE CFM 6**

XX-XXX MARK	CFM	SP	RPM	HP (WATTS)	ELECT.	STARTER	ACCESSORIES						MANUFACTURER AND MODEL NO.	REMARKS
							DISC	BIRD SCREEN	V-BELT	DDR	DDR			
EF-1	875	1.1"	1486	1/2	115/1Ø	BY E.C.	X						CAPTIVEAIRE #DU50HFA	1
EF-2	510	1.0"	1496	1/3	115/1Ø	BY E.C.	X						CAPTIVEAIRE #DU33HFA	1
EF-3	70	0.25"	1400	(100W)	120V	NA	X	X	X				ACCUSERV #05247-017	2
MAU-1	1000	0.50"	897	1.0	115/1Ø	BY E.C.							CAPTIVEAIRE #A1-D.250-15D	1

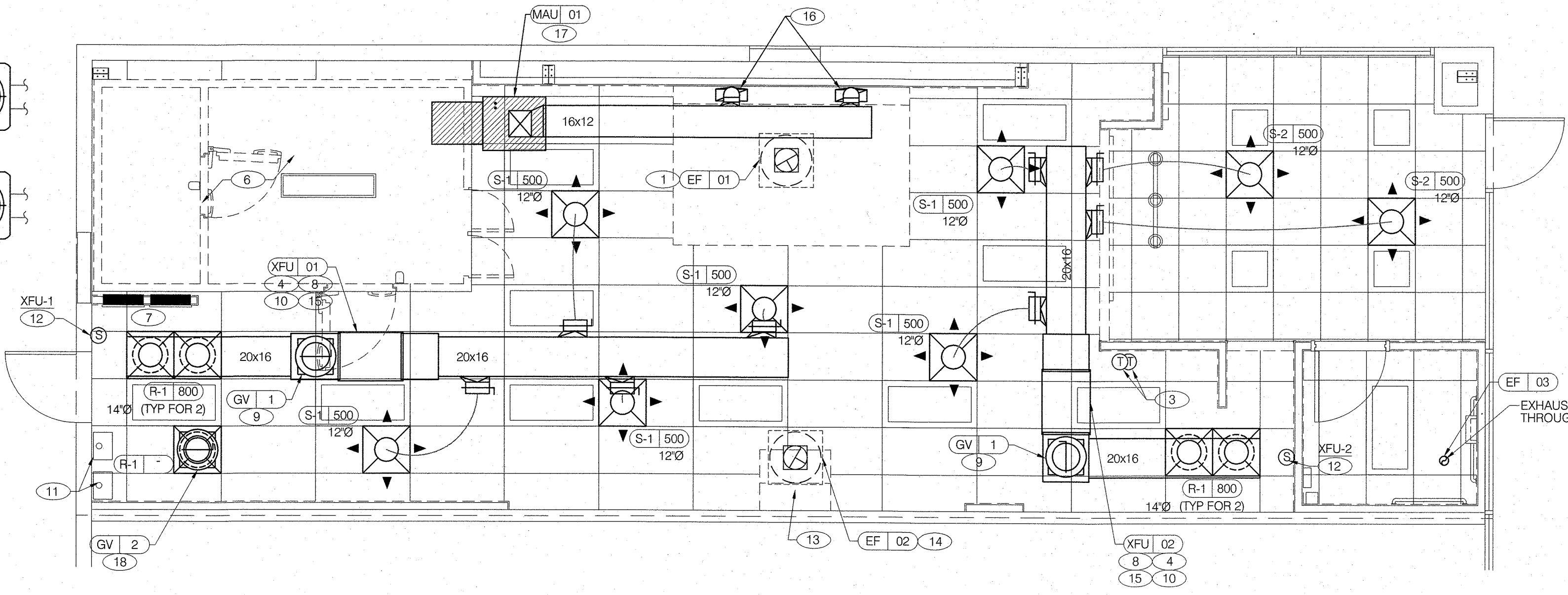
- PROVIDE FACTORY PREFABRICATED ROOF CURB.
- INTERLOCK WITH RESTROOM LIGHT SWITCH.

**SUPPLY AND EXHAUST FAN SCHEDULE 2**

XX-XXX MARK	MANUFACTURER AND MODEL NO.	CFM	ESP	DRIVE	MIN. BEER (SEER) BTU/HWATTS	NOTE	TONS	TOTAL NET COOLING CAPACITY MBH	HEATING CAPACITY MBH		COMPRESSOR SECTION				REMARKS		
									OUTPUT	INPUT	FAN HP	VOLTS	PHASE	MCA		MOCP	OPER. WT. LBS.
XFU-1	LENNOX A95UH1	2000	.6Ø	BELT	-	EAC1P COOLING COIL	5	-	106	110	1	120	1	10	15	-	-
XFU-2	LENNOX A95UH1	2000	.6Ø	BELT	-		5	-	106	110	1	120	1	10	15	-	-

XX-XXX MARK	MANUFACTURER AND MODEL NO.	COOLING				ELECTRICAL				REMARKS
		TOTAL MBH	SENS. BTUH	AMB.	EVAP. EAT DB/WB	VOLT/Ø/HZ	MCA	MOCP		
XCU-1	LENNOX 4SCU13LE160	57	-	95	80/67	208/3/6Ø	29	50	-	
XCU-2	LENNOX 4SCU13LE160	57	-	95	80/67	208/3/6Ø	29	50	-	

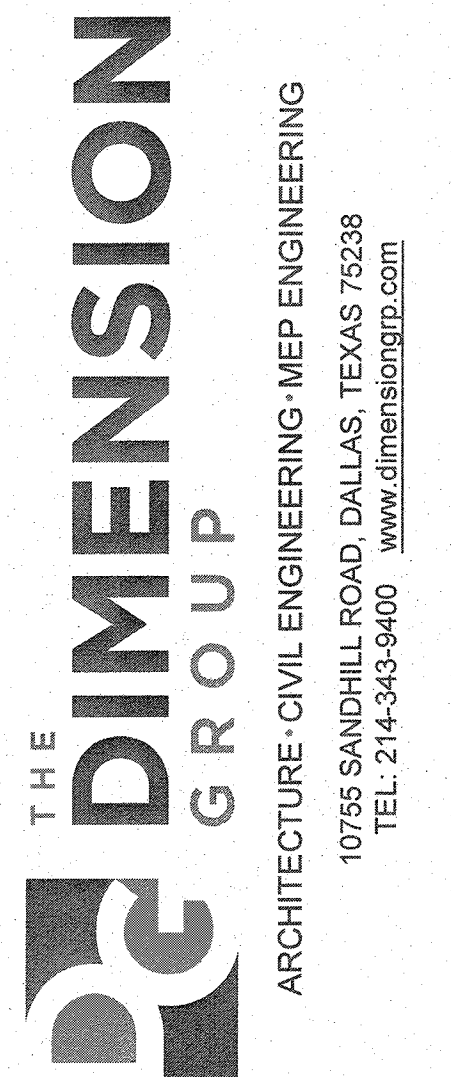
**HVAC UNIT SCHEDULE 4**



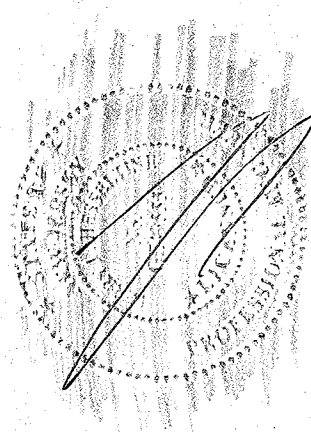
ALL TYPE-1 GREASE EXHAUST DUCTS SHALL BE NFPA 96 APPROVED 16 GA WELDED BLACK IRON, EXTERNALLY WELDED WITH LIQUID TIGHT JOINTS, SEAMS, AND SMOOTH RADIUS ELBOWS AND TRANSITIONS.

ALL TYPE-1 GREASE EXHAUST DUCTS SHALL BE DOUBLE WRAPPED WITH U.L. LISTED FIRE WRAP SIMILAR TO 3M FIRE BARRIER DUCT WRAP 615+ IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS. EACH GREASE DUCT RISER SHALL BE WRAPPED TO THE FULL EXTENT POSSIBLE FROM THE HOOD COLLAR CONNECTION UP TO THE TERMINATION AT THE EXHAUST FAN INLET. ALL GREASE EXHAUST FAN ROOF CURBS SHALL BE VENTED PER NFPA 96. PROVIDE REQUIRED ACCESS FOR SERVICING AND CLEANING.

**MECHANICAL PLAN 1/4"=1'-0" 1**



TDG #: 200-147



6.10.2020  
DRAWN BY: TG CHECKED BY: TH  
DATE DESCRIPTION  
CONTRACT DATE: 03.05.20  
BUILDING TYPE: DELCO LITE  
PLAN VERSION: 01.29.16  
SITE NUMBER: XXXXX  
STORE NUMBER: XXXXX

PIZZA HUT  
365 Convery Blvd  
Perth Amboy, NJ

PLOT DATE: 06/03/20

**HOOD INFORMATION - Job#2778078**

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM					TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG.		
					TOTAL EXH. CFM	WIDTH	LENG.	HEIGHT	DIA.			CFM	S.P.	END TO END
1	E56370042+E56370098	7230 CND-2-PSP-F	8' 0.00'	450 Deg.	875		4'	12'	875	-0.624'	670	430 SS Where Exposed	ALONE	BACK
2	E56370035+E56370069	3347 BD-2	3' 0.00'	450 Deg.	510		4'	8'	510	-0.205'	0	430 SS Where Exposed	ALONE	ALONE

**HOOD INFORMATION**

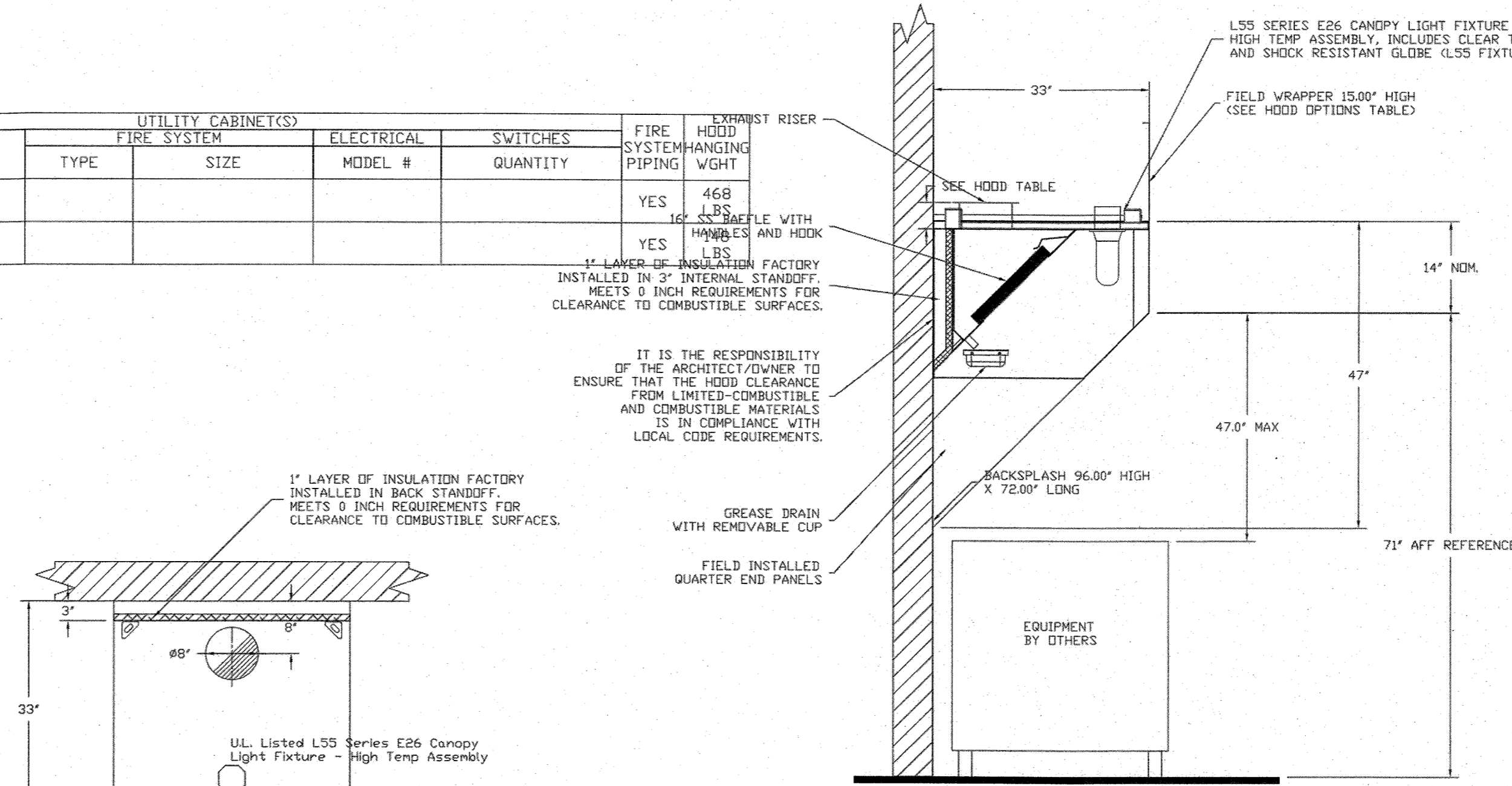
HOOD NO.	TAG	TYPE	FILTER(S)		LIGHT(S)		UTILITY CABINET(S)			FIRE SYSTEM	EXHAUST RISER					
			QTY.	HEIGHT	LENGTH	EFFICIENCY @ 9 MICRONS	QTY.	TYPE	WIRE GUARD			LOCATION	SIZE	FIRE SYSTEM	ELECTRICAL	SWITCHES
1	E56370042+E56370098	Pizza Oven HVC Filters	2	20"	16"		3	L55 Series E26	NO							
2	E56370035+E56370069	SS Baffle with Handles	2	16"	16"	30%	1	L55 Series E26	NO							

**HOOD OPTIONS**

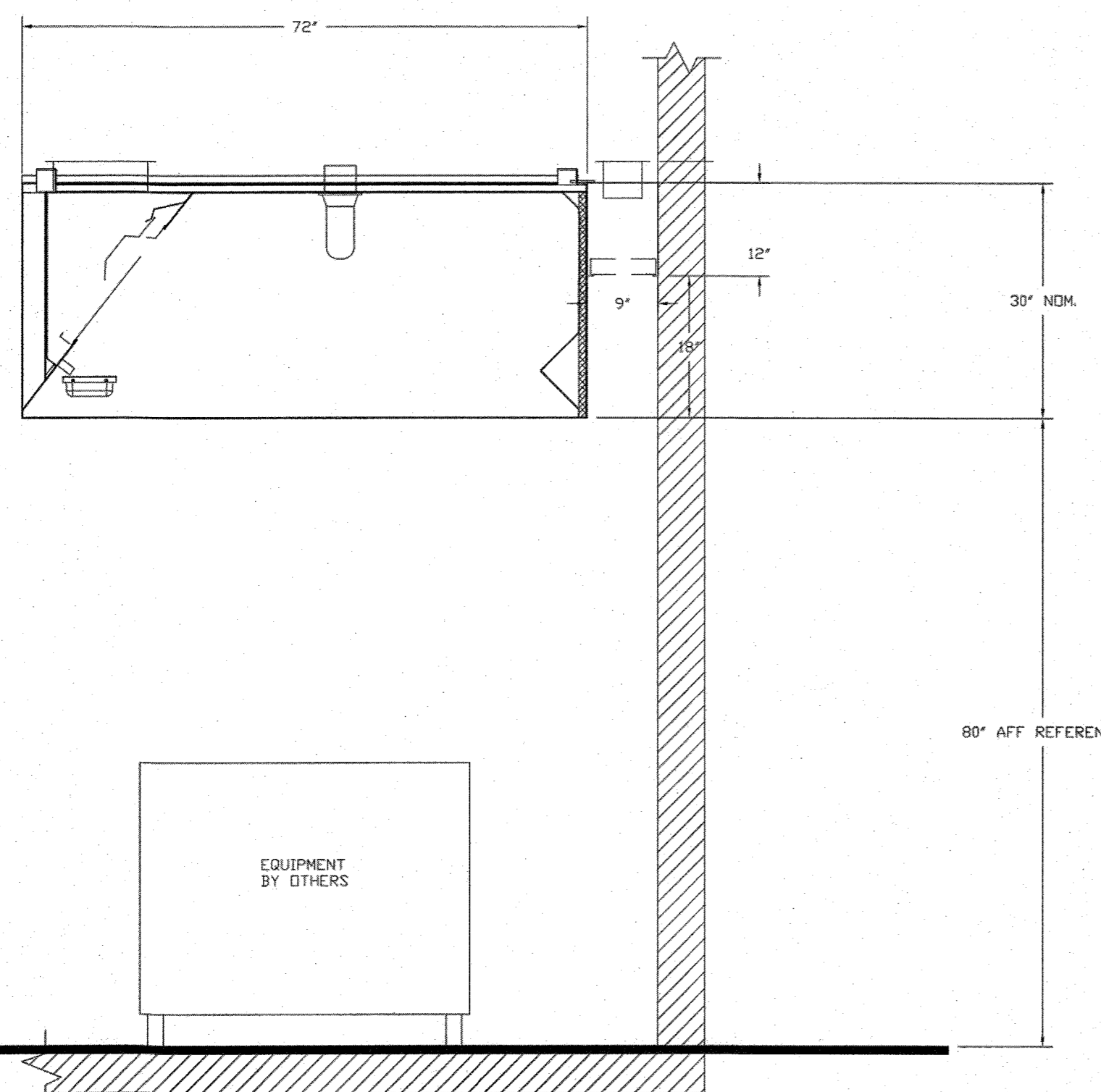
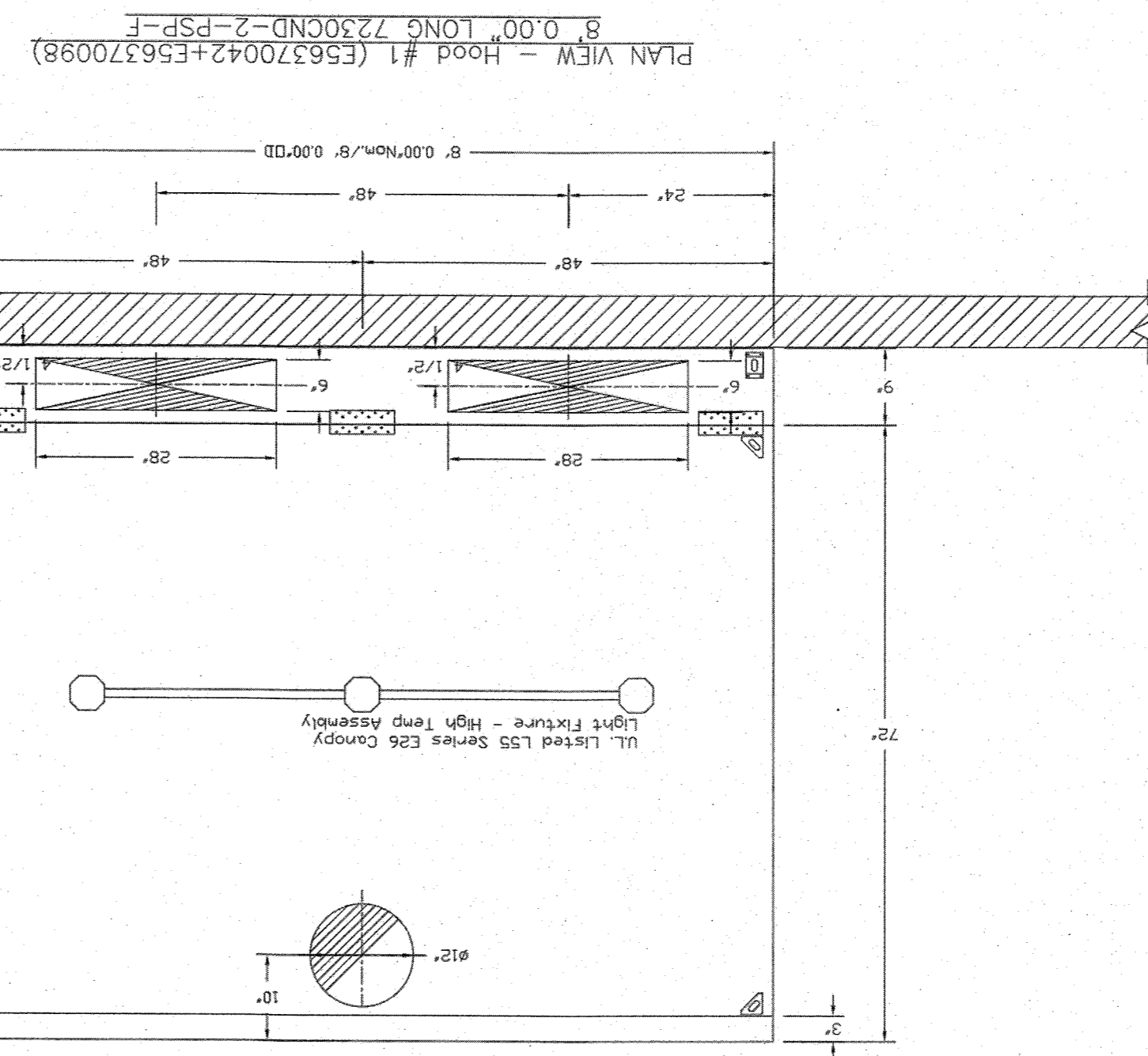
HOOD NO.	TAG	OPTION			
		BACKSPLASH	LENGTH	HEIGHT	TYPE
1	E56370042+E56370098	120.00" High X 18.00" Long	430 SS	Vertical	
		120.00" High X 18.00" Long	430 SS	Vertical	
		96.00" High X 96.00" Long	430 SS	Vertical	
		23" Top Width, 0" Bottom Width, 23" High	430 SS		
2	E56370035+E56370069	15.00" High	Front, Left, Right		
		96.00" High X 72.00" Long	430 SS	Vertical	
		23" Top Width, 0" Bottom Width, 23" High	430 SS		
		23" Top Width, 0" Bottom Width, 23" High	430 SS		

**PERFORATED SUPPLY PLENUM(S)**

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)			
							WIDTH	LENG.	DIA.	CFM
1	E56370042+E56370098	Front	96"	9"	12"	MJA	6"	28"	335	0.093"
							6"	28"	335	0.093"



PLAN VIEW - Hood #2 (E56370035+E56370069)  
3' 0.00" LONG 3347BD-2

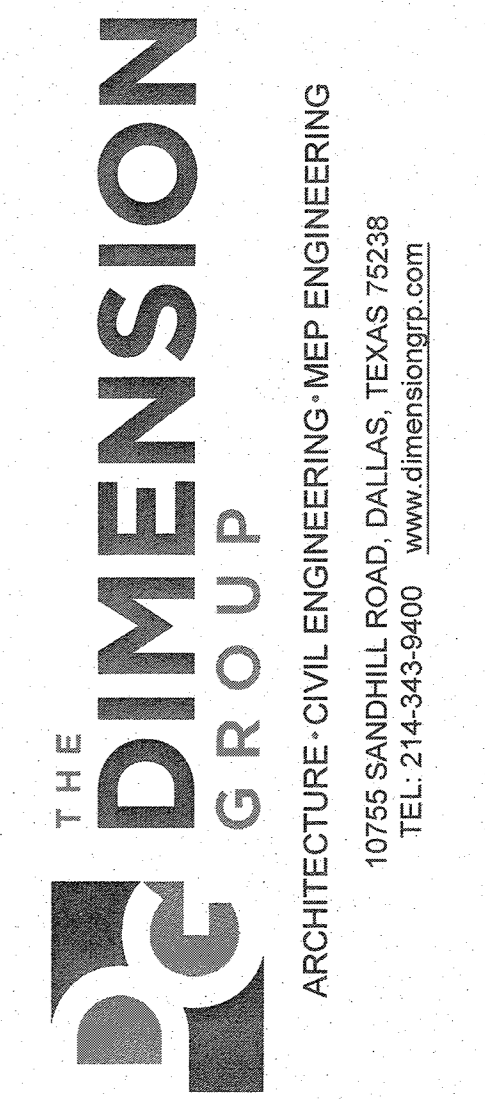


SECTION VIEW - MODEL 7230CND-2-PSP-F  
HOOD - #1 (E56370042+E56370098)

REVISIONS	
NO.	DESCRIPTION

**CAPTIVE**  
 DALLAS OFFICE  
 1801 Royal Lane Suite 101, DALLAS, TX. 75229 PHONE: (214) 220-3999 FAX: (214) 220-0098 EMAIL: reg45@captiveware.com  
 www.captiveware.com

Pizza Hut  
 DATE: 9/16/2016  
 DWG #: 2778078  
 DRAWN BY: DJL-45  
 SCALE: 3/4" = 1'-0"  
 MASTER DRAWING  
 SHEET NO. 1



TDG #: 200-147

6.10.2020  
 DRAWN BY: TG CHECKED BY: TH  
 DATE DESCRIPTION  
 CONTRACT DATE: 03.05.20  
 BUILDING TYPE: DELCO LITE  
 PLAN VERSION: 01.29.16  
 SITE NUMBER: XXXXX  
 STORE NUMBER: XXXXX

PIZZA HUT  
 365 Convery Blvd  
 Perth Amboy, NJ



**PIZZA HOOD & EXHAUST FAN DETAILS**

**M2.0**

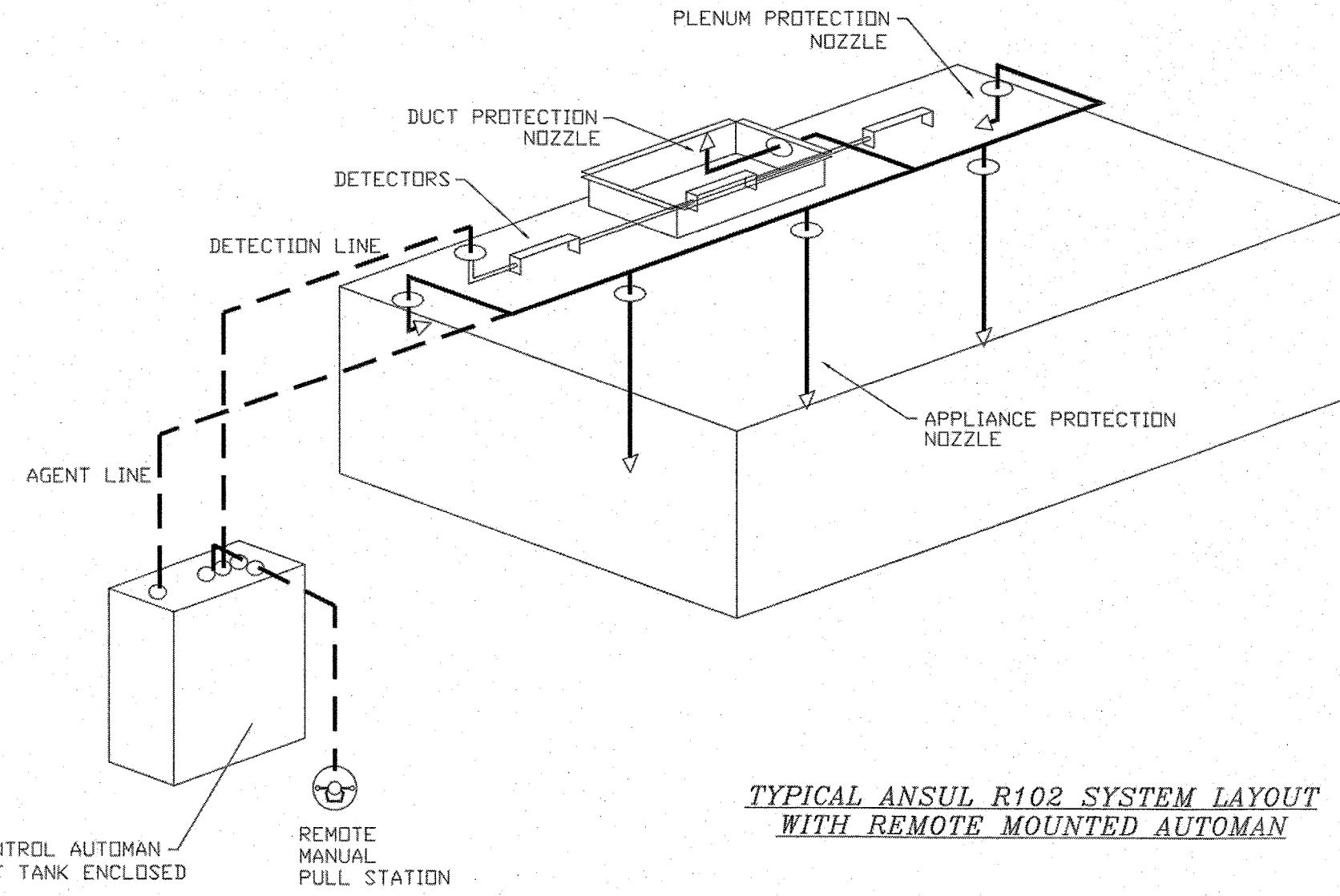
PLOT DATE: 06/03/20

**Fire System Information - Job#2778078**

FIRE SYSTEM NO.	Tag	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1	E56370036	Ansul R102	3.0	7	Wall Mount Left	N/A

**Fire System Parts List Key**

FIRE SYSTEM NO.	TAG	KEY NUMBER - PART DESCRIPTION	QTY. BY FACTORY	QTY. BY DIST.
1	E56370036	1 - 1 - AT - 3.0 TANK(H1B) - 3.0 Gallon SS Tank (for use with Automan Release, Actuator, or SS Enclosure (UL/ULC))	0	1
		2 - 2 - AP - AR AUTOMAN RELEASE - Ansul Automan Mechanical Release (UL429853 Tank sold separately)	0	1
		5 - 5 - LIQ-3.0 AGENT - Ansulex Low PH Wet Chemical Agent, 3 Gallon (UL) 79372	0	1
		7 - 7 - 101-20 CARTRIDGE - Carbon Dioxide 101-20, 3 Gallon Cartridge (R-102)	0	1
		10 - 10 - TLINK LINK - Test Link (1 test link)	0	1
		11 - 11 - MICRO-SDA MICROSITCH KIT- Includes 2 switches and Mounting Hardware. Single Dual Electric Switch, One Standard Switch, One Alarm Duty Switch 437155	0	1
		27 - 27 - OPLSA-1/2 PULLEY SEAL - 1/2" Hood Seal (UL)	5	0
		34 - 34 - RPS-A REMOTE PULL STATION - Red composite (without wire rope) 434618 (Old Macole #06-4835)	0	1
		35 - 35 - PE-LT PULLEY ELBOW - Low Temp. Pulley Elbow, Set Screw Type ANSUL Part #415670	3	10
		36 - 36 - PE-HT PULLEY ELBOW - High Temp Pulley Elbow, Compression Type	4	0



SYSTEM CONTROL AUTOMAN WITH AGENT TANK ENCLOSED  
REMOTE MANUAL PULL STATION

- NOTES**
- FIELD PIPE DROPS AS SHOWN
  - SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS
  - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVEING, SALAMANDERS, ETC.
  - MAXIMUM 9 ELBOWS IN SUPPLY LINE.
  - MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.
  - IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LOOSE.
  - FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.
  - APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
  - THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS

Job #: 2636997  
Job Name: Pizza Hut MUA Duct Bolton Rd Atlanta GA  
Drawn By:  
System Size: ANSUL-3.0 Total FP required: 10  
Hood # 1 8' 0.00" Long x 72" Wide x 30" High  
Riser # 1 Size: 12" Dia.  
Hood # 1 Metal Blow-Off Caps included.  
Hood # 2 3' 0.00" Long x 33" Wide x 47" High  
Riser # 1 Size: 8" Dia.  
Hood # 2 Metal Blow-Off Caps included.

- NOTES**
- FIELD PIPE DROPS AS SHOWN
  - SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS
  - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVEING, SALAMANDERS, ETC.
  - MAXIMUM 9 ELBOWS IN SUPPLY LINE.
  - MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.
  - IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LOOSE.
  - FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.
  - APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
  - THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS

**SPECIFICATIONS**

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

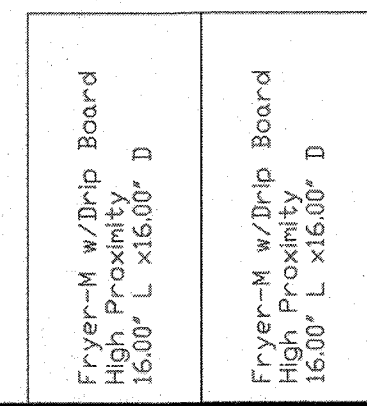
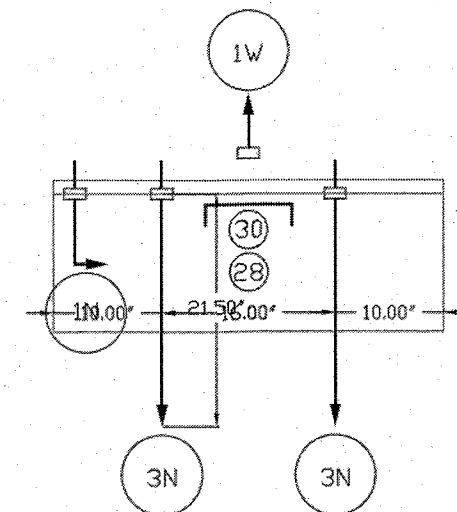
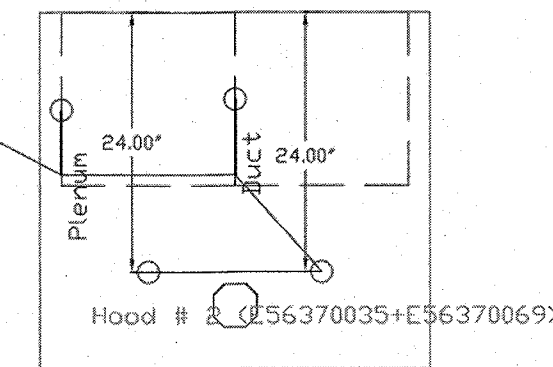
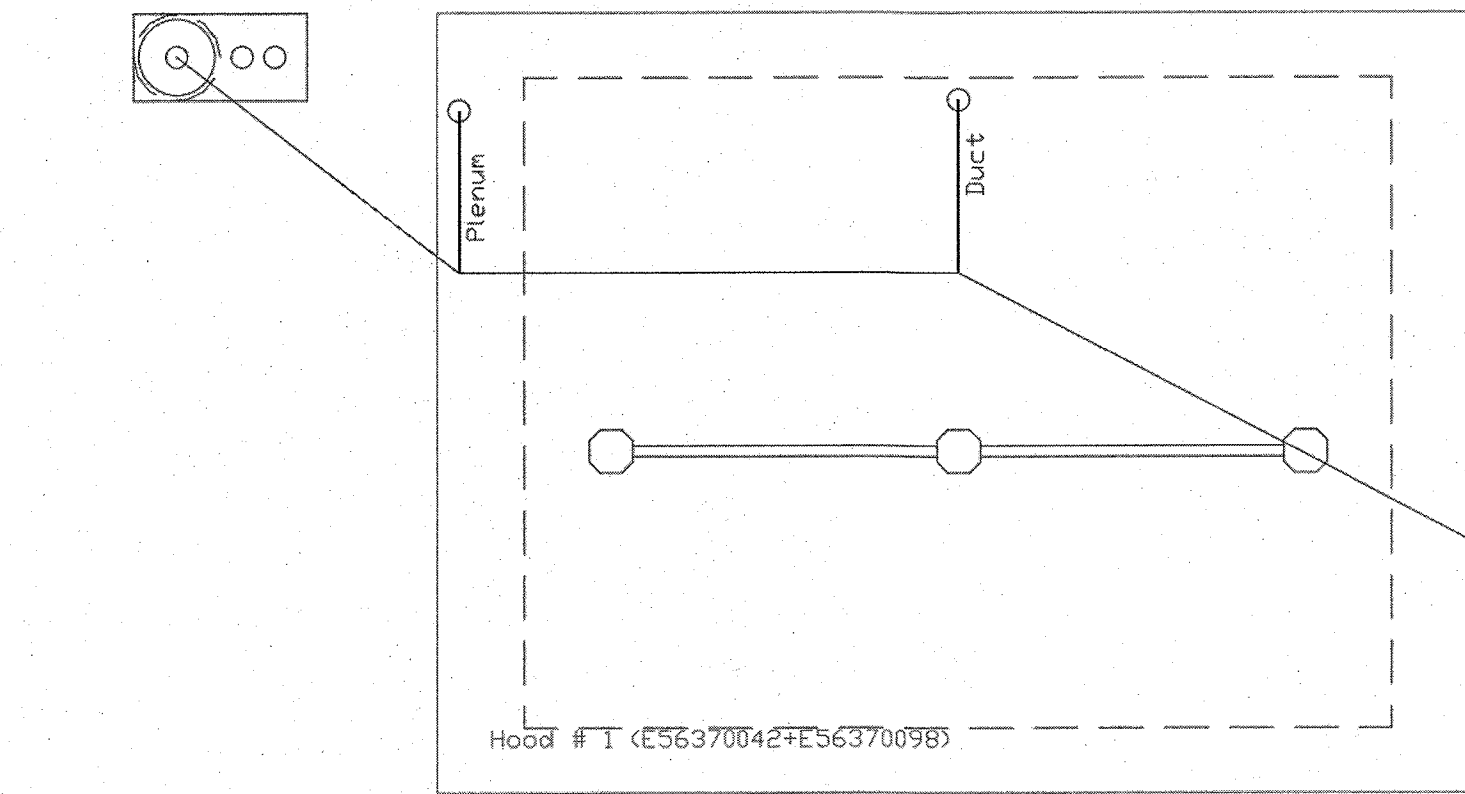
THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/LINKAGE ASSEMBLY.

Job #: 2778078  
Job Name: Pizza Hut Amite LA MPU  
Drawn By:  
System Size: ANSUL-3.0 Total FP required: 7  
Hood # 1 8' 0.00" Long x 72" Wide x 30" High  
Riser # 1 Size: 0" x 0"  
Hood # 2 3' 0.00" Long x 33" Wide x 47" High  
Riser # 1 Size: 0" x 0"

**LEGEND - WALL MOUNTED ANSUL SYSTEM**

- 1A 1.5 GALLON TANK
- 1B 3.0 GALLON TANK
- 2 AUTOMAN RELEASE
- 3 3 GALLON TANK ENCLOSURE
- 3A 6 GALLON TANK ENCLOSURE
- 4 REGULATED ACTUATOR
- 5 ANSULEX LIQUID AGENT (3 GAL.)
- 6 ANSULEX LIQUID AGENT (1.5 GAL.)
- 7 CARTRIDGE (101-20)
- 8 CARTRIDGE (101-10)
- 9 CARTRIDGE (101-30)
- 9A CARTRIDGE (LT-A-101-30)
- 9B DOUBLE TANK CARTRIDGE
- 10 TEST LINK
- 11 DOUBLE MICROSCHITCH
- 2W DUCT NOZZLE (419337)
- 1W NOZZLE ASSEMBLY (419336)
- 1F NOZZLE ASSEMBLY (419333)
- 1N NOZZLE ASSEMBLY (419335)
- 1/2N NOZZLE ASSEMBLY (419334)
- 3N NOZZLE ASSEMBLY (419338)
- 245 NOZZLE ASSEMBLY (419340)
- 230 NOZZLE ASSEMBLY (419339)
- 2120 NOZZLE ASSEMBLY (419343)
- 290 NOZZLE ASSEMBLY (419342)
- 260 NOZZLE ASSEMBLY (419341)
- 28 DETECTOR BRACKET
- 29 LOW TEMP FUSIBLE LINK
- 30 HIGH TEMP FUSIBLE LINK
- MGV MECHANICAL GAS VALVE
- EGV ELECTRICAL GAS VALVE
- 34 REMOTE MANUAL PULL STATION
- S SWIVEL ADAPTOR



Oven High Proximity 80.00" L x 60.00" D

**REVISIONS**

NO.	DESCRIPTION	DATE

**CAPTIVE**

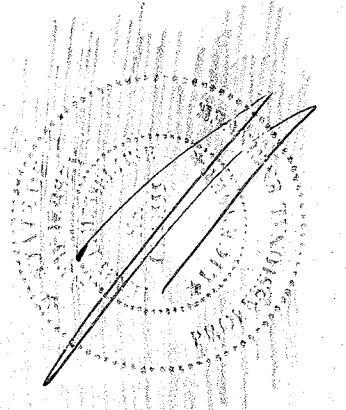
DALLAS OFFICE  
1001 Royal Lums Suite 101, DALLAS, TX, 75220 PHONE: (214) 220-3989 FAX: (214) 220-0099 EMAIL: rep45@captive.com www.captive.com

DATE: 9/16/2016  
DWG.#: 2778078  
DRAWN BY: DJL-45  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO. 2

**THE DIMENSION GROUP**  
ARCHITECTURE - CIVIL ENGINEERING - MEP ENGINEERING  
10755 SANDHILL ROAD DALLAS, TEXAS 75238  
TEL: 214-343-9400 www.dimensiongrp.com

TDG #: 200-147



6.10.2020

DATE	DESCRIPTION

CONTRACT DATE: 03.05.20  
BUILDING TYPE: DELCO LITE  
PLAN VERSION: 01.29.16  
SITE NUMBER: XXXXX  
STORE NUMBER: XXXXX

**PIZZA HUT**  
365 Convery Blvd  
Perth Amboy, NJ

**DELCO LITE**

**FRYER ANSUL DETAILS**

**M2.1**

PLOT DATE: 06/03/20

**EXHAUST FAN INFORMATION - Job#2778078**

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SONES
1	E56370029	DU50HFA	875	1100	1486	0.500	0.3600	1	115	8.4	70	15.7
2	FRYER E56370039	DU33HFA	510	1000	1496	0.333	0.2210	1	115	5.6	64	11.6

**MUA FAN INFORMATION**

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	MCA	MOCP	WEIGHT (LBS.)	SONES
3	SF-1	A1-0.250-15D	15MF-1-MOD	A1-0.250	1000	1200	0.500	1504	1.000	0.4970	1	115	11.6	16.6A	25A	464	12.6

**GAS FIRED MAKE-UP AIR UNIT(S)**

FAN UNIT NO.	TAG	INPUT BTUS	OUTPUT BTUS	TEMP. RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
3	SF-1	79182	72847	59 deg F	7 in. w.c. - 14 in. w.c.	Natural	92

**FAN OPTIONS**

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1	E56370029	1 - Grease Box 1 - Hinge Kit - Ships Loose for Curb Supplied by Others
2	FRYER E56370039	1 - Grease Box 1 - Hinge Kit - Ships Loose for Curb Supplied by Others
3	SF-1	1 - Motorized Backdraft Damper for A1-D Housing 1 - Low Fire Start 1 - Inlet Pressure Gauge, 0-35" 1 - Manifold Pressure Gauge, -5 to 15" wc 1 - ECM Wiring Package - DD Supply - Manual or 0-10VDC Reference Speed Control (TELCO Motor)

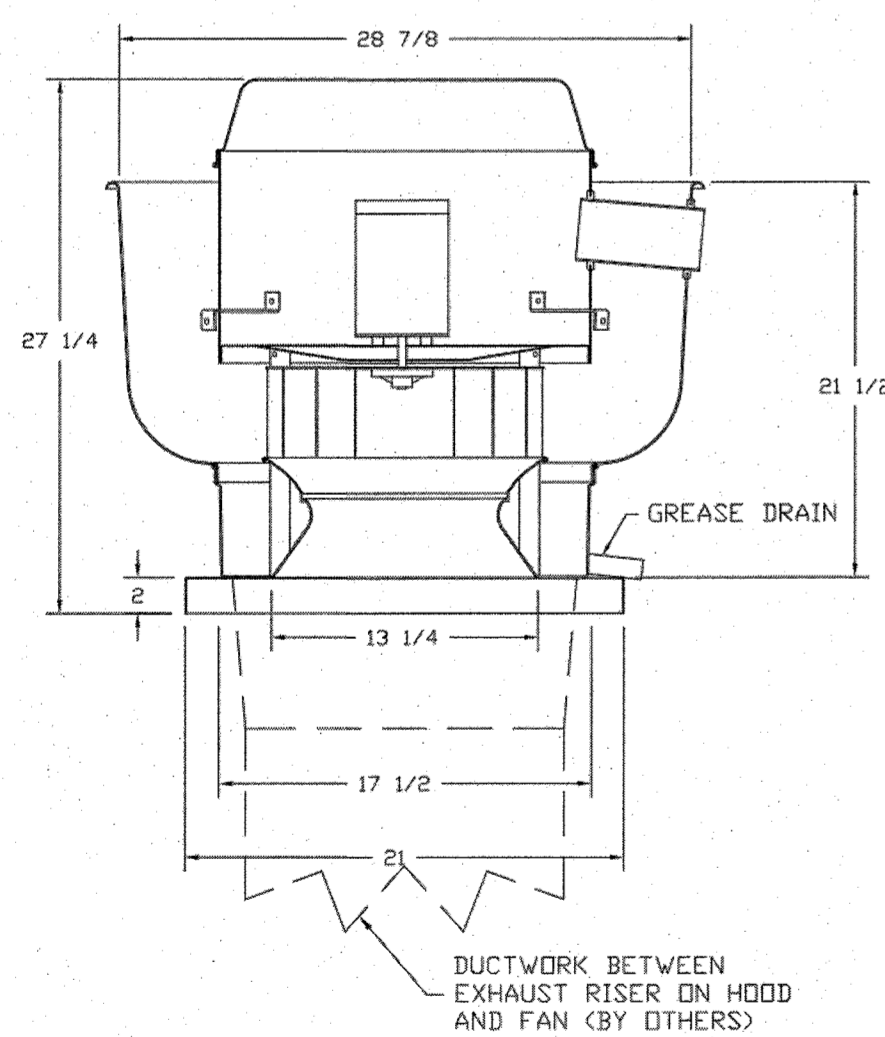
**FAN ACCESSORIES**

FAN UNIT NO.	TAG	EXHAUST				SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT	
1	E56370029	YES							
2	FRYER E56370039	YES							
3	E56370041						YES		

**CURB ASSEMBLIES**

NO.	DN FAN	WEIGHT	ITEM	SIZE
1	# 1	27 LBS	Curb	19.500"W x 19.500"L x 20.000"H Vented
2	# 2	30 LBS	Curb	19.500"W x 19.500"L x 22.000"H Vented
3	# 3	63 LBS	Curb	21.000"W x 71.000"L x 20.000"H Insulated

FAN #1 DU50HFA - EXHAUST FAN (E56370029)



**FEATURES:**

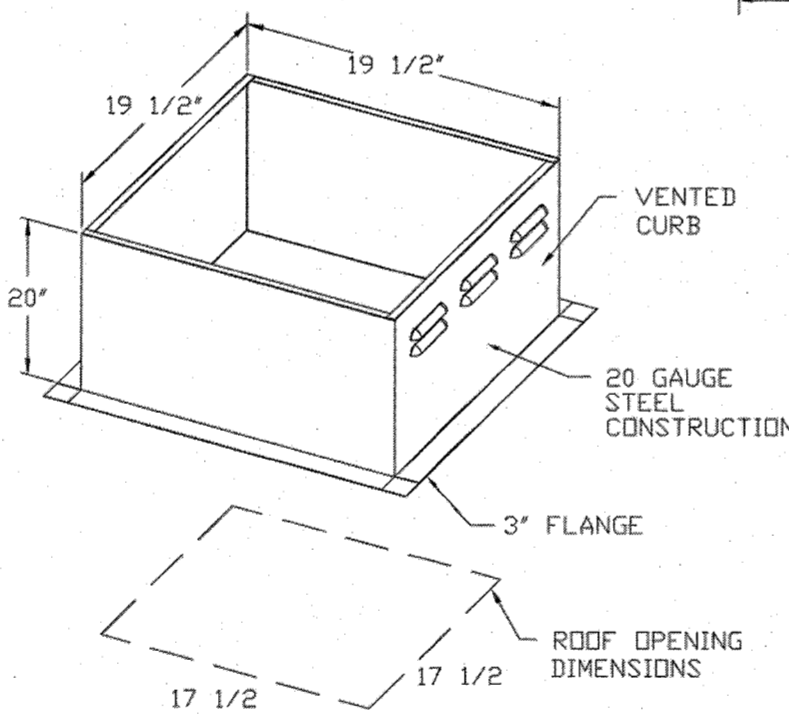
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

**NORMAL TEMPERATURE TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

**ABNORMAL FLARE-UP TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

**OPTIONS**

GREASE BOX  
HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS

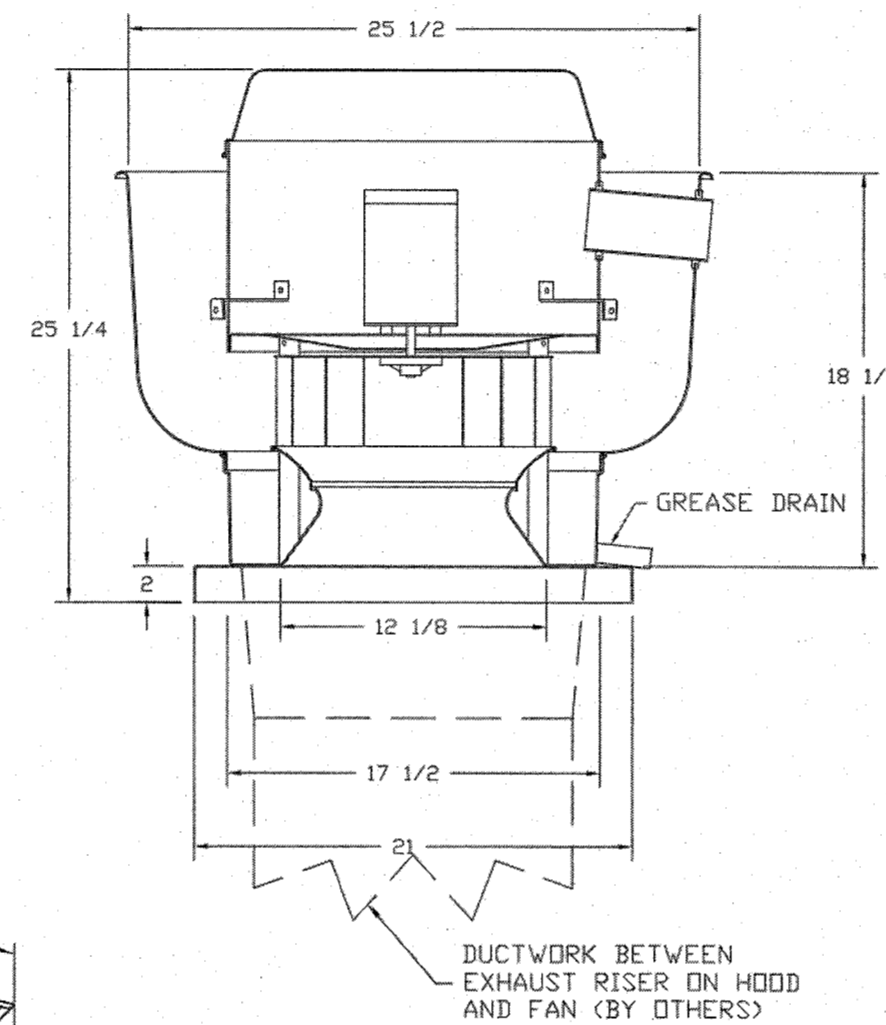


**Direct Fired Profile Plate Specifications:**  
Direct fired burners shall have patented (US Patent No. US662953B2), self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by limiting by-product levels to a maximum of 50ppm of carbon monoxide (CO) and 50ppm of nitrogen dioxide (NO2). Units shall be configured with the blower mounted downstream of the burner. This arrangement will ensure a consistent airflow, regardless of inlet air temperature.  
**Application:**  
Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for any motors or actuators to mechanically adjust them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.  
**Particularities:**  
All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 3.7 (non-recirculating DF heaters) and ANSI Z83.18 (recirculating DF heaters).  
**General Construction:**  
-Profile plates shall be formed from G90 galvanized steel.  
-Profile plates shall vary in size per unit.  
-Profile plates shall be mounted along the same plane as the discharge of the burner.  
-Design shall incorporate properly torqued, permanently mounted spring hinges.  
-Spring hinges shall be made from plated steel.

- MUA-1: A1-0.250-15D - HEATER (SF-1)
1. DIRECT GAS FIRED HEATED MAKE UP AIR UNIT WITH 15" DIRECT DRIVE FAN
  2. INTAKE HOOD WITH EZ FILTERS-LOW CFM
  3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT
  4. MOTORIZED BACK DRAFT DAMPER 16" X 18" FOR SIZE 1 STANDARD & MODULAR HEATER UNITS W/EXTENDED SHAFT, STANDARD GALVANIZED CONSTRUCTION, 3/4" REAR FLANGE, LOW LEAKAGE, THERMIST ACTUATOR INCLUDED
  5. LOW FIRE START. ALLOWS THE BURNER CIRCUIT TO ENERGIZE WHEN THE MODULATION CONTROL IS IN A LOW FIRE POSITION.
  6. GAS PRESSURE GAUGE, 0-35", 2 1/2" DIAMETER, 1/4" THREAD SIZE
  7. GAS PRESSURE GAUGE, -5 TO +15 INCHES WC, 2 1/2" DIAMETER, 1/4" THREAD SIZE
  8. ECM WIRING PACKAGE AND MANUAL OR 0-10VDC CONTROL FOR SUPPLY EC MOTORS. RTC CONTROLLER. \*\*DO NOT ORDER UNDER WARRANTY. SEE PART NUMBER TCM-VCU-RTC\*\*.

\*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN SMACNA PUBLICATION 2011. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT.  
SUGGESTED STRAIGHT DUCT SIZE IS 14" X 14"

FAN #2 DU33HFA - EXHAUST FAN (FRYER E56370039)



**FEATURES:**

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

**NORMAL TEMPERATURE TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

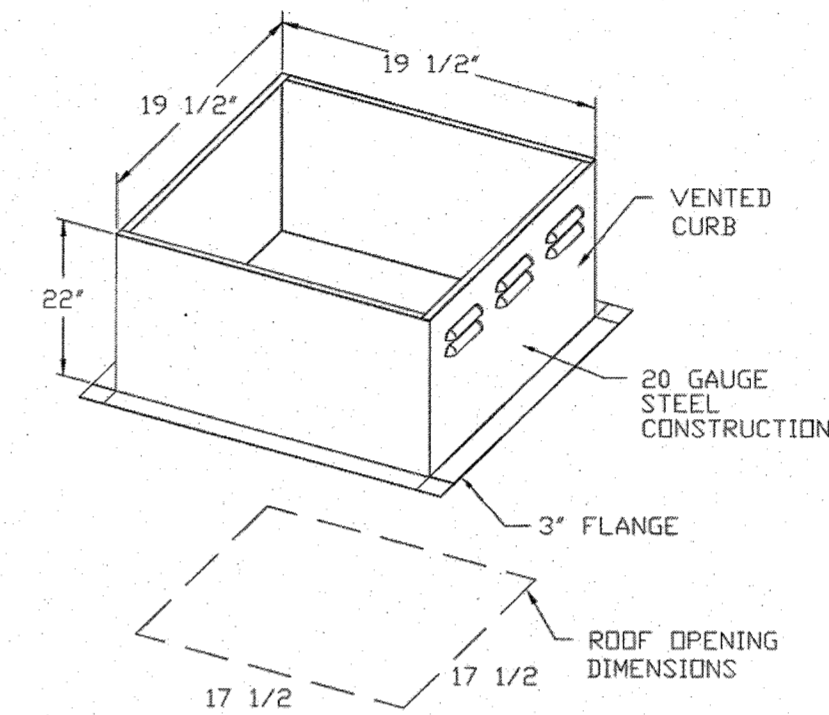
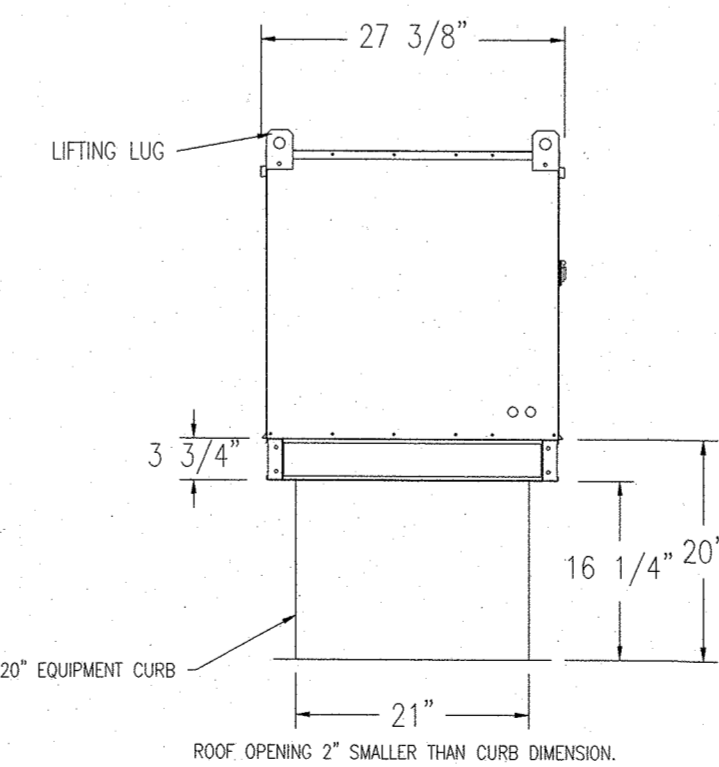
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**OPTIONS**

GREASE BOX  
HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS

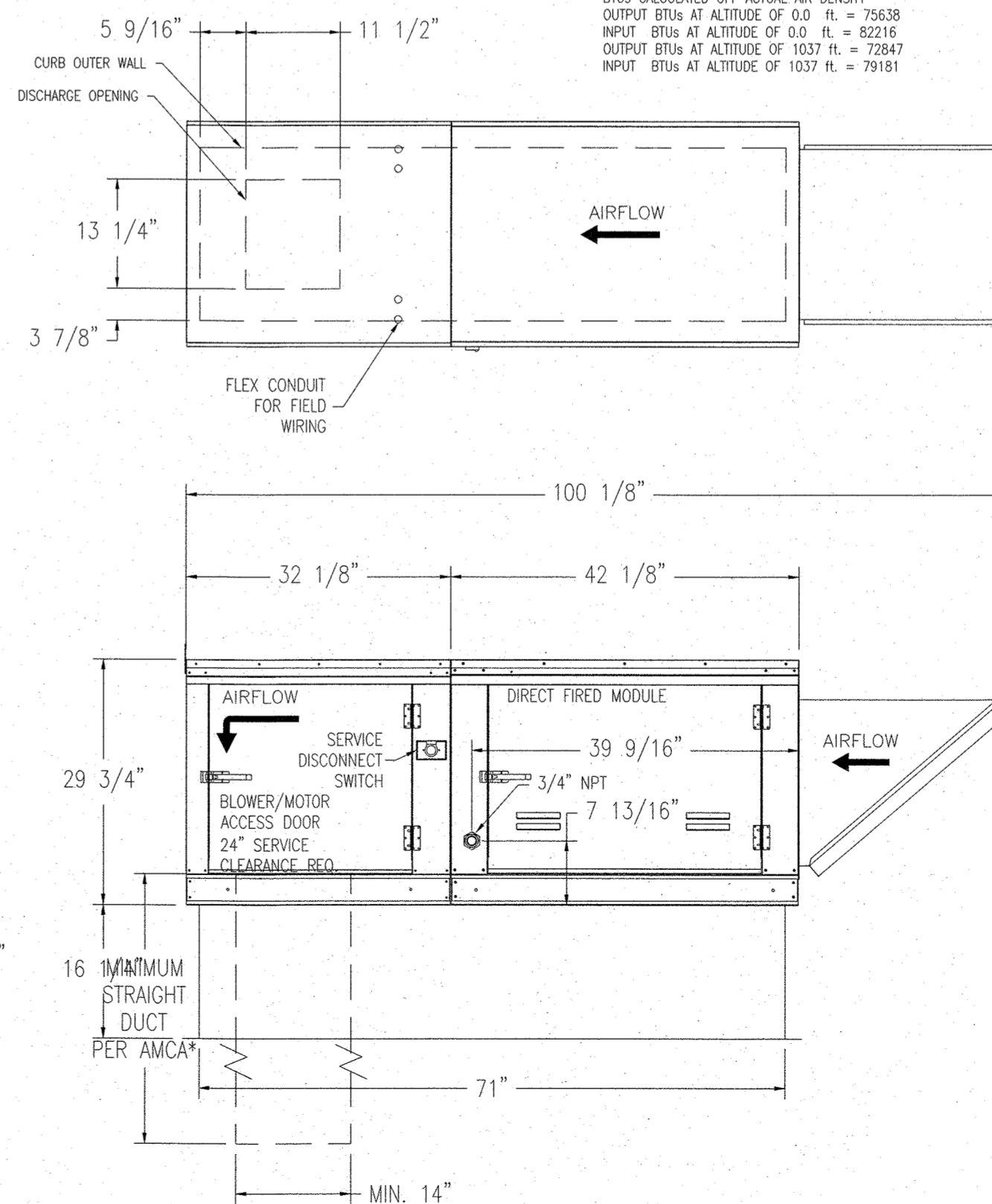


Direct Fired (DF) Profile Plate Assembly



**SUPPLY SIDE HEATER INFORMATION**

WINTER TEMPERATURE = NET TEMP. RISE = 99°F  
BTUS CALCULATED OFF ACTUAL AIR DENSITY  
OUTPUT BTUS AT ALTITUDE OF 0.0 FT. = 75638  
INPUT BTUS AT ALTITUDE OF 0.0 FT. = 82216  
OUTPUT BTUS AT ALTITUDE OF 1037 FT. = 72847  
INPUT BTUS AT ALTITUDE OF 1037 FT. = 79181



**REVISIONS**

NO.	DESCRIPTION	DATE

**CAPTIVE**

**DALLAS OFFICE**

1901 Royal Lane Suite 101, DALLAS, TX, 75229 PHONE: (214) 220-0099 FAX: (214) 220-3999 EMAIL: reg45@captivair.com

6.10.2020

DRAWN BY: TG CHECKED BY: TH

NO.	DATE	DESCRIPTION

CONTRACT DATE: 03.05.20  
BUILDING TYPE: DELCO LITE  
PLAN VERSION: 01.29.16  
SITE NUMBER: XXXXX  
STORE NUMBER: XXXXX

PIZZA HUT  
365 Convery Blvd  
Perth Amboy, NJ

DELCO LITE

**DATE:** 9/16/2016  
**DWG.#:** 2778078  
**DRAWN BY:** DJL-45  
**SCALE:** 3/4" = 1'-0"  
**MASTER DRAWING**

**SHEET NO.**  
3

**THE DIMENSION GROUP**

ARCHITECTURE - CIVIL ENGINEERING - MEP ENGINEERING

10755 SANDHILL ROAD, DALLAS, TEXAS 75238  
TEL: 214-343-9400 WWW.DIMENSIONGROUP.COM

TDG #: 200-147

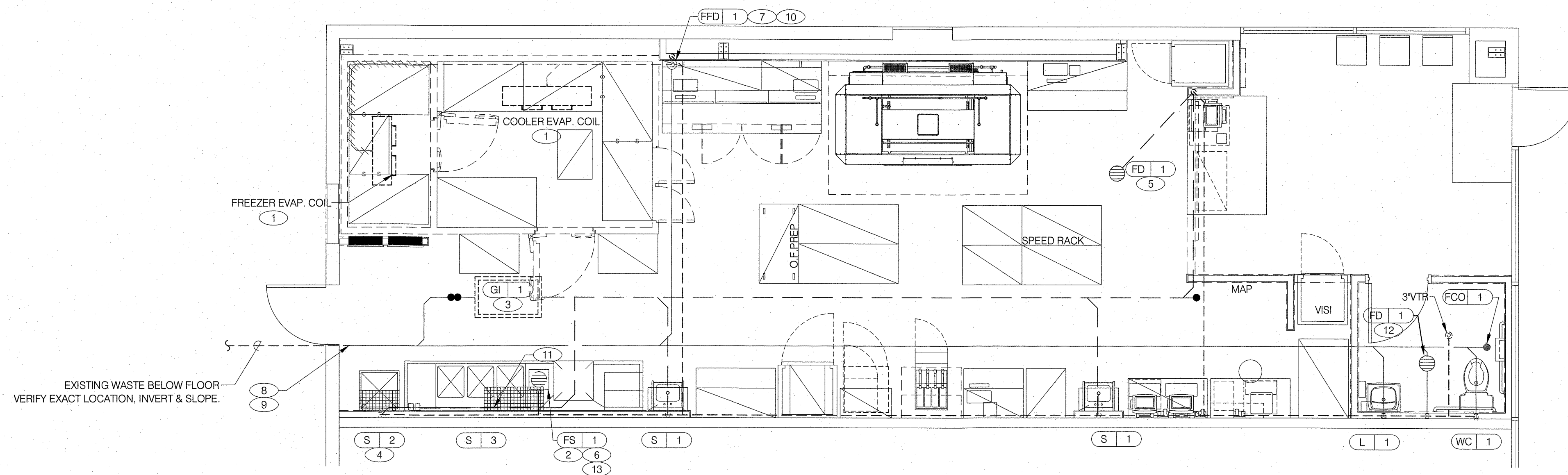
**EXHAUST FAN AND MAKEUP AIR DETAILS**

**M2.2**

PLOT DATE: 06/03/20



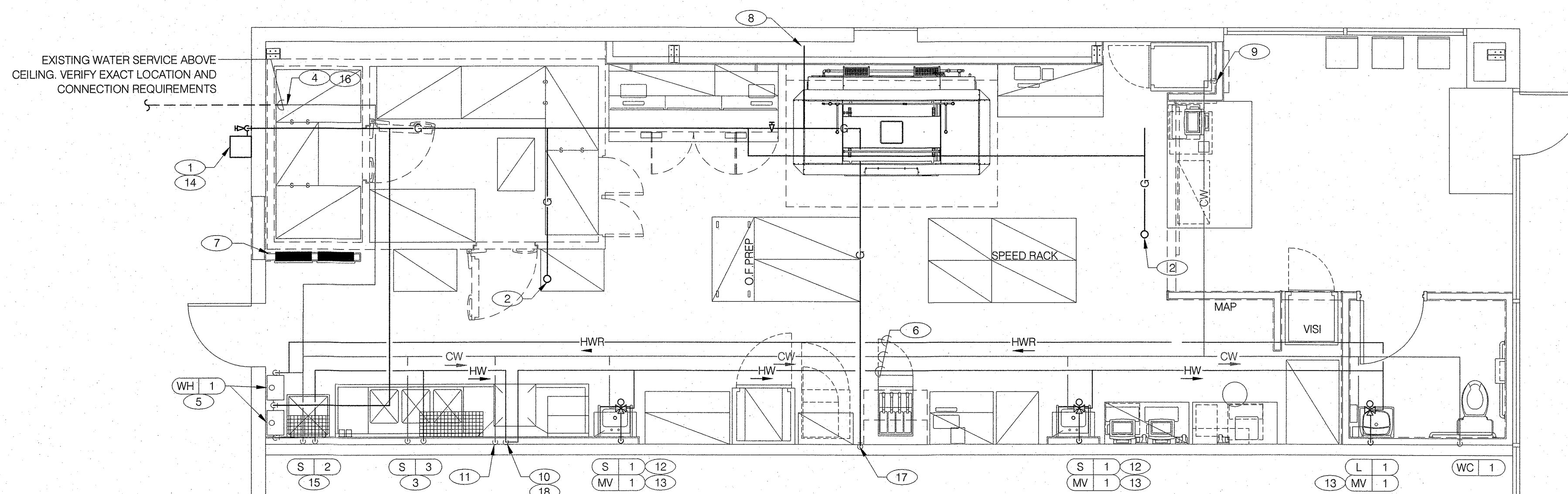




**PLUMBING WASTE AND VENT PLAN** 1/4"=1'-0" **A**

- 1 ROUTE EVAPORATOR COIL CONDENSATE DRAIN WITH PROPER SLOPE TO HUB DRAIN AND PROVIDE PROPER AIR GAP. CONDENSATE DRAIN LINES SHALL BE ROUTED AS CLOSE TO FREEZER/COOLER CEILING AS POSSIBLE. DRAIN LINE SHALL BE A MINIMUM OF 74" A.F.F. TO AVOID CONFLICT WITH SHELVING. PROVIDE ELECTRICAL HEAT TAPE ON DRAIN LINE IN FREEZER. INSULATE DRAIN LINES WITH 3/4" FOAM RUBBER PER SPECIFICATIONS. SEE DETAIL 5/P3.0.
- 2 PROVIDE INDIRECT WASTE CONNECTION FROM 3-COMPARTMENT SINK TO FLOOR SINK WITH PROPER AIR GAP. DRAWN IN WALKWAY FOR CLARITY.
- 3 GREASE TRAP SHALL BE INSTALLED UNDER SHELVING WITH A RIGID LID SUITABLE FOR FOOT TRAFFIC.
- 4 1-1/4" CONDENSATE DRAIN DOWN IN WALL AND TERMINATE ABOVE MOP SINK WITH PROPER AIR GAP.
- 5 FLOOR DRAIN SHALL BE INSTALLED FLUSH WITH FINISHED FLOOR. DO NOT SLOPE FLOOR TO DRAIN.
- 6 PROVIDE INDIRECT DRAIN FROM DISHWASHER TO FLOOR SINK WITH PROPER AIR GAP.
- 7 PROVIDE FLOOR SINK IN LIEU OF HUB DRAIN WHERE REQUIRED BY LOCAL CODES.
- 8 CONNECT NEW WASTE TO EXISTING WASTE BELOW FLOOR AS REQUIRED. VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS.
- 9 THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS FOR ROUTING AND CONNECTION OF WASTE LINES. ALL FIXTURE DRAINS AND TRAPS TO BE VENTED AS PER LOCAL CODE.
- 10 ROUTE CONDENSATE FROM AHU TO HUB DRAIN WITH AIR GAP PER LOCAL AHU.
- 11 ENTIRE RUN OF DRAIN LINES TO INLET OF GREASE INTERCEPTOR AND OUTLET OF INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DW OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- 12 PROVIDE TRAP PRIMER TO HUB/FLOOR DRAIN/SINK. REFER TO DETAIL 1/P3.0.
- 13 VERIFY DRAIN CONNECTION FROM VENTLESS HOOD TO DISHWASHER FOR PROPER DRAINAGE FROM HOOD PER MANUFACTURERS REQUIREMENTS.

**KEY NOTES** **B**

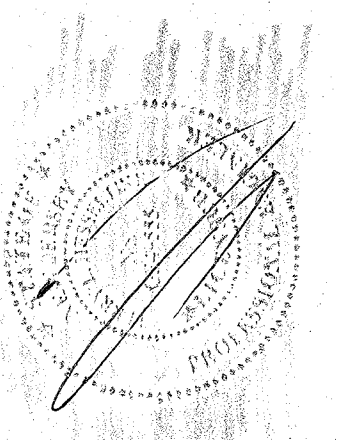


**PLUMBING WATER AND GAS PLAN** 1/4"=1'-0" **C**

- 1 VERIFY METER LOCATION AND CAPACITY WITH LOCAL GAS COMPANY. ROUTE NEW 2" LINE TO SPACE AS REQUIRED. MINIMIZE THE AMOUNT OF 90° TURNS WHERE POSSIBLE. ALL EXPOSED NATURAL GAS PIPING SHALL HAVE A PRIMER COAT OF ZINC RICH GALVANIZING PAINT FOR CORROSION PROTECTION.
- 2 GAS LINE TO CONNECT WITH AHU. INSTALL DRIP LEG, UNION, AND VALVE AT UNIT.
- 3 3/4" HOT AND COLD WATER DOWN IN WALL TO 3-COMPARTMENT SINK. INSTALL WATTS NO. 9N BACKFLOW PREVENTER FOR EACH WATER LINE CONNECTION TO FAUCET. INSTALL EXACTA SANITIZER DISPENSING SYSTEM PER DETAIL 10/P3.0.
- 4 CONNECT NEW 1" COLD WATER LINE TO EXISTING WATER SERVICE LINE ABOVE CEILING. FIELD VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS.
- 5 1" HW & CW, 1-1/4" GAS DOWN TO GAS FIRED WATER HEATER. PIPE RELIEF TO HUB DRAIN OR MOP SINK.
- 6 ROUTE HOT AND COLD WATER ABOVE CEILING, BELOW BUILDING INSULATION.
- 7 DO NOT ROUTE ANY PIPING OVER ELECTRICAL PANEL.
- 8 2" GAS DOWN TO OVENS. SEE OVEN GAS PIPING DETAIL 3/P3.0.
- 9 PLACE IN RECESSED W/D BOX: 1/2" COLD WATER LINE DOWN IN WALL AND VALVE AT 12" A.F.F. PROVIDE T&S 'SAFE-T-LINK' CW-4B-60, 3/8", 5 FT. COILED STAINLESS STEEL BRAIDED HOSE WITH EXTRUDED COATING - T&S AW-5B-SS 3/8" STAINLESS STEEL QUICK DISCONNECT TO CONNECT TO HOT HOLD CABINET WATER CONNECTION PER MANUFACTURERS INSTRUCTIONS.
- 10 PROVIDE 3/4" HOT WATER TO DISHWASHER/BOOSTER HEATER. CONTRACTOR SHALL PROVIDE AND INSTALL WATER HAMMER ARRESTOR (PDI SIZE A, ASSE 1010) AND 25 PSI PRESSURE REGULATING VALVE WITH INTERNAL THERMAL EXPANSION BY-PASS ON SUPPLY LINE. CONTRACTOR SHALL INSTALL VACUUM BREAKER AND ALL ACCESSORIES PROVIDED WITH DISHWASHER PER MANUFACTURERS REQUIREMENTS.
- 11 PROVIDE 1/2" CW CONNECTION TO VENTLESS HOOD SYSTEM AS REQUIRED BY MANUFACTURER.
- 12 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK WITH KNEE PEDAL CONTROL. REFER TO DETAIL 9/P3.0.
- 13 TEMPERING MIXING VALVE ABOVE CEILING. REFER TO DETAIL 9/P3.0.
- 14 THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS FOR ROUTING AND CONNECTION OF WATER AND GAS SERVICE.
- 15 VENDOR INSTALLS EXACTA SYSTEM AT MOP SINK, PR DETAIL 2/P3.0.
- 16 WATER DISTRIBUTION PIPING IS SHOWN ABOVE FINISH CEILING. UNDER SLAB DISTRIBUTION ALLOWED AT CONTRACTOR OPTION. COORDINATE ALL DETAILS.
- 17 1 1/4" GAS DOWN TO FRYER.
- 18 RUN HOT WATER LOOP DOWN WALL TO 66" AFF TO THE 3/4" DISHWASHER LINE.

**KEY NOTES** **D**

TDG #: 200-147



6.10.2020

DATE	DESCRIPTION

CONTRACT DATE: 03.05.20  
 BUILDING TYPE: DELCO LITE  
 PLAN VERSION: 01.29.16  
 SITE NUMBER: XXXXX  
 STORE NUMBER: XXXXX

**PIZZA HUT**  
 365 Convery Blvd  
 Perth Amboy, NJ



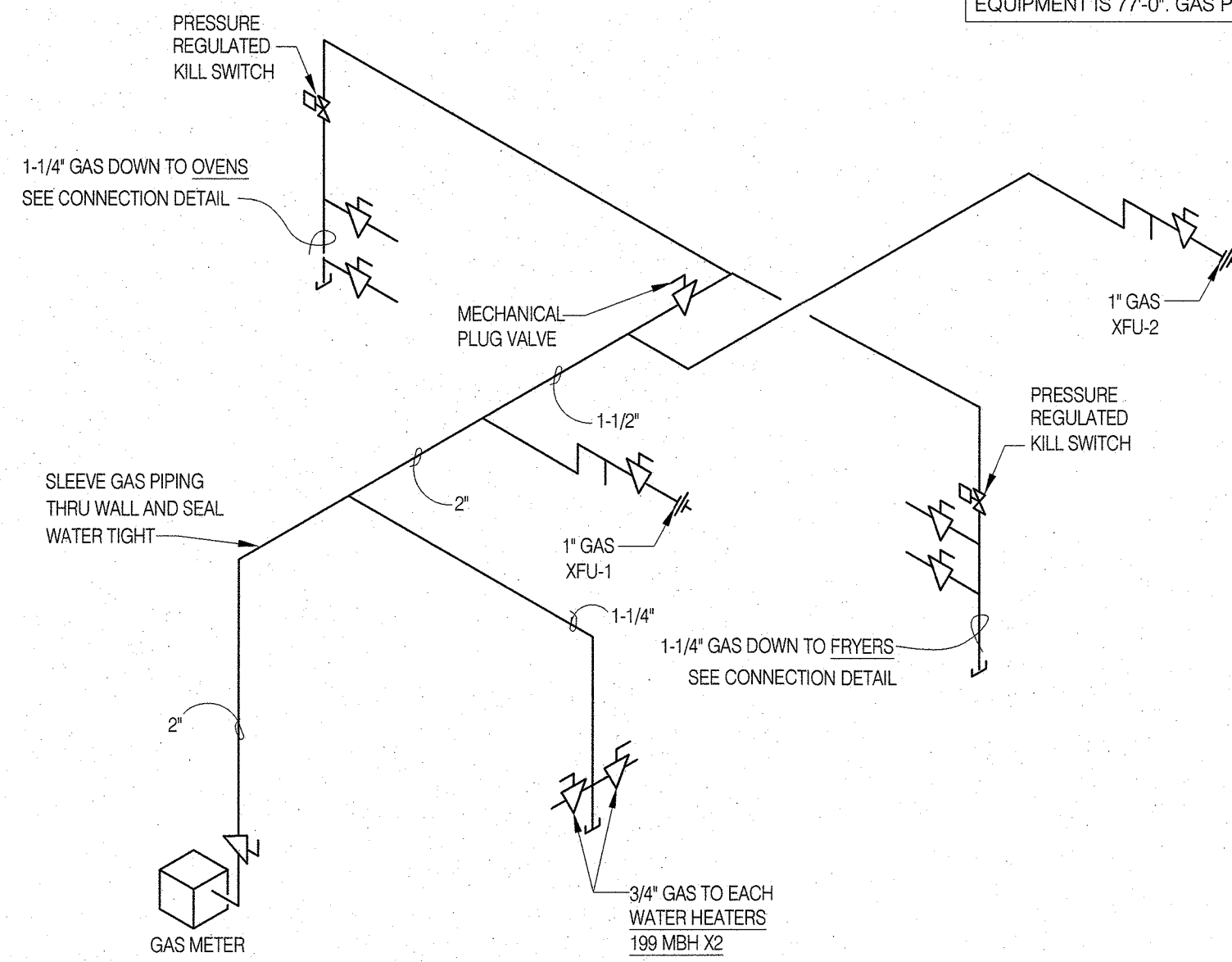
**PLUMBING PLANS**

**P2.0**

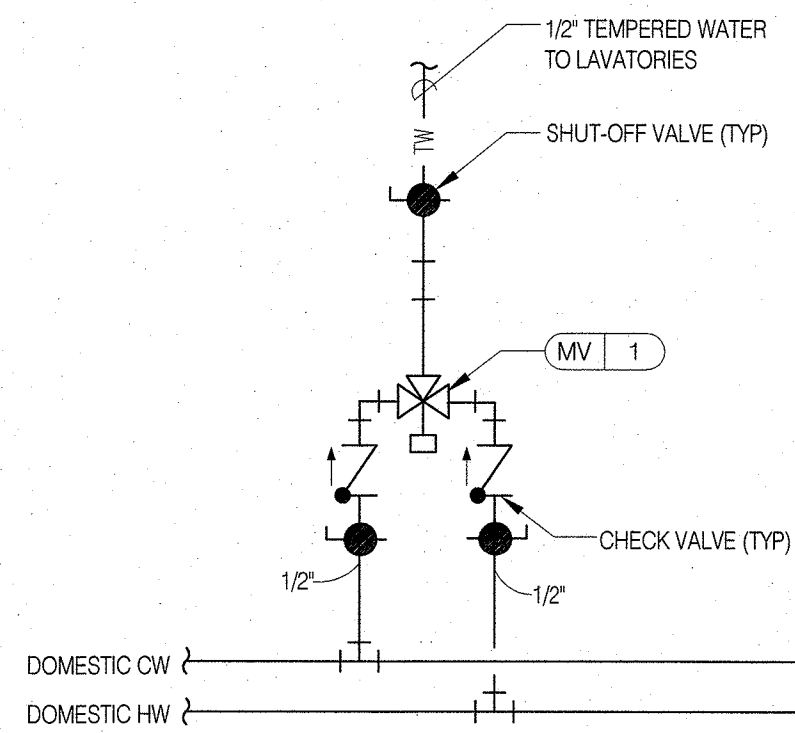
PLOT DATE: 06/03/20

GAS EQUIPMENT LIST		
OVENS	(2 @ 100 MBH)	= 200 MBH
FRYER	(2 @ 100 MBH)	= 200 MBH
WATER HEATERS	(2 @ 199 MBH)	= 398 MBH
XFU-1		= 110 MBH
XFU-2		= 110 MBH
TOTAL CONNECTED LOAD		= 1018 MBH

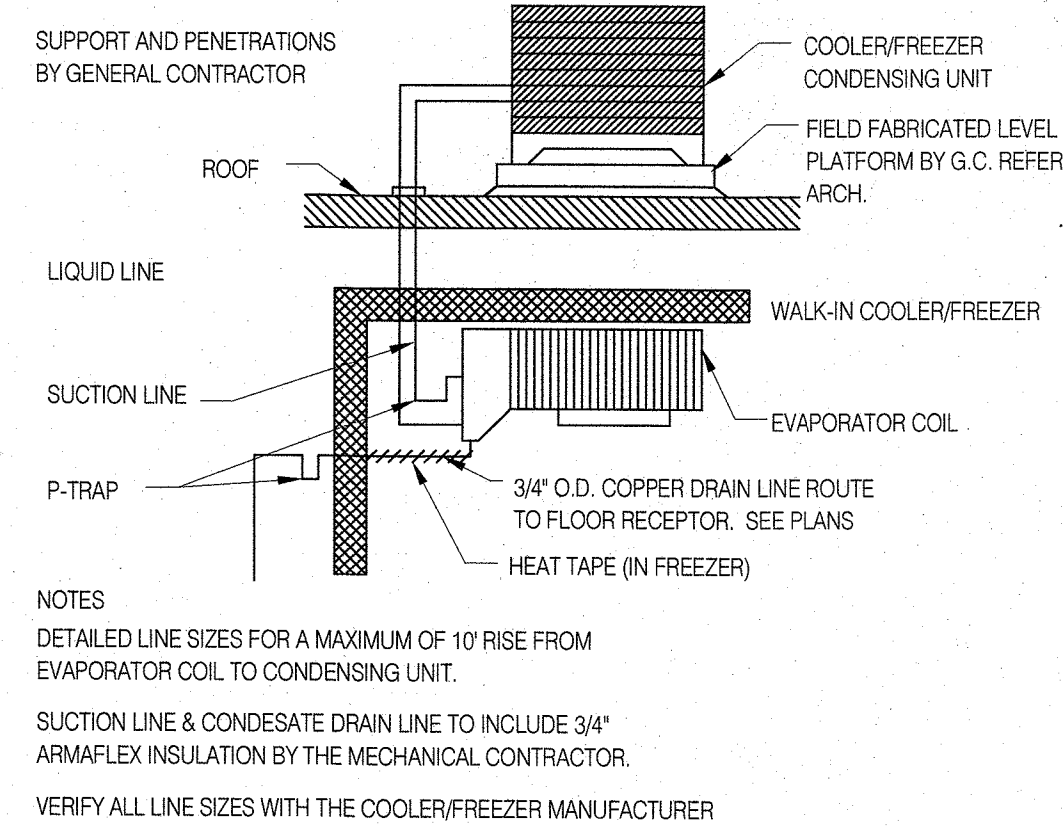
NOTE:  
PLUMBING CONTRACTOR SHALL VERIFY THE GAS PRESSURE AT EACH APPLIANCE BEFORE TURNOVER. LENGTH FROM METER TO FURTHEST EQUIPMENT IS 77'-0". GAS PIPE SIZE DEVELOPED PER 90'-0".



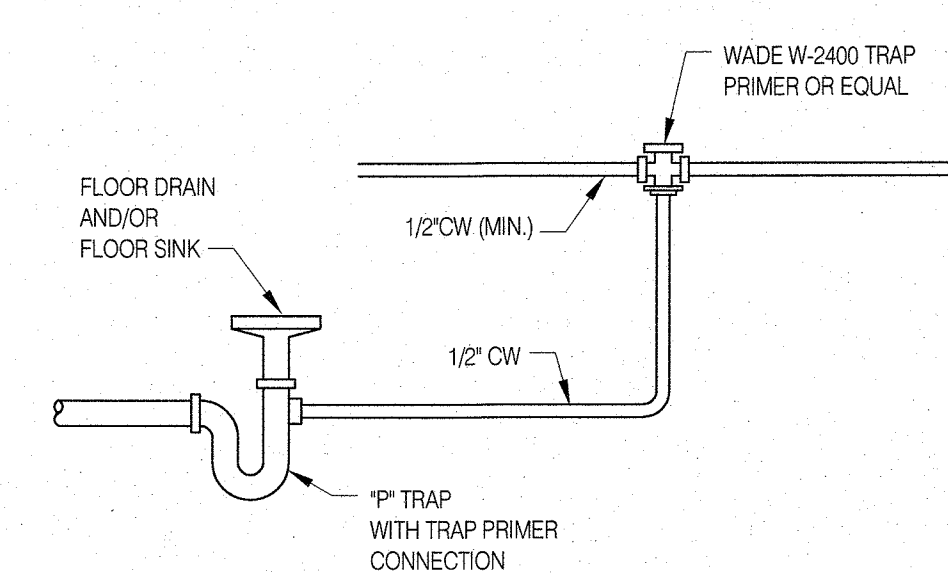
**GAS ISOMETRIC** N.T.S. **11**



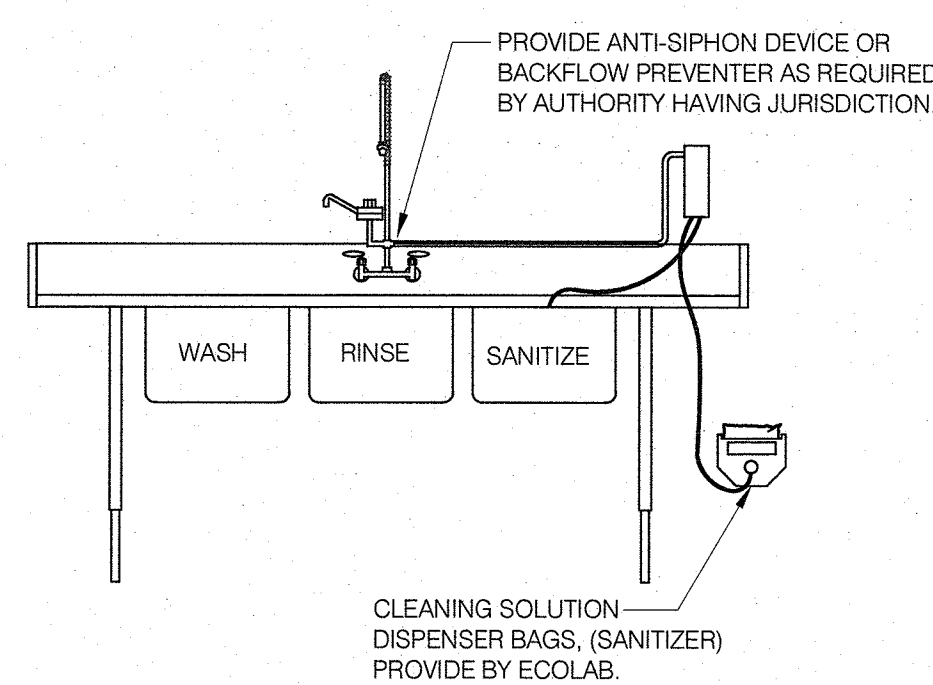
**TEMPERING VALVE DETAIL** N.T.S. **9**



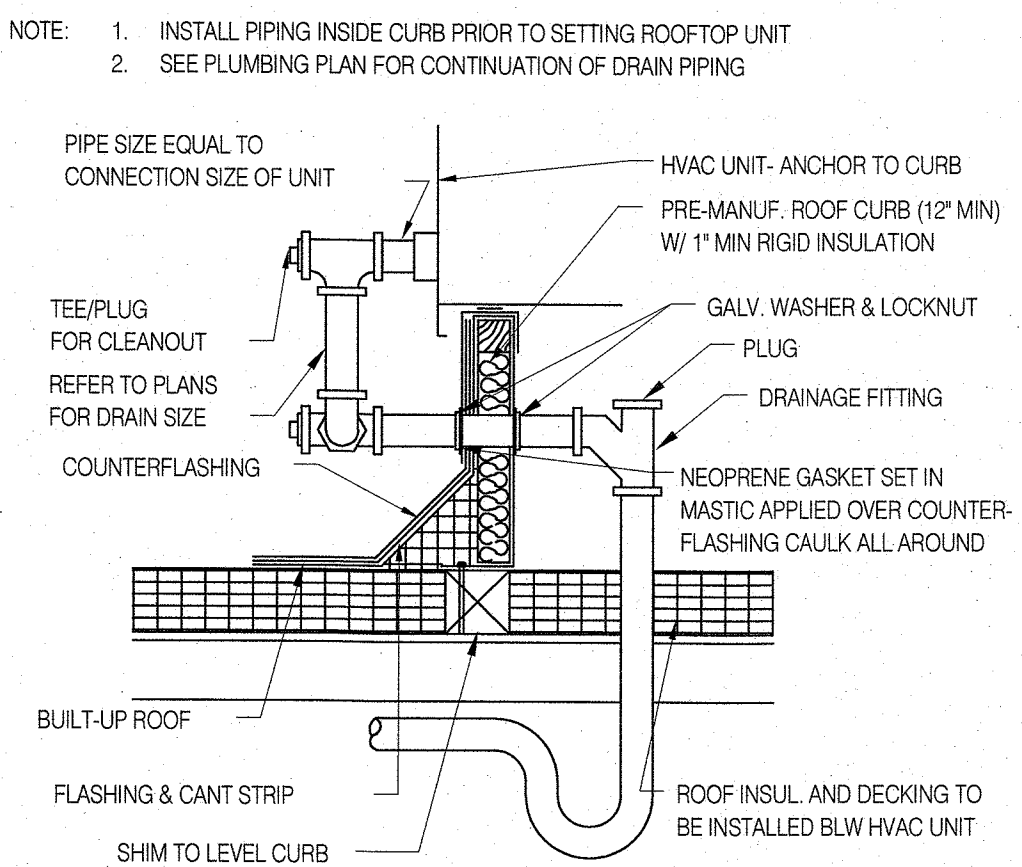
**COOLER/FREEZER PIPING** N.T.S. **5**



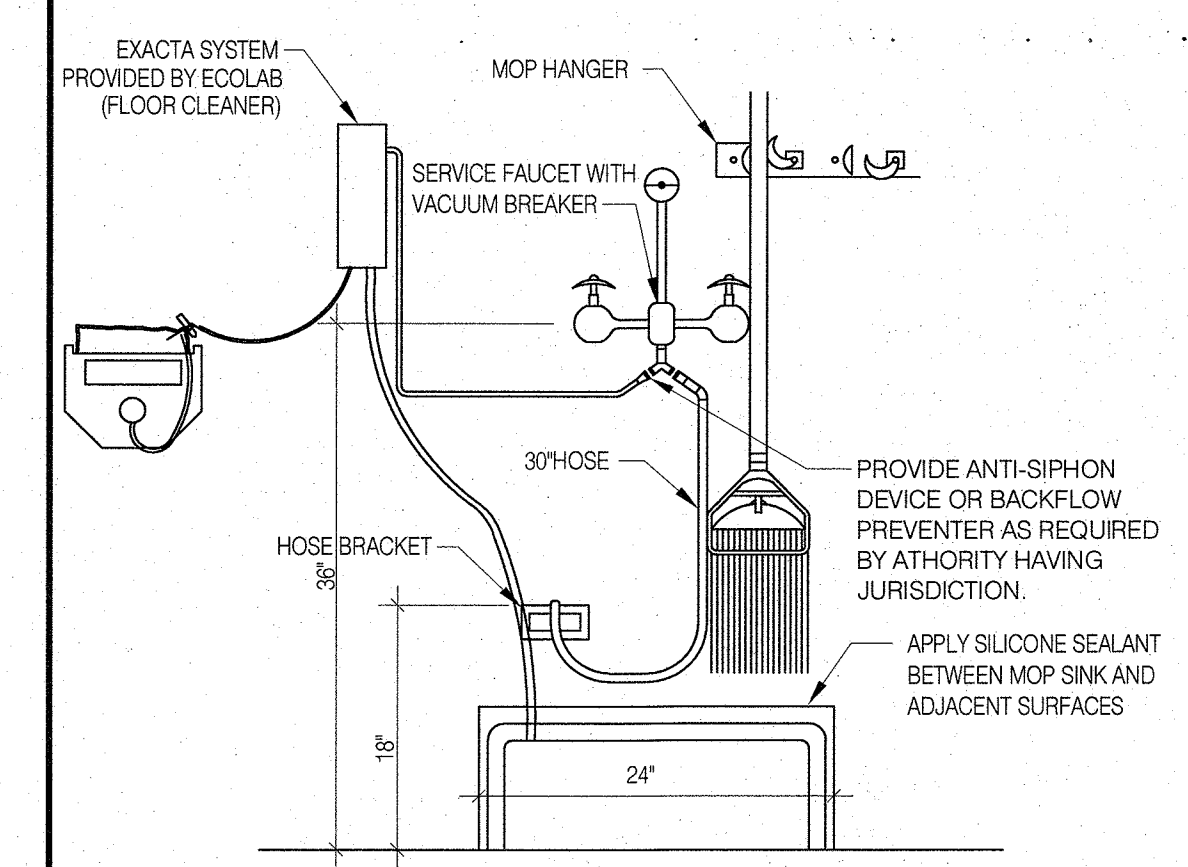
**TRAP PRIMER DETAIL** N.T.S. **1**



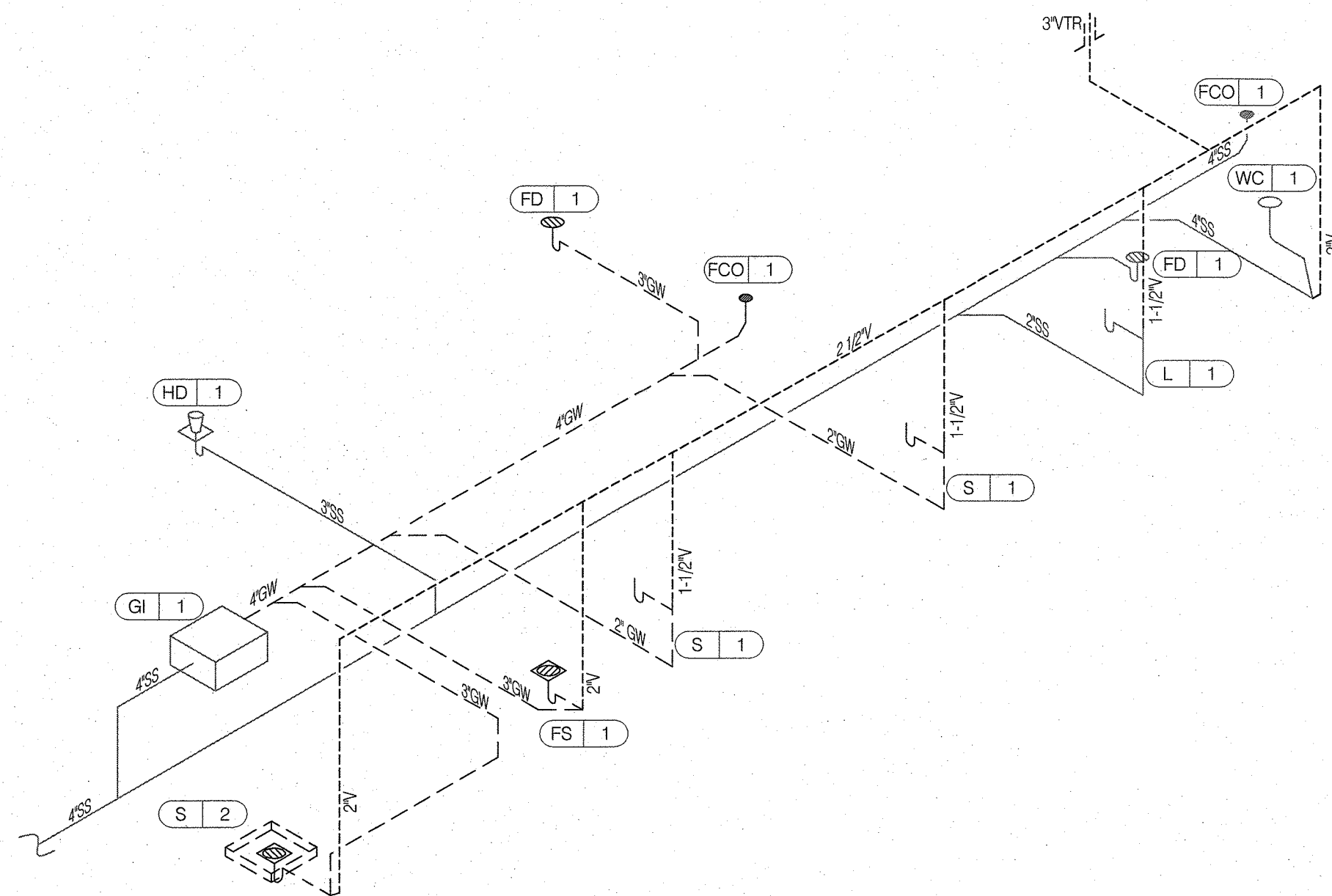
**3-COMP SINK EXACTA SYSTEM DETAIL** N.T.S. **10**



**RTU COND. DRAIN DETAIL** N.T.S. **6**

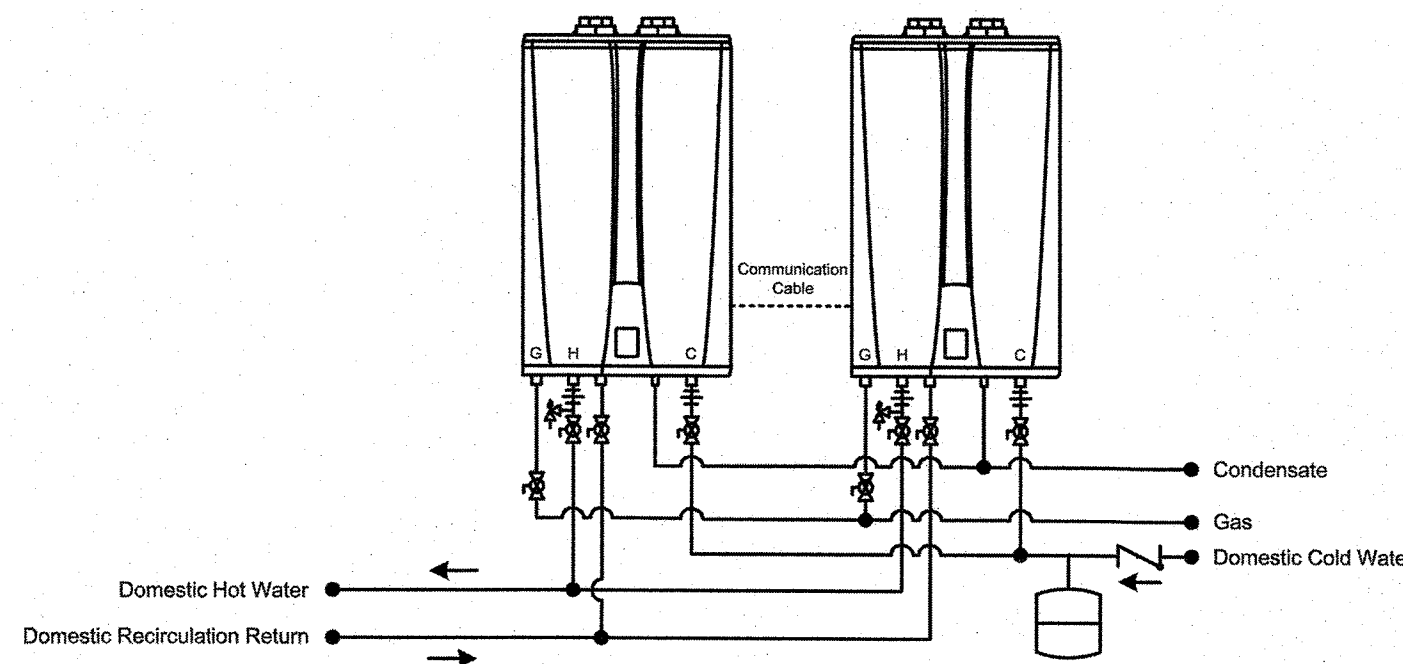


**MOP SINK DETAIL** N.T.S. **2**



**WASTE ISOMETRIC** N.T.S. **12**

This drawing is intended only as a guide and not as a replacement for professionally engineered project drawings. This concept system drawing does not imply compliance with local building codes. Actual installation may vary depending on installation location & parameters and it must be done in accordance to all local building codes. Verify with local building officials before commencement of system installation.

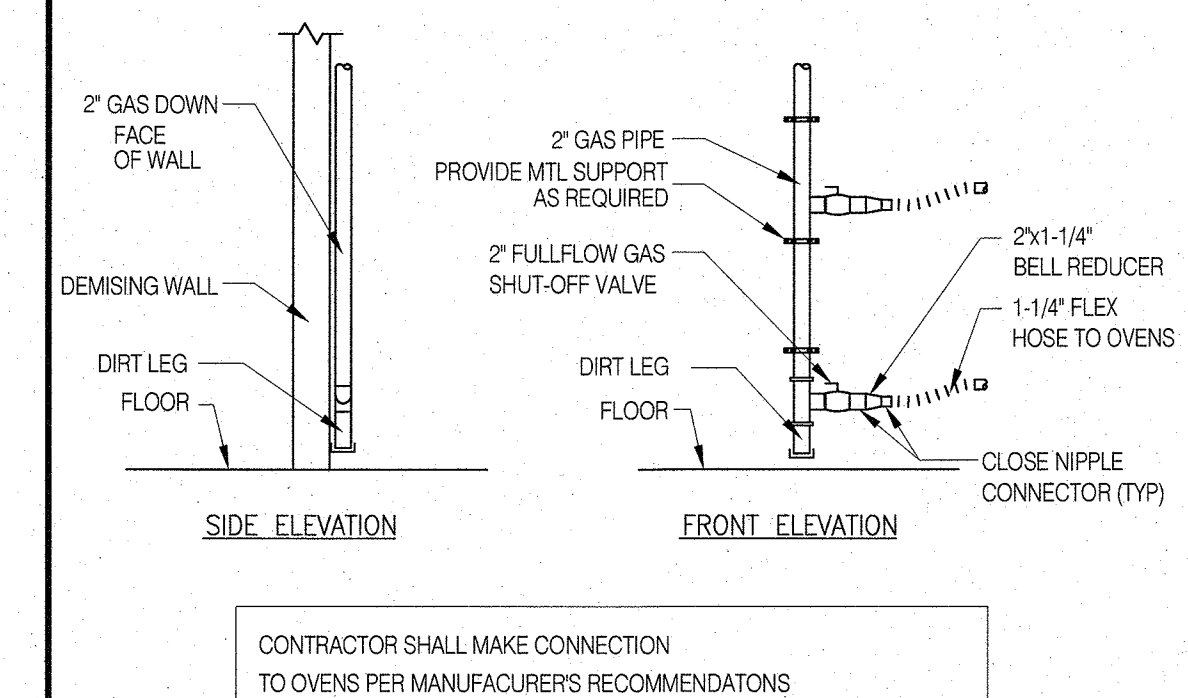


Recommended Pipe Size/Heater Count	1 Unit - 3/4"	2 Units - 1"	3 Units - 1-1/4"	4 to 5 Units - 1-1/2"	6 to 8 Units - 2"	9 to 14 Units - 2-1/2"	15 to 16 Units - 3"
<b>Navien</b>							
NPE-A Series Tankless Water Heater							
Two NPE-A Tankless Recirculation Mode							
20 Goodyear Irvine, CA 92618 800-519-8794 www.Navien.com		Drawn By: B. Fenske		NPE-A-2-E-BF02		August 1, 2013	

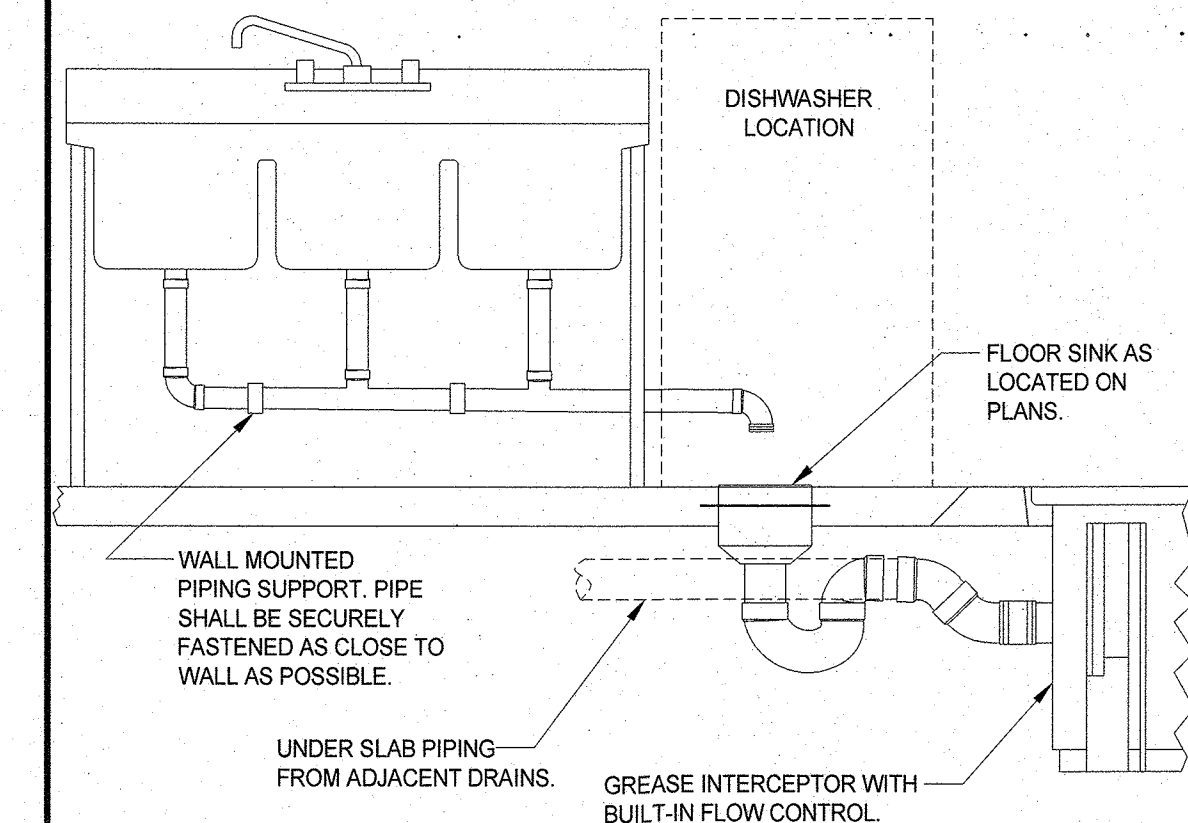
This is not an engineered drawing, it is intended only as a guide and not as a replacement for professionally engineered project drawings. It does not imply compliance with local building codes. Installation must be done in accordance with local building codes and may vary depending on installation location. Confer with local building officials before installation.

NOTE:  
Please review Venting Instructions/Guidelines for proper components and installation  
Condensate trap to seal against flue gas leakage.  
Condensate drain must be installed in accordance with local codes and installation instructions.  
Controllers to be set to 140 degrees

**TANKLESS WATER HEATER DETAIL** N.T.S. **7**

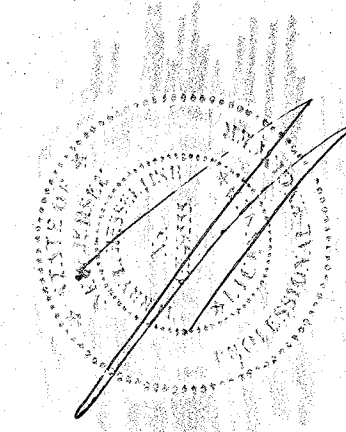


**OVEN GAS PIPING DETAIL** N.T.S. **3**



**TYPICAL GREASE INTERCEPTOR DETAIL** N.T.S. **4**

TDG #: 200-147



6.10.2020

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DRAWN BY: TG CHECKED BY: TH

CONTRACT DATE: 03.05.20  
BUILDING TYPE: DELCO LITE  
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SITE NUMBER: XXXX  
STORE NUMBER: XXXXX

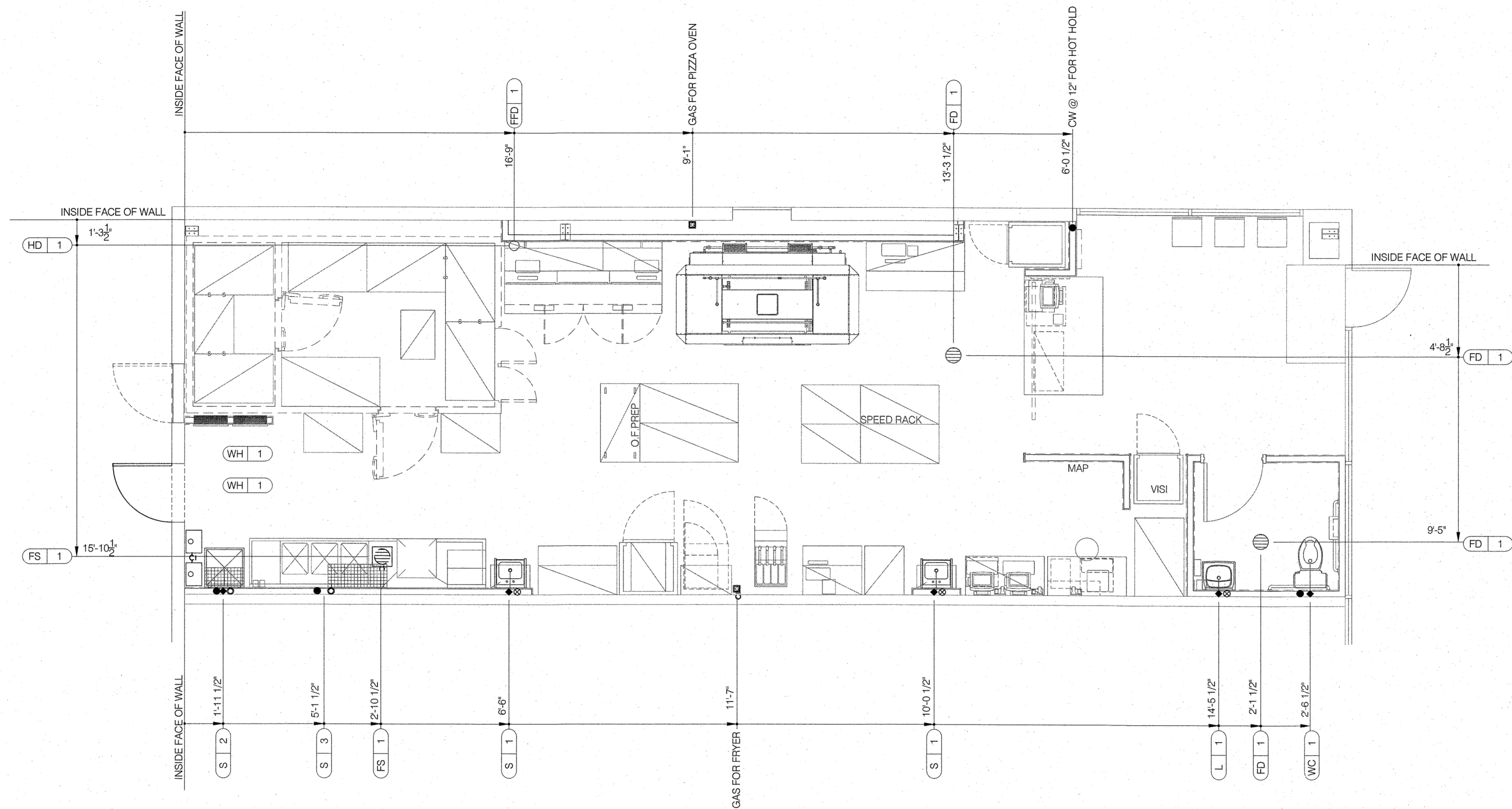
**PIZZA HUT**  
365 Convery Blvd  
Perth Amboy, NJ

**DELCO LITE**

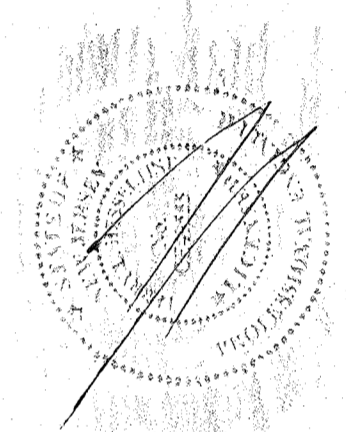
**PLUMBING DETAILS & RISER DIAGRAMS**

**P3.0**

PLOT DATE: 06/03/20



TDG #: 200-147



6.10.2020

DRAWN BY: TG	CHECKED BY: TH
DATE	DESCRIPTION

CONTRACT DATE: 03.05.20  
 BUILDING TYPE: DELCO LITE  
 PLAN VERSION: 01.29.16  
 SITE NUMBER: XXXXX  
 STORE NUMBER: XXXXX

**PLUMBING ROUGH-IN PLAN** 1/4"=1'-0" A

EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FS 1	FLOOR SINK		--	
FD 1	FLOOR DRAIN		--	
HD 1	HUB DRAIN		--	
WH 1	WATER HEATER	CW	--	ABV. CEILING
WH 1	WATER HEATER	G	--	ABV. CEILING
WC 1	WATER CLOSET	CW	+29" A.F.F.	BOTH HANDICAP AND REGULAR
L 1	LAVATORY	TW	+20" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	
S 1	HAND SINK	TW	+18" A.F.F.	RIM OF LAV @ +2-8" A.F.F.
S 2	MOP SINK	W		
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F.	
S 3	3-COMPARTMENT SINK	W	+19" A.F.F.	
S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F.	

- HOT WATER
- COLD WATER
- ◐ TEMPERED WATER
- GAS
- ⊕ FLOOR DRAIN
- ⊗ FLOOR SINK
- HUB DRAIN
- ◆ WASTE OUTLET
- ⊙ FLOOR CLEANOUT

- ALL DIMENSIONS TO FLOOR SINKS, FLOOR DRAINS AND HUB DRAINS ARE TO CENTER OF FIXTURE.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ALL PLUMBING ROUGH-INS WITH INFORMATION PROVIDED ON THE ARCH AND STRUCTURAL DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS INDICATED HEREIN.
  - PLUMBER TO COORDINATE ROUGH IN OF MOP SINK WITH G.C. TO ALLOW FOR WASTE INTERFERENCE WITH GRADE BEAM. SLEEVE THROUGH GRADE BEAM AS REQUIRED.
- \* CHILLED & FILTERED.

PIZZA HUT  
 365 Convery Blvd  
 Perth Amboy, NJ



**PLUMBING ROUGH-IN PLAN**  
**P4.0**  
 PLOT DATE: 06/03/20

**PLUMBING ROUGH-IN SCHEDULE** D

**SYMBOL LEGEND** C

**PLUMBING ROUGH-IN NOTES** B