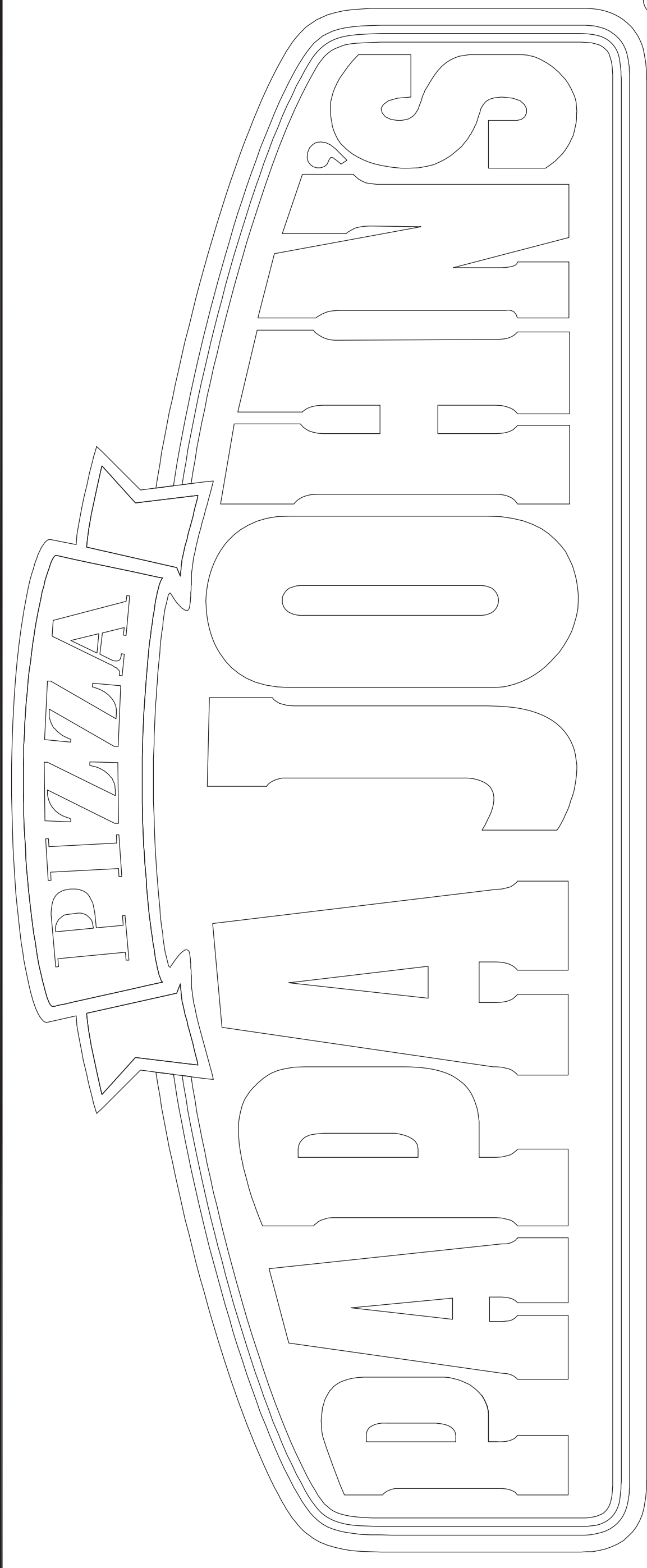




PAPA JOHN'S INTERNATIONAL, INC.
2002 PAPA JOHN'S BLVD.
LOUISVILLE, KENTUCKY 40299

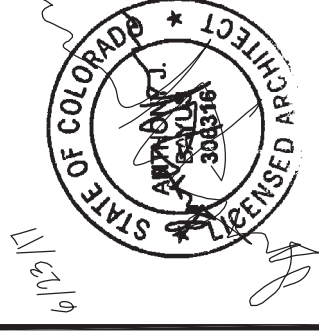


Better Ingredients.
Better Pizza.

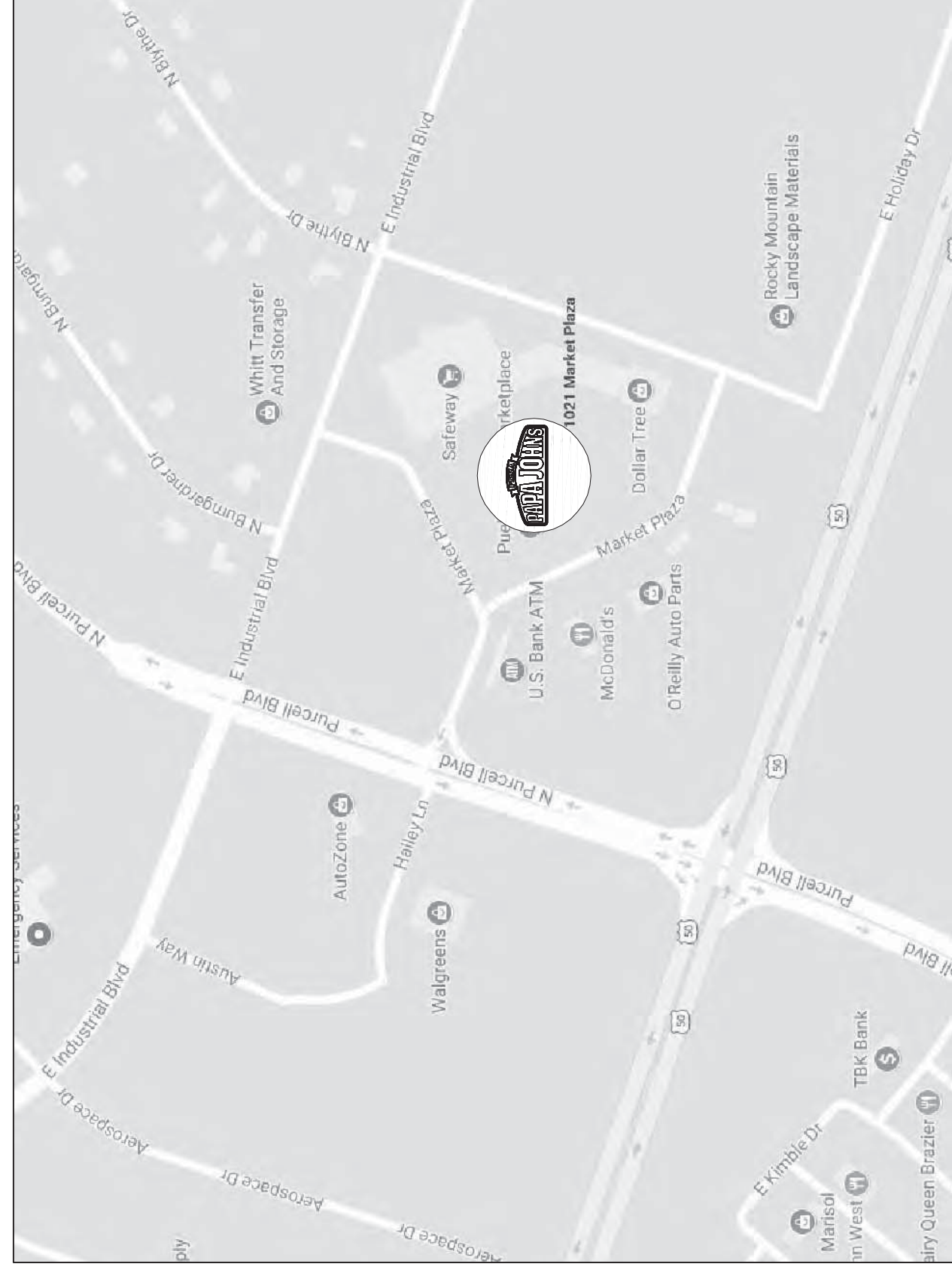
CORPORATE ENGINEERS
KERR-GREULICH ENGINEERS, INC.
1534 ORMSBY STATION COURT
LOUISVILLE, KY 40224
(502) 426-9457 (PHONE)

CORPORATE HEADQUARTERS
PAPA JOHN'S INTERNATIONAL, INC.
2002 PAPA JOHN'S BLVD.
LOUISVILLE, KY
(502) 261-4276
CONTACT: ERIC COLLINS

ARCHITECT
ANTHONY J BAYUS ARCHITECT
13050 MAGISTERIAL DRIVE, SUITE 102
LOUISVILLE, KENTUCKY 40223
(502) 426-8020
robert@bayusdesign.com



LOCATION MAP



BUILDING CODE DESIGN DATA
BUILDING/STRUCTURAL: 2015 INTERNATIONAL BUILDING CODE
PLUMBING CODE: 2015 INTERNATIONAL PLUMBING CODE
ELECTRICAL CODE: 2014 NATIONAL ELECTRICAL CODE
MECHANICAL CODE: 2015 INTERNATIONAL MECHANICAL CODE
ENERGY CODE: 2015 INTERNATIONAL ENERGY CONSERVATION CODE
FUEL/GAS CODE: 2015 INTERNATIONAL FUEL GAS CODE
FIRE CODE: 2009 INTERNATIONAL FIRE CODE w/ AMENDMENTS
ACCESSIBILITY CODE: 2009 ICC A117.1
CONSTRUCTION TYPE (CHAPTER 6): IIB
USABLE SQ. FOOTAGE: ±1,353 SQ. FT.
OCCUPANCY TYPE: B
OCCUPANCY LOAD: 10
SPRINKLERED: NO
REQUIRED EXITS: 1
PROVIDED EXITS: 2

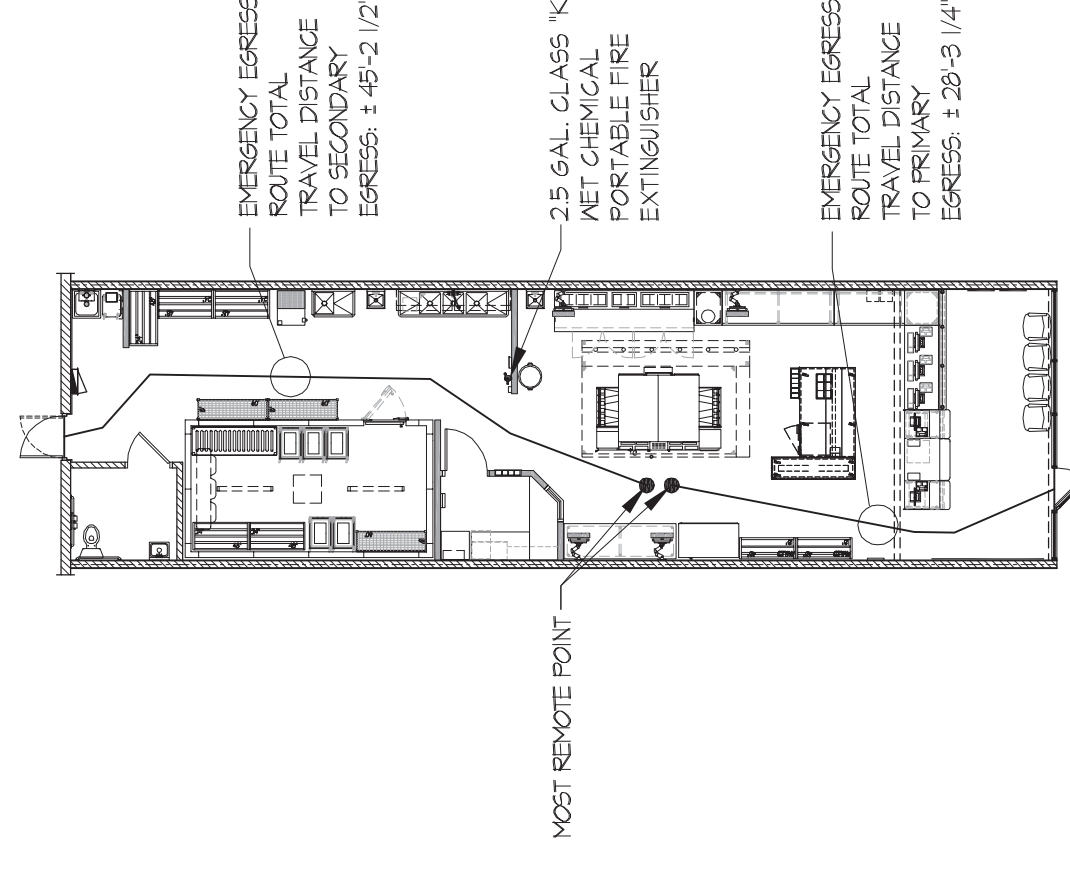
DRAWING INDEX

ARCHITECTURAL
COV-1 COVER SHEET, LOCATION MAP
A-1 FLOOR PLAN, DOOR SCHEDULE, GENERAL NOTES
A-2 EQUIPMENT PLAN AND EQUIPMENT SCHEDULE
A-3 FINISH PLAN, WALL DETAILS, FINISH SCHEDULE
MECHANICAL, ELECTRICAL, PLUMBING (BY OTHERS)
REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR DRAWING INDEX.

OCCUPANT LOAD CALCULATION

BUSINESS @ SQ FT/100	203 / 100	=	3
RESTROOM AREAS (1 OCCUPANT PER RESTROOM)	1	=	1
STORAGE AREAS @ SQ FT/300	152 / 300	=	1
KITCHEN AREAS @ SQ FT/200	871 / 200	=	5
TOTAL OCCUPANT LOAD =			10

LIFE SAFETY PLAN



SYMBOLS LEGEND

- WALL TYPE SYMBOL - REFER TO PARTITION TYPES
- FLOOR PLAN KEYNOTE
- DOOR NUMBER
- EQUIPMENT SYMBOL
- WINDOW TYPE SYMBOL
- REFLECTED CEILING SYMBOL
- REVISION SYMBOL
- DETAIL KEY
- ELEVATION KEY
- WALL SECTION KEY
- TRENCH DRAIN
- FLOOR DRAIN
- ELEC. WATER COOLER

NEW TENANT IMPROVEMENT FOR
PAPA JOHN'S PIZZA STORE
1021 MARKET PLAZA, SUITE 106
PUEBLO WEST, CO 81007

ANTHONY J. BAYUS ARCHITECT
13050 MAGISTERIAL DRIVE, SUITE 102
LOUISVILLE, KENTUCKY 40223
FAX: (502) 426-8023

DATE: 6/23/17
DATE REVISED:

SHEET TITLE
COVER SHEET
LOCATION MAP
SHEET NUMBER

DOOR SCHEDULE

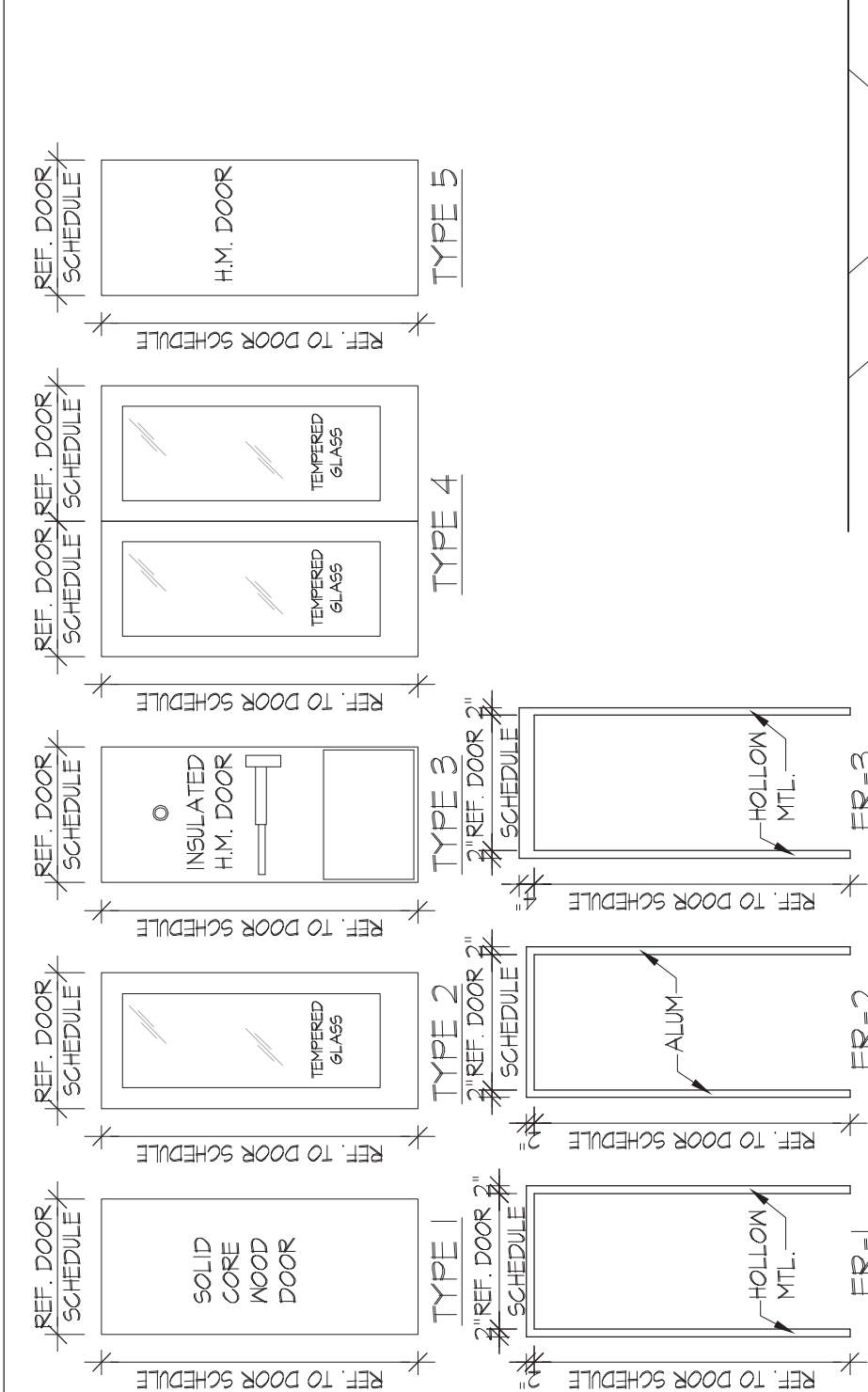
MARK SIZE	DOOR	MAT'L	FRAME THRESHOLD	HDWR.	ELEV.	REMARKS
1	3'-0" X 7'-0" (EXISTING)	ALUM./GL.	FR-1	----	1	1, 3, 5, 6, 1, 8, 11
2	3'-0" X 7'-0"	ALUM./GL.	FR-1	----	5	2, 3, 9, 1, 8, 10, 11
3	3'-0" X 7'-0" (EXISTING)	SCM	FR-1	----	1	1, 2, 3, 4, 5, 7, 8
4	3'-0" X 7'-0" X 3/4"	SCM	FR-1	----	4	1, 2, 3, 7, 8

- REMARKS:**
- GLAZING IN DOORS SHALL BE SAFETY GLAZING IN ACCORDANCE WITH CPSC 16 CFR PART 201.
 - DOOR FRAMES TO BE PAINTED.
 - SEE HARDWARE NOTES, THIS SHEET.
 - PROVIDE RESTROOM SIGNAGE AT WALL OUTSIDE OF DOOR AS PER GOVERNING AUTHORITIES REFER TO DETAIL IA-A-3
 - RE-KEY EXIST. DOOR PER OWNER'S REQUIREMENTS.
 - REFRESH WEATHERSTRIPPING DOOR BOTTOM, ETC. TO LIKE NEW CONDITION.
 - DOOR HARDWARE SHALL BE READILY OPEABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
 - DOOR HANDLES, RILLS, LATCHES, LOCKS AND OTHER DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.
 - PROVIDE PANIC HARDWARE.
 - 6.C. TO SUPPLY AND INSTALL PEEP HOLE (MODEL 1050000 MARKVOCK HERSELEY DOOR SCOPE 600-274-7287).
 - 6.C. TO SUPPLY AND INSTALL 18"x24" STAINLESS STEEL KICK PLATE.
 - 6.C. TO SUPPLY AND INSTALL 18"x24" STAINLESS STEEL KICK PLATE.
 - 6.C. TO PROVIDE AND INSTALL 26"x24 3/4" W VENTED LOUVER.
 - 6.C. TO INSTALL SIGNAGE ON DOOR STATING THAT THIS IS NOT AN EXIT.

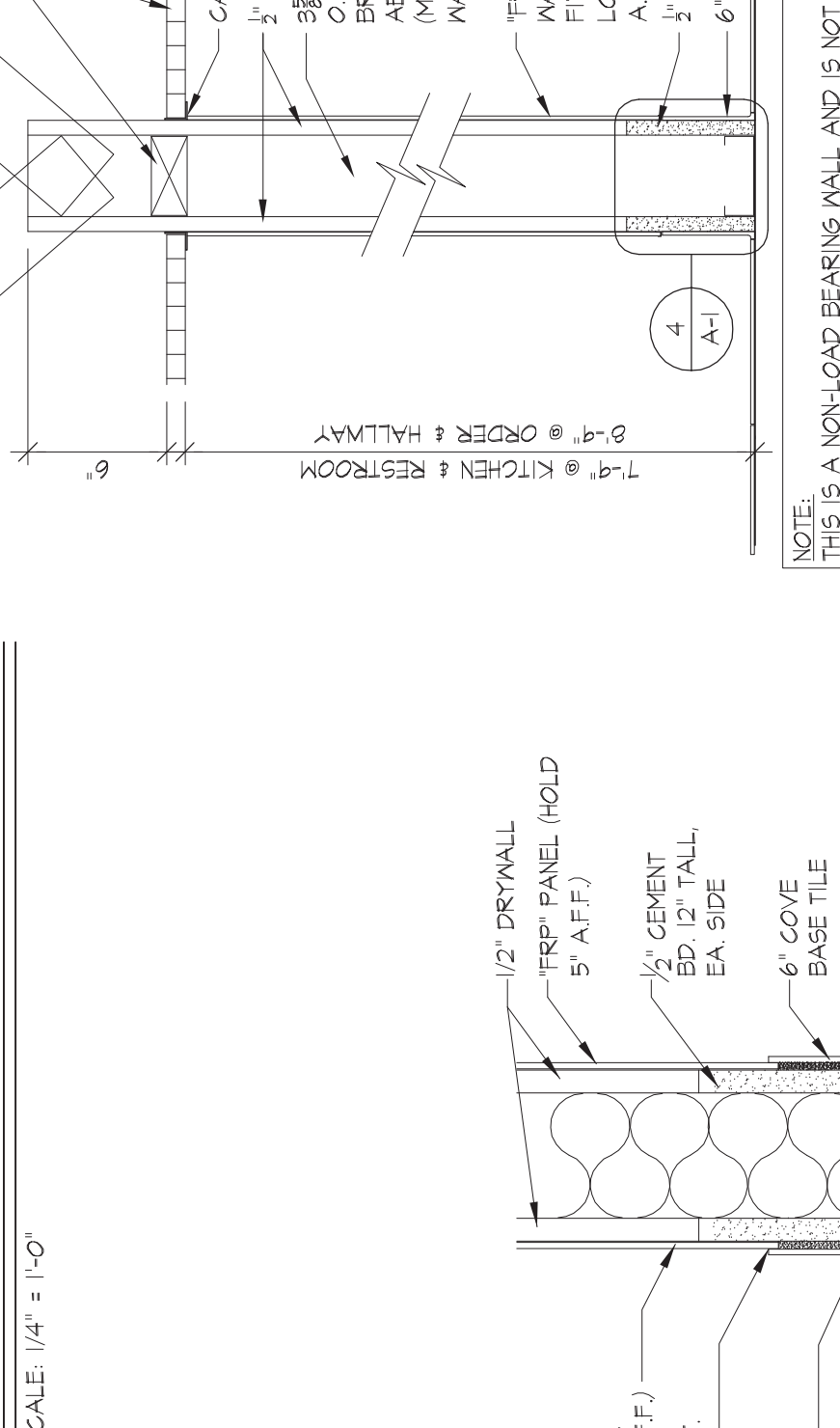
HARDWARE SCHEDULE:

SET #1	SET #2	SET #3	SET #4	SET #5
1. REPAIR EXISTING DOOR	1. CARRIES 1" SERIES 5 1/2" x 6 GA	1. CARRIES 1" SERIES 5 1/2" x 6 GA	1. CARRIES 1" SERIES 5 1/2" x 6 GA	1. SCALOE 20-001 1/4" SECTION
2. LIKE NEW CONDITION, NEW WALL	1. KNOCKDOWN FRAME (PAINT)	1. KNOCKDOWN FRAME (PAINT)	1. CORE DOOR FRAME (PARTICLE BOARD)	1. KNOCKDOWN FRAME (PAINT)
3. RE-KEY DOOR TO OWNER'S REQUIREMENTS	1. CORE DOOR FRAME (PARTICLE BOARD)	1. CORE DOOR FRAME (PARTICLE BOARD)	1. CORE DOOR FRAME (PARTICLE BOARD)	1. CORE DOOR FRAME (PARTICLE BOARD)
4. MASTER & SUB-MASTER	1/2" PR HAGER BEZEL W/ 1/2" x 1/2" x 1/2" FINISH	1/2" PR HAGER BEZEL W/ 1/2" x 1/2" x 1/2" FINISH	1/2" PR HAGER BEZEL W/ 1/2" x 1/2" x 1/2" FINISH	1/2" PR HAGER BEZEL W/ 1/2" x 1/2" x 1/2" FINISH
5. 6A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
6. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
7. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
8. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
9. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
10. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
11. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
12. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
13. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP
14. 8A	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP	1. HAGER 126 CHARCOAL WEATHERSTRIP

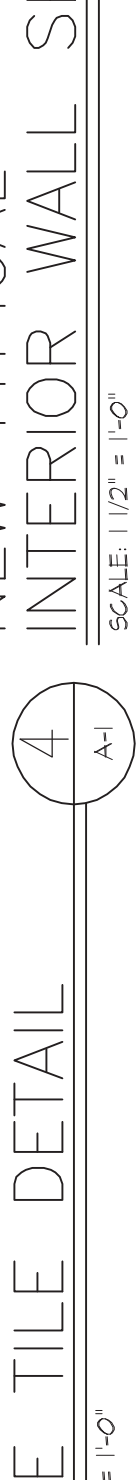
- DOOR/HARDWARE NOTES:**
- ALL HARDWARE TO MEET ALL LOCAL AND ACCESSIBILITY CODES. ALL HARDWARE TO BE LEVEL TYPE ON ALL DOORS.
 - ALL EXIT DOORS TO BE INTERIOR LATCH TYPE THAT OPEN WITHOUT A KEY OR ANY SPECIAL KNOWLEDGE.
 - STANDARD FINISH FOR HARDWARE TO BE USED.
 - UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE (2) CHANGE KEYS PER LOCK CYLINDER AND (3) USER KEYS.
 - MINIMUM ADA A.G. REQUIREMENTS FOR THRESHOLDS (4-13), DOOR HARDWARE (4-13) AND DOOR OPENING FORCE (4-13).
 - INTERIOR DOORS ON ACCESSIBLE ROUTES SHALL BE PROVIDED WITH AN OPERATING FORCE OF 5 LBS. OR LESS.
 - ALL DOORS PROVIDED WITH DOOR CLOSURES SHALL BE ADJUSTED TO COMPLY WITH THE ADA A.G. REQUIREMENTS FOR DOOR CLOSURES, SECTION 4-13.10.
 - NO CHANGE IN FINISHED FLOOR LEVEL AT ANY DOOR IN THIS SPACE.



DOOR & FRAME ELEV.



NEW TYPICAL INTERIOR WALL SECTION



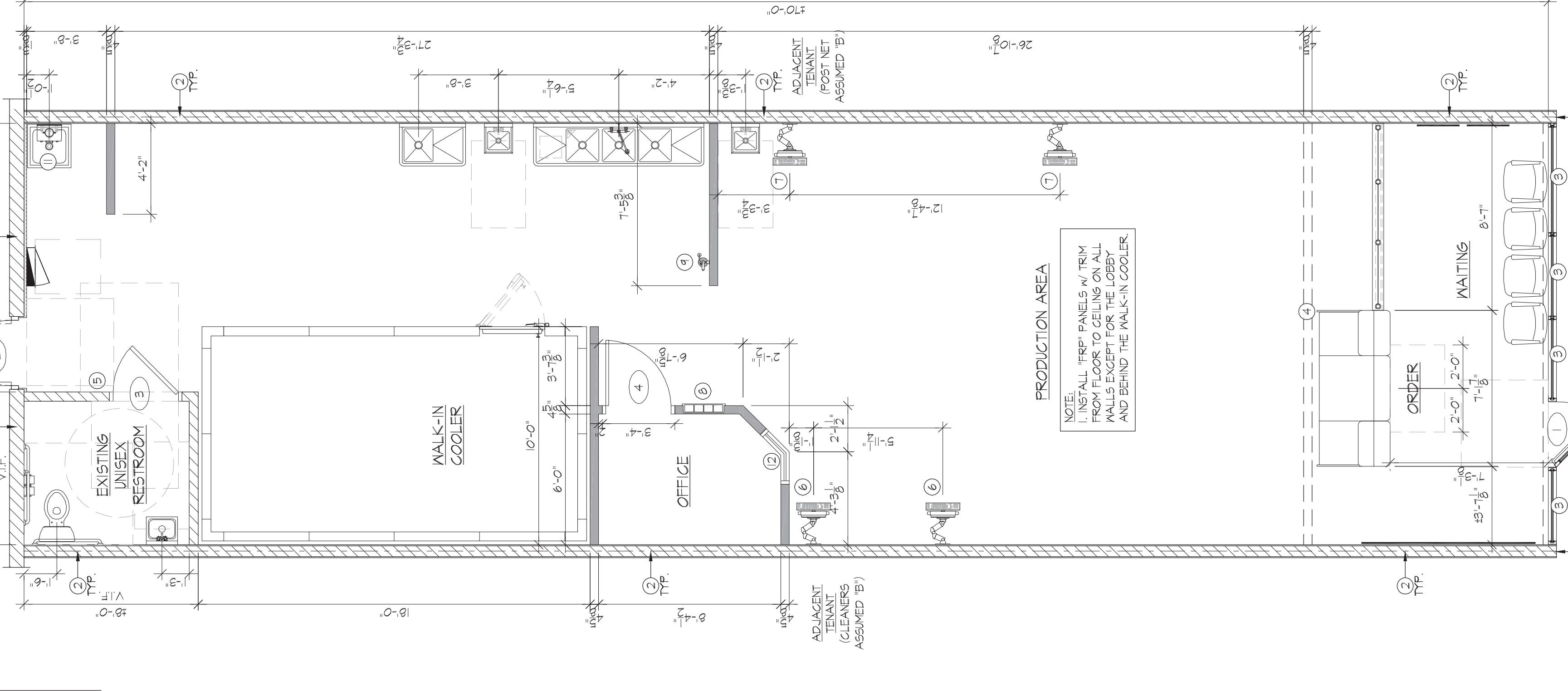
MALL LEGEND

- EXISTING WALL TO REMAIN PATCH AND REPAIR AS NECESSARY.
- EXISTING TENANT SEPARATION WALL TO REMAIN. PATCH AND REPAIR EXISTING GNB AS REQUIRED. GNB TO EXTEND TO UNDERSIDE OF DECK. MAINTAIN ANY EXISTING FIRE RATINGS.
- NEW WALL REFER TO 9-A-1 AND FLOOR PLAN TO 3\"/>

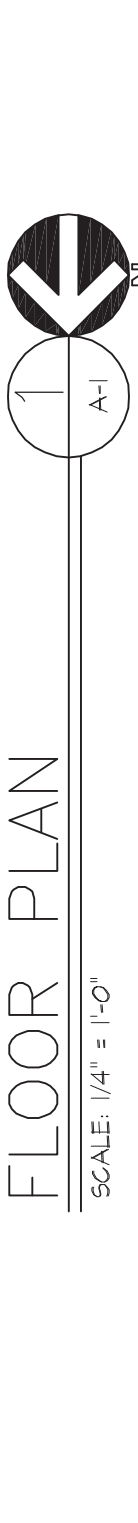
- EXISTING EXTERIOR WALL CONSTRUCTION TO REMAIN. PATCH AND REPAIR AS REQUIRED.
- EXISTING TENANT SEPARATION WALL TO REMAIN. PATCH AND REPAIR AS REQUIRED. GNB TO EXTEND TO UNDERSIDE OF DECK. MAINTAIN ANY EXISTING FIRE RATINGS.
- EXISTING STOREFRONT TO REMAIN.
- NEW SOFFIT ABOVE REFER TO 2/A-1.
- RESTROOM SIGN REFER TO IA-A-3.
- DRIVE TABLE MONITOR REFER TO IA-A-3.
- MANC LINE MONITOR REFER TO ELECTRICAL DRAWINGS.
- NEW DRIVERS DROP BOX. SEE 2/A-2.
- 23 GAL. CLASS 'K' MET. CHEMICAL PORTABLE FIRE EXTINGUISHER. INSTALL PER CODE.
- DASHED LINE INDICATES WALLS, DOORS, FIXTURES, AND OTHER ELEMENTS TO BE REMOVED COMPLETELY.
- (1) RIVAL TANKLESS WATER HEATER ABOVE WOP SINK. REFER TO PLUMBING DRAWINGS.
- NEW ONE WAY TEMPERED OFFICE WINDOW. REF. TO 7/A-1.

KEYED NOTES

- EXISTING EXTERIOR WALL CONSTRUCTION TO REMAIN. PATCH AND REPAIR AS REQUIRED.
- EXISTING TENANT SEPARATION WALL TO REMAIN. PATCH AND REPAIR AS REQUIRED. GNB TO EXTEND TO UNDERSIDE OF DECK. MAINTAIN ANY EXISTING FIRE RATINGS.
- EXISTING STOREFRONT TO REMAIN.
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- (1) RIVAL TANKLESS WATER HEATER ABOVE WOP SINK. REFER TO PLUMBING DRAWINGS.
- NEW ONE WAY TEMPERED OFFICE WINDOW. REF. TO 7/A-1.



FLOOR PLAN



NOTES AND GENERAL NOTES

- DIMENSIONS ARE DRYWALL - TO DRYWALL OR DRYWALL-TO-MASONRY.
- GENERAL CONTRACTOR SHALL INSTALL ALL REQUIRED BLOCKING FOR ALL EQUIPMENT, HANGERS, ETC.
- ALL WORK SHALL CONFORM TO ALL LOCAL AND STATE CODES AND REGULATIONS.
- ALL PARTY WALLS SHALL BE 8 5/8\"/>

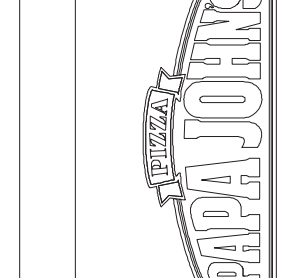
- GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. CLEAR HEIGHTS REQUIRED. DEVOLUTION AND CONCRETE SLAB/SUPPORTS PRIOR TO BID.
- CHECK ALL DIMENSIONS AND EXIST. CONDITIONS AGAINST LANDLORDS SPACE LAYOUT, AND THESE PLANS. FIELD VERIFY ALL EXISTING CONDITIONS. REPORT ANY DISCREPANCIES TO TENANT AND ARCHITECT BEFORE PROCEEDING.
- PORTABLE FIRE EXTINGUISHERS SHALL BEAR THE LABEL OF AN APPROVED AGENCY BE AN APPROVED TYPE, AND BE INSTALLED IN A LOCATION VISIBLE AND ACCESSIBLE TO THE OCCUPANTS. FINAL LOCATION BY THE FIRE PREVENTION BUREAU. REFER I.F.C. 406.1.
- PORTABLE FIRE EXTINGUISHERS HAVING 60005 HEIGHT NOT EXCEEDING 40 LBS. SHALL BE INSTALLED SO THAT ITS TOP IS NOT MORE THAN 60\"/>

- ALL EXISTING DIMENSIONS + FIELD VERIFY PRIOR TO SUBMISSION OF BID.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL CONDITIONS AND DIMENSIONS. REPORT TO PAPA JOHN'S PRIOR TO SUBMISSION OF BID. A SUBMISSION OF BID SHALL IMPLY THAT THE CONTRACTOR HAS ACCEPTED THE DRAWINGS AND THE EXISTING CONDITIONS.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERFORMANCE AND COMPLETION OF WORK INVOLVED IN THE PROJECT EXCEPT AS NOTED IN THIS SPECIFICATION OR ON THE DRAWINGS. HE SHALL SUBCONTRACT PARTS OF THE REQUIRED WORK TO COMPETENT SUBCONTRACTORS EXPERIENCED IN THEIR RESPECTIVE CRAFTS WHICH MAY BE DISTURBED DURING INSTALLATION OF NEW ARCHITECTURAL, ELECTRICAL, OR MECHANICAL EQUIPMENT. THIS SHALL MATCH ADJACENT NEW WORK.
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL GUARANTEE ALL OF THEIR WORK AND MATERIALS TO BE FREE FROM ALL DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF OWNER'S APPROVAL AND ACCEPTANCE OF WORK AND MATERIALS. ANY WORK OR MATERIALS THAT BECOME DEFECTIVE WITHIN ONE YEAR FROM OWNER'S APPROVAL SHALL BE REPAIRED AND/OR REPLACED WITHOUT ANY CHARGE TO THE OWNER.
- THE CONTRACTOR SHALL OBTAIN ALL BUILDING PERMITS. APPROVALS CALLS FOR INSPECTIONS, ETC. THE OWNER SHALL REIMBURSE THE CONTRACTOR FOR THE AMOUNT OF FEES PAID FOR THIS.

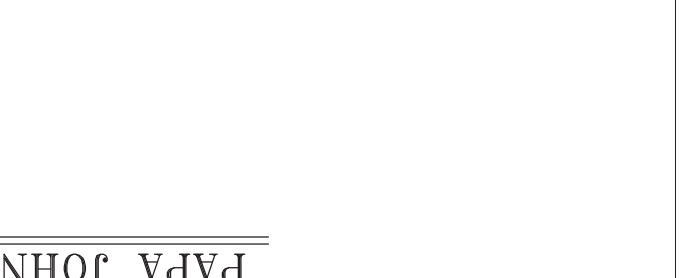
- THESE DRAWINGS AND SPECIFICATIONS ARE BASED ON THE BEST POSSIBLE INFORMATION AVAILABLE. CONTRACTOR SHALL CONTACT PAPA JOHN'S IMMEDIATELY REGARDING DISCREPANCIES BETWEEN PLANS, SPECIFICATIONS, AND DIMENSIONS AND EXISTING SITE CONDITIONS AND PROJECT DATA.
- PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE LOCAL CODES AND ORDINANCE UNDER CONDITIONS ESTABLISHED BY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT AIA A201 GENERAL CONDITIONS OF THE CONTRACT.
- ALL CONTRACTORS FOR THIS WORK ARE REQUIRED TO HAVE INSURANCE OF THE TYPES AND LIMITS AS SPECIFIED BY THE LANDLORD AND TENANT.
- ALL EQUIPMENT SHALL BE LOCATED IN A MANNER THAT FACILITATES CLEANING OF THE ESTABLISHMENT AND THE GOOD CONTAINERS FOR CONTAINED EQUIPMENT SHALL BE KEPT IN A MANNER THAT MEETS ALL REQUIREMENTS FOR CEILING OR FLOOR CLEARANCE OR ELEVATED LEGS TO PROVIDE A 6\"/>

- PERFORM THE WORK WITH QUALIFIED MECHANICS UNDER THE DIRECTION OF EXPERIENCED SUPERVISION, HAVING EXPERIENCE IN INSTALLING PRODUCTS, EQUIPMENT AND SYSTEMS OF SIMILAR TYPE.
- REMOVE RUBBISH FROM PREMISES AS OFTEN AS NECESSARY OR AS DIRECTED IN ORDER TO KEEP PREMISES CLEAN AND EXITWAYS CLEAR. COORDINATE WITH FRANCHISEE AND LANDLORD. STORE ALL OUTSIDE GARBAGE AND REFUSE CONTAINERS, DUMPSTER MATERIALS, SUCH AS CONCRETE OR MACHINE LAND ASPHALT.
- PROVIDE COMPLETE AND THOROUGH CLEANING OF ENTIRE LEASE SPACE UPON COMPLETION OF CONSTRUCTION INCLUDING STAIN REMOVAL, CLEANING HVAC DIFFUSERS AND DRILLS WIPING DOWN ALL WALL, CEILING, BASE DOOR AND PLUMBING FIXTURE SURFACES, CLEANING GLASS, AND FINISHING RESILIENT FLOORING.
- COORDINATE THE WORK TO ALLOW FOR THE PROPER INTRODUCTION OF MATERIALS, EQUIPMENT AND SYSTEMS WITHOUT INTERFERENCE FROM ADJACENT CONSTRUCTION. UTILIZE SPACE EFFICIENTLY TO MAXIMIZE ACCESSIBILITY FOR OTHER INSTALLATIONS.
- WHEREVER PENETRATIONS ARE REQUIRED TO BE MADE IN EXTERIOR WALLS OR ROOFS AS PART OF THIS WORK, MAKE SURE PENETRATIONS ARE AIR-TIGHT AND AIR-TIGHT. PAINT ANY EXPOSED PIPING TO MATCH ADJACENT MATERIALS.
- INSTALL WORK READY ACCESSIBLE FOR OPERATION, MAINTENANCE, AND REPAIRS.
- PROVIDE ACCESS DOORS IN WALLS AND CEILING AS REQUIRED.

- EACH CONTRACTOR TO FURNISH ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE INSTALLATION OF ALL WORK AND TO BE RESPONSIBLE FOR SUCH A MANNER THAT THE FINAL APPEARANCE IS ONE OF HOMOGENEOUS STRUCTURE.
- SEPARATE CONTRACTORS: OWNER RESERVES THE RIGHT TO LET OTHER CONTRACTS IN CONNECTION WITH THE WORK. THE GENERAL CONTRACTOR SHALL AFFORD OTHER CONTRACTORS ACCESS TO ALL AREAS OF THE PROJECT AND COORDINATE HIS WORK WITH THEIRS.
- PROTECTION: THE CONTRACTOR SHALL CLOSE UP AND SEAL OFF (DUST FREE) ALL AREAS NOT INVOLVED IN CONSTRUCTION AND SHALL PROTECT ALL PUBLIC AND ADJACENT AREAS FROM CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR BARRIERS AT COMPLETION OF WORK AND PATCH AND REPAIR EXISTING MATERIALS TO REMAIN.
- TEMPORARY SERVICES: ANY REQUIRED TEMPORARY ELECTRICAL POWER AND LIGHTING SYSTEMS SHALL BE FURNISHED, INSTALLED AND REMOVED BY THE CONTRACTOR.
- WORKING HOURS: CONTACT FRANCHISEE AND/OR LANDLORD FOR THE NORMAL WORKING HOURS OF OPERATION.
- ALL APPARATUS STORAGE AND THE OPERATION OF MACHINERY IN CONNECTION WITH ACTIVITIES UNDER THIS SECTION SHALL BE CONTINUED TO LIMITS OF THE CONTRACT AS SHOWN ON THE DRAWINGS AND SHALL NOT ENCUMBER THE PREMISES AT ANY TIME.
- CONTRACTOR SHALL NOT UNDER ANY CIRCUMSTANCES ALTER THE CONSTRUCTION DOCUMENTS, IF ANY, WITHOUT THE WRITTEN APPROVAL OF PAPA JOHN'S. ANY CHANGES TO THE DRAWINGS SHALL BE SUBMITTED TO THE PAPA JOHN'S AND APPROVED PRIOR TO PROCEEDING WITH THESE MODIFICATIONS. CONTRACTOR SHALL ASSUME LIABILITY FOR ANY MODIFICATIONS TO PLANS WHICH ARE NOT APPROVED IN WRITING BY THE ARCHITECT. CONTRACTOR SHALL REPLACE AT HIS OWN EXPENSE, ANY ITEMS NECESSARY TO BRING THE STORE INTO COMPLIANCE WITH THE DRAWINGS.



PAPA JOHN'S INTERNATIONAL, INC.
2002 PAPA JOHN'S BLDG.
LOUISVILLE, KENTUCKY 40299



EXP. DATE: 10/31/17

ANTHONY J. BAYUS ARCHITECT
19050 MASTERIAL DRIVE SUITE 202
LOUISVILLE, KENTUCKY 40228
FAX: (502) 426-8023
PHONE: (502) 426-8023

NEW TENANT IMPROVEMENT FOR
PAPA JOHN'S PIZZA STORE
1021 MARKET PLAZA, SUITE 106
PUEBLO WEST, CO 81007

DATE: 6/23/17
DATE REVISION:
SHEET TITLE:
FLOOR PLAN
DOOR SCHEDULE
GENERAL NOTES
SHEET NUMBER:
A-1

FOODSERVICE EQUIPMENT SCHEDULE

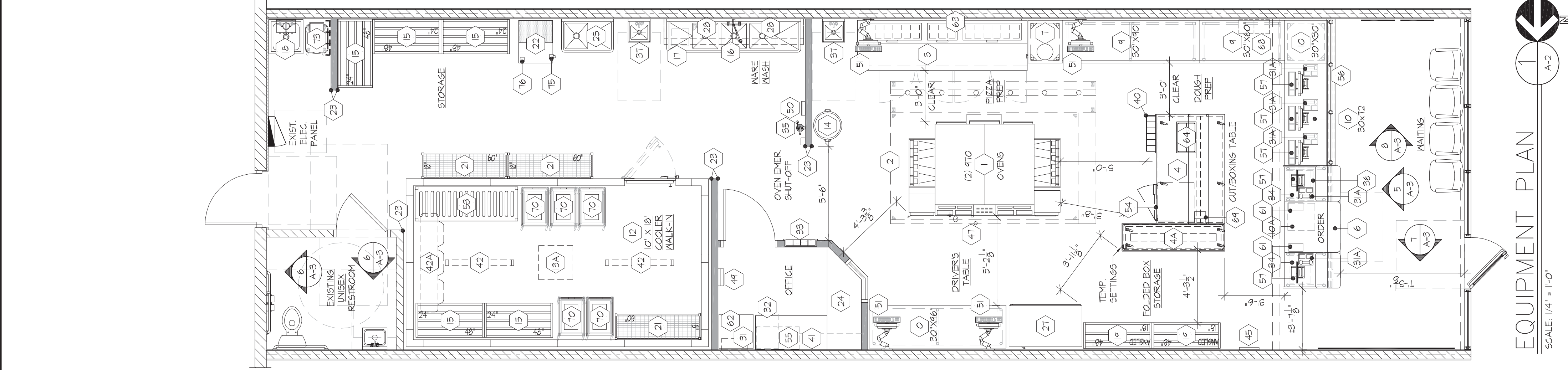
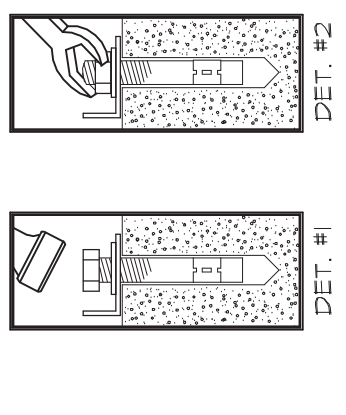
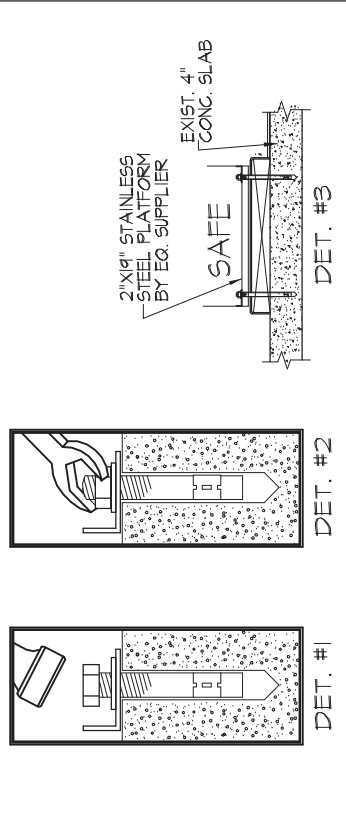
ITEM DESCRIPTION	MANUFACTURE	MODEL NO.	QUANTITY	INSTALL BY	BUY OUT	FABRICATED	MILKWORK	MARKET	REMARKS
1. PIZZA WEAVER	WOLLEY MARSHALL	SS99-SS	1	CE	X				CONTRACT STEVE BORSAK 847.429.7790
2. PIZZA WEAVER	TRUE WARE	19P-119	1	CE	X				SEE WRITTEN SPECS FOR OPTIONS
3. PIZZA PREP TABLE	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	X				SEE DRAWINGS FOR COMPLETE DETAILS
4. STAINLESS STEEL CUT TABLE	APW	FD-80H-1	1	CE	X				REMOVE TOGGLE
4A. 42" HEAT LAMP	APW	FD-12H-1	1	CE	X				REMOVE TOGGLE
5. SPARE NUMBER									
6. SPARE NUMBER									
7. S.S. SAUCE TABLE - 30"X24"	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	X				SEE SPEC MANUAL FOR CMPLT DETAILS
8. S.S. TABLE	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	X				CUT OUT UNDER SHELF
9. S.S. TABLE	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	X				W/ OPEN BASE
10. S.S. PREP TABLE	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	X				W/ MARINE FRONT EDGE & OPEN BASE
10A. FRONT COUNTER P.O.S./SWF TABLE - 30"X72"	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	X				W/ PARTIAL U.S. & OPEN BASE FOR SAFE
11. CUP BOARD HOLDER	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	X				INSTALL BY GC
12. CUP BOARD HOLDER	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	X				INSTALL BY GC
13. EXHAUSTOR COIL	HERMETIC	VARIABLES BY COOLER SIZE	1	CE	X				WHITE EXT. FLOORLESS
14. TRASH RECEPTACLE W/ LID	CONTINENTAL	4444 / 4445 / 3235	1	CE	X				W/ DOLLY, IN SMALL WARES PKG
15. ALUMINUM DUNNAGE BACK - 24"X48"	NEW AGE	2009	1	CE	X				W/ T&S B-10230-LN FAUCETS, 0.8X3 NOZLE 12"
16. THREE COMPARTMENT SINK	UNIVERSAL STAINLESS	3N34-2024	1	PC	X				40 LBS., PROVIDED/INSTALL BY PC
17. GREASE TRAP	JONESPEC	GT-7000-20	1	PC	X				PRE-QUALIFIED FISHER 6253 FAUCET BY REC
18. KOP-SINK	W.M. WSB	898424	1	CE	X				EXPOSED PLATFORM
19. S.S. SAUCE TABLE - 18"X48"	METRO	1848K3, 86PK3	1	CE	X				EXPOSED PLATFORM
20. SHELVING UNIT - 18"X48"	METRO	18GBR, 86P	1	CE	X				ZINC
21. DRY STORAGE SHELVING UNIT - 18"X60"	NEW AGE	1227	1	CE	X				24"X30" W/ 1/2" TOP CUTTING BOARD
22. MOBILE CAN OPENING TABLE	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	X				2"X2" 60"
23. 5/5 CORNER CHAIRS	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	X				FORMICA #839-58 "STOP RED"
24. DESK TOP	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	X				FORMICA #839-58 "STOP RED"
25. OFFICE CABINETS	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	X				INSTALL BY GC
26. RAPID COOK OVEN	METRO	4025	1	CE	X				W/ DOLLY, IN SMALL WARES PKG
27. SOAM BOTTLE COOLER	METRO	QNK-37	1	FRAN V	X				PROVIDED BY REPSI
28. WIRE WALL SHELVING SYSTEM	METRO	CUSTOM MILKWORK	1	CE	X				FORMICA #839-58 "STOP RED"
29. COAT RACK W/ HOOKS	DOYON INC.	DPL180P	1	CE	X				BY VENDOR
30. DOUGH SHEETER									BY VENDOR
31. TELEPHONE SYSTEM									BY VENDOR
32. 2-DRAWER FILE CABINET	VARIABLES	CUSTOM MILKWORK	1	FRAN BRAN	X				BY FRANCHISE
33. DRIVERS DROP BOX 32 SLOT	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	X				FORMICA #839-58 "STOP RED"
34. LOCKING CASH DRAWERS	LARSON	CLASS K	1	PJJ	CEC	X			UNDER FRONT COUNTER
35. 2.5 GAL. WET CHEMICAL FIRE EXTINGUISHER	BLUE DOT	50S-1	1	CE	OC	X			W/ WALL BRACKET
36. FLOOR MOUNTED TIME DELAY SAFE	50S-1	50S-1	1	CE	OC	X			SEE DRAWINGS FOR COMPLETE DETAILS
37. 2.5 GAL. WET CHEMICAL FIRE EXTINGUISHER	50S-1	50S-1	1	CE	OC	X			W/ T&S FAUCET B-1115, 3.0MP/10ML DISP. B.O.
38. RUBBER TORK TOILET	KITCHEN EQUIPMENT CO.	CUSTOM	1	CE	OC	X			SEE SPECIFICATIONS FOR CMPLT DETAILS
39. MENU BOARD LIGHTING	POSTERLORD	CUSTOM	1	CE	OC	X			SEE SPECIFICATIONS FOR CMPLT DETAILS
40. LARGE PAN HOLDER	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	OC	X			CUT TABLE MOUNT
41. LAMINATED SHELF	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	OC	X			INSTALL BY GC/CEC
42. COOLER LIGHTS	THE MARLITE	MA4811	1	CE	OC	X			IN SMALL WARES PACKAGE
43. COOLER LIGHTS	THE MARLITE	MA4811	1	CE	OC	X			IN SMALL WARES PACKAGE
44. REFRIGERATOR - ROLL-IN	KITCHEN EQUIPMENT CO.	1A1RR-25	1	CE	OC	X			FOR OFFICE FAX MACHINE / PRINTER
45. CLOCK	HOBART	AM15-1	1	CE	OC	X			IN SMALL WARES PACKAGE
46. WAREWASHER	ZELON CORP.	GR250H-60	1	PC	OC	X			IN SMALL WARES PACKAGE
47. 2" GAS LINE	METRO	R-102	1	CE	OC	X			FOR OFFICE FAX MACHINE / PRINTER
48. DISPLAY CASE - HEATED	ANSUL	R-102	1	CE	OC	X			IN SMALL WARES PACKAGE
49. COMMISSARY COMM HOLDER	ANSUL	R-102	1	CE	OC	X			IN SMALL WARES PACKAGE
50. W/M COMPUTER WORK STATION	HERLESS INDUSTRIES	PC 25-PC-25G	1	CE	OC	X			VERIFY SIZE, IN SMALL WARES PACKAGE
51. W/M COMPUTER WORK STATION	HERLESS INDUSTRIES	PC 25-PC-25G	1	CE	OC	X			VERIFY SIZE, IN SMALL WARES PACKAGE
52. WAITING BENCH	NEW AGE	1035	1	CE	OC	X			VERIFY SIZE, IN SMALL WARES PACKAGE
53. CHEESE RACK	WALBASH	247ZTB	1	CE	OC	X			VERIFY SIZE, IN SMALL WARES PACKAGE
54. UNDERCOUNTER REFRIG.	KITCHEN EQUIPMENT CO.	UCR27	1	CE	OC	X			VERIFY LEG AND/OR CASTER SET
55. OFFICE CABINETS	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	OC	X			FORMICA #839-58 "STOP RED"
56. OVERHEAD FOOD WARMER	APW WYOTT	FD-38L	1	CE	OC	X			SEE SPECIFICATIONS FOR CMPLT DETAILS
57. P.O.S. TERMINALS	BY PAI	V. V.	1	CE	OC	X			SEE SPECIFICATIONS FOR CMPLT DETAILS
58. WINDOW SIGNS	ZELON CORP.	CUSTOM SIGN	1	CE	OC	X			5 TIER
59. CHEMICAL STORAGE SHELVING - 18"X36"	METRO	181EZ, PR4	1	CE	OC	X			WALL MOUNT
60. FIRE SUPPRESSION SYSTEM	ANSUL	R-102	1	CE	OC	X			IN SMALL WARES PACKAGE
61. P.O.S. PRINTER	BY VENDOR								FOR OFFICE FAX MACHINE / PRINTER
62. SHELF	METROMAX	M7-17	1	CE	OC	X			IN SMALL WARES PACKAGE
63. MAKE LINE MAGNETIC ROLL BOARD - 18"X60"	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	OC	X			IN SMALL WARES PACKAGE
64. SAUCE W/M PAN HOLDER	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	OC	X			VERIFY SIZE, IN SMALL WARES PACKAGE
65. 5/5 WALL PANEL	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	OC	X			VERIFY SIZE, IN SMALL WARES PACKAGE
66. CUP DISPENSER	DELFIELD	CD-539	1	CE	OC	X			IN SMALL WARES PACKAGE
67. ICE/BEVERAGE DISPENSER	MANITOWOC ICE	M-250	1	V					IN SMALL WARES PACKAGE
68. SCRAPER RACK HOLDER	KITCHEN EQUIPMENT CO.	CUSTOM STAINLESS	1	CE	OC	X			IN SMALL WARES PACKAGE
69. SCRAPER RACK HOLDER	KITCHEN EQUIPMENT CO.	CUSTOM MILKWORK	1	CE	OC	X			IN SMALL WARES PACKAGE
70. DOUGH BINS & DOLLIES	NOISEMAN	DO	1	OC					
71. HOLD & SERVE DRAWER	CVAP	HBB502	1	CE	OC	X			
72. FULL SIZE HOLDING CABINET	CVAP	HA4519	1	CE	OC	X			IN SMALL WARES PACKAGE
73. MOP BUCKET	CONTINENTAL	206-31	1	CE	OC	X			IN SMALL WARES PACKAGE
74. CLOSET ORGANIZER	RUBBERMAID	199303000AN-4	1	CE	OC	X			IN SMALL WARES PACKAGE
75. CAN OPENER	EDLUND	UC-125	1	CE	OC	X			IN SMALL WARES PACKAGE
76. CAN OPENER MANUAL	EDLUND	UC-125	1	CE	OC	X			IN SMALL WARES PACKAGE
77. TOMATO SLICER	NEMCO	N54600-2	1	CE	OC	X			IN SMALL WARES PACKAGE
78. DROP-IN, COLD PAN	APW WYOTT	FW-2	1	CE	OC	X			
79. DROP-IN, HOT WELL	APW WYOTT	FW-2	1	CE	OC	X			
80. DROP-IN, HEATED SHELF	HATCO	GRSBF-36-S	1	CE	OC	X			

REQUIRED EQUIPMENT FOR SAFE INSTALLATION

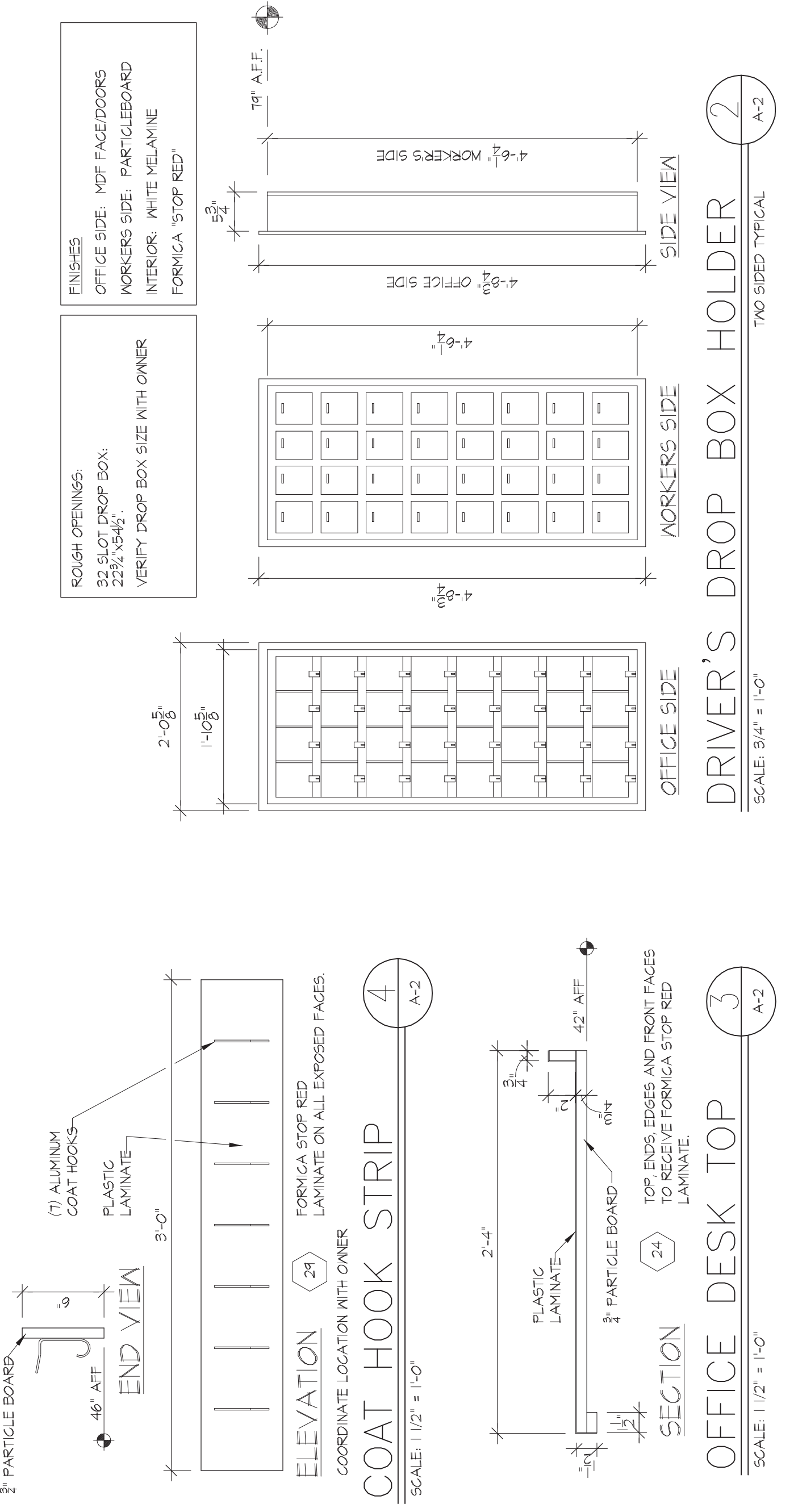
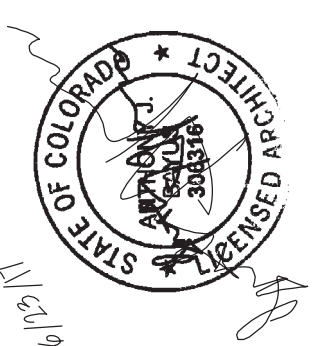
- 4 EA 3/8" NOLLY PARABOLT
- 1/2" DRILL MOTOR
- 3/8" CARBIDE BIT
- 3/8" WRENCH OR SOCKET & DRIVER
- LIQUID ROCK (1 PACKAGE)
- SAFETY GOGGLES

INSTALLATION INSTRUCTIONS:

- POSITION SAFE IN PLACE WHERE IT IS GOING TO BE INSTALLED.
- DRILL THE HOLES IN THE BOTTOM OF THE SAFE ON TO THE FLOOR SURFACE BELOW.
- REMOVE SAFE.
- DRILL THE HOLES W/ THE 3/8" CARBIDE BIT. HOLES MUST BE AT LEAST 40" DEEP.
- CLEAN THE HOLES OF DEBRIS, W/ A FOUR LIQUID ROCK INTO W/ OPEN BASE.
- INSERT 2X4" STAINLESS STEEL RANDED PLATFORM.
- POSITION SAFE BACK INTO PLACE.
- ADD WASHER & THREAD NUT FLUSH W/ THE TOP OF THE BOLT. (SEE DETAIL #1)
- DRIVE BOLT THROUGH THE HOLE IN THE SAFE.
- TO SET THE FASTENERS, TIGHTEN THE NUT THREE (3) FULL TURNS W/ WRENCH OR SOCKET. (SEE DETAIL #2)



- SHEET NOTES**
- PIZZA OVEN TO BE MODEL 85P10 6 GAS FIRED CONVEYOR TYPE AS MANUFACTURED BY WIDE BAY MARSHALL. OVENS ARE TO BE COMPLETE WITH EXHAUST CANOPY DUCTED TO ROOF MOUNTED EXHAUST FAN. DUCT TO BE INSULATED 6 GA WELDED CARBON STEEL. PLUMBING CONTRACTOR TO FURNISH 2" GAS SUPPLY LINE TO OVENS WITH 3/4" GAS VALVES. E.V. TO TURNISH AND GENERAL CONTRACTOR TO INSTALL OVEN EXHAUST HOOD ABOVE OVENS.
 - MAKELINE TO BE MODEL TFR-118 - COMPLETE WITH BIN PANS. INSTRUCTIONAL/TICKET TAKER HOLDER AND CASTERS AS MANUFACTURED BY TRUE.
 - PIZZA CUTTING AND BOWING TABLE TO BE PER PLAN. STAINLESS STEEL COMPLETE WITH DELI OVER SHELVES, TWO HEATED SHELVES, PAN HOLDER AND CASTERS.
 - GREASE INTERCEPTOR SEE SHEET P-1 (WHEN APPLICABLE)
 - FLOOR SINK TO BE 24"X36" FIBERGLASS MODEL 2424 AS MANUFACTURED BY FLAT, INC. SINK SHALL HAVE MODEL 830-AA FAUCET AND 8801 - COMPACT STRAINER DRAIN.
 - PLUMBING CONTRACTOR TO MAKE ALL CONDENSATE DRAIN LINE CONNECTIONS FOR MALK-IN COOLER AND DROP-IN COLD PACK REFRIGERATION UNIT. MECHANICAL CONTRACTOR TO INSTALL COMPRESSOR AND EVAPORATOR THEN DO FINAL CONNECTIONS.
 - ELECTRICAL CONTRACTOR TO MAKE ALL REQUIRED ELECTRICAL CONNECTIONS FOR MALK-IN COOLER LIGHTING AND REFRIGERATION UNIT. ALSO HEAT UNITS ON CUIT TABLE. RESPONSIBILITY:
E.V. - DENOTES ELECTRICAL WIRING CONTRACTOR
P.C. - DENOTES PLUMBING CONTRACTOR
F.V. - DENOTES FLOORING CONTRACTOR
E.C. - DENOTES ELECTRICAL CONTRACTOR
VENDOR - DENOTES LOCAL SUPPLIER
- ROOM FINISH SPECIFICATION**
- 1"X6"X40" LONG CLIP BOARD STRIP WITH LAMINATE 'STOP RED' ON FACE AND ALL EDGES. INSTALL 3/8" ABOVE FINISH FLOOR ON OFFICE WALL.
 - OFFICE DESK TOP TO BE LAMINATE 'STOP RED' WITH 5/8" EDGES AND 9" BACK AND END SPLASH TOP TO BE COMPLETE WITH WALL SUPPORT BRACKETS. 42" A.F.F.
 - 3/4"X6"X40" COAT HOOK STRIP WITH LAMINATE 'STOP RED' ON FACE AND ALL EDGES. ATTACH T ALUMINUM COAT HOOKS SPACED EVENLY AND MOUNT 60" A.F.F.
 - DRIVERS DROP BOX HOLDER WITH LAMINATE 'STOP RED' ON ALL FACES EXCEPT BOTTOM AND BACK.
 - 16"X18"X42" CASH DRAWER FURNISH ALL HARDWARE AND INSTALL UNDER FRONT STEEL WORK TABLE.
- NOTE:**
CONTRACTOR TO INSTALL FIRE TREATED PLYWOOD BACKING BEHIND THE FOLLOWING ITEMS #1, #24, #28, #31, #51, #54 AND CABINET IN MGR. OFFICE. IF CONTRACTOR DOES NOT INSTALL BACKING, THE CONTRACTOR BECOMES RESPONSIBLE FOR THOSE ITEMS SHOULD THEY FALL.



NOTE:
 PAPA JOHN'S INTERNATIONAL HAS ASSEMBLED WITH KERR-GREULICH INTERNATIONAL. THE HVAC EQUIPMENT SHALL BE PURCHASED BY THE MECHANICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPMENT OF THE MECHANICAL CONTRACT. THE HVAC MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PURCHASE OF EQUIPMENT, COORDINATING AND ACCEPTING THE EQUIPMENT, VERIFYING PROPER QUANTITIES, LABOR, CONDITIONS AND QUESTIONS PLEASE CONTACT PAPA JOHN'S INTERNATIONAL ACCOUNTS @ 800-443-8738. FAX 866-464-8076. FOR ALL OTHER INQUIRIES, PLEASE CONTACT JOE RAY - NATIONAL ACCOUNT PRODUCT SPECIALIST @ 405-419-8103. EMAIL: jerry.ray@papajohns.com.

AIR BALANCE SCHEDULE

ITEM	O.A.	R.A.	S.A.	E.A.	PRESSURE
RTU-1	225	2375	2600	-	+225
RTU-2	135	1475	1600	-	+125
MUAU-1	120	-	1350	-	+150
EF-1	-	-	-	165	-185
EF-2	-	-	-	150	-150
TOTALS	1700	3650	5550	1665	+35

GAS FIRED ROOF TOP UNIT SCHEDULE

MARK	COOLING			HEATING			REMARKS
	S.A.	R.A.	TOTAL	BTU/H	HP	BTU/H OUT	
RTU-1	2600	2475	74,000	77.0	55.0	10,000	11.8 BEER
RTU-2 (EXIST'G)	1000	1475	41,400	N/A	0.7	115,000	13.3 SEER

DESIGN BASIS:
 RTU-1 - CARBER (EXISTING)
 RTU-2 - CARBER (EXISTING)
 MANUFACTURER: YORK; MODEL: ENOX

GENERAL NOTES:
 1. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 2. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 3. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 4. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 5. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 6. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 7. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 8. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 9. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.
 10. UNIT SHALL BE INSTALLED ON ROOF WITH 1/2" INSULATION AND 1/2" FLASHING.

OUTSIDE AIR VENTILATION CALCULATIONS

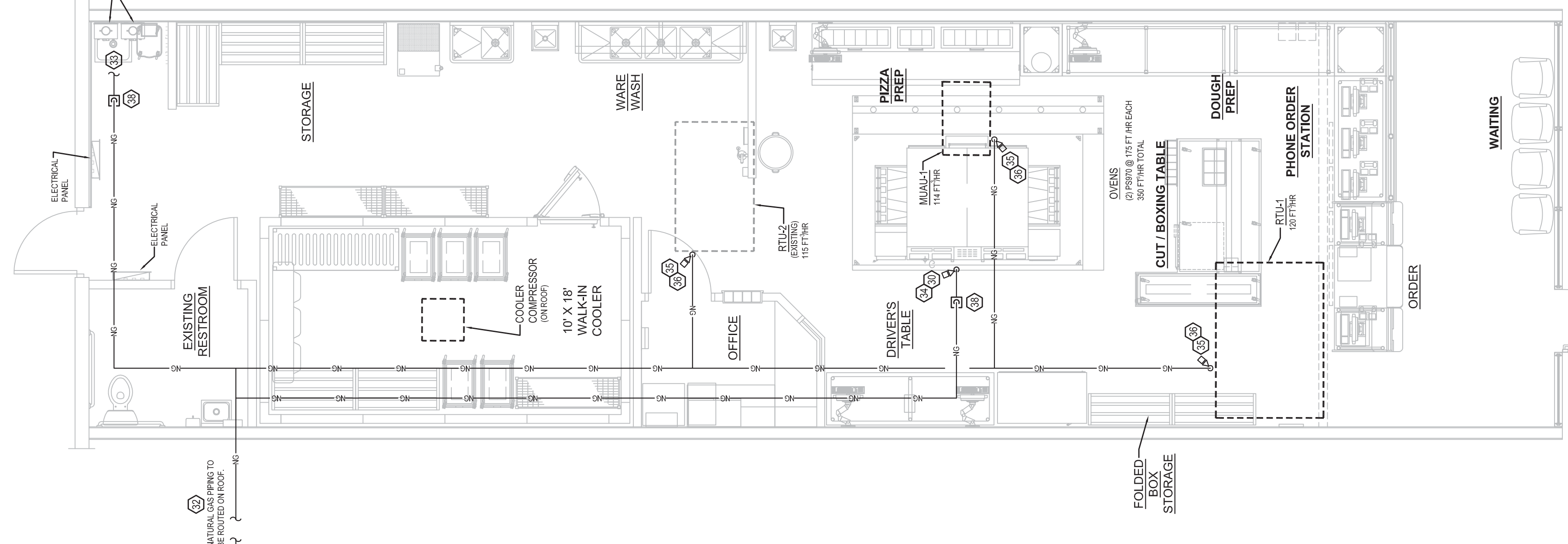
BASED ON IMC 2015 TABLE 403.3.11
 WORK SCOPE INCLUDES ENTIRE PAPA JOHN'S
 KITCHEN AREA - KITCHEN
 1158 SQ.FT. X 7.7 ENVELOPE AIRFLOW RATE = 795.2 CFM OUTSIDE AIR REQUIRED.
 DINING AREA - ORDER/CARRYOUT
 8 PEOPLE X 7.5 PEOPLE OUTDOOR AIRFLOW RATE IN BREATHING ZONE = 60 CFM OUTSIDE AIR REQUIRED.
 218 SQ.FT. X 0.18 CFM/F² = 39.24
 TOTAL OUTSIDE CFM REQUIRED = 895
 RTU-1 = 225 CFM
 RTU-2 = 125 CFM
 MUAU-1 = 150 CFM
 TOTAL 1700 CFM

FAN SCHEDULE

MARK	CFM	ESP	RPM	HP/WATTS	SONES	VOLTAGE	CONTROL	REMARKS
EF-1	165	0.25	1400	1.6	2.5	115V/1/0	SEE DRAWING	B
EF-2	1500	0.75	1188	3.4	12.5	115V/1/0	SEE DRAWING	A
MUAU-1	1350	0.4	1658	1.0	4.0	115V/1/0	SEE DRAWING	A

DESIGN BASIS:
 A. MUAU-1 AND EF-2 TO BE BALANCED TO CFM REQUIRED AND SHALL BE INTERLOCKED TO RUN SIMULTANEOUSLY. PROVIDE START/STOP SWITCH.
 B. EF-1 TO BE CEILING MOUNTED.

NOTE:
 THE MECHANICAL CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT TO THE MECHANICAL INSPECTOR UPON COMPLETION OF THE H.V.A.C. FINAL INSPECTION.



H.V.A.C. PLAN

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

MECHANICAL DESIGN BASED UPON 2015 INTERNATIONAL MECHANICAL CODE.

GAS PIPING PLAN

SCALE: 3/16" = 1'-0"

- H.V.A.C. KEY NOTES**
- PROVIDE RETURN AIR FILTER GRILLES IN CEILING. PROVIDE DUCT TRANSITION FROM R.A. AT RTU TO SHEET METAL R.A. PLENUM. (TYPICAL OF RTU-1 AND RTU-2)
 - CONDENSING UNIT ON ROOF FOR WALK-IN COOLER AND OR HVAC CONDENSING UNIT. UNIT TO BE INSTALLED ON ROOF. PROVIDE PRESSURE TREATED EQUIPMENT RAILS. TAILS BY M.C., REFER TO DETAIL. INSTALLED BY M.C.
 - EXTEND REFRIGERANT LINES DOWN THRU PIPE CURB AND CONNECT TO COOLER EVAPORATOR. PIPE CURB BY M.C., REFER TO DETAIL.
 - CONDENSATE DRAIN TO 5/8" FLASH BLOCK ON ROOF BY M.C. (TYPICAL).
 - 8" X 6" EXHAUST DUCT UP THRU 12" HIGH ROOF CURB TO EXHAUST DISCHARGE HOOD.
 - EXTEND 4" STAINLESS STEEL VENT FROM WATER HEATER UP THRU ROOF. PROVIDE DIRECT VENT KIT AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. VENTING MATERIAL SHALL BE UL LISTED FOR THIS TYPE WATER HEATER.
 - 14" O.A. DUCT UP TO EF-2 ON ROOF. HOLD 10'-0" FROM O.A. INTAKES.
 - 12" X 12" S.A. DUCT UP TO MAKE-UP AIR FAN (MUAU-1) ON ROOF.
 - DASHED LINE INDICATES EXHAUST FAN SUPPLY FAN ON ROOF. REF. EXHAUST HOOD DRAWINGS FOR ADDITIONAL INFORMATION.
 - INTAKE TO BE A MINIMUM OF 10'-0" FROM EXHAUST.
 - THE EXHAUST OUTLET SHALL BE LOCATED PER THE HOOD MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL PROVIDE OFFSETS IN THE EXHAUST AND SUPPLY AIR DUCT WHERE REQUIRED FOR PROPER CONNECTION TO HOOD.
 - MECHANICAL CONTRACTOR SHALL COORDINATE THERMOSTAT MOUNTING LOCATION WITH CONTRACTOR INSTALLING EQUIPMENT IN THIS AREA. THERMOSTAT SHALL NOT BE LOCATED NEAR EQUIPMENT WHICH PRODUCES HEAT OR HUMIDITY. TYPICAL FOR ALL THERMOSTATS TO BE MOUNTED 48" A.F.F.
 - O.A. INTAKE HOOD ON ROOFTOP UNIT. INTAKE HOOD SHALL BE A MINIMUM OF 10'-0" FROM ANY EXHAUST, GAS OR PLUMBING VENT.
 - MECHANICAL CONTRACTOR SHALL INSTALL ALL CONDENSATE DRAIN LINE CONNECTIONS FOR WALK-IN COOLER. M.C. SHALL INSTALL COMPRESSOR AND EVAPORATOR AND MAKE FINAL CONNECTIONS.
 - ALL ROOF MOUNTED HVAC EQUIPMENT INCLUDING COOLER CONDENSING UNITS SHALL BE HELD A MINIMUM OF 10'-0" FROM THE EDGE OF ROOF. UNLESS BUILDING HAS 42" HIGH PARAPET WALL OR 42" HIGH GUARD RAILS. GUARD RAILS WHERE REQUIRED SHALL BE EXTENDED 30" BEYOND EACH END OF THE EQUIPMENT BEING PROTECTED. THE GUARD RAILS SHALL BE CONSTRUCTED SO AS TO PREVENT THE PASSAGE OF A 21" INCH DIAMETER SPHERE.
 - THERMOSTATS SHALL BE NONVOLTAI, 24 HOUR PROGRAMMABLE TOUCHSCREEN THERMOSTAT MODEL NO. RTH5680WF OR EQUAL WITH SHIELDED CABLE. ALL THERMOSTATS AND LOW VOLTAGE WIRING SHALL BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.
 - TRANSITION EXHAUST DUCT TO COLLAR ON HOOD.
 - PIZZA HOOD EXHAUST DUCT TO BE WRAPPED WITH TWO LAYERS OF NORBAC THERMAL CERAMICS. PROSCAD DUCT WRAP XL WHERE EXISTING STRUCTURE IS OF COMBUSTIBLE CONSTRUCTION. AN EQUAL PRODUCT WILL BE CONSIDERED IF APPROVED BY LOCAL AUTHORITY. THE INSULATION PRODUCT SHALL BE UL-1978 (SECTIONS 12 & 13) LISTED AND APPROVED FOR A TWO HOUR FIRE RESISTANCE RATING AND ZERO CLEARANCE TO COMBUSTIBLES.
 - AUTOMATIC GAS SHUT-OFF VALVE FOR CONNECTION TO SUPPRESSION SYSTEM SHALL BE FURNISHED AND INSTALLED BY P.C. INTERLOCK TO SUPPRESSION SYSTEM SHALL BE BY M.C. (FIRE SUPPRESSION CONTRACTOR)
 - EMERGENCY MANUAL FAN SHUTDOWN SWITCH (MUSHROOM TYPE) THAT WILL SHUTDOWN MUAU-1 AND RTU-1 AND RTU-2.
 - HOOD SUPPRESSION SYSTEM STORAGE TANK VERIFY LOCATION W/ SUPPRESSION SYSTEM CONTRACTOR.
 - THE MANUAL ACTUATION DEVICE SHALL BE LOCATED AT OR NEAR A MEANS OF EGRESS FROM THE COOKING AREA. A MIN. OF 10' FT AND A MAX. OF 20' FT FROM THE KITCHEN EXHAUST SYSTEM. THE MANUAL ACTUATION DEVICE SHALL BE LOCATED A MINIMUM OF 4' FT AND A MAX. OF 5' FT ABOVE THE HOOD. THE DEVICE SHALL BE LOCATED WITHIN A MINIMUM CLEARANCE OF 48" FROM ANY AND A MAX. NOT BEING OF 14" INCHES TO ACTIVATE THE FIRE SUPPRESSION SYSTEM.
 - ALL JOINTS AND SEAMS SHALL BE WELDED LIQUID-TIGHT FOR EXHAUST HOOD AND EXHAUST DUCT.
 - DROP SUPPLY DUCT FROM BOTTOM OF MUAU AIR DUCT AND CONNECT TO HOOD. PROVIDE MANUAL DAMPER.
 - ROUTE RTU SUPPLY BELOW MAKE-UP AIR DUCT AND CONNECT TO HOOD.
 - EXISTING CONDENSATE DRAIN LINE TO REMAIN AND BE REUSED.
 - EXISTING OUTSIDE AIR INTAKE ON EXISTING ROOFTOP UNIT. M.C. SHALL COORDINATE EXACT LOCATION IN FIELD AND MAINTAIN A MINIMUM 10'-0" FROM ANY EXHAUST, GAS OR PLUMBING VENTS.
 - EXISTING HVAC UNIT TO REMAIN AND BE REUSED. M.C. SHALL FIELD VERIFY EXISTING UNITS CONDITION AND LOCATION. M.C. SHALL CLEAN, REPLACE FILTERS AND FULLY SERVICE THE UNIT. ADVISE OWNER OF ANY DEFICIENCIES NOTED.
 - NG GAS LINE ROUTED UP ALONG EXTERIOR WALL PER LOCAL GAS CODE REQUIREMENTS.
 - DROP 2" NG GAS LINE TO 2" PIZZA OVENS. 175 MBH EACH FOR PS970 OVENS. 2" GAS LINE MIN. TO OVENS (MIN. OF 2 1/2" IF LINE LENGTH EXCEEDS 200'-0"; ADD 7'-0" FOR EACH 90° ELBOW).
 - NEW GAS LINE OUT TO EXISTING AND CONNECT FIELD VERIFY EXACT LOCATION. COORDINATE PRESSURE AVAILABLE WITH LOCAL GAS CO. MINIMUM GAS METER SIZE SHALL BE 1/2" (1/2" PER HOUR, 1/2" X 1/2" @ OVENS).
 - P.C. SHALL PRIME AND PAINT ALL NATURAL GAS PIPING EXPOSED TO WEATHER WITH TWO COATS OF RUST INHIBITOR PAINT. COLOR TO BE SELECTED BY ARCHITECT.
 - NG GAS LINE TO WATER HEATER AND CONNECT. PROVIDE SHUT-OFF VALVE AND 6" SEDIMENT TRAP.
 - AUTOMATIC GAS SHUT-OFF VALVE FOR CONNECTION TO SUPPRESSION SYSTEM SHALL BE FURNISHED AND INSTALLED BY P.C. INTERLOCK TO SUPPRESSION SYSTEM SHALL BE BY M.C. (FIRE SUPPRESSION CONTRACTOR)
 - HVAC UNIT BY M.C. FINAL GAS CONNECTION BY P.C.
 - NG TO HVAC EQUIPMENT AND CONNECT. PROVIDE SHUT-OFF VALVE AND 6" SEDIMENT TRAP.
 - NG GAS SUPPORTS. REFER TO DETAIL.
 - EXTEND LINES DOWN THRU PIPE CURB AND REFERENCE NG GAS PIPING DIAGRAM FOR ADDITIONAL INFORMATION AND CONTINUATION. PIPE CURB BY P.C.



PAPA JOHN'S INTERNATIONAL, INC.
 2002 PAPA JOHN'S BLVD.
 LOUISVILLE, KENTUCKY 40294

CO. P.E. EXP. DATE: 10/31/17
 DONALD J. GREULICH



6/29/2017



KERR-GREULICH
 ENGINEERS, INC.
 1524 ORMSBY STATION CTR.
 LOUISVILLE, KY 40223
 PHONE: (502) 426-2445
 FAX: (502) 426-2945
 PROJECT NUMBER: 1021-2017

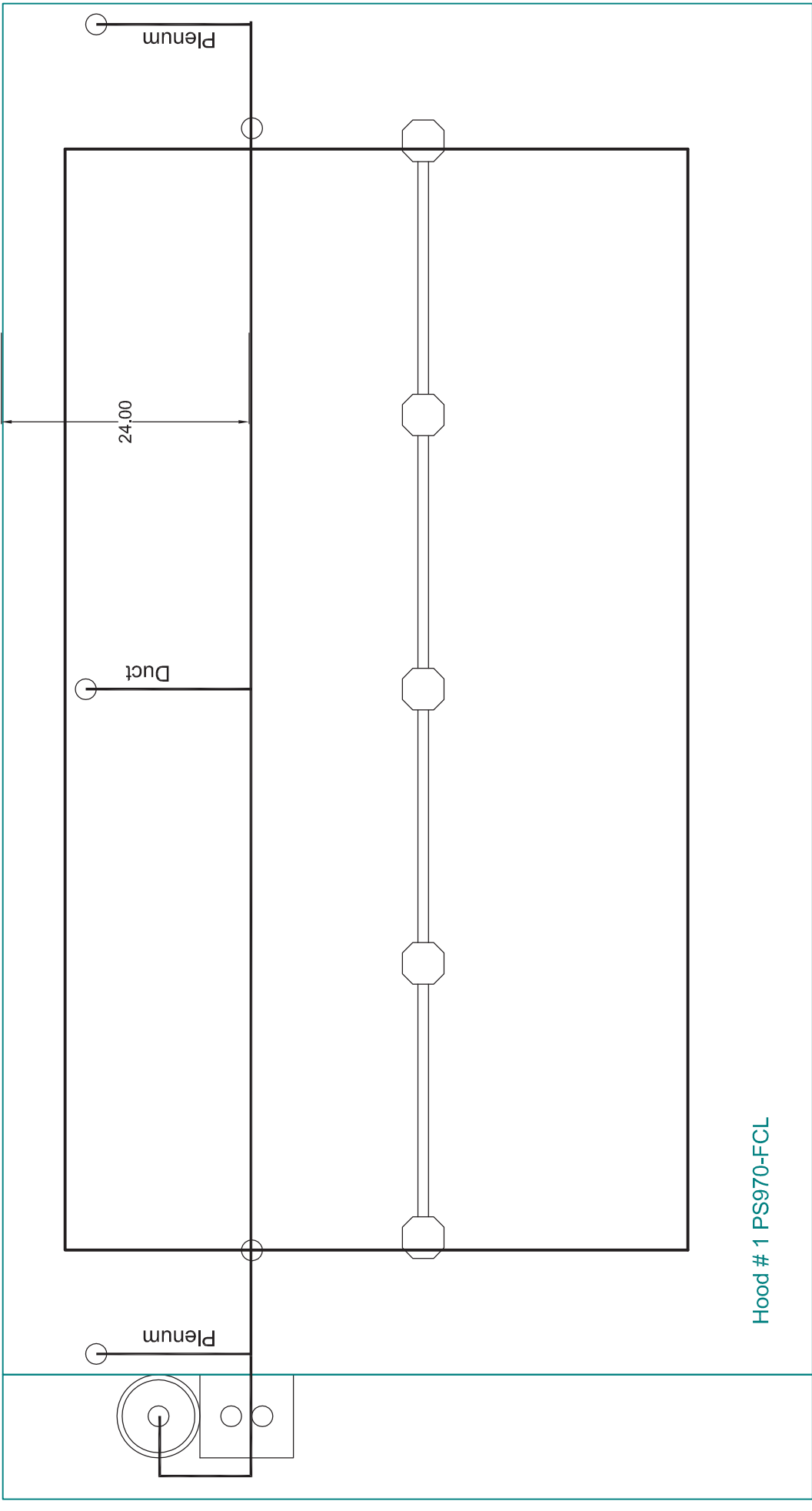
NEW PAPA JOHN'S PIZZA STORE
 1021 MARKET PLAZA, SUITE 106
 PUEBLO WEST, CO 81007

DATE: 6/29/2017
 DATE REVISION

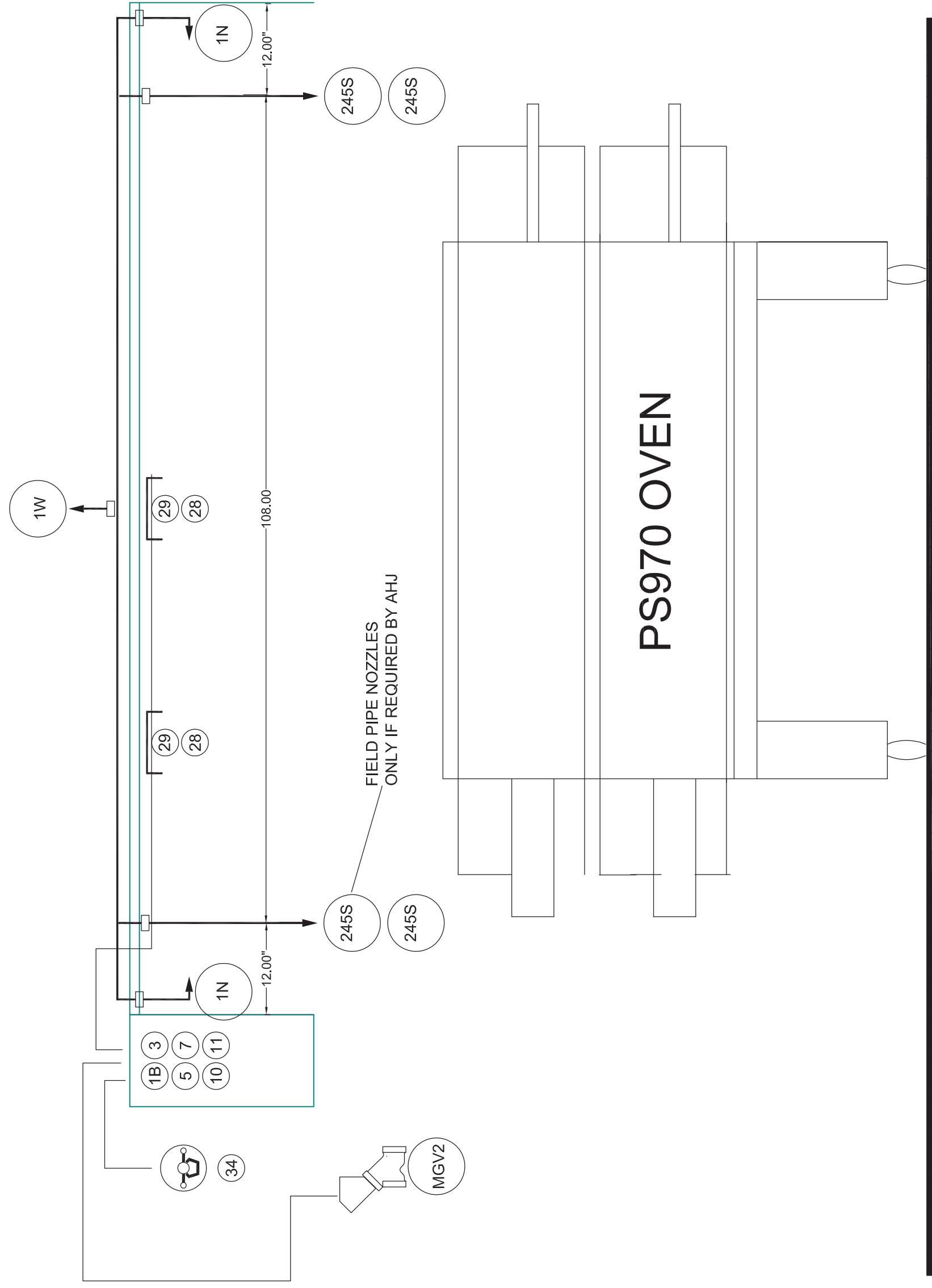
BY: LEDINGTON
 SHEET TITLE
 H.V.A.C. PLAN
 SCHEDULE
 NOTES
 SHEET NUMBER

M-2
 OF 7

NEW STORE LOCATION
 1021 MARKET PLAZA, SUITE 106
 PUEBLO WEST, CO 81007
 PJP FO#
 F-5072827
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Hood # 1 PS970-FCL



Job #: 3044796
Job Name: Papa Johns - Pueblo, CO
Drawn By:
System Size: ANSUL-3.0 Total FP required: 3
Hood # 1 11' 0.00" Long x 78" Wide x 24" High
Riser # 1 Size: 0" x 0"

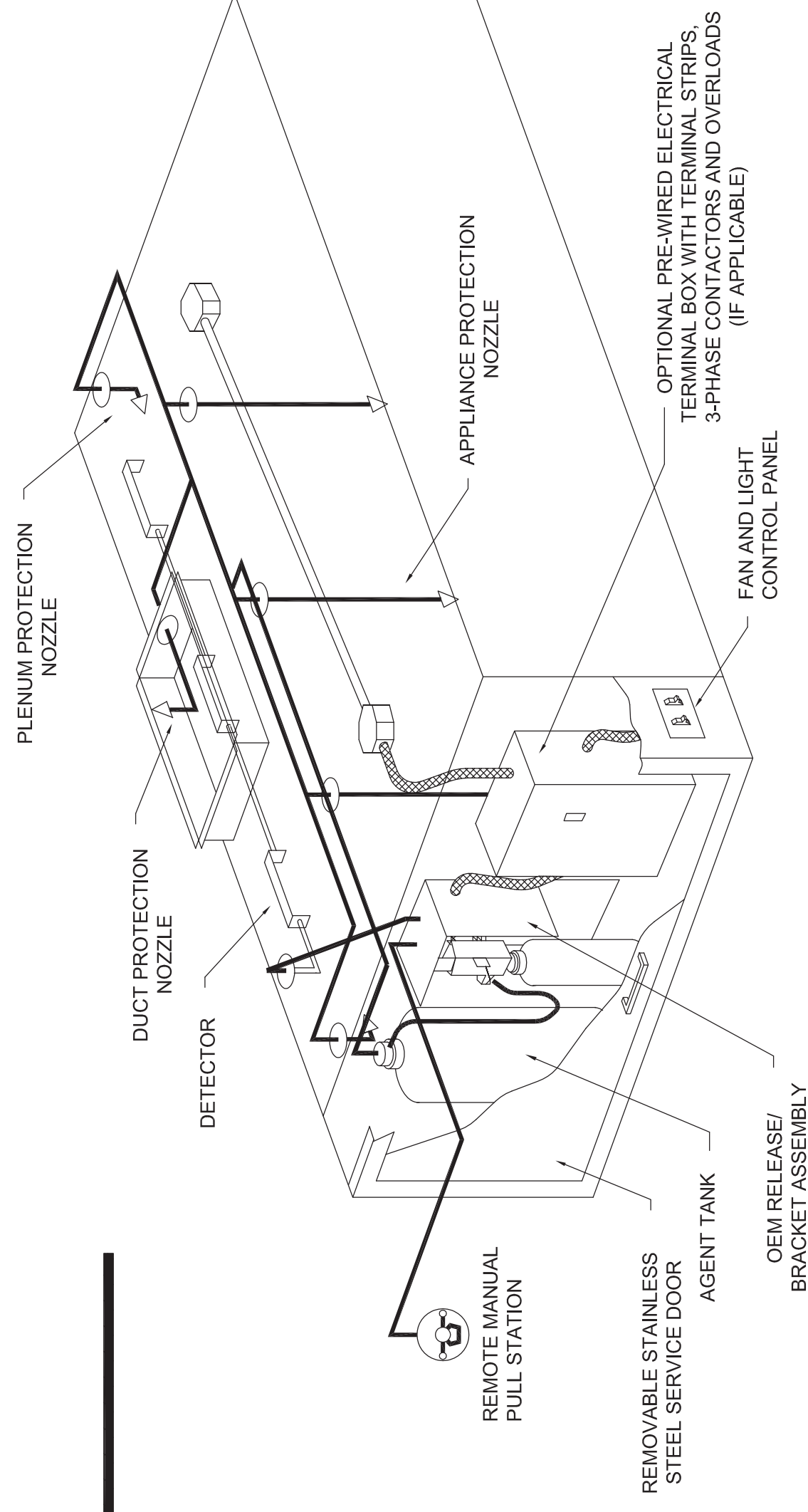
- NOTES**
- FIELD PIPE DROPS AS SHOWN
 - SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS
 - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELIVING, SALAMANDERS, ETC.
 - MAXIMUM 9 ELBOWS IN SUPPLY LINE.
 - MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.
 - IF APPLICABLE, PRE-PIPED CHARBROILER 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 Name: Papa Johns - PS970-FCL
Drawn By: MJN
System Size: ANSUL-3.0 Total FP required: 3 OR 11
Hood # 1 11' 0.00" Long x 78" Wide x 24" High
Riser # 1 Size: 14" Dia.
Hood # 1 Metal Blow-Off Caps included.

LEGEND - FIRE CABINET ANSUL SYSTEM

- 1B 3 GALLON TANK
- 3 OEM REGULATED RELEASE
- 5 ANSULEX LIQUID AGENT (3 GAL.)
- 7 CARTRIDGE (101-20)
- 10 TEST LINK
- 11 DOUBLE MICROSWITCH
- 1W NOZZLE ASSEMBLY (419336)
- 1N NOZZLE ASSEMBLY (419335)
- 1/2N NOZZLE ASSEMBLY (419334)
- 245 NOZZLE ASSEMBLY (419340)
- 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

NOTE: FIRE SUPPRESSION HOOKUP AND INSTALLATION INCLUDED IN ANSUL PACKAGE



TYPICAL ANSUL R-102 SYSTEM LAYOUT

- INCLUDES: FIELD INSTALLATION AND HOOKUP DURING NORMAL BUSINESS HOURS BY CERTIFIED INSTALLERS ONLY IN THE LOCATION NOTED ABOVE. TWO SITE VISITS ONLY. ONE VISIT FOR INSTALLATION AND ONE VISIT FOR TESTING. VISIT FOR TESTING IS AN ADDITIONAL VISIT WHICH WILL RESULT IN CHARGES. ONE MECHANICAL GAS VALVE PER SYSTEM AT A MAXIMUM SIZE OF 2" PERMIT, AND SYSTEM TEST.
- EXCLUDES: UNION LABOR & PREVAILING WAGE (LABOR & WAGES WILL BE ADDED IF APPLICABLE), GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND CONNECTIONS, HANGING OF FIRE CABINET, SHUNT TRIP, HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES.

NOTES

- FIELD PIPE DROPS AS SHOWN
- SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELIVING, 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.

LEGEND - FIRE CABINET ANSUL SYSTEM

- 1A 1.5 GALLON TANK
- 1B 3 GALLON TANK
- 2 OEM AUTOMAN RELEASE
- 3 OEM REGULATED RELEASE
- 4 OEM REGULATED ACTUATOR
- 5 ANSULEX LIQUID AGENT (3 GAL)
- 6 ANSULEX LIQUID AGENT (1.5 GAL.)
- 7 CARTRIDGE (101-20)
- 8 CARTRIDGE (101-10)
- 9A CARTRIDGE (101-30)
- 9B CARTRIDGE (LT-A-101-30)
- DOUBLE TANK CARTRIDGE
- TEST LINK
- 11 DOUBLE MICROSWITCH
- 12 HOSE ASSEMBLY
- DUCT NOZZLE (430913)
- 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



PAPA JOHN'S INTERNATIONAL, INC.
2002 PAPA JOHN'S BLVD.
LOUISVILLE, KENTUCKY 40294

CO. P.E. EXP. DATE: 10/31/17
DONALD J. GREULICH



6/29/2017



NEW PAPA JOHN'S PIZZA STORE :
1021 MARKET PLAZA, SUITE 106
PUEBLO WEST, CO 81007

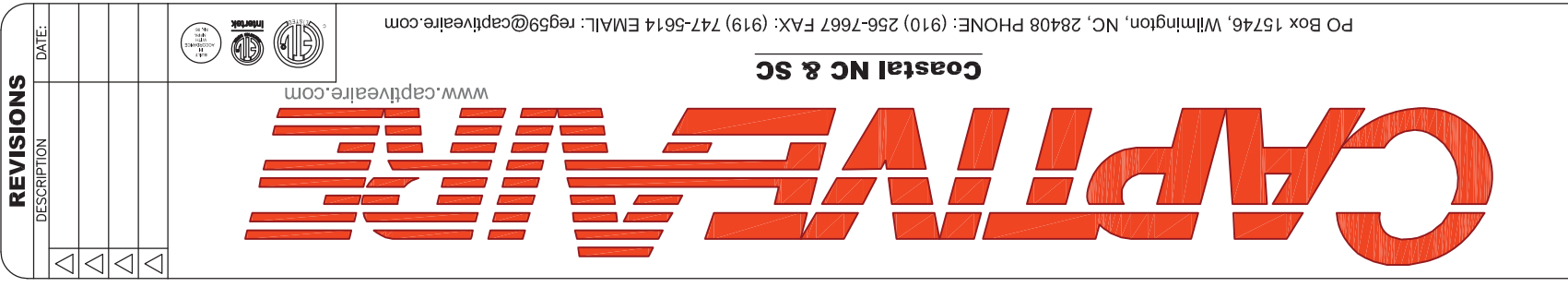
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BY: LEDINGTON
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CANOPY HOOD
SCHEDULE
NOTES

SHEET NUMBER

M-5
OF 1

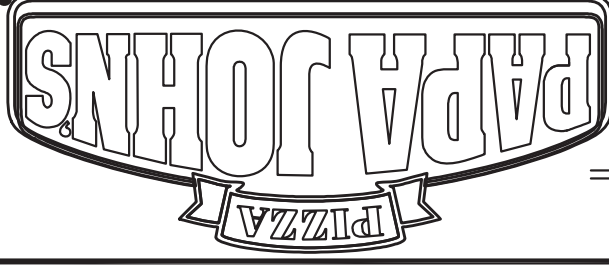


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Papa Johns - Pueblo, CO	PUEBLO, CO, 81001
DRAWN BY: MJN-59	SCALE: N.T.S.
MASTER DRAWING	
SHEET NO. 3	

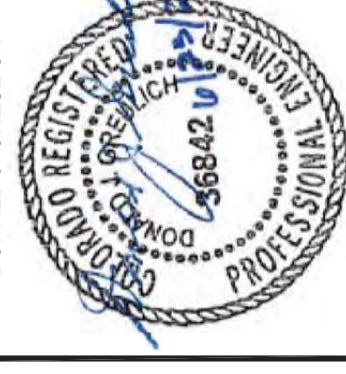
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CO. P.E. EXP. DATE: 10/31/17
DONALD J. GREULICH



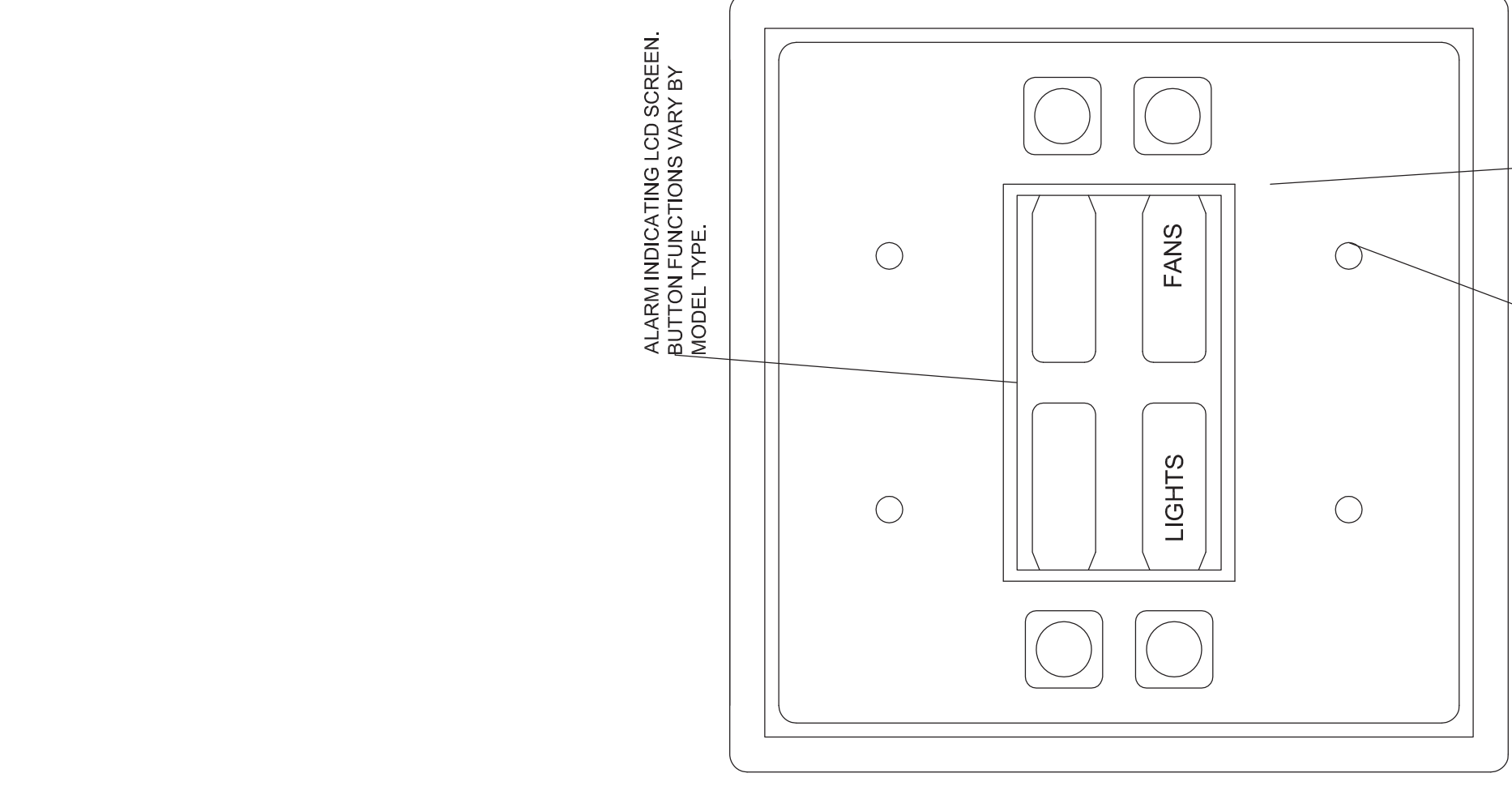
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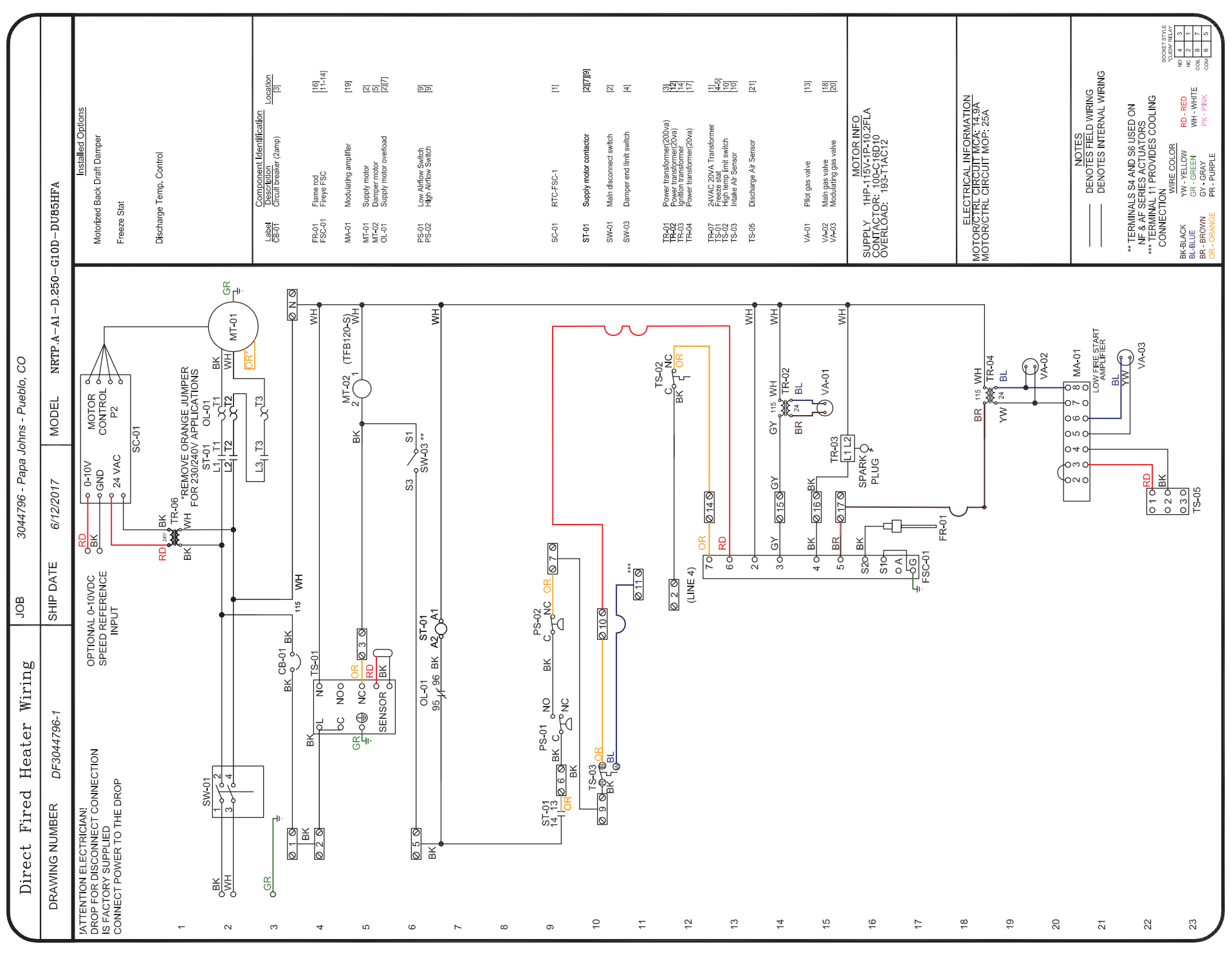
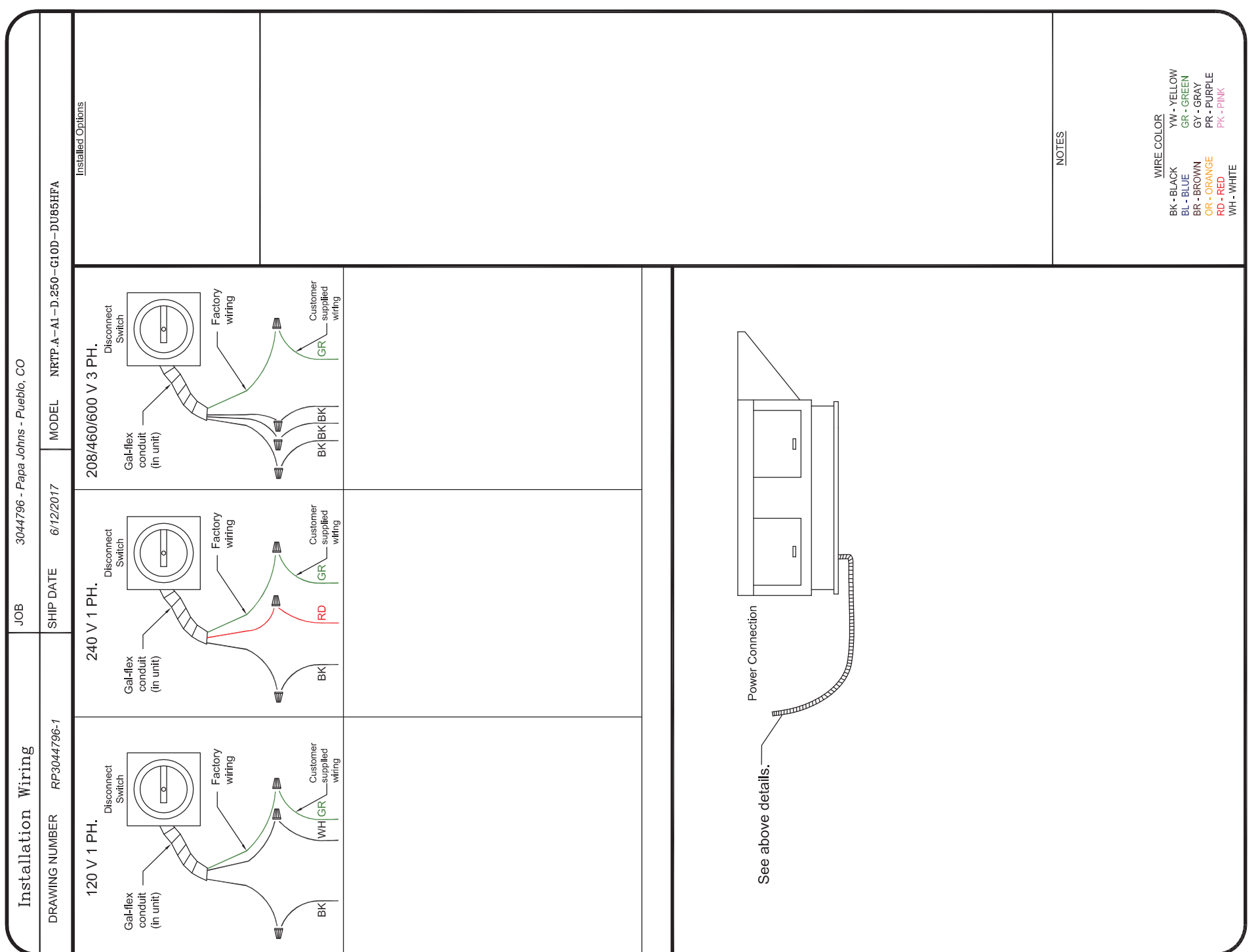
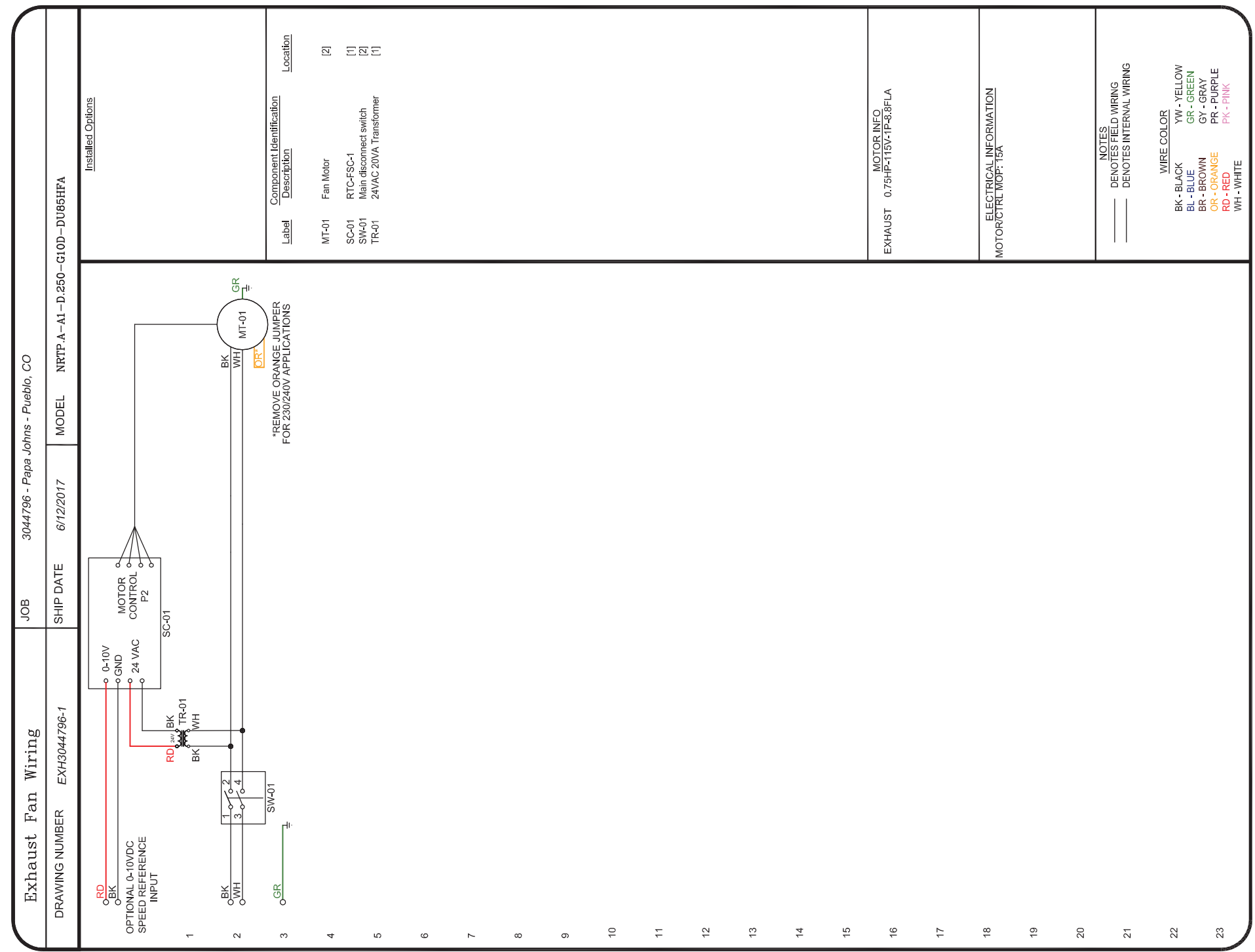
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BY: LEDINGTON
SHEET TITLE
CANOPY HOOD SCHEDULE NOTES
SHEET NUMBER



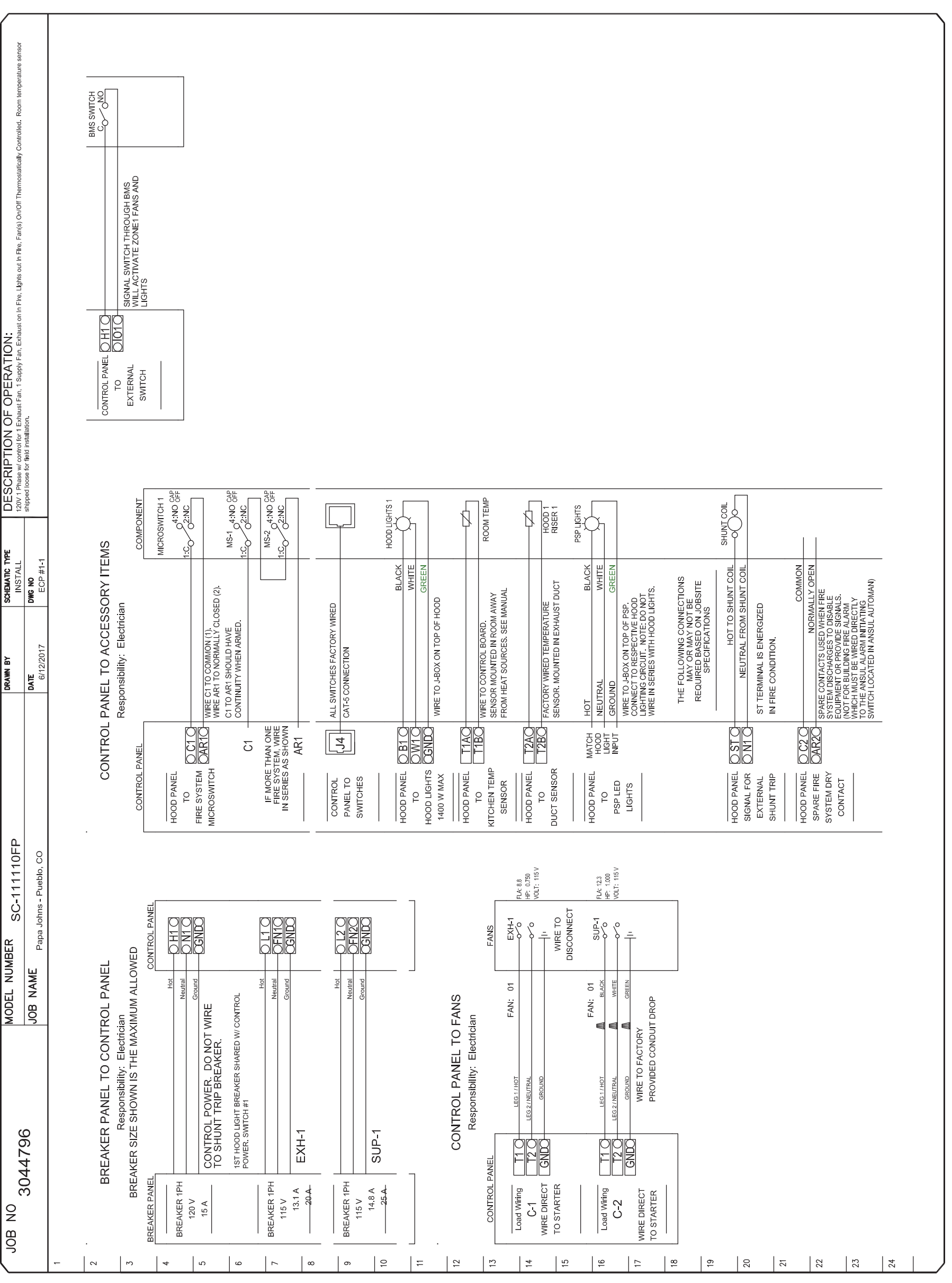
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NEW STORE LOCATION
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ELECTRICAL PACKAGES - Job#3044796

NO.	TAG	PACKAGE #	LOCATION	LOCATION	OPTION	FANS CONTROLLED		
						TYPE	Φ	H.P. VOLT FLA
1		SC-11110FP	Utility Cabinet Left	Hood # 1	Smart Controls Thermostatic Control	Exhaust	1	0.750 115 5.8
						Supply	1	1.000 115 10.2



14 x 18 x 6 Box

DuctWork #1 Parts - Job#3044796

Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description
P1	DW1412LT	1500	-0.004	8.04	1403.16	1	Single Wall Duct 14" diameter, 12" long, flange at both ends. Stainless Steel.
P2	DW1445ASY	1500	-0.0315	6.00	1403.16	1	Single Wall Duct 45 Degree Elbow, 14" Duct, Assembly.
P3	DW1418LT	1500	-0.005	11.75	1403.16	1	Single Wall Duct 14" diameter, 18" long, flange at both ends. Stainless Steel.
P4	DW1445ASY	1500	-0.045	6.00	1403.16	1	Single Wall Duct 45 Degree Elbow, 14" Duct, Assembly.
P5	DW141TEASY	1500	-0.008	12.72	1403.16	1	Single Wall Duct Tee, 14" Duct, Assembly.
P6	DW1415ADKIT			5.82		1	Duct Access Door with Handle & Grease Dam, for 14" duct use 15" door. Stainless Steel.
P7	DW1440LT	1500	-0.0116	22.66	1403.16	1	Single Wall Duct 14" diameter, 40" long, flange at both ends. Stainless Steel.
P8	DW1448ADKIT	1500	-0.0104	25.58	1403.16	1	Single Wall Duct Adjustable, 14" diameter, 47.5" long, flange at one end With a 14" Adjustable Collar - Stainless Steel.
P9	DW2314TP	1500	0	8.49	1403.16	1	Duct to Curb Transition, 23" Curb to 14" Duct, 16 GA Aluminumized. Used on BDU15, DU75 & 85.
System at P9		1500	-0.3325				
3M-2000PLUS				0.80		2	Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.
DW14CLASY				1.37		8	Duct "v" Clamp With new design 14 Ga Brackets, 14" Duct, Assembly.
Total Weight				119.62			

GREASE DUCT SPECIFICATION

Furnish single-wall, factory built, grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96. Products shall be ETL listed to UL-1978 for venting air and grease vapors from commercial cooking operations as described in NFPA-96. The duct wall shall be constructed of .036 thick type 430 stainless steel and be available in diameters 8" through 24". All supports, fan adapters, hood connections, fittings and expansion joints required to install grease duct shall be included. Roof penetrations shall comply with listed clearance to combustibles, see "Clearance to Combustibles" guide for details. The grease duct will terminate at the fan adapter plate, will be fully welded to the fan adapter plate and the fan adapter plate will be fastened to the curb using a suitably sized fastener provided by others; see page 12 of the "Installation, Operation and Maintenance Manual" for details. Grease duct joints shall be held together by means of formed vee clamps and sealed with 3M Fire Barrier 2000+. Screws used to secure the vee clamps shall be of the hex-head type with flanged stops and tapered "lead in" threads for easy starting. Nuts shall be retained by means of a free-floating cage to allow easy alignment. Single-Wall Grease Duct shall be installed in accordance with the manufacturer's "Installation, Operation and Maintenance Manual", ETL listing and state and local codes. Grease duct installed outside of the building shall be protected against accidental damage or vandalism. Support vertically installed grease duct from the building structure using rigid structural supports. Anchor supports to the structure by welding or bolting steel expansion anchors or concrete inserts. Support horizontally installed grease duct from the building structure using above method or use *Duct Mate, Wire Rope & Clutchers*, part numbers WR20 & CL20. 1/2" Threaded rod and saddles may also be used for the support of horizontal grease duct. Fans shall be supported independently from the grease duct sections. Protect grease duct from twisting or movement caused by fan torque or vibration.

DIAMETER	CLEARANCE TO COMBUSTIBLES	
	COMBUSTIBLES	NON COMBUSTIBLES
8"	18"	3"
10"	18"	3"
12"	18"	3"
14"	18"	3"
16"	18"	3"
18"	18"	3"
20"	18"	3"
24"	18"	3"

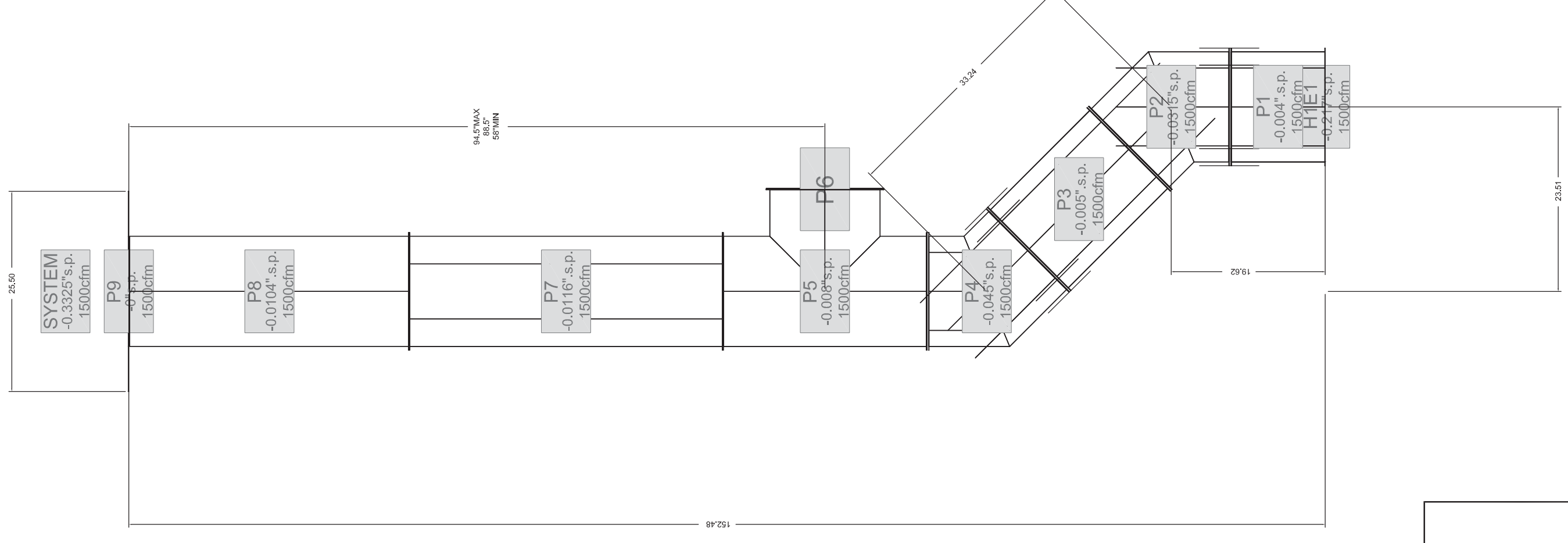
ADJUSTABLE DUCT OVERLAP - MINIMUM	
DIAMETER	OVERLAP
8"	4"
10"	4"
12"	5"
14"	6"
16"	6"
18"	6"
20"	6"
24"	6"

NOTE: CAPTIVEAIRE FACTORY FABRICATED DUCT IS ETL LISTED PER UL1978 STANDARD. PLEASE REFERENCE FOR IMC 2012 COMPLIANCE: 506.3.1.1 EXCEPTION, 506.3.2 EXCEPTION, 506.3.2.2 EXCEPTION #2. TO BE INSTALLED IN ACCORDANCE WITH SECTION 304.1

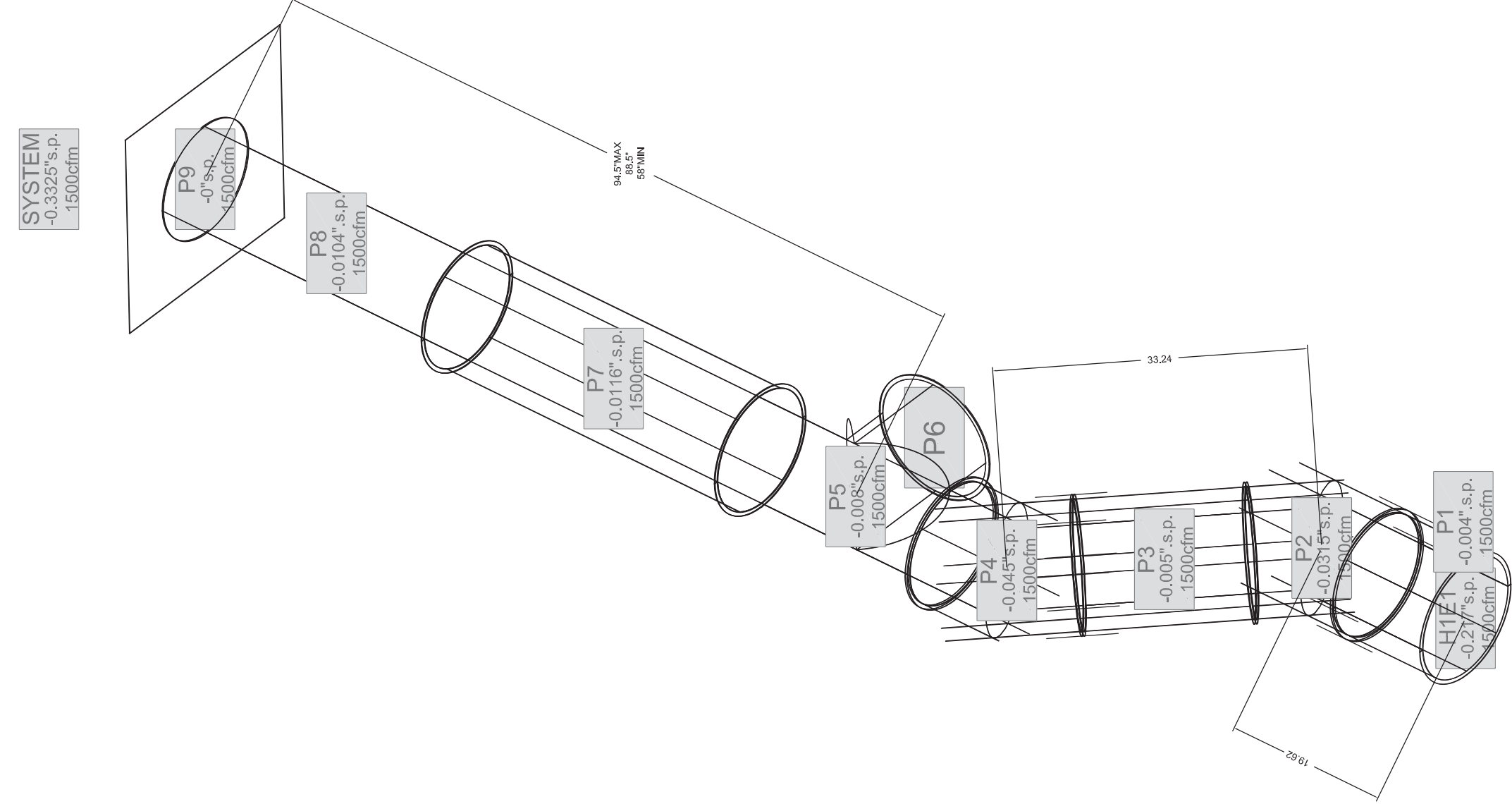
304.1 STATES: EQUIPMENT AND APPLIANCES SHALL BE INSTALLED AS REQUIRED BY THE TERMS OF THEIR APPROVAL, IN ACCORDANCE WITH THE CONDITIONS OF THE LISTING, THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THIS CODE.

NOTE: FANS ARE SIZED BASED ON A FAIRLY STRAIGHT UP DUCT RUN. IF THIS IS NOT THE CASE, PLEASE CONTACT CAPTIVEAIRE

DuctWork #1 Front View



DuctWork #1 SE View



Coastal NC & SC
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REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		
4		

Papa Johns - Pueblo, CO
Pueblo, CO, 81001

DATE: 6/12/2017
DWG.#: 3044796
DRAWN BY: JUN-59
SCALE: N.T.S.
MASTER DRAWING

SHEET NO. 5

PO # 5072827

PROJECT NUMBER



PAPA JOHN'S INTERNATIONAL, INC.
2002 PAPA JOHN'S BLVD.
LOUISVILLE, KENTUCKY 40294

CO. P.E. EXP. DATE: 10/31/17
DONALD J. GREULICH



6/29/2017



NEW PAPA JOHN'S PIZZA STORE:
1021 MARKET PLAZA, SUITE 106
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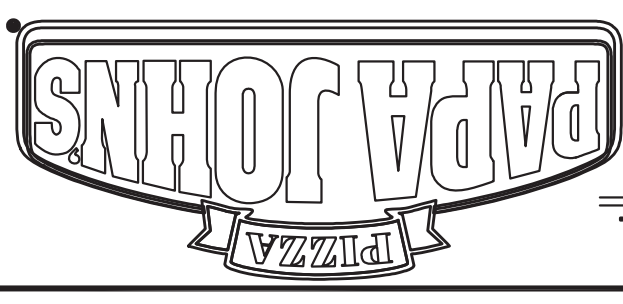
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SHEET TITLE
CANOPY HOOD SCHEDULE NOTES
SHEET NUMBER

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CO. P.E. EXP. DATE: 10/31/17
THOMAS YELLINA



6/29/2017

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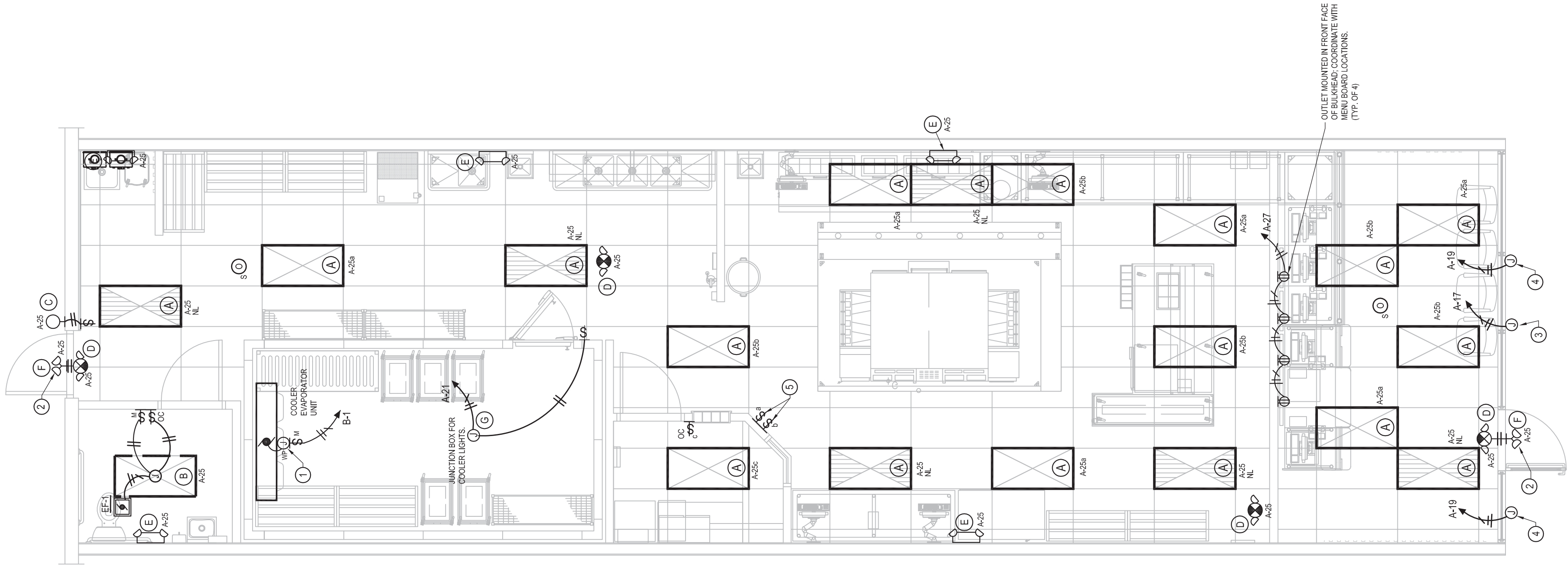
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DATE: 6/29/2017
DATE REVISED

BY: LEDINGTON
SHEET TITLE
LIGHTING PLAN, NOTES, GENERAL NOTES
SHEET NUMBER

NEW STORE LOCATION
1021 MARKET PLAZA, SUITE 106
PUEBLO WEST, CO 81007
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- ELECTRICAL SHEET NOTES:** (LIGHTING)
- JUNCTION BOX WITH MOTOR RATED TOGGLE SWITCH IN WEATHER PROOF ENCLOSURE, FOR CONNECTION TO EVAPORATOR UNIT.
 - VERIFY WITH OWNER EXACT LOCATION AND MOUNTING HEIGHT OF EMERGENCY EGRESS LIGHTING ABOVE DOOR AND PLATE GLASS.
 - JUNCTION BOX FOR CONNECTION TO AWNING LIGHTING. VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
 - JUNCTION BOX FOR CONNECTION TO PAPA JOHN'S SIGN. VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
 - SWITCH BANK FOR CONTROL OF INTERIOR LIGHT FIXTURES. ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN.



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

- GENERAL NOTES:**
- GENERAL REQUIREMENTS**
- ELECTRICAL CONTRACTOR SHALL COORDINATE FULLY WITH OTHER CONTRACTORS ASSOCIATED WITH THIS PROJECT TO VERIFY ALL EQUIPMENT LOCATIONS, CONNECTION REQUIREMENTS, ELEVATIONS AND LOCATIONS OF PIPES, CONDUITS AND DUCTS TO PREVENT CONFLICTS DURING CONSTRUCTION. ANY RELOCATION OR REROUTING OF EQUIPMENT, PIPES, CONDUITS, DUCTS OR MATERIALS RESULTING FROM A LACK OF COORDINATION BETWEEN CONTRACTORS WILL BE AT THE CONTRACTORS EXPENSE.
 - EQUIPMENT ROUGH-IN'S SHOWN ARE ACCURATE TO THE BEST OF DESIGNER'S KNOWLEDGE. HOWEVER, IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY SUBSTITUTE, OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE ELECTRICAL CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED DISCONNECT SWITCHES AND MOTOR STARTERS TO ALL EQUIPMENT PRIOR TO CONSTRUCTION AND PROVIDE 12WAG CONNECTION AS REQUIRED.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS AT JOB COMPLETION TO ARCHITECT.
 - ALL WORK SHALL BE INSTALLED PER ALL GOVERNING CODES.
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL OVEN PLUGS, HUBBELL PLUGS (TWIST LOCKS)/RECEPTACLES COMPLETE. REFER TO INSTRUCTION MANUAL FOR DETAILS.
 - ALL LIGHTING AND SIGN CIRCUIT BREAKERS TO BE "SWITCH GRADE".
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL STARTERS FOR ROOF MOUNTED SUPPLY AND EXHAUST FANS (MAU-1) AND EF-2) AND START-STOP SWITCH, BOTH MAU-1 AND EF-2 SHALL RUN AND STOP TOGETHER AND ARE TO BE CONTROLLED FROM THE SAME SWITCH.
 - ALL JUNCTION BOXES INSTALLED ABOVE OR DIRECTLY BELOW THE SUSPENDED CEILING SHALL BE SUPPORTED IN ACCORDANCE WITH ARTICLE 314-23 OF THE 2014 NEC.
 - COMPUTER AND PHONE WIRING SHALL BE ROUTED IN 3/4" CONDUIT TO PHONE BOARD FROM DEVICE LOCATION.
 - ELECTRICAL CONTRACTOR SHALL USE THE PORCELAIN WIRE NUTS PROVIDED WITH THE HEAT STRIP UNITS. THE USE OF PLASTIC WIRE NUTS WILL VOID THE MANUFACTURERS WARRANTY. ELECTRICAL CONTRACTOR SHALL USE 90° C WIRE FOR CONNECTION TO HEAT STRIP UNITS PER MANUFACTURERS RECOMMENDATION.
 - USE CIRCUIT BREAKERS UL LISTED AS HACR TYPE FOR USE WITH HVAC AND REFRIGERATING EQUIPMENT HAVING MOTOR GROUP COMBINATIONS AND MARKED FOR USE WITH HACR TYPE CIRCUIT BREAKERS.
 - ELECTRICAL CONTRACTOR SHALL MAKE ALL REQUIRED ELECTRICAL CONNECTIONS FOR WALK-IN COOLER LIGHTING, WALK-IN COOLER REFRIGERATION UNIT, AND CUT TABLE HEAT STRIP UNITS.
 - FLUORESCENT LAMPS IN FOOD PREP, COOK AND FOOD STORAGE AREAS SHALL BE PROVIDED WITH SHATTER PROTECTIVE COVERS. GENERAL ELECTRIC "COVERGUARD" LAMPS OR APPROVED EQUAL.
 - ALL EXIT SIGNS, EMERGENCY EGRESS LIGHTS AND NIGHT LIGHT FIXTURES SHALL BE CONNECTED TO THE BRANCH CIRCUITS INDICATED AHEAD OF RESPECTIVE CONTROL SWITCH. IN ORDER TO PROVIDE UNSWITCHED SOURCE TO FIXTURES.
 - ALL 125 VOLT, SINGLE PHASE, 15 OR 20 AMP RECEPTACLES LOCATED IN THE KITCHEN AND FOOD PREP AREA SHALL HAVE GROUND-FULT CIRCUIT-INTERRUPTER PROTECTION AS REQUIRED BY SECTION 210.8.8 OF THE 2014 NEC.
- RACEWAY SYSTEMS**
- ALL BRANCH CIRCUIT WIRING SHALL BE ROUTED IN EMT, ELECTRICAL METALLIC TUBING, USE STEEL SET SCREW TYPE FITTINGS ON ALL EMT. CONDUIT SHALL BE SUPPORTED AT INTERVALS PER NEC REQUIREMENTS AND SHALL BE SECURELY FASTENED TO BUILDING WITH AN APPROVED FASTENING SYSTEM.
- WIRING, WIRING DEVICES, PLATES AND GROUNDING**
- ALL WIRING SHALL CONSIST OF COPPER CONDUCTORS WITH THERMOPLASTIC INSULATION RATED FOR SIX HUNDRED (600) VOLTS. ALL WIRING INSULATION SHALL BE HEAT AND MOISTURE RESISTANT TYPES THW, THWN, OR THHN FOR INTERNAL AND DRIVE LOCATIONS.
 - MINIMUM CONDUCTOR SIZE SHALL BE NO. 12 AWG FOR ALL POWER CIRCUITS, I.E. RECEPTACLES, LIGHTING, EQUIPMENT POWER, ETC.). NUMBER 14 AWG SHALL BE MINIMUM SIZE PERMITTED FOR EQUIPMENT CONTROL CIRCUIT WIRING.
 - ALL SPLICES AND CONNECTIONS SHALL BE MADE IN OUTLET BOXES, JUNCTION BOXES OR EQUIPMENT WHERE ACCESSIBLE.
 - CONDUCTORS SHALL BE PULLED WITHOUT THE USE OF OIL OR GREASE. WIRE PULLING LUBRICANTS WHICH ARE APPROVED FOR USE WITH CONDUCTORS SHALL BE USED. WIRING SHALL BE PULLED WITH CARE TO AVOID DAMAGE TO INSULATION. MINIMUM ALLOWABLE PULLING TENSION OF WIRE IS NOT EXCEEDED. WIRING WITH DAMAGED CONDUCTORS OR INSULATION WILL NOT BE ACCEPTED.
 - ALL PLUG-IN DEVICES SHALL BE GROUNDING TYPE. A GROUNDING JUMPER FROM RECEPTACLE TO OUTLET BOX SHALL BE INSTALLED WHERE CONDUIT SYSTEM IS USED FOR GROUND.
 - ALL WIRING SHALL BE PROTECTED BY NON-FLEXIBLE RIGID CONDUCTING CONDUCTOR (NO. 12 AWG MINIMUM IN RACEWAYS AS INDICATED ON DRAWINGS AND IN ALL NON-METALLIC RACEWAYS PER NEC).
 - SWITCHES FOR LIGHTING CONTROL SHALL BE INDUSTRIAL GRADE, IVORY COLOR, SIDE WIRED ONLY, TWENTY (20) AMP, ONE HUNDRED TWENTY (120) VOLT, SEVEN (7) SEVEN (120/277) VOLT.
 - DUPLEX RECEPTACLES SHALL BE INDUSTRIAL GRADE, THREE (3) WIRE GROUNDING, IVORY COLOR, FINGER GROOVE, TWENTY (20) AMP, NEMA 5-20R 125 VAC. RECEPTACLE COLOR SHALL BE WHITE WHEN MOUNTED IN CEILING.
 - PLATES FOR FLUSH MOUNTED DEVICES SHALL BE STAINLESS STEEL. PLATES FOR SURFACE MOUNTED BOXES SHALL BE GALVANIZED STEEL. PLATE COLOR SHALL BE WHITE WHEN MOUNTED IN CEILING.
- LIGHTING FIXTURES**
- PROVIDE LIGHTING FIXTURES, OF SIZES, TYPES AND RATINGS INDICATED, COMPLETE WITH, BUT NOT LIMITED TO, HOUSINGS, ENERGY-EFFICIENT LAMPS, LAMP HOLDERS, REFLECTORS, ENERGY EFFICIENT BALLASTS, STARTERS AND WIRING. SHIP FIXTURES FACTORY-ASSEMBLED, WITH THOSE COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION, DESIGN FIXTURES WITH CONCEALED HINGES AND CATCHES, WITH METAL PARTS GROUNDING AS COMMON UNIT, AND SO CONSTRUCTED AS TO DAMPEN BALLAST GENERATED NOISE.
 - ALL LIGHT FIXTURES SHALL BE UL LISTED.
 - INSTALL INTERIOR LIGHTING FIXTURES AT LOCATIONS AS INDICATED. IN ACCORDANCE WITH FIXTURE MANUFACTURERS WRITTEN INSTRUCTIONS AND THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE, FEDERAL AND INTERNATIONAL ELECTRICAL INDUSTRY PRACTICES TO ENSURE THAT LIGHTING FIXTURES MEET ALL REQUIREMENTS.
 - PROVIDE AND INSTALL ALL LIGHT FIXTURES INDICATED COMPLETE WITH SPECIFIED LAMPS. FLUORESCENT LAMPS SHALL BE 4ft, 20W, T-8, RAPID START WITH NOMINAL OPERATING TEMPERATURES OF 5,000°K - MINIMUM INITIAL LIGHT OUTPUT OF 2800 LUMENS. COMPACT FLUORESCENT LAMPS SHALL BE 26 WATT COMPACT FLUORESCENT LAMPS SHALL BE HIGH COLOR RENDERING, HIGH EFFICIENCY LAMPS WITH NOMINAL OPERATING TEMPERATURE OF 3,500°K.
 - FASTEN LIGHTING FIXTURES SECURELY TO STRUCTURAL SUPPORTS, AND ENSURE THAT FIXTURES ARE PLUMB AND LEVEL.
 - FLUORESCENT FIXTURES INSTALLED IN PLUMB CEILING SHALL BE SUPPORTED BY ADDITIONAL WIRE SUPPORT AT TWO CORNERS, ATTACHED TO CEILING GRID, AND ANCHORED TO STRUCTURAL MEMBER. THIS ADDITIONAL WIRE SUPPORT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND IS NOT CONSIDERED PART OF GENERAL GRID LAYOUT.
 - PROVIDE EQUIPMENT GROUNDING CONNECTIONS FOR INTERIOR LIGHTING FIXTURES AS INDICATED. TIGHTEN CONNECTION TO COMPLY WITH TIGHTENING TORQUES SPECIFIED IN UL STD 488A TO ASSURE PERMANENT AND EFFECTIVE GROUNDS.
- FIRE RATED WALL PENETRATIONS**
- PROVIDE UL LISTED FIRESTOP SYSTEM SEALANTS AROUND ALL CONDUITS PASSING THROUGH ALL RATED WALLS OR FLOORS IN ACCORDANCE WITH THE UL FIRE RESISTANCE DIRECTORY.
 - THE SELECTED SYSTEM MUST BEAR AN APPROVED UL PENETRATION SYSTEM NUMBER AND BE INSTALLED IN ACCORDANCE WITH THE SELECTED SYSTEM TAKING INTO ACCOUNT THE CONSTRUCTION AND THE RATING OF THE RATED ASSEMBLY BEING PENETRATED AND THE TYPE OF PENETRATION BEING MADE.
 - IN THE FIELD, ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS TO CONFIRM NUMBER AND EXTENT OF ALL FIRE RATED PARTITIONS.
- APPROVED PRODUCTS:**
- (1) HILLCS240
 - (2) TERMCO PYRESHIELD
 - (3) 3M CP-25



PAPA JOHN'S INTERNATIONAL, INC.
2002 PAPA JOHN'S BLVD.
LOUISVILLE, KENTUCKY 40294

CO. P.E. EXP. DATE: 10/31/17

THOMAS YELLINA



6/29/2017



NEW PAPA JOHN'S PIZZA STORE :
1021 MARKET PLAZA, SUITE 106
PUEBLO WEST, CO 81007

DATE: 6/29/2017
DATE REVISED

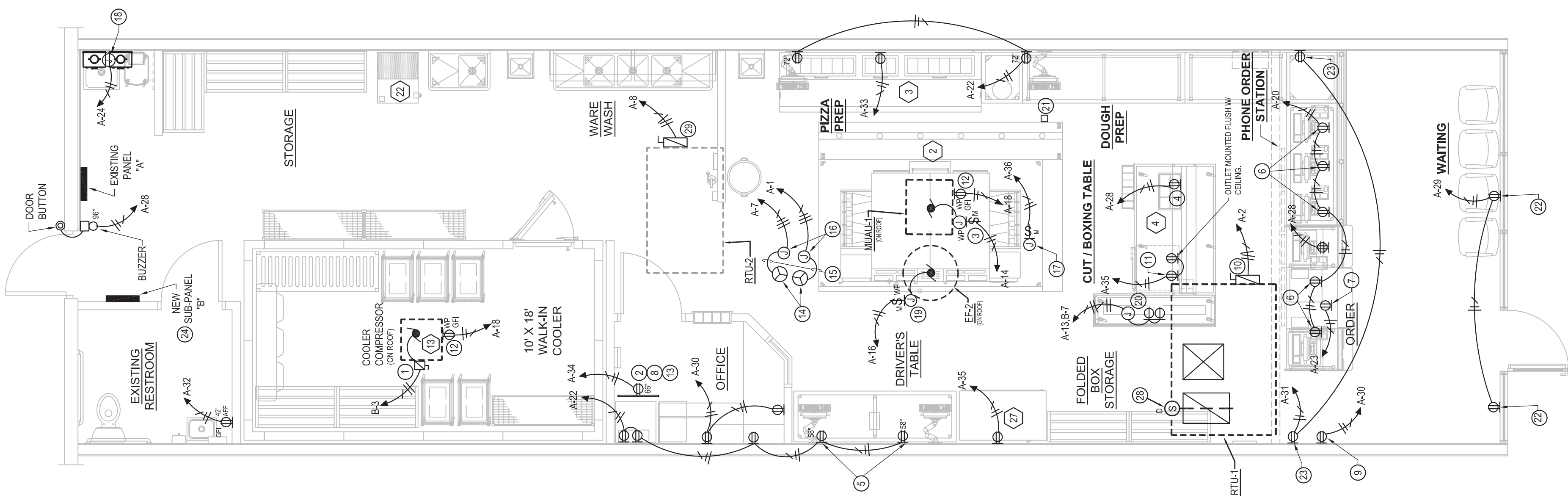
BY: LEDINGTON
SHEET TITLE
POWER PLAN, NOTES, EQUIPMENT PLAN

SHEET NUMBER
E-2
OF 4

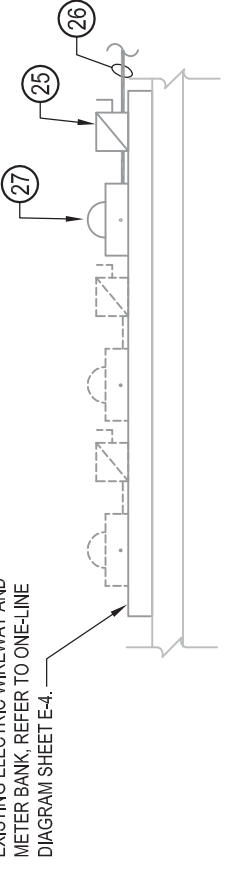
- ELECTRICAL SHEET NOTES:** (POWER)
- 2P, 30AMP, 240V, NEMA 3R FUSIBLE DISCONNECT SWITCH FOR CONNECTION TO COOLER COMPRESSOR, FUSE PER UNIT NAME PLATE.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL (1) 2" CONDUIT WITH PULL STRING FROM TELEPHONE BACKBOARD TO MAIN BUILDING TELEPHONE DEMARK LOCATION FOR BUILDING CONTRACTOR SHALL VERIFY EXACT LOCATION WITH BUILDING OWNER PRIOR TO BID.
 - JUNCTION BOX WITH MOTOR RATED TOGGLE SWITCH IN WEATHER PROOF ENCLOSURE FOR CONNECTION TO MAKE-UP AIR FAN (MUAU-1). FIELD VERIFY ELECTRICAL REQUIREMENTS WITH HOOD SUPPLIER.
 - ONE (1) TWIST-LOCK OUTLET IN CEILING WITH TWIST-LOCK STRAIN-RELIEF DROP CORD TERMINATING 12" BELOW CUT TABLE HEIGHT IN A SINGLE STANDARD 3-PRONG GROUNDED OUTLET. OUTLET AND CORD SHALL BE PLACED AT THE SAME LOCATION AS THE OUTLET'S FOR THE CUT-FIBER HEAT STRIPS.
 - MOUNT RECEPTACLE AND COMPUTER CONNECTION SHALL BE STRUCK MOUNTED. RECEPTACLE AND COMPUTER CONNECTION SHALL BE STRUCK MOUNTED.
 - MOUNT RECEPTACLE UNDER COUNTER TOP AS HIGH AS POSSIBLE.
 - DUPLEX RECEPTACLE FOR CONNECTION TO PAPA JOHN'S BLUE DOT SAFE. MOUNT RECEPTACLE UNDER COUNTER TOP AS HIGH AS POSSIBLE. E.G. SHALL VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL 12X1/4X1/2" COPPER GROUND BUS WITH INSULATED STAND-OFFS. EXTEND (1) #8 AWG INSULATED GROUND CONDUCTOR FROM TELECOMMUNICATION GROUND BUS BACK TO MAIN ELECTRICAL SERVICE GROUND.
 - ELECTRICAL CONTRACTOR SHALL INSTALL DUPLEX RECEPTACLE 6" BELOW LAN-IN CEILING AND 15" RADIUS MINIMUM FROM GAS-FIRED OVEN FOR CONNECTION TO CARBON MONOXIDE DETECTOR. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL DETECTOR.
 - NEW 3P, 60AMP, 240V, NEMA 3R FUSIBLE DISCONNECT SWITCH FOR CONNECTION TO HVAC UNIT.
 - ONE (1) TWIST-LOCK OUTLET IN CEILING WITH TWIST-LOCK STRAIN-RELIEF DROP CORD TERMINATING 12" BELOW CUT TABLE. ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOX UNDER CUT TABLE AND NEXT TO REFRIGERATION UNIT. FIELD VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
 - MOUNT ON UNIT.
 - TELEPHONE SYSTEM FURNISHED BY PHONE CONTRACTOR MOUNT ON 48"X48"X3/4" PLYWOOD BACKBOARD. BOTTOM OF BACKBOARD AT 72" A.F.F. BACKBOARD BY ELECTRICAL CONTRACTOR. HUBBELL #419 AND HUBBELL #411.
 - (6) #12 AWG DROP CORDS TO PIZZA OVEN RECEPTACLE. CONNECTED TO JUNCTION BOX AT CEILING. DO NOT ROUTE THROUGH SUSPENDED CEILING TILE.
 - ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOX BELOW SUSPENDED CEILING AND MAKE HARD WIRE CONNECTION TO TYPE SO CORD DROP TO PIZZA OVEN RECEPTACLE. PROVIDE STRAIN RELIEF FOR CONNECTION AT JUNCTION BOX. FIELD VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
 - JUNCTION BOX WITH MOTOR RATED TOGGLE SWITCH FOR 120VAC CONNECTION TO HOOD SUPPRESSION CONTROL PANEL. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS WITH HOOD SUPPLIER PRIOR TO ROUGH-IN.
 - JUNCTION BOX WITH MOTOR RATED TOGGLE SWITCH FOR 120VAC CONNECTION TO TWO (2) RINKAI MODEL RL41 (V2837 FFJD) TANKLESS WATER HEATERS. E.G. SHALL VERIFY EXACT ELECTRICAL CHARACTERISTICS OF UNIT AND CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
 - JUNCTION BOX WITH MOTOR RATED TOGGLE SWITCH IN NEMA 3R ENCLOSURE FOR CONNECTION TO EXHAUST FAN. FIELD VERIFY ELECTRICAL REQUIREMENTS WITH HOOD SUPPLIER.
 - ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOX BELOW SUSPENDED CEILING AND MAKE HARD WIRE CONNECTION TO TYPE SO CORD DROP TO HEAT STRIP RECEPTACLE. PROVIDE STRAIN RELIEF FOR CONNECTION AT JUNCTION BOX. FIELD VERIFY EXACT MOUNTING LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
 - START/STOP SWITCH WITH PILOT LIGHT FOR EF-2 AND MUAU-1. PROVIDE WIRING AS REQUIRED.
 - DUPLEX RECEPTACLE INSTALLED FLUSH IN CEILING FOR WINDOW SIGNAGE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
 - DUPLEX RECEPTACLE INSTALLED FLUSH IN CEILING FOR CCTV MONITOR/CAMERA. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
 - TIME CLOCK FOR LIGHTS AND SIGNAGE SHALL BE FOUR POLE, 7 DAY TIMER WITH QUARTZ CARRY-OVER. PARAGON MODEL NO. 7007-01 OR EQUAL.
 - EXISTING TENANT SERVICE DISCONNECT SWITCH TO REMAIN AND BE RE-USED.
 - EXISTING TENANT SPACE FEEDER TO REMAIN AND BE RE-USED.
 - EXISTING THREE PHASE METER SOCKET TO REMAIN AND BE RE-USED.
 - DUCT MOUNTED SMOKE DETECTOR. INTERLOCK WITH FAN MOTOR TO SHUT-OFF FAN WHEN IN ALARM. SUPPLY REMOTE TEST SWITCH AND INDICATOR LIGHT. FIELD VERIFY MOUNTING LOCATION.
 - NEW 3P, 30AMP, 240V, NEMA 3R FUSIBLE DISCONNECT SWITCH FOR CONNECTION TO HVAC UNIT.

EQUIPMENT SCHEDULE

MARK	ITEM
2	OVERHOOD
3	MARKLINE - VICTORY PT
4	CUTTING BOX TABLE W/HEAT SHELVES
13	MOLD PACK SPLIT SYSTEM
22	HIGH MOBILE S.S. CANRACK TABLE
27	CAN BEVERAGE COOLER AND DISPENSER



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



NEW STORE LOCATION
1021 MARKET PLAZA, SUITE 106
PUEBLO WEST, CO 81007

PJF FO#
F-5072827

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ELECTRICAL LEGEND

- LIGHTING AND/OR APPLIANCE PANELBOARD - RECESS MOUNTED.
 - FLUORESCENT LIGHTING FIXTURE - LETTER REFERS TO FIXTURE TYPE REFER TO LIGHT FIXTURE SCHEDULE.
 - DISCONNECT SWITCH
 - MOTOR OUTLET
 - JUNCTION BOX OR OUTLET BOX CONCEALED ABOVE CEILING
 - WALL OR CEILING MOUNTED EMERGENCY EXIT LIGHT
 - WALL MOUNTED EMERGENCY EXIT LIGHT W/ DUEL LAMP
 - WALL MOUNTED EMERGENCY BATTERY PACK W/ WIND LAMPS
 - WALL MOUNTED DUEL LAMP EMERGENCY LIGHT W/ BATTERY PACK
 - ELECTRIC SMOKE DETECTOR
 - DUCT MOUNTED PHOTOELECTRIC SMOKE DETECTOR, (20) VAC.
 - DUPLEX OUTLET 20 A, 125 VOLT RECEPTACLE, MOUNT AT 18" A.F.F. TO CENTER, UNLESS NOTED OTHERWISE.
 - DOUBLE DUPLEX OUTLET.
 - TELEPHONE OUTLET
 - COMPUTER DATA CONNECTION, E.C. SHALL VERIFY NUMBER OF DATA DROPS AND EXACT LOCATION OF DATA DROPS WITH OWNER PRIOR TO ROUGH-IN.
 - BELL AND TRANSFORMER
 - DOOR BELL BUTTON
 - BATTERY OPERATED SMOKE DETECTOR
 - NUMBER IN HEX SYMBOL REFERS TO EQUIPMENT SPECIFIED IN EQUIPMENT SCHEDULE - SEE SHEET E-1.
 - 1P, 20AMP 125 VOLT MOTOR RATED TOGGLE SWITCH WITH WEATHER PROOF ENCLOSURE.
 - SINGLE POLE SWITCH
 - SINGLE POLE SWITCH WITH INTEGRAL OCCUPANCY SENSOR.
 - SPECIAL RECEPTACLE
 - WEATHERPROOF
 - GROUND FAULT INTERRUPTOR
 - ISOLATED GROUND
 - 42"
 - MOUNTING HEIGHT ABOVE FINISH FLOOR
 - NIGHT LIGHT
 - E.C.
 - K.E.S.
 - F.V.M.R.
- INDICATES CONDUIT RUN CONCEALED IN WALLS OR ABOVE CEILING. TICK MARKS INDICATE WIRES - LONG LINES INDICATE PHASE CONDUCTORS. WIRE SIZES ARE #12 AWG UNLESS NOTED OTHERWISE.
- CONDUIT BARS INDICATE CONDUCTORS
- PHASE (HOT)
NEUTRAL (GROUND)
EQUIPMENT GROUNDING

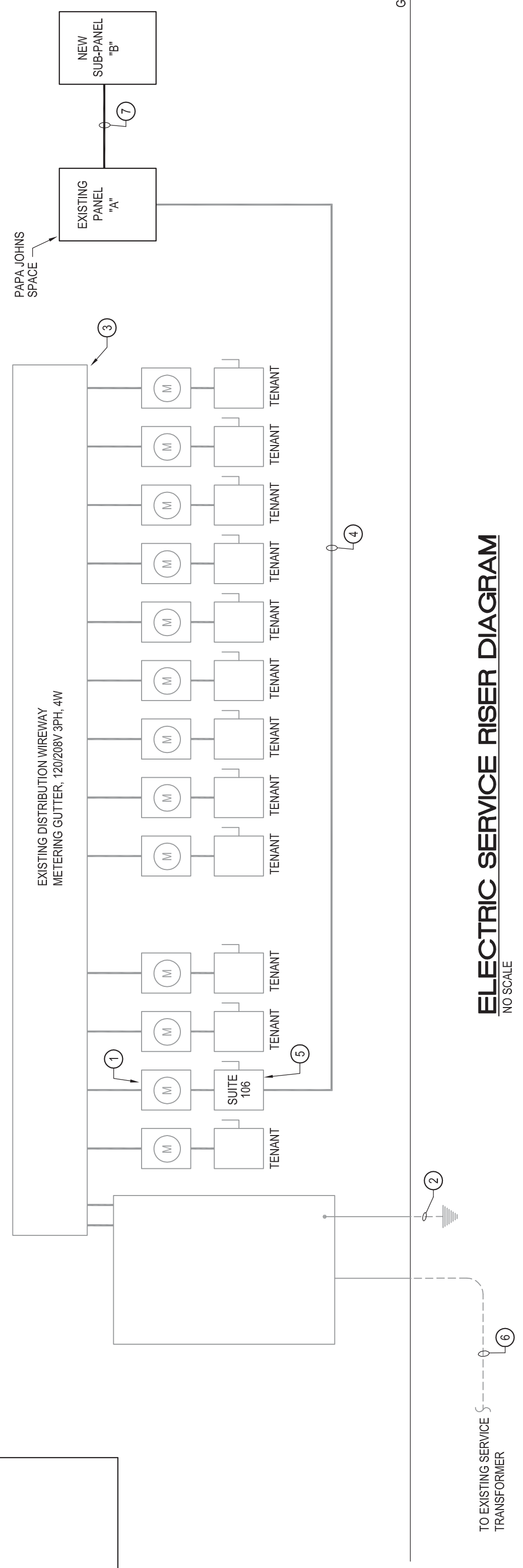
BRANCH CIRCUIT CONDUCTOR SIZES

- 15 AMP CIRCUITS #14 AWG W/ GROUND
- 20 AMP CIRCUITS #12 AWG W/ GROUND
- 30 AMP CIRCUITS #10 AWG W/ GROUND
- 40 AMP CIRCUITS #8 AWG W/ GROUND
- 50 AMP CIRCUITS #6 AWG W/ GROUND
- 60 AMP CIRCUITS #6 AWG W/ GROUND
- 80 AMP CIRCUITS #4 AWG W/ GROUND
- 90 AMP CIRCUITS #3 AWG W/ GROUND
- 100 AMP CIRCUITS #3 AWG W/ GROUND

LIGHT FIXTURE SCHEDULE

FIXTURE TYPE	DESCRIPTION	CATALOG NUMBER	LAMP	VOLTAGE	INPUT WATTS	BALLAST	LENS/SELECTOR	MOUNTING	REMARKS
A	2' X 4' LAY-IN LED TROFFER	CREE #CR24-40L 35K	3500K LED	UNV	40	ELECTRONIC DRIVER	ACRYLIC	RECESSED CEILING	
B	2' X 4' FLANGED LED TROFFER	CREE #CR24-40L 35K DGA	3500K LED	UNV	40	ELECTRONIC DRIVER	ACRYLIC	RECESSED CEILING	PROVIDE WITH DRYWALL ADAPTOR
C	BACK DOOR COMPACT FLUORESCENT WALL LIGHT	LITHONIA WPCWYD0T1-120	(1) 28W DTT	120	28	N/A	N/A	WALL BY BACK DOOR	
D	EMERGENCY DUAL LAMP EXIT LIGHT W/ BATTERY BACK-UP	LITHONIA LH0M LED RH0	(2) 1.5W AC, 3.6V DC	120/96V	--	N/A	N/A	CEILING/OVER DOOR	
E	EMERGENCY DUAL LAMP W/ BATTERY BACK-UP	LITHONIA ELM2 LED	(2) 1.5W	120	--	N/A	N/A	INSTALL 84" A.F.F.	
F	TWIN EMERGENCY EGRESS OUTDOOR REBOTE HEAD.	LITHONIA ELAT OMP L0309	(2) 1.5W, 9.6V	8.6	--	N/A	N/A	MOUNT ABOVE DOOR	
G	4 FT. FLUORESCENT WALL/CEILING BRACKET W/ WET LOCATION LISTING	LITHONIA DMW-232-720CW #45278	(2) F32T8, 3500K GE	120	36	ELECTRONIC	ACRYLIC	SURFACE	
H	2' X 2' LAY-IN LED TROFFER	CREE #CR22 20L 35K	3500K LED	UNV	22	ELECTRONIC DRIVER	ACRYLIC	RECESSED CEILING	

- ELECTRICAL SERVICE RISER NOTES:**
- EXISTING 200A THREE PHASE METER BASE TO SERVE PAPA JOHN'S TENANT SPACE.
 - EXISTING BUILDING SERVICE GROUNDING ELECTRODE CONDUCTOR TO REMAIN.
 - EXISTING ELECTRICAL SERVICE WIREWAY SERVING TENANT SPACES. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF BUILDING SERVICE WITH OWNER PRIOR TO ANY NECESSARY MODIFICATIONS TO TENANT TAP.
 - EXISTING TENANT SPACE FEEDER - (4) 3/0, AND ONE (1) #6 AWG GROUND IN Z.C. JOINS TENANT SPACE.
 - EXISTING 3P, 400 AMP, 240V, TENANT SERVICE DISCONNECT SWITCH FOR PAPA JOHN'S TENANT SPACE.
 - EXISTING ELECTRICAL SERVICE LATERAL.
 - NEW (4) #8, #10 GROUND IN 3/4" CONDUIT.



PANEL SCHEDULE
PANEL: A (EXISTING)
VOLTAGE: 208 / 208 AMP: 232A PHASE: 3 WIRE: 4

CIR. NO.	TYPE	SERVICES DESCRIPTION	LOAD			CTR. P. A. WATTS	SERVICES DESCRIPTION	BRKR. TYPE	BRKR. OPT. NO.	
			A	B	C					
1	CL	PIZZA OVEN #1	1248	20	2	5268			EC	2
3	CL	PIZZA OVEN #2	1248	20	2	5268			EC	4
5	CL	PIZZA OVEN #3	1248	20	2	5268			EC	6
7	CL	PIZZA OVEN #4	1248	20	2	5268			EC	8
9	CL	HEAT STRIP	840	20	2	2220			EC	10
11	CL	HEAT STRIP	840	20	2	2220			EC	12
13	CL	HEAT STRIP	840	20	2	2220			EC	14
15	CL	HEAT STRIP	840	20	2	2220			EC	16
17	L	AWNING LIGHTING	1600	20	1	1560			EQ	18
19	L	PAPA JOHN'S SIGN	1200	20	1	2100			R	20
21	L	COOLER LIGHTS	200	20	1	1400			R	21
23	R	BLUE DOT SAFE	600	20	1	1400			EQ	24
25	L	LIGHTING	1500	20	1	1500			SP	26
27	R	MENUBOARD LIGHTING	720	20	1	1360			R	28
29	R	RECEPT-WINDOW SIGNS	360	20	1	900			R	30
31	R	RECEPT-CTV	360	20	1	540			R	32
33	R	PREP TABLE	1440	20	1	1440			R	34
35	K	BEVERAGE CASE	1500	20	1	1700			EQ	36
37	SP	SPARE							CL	38
39	SP	SPARE							CL	40
41	SP	SPARE							CL	42

TOTALS: 16520, 12720, 14024
 TOTAL LOAD WATTS: 4854 W
 CONNECTED LOAD: 5283 W
 DEMAND LOAD: 134.66 A
 134.66 A
 146.11 A

BRKBRKLE OPTIONS:
 GFCI - GROUND FAULT CIRCUIT INTERRUPTER
 HACR - HEATING, A/C & REFRIGERATION
 SP - SHURFIT
 N - PROVIDE NEW CIRCUIT BREAKER

B (NEW SUB-PANEL)
VOLTAGE: 208 / 208 AMP: 100A PHASE: 3 WIRE: 4

CIR. NO.	TYPE	SERVICES DESCRIPTION	LOAD			CTR. P. A. WATTS	SERVICES DESCRIPTION	BRKR. TYPE	BRKR. OPT. NO.	
			A	B	C					
1	K	COOLER EVAPORATOR	456	20	1	456			SP	2
3	K	COOLER COMPRESSOR	1165	20	2	1165			SP	4
5	K	COOLER COMPRESSOR	1165	20	2	1165			SP	6
7	CL	HEAT STRIP	840	20	2	840			SP	8
9	CL	HEAT STRIP	840	20	2	840			SP	10
11	SP	SPARE							SP	12
13	SP	SPARE							SP	14
15	SP	SPARE							SP	16
17	SP	SPARE							SP	18

TOTALS: 12096, 2005, 11165
 TOTAL LOAD WATTS: 4466 W
 CONNECTED LOAD: 4807 W
 DEMAND LOAD: 12.40 A
 12.79 A

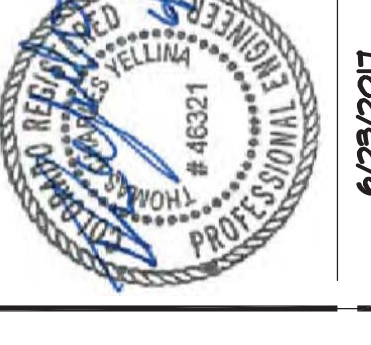
BRKBRKLE OPTIONS:
 GFCI - GROUND FAULT CIRCUIT INTERRUPTER
 HACR - HEATING, A/C & REFRIGERATION
 SP - SHURFIT
 N - PROVIDE NEW CIRCUIT BREAKER

ELECTRICAL DESIGN BASED UPON 2014 NATIONAL ELECTRICAL CODE



PAPA JOHN'S INTERNATIONAL, INC.
 2002 PAPA JOHN'S BLVD.
 LOUISVILLE, KENTUCKY 40294

CO. P.E. EXP. DATE: 10/31/17
 THOMAS YELLMAN



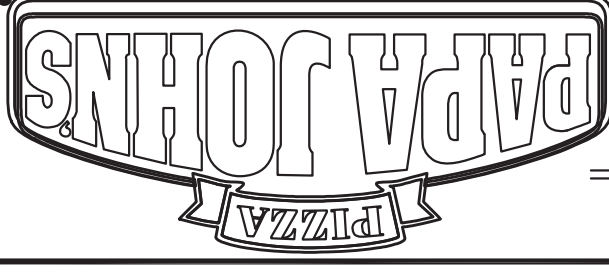
KERR-GREULICH ENGINEERS, INC.
 1534 ORMSBY STATION CT.
 LOUISVILLE, KY 40223
 P. 502.426.2945
 F. 502.426.2945
 PROJECT NUMBER: 5072827

NEW PAPA JOHN'S PIZZA STORE :
 1021 MARKET PLAZA, SUITE 106
 PUEBLO WEST, CO 81007

DATE: 6/29/2017
 DATE REVISION

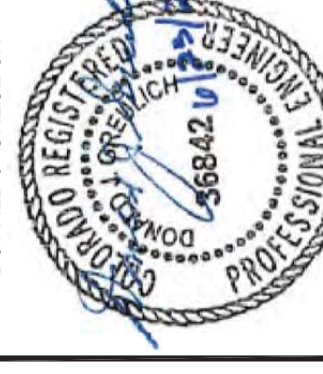
BY: LEDINGTON
 SHEET TITLE
 L16 FIX. SCHEDULE, PANEL SCHEDULE AND ELEC LEGEND
 SHEET NUMBER
E-4
 OF 4

NEW STORE LOCATION
 1021 MARKET PLAZA, SUITE 106
 PUEBLO WEST, CO 81007
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CO. P.E. EXP. DATE: 10/31/17
DONALD J. GREULICH



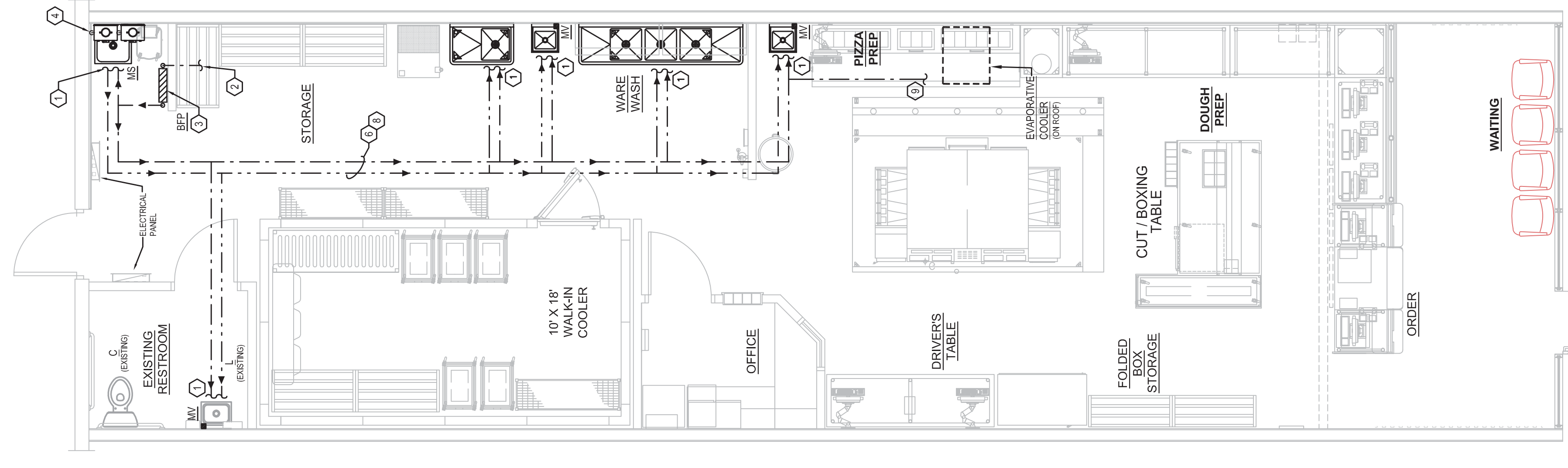
6/29/2017

KERR-GREULICH
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LOUISVILLE, KY 40223
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LOUISVILLE, KY 40223
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NEW PAPA JOHN'S PIZZA STORE :
1021 MARKET PLAZA, SUITE 106
PUEBLO WEST, CO 81007

DATE: 6/29/2017
DATE REVISED

BY: LEDINGTON
SHEET TITLE
MATER & GAS PIPING
SOIL WASTE & VENT
SCHEDULE
NOTES
SHEET NUMBER
P-1
OF 2

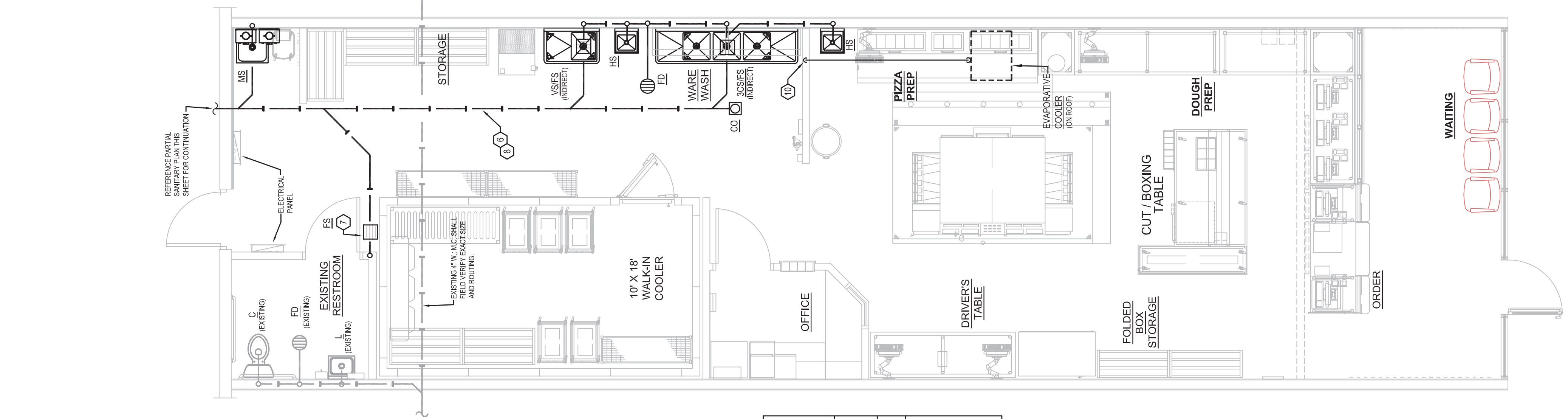


WATER AND PIPING PLAN
SCALE: 1/4" = 1'-0"

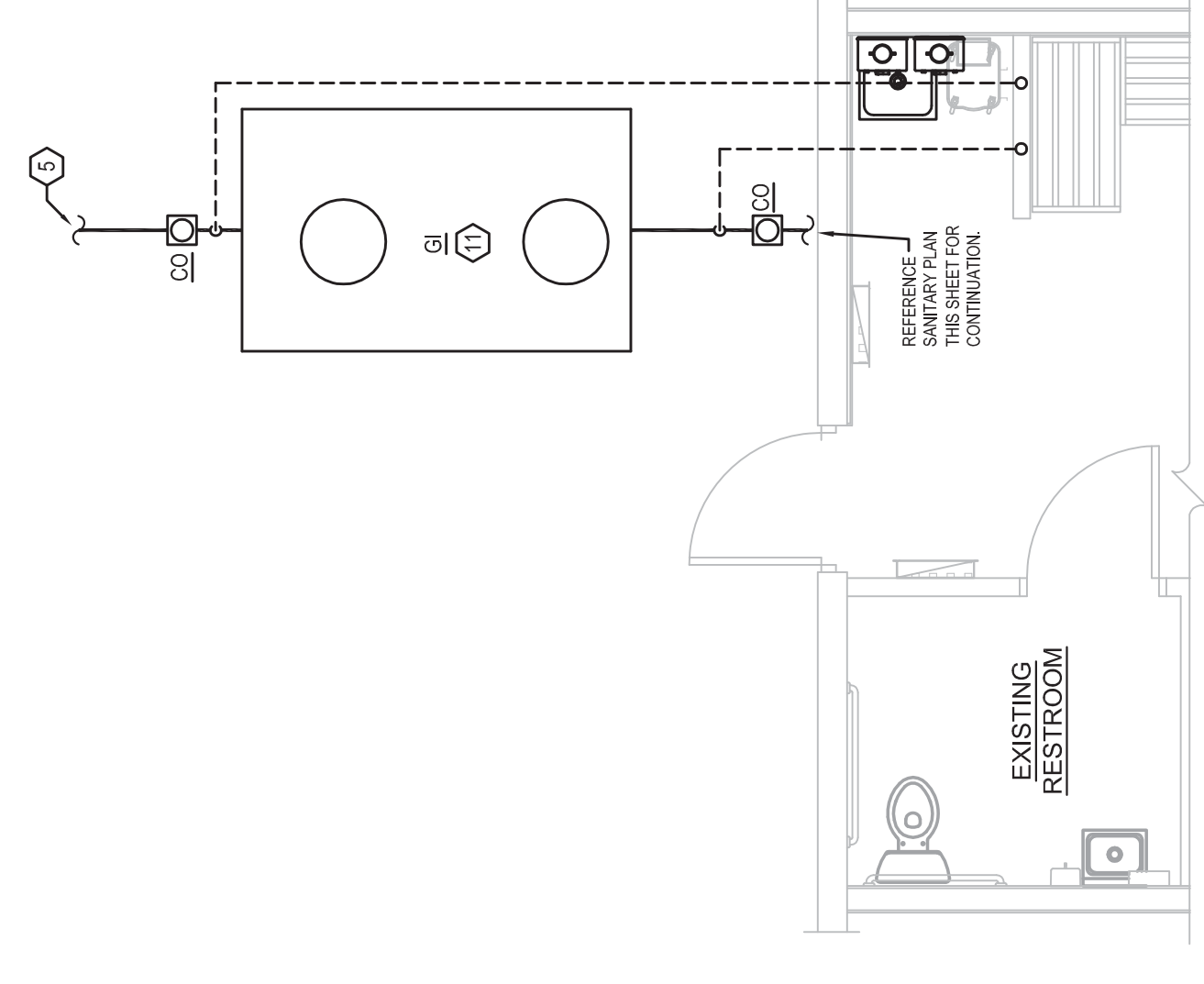
NEW STORE LOCATION

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



PARTIAL SANITARY PLAN
SCALE: 1/4" = 1'-0"

GAS FIRED DOMESTIC WATER HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	BTUH	GPM @ 10WZF	INTAKE/DIET DIAMETER
WH	RINNAI	RUH1 (VC2837FFD)	198,000 EA.	3.6 EA.	4"

- REMARKS:
1. COMMERCIAL GAS FIRED INSTANTANEOUS WATER HEATER.
 2. UNIT TO BE WALL HUNG, DIRECT VENTED, WITH PRESSURE RELIEF VALVE.
 3. 5 YEAR COMMERCIAL WARRANTY.
 4. 1/2" NPT GAS CONNECTION.
 5. WATER FLOW SENSOR, ELECTRONIC WATER CONTROL DEVICE AND BYPASS.
 6. PROVIDE LP CONVERSION KIT WHERE REQUIRED.
 7. PROVIDE WITH HIGH ALTITUDE KIT.

- PLUMBING KEY NOTES**
1. EXTEND CW, HW LINES DOWN IN WALL TO FIXTURE(S) AND CONNECT. REFERENCE DOMESTIC WATER RISER DIAGRAM FOR ADDITIONAL INFORMATION AND CONTINUATION. (TYP.)
 2. EXTEND 1" WATER LINE TO EXISTING AND CONNECT. PC SHALL FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
 3. PROVIDE NEW MAIN COLD WATER SHUT-OFF VALVE AND BACKFLOW PREVENTER IN AN ACCESSIBLE LOCATION. EXTEND DRAIN LINE TO MOP SINK AND SPILL. DRAIN LINE TO BE A MIN. OF 2" ABOVE FLOOD RIM LEVEL OF MOP SINK.
 4. T & P RELIEF VALVE AND DRAIN LINE. EXTEND DRAIN LINE TO FLOOR DRAIN AND SPILL. DRAIN LINE TO BE A MIN. OF 2" ABOVE FLOOD RIM LEVEL OF FLOOR DRAIN.
 5. EXTEND NEW WASTE TO EXISTING AND CONNECT. PC SHALL FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
 6. REFERENCE RISER DIAGRAMS FOR WATER AND WASTE PIPE SIZES.
 7. EXTEND CONDENSATE DRAIN FROM COOLER TO FLOOR SINK AND SPILL WITH MIN. 2" AIR GAP. COORDINATE LOCATION OF DRAIN CONNECTION WITH COOLER SUPPLIER.
 8. PC SHALL COORDINATE ROUTING OF PLUMBING PIPING WITH MECHANICAL DRAWINGS TO AVOID CONFLICT. (TYPICAL)
 9. REFERENCE RISER DIAGRAM ON DRAWING P-2 FOR WATER CONNECTION.
 10. REFERENCE RISER DIAGRAM ON DRAWING P-2 FOR CONDENSATE DRAIN LINE ROUTING.
 11. COORDINATE PLACEMENT OF GREASE INTERCEPTORS WITH LOCAL AUTHORITY HAVING JURISDICTION. GENERAL CONTRACTOR AND THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION.

PLUMBING DESIGN BASED UPON 2015 INTERNATIONAL PLUMBING CODE.

PLUMBING FIXTURE SCHEDULE

DESIGNATION	MANUFACTURER AND MODEL	TYPE	TRIM	HW	CW	WASTE	VENT	MOUNTING	REMARKS
C	EXISTING TO REMAIN			1/2"		3"	2"	FLOOR	
L	EXISTING TO REMAIN			1/2"		2"	1-1/2"	WALL	
HS	PROVIDED BY QUALSERV.			1/2"		2"	1-1/2"	WALL	15 1/2" X 16" X 18" D STAINLESS STEEL HAND SINK
CS	PROVIDED BY QUALSERV.			1/2"		3"	1-1/2"	FLOOR	18" X 36" STAINLESS STEEL W/ 3-18" X 18" X 1/2" DEEP SINKS AND DOUBLE DRAIN BOARD CUSTOM FABRICATED.
VS	PROVIDED BY QUALSERV.			1/2"		3"	1-1/2"	FLOOR	18" X 36" STAINLESS STEEL W/ 1 - 18" X 18" X 1/2" DEEP SINK AND DOUBLE DRAIN BOARD CUSTOM FABRICATED.
MS	FLAT, MS62424	FLAT 60/30A		1/2"		3"	1-1/2"	FLOOR	24" X 94" STAINLESS STEEL W/ 3-18" X 18" X 1/2" DEEP SINKS AND DOUBLE DRAIN BOARD CUSTOM FABRICATED.
MS	FLAT, MS62424	FLAT 60/30A		1/2"		3"	1-1/2"	FLOOR	24" X 94" STAINLESS STEEL W/ 3-18" X 18" X 1/2" DEEP SINKS AND DOUBLE DRAIN BOARD CUSTOM FABRICATED.
MS	FLAT, MS62424	FLAT 60/30A		1/2"		3"	1-1/2"	FLOOR	24" X 94" STAINLESS STEEL W/ 3-18" X 18" X 1/2" DEEP SINKS AND DOUBLE DRAIN BOARD CUSTOM FABRICATED.

PLUMBING SPECIALTIES

DESIGNATION	MANUFACTURER AND MODEL	TYPE	MATERIAL	MOUNTING	REMARKS
ED	ZURN, ZH415-8B	KITCHEN AREA FLOOR DRAIN	CAST IRON WITH NICKEL BRONZE TOP	FLOOR	6" DIAMETER TOP
ES	ZURN, Z1800	FLOOR SINK	CAST IRON	FLOOR	12" X 12" X 6" DEEP
GI	750 GALLON EXTERIOR GREASE INTERCEPTOR	PRE-CAST CONCRETE GREASE INTERCEPTOR		BELOW GRADE	- PLUMBING CONTRACTOR TO FURNISH AND INSTALL 750 GAL. PRE-CAST CONCRETE GREASE INTERCEPTOR WITH 12" X 12" X 6" DEEP MANHOLE FRAME AND COVER SIMILAR TO NEENAH R-192. - THE GREASE INTERCEPTOR WILL BE PLACED IN AN EXCAVATION PROVIDING THREE FOOT (3'-0") OF COVER OVER THE INTERCEPTOR. MANHOLE EXTENSIONS FOR THE MANHOLES AT THE TOP OF THE MANHOLES THERE WILL BE A FOUR FOOT (4'-0") CONCRETE APRON AROUND THE MANHOLES. THE GREASE INTERCEPTOR WILL BE SET ON A TWELVE INCH (12") LAYER OF NO. 57 BACKFILL AROUND THE ENTIRE GREASE INTERCEPTOR WITH CLEAN FILL DIRT EXTENDING THREE FEET (3'-0") ABOVE THE TOP OF GREASE INTERCEPTOR. - THERMOSTATIC TEMPERING VALVE, LOW LEAD COMPLIANT WITH CHECK STOPS TO SUPPLY TEMPERED WATER SET AT 110°F. PROVIDE ACCESS DOORS AS REQUIRED. MANHOLE FOR ONE TO COURT/FLOOR DRAIN.
MV	POWERS LF480 HYDROGUARD SERIES	MIXING VALVE	ROUGH BRASS FINISH	BELOW LAVATORY IN ACCESSIBLE LOCATION	
TP	PRECISION PLUMBING PRODUCTS	TRAP PRIMER	BRASS	ABOVE CEILING OR AS REQUIRED	
EI	AMTROL SF-2	EXPANSION TANK		PIPE	1.2 GALLON CAPACITY; SUPPORT FROM STRUCTURE
BEP	WATTS NO. 1035S CONFORM MODEL #15 APPROVED BY LOCAL AUTHORITIES PRIOR TO INSTALLATION	REDUCED PRESSURE ZONE VALVE SHUTOFF AND BACKFLOW PREVENTER	CAST COPPER SILICON ALLOY BODY, BRONZE BALL VALVE SHUTOFFS AND BRONZE TEST COCKS	ASSE (NO) VERTICAL INSTALLATION	PROTECT WITH STRAINER. TO BE NSFPI LOW LEAD COMPLIANT.

GREASE TRAP CALCULATION USING ASPE FORMAT.

GIVEN: GREASE FOR RESTAURANT IS LIMITED TO THE CLEANING OF CONTAINERS THAT HOLD REGENERATED PREPARED SAUSAGE PIECES, CHEESE & VEGETABLE OILS. ALL OF THE ARTICLES ARE OF SMALL SIZE & TRACE QUANTITIES.

THERE IS ONE VEGETABLE SINK, EACH SINK BASIN IS 18" X 18" X 12". THIS IS A GROSS VOLUME OF 50.5 GALLONS.

THERE IS ONE VEGETABLE SINK, THE SINK BASIN IS 18" X 18" X 12". THIS IS A GROSS VOLUME OF 50.5 GALLONS.

THERE IS ONE MOP SINK, THE SINK BASIN IS 18" X 18" X 12". THIS IS A GROSS VOLUME OF 25 GALLONS.

THERE ARE TWO HAND SINKS, EACH HAND SINK BASIN IS 15" X 16" X 8". THIS IS A GROSS VOLUME OF 16.6 GALLONS.

THERE ARE TWO FLOOR DRAINS.

THERE IS ONE FLOOR SINK, THE SINK BASIN IS 9" X 9" X 6". THIS IS A GROSS VOLUME OF 2.1 GALLONS.

CALCULATION:

1. - DRAINAGE LOAD = 112.6 GALLON @ 75% FULL (THIS INCLUDES UTENSIL DISPLACEMENT) = 85 GAL
2. - FLOW RATE = 85 GAL / 42 GPM = 2.02 MIN
3. - GREASE TRAP VOLUME = $V = \frac{Q \cdot T}{7.48}$

$V = \frac{85(11)}{7.48}$
 $V = 57.7 \text{ FT}^3$

WATER FIXTURE UNIT CALCULATIONS

FIXTURE	FIXTURE UNIT CALCULATIONS
WATER CLOSET - EMPLOYEE	5
LAVATORY - EMPLOYEE	2
(2) HAND SINKS	2
MOP SINK	4
3-COMP SINK	4
VEGETABLE SINK	4
TOTAL P2'S TENANT REQUIREMENTS	21
TENANT DEMAND LOAD	25 F.U.
GPM DEMAND LOAD	17

NOTE:
THE MOP SINK FAUCET SHALL NOT BE USED FOR CHEMICAL DISPENSING AT ANY TIME.

PLUMBING NOTES

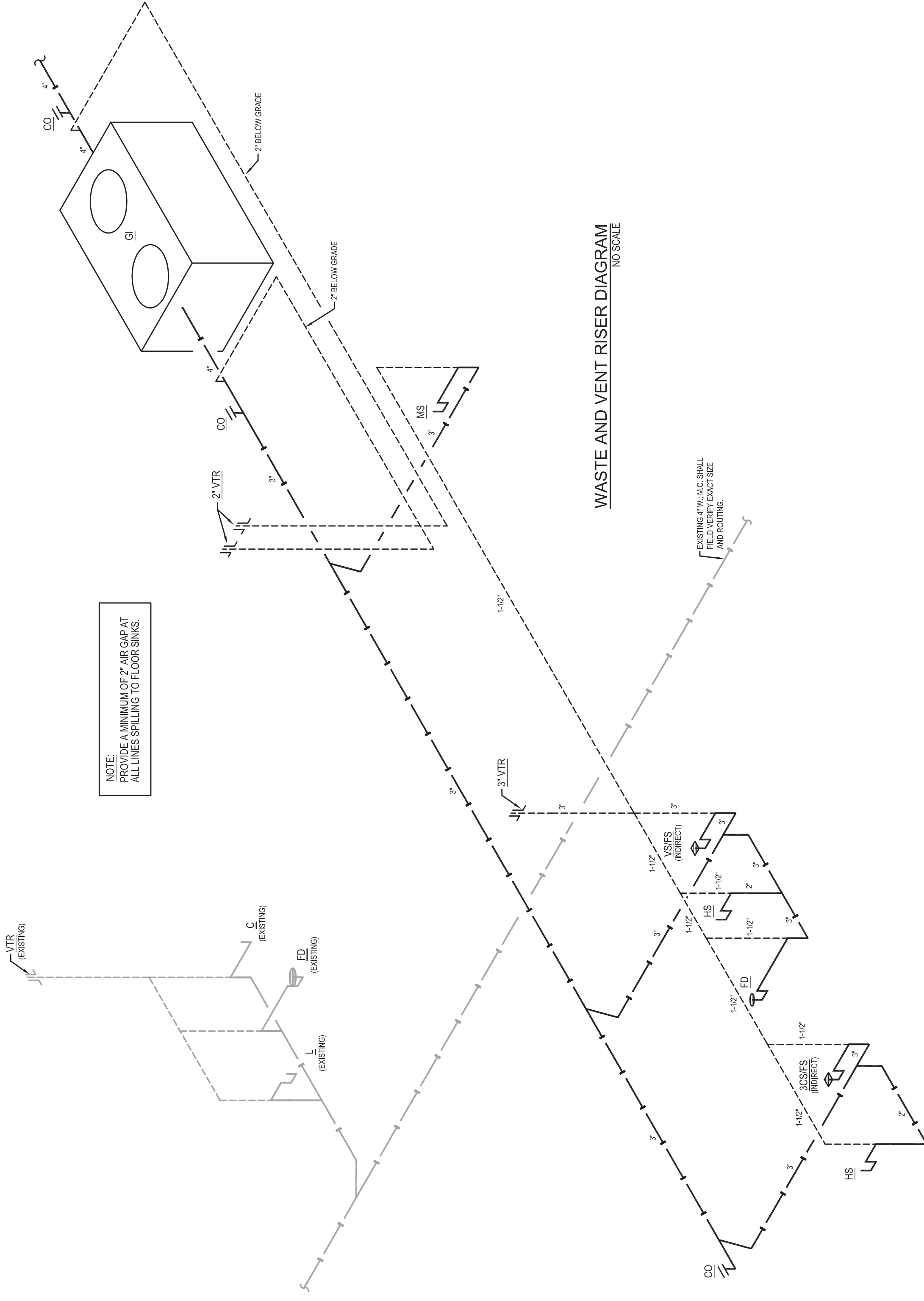
- PLUMBING CONTRACTOR IS TO FINISH AND INSTALL ALL PLUMBING FIXTURES COMPLETE AS LISTED IN PLUMBING FIXTURE SCHEDULE.
 - ALL HANDICAP PLUMBING FIXTURES SHALL BE INSTALLED TO COMPLY WITH STATE AND LOCAL CODES. P.C. SHALL FURNISH AND INSTALL CODE COMPLIANT TRAP WRAP ON ALL EXPOSED WATER & WASTE LINES FOR ALL HANDICAP ACCESSIBLE LAVATORIES.
 - WHERE A RENOVATION IS TO OCCUR, THE PLUMBING CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXTENT OF DEMOLITION REQUIRED. PRIOR TO SUBMITTING B.O.
 - PLUMBING CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO THE GENERAL CONTRACTOR PRIOR TO FINAL PAYMENT.
 - ALL WORK SHALL BE INSTALLED TO COMPLY WITH LOCAL AND STATE PLUMBING CODE REQUIREMENTS, AND PER LOCAL HEALTH DEPARTMENT REQUIREMENTS.
 - ALL PIPE PENETRATIONS IN EXTERIOR WALLS SHALL BE SEALED WATER-TIGHT WITH SICOON CAULK.
 - PROVIDE FIRE STOPPING IN ALL PENETRATIONS OF FIRE RATED WALLS.
 - PLUMBING CONTRACTOR SHALL COORDINATE ROUTING OF PLUMBING PIPING WITH MECHANICAL CONTRACTOR AND MECHANICAL DRAWINGS TO AVOID CONFLICT.
- ### WASTE AND VENT PIPING
- PLUMBING CONTRACTOR SHALL USE SCHEDULE 40 GALVANA CHLORIDE PIPE FOR ALL SOIL, WASTE AND VENT PIPING UNLESS OTHERWISE SPECIFIED. ALL PIPING SHALL BE INSTALLED TO COMPLY WITH LOCAL CODES. USE STANDARD WEIGHT CAST IRON PIPING ABOVE GRADE UNLESS OTHERWISE PERMITTED. HUBLESS FITTINGS, PLASTIC PIPING SHALL NOT BE USED IN RETURN AIR PLENUM. COORDINATE THIS REQUIREMENT WITH HVAC CONTRACTOR PRIOR TO INSTALLATION.
 - CONTRACTOR SHALL FIELD VERIFY INVERT ELEVATIONS OF ALL NEW AND EXISTING SANITARY SEWERS PRIOR TO TROUGH.
 - ELEVATION OF ALL FLOOR DRAINS SHALL BE HELD 1/2" BELOW FINISH FLOOR TILE.
 - ALL CLEANOUTS SHALL BE INSTALLED FLUSH WITH FINISHED GRADE FINISHED FLOORS.
 - HOLD ALL PLUMBING VENTS A MINIMUM OF 16" FROM OUTSIDE AIR INTAKES. WHERE STATE OR LOCAL CODES REQUIRE MORE SEPARATION, P.C. SHALL OFFSET TO MEET THE MORE STRINGENT CODE ON HVAC EQUIPMENT. COORDINATE LOCATION WITH H.V.C.
 - WHERE HVAC UNITS ARE LOCATED IN MECHANICAL CLOSETS, P.C. SHALL COORDINATE PLACEMENT OF DRAINS WITH H.V.C. & HVAC EQUIPMENT PRIOR TO ROUGH-IN OF UNDERGROUND PLUMBING.
- ### WATER PIPING
- ALL WATER PIPING BELOW GRADE SHALL BE TYPE 1, SOFT TEMPERED COPPER, AND ALL WATER PIPING ABOVE GRADE SHALL BE TYPE 1, HARD TEMPERED COPPER, CROSS-LINKED POLYETHYLENE (PEX) WILL BE ACCEPTABLE IF THE FOLLOWING CONDITIONS ARE MET:
 - SHALL NOT BE STORED OR INSTALLED WHERE IT WILL BE EXPOSED TO DIRECT OR INDIRECT ULTRAVIOLET LIGHT (i.e. SUNLIGHT)
 - SHALL NOT BE EXPOSED TO DIRECT FLAME
 - SHALL NOT BE USED IN EXCESSIVE HEATING CONDITIONS INCONSISTENT WITH PRESSURE RATING
 - SHALL NOT BE SUBJECT TO PROLONGED EXPOSURE TO FREE CHLORINE CONCENTRATIONS GREATER THAN 4 ppm.
 - SHALL NOT BE USED IN CONTAMINATED SOILS.
 - SHALL NOT BE EXPOSED TO MATERIALS THAT AFFECT THE BASIC PROPERTIES OF CROSSLINKED POLYETHYLENE, BRASS OR COPPER
 - PEX PIPING SHALL HAVE HORIZONTAL PIPE SUPPORTS AS RECOMMENDED BY MANUFACTURER.
 - ALL PEX PIPING SHALL BE INSTALLED PER SPECIFIC MANUFACTURER'S INSTRUCTIONS.
 - INSTALL 1" CLOSED CELL PIPE INSULATION MEETING 2550 SMOKE AND FLAME REQUIREMENTS ON ALL HOT AND COLD WATER PIPING BELOW AND ABOVE GRADE. ALL JOINTS IN INSULATION ARE TO BE INSTALLED TO MEET THE SAME REQUIREMENTS AS THE INSULATION ITSELF. ALL JOINTS IN INSULATION SHALL BE INSTALLED IN DIRECT CONTACT WITH PIPE, NO SIMILAR METALS. SHIELDS. NO HANGERS TO BE INSTALLED IN DIRECT CONTACT WITH PIPE, NO SIMILAR METALS.
 - ALL DOMESTIC WATER PIPING SHALL BE DISINFECTED PRIOR TO USE BY BUILDING OCCUPANT. PLUMBING CONTRACTOR SHALL DISINFECT PER REQUIREMENTS OF LOCAL HEALTH DEPT., STATE/LOCAL PLUMBING CODE.
 - ALL RUBBER HOSE FIBERS OR VALVES WITH THREADED CONNECTIONS SHALL BE PROVIDED WITH VACUUM BREAKERS AND APPROVED MEANS OF BACKFLOW PREVENTION AS REQUIRED BY STATE AND LOCAL CODES.
 - PROVIDE SHUT-OFF VALVES ON ALL EQUIPMENT AND STOP COOKS IN HOT AND COLD WATER PIPING TO ALL PLUMBING FIXTURES.
 - PLUMBING CONTRACTOR SHALL PROVIDE DIELECTRIC UNIONS AT ALL PIPING CONNECTIONS WHERE DISSIMILAR PIPING IS JOINED.
 - ALL HOT AND COLD WATER, WASTE, AND VENT PIPING TO BE SUPPORTED PER LOCAL PLUMBING CODE.

PLUMBING ABBREVIATION LEGEND

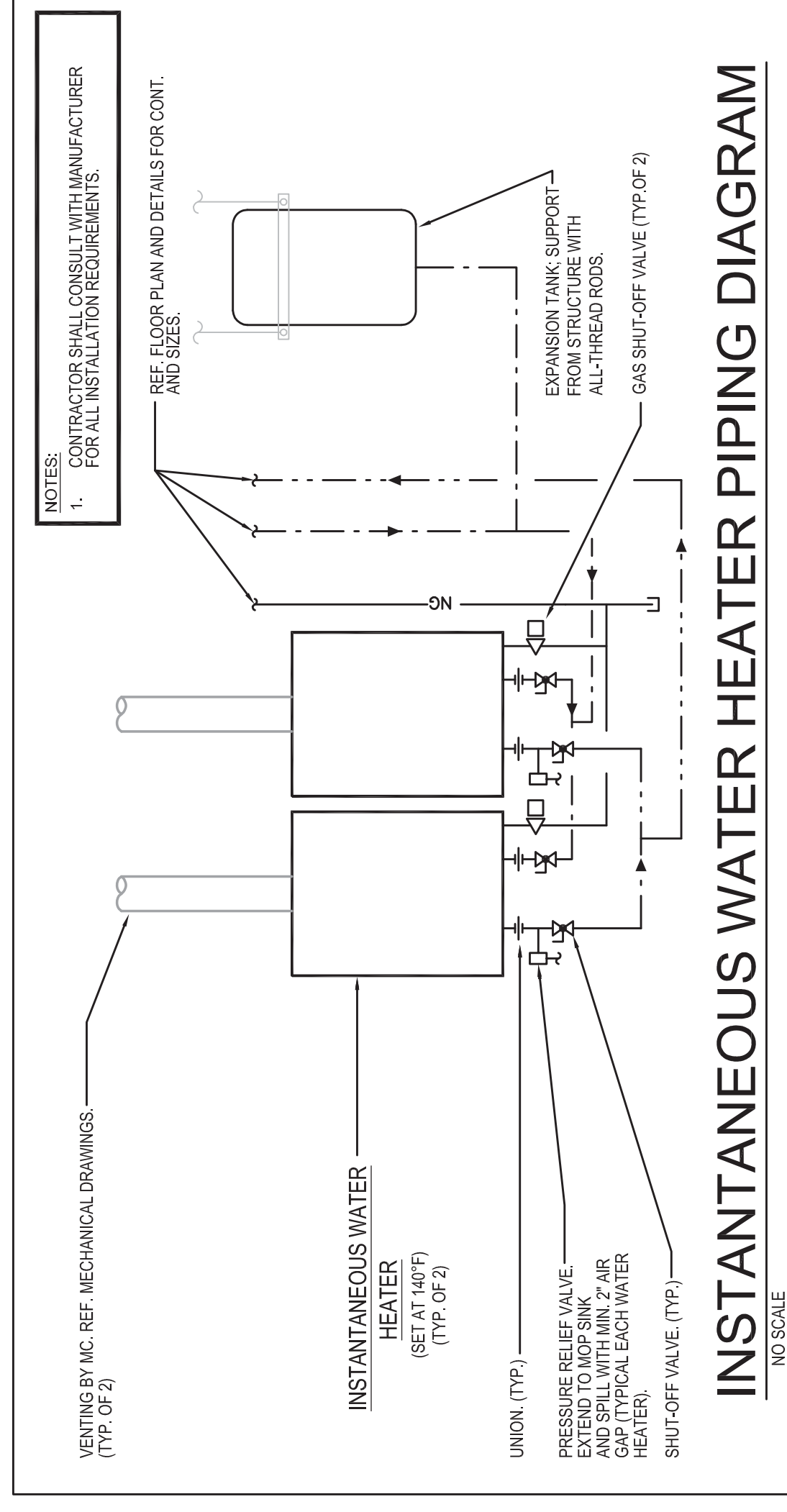
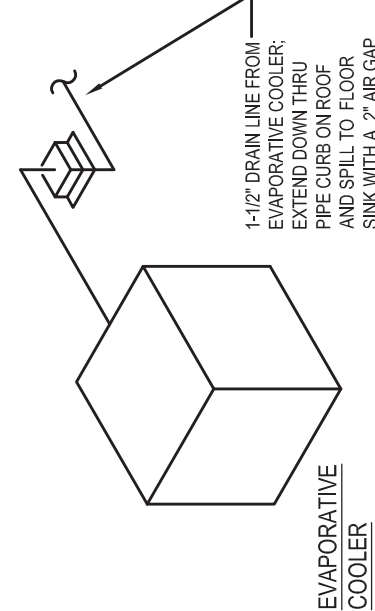
AT	ABOVE
ABV	ABOVE FINISH FLOOR
A.F.F.	WATER CLOSET
C	CLEANOUT
CLG	CLEANOUT
CO	CONNECT CONNECTION
CONN	CONTINUATION
CONT	THREE COMPARTMENT SINK
3CS	FOUR COMPARTMENT SINK
4CS	COLD WATER
CW	DISPOSAL
D	DRINKING FOUNTAIN
DF	DRAWING
DW	DISHWASHER
EA	EXTEND
EXT	FURNACE/HR COND.
FAC	FLOOR CLEANOUT
FCO	FLOOR DRAIN
FD	FINISH FLOOR ELEVATION
FEE	FIXTURE
FKT	FLOOR
FL	FLOOR
FPWH	FREEZE PROOF WALL HYDRANT
FS	FLOOR SINK
GC	GENERAL CONTRACTOR
GT	GREASE TRAP
HB	HOSE BIBB
HW	LAVATORY
L	LOCATION
LOC	MECHANICAL CONTRACTOR
MC	MOP SINK
MS	MOUNTED
MTD	NATURAL GAS
NS	PLUMBING CONTRACTOR
PC	PLUMBING/MECHANICAL/ELECTRICAL
PNE	REFER REFERENCE
REF	ROOF TOP HVAC UNIT
RTU	SANITARY SEWER
SS	TEMPERATURE AND PRESSURE
T&P	TRAP PRIMER
TP	TYPICAL
UR	URINAL
V	VENT
VS	VEGETABLE SINK
VTR	VENT THROUGH ROOF
W	WASTE
WI	WITH
WB	WASHER BOX
WCO	WALL CLEANOUT
WH	WATER HEATER
WM	WATER METER
PD	PUMP DISCHARGE
SP	SUMP PUMP
☉	CONNECT NEW TO EXISTING

NOTE: ALL ABBREVIATIONS MAY NOT APPLY.

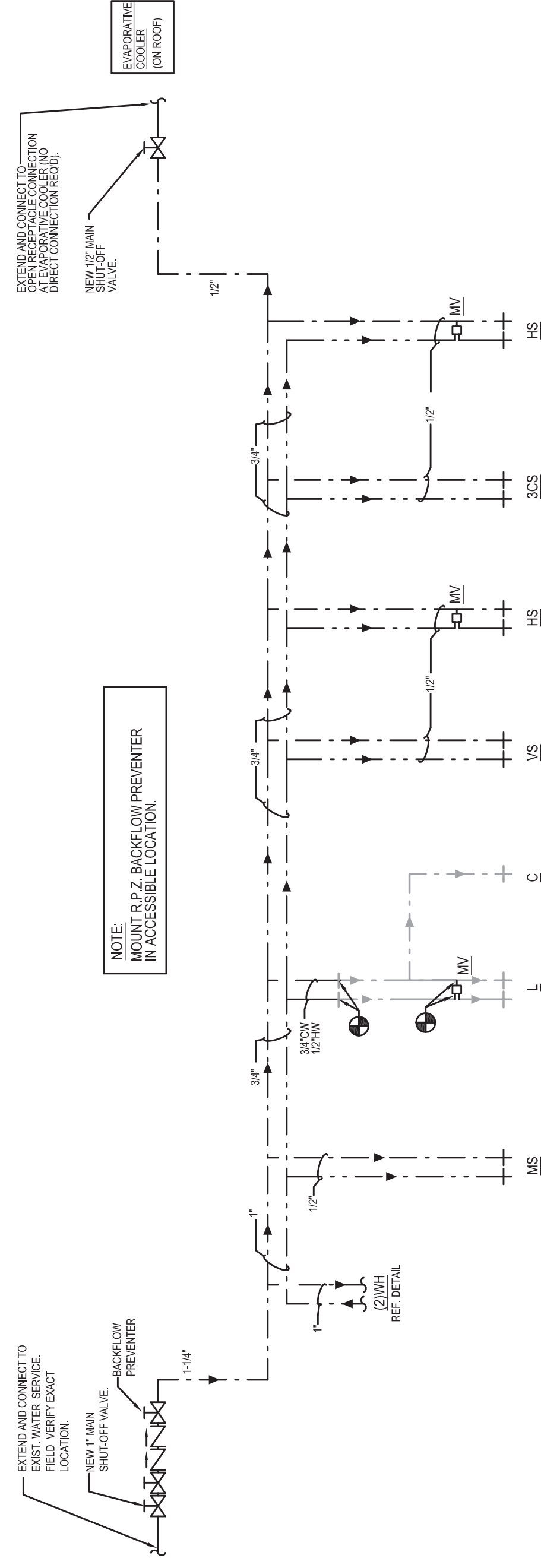
NOTE: PROVIDE A MINIMUM OF 2" AIR GAP AT ALL LINES SPILLING TO FLOOR SINKS.



WASTE AND VENT RISER DIAGRAM
NO SCALE

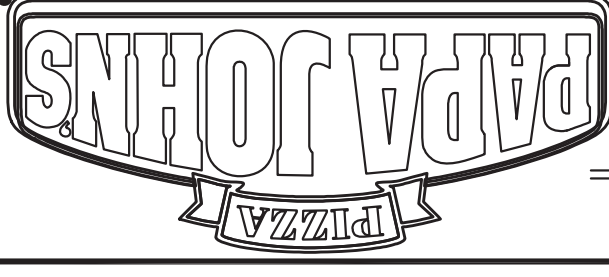


INSTANTANEOUS WATER HEATER PIPING DIAGRAM
NO SCALE



WATER RISER DIAGRAM
NO SCALE

PO # 4024546
PROJECT NUMBER



PAPA JOHN'S INTERNATIONAL, INC.
2002 PAPA JOHN'S BLVD.
LOUISVILLE, KENTUCKY 40294

CO. P.E. EXP. DATE: 10/31/15
DONALD J. GREULICH



5/20/2015

KERR-GREULICH ENGINEERS, INC.
1531 OMSBY STATION CT.
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NEW PAPA JOHN'S PIZZA STORE:
3586 HARTSEL DRIVE, SUITE "D"
COLORADO SPRINGS, CO 80920

DATE: 5/20/2015
DATE REVISION

BY: LEDINGTON
SHEET TITLE
WATER & GAS PIPING
SOIL, WASTE, & VENT
RISERS,
DETAILS
SHEET NUMBER

NEW STORE LOCATION

3586 HARTSEL DRIVE, SUITE "D"
COLORADO SPRINGS, CO 80920

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