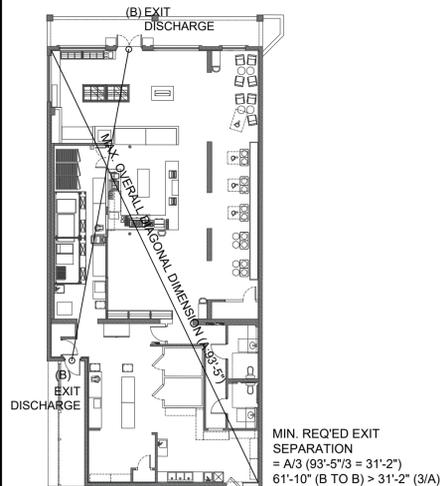


DRAWING INDEX

- CO - COVER SHEET
- G001 - GENERAL ACCESSIBILITY NOTES
- G002 - PROPOSED FLOOR PLAN
- A001 - GENERAL ACCESSIBILITY NOTES
- A100 - PROPOSED FLOOR PLAN
- A101 - EQUIPMENT PLAN
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- M001 - GENERAL NOTES, SYMBOLS AND SPECIFICATION
- M100 - FLOOR PLAN - NEW WORK
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- M501 - DETAILS
- M700 - SCHEDULES
- E001 - GENERAL NOTES, SYMBOLS & SPECIFICATIONS
- E100 - FLOOR PLAN - LIGHTING PLAN
- E200 - FLOOR & ROOF PLAN - POWER
- E400 - POWER RISER DIAGRAM & SCHEDULES
- P001 - GENERAL NOTES, SYMBOLS & LEGENDS
- P100 - DOMESTIC WATER PLAN
- P101 - SANITARY PIPING PLAN
- P400 - RISER DIAGRAM
- P401 - FLOOR PLAN & GAS PIPING
- P500 - DETAILS

LIFE SAFETY PLAN

- PORTABLE FIRE EXTINGUISHERS WILL BE PROVIDED IN ACCORDANCE WITH NFPA.
- ALL MEANS OF EGRESS WALKING SURFACE WILL HAVE A SLIP-RESISTANT SURFACE AND BE SECURELY ATTACHED.



DOOR SCHEDULE

DOOR NO.	DOOR LOCATION	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR MAT'L	FRAME	HARDWARE	NOTE
E1	ENTRANCE	6'-0"	7'-0"	1-3/4"	ALUM	ALUM	SET #3	CLOSER / PANIC HARDWARE, LEAVE OPEN DURING OPERATION 1/4" TEMPERED AND INSULATED GLASS
E2	KITCHEN REAR DOOR	3'-0"	7'-0"	1-3/4"	ALUM	ALUM	SET #3	KEYED ENTRY
N1	PREP KITCHEN	3'-0"	6'-8"	1-3/4"	H.W.	MTL	SET #1	
N2	AC CLOSET	2'-6"	6'-8"	1-3/4"	H.W.	MTL	SET #2	
DOOR HARDWARE SCHEDULE						HARDWARE SET #1: SINGLE DOORS		
						<ul style="list-style-type: none"> • 1 SET SINGLE ACTING OFFSET PIVOT HINGES • 1 DOOR CLOSER - NORTON 1605 SURFACE CLOSER - OPT. • 1 4" EXTRUDED - MILL FIN. ALUM. THRESHOLD - A.D.A (OFFSET PIVOT & OVERHD CLOSER) • 1 DEAD LOCK / LATCH • 1 CYLINDER - 7 PIN MORTISE FINISH TO MATCH DOOR • 1 WEATHERING SYSTEM AND EPDM BLADE SURFACE ATTACHED SWEET STRIP • UNIVERSAL HARDWARE - UL - LISTED 2-7/17 IN. ALUMINUM RIM PANIC DEVICE WITH STANDARD PULL • AND CYLINDER - MODEL #UH40010 		
						HARDWARE SET #2: LOCKSET FOR INTERIOR DOORS		
						<ul style="list-style-type: none"> • 1 1/2" PAIR 3 1/2" X 3 1/2" BUTT, FULL MORTISE, FINISH US 26D • 1 EACH LEVER TYPE PRIVACY LATCH SET, FINISH US 26D • 1 EACH DOOR STOP, FINISH US 26D • 1 DOOR CLOSER - NORTON 1605 SURFACE CLOSER 		
						HARDWARE SET #3: LOCKSET FOR EXIST. ENTRANCE		
						<ul style="list-style-type: none"> • EGRESS LOCKSET WITH LEVER STYLE HANDLE • 1 1/2" PAIR BUTTS • CLOSER & STOP • DOOR SWEEP & WEATHER STRIPPING • ALUM. EXTRUDED ADA COMPLIANT THRESHOLD 		

INTERIOR FINISH SCHEDULE

AREA	FLOOR	WALL	CEILING	HEIGHT
DISPLAY AREA	7	2	2	10'-0"
PREP / SALES	7	2	3	EXIST.
KITCHEN	1	6	4	10'-0"

- 1 - QUARRY TILE WITH CURRY BASE (COVERED BASE WILL BE INSTALLED IN THE KITCHEN, EMPLOYEE SIDE OF FRONT COUNTER AREA)
- 2 - 1/2" GYPSUM WALLBOARD, 1 COAT PRIMER SEALER, TWO COATS PREMIUM QUALITY FLAT LATEX FINISH COAT - COLOR SELECTED BY OWNER
- 3 - 1/2" MOISTURE RESISTANT WASHABLE GYPSUM WALLBOARD
 - 1 COAT ENAMEL UNDERBODY, 2 COATS SEMI-GLOSS ENAMEL PREMIUM QUALITY.
- 4 - 2X4 ACT LAY-IN SMOOTH, NON-ABSORBENT, NON-PERFORATED AND WASHABLE TILE
- 5 - 1/2" MOISTURE RESISTANT WASHABLE TILE FROM THE MINIMUM OF 4 FEET MEASURED VERTICALLY FROM THE FLOOR
- 6 - WATER & MOISTURES PROOF FRP PANEL
- 7 - EPOXY CONCRETE SLAB FLOOR

* NOTE: INTERIOR FINISH MATERIALS INCLUDING CEILING TILE AND FLOOR FINISHES COMPLY MATERIALS WITH 2018 IBC TABLE 803.13 AND SECTION 804 - FINISHES TO BE CLASS "C"

OCCUPANCY LOAD

2018 International Building Code (Table 1004.5)

FUNCTION OF SPACE	FT. PER OCCUPANTS	CALCULATION	ALLOWABLE
SALES AREA (BUSINESS)	150 SQ.FT / OCC. (GROSS)	141 SQ. FT	1 OCC
BUSINESS AREA	60 SQ. FT / OCC. (GROSS)	672 SQ. FT	12 OCC
DINING (ASSEMBLY)	15 NET	380 SQ. FT	26 OCC
KITCHEN	200 SQ. FT / OCC. (GROSS)	169 SQ. FT	1 OCC
PREP-KITCHEN	200 SQ. FT / OCC. (GROSS)	570 SQ. FT	3 OCC

TOTAL OCCUPANCY LOAD : **43 OCC MAX**

PLUMBING FIXTURE COUNT

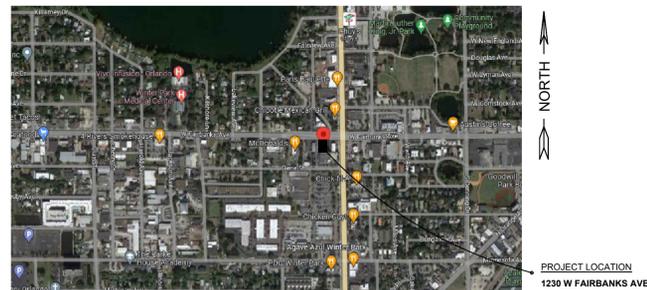
TOTAL OCCUPANTS 1206.1 : 43 OCC

PLUMBING FIXTURES	1 REQ'D 1 PROVIDED	1 REQ'D 1 PROVIDED
WATER CLOSET	1 REQ'D 1 PROVIDED	1 REQ'D 1 PROVIDED
LAVATORIES	1 REQ'D 1 PROVIDED	1 REQ'D 1 PROVIDED
URINALS	NOT REQUIRED	NOT REQUIRED
SERVICE SINK	1 PROVIDED	
DRINKING FOUNTAIN	NOT REQUIRED	

TOUS les JOURS BAKERY CO.

PROJECT LOCATION:
1230 W FAIRBANKS AVE WINTER PARK FL 32789

BUILDING LOCATION N.T.S



KEY PLAN N.T.S



PROJECT CRITERIA

USE AND OCCUPANCY CLASSIFICATION - EXISTING	A-2 (SEC. 303.3)
USE AND OCCUPANCY CLASSIFICATION - NEW	BUSINESS
CONSTRUCTION CLASSIFICATION (SEC. TABLE 506.2)	TYPE VB
PROJECT AREA	3,607 S.F.
FLOOR LEVEL	1
TOTAL NUMBER OF STORIES IN BUILDING	1
HIGH RISE (Y/N)	N
BUILDING HEIGHT	40' MAX
FIRE ALARM SYSTEM (Y/N)	Y
FULLY SPRINKLED AND MONITORED (Y/N)	N
PARKING SEPARATION:	EXISTING UNLIMITED AREA

STRUCTURAL DESIGN CRITERIA

EXPOSURE CATEGORY:	B
BASIC WIND SPEED:	140
INTERNAL PRESSURE COEFFICIENTS:	
WIND IMPORTANCE FACTOR	1
BUILDING, ENCLOSED - +/-0/1.18	30 P.S.F
ROOF DESIGN WIND PRESSURE:	
FBC, SECTION 1604.6	
ROOF LOADS:	
TOP CHORD LIVE LOAD:	20.0
TOP CHORD DEAD LIVE LOAD:	7.0 / 15.0
BOTTOM CHORD DEAD LIVE LOAD:	10.0
ROOF LIVE LOAD EQUALS WIND LOADS, FBC 1604.6	
ROOF DEAD LOAD EQUALS WEIGHTS OF MATERIALS AND CONSTRUCTION. FBC TABLE A1 SECT. 4101	

PROJECT INFORMATION

ARCHITECTURE & ENGINEERING	TENANT
SYN ARCHITECTURE & ENGINEERING 10560 MAIN STREET SUITE #217 FAIRFAX CITY VA 22030 410-971-9110 571-271-5242	TOUS LES JOURS 1230 W FAIRBANKS AVE WINTER PARK FL 32789

SCOPE OF WORK

THIS IS INTERIOR ALTERATION FIT FOR EXISTING BAKERY "TOUS LES JOURS" (SALE OF BAKED AND PREPARED GOODS) LOCATED AT 1230 W FAIRBANKS AVE WINTER PARK FLORIDA 32789. THE SCOPE OF WORK INCLUDES PROVIDING ARCHITECTURAL (NON-STRUCTURAL CEILING AND PARTITIONS ONLY), MECHANICAL, PLUMBING AND ELECTRICAL SERVICES.

APPLICABLE CODE

BUILDING:	2020 FLORIDA BUILDING CODE (FBC); EXISTING BUILDING
MECHANICAL:	2020 FLORIDA MECHANICAL CODE (FMC)
ELECTRICAL:	2017 NATIONAL ELECTRICAL CODE
PLUMBING:	2020 FLORIDA PLUMBING CODE
ACCESSIBILITY:	2020 FLORIDA ACCESSIBILITY CODE
FIRE:	2020 FLORIDA FIRE PREVENTION CODE (NFPA 70)
ENERGY:	2020 FLORIDA BUILDING CODE, BUILDING 2020

GENERAL NOTES

1. DO NOT SCALE DRAWINGS - USE DIMENSIONS ONLY. FOR DIMENSIONS NOT SHOWN OR IN QUESTION, CONTRACTOR SHALL NOTIFY FOR CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING.
2. UNLESS OTHERWISE NOTED, INTERIOR PARTITION DIMENSIONS ARE GIVEN FROM FACE OF FINISH SURFACE TO FACE OF FINISH SURFACE, OR FACE OF FINISH SURFACE TO COLUMN CENTER LINE.
3. REFERENCE ALL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING CONSTRUCTION.
4. CONTRACTOR SHALL STRICTLY WORKS ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS (INCLUDING LANDLORD'S REGULATION ALSO) AND IS RESPONSIBLE FOR PERMITS, INSPECTIONS AND PERMANENT CERTIFICATE OF OCCUPANCY.
5. CONTRACTOR MUST FOLLOW ALL APPLICABLE OSHA REQUIREMENTS.
6. CONTRACTOR SHALL OBTAIN AND ABIDE BY PROPERTY MANAGER'S REQUIREMENT FOR INSURANCE, RULES AND REQUIREMENTS FOR CONSTRUCTION ON THE PROPERTY.
7. CONTRACTOR SHALL COORDINATE ALL DISCIPLINES WITH THESE DOCUMENTS.
8. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS AND IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BIDDING.
9. CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
10. CONTRACTOR SHALL COMPLETELY RESPONSIBLE FOR BRACING AND SHORING OF THE STRUCTURE DURING CONSTRUCTION TO ENSURE STABILITY.
11. GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE COORDINATION AND EXECUTION OF ANY AND ALL IN ACCORDANCE WITH THE INTENT OF THE DRAWINGS AND SPECIFICATIONS WHICH ARE APPROVED BY THE ARCHITECT OR THE ARCHITECT'S REPRESENTATIVE.
12. ANY CHANGE IN PLANS OR SPECIFICATIONS SHALL BE APPROVED BY THE ARCHITECT OR THE ARCHITECT'S REPRESENTATIVE.
13. ALL OWNER'S EQUIPMENT AND APPLIANCE ARE TO BE INSTALLED BY THE OWNER'S SUPPLIER AND CONNECTED BY THE CONTRACTORS UNLESS SPECIFIED OTHERWISE.
14. GENERAL CONTRACTOR SHALL COORDINATE EQUIPMENT INSTALLATION DATE WITH EQUIPMENT SUPPLIER.
15. GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER, LIGHT, AND TELEPHONE AS REQUIRED IN ACCORDANCE WITH THE OWNER'S REQUIREMENTS. GENERAL CONTRACTOR SHALL REMOVE ALL THESE ITEMS AT THE COMPLETION OF WORK AS REQUIRED.
16. GENERAL CONTRACTOR SHALL MAINTAIN ON SITE AT ALL TIMES. ALL APPROVED DRAWINGS INCLUDING ALL REVISIONS AND ADDED.
17. SIGNS SHALL BE PERMITTED SEPARATELY.
18. THE PROJECT DESIGNER-OF-RECORD SHALL BE RESPONSIBLE FOR COMPLIANCE WITH COPYRIGHT LAW SUCH THAT ALL DATA REPRODUCE EACH CORRESPONDING PUBLICATION, THE PUBLISHER, THE EDITION YEAR, AND A STATEMENT THAT MATERIAL IS REPRINTED WITH PERMISSION FROM THE PUBLISHER.

CONSULTANT:



admin@SYNamep.com

SEAL:



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PROJECT NAME:

**TOUS LES JOURS
NEW TENANT FIT OUT**

PROJECT ADDRESS:

1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE: ISSUE:

06/21/23 REV.1

07/11/23 REV.2

SCALE:

AS SHOWN

SHEET TITLE:

COVER SHEET

SHEET #:

CO

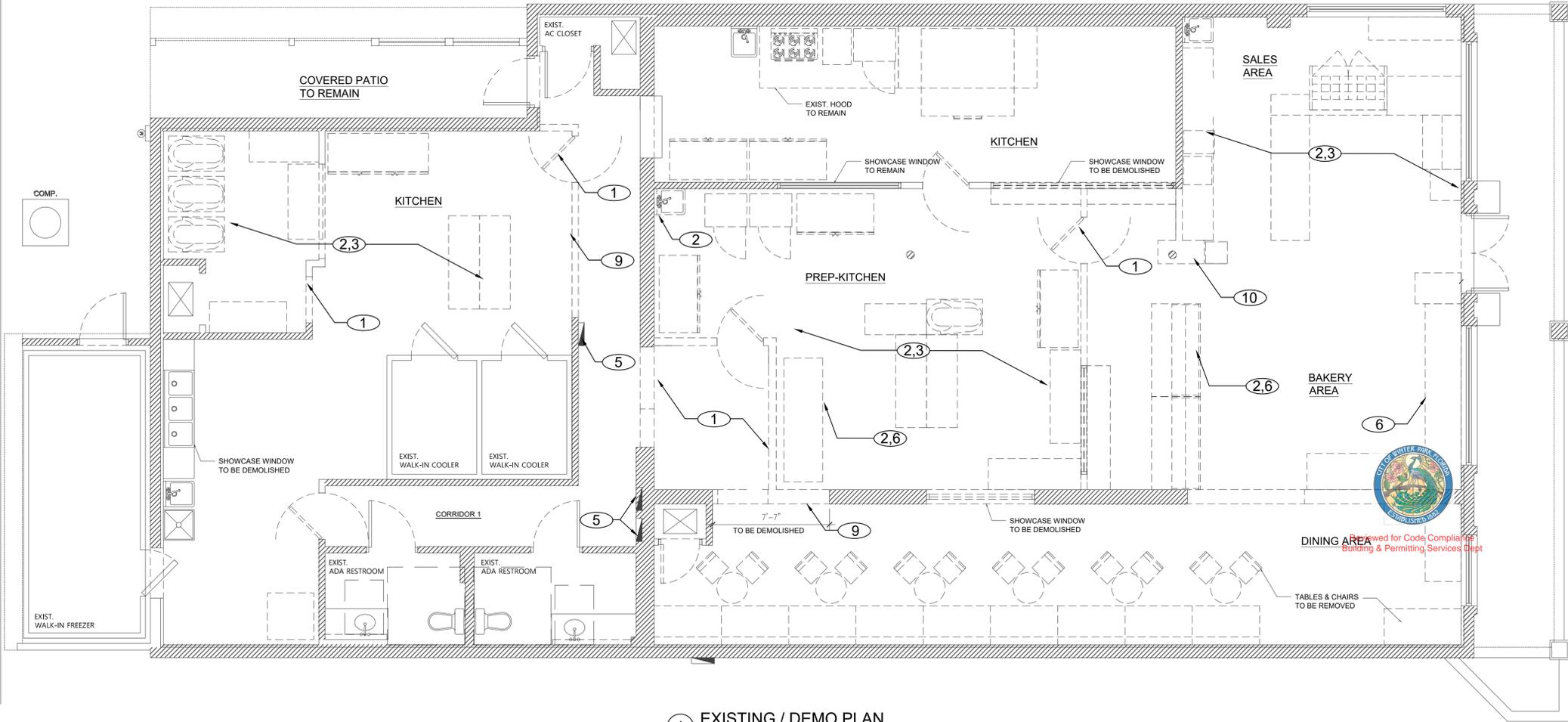
DEMOLITION LEGEND	
	EXIST. INTERIOR PARTITION TO BE REMAINED
	EXIST. INTERIOR PARTITION, EQUIPMENT AND MILL WORK TO BE DEMOLISHED
	EXIST. DOOR TO BE REMAINED
	EXIST. DOOR TO BE DEMOLISHED

DEMOLITION NOTES

- CONTRACTOR TO MAINTAIN AND PROTECT CLEAR EXIT PATHS THROUGH THE BUILDING TO THE PUBLIC WAY AT ALL TIMES.
- DO NOT REMOVE ANY BEARING WALLS, COLUMNS OR BEAMS, UNLESS NOTED OTHERWISE.
- PATCH, REPAIR AND/OR PREP REMAINING WALLS FOR NEW FINISH.
- COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND SAFETY ORDERS OF ALL PUBLIC AUTHORITIES HAVING JURISDICTION.
- PROTECT ALL EXISTING STRUCTURES AFFECTED BY CONTRACTOR'S OPERATION
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING DEMOLITION.
- CONTRACTOR SHALL AT ALL TIMES, MAINTAIN THE BUILDING IN A WEATHER TIGHT CONDITION.
- TEMPORARY BARRICADES AS PERTAINING TO CONTRACTOR'S ACTIVITIES SHALL BE INSTALLED TO PREVENT POSSIBLE INJURY TO PERSON IN AND AROUND DEMOLITION AND CONSTRUCTION AREA.
- REMOVE ALL MILLWORK IN AREA OF WORK UNLESS OTHERWISE NOTED. ALL BASE CABINETS, COUNTER TOPS, UPPER CABINETS AND SHELVING SHOULD BE REMOVED.

DEMOLITION FLOOR PLAN SHEET NOTES

- REMOVE EXISTING DRYWALL STUD PARTITION AND ANY DOOR AND RELATED MOUNTING HARDWARE INSET INTO WALL.
- REMOVE EXISTING PLUMBING EQUIPMENT AND CAP OFF UNUSED PLUMBING. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE ALL FRONT SERVICE MILLWORK.
- REMOVE EXISTING FLOORING AND SUBFLOOR TO CONCRETE SLAB. REFINISH CONCRETE SLAB FOR EPOXY. REMOVE ANY COINCIDING FLOOR BASE, EXISTING JOISTS AND BEAMS TO REMAIN, THIS AREA.
- EXISTING ELECTRICAL PANEL TO REMAIN
- ALL MILLWORK TO BE REMOVED.
- EXISTING RESTROOMS TO REMAIN, PREPARE TO RECEIVE NEW FINISHES.
- REMOVE EXISTING BULKHEAD AND UNUSED DUCTS. SEE MECHANICAL PLANS.
- INSTALL METAL ANGLE FOR NEW OPENING INDICATED ON PROPOSED FLOOR PLAN.
- DEMO AND REPLACE EXIST. FURRING WALL TO SCHEDULED FINISH



1 EXISTING / DEMO PLAN
SCALE: 1/4" = 1' - 0"

CONSULTANT:



admin@SYNamep.com

SEAL:



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PROJECT NAME:

TOUS LES JOURS
NEW TENANT FIT OUT

PROJECT ADDRESS:

1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE: ISSUE: 

06/21/23 REV.1 

07/11/23 REV.2 

SCALE:
AS SHOWN

SHEET TITLE:
EXIST. FLOOR PLAN

SHEET #:
G002



Reviewed for Code Compliance
Building & Permitting Services Dept

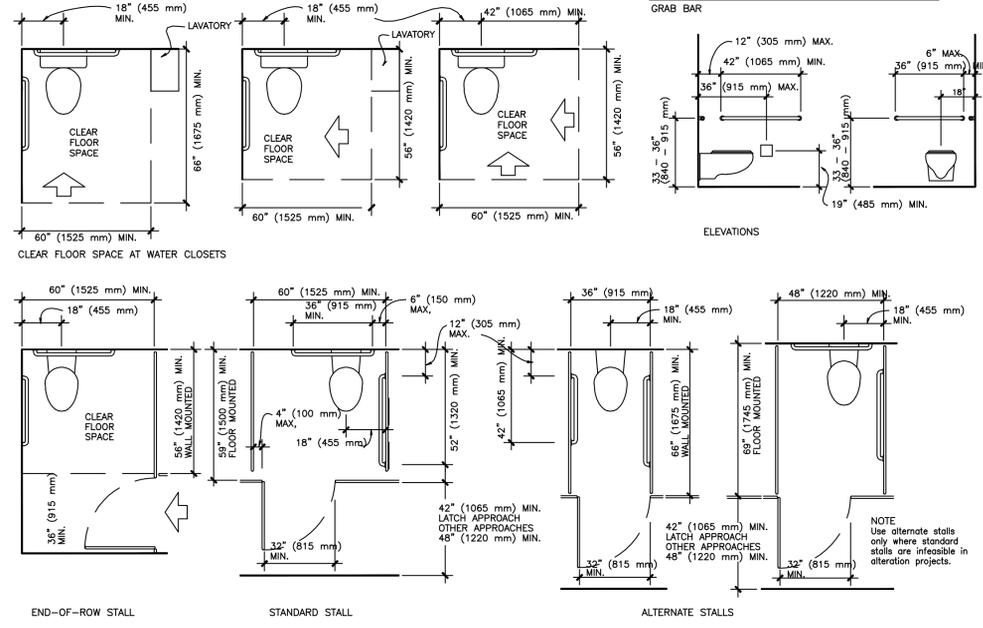
ABBREVIATIONS

ACT.	ACTUAL
ADJ.	ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
AGG.	AGGREGATE
ALUM.	ALUMINUM
BLDG.	BUILDING
BM.	BEAM
CAB.	CABINET
C.J.	CONTROL JOINT
CL.	CENTERLINE
CLG.	CEILING
C.M.U.	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
COND.	CONDITION
CONT.	CONTINUOUS
DBL.	DOUBLE
DIA.	DIAMETER
DIM.	DIMENSION
DN.	DOWN
DWG.	DRAWING
E.W.C.	ELECTRIC WATER COOLER
EA.	EACH
E.J.	EXPANSION JOINT
EXP.	EXPANSION
E.W.	EACH WAY
EXT.	EXTERIOR
EXIST.	EXISTING
F.E.C.	FIRE EXTINGUISHER CABINET
F.D.	FLOOR DRAIN
FIN.DIM	FINISH DIMENSION
F.F.	FINISH FLOOR
FIN.	FINISH(ED)
G.B./GYP.BD.	GYPSUM BOARD
GA.	GAUGE
GALV.	GALVANIZED
H.M.	HOLLOW METAL
INT.	INTERIOR
INSUL.	INSULATION
LAM.	LAMINATED
LAV.	LAVATORY
L.L.V.	LONG LEG VERTICAL
L.L.H.	LONG LEG HORIZONTAL
MANUF.	MANUFACTURER
MAX.	MAXIMUM
MECH.	MECHANICAL
MIN.	MINIMUM
M.O.	MASONRY OPENING
MTL./MET.	METAL
MTD.	MOUNTED
N/A	NOT APPLICABLE
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
N.I.C.	NOT IN CONTRACT
O.C.	ON CENTER
O.H./OPP.H.	OPPOSITE HAND
PLAS.LAM.	PLASTIC LAMINATE
P.T.D.	PAPER TOWEL DISPENSER
REV.	REVERSE
R./RAD.	RADIUS
REINF.	REINFORCE
REF.	REFERENCE/REFER TO
REQ'D.	REQUIRED
RM.	ROOM
R.O.	ROUGH OPENING
SCHED.	SCHEDULED
SHT.	SHEET
SIM.	SIMILAR
STL.	STEEL
S.S.	STAINLESS STEEL
SUSP.	SUSPENDED
T.A.S.	TEXAS ACCESSIBILITY STANDARDS
TEMP.	TEMPERED
THK.	THICK
TOIL.	TOILET
T.O.M.	TOP OF MASONRY
TYP.	TYPICAL
U.C.	UNDER COUNTER
UCR	UNDER COUNTER REFRIGERATOR
U.L.	UNDERWRITERS LABORATORIES
U.N.O.	UNLESS NOTED OTHERWISE
UR.	URINAL
V.T.	VINYL TILE
VERT.	VERTICAL
W.C.	WATER CLOSET
WD.	WOOD

GENERAL ACCESSIBILITY NOTES

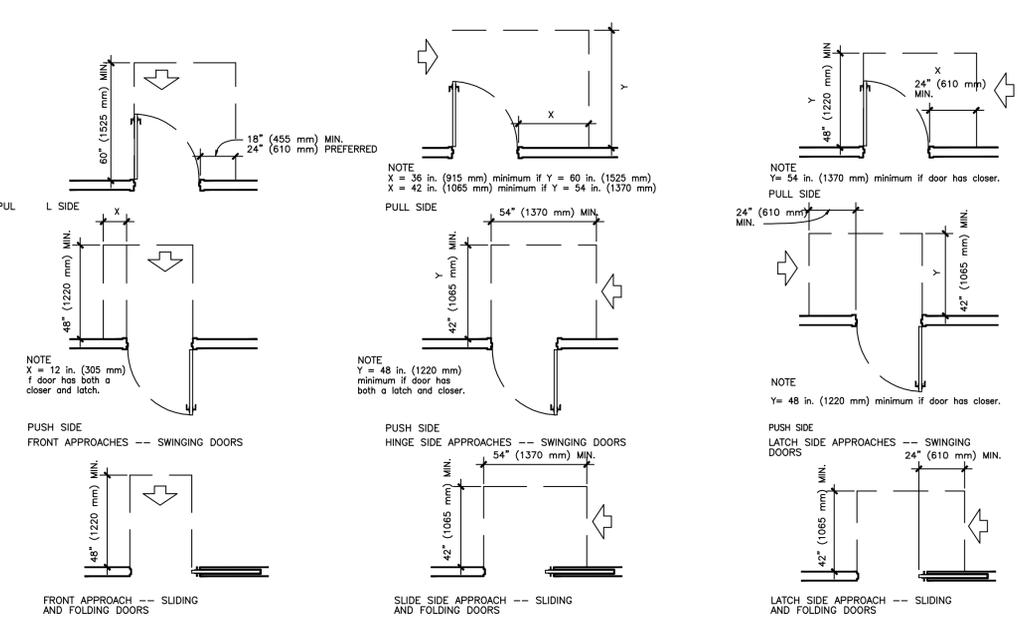
TOILET ROOMS, FIXTURES, AND ACCESSORIES

- All public and common use toilet rooms must be accessible. Private toilet rooms off a private office must be adaptable.
- At least one type of each fixture and accessory must be accessible; provide path to accessible fixtures.
- Turning space: 60 in. diameter or 5x5 ft. T-shape.
- Where 6 or more toilet stalls are provided in addition to the standard 5x5 ft. wheelchair stall, at least one stall must be 36 in. wide with grab bars on both sides.
- Stall doors may not swing into clear floor space required for fixtures; in standard stalls, the front partition and at least one side partition must provide a toe clearance of 9 in. above finish floor (AFF). If stall depth is greater than 60 in., toe clearance not required.
- Flush, lavatory, and accessory controls: operable with one hand; no tight grasping, pinching, or twisting of wrist; 5/16" max.; 44 in AFF max.; automatic is okay. Toilet flush controls to be mounted on wide side of toilet area.
- Hot water and drainpipes under lavatories must be insulated or otherwise configured to protect against contact. No sharp or abrasive surface under lavatories.
- Toilet paper dispensers that control delivery or do not permit continuous flow may not be used.
- For paper towel and other dispensers and disposals, see page on reach dimensions.
- Coordinate ADAAG with state and local code requirements.
- All dimensions on this page are for adult use facilities.



DOORS AND ENTRANCES

- Accessible entrances to and exits from a building must be provided, according to ADA 401 and applicable codes.
- Maneuvering clearances at doors shall be level (1:50 maximum slope) and clear if doors are not automatic or power-assisted.
- Gates must meet accessible requirements for doors.
- Provide accessible doors or gates adjacent to revolving doors and turnstiles.
- Double-leaf doors shall have at least the active leaf meet all door requirements.
- All doors in alcoves shall comply with the clearances for front approaches.



CONSULTANT: SYN ARCHITECTURE + ENGINEERING



SEAL: SHAWN S. NON LICENSE 0714123 No. 94881 STATE OF FLORIDA PROFESSIONAL ENGINEER

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PROJECT NAME: **TOUS LES JOURS NEW TENANT FIT OUT**

PROJECT ADDRESS: **1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789**

DATE: 06/21/23 ISSUE: REV.1

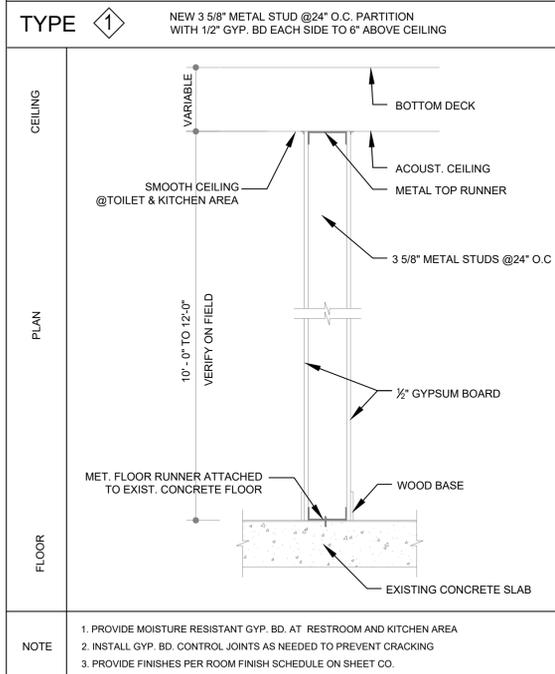
07/11/23 REV.2

SCALE: AS SHOWN

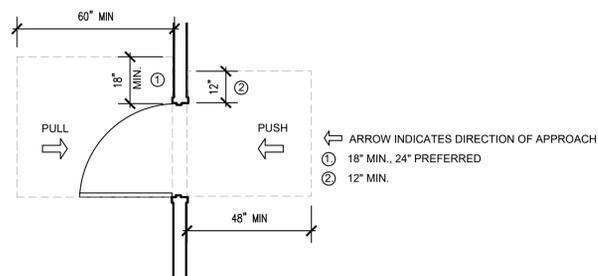
SHEET TITLE: GENERAL ACCESSIBILITY NOTES

SHEET #: A001

WALL TYPES



ADA DOOR CLEARANCE DETAIL



LEGENDS

- EXIST. WALL TO REMAIN
- NEW WALL

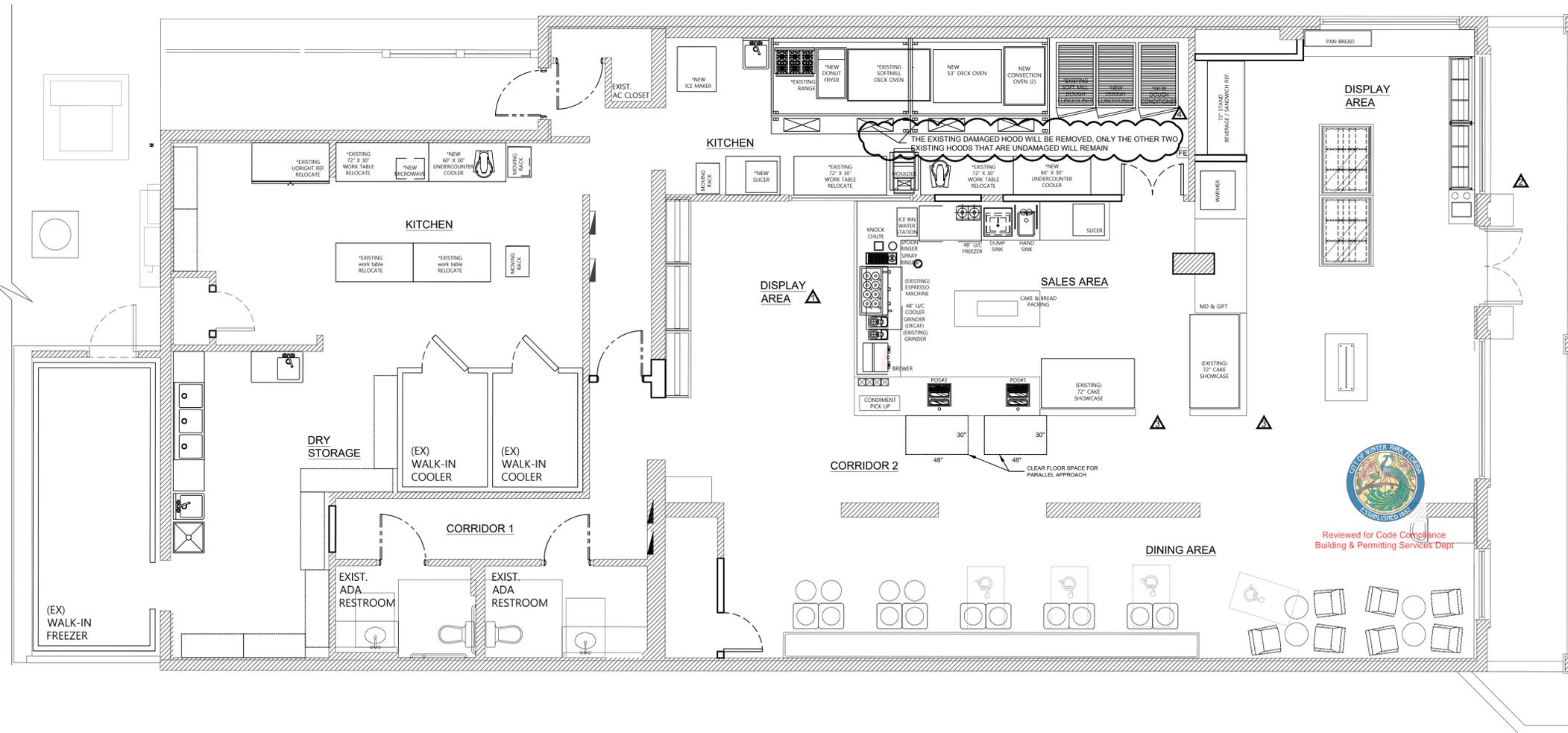
- TOTAL PROJECT AREA: 1,520 S.F.
- SPRINKLER SYSTEM: YES
- FIRE ALARM SYSTEM: NO

OCCUPANCY LOAD

2018 International Building Code (Table 1004.5)

- 141 S.F. / 150 GROSS = 1 OCC (SALES AREA - BUSINESS)
- 672 S.F. / 60 GROSS = 12 OCC (BUSINESS AREA)
- 380 S.F. / 15 NET = 26 OCC (ASSEMBLY - DINING AREA)
- 169 S.F. / 200 GROSS = 1 OCC (KITCHEN)
- 570 S.F. / 200 GROSS = 3 OCC (PREP-KITCHEN)

TOTAL OCCUPANCY LOAD= 43 OCC MAX



1 PROPOSED FLOOR PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT:

admin@SYNamep.com

SEAL:

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TOUS LES JOURS
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PROJECT ADDRESS:
1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE:	ISSUE:	▲
06/21/23	REV.1	▲
07/11/23	REV.2	▲
08/25/23	CONSTRUCTION	▲
10/04/23	FIRE COMMENT	▲

SCALE: AS SHOWN

SHEET TITLE: PROPOSED FLOOR PLAN

SHEET #: A100



EQUIPMENT SCHEDULE

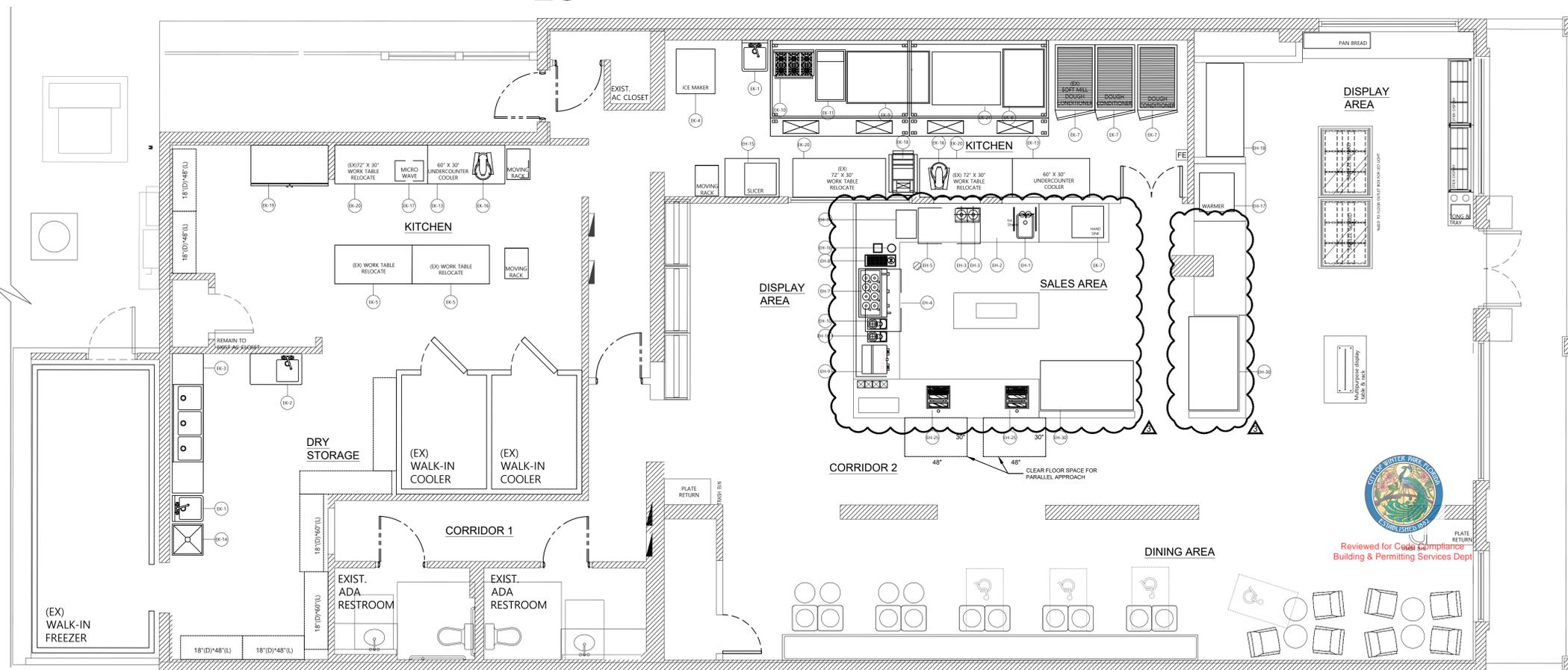
ITEM	QTY.	MANUFACTURER & MODEL	APPD
EK-7	3	TURBO AIR / TDC-30D-2R	NSF / ETL
EK-8	1	DAEHUNG / DHC10-II	NSF / ETL
EK-9	1	EXIST. TO REMAIN	
EH-30	2	EXIST. TO REMAIN	
EH-15	1	DOYON / SM302 (3/4)	
EK-18	1	AMERICAN EAGLE FOOD MACHINERY / AE-DM31	
EH-25	2	TBD	
EH-1	1	GSW / HS-1615H	NSF / ETL
EH-2	1	GSW / SP-S1520	ETL
EH-2	1	REGENCY / 600D12012	NSF / ETL
EH-3	2	EXIST. TO REMAIN	
EH-4	1	TURBO AIR / MUR-48-N	NSF / ETL
EH-5	1	TURBO AIR / MUF-48-N	NSF / ETL
EH-7	1	EXIST. TO REMAIN	
EH-8	1	RHINO / PICHER RINSE - 600MM - SPINJET	NSF
EH-9	1	BUNN ICB TWIN SST TALL	NSF / UL
EH-10	1	BUNN / G3 BULK GRINDER	ETL
EH-14	1	REGENCY / 600DWIB2118	NSF
EH-16	2	RENGENCY / 600DWRND KIT (600G82A, 600FDW)	-
EH-17	1	HATCO / WFST-2X	
EH-18	1	TURBO AIR / TOM-72ES-N	ETL
EK-1	2	EXIST. TO REMAIN	ETL / NSF
EK-2	1	GSW / SE18181L	ETL / NSF
EK-3	1	EXIST. TO REMAIN	ETL / NSF / CSA / CE
EK-4	1	HOSHIZAKI / NO KM-520MAJ	
EK-5	2	TURBO AIR / TSW-3060-E	NSF
EK-6	1	TURBO AIR / TSW-2436-E	NSF
EK-10	1	EXIST. TO REMAIN	
EK-11	1	PITCO / 65C+S	NSF
EK-13	2	TURBO AIR / MUR-60	ETL
EK-14	1	EXIST. TO REMAIN	NSF / ETL
EK-16	2	KITCHEN AID / KSM8990DP	NSF / UL
EK-17	1	SHARP / R-21LCF	NSF / UL
EK-19	1	EXIST. TO REMAIN	
EK-20	3	EXIST. TO REMAIN	
EK-21	1	WORLD-SEKI / JE23T-R	

HEALTH DEPARTMENT NOTES

- ALL EQUIPMENT, INCLUDING GREASE TRAP COVERS AND DRAIN COVERS SHALL BE RE-PURPOSED TO LIKE-NEW CONDITION OR REPLACED WITH NEW.
- CRACKS IN EXISTING CONCRETE FLOOR SHALL BE PATCHED AND ENTIRE CONCRETE FLOOR AREA SHALL BE REFINISHED. SEE SPECS IN FINISH NOTES AND DETAILS.
- ALL EXISTING EXTERIOR DOORS SHALL BE RE-ADJUSTED AND INSTALLED WITH NEW WEATHERSTRIPS TO PROPERLY SEAL FROM OUTSIDE.
- ALL EXISTING FLOOR DRAINS AND PIPES SHALL BE INSPECTED AND CLEANED PROPERLY TO PREVENT CLOGGING.
- ALL EXISTING PLUMBING FIXTURES INDICATED TO REMAIN SHALL BE INSPECTED AND REPAIRED TO PREVENT ODOR AND LEAKING.
- PROVIDE 2" AIR GAPS ON ALL DRAINS WHERE REQUIRED.
- APPLY FOR RETAIL FOOD LICENSE.
- OBTAIN A FOOD PROTECTION MANAGER'S CERTIFICATION.

NOTES:

- ALL EQUIPMENT SHALL BE FURNISHED BY THE OWNER AND INSTALLED BY CONTRACTOR.
- CONTRACTOR SHALL FURNISH ALL REQUIRED CONNECTION APPARATUS NOT SUPPLIED BY EQUIP. SUPPLIER FOR FINAL CONNECTION.
- TENANT TO INSTALL GREASE TRAP WITHIN THE SPACE.
- CONTRACTOR SHALL VERIFY ALL EQUIPMENT REQUIREMENTS PER MANUFACTURER'S SPECIFICATION.
- ALL WASTE DRAINS FROM EQUIPMENT IN WHICH FOOD, UTENSILS OR PORTABLE EQUIPMENT MAY BE PLACED, SUCH AS PREP SINKS, 3 COMPARTMENT SINKS ETC., MUST BE INDIRECTLY CONNECTED TO THE WASTE SYSTEM BY MEANS OF AIR-GAP OR AIR-BREAK.
- ALL COUNTER MOUNTED EQUIPMENT MUST BE INSTALLED ON 4" LEGS, BE SEALED TO THE COUNTER OR BE EASILY MOVABLE.
- ALL CUSTOM COUNTERS AND CABINETRY WILL BE INSTALLED ON SIX INCH NSF APPROVED LEGS, ROLLERS, A RAISED PLATFORM OF CONCRETE OR BE SEALED TO THE FLOOR AND WALL, IF INSTALLED ALONG A WALL.
- SINKS SHALL HAVE WATER TIGHT SEAL TO WALL.
- DOORS LEADING TO OUTDOORS, RESTROOMS, WALK-IN COOLER AND WALK-IN FREEZER SHALL BE SELF-CLOSING.
- QUICK SHUT OFF HOSES SHALL BE USED FOR GAS COOKING EQUIPMENT IN KITCHEN.
- NOTHING MUST BLOCK THE APPROACH TO A HAND WASHING SINK.
- SOLID WASTES ARE TO BE THROWN OUT TO EXISTING DUMPSTER ON CONCRETE PAD.



GENERAL NOTES

- 1.5-GALLON K CLASS FIRE EXTINGUISHERS TO BE LOCATED PER NFPA SECTION 10
- HOOD MANUAL PULL STATION TO BE LOCATED MIN. 10' TO MAX. 20' FROM HOOD

EQUIPMENT SCHEDULES

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

CONSULTANT:



admin@SYName.com

SEAL:



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PROJECT NAME:

TOUS LES JOURS
NEW TENANT FIT OUT

PROJECT ADDRESS:

1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE:	ISSUE:	
06/21/23	REV.1	▲
07/11/23	REV.2	▲
08/25/23	CONSTRUCTION	▲

SCALE:

AS SHOWN

SHEET TITLE:

EQUIPMENT SCHEDULES & FINISH PLAN

SHEET #:

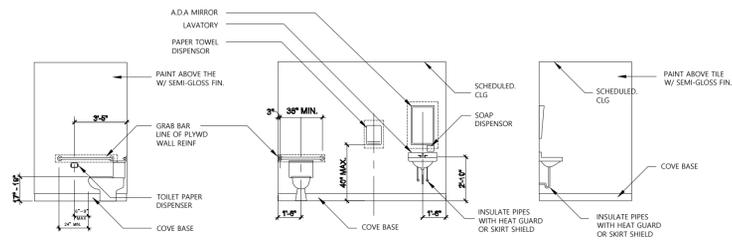
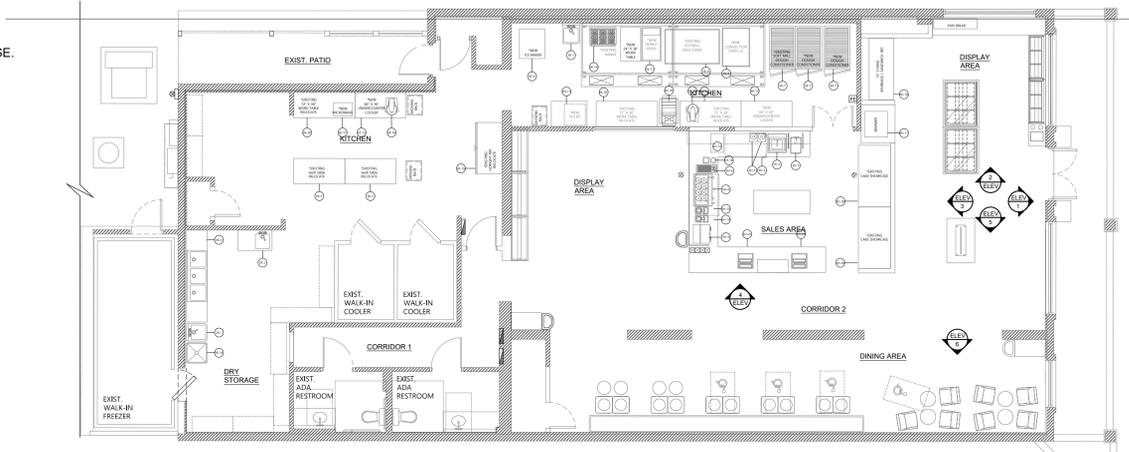
A101

GENERAL CONSTRUCTION NOTES

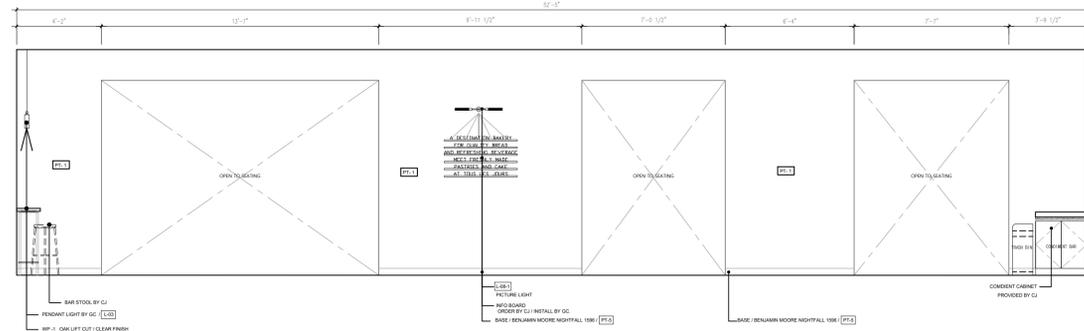
1. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE LOCAL JURISDICTION. UNLESS OTHERWISE AGREED UPON, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING ALL BUILDING PERMITS AS REQUIRED FOR THE WORK HE IS TO PERFORM AND WILL RETAIN AND PAY FOR ALL REQUIRED INSPECTIONS DURING THE CAUSE OF THE WORK.
2. CONTRACTOR SHALL VISIT SITE AND BE AWARE OF EXISTING CONDITIONS TO THE EXTENT AND INFLUENCE OF THE WORK.
3. ANY DAMAGE TO NEW OR EXISTING CONSTRUCTION CAUSED BY THE CONTRACTOR'S NEGLIGENCE OR INADEQUATE PROTECTION OR SECURITY DURING CONSTRUCTION ARE TO BE CORRECTED AT HIS OWN EXPENSE.
4. DRAWING ARE NOT TO BE SCALED FOR DIMENSION AND/OR SIZES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO FILED MEASURE EXISTING CONDITION PRIOR TO BEGINNING OF WORK AND PERIODICALLY DURING PROGRESS OF WORK TO VERIFY ALL CRITICAL DIMENSIONS. ANY DEVIATION FROM DIMENSIONS INDICATED ON DWGS, IS TO BE APPROVED BY ENGINEER DUE TO CONSTRUCTIONS.
5. THE MINIMUM LIGHTING REQUIREMENTS ARE: 50 FOOT CANDLES OF LIGHT IN THE FOOD PREPARATION AND UTENSIL WASHING AREAS, 20 FOOT CANDLES IN RESTROOM AND ON FOOD EQUIPMENT, AND 10 FOOT CANDLES OF LIGHT IN ALL OTHER AREAS MEASURED AT A DISTANCE OF 30 IN. FROM THE FLOOR.
6. ALL MEANS OF EGRESS DOORS SHALL BE READILY OPENABLE FROM EGRESS SIDE WITHOUT THE USE OF KEY OR SPECIAL EFFORT AND SHALL HAVE MIN. CLEAR WITH OF 32. IN PER IBC 1003.3.1.1. DOORS SHALL BE OPENABLE WITH NO MORE THAN ONE RELEASING OPERATION.
7. PROVIDE PORTABLE FIRE EXTINGUISHERS AS PER NFPA 10.
8. ALL WORK-IN REFRIGERATION UNITS ARE INSTALLED WITH WASHABLE FLOOR PANEL. ALL WALLS INSIDE WALK-IN MUST BE GRADED TO DRAIN THROUGH THE DOORWAY.

HEALTH DEPARTMENT NOTES

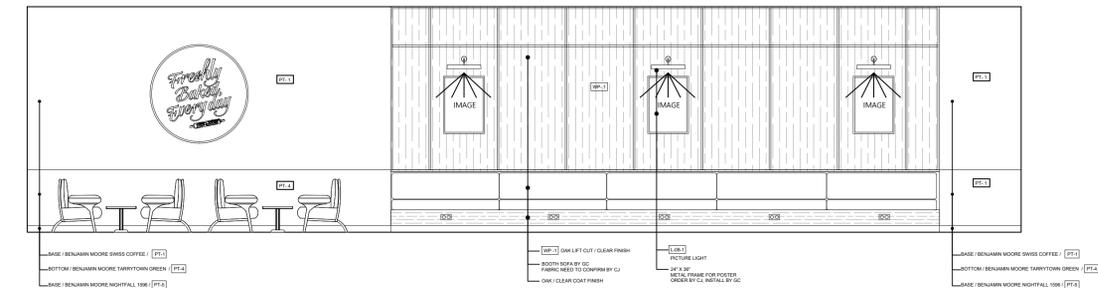
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6. PROVIDE 2" AIR GAPS ON ALL DRAINS WHERE REQUIRED.
7. APPLY FOR RETAIL FOOD LICENSE.
8. OBTAIN A FOOD PROTECTION MANAGER'S CERTIFICATION.



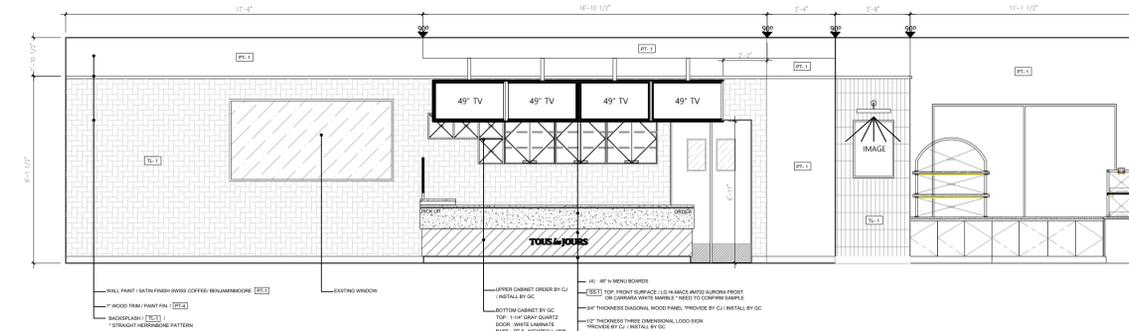
ELEVATION PLAN - REST ROOM & MOUNTING HEIGHTS
SCALE: 3/16" = 1' - 0"



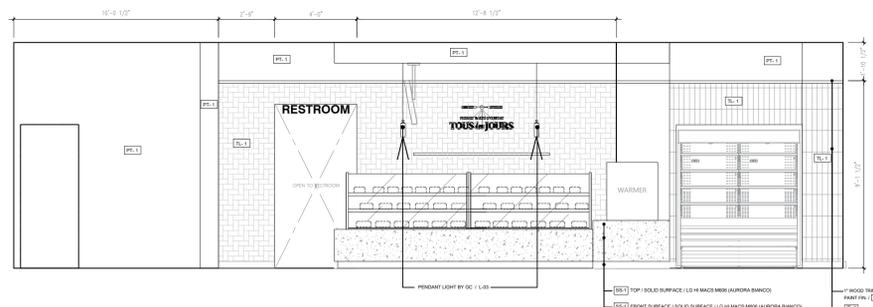
ELEVATION PLAN - DINING AREA
SCALE: 1/4" = 1' - 0"



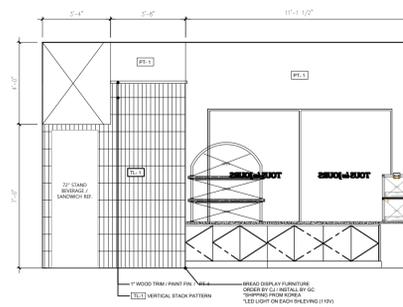
ELEVATION PLAN - DINING AREA
SCALE: 1/4" = 1' - 0"



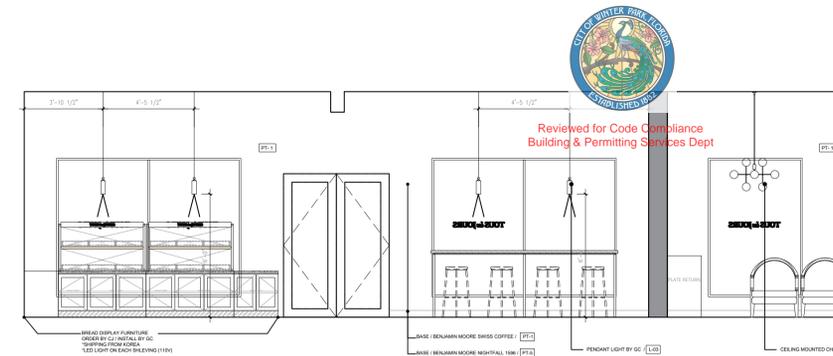
ELEVATION PLAN - SALES AREA
SCALE: 1/4" = 1' - 0"



ELEVATION PLAN - SALES AREA
SCALE: 1/4" = 1' - 0"



ELEVATION PLAN - DISPLAY AREA
SCALE: 1/4" = 1' - 0"



ELEVATION PLAN - ENTRANCE SIDE OF THE STORE
SCALE: 1/4" = 1' - 0"



CONSULTANT:



admin@SYNmap.com

SEAL:



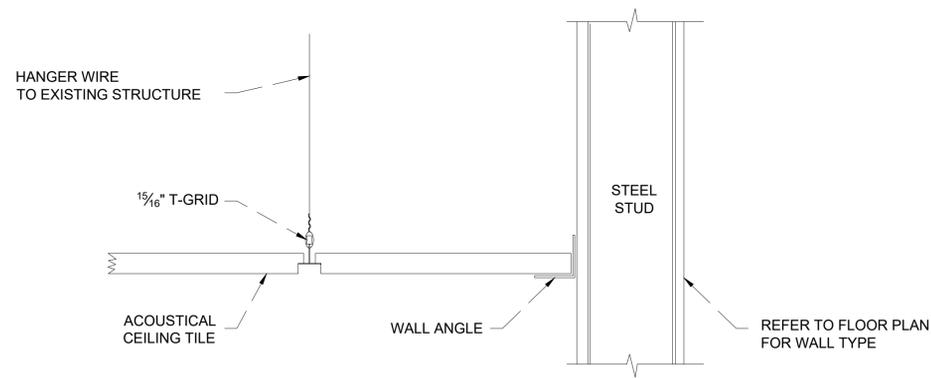
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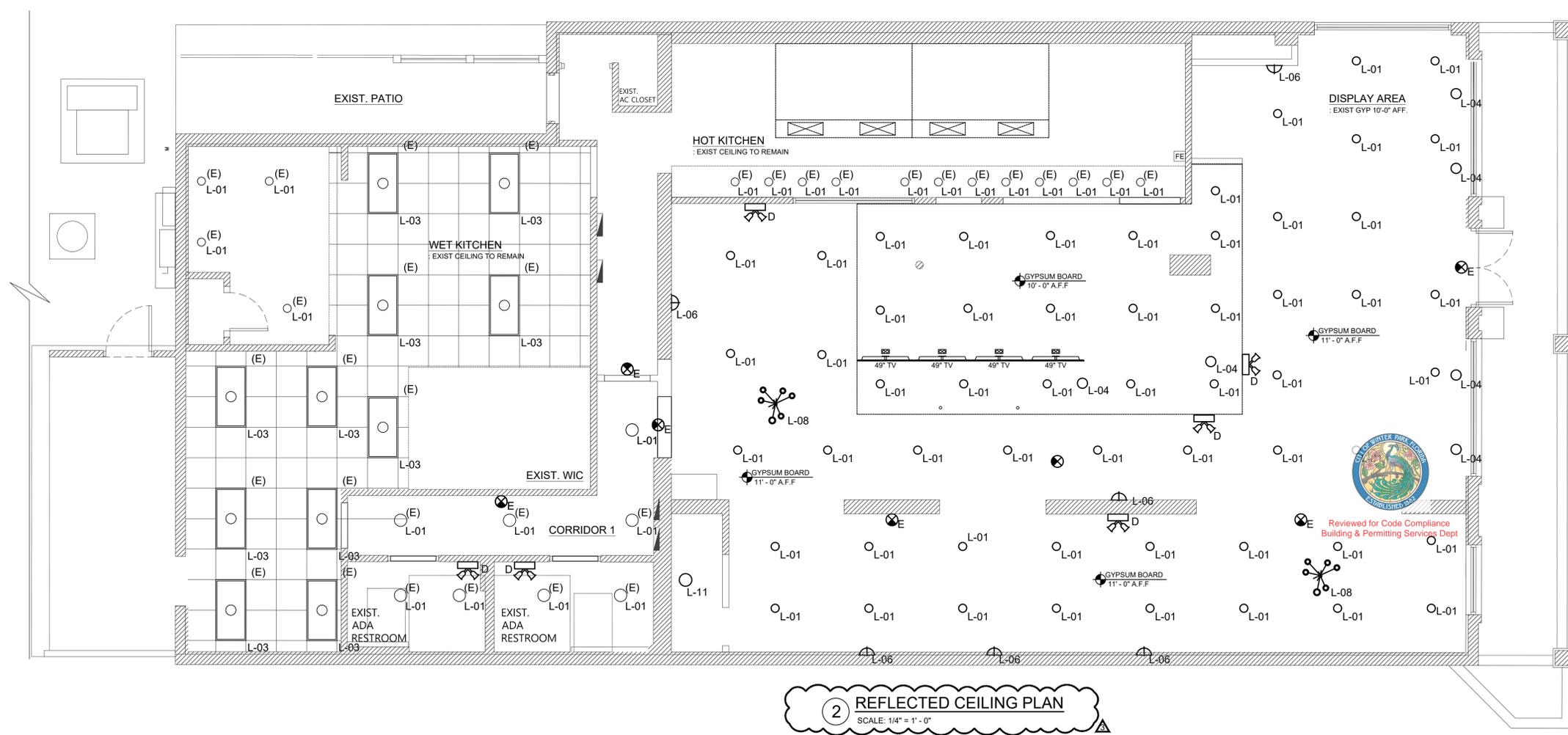
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DATE:	ISSUE:	▲
06/21/23	REV.1	▲
07/11/23	REV.2	▲
SCALE:	AS SHOWN	
SHEET TITLE:	INTERIOR ELEVATION	
SHEET #:	A102	



ACoustical Ceiling Detail. Typ.
SCALE: NOT TO SCALE

LIGHT FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MFRG	CAT. NO.	VOLTS	LAMPS	WATTS	NOTE
L01	6" DIA LED DOWN LIGHT	LITHONIA EQUAL	LBR625LM35KARTRWLSS MWDVOLTUGZ NLIGHT ENABLED LBR6PFW FRAME	120VAC	LED	18	
L03	2x4 LED LAY-IN TROFFER, CRIBO, 3500K, FLAT ACRYLIC SUITABLE FOR KITCHEN APPLICATIONS	LITHONIA EQUAL	CPX2x44000LM 40K	120VAC	LED	39	REFER TO LIGHTING CONTROL DETAILS
L04	PENDENT LED	TECH LIGHTING EQUAL	700 TD B S LED930	120VAC	LED	60	
L06	WALL PICTURE LIGHT	HYDREL EQUAL	PLACERTWIN LED	120VAC	LED	22	FIELD ORIENT FOR BEST COVERAGE
EL07	4FT LED LINEAR LED FIXTURE CRIBO, 3500K, REGRESSED FLAT LENSE WITH BATTERY	LITHONIA EQUAL	SL4L LOP 4FT RLP WTG 80CRI _E10WLCP 9 35K1000LMF NODIM	120VAC	LED	10	REFER TO LIGHTING CONTROL DETAILS
L08	CHANDELIER	TECH LIGHTING EQUAL	700SPCT B S LED930	120VAC	LED	46	
L-11	CEILING MOUNT UTILITY LIGHT	LITHONIA OR EQUAL	ANY	120VAC	LED	5	
E	EXIT LIGHT	LITHONIA EQUAL	QM LED G HO	120VAC	LED	5	
D	BATTERY PACK COMPLY WITH MANUFACTURERS CENTER TO CENTER SPACING. COLOR WHITE	LITHONIA OR EQUAL	ELM4L-UVOLT	120VAC	LED	5	COLOR AS APPROVED BY ARCHITECT



2 REFLECTED CEILING PLAN
SCALE: 1/4" = 1' - 0"

CONSULTANT:

admin@SYNamep.com

SEAL:

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NEW TENANT FIT OUT**

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DATE: 06/21/23
ISSUE: REV.1

07/11/23 REV.2

08/25/23 CONSTRUCTION

SCALE:
AS SHOWN

SHEET TITLE:
REFLECTED CEILING PLAN

SHEET #:
A200

GENERAL NOTES

1. FURNISH LABOR, MATERIALS, TOOLS, EQUIPMENT, SERVICES AND SKILLED SUPERVISION NECESSARY TO SUPPLY, INSTALL, TEST AND ADJUST MECHANICAL SYSTEMS COMPLETE, OPERATIONAL, AND READY FOR USE, AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.
2. PERMITS, LICENSES & FEES: PAY REQUIRED FEES AND OBTAIN NECESSARY PERMITS AND LICENSES FOR LEGAL REMOVAL OF EXISTING AND INSTALLATION OF NEW WORK.
3. CODES AND STANDARDS: WORK SHALL BE PERFORMED IN ACCORDANCE WITH CODES, STANDARDS AND REGULATIONS. CODE CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF ENGINEER FOR RESOLUTION. THE DISTRICT OF COLUMBIA'S LAWS AND BUILDING REGULATIONS APPLY TO THE MAXIMUM EXTENT POSSIBLE (SEE LIST BELOW). THE EDITION OF EACH CODE IN EFFECT AT TIME OF CONTRACT AWARD SHALL APPLY FOR DURATION OF CONSTRUCTION.
 - A. NATIONAL FIRE PROTECTION ASSOCIATION:
 - 1) NFPA 90A, INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS
 - B. NATIONAL ELECTRICAL CODE 2011
 - C. ICC VIRGINIA MECHANICAL CODE 2012
 - D. ICC VIRGINIA PLUMBING CODE 2012
 - E. ICC INTERNATIONAL FUEL GAS CODE 2012
 - F. ICC VIRGINIA CONSTRUCTION CODE 2012
4. THE DRAWINGS REPRESENT THE INTENT OF THE CONTRACT. THE DESIGN DRAWINGS ARE NOT A SUBSTITUTION FOR THE SHOP DRAWINGS. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS CONDITIONS ALLOW TO COMPLETE THE INTENT OF THE CONTRACT. THE CONTRACTOR MAY MAKE MINOR CHANGES IN LOCATIONS AND ARRANGEMENTS WHEN REQUIRED BY JOB DEVELOPMENT.
5. DRAWING ACCURACY: THE LOCATIONS AND SIZES OF EXISTING EQUIPMENT, PIPING, DUCTWORK, AND DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE VERIFIED ON THE PROJECT SITE. THE DRAWINGS ARE DIAGRAMMATIC AND NOT INTENDED TO BE SCALED.
6. ACCESSIBILITY: LOCATE EQUIPMENT REQUIRING SERVICING, OPERATIONAL CLEARANCES, OR MAINTENANCE CLEARANCES IN FULLY ACCESSIBLE POSITION. EQUIPMENT REQUIRING THESE CLEARANCES SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO: VALVES, TRAPS, CLEANOUTS, MOTORS, CONTROLLERS, DISCONNECTS, ETC. WHERE EQUIPMENT IS CONCEALED, PROVIDE ACCESS DOORS TO MAINTAIN ACCESSIBILITY. MINOR DEVIATIONS FROM CONTRACT DOCUMENTS MAY BE MADE TO FACILITATE ACCESSIBILITY.
7. PROVIDE UL-LISTED FIRESTOP SYSTEMS AT PENETRATIONS THROUGH FIRE-RATED BARRIERS AND WHERE CREATED BY THE REMOVAL OF EXISTING CONSTRUCTION. WHERE EXISTING SERVICES AND OTHER PENETRATIONS THROUGH FIRE RATED CONSTRUCTION ARE REMOVED, SEAL WITH FIRE-RATED MATERIALS OF THE SAME CONSTRUCTION AND FINISH TO MATCH SURROUNDING FINISH.
8. CUTTING AND PATCHING REQUIRED IN WALLS FOR THE INSTALLATION OF NEW PIPING SHALL BE PERFORMED UNDER THIS CONTRACT. FILL VOIDS TO MAINTAIN THE INTEGRITY OF CONSTRUCTION AND FINISH TO MATCH THE EXISTING FINISHES.
9. THE GENERAL NOTES, SYMBOLS LIST, AND DETAILS ARE APPLICABLE TO ALL MECHANICAL DRAWINGS.
10. THE MECHANICAL CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH THE OTHER TRADES BEFORE FABRICATION AND INSTALLATION.
11. FLEXIBLE DUCT SHALL COMPLY WITH SMACNA, ALL LOCAL CODES, UL RATING, SHEET METAL DUCT WORK, WHERE REQUIRED BY LOCAL CODES, SHALL BE LINED WITH 1" MATT FACED DUCTLINER IN THE FIRST 10 (TEN) FEET OF THE RETURN AND SUPPLY DUCT STARTING FROM THE HVAC UNIT.
12. THE SPECIFICATIONS HAVE PRECEDENCE OVER THE GENERAL DRAWINGS BUT NOT OVER SPECIAL DETAILS OR SPECIAL NOTES SHOWN ON DRAWINGS.
13. INSTALL DUCTS AND PIPING CONCEALED IN FINISHED SPACES, UNLESS SPECIFIED OTHERWISE, AND CLEAR OF CEILING INSERTS. ALL DUCTWORK SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO WALLS AND THE UNDERSIDE OF BEAMS AND JOISTS OR THROUGH JOISTS AS REQUIRED.
14. ONE SET OF CONSTRUCTION FILTERS AND ONE SET OF POST CONSTRUCTION FILTERS SHALL BE PROVIDED (AS A MINIMUM) FOR ALL NEW MECHANICAL EQUIPMENT REQUIRING FILTERS.
15. DURING CONSTRUCTION, TEMPORARY FILTERS SHALL BE USED AT ALL RETURN GRILLES AND DUCT OPENINGS WHEN SYSTEMS ARE OPERATING. WHEN SYSTEMS ARE NOT OPERATING, ALL SUPPLY AND RETURN OPENINGS SHALL BE TEMPORARILY SEALED.
16. ALL DUCTWORK THAT IS NOT INTERNALLY INSULATED SHALL HAVE EXTERNAL INSULATION. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND INSULATION REQUIREMENTS. THE DIMENSIONS SHOWN ON SOUND LINED DUCTWORK ARE INSIDE CLEAR, INCREASE DUCT SIZES ACCORDINGLY.
17. INSTALL ROOM THERMOSTATS IN ACCORDANCE WITH ADA REQUIREMENTS.
18. ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN PIPING AND DUCTS (INCLUDING DIVIDED DUCTS) AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
19. VERIFY ALL EQUIPMENT CONNECTIONS WITH THE MANUFACTURER'S CERTIFIED DRAWINGS. VERIFY AND PROVIDE DUCT TRANSITIONS TO EQUIPMENT. FIELD VERIFY AND COORDINATE ALL DIMENSIONS BEFORE FABRICATION.
20. PROVIDE FLEXIBLE CONNECTIONS ON ALL DUCTS CONNECTING TO MECHANICAL EQUIPMENT. ALL DUCTS TO BE GROUNDED ACROSS FLEXIBLE CONNECTION WITH FLEXIBLE COPPER GROUNDING STRAPS.
21. SUPPORT ALL EQUIPMENT, PIPING AND DUCTWORK FROM THE BLDG STRUCTURE PROVIDE VIBRATION ISOLATORS.
22. SMOKE DETECTORS SHALL BE FURNISHED AND WIRED TO THE FIRE ALARM SYSTEM UNDER THE ELECTRICAL SECTION. UNDER THE MECHANICAL SECTION, THE CONTRACTOR SHALL MOUNT THE DETECTORS IN DUCTWORK, WHERE REQUIRED BY CODE, AND SHALL WIRE THE DETECTORS TO THE FAN STARTERS FOR SHUTDOWN. SMOKE DAMPERS SHALL BE PROVIDED UNDER THE MECHANICAL WORK. DAMPERS SHALL BE UL555 LISTED.
23. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATIONS OF AIR TERMINAL DEVICES. SEE THE ARCHITECTURAL DRAWINGS FOR COLOR AND FINISH.
24. DIFFUSER SIZES SHOWN ARE NECK SIZES; REGISTER AND GRILLE SIZES ARE NOMINAL.
25. DUCTWORK SHALL NOT BE USED TO ANCHOR WALLS OR MOUNT LIGHT FIXTURES. LIGHT FIXTURES SHALL NOT TOUCH DUCTWORK.
26. DUCTWORK SHALL BE CONSTRUCTED AS PER SMACNA REQUIREMENTS. INSTALL TURNING VANES AT ALL DUCTWORK TEES AND 90 DEGREE ELBOWS. EXCEPT IN KITCHEN EXHAUST DUCT.
27. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SWITCHES, MOTOR STARTERS, DISCONNECT SWITCHES AND POWER WIRING.
28. THE CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE THAT SHALL WARRANT ALL WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE FINAL WORK ACCEPTANCE BY THE OWNER AND A FIVE YEAR WARRANTY ON THE COMPRESSOR.
29. CONTRACTORS SHALL INSTALL ALL NECESSARY OFFSETS, BENDS, AND TRANSITIONS REQUIRED FOR BOTH PIPING AND DUCTWORK TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
30. COORDINATE LOCATION OF ALL CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN TO PREVENT CONFLICT WITH LIGHTS AND ARCHITECTURAL ELEMENTS.
31. CONTRACTOR SHALL TEST AND BALANCE TO THE AIR QUANTITIES ON THE PLAN AND PROVIDE A T&B REPORT.
32. CONTRACTOR SHALL INSTALL A COMPATIBLE THERMOSTAT IN ACCORDANCE WITH MANUFACTURER'S RECOMENDATIONS.
33. GREASE DUCTS SERVING HOOD SHALL BE CONSTRUCTED OF NO. 16 GAUGE STEEL AND FABRICATED WITH A CONTINUOUS LIQUID-TIGHT WELD.
34. KITCHEN EXHAUST DUCT SHALL BE PROVIDED WITH PYROSCAT DUCT WRAP XL OR EQUAL PROOFING MATERIALS, FROM THE POINT IT LEAVES THE KITCHEN HOOD TO THE POINT OF TERMINATION.
35. TO PREVENT GREASE ACCUMULATION, HORIZONTAL EXHAUST DUCT SHALL SLOPE NOT LESS THAN ONE UNIT VERTICAL IN 12 UNIT HORIZONTAL, (8.3 PERCENT SLOPE). PROVIDE CLEANOUTS AS REQUIRED.

SYMBOLS

MECHANICAL

SYMBOL	DESCRIPTION
	NEW DUCTWORK WIDTH X DEPTH, INCHES
	ROUND ELBOW
	ELBOW W/ TURNING VANES
	RETURN DUCT TURNED DOWN
	RETURN DUCT TURNED UP
	FLEXIBLE CONNECTION IN DUCTWORK
	FLEXIBLE DUCT
	MANUAL VOLUME DAMPER
	THERMOSTAT
	CEILING DIFFUSER (ACTIVE DIRECTIONS NOTED)
	RETURN/EXHAUST GRILLE
	SUPPLY AIR FLOW
	RETURN/EXHAUST AIR FLOW
	FIRE DAMPER & ACCESS DOOR
	FIRE SHUT OFF SWITCH
	CLASS K FIRE EXTINGUISHER
	NEW WORK / DEMOLITION
	EXISTING
PIPING/LINETYPES	
SYMBOL	DESCRIPTION
	PIPE TURNED DOWN
	PIPE TURNED UP
	GAS PIPE

GENERAL

SYMBOL	DESCRIPTION
(E)	EXISTING
①	NOTE
$\frac{S1}{200}$	AIR DEVICE DESIGNATION AND CFM
	LIMIT OF REMOVAL
	CONNECTION POINT NEW TO EXISTING
	LETTER INDICATES DETAIL OR ENLARGED PLAN
	SHEET NUMBER WHERE DETAIL OR ENLARGED PLAN IS DRAWN
	SHEET NUMBER WHERE DETAIL OR ENLARGED PLAN IS TAKEN FROM

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
Ø	DIAMETER
AD	ACCESS DOOR
ARI	AIR-CONDITIONING AND REFRIGERATION INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNITS PER HOUR
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
C/O	CLEAN OUT
DB	DRY BULB
DEG	DEGREE
DN	DOWN
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
EH	ELECTRIC HEATER
ER	EXHAUST REGISTER
ESP	EXTERNAL STATIC PRESSURE
F	FAHRENHEIT
F.D.	FIRE DAMPER
FLA	FULL LOAD AMPS
PPM	FEET PER MINUTE
FT	FEET
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HR	HOUR
HZ	HERTZ
IN	INCH
IN WG	INCHES WATER GAGE
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LF	LINEAR FEET
LRA	LOCK ROTOR AMP
MAX	MAXIMUM
MBH	THOUSAND BTUH
MCA	MINIMUM CIRCUIT AMPS
MIN	MINIMUM
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NORMALLY OPEN
OA	OUTDOOR AIR
PD	PRESSURE DROP
PH	PHASE
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
RR	RETURN REGISTER
RTU	ROOF MOUNTED AIR CONDITIONING UNIT
SA	SUPPLY AIR
SF	SUPPLY FAN
SP	STATIC PRESSURE
SQFT	SQUARE FEET
SR	SUPPLY REGISTER
T	THERMOSTAT
TG	TRANSFER GRILLE
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
V	VOLTS
VEL	VELOCITY
W	WATT
WB	WET BULB
WMS	WIRE MESH SCREEN
WR	WALL REGISTER
ALL ABBREVIATIONS AND SYMBOLS MAY NOT BE USED	



Reviewed for Code Compliance
Building & Permitting Services Dept

CONSULTANT:



admin@SYNamep.com

SEAL:



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PROJECT NAME:

TOUS LES JOURS
NEW TENANT FIT OUT

PROJECT ADDRESS:
1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE:

ISSUE:



SCALE:

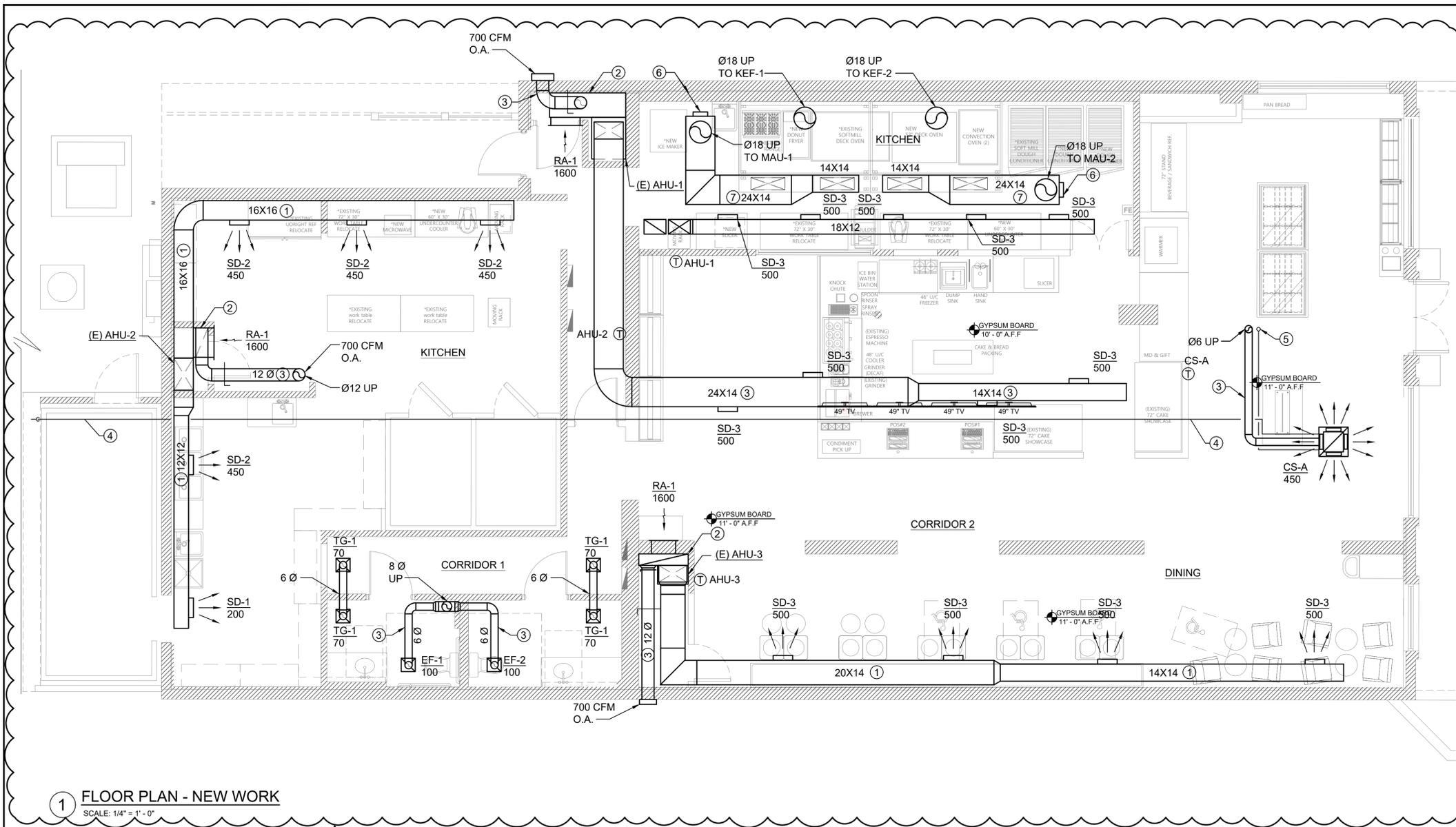
AS SHOWN

SHEET TITLE:

GENERAL NOTES,
SYMBOLS, &
SPECIFICATIONS

SHEET #:

M001



1 FLOOR PLAN - NEW WORK
SCALE: 1/4" = 1' - 0"

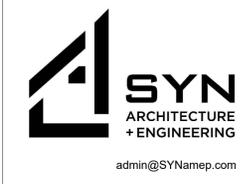
GENERAL NOTES:

1. PROVIDE THE LABOR AND MATERIALS AS NECESSARY TO CUT AND REMOVE LIMITED SECTIONS OF THE CONCRETE SLAB TO FACILITATE THE THE REMOVAL OF PIPING BELOW THE SLAB ON GRADE. COORDINATE THE EXTENT OF CONCRETE WORK WITH THE NEW WORK.

KEYED NOTES - FLOOR PLAN:

- 1 NEW SUPPLY AIR DUCT. PROVIDE INSULATION R-6 RATING. COORDINATE DUCT ELEVATION WITH EXISTING SUPPLY DUCTS, BUILDING STRUCTURES, AND OTHER DISCIPLINE.
- 2 PLENUM FOR RETURN AIR.
- 3 NEW OUTSIDE AIR DUCT. PROVIDE INSULATION R-6 RATING. COORDINATE DUCT ELEVATION WITH EXISTING SUPPLY DUCTS, BUILDING STRUCTURES, AND OTHER DISCIPLINE.
- 4 3/4" CONDENSATE DRAIN PIPE.
- 5 REFRIGERANT PIPE UP TO THE OUTDOOR UNIT.
- 6 12X12 ACCESS PANEL FOR CLEANOUT.
- 7 NEW GREASE AIR DUCT. REFER TO THE SHEET M501 FOR DETAIL.
- 8 NEW EXHAUST AIR DUCT. COORDINATE DUCT ELEVATION WITH EXISTING SUPPLY DUCTS, BUILDING STRUCTURES, AND OTHER DISCIPLINE.

CONSULTANT:



SEAL:



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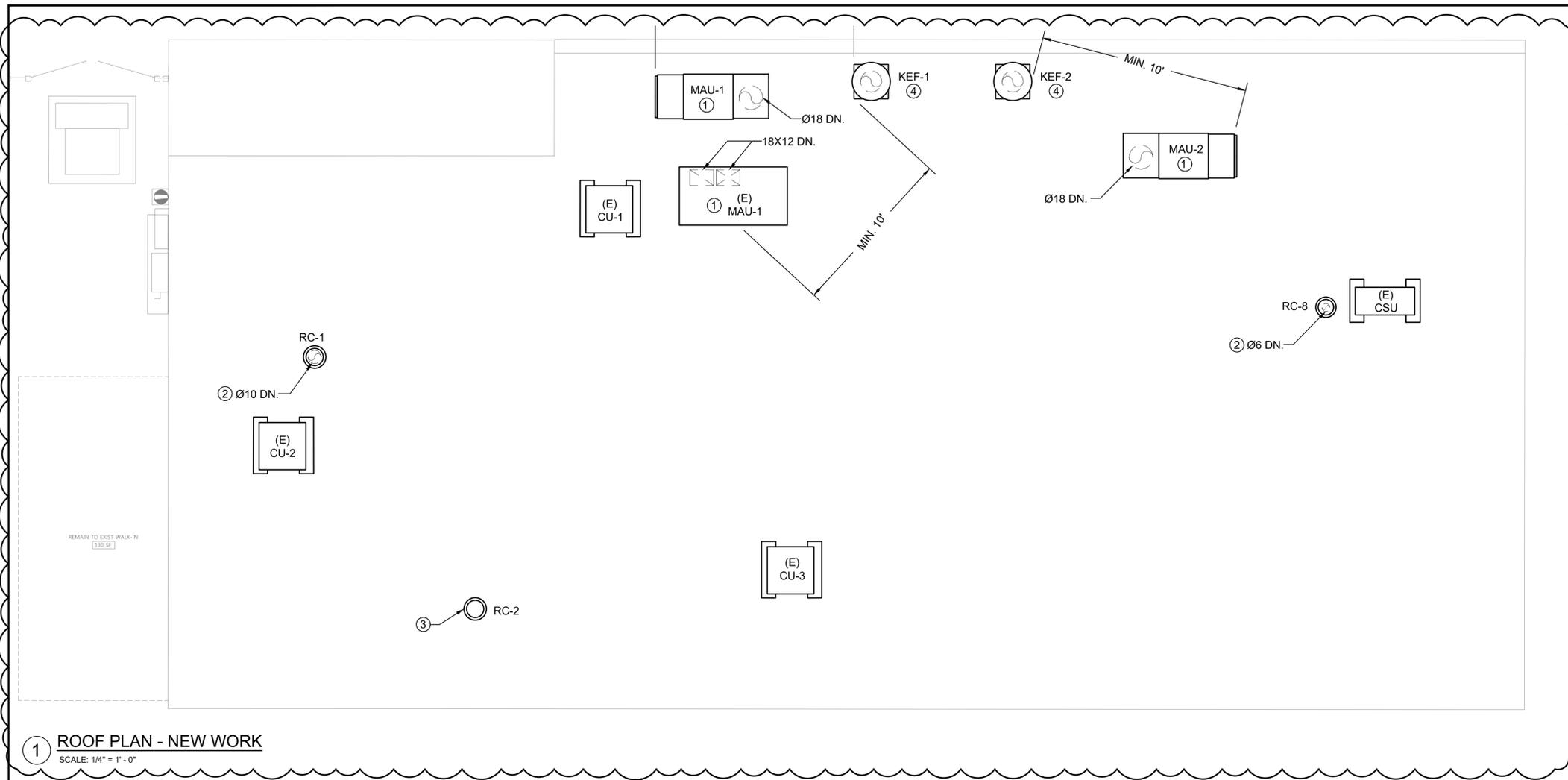
Reviewed for Code Compliance
Building & Permitting Services Dept

DATE:	ISSUE:	
06/21/23	REV.1	▲
07/11/23	REV.2	▲
08/25/23	CONSTRUCTION	▲

SCALE:
AS SHOWN

SHEET TITLE:
FLOOR PLAN

SHEET #:
M100



1 ROOF PLAN - NEW WORK
SCALE: 1/4" = 1' - 0"

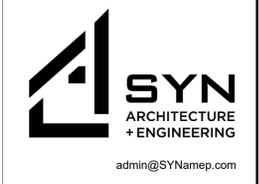
GENERAL NOTES:

1. PROVIDE THE LABOR AND MATERIALS AS NECESSARY TO CUT AND REMOVE LIMITED SECTIONS OF THE CONCRETE SLAB TO FACILITATE THE THE REMOVAL OF PIPING BELOW THE SLAB ON GRADE. COORDINATE THE EXTENT OF CONCRETE WORK WITH THE NEW WORK.

KEYED NOTES - ROOF PLAN

- 1 INTAKE AIR TO BE MINIMUM 10' FROM ANY EXHAUST AIR.
- 2 ROOF CAP FOR OUTSIDE AIR INTAKE.
- 3 ROOF CAP FOR EXHAUST AIR.
- 4 KITCHEN EXHAUST FAN. 10' AWAY FROM ANY INTAKE AIR.

CONSULTANT:



SEAL:



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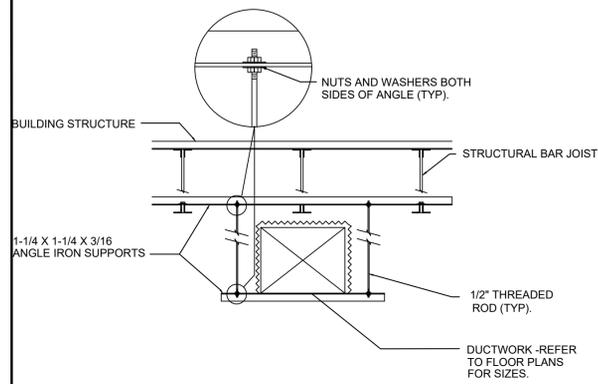
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06/21/23	REV.1	▲
07/11/23	REV.2	▲
08/25/23	CONSTRUCTION	▲

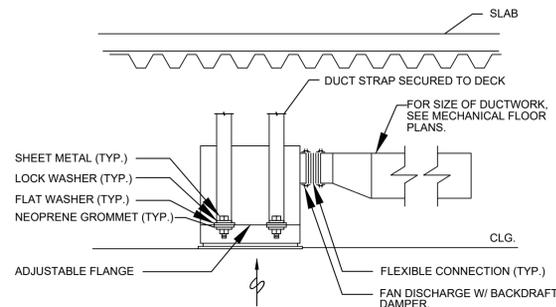
SCALE:
AS SHOWN

SHEET TITLE:
ROOF PLAN

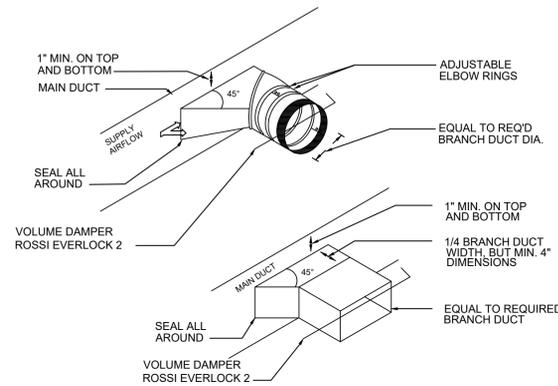
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M101



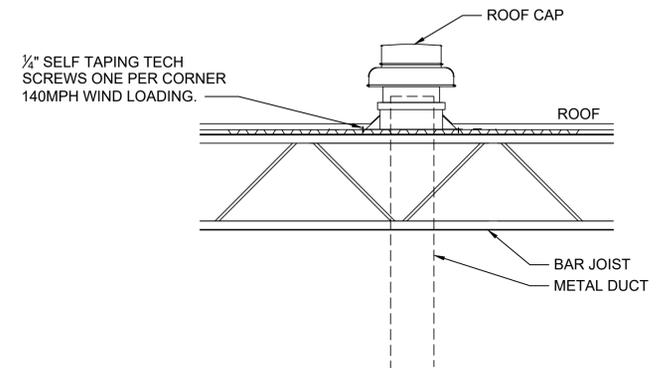
1 DUCT HANGER DETAIL
NOT TO SCALE



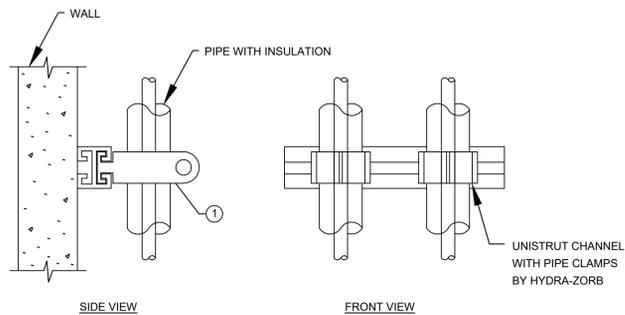
2 CABINET EXHAUST FAN DETAIL
NOT TO SCALE



3 TYPICAL BRANCH TAKE-OFF FITTINGS DETAIL
NOT TO SCALE

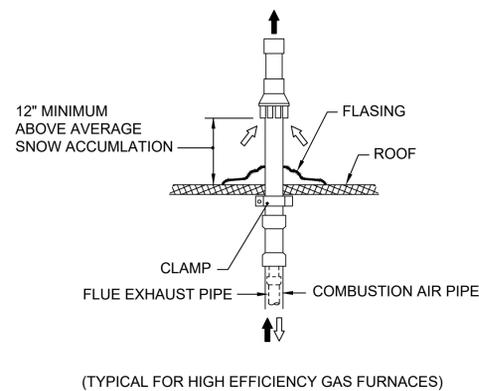


4 EXHAUST FAN ROOF CAP
NOT TO SCALE

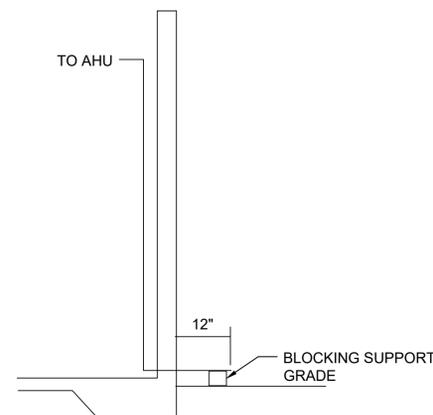


NOTE:
1 FULL INSULATION INSIDE CLAMP

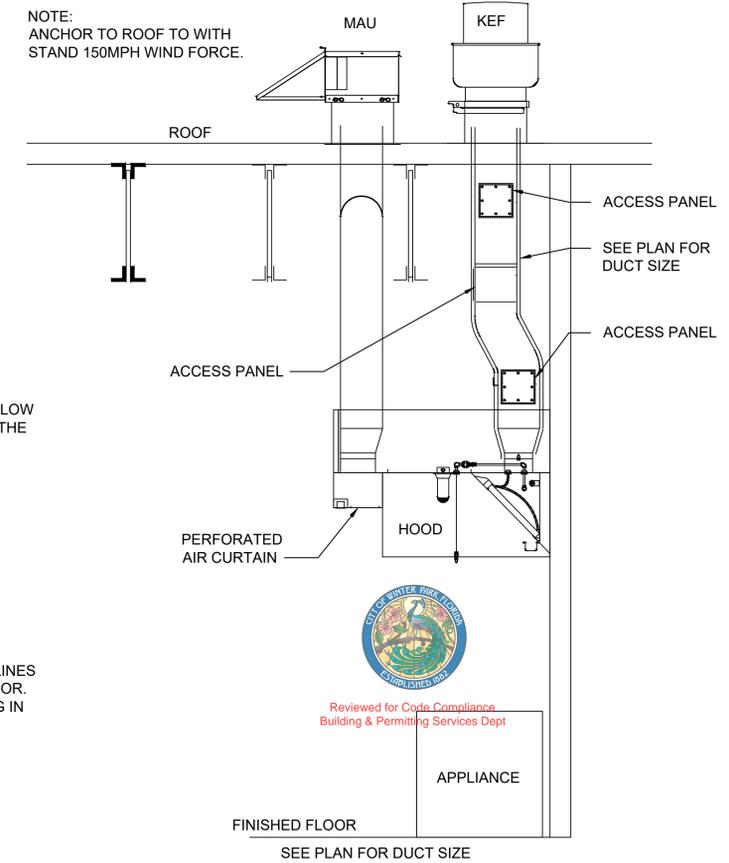
5 WALL SUPPORT FOR VERTICAL PIPING DETAIL
NOT TO SCALE



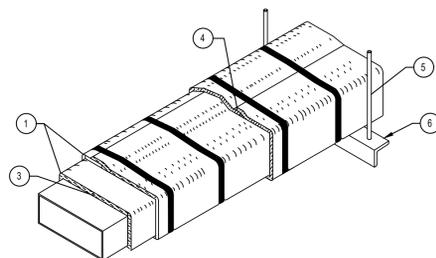
6 CONCENTRIC FLAT ROOF TERMINATION
NOT TO SCALE



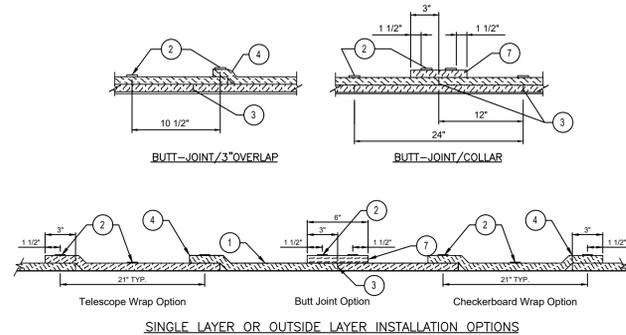
7 TYPICAL CONDENSATE TO GRADE DETAIL
NOT TO SCALE



9 KITCHEN HOOD SECTION DETAIL
NOT TO SCALE

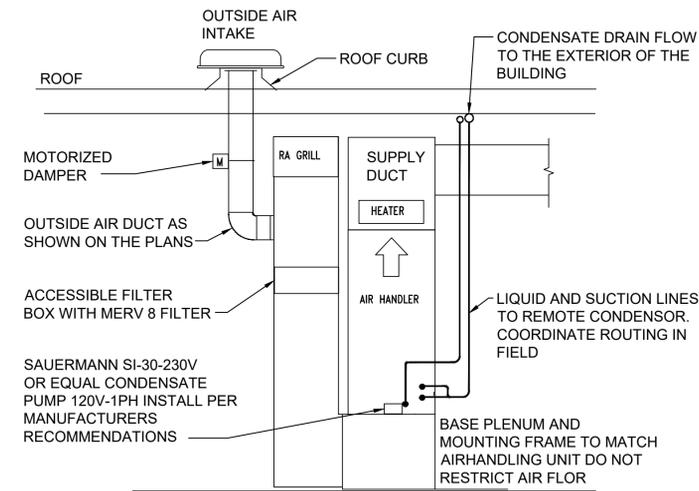


FYREWAP ELITE 1.5
Commercial Kitchen Grease Duct Enclosure System
Air Ventilation Duct Enclosure System
1 or 2 Hour Shaft Alternative / Zero Clearance to Combustibles



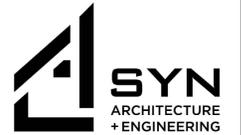
LEGEND	
1	Two Layers of FYREWAP ELITE 1.5 Blanket for Grease Duct Enclosures One Layer of FYREWAP ELITE 1.5 Blanket for Air Ventilation Duct Enclosures
2	Steel banding minimum 1/2" wide by 0.015" thick.
3	Tight butt joints on inner layer
4	Min. 3" overlap on perimeter and between adjacent blanket on outside layer
5	Min. 3/8" diameter hanger rod
6	Min. 2" x 2" x 1/8" angle for Grease Duct Enclosures Min. 1-1/2" x 1-1/2" x 1/8" angle or SMACNA Equivalent for Air Ventilation Duct Enclosures
7	Optional 6" Duct Wrap collar FOLLOW MANUFACTURER'S INSTALLATION DETAILS.

8 GREASE DUCT DETAIL
NOT TO SCALE



9 TYPICAL AIR HANDLING UNIT MOUNTING DETAIL
NOT TO SCALE

CONSULTANT:



admin@SYNamep.com

SEAL:



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AS SHOWN

SHEET TITLE:
DETAILS

SHEET #:
M500

HOOD INFORMATION

HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	TOTAL CFM	EXHAUST COLLAR(S)					SUPPLY MUA CFM	TOTAL WEIGHT LBS.	SECTION LOCATION
			LENGTH	WIDTH	HEIGHT				WIDTH	LENGTH	DIA.	CFM	S.P.			
1	MARK 1	GHEW-108-S	108	60	24	430 SS WHERE EXPOSED	HEAVY	2781			18	2781	0.544	2274	360	LEFT
2	MARK 1	GHEW-108-S	108	60	24	430 SS WHERE EXPOSED	HEAVY	2700			18	2700	0.512	2046	360	RIGHT

HOOD INFORMATION

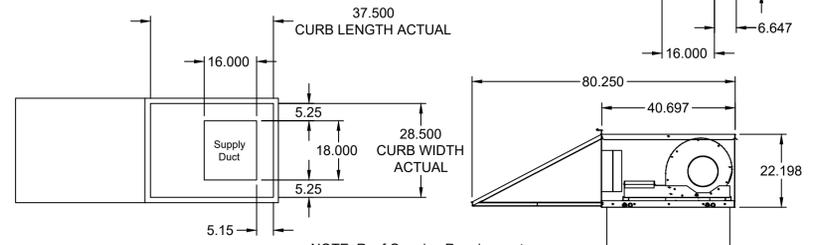
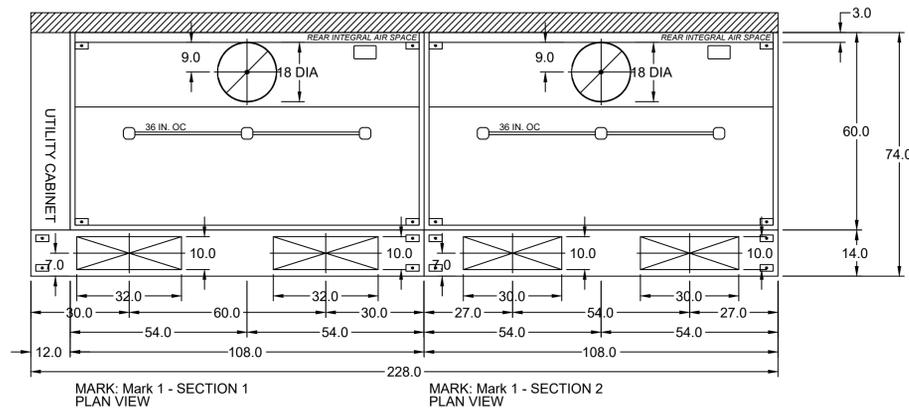
HOOD NO.	MARK	LIGHTING DETAILS			GREASE FILTRATION DETAILS			UTILITY CABINET(S)						
		FIXTURE TYPE	BULB / LAMP INFO	QTY	FOOT CANDLES	TYPE / MODEL	MATERIAL	QTY	SIZE (IN.)	LOCATION	FIRE SYSTEM TYPE	SIZE	MODEL	CONTROLS INTERFACE
1	MARK 1	INCANDESCENT (GLOBE)	100W A19 (BULBS NOT INCL.)	3	41.68	BAFFLE	STAINLESS STEEL	3	16	20	LEFT			
2	MARK 1	INCANDESCENT (GLOBE)	100W A19 (BULBS NOT INCL.)	3	41.68	BAFFLE	STAINLESS STEEL	3	16	20				

SUPPLY PLENUM INFORMATION

HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)			INSULATED	DAMPER(S)	LED LIGHT(S) SUPPLIED	TOTAL CFM	COLLARS								
				L	W	H					TYPE	MOUNTING	QTY	W	L	DIA.	CFM	S.P.	VEL.
1	MARK 1	FRONT	ASP	120	14	10	YES	NO	NO	2274	MUA	FACTORY	2	10	32	-	1137	0.23	512
2	MARK 1	FRONT	ASP	108	14	10	YES	NO	NO	2046	MUA	FACTORY	2	10	30	-	1023	0.23	491

HOOD OPTIONS

UL 710 LISTED WITH NO EXHAUST FIRE DAMPER - UL #MH11726
 BACK INTEGRAL AIR SPACE - 3 IN WIDE
 FINISHED BACK - FULL LENGTH
 18 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED
 FACTORY MOUNTED EXHAUST COLLAR(S)
 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



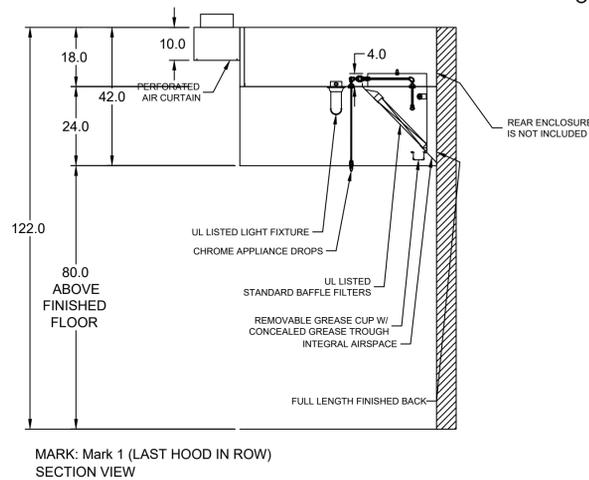
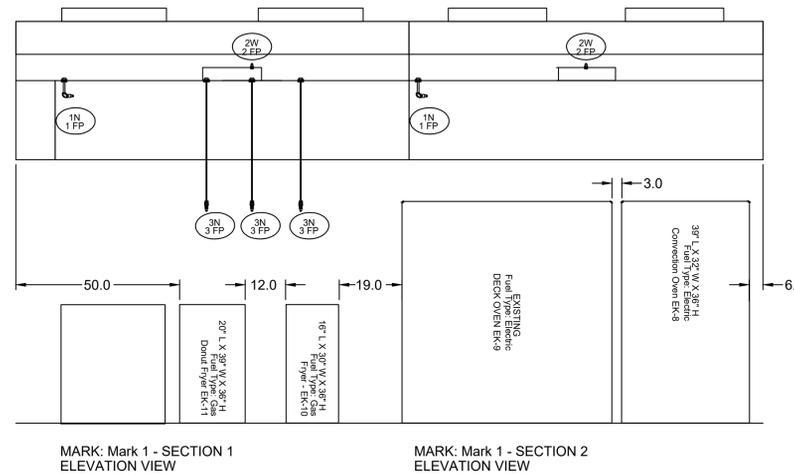
NOTE: Roof Opening Requirements:

Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides. For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.

Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb. For example: If the roof curb is 75 x 30 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square.

NOTE: The weatherhood and filter sections of the make-up air unit are not supported by the curb. This is by design, in order to help alleviate water infiltration issues.

ONE MAKE UP AIR FAN PER HOOD

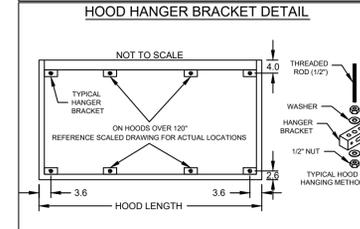
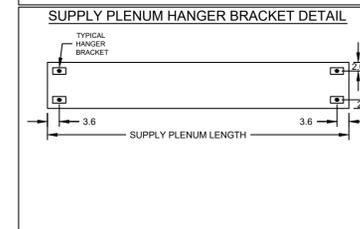
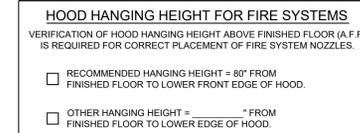
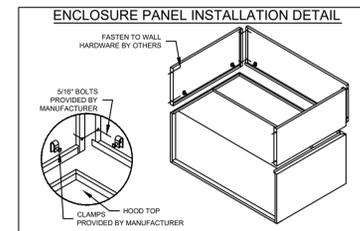
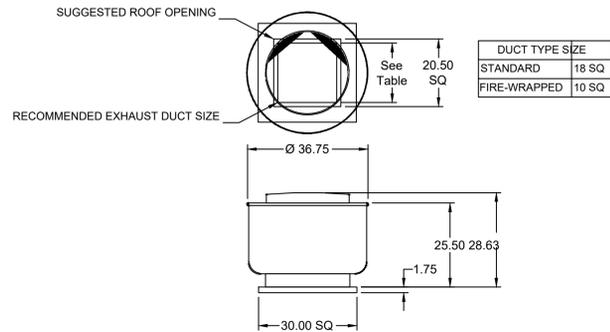


NOTE:

THIS DRAWING WAS PREPARED USING GREENHECK SOFTWARE AND DOES NOT REPRESENT A FINAL COOK HOOD DESIGN. THE CONTRACTOR MUST SECURE MANUFACTURERS CLASS I COOK HOOD DESIGN AND SHOP DRAWINGS BASED ON OWNER SUPPLIED COOKING APPLIANCES. THE PURPOSE OF THIS DRAWING IS TO SHOW AIR QUANTITIES FOR HVAC SYSTEM MAKE UP AIR AND AIR BALANCING. IT IS RECOMMENDED THAT SUPPLY EXHAUST CFM NOTED IN THE SCHEDULE ON THIS SHEET BE MAIN WITHOUT CHANGING THE AIR BALANCE FOR THE KITCHEN. PROVIDE APPROVED FIRE PROTECTION DRAWINGS. SUBMIT HOOD SHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO SUBMITTING FOR PERMIT.



Reviewed for Code Compliance Building & Permitting Services Dept



SM 16
 MARK 1
 TOURS DE JOUR WINTER PARK
 REV
 PROJECT 4/16/2022
 GREENHECK ENGINEER OFFICE
 (715)359-6171
 OPS@ASKRONALD.COM
 JOHN DOE
 GREENHECK ENGINEER OFFICE



CONSULTANT:



SEAL:



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DATE: _____ ISSUE: _____
 SCALE: AS SHOWN
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 DETAILS _____
 SHEET #: M501

AC SYSTEM MARK		ROOM NAME	TOTAL COOLING CAPACITY MBH	OUTDOOR			INDOOR			FAN SPEED RPM	FILTER	MIN EER/SEER	CFM	OA CFM	EST SP IN W.G.	MIN TONS	CU					AHU				SMOKE DETECT			MANUFACTURER			NOTES		
AHU	CU			AIR TEMP. DB/WB	AIR TEMP. DB HTG	GRAINS MOISTURE	AIR DB TEMP COOL	AIR DB TEMP HTG	RELATIVE HUMID								COMPR/EVAP(ELEC)	INDOOR FAN(ELEC)	HEATER(ELEC)	SA	RA	INDOOR UNIT	OUTDOOR UNIT	INTERCONNECT										
1	1	DINING	60.0	94/77	35	113.2	75	75	50%	1050	1"-30"	--/16	2000	700	0.6	5	1	25.0	2.8	34.0	50A	5	5	20A	208/1	13	--	208/1	X	X	CARRIER FESANF006	CARRIER 25HPB6		
2	2	KITCHEN	60.0	94/77	35	113.2	75	75	50%	1050	1"-30"	--/16	2000	700	0.6	5	1	25.0	2.8	34.0	50A	5	5	20A	208/1	13	--	208/1	X	X	CARRIER FESANF006	CARRIER 25HPB6		
3	3	DINING	60.0	94/77	35	113.2	75	75	50%	1050	1"-30"	--/16	2000	700	0.6	5	1	25.0	2.8	34.0	50A	5	5	20A	208/1	13	--	208/1	X	X	CARRIER FESANF006	CARRIER 25HPB6		
CSU		SALES	24.0	94/77	35	113.2	75	75	50%	--	--	--/19	--	--	--	2	1	--	--	18.1	30	--	--	208/1	20	--	--	--	--	LG LNU247HV				
CS-A		SALES	24.0	94/77	35	113.2	75	75	50%	--	--	--/19	450	100	--	--	--	--	--	--	1.5	3	20A	208/1	--	--	--	--	--		LG LCN247HV		POWERED FROM CONDENSER CSA	

EXHAUST FAN SCHEDULE

MARK	SERVES	CFM	VOLT/Ø	ESP	HP	RPM	FLA	MFG.	MODEL	WEIGHTS	NOTES
KEF-1	COOK HOOD	2781	208/1Ø	.50		---	---	GREENHECK	NOTED	NOTED	②
KEF-2	COOK HOOD	2700	208/1Ø	.50	1/25	1300	-	GREENHECK	NOTED	NOTED	②
EF-1	REST RM	100	120/1Ø	2.0	1	---	---	EXISTING	----	----	①
EF-2	REST RM	100	120/1Ø	2.0	1	---	---	EXISTING	----	----	①

- NOTE:
- INTERLOCK WITH LIGHTING CONTROL-FAN ON WHEN LIGHTS ARE ON
 - REFER TO MANUFACTURERS APPROVED COOK HOOD SHOP DRAWINGS
 - COOK HOOD 1 AND 2 START UP
 - AHU 1, 2 SHALL BE INTERLOCKED WITH BOTH HOODS TO COME ON WHEN COOK HOODS 1 AND 2 ARE ON.
 - COOK HOODS 1 AND 2 SHALL HAVE A COMMON ON/OFF CONTROL SO THAT BOTH HOODS RUN AT THE SAME TIME.

AIR DEVICE SCHEDULE

MARK	GRILL SIZE	NECK SIZE	MAX CFM	FUNCTION	STYLE	MATERIAL	FINISH	MFG	MODEL	REMARKS
SD1	12X4	N/A	TO 200	SUPPLY DIFFUSER	SIDE DIFFUSER	STEEL	WHITE	TITUS OR EQUAL	OMNI	NOTE 1
SD2	24X4	N/A	201-400	SUPPLY DIFFUSER	SIDE DIFFUSER	STEEL	WHITE	TITUS OR EQUAL	OMNI	NOTE 1
SD3	20X6	N/A	401-600	SUPPLY DIFFUSER	SIDE DIFFUSER	STEEL	WHITE	TITUS OR EQUAL	FL 20	NOTE 1,2
RA1	24"SQ	14"Ø	400-1000	RETURN GRILLE	PERFORATED	STEEL	WHITE	TITUS OR EQUAL	355	NOTE 1

- SCHEDULE NOTES:
- MAXIMUM NC LEVEL OF ALL DIFFUSERS SHALL BE NC35 UNLESS OTHERWISE NOTED.
 - ALL CEILING DIFFUSERS SHALL BE 4-WAY BLOW UNLESS OTHERWISE INDICATED WITH DIRECTION ARROWS ON DRAWINGS. ALL CEILING DIFFUSERS SHALL BE PROVIDED WITH FRAME AND BORDER SUITABLE FOR THE CEILING TYPE AS SPECIFIED
 - ON THE ARCHITECTURAL DOCUMENTS. AND SHALL MATCH THE EXISTING. MAXIMUM PRESSURE DROP ACROSS DIFFUSER SHALL NOT EXCEED 0.02 IN W.G., UNLESS OTHERWISE NOTED.
 - PROVIDE ALL MOUNTING ACCESSORIES COMPATIBLE WITH ASSOCIATED CEILING OR WALL ASSEMBLIES
 - EACH DIFFUSER BRANCH DUCT SHALL HAVE AN INDEPENDENT BALANCING DAMPER.
 - DO NOT BALANCE AT DIFFUSERS EXCEPT FOR FINAL ADJUSTMENTS AND FOR THROW AND PATTERN.

AIR BALANCE SCHEDULE

MARK	SUPPLY		RETURN	EXHAUST	REMARKS
	TOTAL	OA			
(E) AHU-1	2,000	600	1,400	-	DINING/SALES AREA
(E) AHU-2	2,000	600	1,400	-	KITCHEN AREA
(E) AHU-3	2,000	600	1,400	-	DINING
(E) CS-A	450	100	350	-	SALES
EF-1	-	-	-	100	RESTROOM
EF-2	-	-	-	100	RESTROOM
(E) KEF-1	-	-	-	2,781	KITCHEN HOOD
(E) KEF-2	-	-	-	2,700	KITCHEN HOOD
MUA-1	2,274	2,274	-	-	KITCHEN HOOD
MUA-2	2,046	2,046	-	-	KITCHEN HOOD
(E) RTU-1	2,500	450	1,750	-	KITCHEN
TOTALS	13,270	6,370	4,550	5,681	

OVERALL RESTAURANT IS POSITIVELY PRESSURIZED BUT KITCHEN IS NEGATIVELY PRESSURIZED.

VENTILATION RATE SCHEDULE

ROOM	Description (RTU-1)	Area Ft2 Az	Area Outdoor Air Rate Per IMC Table	Area Outdoor RaAz	Occupant Load Rate Per IMC Table	Occupancy Cx/F/1000=(Pz)	Occupant Outdoor Air Rate Per Table	Occupant Outdoor Air RpPz	Breathing Zone Outdoor Air (Vbz= RpPz + RaAz)	Zone Air Distribution Effectiveness (Ez)	Zone Outdoor Air (Voz= Vbz/ Ez)	Supplied Outdoor Air	Supply Air Design (Vpz)	Exhaust Air Design (Vpz)	Outdoor Air Fraction (Zp= Voz/ Vpz)	
SALE AREA	DINING ROOM	133	0.18	24	70	10	7.5	75	99	0.8	124	250	950		0.13	
DINING AREA	DINING ROOM	994	0.18	179	70	70	7.5	525	704	0.8	880	945	3150		0.28	
KITCHEN	KITCHEN	1033	0.12	124	20	21	7.5	158	281	0.8	352	1050	4500	310	0.08	
CORRIDORI & 2	CORRIDOR	474	0.06	28	0	0	0	0	28	0.8	36	60	200		0.18	
RESTROOM 1	RESTROOM	51	0	0	0	0	0	0	0	0.8	0	23	75	100	0.00	
RESTROOM 2	RESTROOM	62	0	0	0	0	0	0	0	0.8	0	23	75	100	0.00	
Totals		2747				101			1113		1391	2350	8950	510		
		Supply Air		8950	Required OA		1391	Supplied OA		2350						
		Percentage of Supplied Outdoor Air					Percentage of outdoor Air									
		26.26%					15.54%									

EXISTING ROOF TOP UNIT

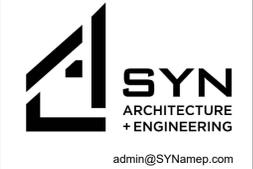
UNIT	BASIS OF DESIGN	NOMINAL TONS	AIRFLOW (CFM)	OUTSIDE AIR (CFM)	EAT (F)		LAT (F)		COOLING NET (MBH)	HEATING INPUT AMPS		ELECTRICAL V/PH/HZ				WEIGHT (LBS.)		
					DB	WB	DB	WB		EER	KW	MAX FUSE BREAKER	MCA	MOP				
(E) RTU-1	TEMPMASTER XT-05CE07A2A1AAA1A1	5	2,500	2,500	85	76	65	64.5	59	7 KW	15.5	208/3/60	11.8	-	35	28.7	-	1318

- NOTES:
- VFD AND HOA IN NEMA 4R
 - MERV 13 FILTER
 - EXISTING AIR ECONOMIZER
 - UP TO 100% OUTSIDE AIR CAPABILITY.



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CONSULTANT:



SEAL:



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PROJECT NAME:
TOUS LES JOURS
NEW TENANT FIT OUT

PROJECT ADDRESS:
1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE: 06/21/23
ISSUE: REV.1
07/11/23
REV.2
08/25/23
CONSTRUCTION

SCALE:

AS SHOWN

SHEET TITLE:

SCHEDULES

SHEET #:

M700

PLUMBING SPECIFICATIONS

GENERAL
A. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL CODES, ORDINANCES AND STANDARDS OF THE LOCAL JURISDICTION. IN CASE OF A CONFLICT BETWEEN DRAWINGS OR SPECIFICATIONS AND THE REQUIREMENTS OF THE LOCAL JURISDICTION, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

B. ALL WORK SHALL BE GUARANTEED AGAINST DEFECTS, LEAKS, LACK OF PROPER SYSTEM PERFORMANCE OR NON-OPERATION FOR A PERIOD OF ONE YEAR AFTER DATE OF ACCEPTANCE.

C. ALL WORK SHALL BE COORDINATED WITH ALL TRADES, PRIOR TO INSTALLATION.

D. IN GENERAL, DRAWINGS FOR THE WORK ARE DIAGRAMMATIC AND SHOW THE LOCATION, TYPE AND SIZE OF PIPING, EQUIPMENT, AND ACCESSORY EQUIPMENT. THE CONTRACTOR SHALL FURNISH ALL ITEMS NECESSARY FOR THE PROPER INSTALLATION AND OPERATION OF THE WORK, WHETHER CALLED FOR OR NOT. THE CONTRACTOR SHALL VERIFY ALL NECESSARY DIMENSIONS BEFORE INSTALLING ANY OF THE WORK AND SHALL CHECK HIS LAYOUTS TO ALLOW CLEARANCE REQUIRED FOR OTHER WORK. THE SCOPE OF WORK CONSISTS GENERALLY OF PROVIDING AND INSTALLING COMPLETE PLUMBING AND GAS SYSTEMS AND FINAL TESTING OF ALL SYSTEMS AND EQUIPMENT AS REQUIRED.

PRODUCTS

A. PLUMBING FIXTURES: ALL FIXTURES SHALL BE SELECTED BY OWNER. PROVIDE ALL FIXTURES WITH TRIM, CARRIER SUPPLIES, AND TRAPS AS REQUIRED FOR COMPLETE INSTALLATION.

B. PIPING AND FITTING:

1. DOMESTIC WATER: ABOVE GRADE SHALL BE TYPE "L" HARD DRAWN COPPER TUBING WITH 125 PSI WROUGHT COPPER SWEAT FITTINGS, AND ALL JOINT SOLDERED WITH 95/5 OR SILVER SOLDER. BELOW GRADE SHALL BE TYPE "K" SOFT DRAWN COPPER TUBING WITH 125 PSI WROUGHT COPPER SWEAT FITTINGS SOLDERED WITH SILVER SOLDER.

2. SOIL, WASTE AND VENT: ABOVE GRADE SHALL BE: SERVICE WEIGHT CAST IRON BELL AND SPIGOT, SCHEDULE 40 GALVANIZED STEEL PIPE WITH SWEAT, CAST IRON DRAINAGE PATTERN FITTINGS, CAST IRON NO-HUB PIPING AND FITTINGS, DWV COPPER TUBING AND COPPER DRAINAGE PATTERN FITTINGS, SCHEDULE 40 PVC PLASTIC PIPE AND PVC-DWV FITTING. (SHALL NOT BE USED IN PLENUM SPACES.) BELOW GRADE SHALL BE: SERVICE WEIGHT CAST IRON BELL AND SPIGOT. SOIL, WASTE AND VENT STACKS SHALL BE SERVICE WEIGHT CAST IRON BELL AND SPIGOT.

3. NATURAL GAS: SHALL BE SCHEDULE 40 BLACK STEEL 40 PIPE, WITH MALLEABLE SCREWED 150 PSI FITTINGS.

C. INSULATION:

1. DOMESTIC WATER PIPING: COVER ALL WITH 1/2" FIBERGLASS INSULATION SECURED WITH ALL PURPOSE JACKET. PIPING IN EXTERIOR WALLS AND PLUMBING CHASES SHALL BE COVERED WITH 1" THICK INSULATION.

2. STORM WATER PIPING: THE HORIZONTAL PART OF THE RAIN LEADERS, RISER TO AND INCLUDING THE INTERIOR PART OF THE ROOF DRAIN SHALL BE COVERED WITH 1" THICK INSULATION.

D. VALVES:

1. DOMESTIC WATER: ALL VALVES SHALL BE SWEATED BRONZE GATE VALVE WITH SCREW-IN BONNET, RISING STEM MINIMUM RATING OF 125 PSI. TWO PIECES BALL VALVES WITH EXTENDED HANDLE MAY BE USED IN LIEU OF THE GATE VALVES.

2. GAS VALVES: SHALL BE OF THE APPROVED TYPE WITH AGA LABEL AND SHALL BE INSTALLED AS REQUIRED. GAS VALVES SHALL NOT BE LOCATED IN PLENUM SPACES.

E. HANGERS: SHALL BE ADJUSTABLE CLEVIS HANGERS, PROPERLY SIZED AND SPACED FOR PIPING, INCLUDING INSULATION.

EXECUTION

A. INSTALL FIXTURES LEVEL, PLUMB AND PARALLEL TO WALLS. ALL EXPOSED METAL PARTS SHALL BE CHROME PLATED AND SHOW NO TOOL MARKS. GROUT BETWEEN WALL HUNG FIXTURES AND WALL. PROVIDE ACCESS PANELS TO ALL CONCEALED SUPPLY STOPS AND TRAP.

B. FIXTURES DESIGNATED FOR USE BY PHYSICALLY HANDICAPPED PEOPLE SHALL BE IN ACCORDANCE WITH ANSI A 117.1.

C. INSTALL DIELECTRIC CONNECTION BETWEEN DISSIMILAR METALS, PIPE TO PIPE, PIPE TO EQUIPMENT, PIPE TO SUPPORT.

D. FURNISH AND INSTALL JOSAM 75000 SERIES SHOCK ARRESTERS AT THE ENDS OF ALL HOT AND COLD WATER BRANCHES TO FIXTURES. SIZES SHALL BE IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.1

PLUMBING NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE BUILDING CODE, LOCAL REQUIREMENTS AND THE PROJECT SPECIFICATIONS.
- ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES.
- ALL DRAINAGE PIPING SHALL BE RUN AT A SLOPE OF 1/4" PER FOOT UNLESS SPECIFICALLY SHOWN OTHERWISE ON DRAWINGS.
- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMISSION OF BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
- ALL HOT AND COLD WATER SUPPLY PIPING SHALL BE INSULATED.
- PROVIDE AND INSTALL CLEAN-OUTS IN DRAINAGE PIPING AT EACH CHANGE IN DIRECTION OF PIPING GREATER THAN 45 DEGREES, EVERY 50 FEET, AND AS SHOWN.

PLUMBING LEGEND

	GAS SHUT OFF VALVE
	GAS PIPING
	PIPE UNION
	REGULATOR
	PIPE UP
	PIPE DOWN
DN	DOWN
GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
PSI	POUND PER SQUARE INCH
TYP	TYPICAL
V	VENT
VTR	VENT THRU ROOF

WATER HEATER SCHEDULE - ELECTRICAL

MARK	AREA SERVED	STORAGE (GALLON)	90° RECOVERY			ELECTRIC				BASIS OF DESIGN
			GPH	EWT	LWT	INPUT (KW)	AMPS	WATTS	V/PH/HZ	
EK-12	KITCHEN	38	21	50	140	4.5	18.7	4,500	240/1/60	MANUFACTURE: RHEEM MODEL#: XE38S06ST45U1
WH-2 & 3	RESTROOM	-	-	50	120	6	25	-	220/1/60	MANUFACTURE: RHEEM MODEL#: RTEX-06

GREASE TRAP CALCULATION

CALCULATIONS BASED ON INTERNATIONAL PLUMBING CODE & PDI SIZING METHOD			
FIXTURE	DFUs	FIXTURE QUANTITY	TOTALS DFU
3 COMPARTMENT SINK (EK-3)	6 DFU	1	26 DFU
1 COMPARTMENT SINK (P-6)	3 DFU	1	
MOP SINK (EK-3)	2 DFU	1	
HAND SINK (EK-2)	1 DFU	3	
FLOOR DRAIN. (F.D)	2 DFU	2	
REQUIRED CAPACITY OF GRAVITY GREASE INTERCEPTOR			
SELECTED SIZE PER OWNER'S REQUEST			750 GALLON

BACKFLOW PREVENTER SCHEDULE

MARK	QUANTITY	ASSE NUMBER	MANUFACTURE MODEL	LOCATION
BFP-1	1	1024	WATTS LFH7	ICE MACHINE
BFP-2	1	1022	WATTS SD3	COFFEE MACHINE, BREWER, & WATER DISPENSER

PLUMBING FIXTURE CALCULATION

CLASSIFICATION : RESTAURANT - A2
 NEW OCCUPANCY LOAD = 59 (MALE 30 & FEMALE 30) URINALS: NOT REQUIRED
 WATER CLOSETS: 1 PER 75 PEOPLE DRINKING FOUNTAIN : 1 PER 500
 MALE = 30 X 1/75 = 0.4 --> 1 WATER CLOSET PER VPC 410.4 SUBSTITUTION, DRINKING WATER IN A CONTAINER WILL BE PROVIDED FREE OF CHARGE
 FEMALE = 30 X 1/75 = 0.4 --> 1 WATER CLOSET
 LAVATORIES: 1 PER 200 PEOPLE NO DRINKING FOUNTAIN REQUIRED
 MALE = 30 X 1/200 = 0.15 --> 1 LAVATORY SERVICE SINK: 1 SERVICE SINK REQUIRED.
 FEMALE = 30 X 1/200 = 0.15 --> 1 LAVATORY

NOTES:
 WATER CLOSETS, LAVATORIES, AND DRINKING FOUNTAINS ARE PROVIDED BY THE SUPERMARKET. TOUS LES JOURS PROVIDES SERVICE SINK IN THE KITCHEN. (THE OCCUPANT LOAD OF TOUS LES JOURS IS INCLUDED IN THE SUPERMARKET OCCUPANT LOAD)
 SUPERMARKET: USE GROUP = M, OCCUPANCY = 710 (MALE:360, FEMALE:360)

EXISTING GREASE TRAP SCHEDULE

MARK	LOCATION	SIZE	LIQUID HOLDING CAP.	GREASE CAPACITY POUNDS	PROTOTYPE MODEL	REMARKS
(E) GT-1	OUTSIDE	750	750	3780	ROCKFORD RGI-750	EXISTING GREASE TRAP

WATER FILTER

MARK	QUANTITY	GPH	MANUFACTURE MODEL
WF-1	1	24	LIVING WATER SO CAL C700

EXISTING FIXTURE (PROVIDED BY SUPERMARKET)

FIXTURE	MALE	FEMALE
WATER CLOSET	1	1
LAVATORIES	1	1
SERVICE SINK	1	

PLUMBING FIXTURE SCHEDULE

ITEM	FIXTURE (DESCRIPTION)	FIXTURE UNITS		CONNECTION PIPE SIZE (INCHES)					REMARKS
		WATER (WSFU)	DRAIN (DFU)	C.W.	H.W.	T.W.	DRAIN	VENT	
EK-2	HAND SINK	2	1	1/2	1/2	YES	1-1/2	1-1/2	GSW/HS-1217S
EH-1	HAND SINK	2	1	1/2	1/2	YES	1-1/2	1-1/2	GSW/HS-1217S
EH-2	HAND SINK	2	1	1/2	1/2	YES	1-1/2	1-1/2	GSW/HS-1615IHG
EH-5	DROP IN DUMP SINK	2	2	1/2	1/2	-	2	N/A	REGENCY 600DI12012
EH-4	COFFEE MACHINE	-	-	3/8	-	-	1-1/2	N/A	EVERSYS - E'4S
EH-8	SPRAY RINSER	-	-	3/8	-	-	1-1/2	N/A	RHINO -600MM-SPINJET
EH-9	BREWER	-	-	3/8	-	-	N/A	N/A	FETCO - XTS 2132
EH-14	BLENDER RINSER	-	-	1/2	-	-	Y	N/A	BLENDTEC JRE-612
EH-16	DIPPER WELL BOWL WITH FAUCET	-	-	3/8	-	-	1-1/2		REGENCY - 600DWRND
EK-3	3 COMPARTMENT SINK	6	2	3/4	3/4	-	2	N/A	GSW/HS - SEE18183D 90X24X36
EK-4	ICE MAKER WITH BIN	-	-	3/8	-	-	3/4	N/A	HOSHIZAKI - KM-520MAJ HOSHIZAKI - B-300PF
EK-14	MOP SINK	3	2	3/4	3/4	-	3	1-1/2	GSW - SE2424FM
FS	FLOOR SINK	-	-	-	-	-	3	1-1/2	JAY R SMITH 3002-DBS-P050
FD	FLOOR DRAIN	-	6	-	-	-	3	1-1/2	JAY R. SMITH 2005-P050-AHP
TD	TRENCH DRAIN	-	2	-	-	-	3	1-1/2	ZURN Z883-BDC 6" X 40" LONG TRENCH DRAIN

NOTE: 1. SET TEMPERING VALVE AT 105° F. VALVES SHALL MEET ASSE 1070.
 2. PROVIDE CARRIER AND FITTINGS AS RECOMMENDED BY MANUFACTURER.
 3. COMPLY WITH ANSI A117.1 FOR ACCESSIBLE FIXTURE'S MOUNTING HEIGHTS.



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 Building & Permitting Services Dept

CONSULTANT:



admin@SYNamep.com

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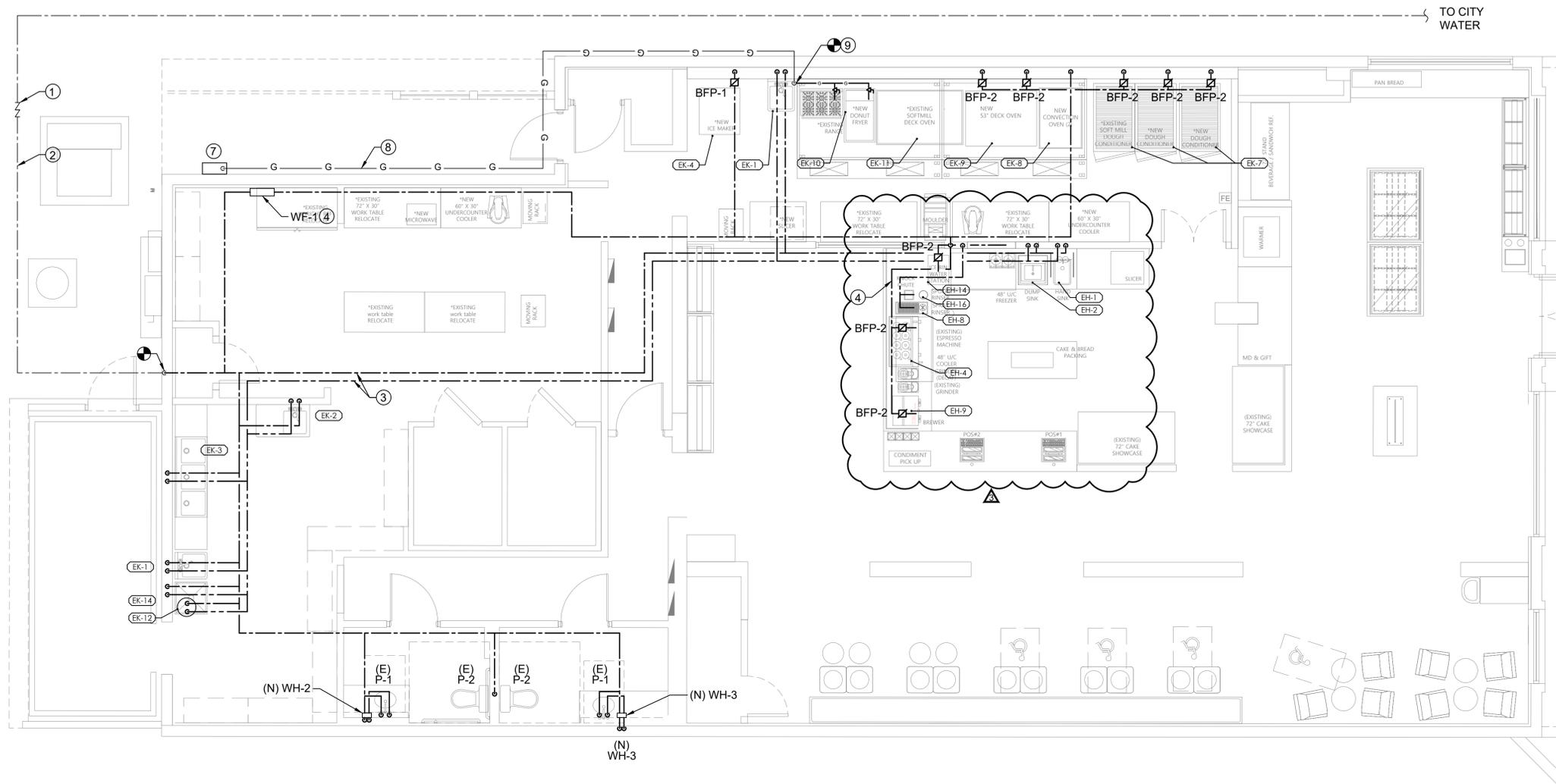
PROJECT NAME:
TOUS LES JOURS
 NEW TENANT FIT OUT
 PROJECT ADDRESS:
1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE: ISSUE:

SCALE:
 AS SHOWN

SHEET TITLE:
 GENERAL NOTES,
 SYMBOLS, &
 ABBREVIATIONS

SHEET #:
P001



GENERAL NOTES:

1. PROVIDE THE LABOR AND MATERIALS NECESSARY TO CUT THE CONCRETE SLAB, AND EXCAVATION AS NECESSARY TO LOCATE THE NEW SANITARY PIPING INCLUDE THE LABOR AND MATERIALS TO COMPACT THE GROUND, BACKFILL WITH GRAVEL AND PREPARE FOR CONCRETE AND POURING OF NEW CONCRETE ONCE THE NEW SANITARY PIPING AND/OR TRAP PRIMER WATER PIPING IS INSTALLED. COORDINATE THE LIMITS OF EXCAVATION AND CONCRETE FLOOR WITH THE LOCATION OF NEW PLUMBING FIXTURES AND THE ARCHITECTURAL DOCUMENTS.
2. CONTRACTOR TO VERIFY THE EXACT LOCATION OF THE EXISTING PIPES AND COORDINATE FOR ANY DISCREPANCIES WITH THE ENGINEER.
3. REFER TO THE RISER DIAGRAM FOR PIPE SIZES, CONNECTIONS, AND DETAILS.

2 FLOOR PLAN - NEW WORK
SCALE: 1/4" = 1' - 0"

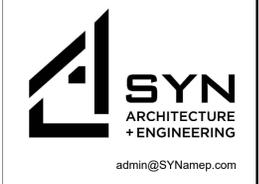
KEYED NOTE:

- 1 EXISTING BACKFLOW PREVENTOR VALVE.
- 2 EXISTING INCOMING DOMESTIC WATER PIPING.
- 3 NEW DOMESTIC WATER PIPING ABOVE CEILING. CONNECT TO THE NEAREST EXISTING DOMESTIC PIPING.
- 4 FILTRATION SYSTEM.
- 5 FILTERED WATER UNDER COUNTERTOP. REFER TO THE DOMESTIC WATER RISER DIAGRAM FOR CONNECTIONS, PIPE SIZES, DETAILS, AND ANY REQUIREMENTS.
- 6 WATER HEATER ABOVE MOP SINK
- 7 EXISTING GAS METER
- 8 EXISTING GAS PIPING OUTSIDE.
- 9 NEW GAS PIPING. CONNECT TO THE INDICATED AREA



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06/21/23	REV.1	▲
07/11/23	REV.2	▲
08/25/23	CONSTRUCTION	▲

SCALE:

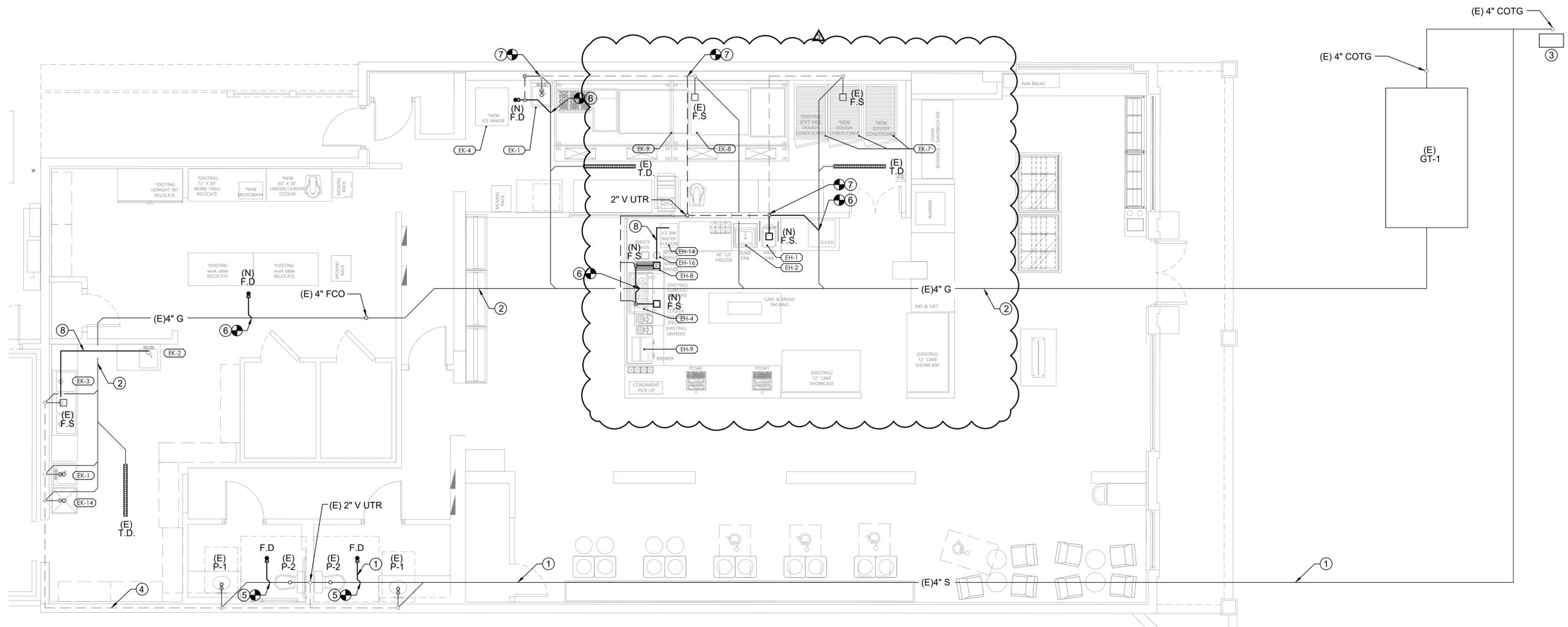
AS SHOWN

SHEET TITLE:

DOMESTIC WATER &
NATURAL GAS PLAN

SHEET #:

P100



1 FLOOR PLAN - NEW WORK
SCALE: 1/4" = 1' - 0"

KEYED NOTE:

- ① EXISTING SANITARY WATER PIPING UNDER FLOOR.
- ② EXISTING GREASE WASTE PIPING UNDER FLOOR.
- ③ EXISTING WATER SERVICE OUTSIDE.
- ④ EXISTING VENT PIPING ABOVE CEILING.
- ⑤ NEW SANITARY WATER PIPING UNDER FLOOR. CONNECT TO THE NEAREST EXISTING SANITARY PIPING.
- ⑥ NEW GREASE PIPING UNDER FLOOR. CONNECT TO THE NEAREST EXISTING GREASE WASTE PIPING.
- ⑦ NEW VENT PIPING ABOVE CEILING. CONNECT TO THE NEAREST EXISTING VENT PIPING.
- ⑧ NEW INDIRECT GREASE WASTE PIPE TO THE NEAREST FLOOR SINK. PROVIDE AIR GAP.

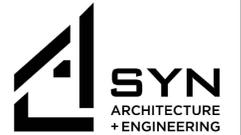
GENERAL NOTES:

1. PROVIDE THE LABOR AND MATERIALS NECESSARY TO CUT THE CONCRETE SLAB, AND EXCAVATION AS NECESSARY TO LOCATE THE NEW SANITARY PIPING INCLUDE THE LABOR AND MATERIALS TO COMPACT THE GROUND, BACKFILL WITH GRAVEL AND PREPARE FOR CONCRETE AND POURING OF NEW CONCRETE ONCE THE NEW SANITARY PIPING AND/OR TRAP PRIMER WATER PIPING IS INSTALLED. COORDINATE THE LIMITS OF EXCAVATION AND CONCRETE FLOOR WITH THE LOCATION OF NEW PLUMBING FIXTURES AND THE ARCHITECTURAL DOCUMENTS.
2. CONTRACTOR TO VERIFY THE EXACT LOCATION OF THE EXISTING PIPES AND COORDINATE FOR ANY DISCREPANCIES WITH THE ENGINEER.
3. REFER TO THE RISER DIAGRAM FOR PIPE SIZES, CONNECTIONS, AND DETAILS.



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CONSULTANT:



admin@SYNamep.com

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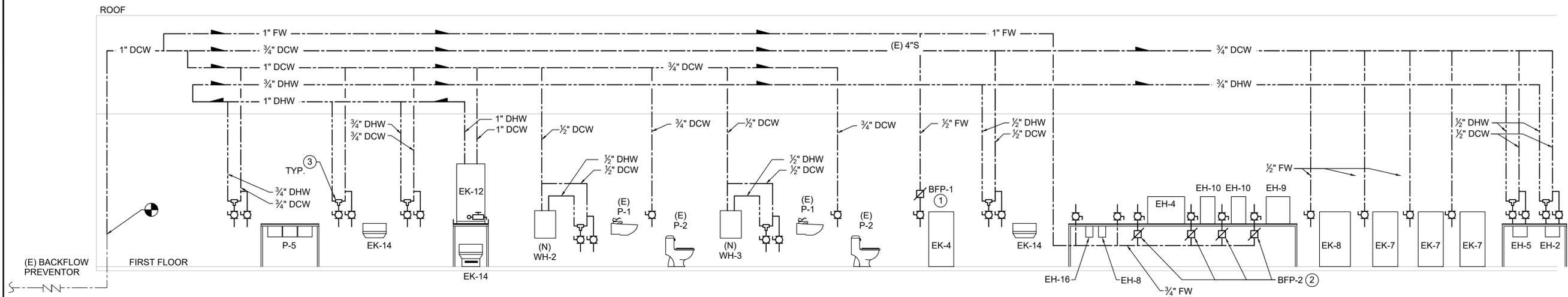
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SHEET TITLE:

SANITARY PIPING PLAN

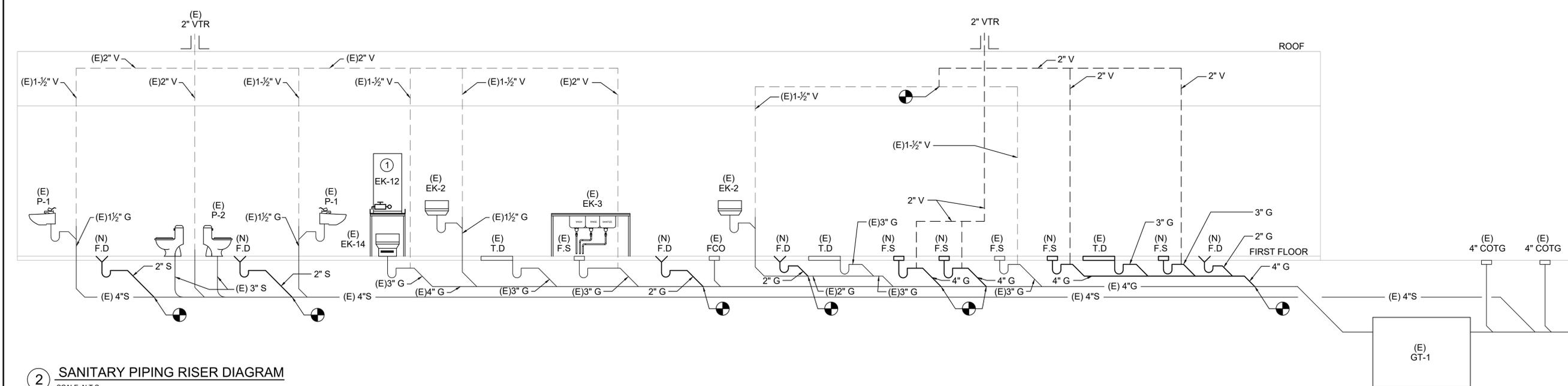
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P101

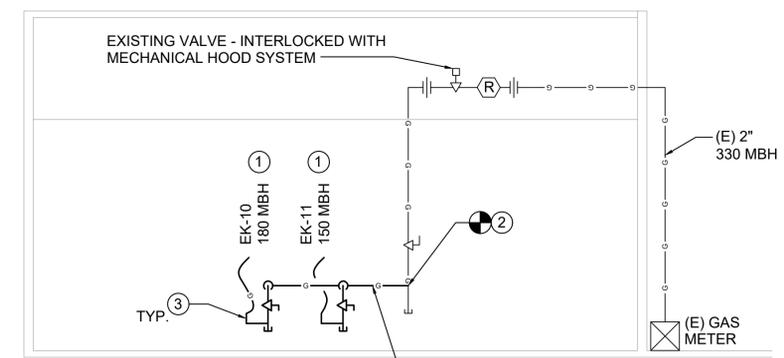


1 DOMESTIC WATER RISER DIAGRAM
SCALE: N.T.S

- KEYED NOTES:
- 1 BFP-1 WATTS SERIES LFH7 (ASSE 1024)
 - 2 BFP-2 WATTS SERIES SD3 (ASSE 1022)
 - 3 MIXING VALVE: WATTS 1070 (ASSE 1070)



2 SANITARY PIPING RISER DIAGRAM
SCALE: N.T.S



3 GAS PIPING RISER DIAGRAM
SCALE: 1/4" = 1'-0"

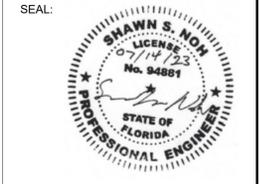
INTERNATIONAL FUEL GAS CODE (2018) GAS SIZING CHART TABLE 402.4 (2) LESS THAN 2.0 PSI (SCHEDULE 40 METALLIC PIPE)
LESS THAN 2 PSI PRESSURE DROP - 0.5 IN W.C. 0.60 SPECIFIC GRAVITY
TOTAL DEVELOPED LENGTH = 54' - 0" TOTAL CONNECTED LOAD = 330 MBH

- NATURAL GAS PLAN - NEW WORK NOTE:**
1. INSTALL APPLIANCE AND REQUIRED REGULATOR ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 2. CONNECT NEW GAS PIPING TO THE LOCATION WHERE INDICATED. COORDINATE EXACT LOCATION IN THE FIELD.
 3. DORMONT FLEXIBLE HOSE CONNECTION TO EQUIPMENT.



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CONSULTANT:
SYN
ARCHITECTURE
+ ENGINEERING
admin@SYNamep.com



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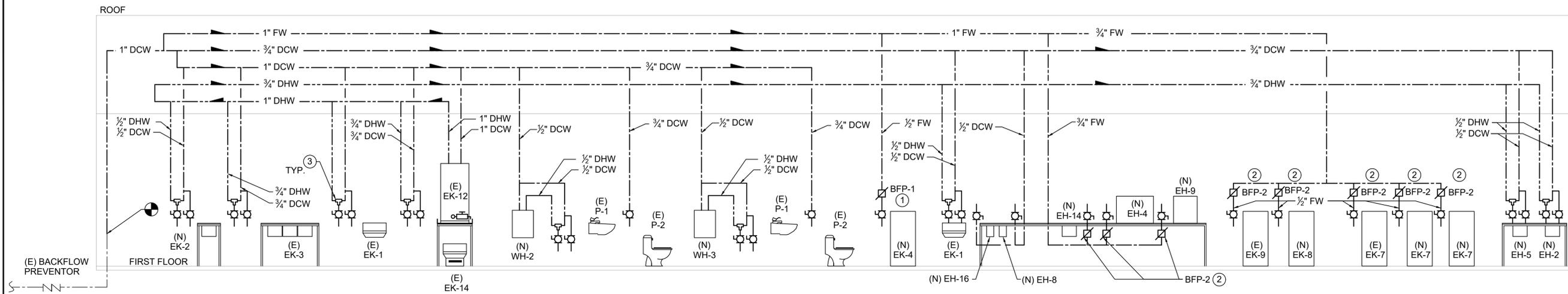
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DATE: _____ ISSUE: _____

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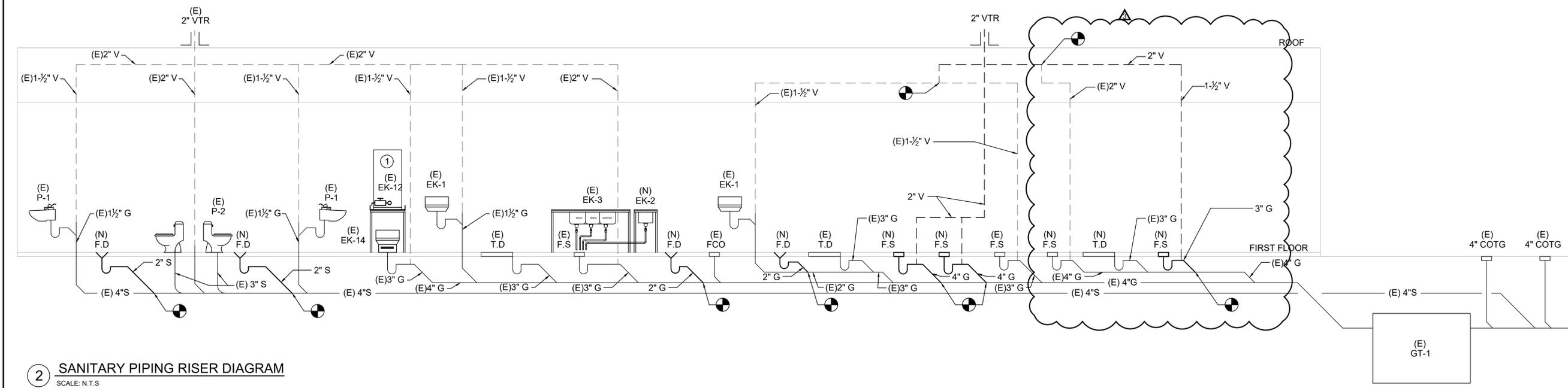
SHEET TITLE:
FLOOR PLAN
GAS PIPING

SHEET #:
P102

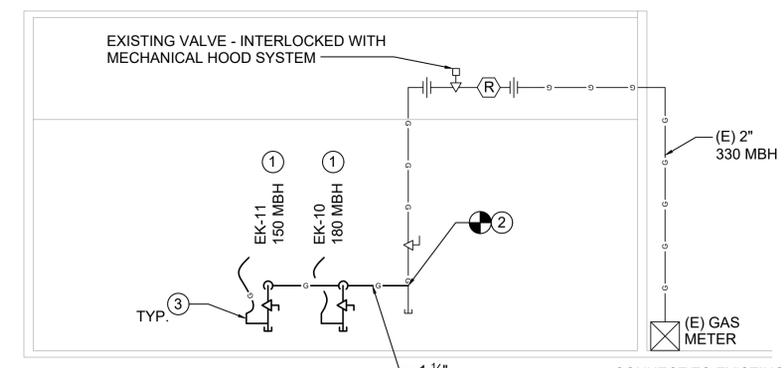


1 DOMESTIC WATER RISER DIAGRAM
SCALE: N.T.S

- KEYED NOTES:
- ① BFP-1 WATTS SERIES LFH7 (ASSE 1024)
 - ② BFP-2 WATTS SERIES SD3 (ASSE 1022)
 - ③ MIXING VALVE: WATTS 1070 (ASSE 1070)



2 SANITARY PIPING RISER DIAGRAM
SCALE: N.T.S



3 GAS PIPING RISER DIAGRAM
SCALE: 1/4" = 1'-0"

INTERNATIONAL FUEL GAS CODE (2018) GAS SIZING CHART TABLE. 402.4 (2) LESS THAN 2.0 PSI (SCHEDULE 40 METALLIC PIPE)
LESS THAN 2 PSI PRESSURE DROP - 0.5 IN W.C. 0.60 SPECIFIC GRAVITY
TOTAL DEVELOPED LENGTH = 54' - 0" TOTAL CONNECTED LOAD = 330 MBH

- NATURAL GAS PLAN - NEW WORK NOTE:**
1. INSTALL APPLIANCE AND REQUIRED REGULATOR ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 2. CONNECT NEW GAS PIPING TO THE LOCATION WHERE INDICATED. COORDINATE EXACT LOCATION IN THE FIELD.
 3. DORMONT FLEXIBLE HOSE CONNECTION TO EQUIPMENT.



Reviewed for Code Compliance
Building & Permitting Services Dept

CONSULTANT:

admin@SYNnamep.com



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PROJECT NAME:
TOUS LES JOURS
NEW TENANT FIT OUT

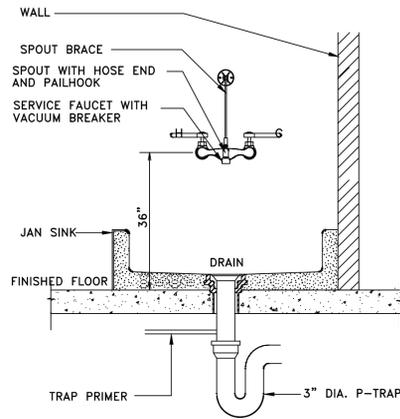
PROJECT ADDRESS:
1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE:	ISSUE:	△
06/21/23	REV.1	△
07/11/23	REV.2	△
08/25/23	CONSTRUCTION	△

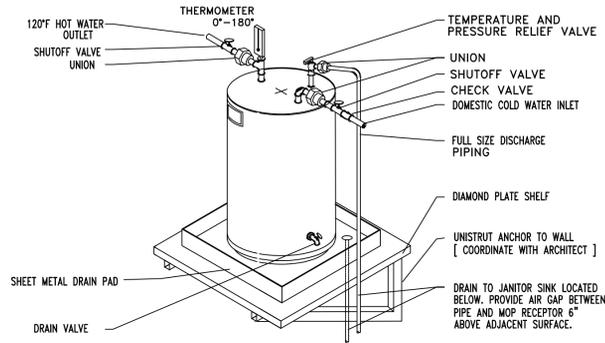
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SHEET TITLE:
RISER DIAGRAMS

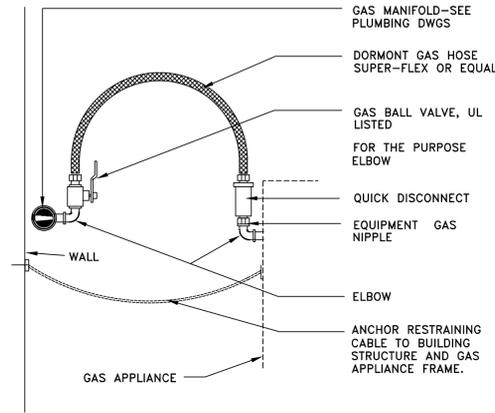
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P400



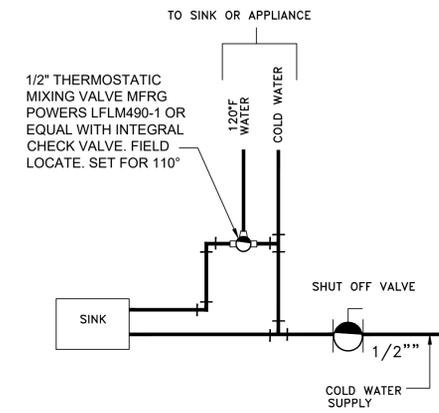
1 TYPICAL EXISTING MOP SINK DETAIL
SCALE: NTS



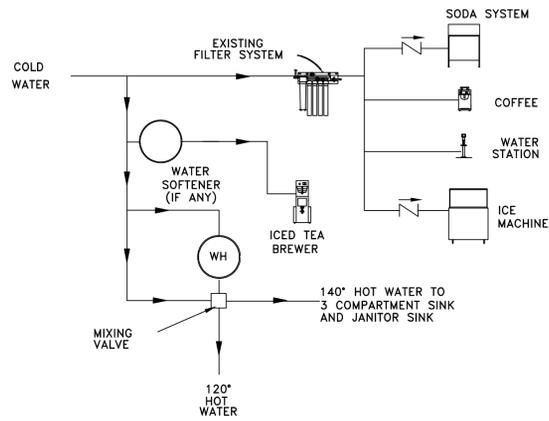
2 WATER HEATER MOUNTING DETAIL
SCALE: NTS



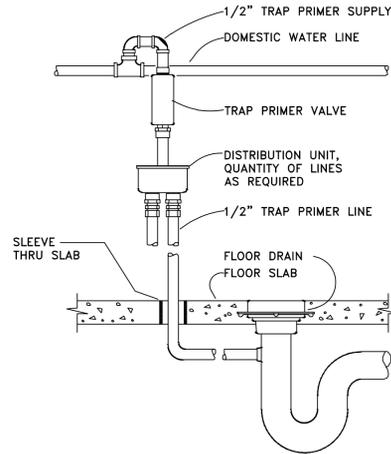
3 TYPICAL GAS QUICK DISCONNECT DETAIL
SCALE: NTS



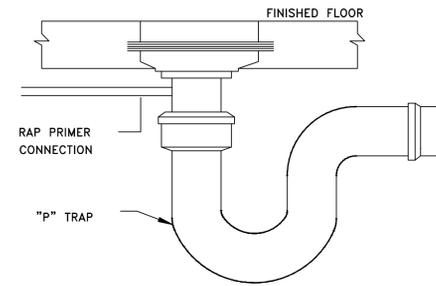
4 TYP. POINT OF WATER HEATER PIPING DIAGRAM
SCALE: NTS



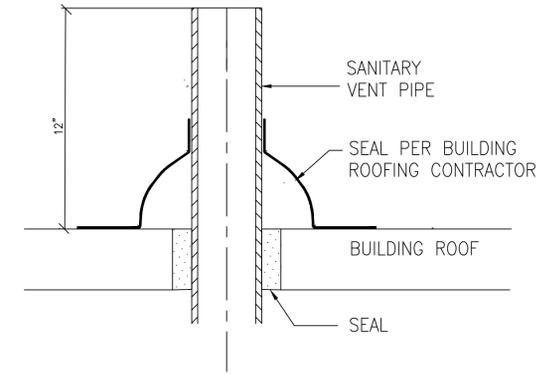
5 TYP. SOFT & FILTER WATER BLOCK DIAGRAM
SCALE: NTS



6 TYP. TRAP PRIMER CONNECTION DIAGRAM
SCALE: NTS

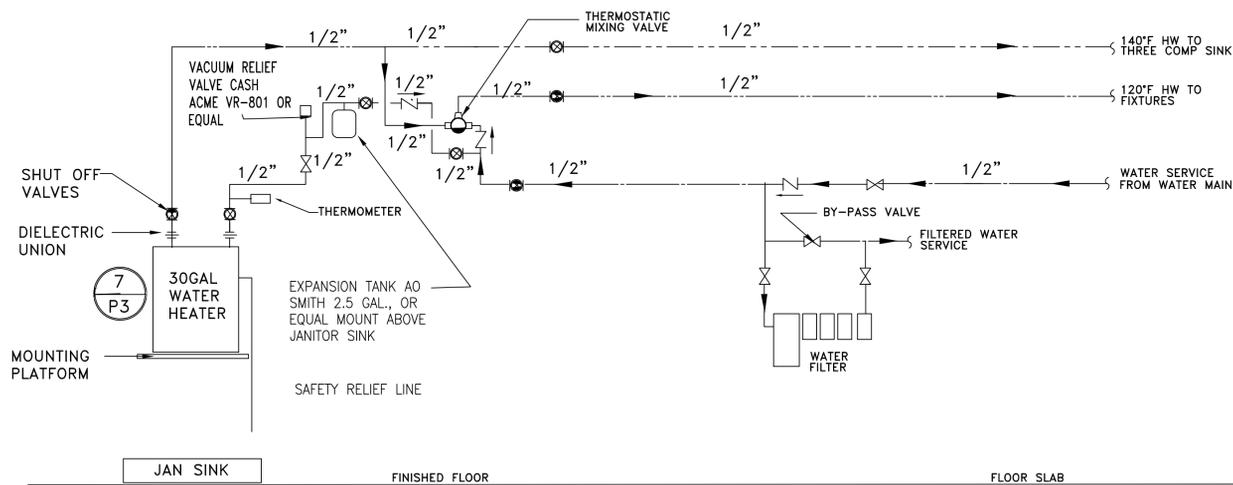


7 TYP. FLOOR DRAIN DETAIL WITH TRAP PRIMER
SCALE: NTS



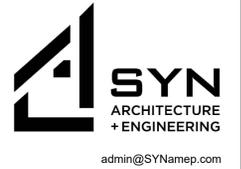
NOTE:
VERIFY ROOF SURFACE AND SEAL PIPE AS RECOMMENDED BY ROOFER

8 SANITARY VENT
SCALE: NTS



9 WATER HEATER PIPING DIAGRAM
SCALE: NTS

CONSULTANT:



SEAL:



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DATE: ISSUE: Δ

SCALE:
AS SHOWN

SHEET TITLE:
DETAILS

SHEET #:
P500

GENERAL ELECTRICAL NOTES

- ALL ELECTRICAL MATERIALS AND EQUIPMENT INSTALLED IN LOCATION EXPOSED TO MOISTURE OR THE ELEMENTS SHALL BE WEATHERPROOF- WHETHER OR NOT SHOWN AND NOTED.
- ALL 120 VOLT BRANCH CIRCUITS EXTENDING 100 OR MORE FEET (200 FEET FOR 208V OR ABOVE) IN LENGTH FROM THAT CIRCUIT'S PANEL C/B TO THE LAST DEVICE OR CONNECTION ON THE RUN, SHALL BE PROVIDED WITH CONDUCTORS OF A.W.G. AMPACITY RATING MINIMUM ONE SIZE LARGER THAN THE AMPACITY OF THAT CIRCUIT'S C/B SIZE. i.e.: 20A. C/B, 30A. WIRE SIZE, ETC., WHETHER OR NOT SHOWN AND NOTED
- PROVIDE SEPARATE INSULATED GREEN GROUND CONDUCTOR WITH THE BRANCH CIRCUIT OR FEEDER WIRING FOR ALL SINGLE OR THREE PHASE CIRCUITS, WHETHER OR NOT SHOWN AND NOTED
- PROVIDE ALL CONDUITS FOR COMMUNICATIONS WITH CAT 5 DATA/TELEPHONE CABLE. COORDINATE WITH OWNER FOR FINAL CONNECTIONS IN BASEMENT TELEPHONE ROOM.
- ALL DISCONNECT SWITCHES SHALL BE HEAVY DUTY, 600 VOLT RATED, NEMA 1 IN DRY LOCATIONS, NEMA 3R WHERE INSTALLED IN ANY LOCATION EXPOSED TO THE ELEMENTS. WHERE NUMBERS ARE SHOWN ADJACENT TO SYMBOL i.e.: 60/50 FIRST No.= SWITCH SIZE SECOND No.= FUSE (GENERALLY K5 CLASS). NF = NON FUSE TYPE DISCONNECT SWITCH UNLESS OTHERWISE REQUIRED BY MECHANICAL EQUIPMENT WITH "FUSE ONLY PROTECTION". FOR THIS SITUATION, CONTRACTOR SHALL PROVIDE FUSED DISCONNECT SWITCH WITH FUSES AS RECOMMENDED BY EQUIPMENT SUPPLIERS.
- THIS CONTRACTOR SHALL EXTEND WIRE TO ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS AND MAKE FINAL AND COMPLETE CONNECTIONS TO SAME. BEFORE ROUGHING-IN OUTLETS, THE LOCATION AND TYPE OF OUTLET SHALL BE VERIFIED FROM SHOP DRAWINGS OF THE EQUIPMENT. ALL OUTLETS AND CONNECTIONS TO EQUIPMENT SHALL BE MADE FROM THE WALLS PROVIDE A FLUSH JUNCTION BOX IN THE WALL BENEATH THE OPERATING LEVEL OF THE EQUIPMENT AND CONNECT TO THE EQUIPMENT WITH FLEXIBLE CONDUIT. DO NOT RUN ANY CONDUIT EXPOSED. EQUIPMENT HAVING BUILT-IN SWITCHES SHALL BE COMPLETELY WIRED AS REQUIRED. PLUGS AND CORDS ON THE EQUIPMENT SHALL BE REPLACED, SHORTENED OR LENGTHENED AS REQUIRED BY THIS CONTRACTOR TO SUIT THE OUTLETS FURNISHED. PROVIDE A SEPARATE GROUND WIRE AND CONNECTION FOR ALL EQUIPMENT. THE CONTRACTOR SHALL COORDINATE TO INSURE THAT EACH PIECE OF EQUIPMENT IS SUITABLE FOR THE VOLTAGE CHARACTERISTIC AT THE POINT OF CONNECTION.
- ELECTRICAL CONTRACTOR SHALL INSTALL ALL MOTOR STARTERS/CONTROLLERS SHOWN OR NOT SHOWN ON THE PLANS. PROVIDE DISCONNECT SWITCHES AS INDICATED ON THE PLANS OR AS REQUIRED. DO NOT INSTALL MOTOR STARTERS/CONTROLLERS SHOWN OR NOT SHOWN IN THE CEILING SPACES, UNLESS OTHERWISE APPROVED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL TELE/CATV/ OUTLET BOXES AND CONDUIT IN LOCATIONS AS SHOWN ON THE DRAWINGS. WHETHER SHOWN OR NOT SHOWN ON ELECTRICAL DRAWINGS. PROVIDE SLEEVES AS REQUIRED AND FIRE SEAL SLEEVES AFTER ALL CABLES ARE INSTALLED.
- ALL ABOVE COUNTER RECEPTACLES LOCATED WITH-IN 6'-6" (MEASURED HORIZONTALLY) OF A SINK, SHALL BE GFCI TYPE (WHETHER OR NOT SHOWN AND NOTED)
- PROVIDE TOGGLE SWITCH FOR FAN CONTROL AND ALL ASSOCIATED INTERLOCK/INTERCONNECTIONS. VERIFY EXACT LOCATION OF CONNECTION AND SWITCH LOCATION IN FIELD.
- CONTRACTOR TO VERIFY THE SPECIAL SINGLE RECEPTACLES NEMA CONFIGURATION REQUIRED BY EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE LABELS FOR DISCONNECTS COMPLYING WITH NEC 110.22 & 408.4. RELATIVE TO PANEL BOARD CIRCUIT DIRECTORY ENTRIES. SUFFICIENT DESCRIPTION SHALL BE GIVEN TO DETERMINE THE LOAD SERVED BY THE CIRCUIT. THIS DESCRIPTION SHALL BE UNIQUE AND ALLOW THE CIRCUIT TO BE DISTINGUISHED FROM ALL OTHER CIRCUITS SERVED BY THE PANEL.
- CONTRACTOR SHALL COMPLY WITH NEC 110.14 (C)(1) & (2).
- CONTRACTOR SHALL CONFIRM THAT THE CONSTRUCTION DOCUMENTS ARE COORDINATED WITH MECHANICAL AND PLUMBING DISCIPLINES AND COMPLIANCE WITH NEC 110.26(F) IS ACHIEVED. CONFIRM SERVICE EQUIPMENT MOUNTING LOCATION PROVIDES COMPLIANCE WITH NEC 110.26(A), (D), (E).
- CONTRACTOR SHALL COMPLY WITH NEC 300.9 AS REQUIRED.

CONDUIT & WIRE SIZE SCHEDULE
(UNLESS OTHERWISE SHOWN)

CIRCUIT BREAKER TRIP	GROUND WIRE SIZE	1 OR 2 POLE		3 POLE	
		CONDUIT	WIRE	CONDUIT	WIRE
15A	1 #12	1/2"	#12	1/2"	#12
20A	1 #12	1/2"	#12	1/2"	#12
30A	1 #10	1/2"	#10	3/4"	#10
40A	1 #10	3/4"	#8	1"	#8
50A	1 #10	3/4"	#8	1"	#8
60A	1 #8	1"	#6	1"	#6
70A	1 #8	1"	#4	1-1/4"	#4
80A	1 #8	1-1/4"	#4	1-1/4"	#4
90A	1 #8	1-1/4"	#2	1-1/4"	#2
100A	1 #8	1-1/4"	#2	1-1/4"	#2

ELECTRICAL SYMBOLS

- JUNCTION BOX. MOUNT AS SHOWN ON PLANS. SIZE AS REQUIRED.
- SINGLE POLE TOGGLE SWITCH MOUNTED 4'-0" AFF., UON.
- THREE WAY TOGGLE SWITCH MOUNTED 4'-0" AFF., UON.
- DIMMER SWITCH MOUNTED 4'-0" AFF., UON.
- 3 WAY DIMMER SWITCH LUTRON NOVA T MOUNTED 4'-0" AFF., UON.
- MOTOR RATED SWITCH WITH THERMAL OVERLOAD PROTECTION.
- CONNECTION FOR CEILING EXHAUST FAN
- MOTOR CONNECTION
- BRANCH CIRCUIT WIRING CONCEALED IN SLAB OR UNDERGROUND
- BRANCH CIRCUIT HOMERUN TO PANELBOARD. NUMBER OF ARROWS DENOTE NUMBER OF CIRCUITS. NUMBER OF HASH MARKS DENOTE NUMBER OF WIRES WHEN MORE THAN TWO. TICK MARK INDICATES GROUND CONDUCTOR. SEE PANEL SCHEDULE FOR WIRE SIZE.
- CONDUIT UP
- CONDUIT DOWN
- DISCONNECT SWITCH SIZE AS REQUIRED TO BE FUSED UNLESS OTHERWISE NOTED. 60/50 NUMERAL INDICATES SWITCH/ FUSE SIZE.
- SPECIAL OUTLET- COORDINATE OUTLET CONFIGURATION AND REQUIREMENT WITH EQUIPMENT MANUFACTURER.
- DUPLEX RECEPTACLE 120 VOLT, 20 AMPS, 18" AFF, UON, FB= FLOOR MTD WITH BRASS COVER
- GFCI RECEPTACLE 120 VOLT, 20 AMPS, 42" AFF, UON
- QUAD RECEPTACLE 120 VOLT, 20 AMPS, 18" AFF, UON CONNECTION FOR CEILING EXHAUST FAN
- DUPLEX RECEPTACLE 120 VOLT, 20 AMPS, 18" AFF UON GFCI TYPE, WP= WEATHERPROOF COVER
- FLOOR OUTLET (TYPICAL), SEE DUPLEX RECEPTACLE FOR INFORMATION
- DUPLEX RECEPTACLE 120 VOLT, 20 AMPS, 44" AFF, UON GFCI TYPE, WP= WEATHERPROOF COVER
- SMOKE DETECTOR, S= IN UNIT STAND ALONE, 120V WITH INTEGRAL BATTERY BACK-UP
- X = CIRCUIT NUMBERS INDICATE HOMERUN TO APARTMENT PANELS UNLESS OTHERWISE INDICATED (TYPICAL)
- GROUND AS PER LOCAL AND NATIONAL ELECTRIC CODES
- PANELBOARD
- T.V. OUTLET MOUNTED +18" AFF UON, PROVIDE COAXIAL CABLE WITHIN UNITS AND TERMINATE AT MAIN TELEPHONE ROOM COORDINATE WITH EQUIPMENT SUPPLIER FOR CABLE TYPE
- TELEPHONE OUTLET +18" AFF UON, LOOP TOGETHER WITHIN UNITS AND TERMINATE AT MAIN TELEPHONE BOARD TERMINAL BLOCK PROVIDE CAT5 CABLE
- EXTERIOR BELL
- WINDOW RECEPTACLE
- PHOTOELECTRIC CONTROL SWITCH

ELECTRICAL SPECIFICATIONS

GENERAL NOTES

- THE WORK SHALL INCLUDE ALL DEMOLITION, FURNISHING AND INSTALLING ALL ELECTRICAL SYSTEMS AND EQUIPMENT AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN.
- THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, AND THE JOB SITE AND FULLY INFORM HIMSELF OF ALL EXISTING CONDITIONS AND WORK REQUIRED BY THE DRAWINGS AND BEFORE SUBMITTING HIS BID. WAIVER OF RESPONSIBILITY OR REQUEST FOR ADDITIONAL PAYMENT BASED ON LACK OF KNOWLEDGE OF CONDITIONS AT THE SITE WILL NOT BE ACCEPTED OR CONSIDERED.
- THE ENTIRE ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE, LOCAL JURISDICTION REQUIREMENTS. AND LOCAL CODE REQUIREMENTS.
- ELECTRICAL CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR ELECTRICAL WORK.
- ALL ELECTRICAL EQUIPMENT SHALL BEAR THE UNDERWRITER'S LABORATORIES LABEL
- PROVIDE SHOP DRAWINGS FOR THE FOLLOWING ITEMS:
 - A. LIGHTING FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, AND DISCONNECT SWITCHES.
- ALL EQUIPMENT SUCH AS PANELBOARDS, AND DISCONNECTS SWITCHES SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, SQUARE- D, CUTTLER-HAMMER OR SIEMENS.
- PROVIDE TEMPORARY SERVICE AS NECESSARY FOR LIGHTING AND POWER EQUIPMENT (DRILLS, SAWS, ETC.). VERIFY TEMPORARY REQUIREMENTS WITH GENERAL CONTRACTOR. TEMPORARY LIGHTING AND POWER SHALL MEET OSHA REQUIREMENTS AND LOCAL CODES.
- ADVANCE NOTICE SHALL BE GIVEN TO THE OWNER BEFORE COMMENCEMENT OF WORK, WHETHER OR NOT AN OUTAGE IS REQUIRED.
- ALL CIRCUITRY, EQUIPMENT, DEVICES, ETC., SHALL BE NEW UNLESS SPECIFICALLY NOTED ON THE PLANS
- THE FOLLOWING TERMINOLOGY AND MEANINGS WILL BE USED IN THESE SPECIFICATIONS:
 - A. PANELBOARDS "EQUIPPED SPACE" OR "SPACE": INCLUDE ALL NECESSARY BUS, DEVICE SUPPORTS AND CONNECTIONS FOR INSERTION OF A FUTURE DEVICE.
 - B. "PROVIDE": FURNISH AND INSTALL.
- FINAL TESTING: AT THE TIME OF FINAL INSPECTION AND TEST, ALL CONNECTIONS AT PANELBOARDS, DEVICES AND EQUIPMENT, AND ALL SPLICES MUST BE COMPLETED. EACH BRANCH CIRCUIT AND ITS RESPECTIVE CONNECTED EQUIPMENT MUST TEST FREE OF SHORT CIRCUITS. UPON COMPLETION OF THE WORK, CLEAN AND POLISH ALL EXPOSED SURFACES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

PANELBOARDS

- PROVIDE NEW TYPED CARD DIRECTORY TO THE PANEL BOARDS. SWITCHES, RECEPTACLES & OUTLETS
- PRIOR TO INSTALLATION OF ANY TELEPHONE, TV AND RECEPTACLE OUTLETS, THIS CONTRACTOR SHALL VERIFY ITS FINAL LOCATION WITH THE ARCHITECT. THE ARCHITECT MAY, AT HIS OPTION, RELOCATE ANY DEVICE WITHIN 5 FEET FROM THE LOCATION SHOWN ON THE DRAWINGS AT NO CHARGE TO THE OWNER.
- WHERE TWO OR MORE DEVICES OF THE SAME VOLTAGE ARE SHOWN TOGETHER ON THE PLANS, A GANGED PLATE SHALL BE USED. DEVICES OF DIFFERENT VOLTAGES SHALL BE SEPARATED HORIZONTALLY BY 6" AND SHALL BE HORIZONTALLY OR VERTICALLY ALIGNED.
- ALL RECEPTACLES, TELEPHONE, AND DATA OUTLETS SHOWN ON A WALL BACK TO BACK SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY.
- EXPOSED WALL PLATES AND DEVICES SHALL BE SMOOTH WHITE FINISH
- COORDINATE LIGHT SWITCHES SHOWN ON DRAWINGS WITH DOOR SWINGS. LOCATE LIGHT SWITCH ON LOCK SIDE OF DOOR.
- PROVIDE LABEL TO ALL RECEPTACLES SHOWN ASSOCIATED BRANCH CIRCUIT AND PANEL BOARD.

LIGHTING FIXTURES

- COORDINATE LOCATIONS OF LIGHTING FIXTURES WITH SPRINKLERS, MECHANICAL EQUIPMENT AND ARCHITECTURAL CEILING PLAN. LAYOUT ON PLANS IS APPROXIMATE, ADJUST AND COORDINATE LIGHTING FIXTURES IN FIELD PER ARCHITECTS/ REPRESENTATIVE'S DIRECTION.
- LIGHTING FIXTURE TYPES SHALL BE COMPATIBLE WITH INSTALLATION COORDINATE ALL FIXTURE TYPES WITH ARCHITECT PRIOR TO ORDERING FIXTURES. PROVIDE ALL MOUNTING ATTACHMENTS FOR A COMPLETE INSTALLATION.
- ALL NEW LIGHTING FIXTURES SHALL BE INSTALLED COMPLETE WITH LAMPS. SEE PLANS FOR SPECIFIC REQUIREMENTS.
- ALL LIGHT FIXTURES SHALL BE SUPPORTED FROM CEILING STRUCTURE. PROVIDE TWO INDEPENDENT SUPPORTS PER LIGHT FIXTURE.

DISCONNECT SWITCHES

- LOCATE DISCONNECT SWITCH FOR MECHANICAL EQUIPMENT TO PERMIT SERVICING OF EQUIPMENT. PROVIDE FUSES IF REQUIRED BY MANUFACTURER OF EQUIPMENT FOR UL APPROVAL. CHECK MOTORS FOR PROPER ROTATION. CONNECT CONDUCTORS AS REQUIRED BY MANUFACTURER.

BRANCH CIRCUITRY

- ALL CIRCUITRY RUNS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL DETERMINE IN FIELD THE MOST SUITABLE ROUTES.
- MINIMUM SIZE CONDUIT SHALL BE 3/4".
- NONMETALLIC CONDUIT SHALL NOT BE USED FOR BRANCH CIRCUIT WORK ABOVE GRADE.
- CIRCUITRY SHALL BE RUN TIGHT TO THE UNDERSIDE OF THE FLOOR SLAB ABOVE IN A NEAT WORKMANLIKE MANNER. ALL RUNS SHALL BE PARALLEL OR PERPENDICULAR TO BUILDING WALLS.
- CIRCUITRY SHALL BE RUN TIGHT TO THE UNDERSIDE OF THE FLOOR SLAB ABOVE IN A NEAT WORKMANLIKE MANNER. ALL RUNS SHALL BE PARALLEL OR PERPENDICULAR TO BUILDING WALLS.
- ALL EMPTY RACEWAYS SHALL CONTAIN A DRAG WIRE. EMPTY RACEWAYS 2" OR LARGER IN SIZE SHALL HAVE A MAXIMUM OF 3-90 DEGREE BENDS.
- MAKE FINAL CONNECTION TO ALL MOTORS AND VIBRATING EQUIPMENT WITH FLEXIBLE CONDUIT.
- ALL CONDUIT/CABLE PENETRATIONS OF EXTERIOR WALLS, FIRE RATED WALLS AND FIRE RATED FLOORS, SHALL BE CAULKED AND SEALED WATERTIGHT. SEALS FOR FIRE RATED PENETRATIONS SHALL BE SEALED WITH UL LISTED PUTTY TYPE SEALING COMPOUND.
- PROVIDE HACR TYPE CIRCUIT BREAKERS FOR ALL CIRCUIT BREAKERS SERVING HVAC EQUIPMENT

INDOOR BRANCH CIRCUITRY

- METAL CLAD CABLE (MC CABLE) IS PERMITTED TO SERVE RECEPTACLES AND OTHER EQUIPMENT LOAD. METAL CLAD CABLE (MC) IS PERMITTED TO RUN IN CONCEALED AREAS SUCH AS CEILING SPACE AND FINISHED WALL AREA ONLY. ALL HOMERUN SHALL BE INSTALLED IN EMT.

OUTDOOR BRANCH CIRCUITRY

- ALL CONDUIT SERVING LIGHTING RECEPTACLES AND EQUIPMENT LOCATED ON THE EXTERIOR OF THE BUILDING SHALL BE HEAVY WALL GALVANIZED RIGID STEEL CONDUIT.
- OUTDOOR USE FEEDER CONDUIT SHALL BE HEAVYWALL GALVANIZED RIGID STEEL.
- LIQUID-TIGHT FLEXIBLE CONDUIT , MAXIMUM LENGTH 6'-0"

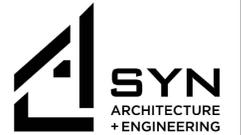
WIRE AND CABLE

- FEEDER SHALL BE COPPER THHN-THWN. SHALL BE THW OR THHN-THWN.
- ALL WIRING SHALL BE COLOR CODED THROUGHOUT
- ALL CONDUCTORS TO BE COPPER, MINIMUM NO. 12-EXCEPT CONTROL CONDUCTOR AND LIGHTING TAPS AS PERMITTED BY N.E.C. CONDUCTORS FOR SWITCHING LIGHTS SHALL NOT BE CONSIDERED CONTROL CONDUCTORS. ALL SIZES #8 OR LARGER SHALL BE THW OR EQUIVALENT. THW OR EQUIVALENT SHALL BE REQUIRED FOR HEATERS OR OTHER UL LISTED DEVICES RATED AT 75 DEG. F. SUPPLY FEED.
- ALL RECEPTACLES, LIGHTING FIXTURES, MOTORS, ETC., SHALL BE GROUNDED.

(i.e. 1, 3, 5) SERVING LIGHTING, GENERAL RECEPTACLES, AND MOTORS.

- ALL 120 VOLT. CIRCUIT HOMERUNS WHICH ARE OVER 100 LINEAR FEET SHALL BE A MINIMUM OF #10 CONDUCTORS UNLESS OTHERWISE INDICATED ON THE PLANS.

CONSULTANT:



admin@SYNamep.com

SEAL:



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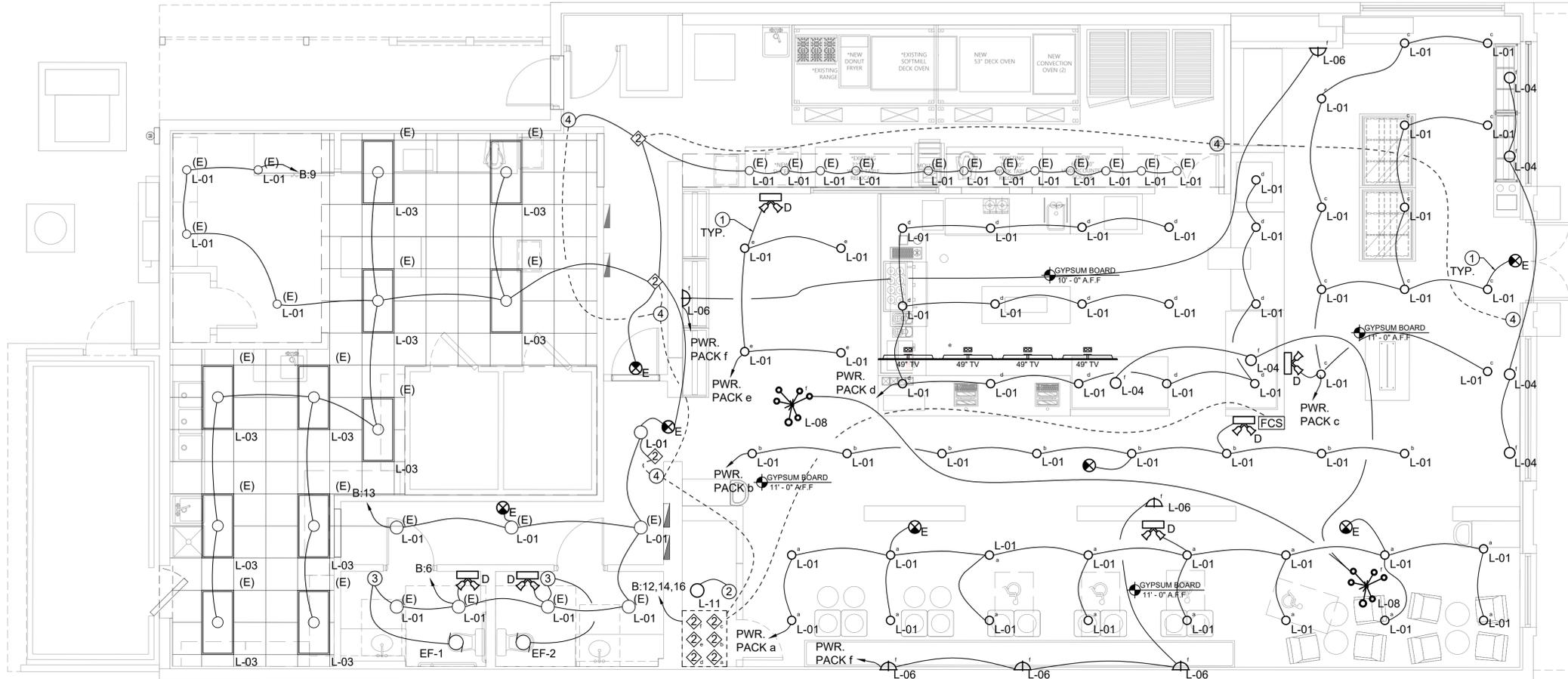
AS SHOWN

SHEET TITLE:

GENERAL NOTES,
SYMBOLS, &
SPECIFICATIONS

SHEET #:

E001



- NOTES:
- ① CONNECT AHEAD OF THE SWITCH

INTERIOR LIGHTING CALCULATIONS

1. ALLOWABLE : 3,268 SF * 0.76 W/SF = 2,484 WATT

2. CONNECTED

TYPE	COUNT	W/FIXT.	TOTAL
L01	72	18	1,296
L03	11	39	429
L04	6	60	360
L06	6	22	132
L08	2	46	92
L11	1	5	5
E	7	5	35
D	6	5	30

TOTAL BLDG AREA: 3,268 SF
 TOTAL = 2,379 W
 W/SF = 0.73 W/SF

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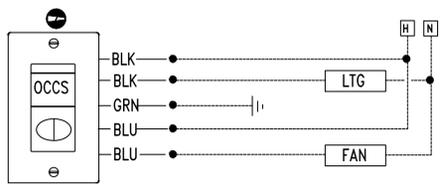
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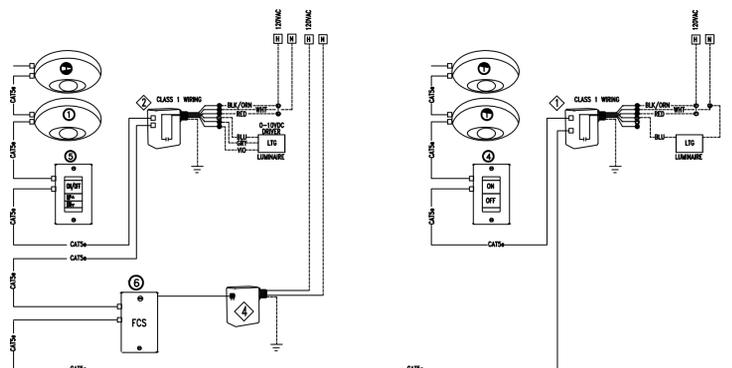
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1 FLOOR PLAN - LIGHTING
 SCALE: 1/4" = 1' - 0"



2 RESTROOM LIGHT CONTROL
 SCALE: N.T.S.



3 ON/OFF, DIM AND NON-DIM
 SCALE: N.T.S.

LIGHT FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MFRG	CAT. NO.	VOLTS	LAMPS	WATTS	NOTE
L01	6" DIA LED DOWN LIGHT	LITHONIA EQUAL	LBR625LM35KARTRWLSS MWMVOLTUGZ NLIGHT ENABLED LBR6PFW FRAME	120VAC	LED	18	
L03	2x4 LED LAY-IN TROFFER, CRIBO, 3500K, FLAT ACRYLIC SUITABLE FOR KITCHEN APPLICATIONS	LITHONIA EQUAL	CPX2x4400LM 40K	120VAC	LED	39	REFER TO LIGHTING CONTROL DETAILS
L04	PENDENT LED	TECH LIGHTING EQUAL	700 TD B S LED930	120VAC	LED	60	
L06	WALL PICTURE LIGHT	HYDREL EQUAL	PLACERTWIN LED	120VAC	LED	22	FIELD ORIENT FOR BEST COVERAGE
EL07	4FT LED LINEAR LED FIXTURE CRIBO, 3500K, REGRESSED FLAT LENSE WITH BATTERY	LITHONIA EQUAL	SL4L LOP 4FT RLP WTG 80CRI _E10WLCP 9 35K1000LMF NODIM	120VAC	LED	10	REFER TO LIGHTING CONTROL DETAILS
L08	CHANDELIER	TECH LIGHTING EQUAL	700SPCT B S LED930	120VAC	LED	46	
L-11	CEILING MOUNT UTILITY LIGHT	LITHONIA OR EQUAL	ANY	120VAC	LED	5	
E	EXIT LIGHT	LITHONIA EQUAL	QM LED G HO	120VAC	LED	5	
D	BATTERY PACK COMPLY WITH MANUFACTURERS CENTER TO CENTER SPACING. COLOR WHITE	LITHONIA OR EQUAL	ELM4L-UVOLT	120VAC	LED	5	COLOR AS APPROVED BY ARCHITECT

LOW VOLTAGE SWITCH-COMPATIBLE WITH SYSTEM	
LIGHTING CONTROL	
②	ACUTY nPP16D EFP DIMMING POWER PACK WITH ONE (1) 15A-1P RELAY.
③	ACUTY WSX-2P-FAN WALL MOUNT OCCS WITH ON/OFF FUNCTION
④	ACUTY nPOWISB FOR MULTIPLE SWITCH LOCATIONS - NON DIM
FCS	ACUTY FCS 7TNC X DBL ARCHITECTURAL LIGHTING CONTROL

- MFRG: ACUTY nLIGHT SYSTEM OR EQUAL
- REFER TO LIGHTING PLANS AND PLAN NOTES
 - A FUNCTIONAL TEST PER ASHREA 90.1 SHALL BE PREPARED FOR ALL NEW LIGHTING CONTROL SYSTEMS AS REQUIRED BY THE LOCAL OFFICIAL
 - FOLLOW MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS FOR BEST SENSOR COVERAGE.



PROJECT NAME:
TOUS LES JOURS
 NEW TENANT FIT OUT

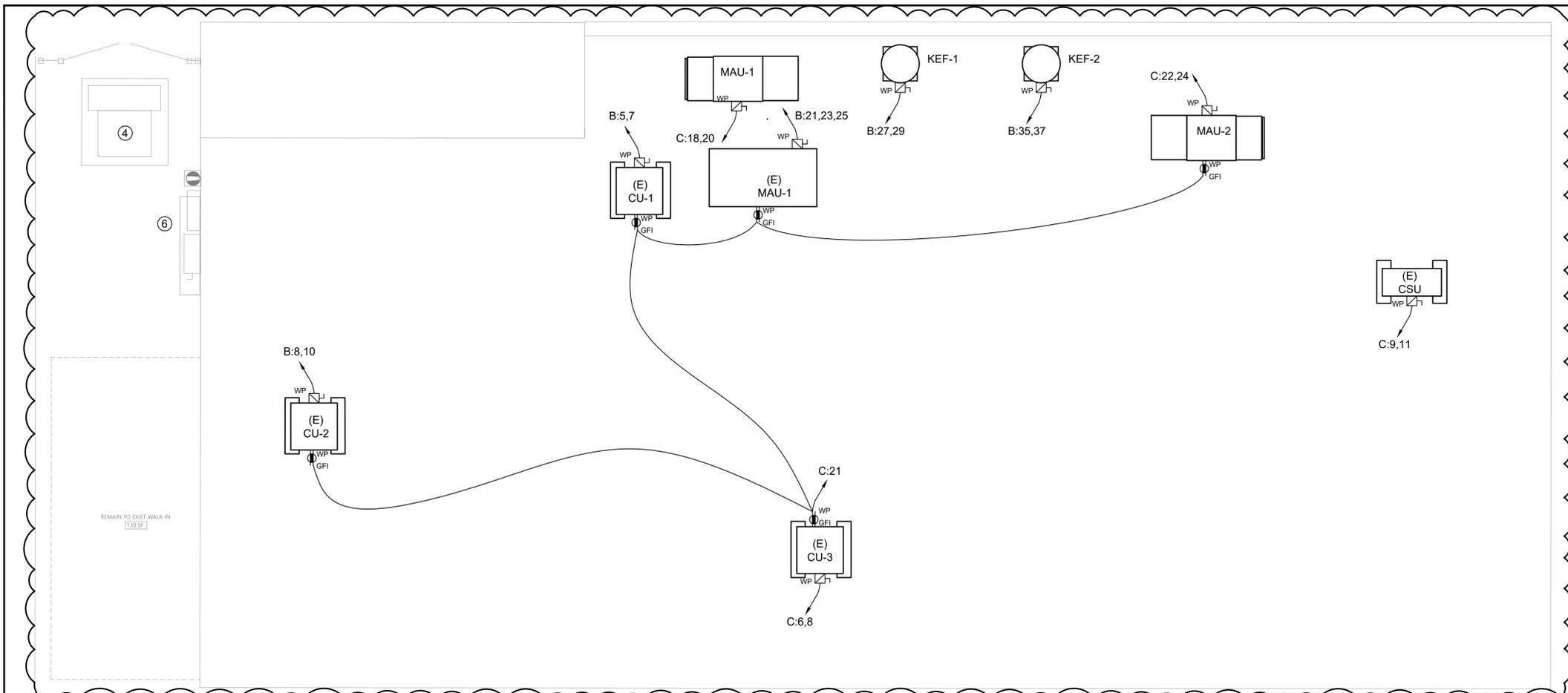
PROJECT ADDRESS:
 1230 W FAIRBANKS AVENUES WINTER PARK FL. 32789

DATE:	ISSUE:
06/21/23	REV.1
07/11/23	REV.2
08/25/23	CONSTRUCTION

SCALE:
 AS SHOWN

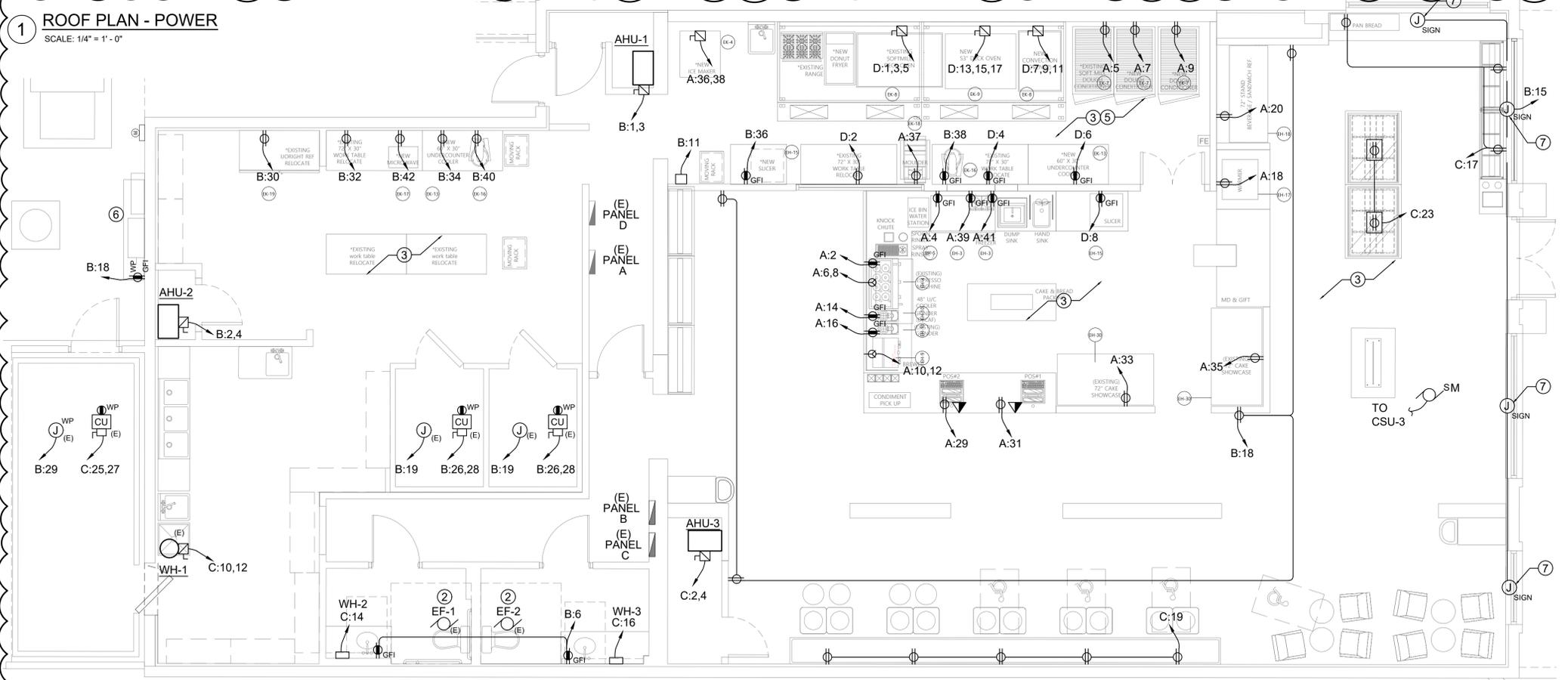
SHEET TITLE:
 FLOOR PLAN LIGHTING

SHEET #:
E100



- KEYED NOTES:**
- SEE DETAIL FOR EXISTING WALK IN COOLER/FREEZER. WIRING SHALL BE BROUGHT UP TO CODE.
 - SEE LIGHTING PLAN FOR WIRING OF EXHAUST FAN
 - ALL RECEPTACLES IN THE FOOD PREP AREAS SHALL BE GROUND FAULT PROTECTED. ALL GENERAL USE RECEPTACLES MOUNTED 54" ABOVE THE FLOOR OR LESS SHALL BE TAMPER PROOF.
 - EXISTING UTILITY TRANSFORMER.
 - ALL NEW AND EXISTING RECEPTACLES MOUNTED UNDER THE COOK HOOD SHALL BE CONNECTED TO SHUNT TRIP CIRCUIT BREAKERS INTERLOCKED WITH THE HOOD SHUTDOWN SYSTEM.
 - EXISTING ELECTRIC SERVICE.
 - WINDOW SIGN RECEPTACLE FLUSH IN CEILING.

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



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



Reviewed for Code Compliance
Building & Permitting Services Dept

CONSULTANT:

admin@SYNamep.com

SEAL:

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PROJECT NAME:
TOUS LES JOURS
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PROJECT ADDRESS:
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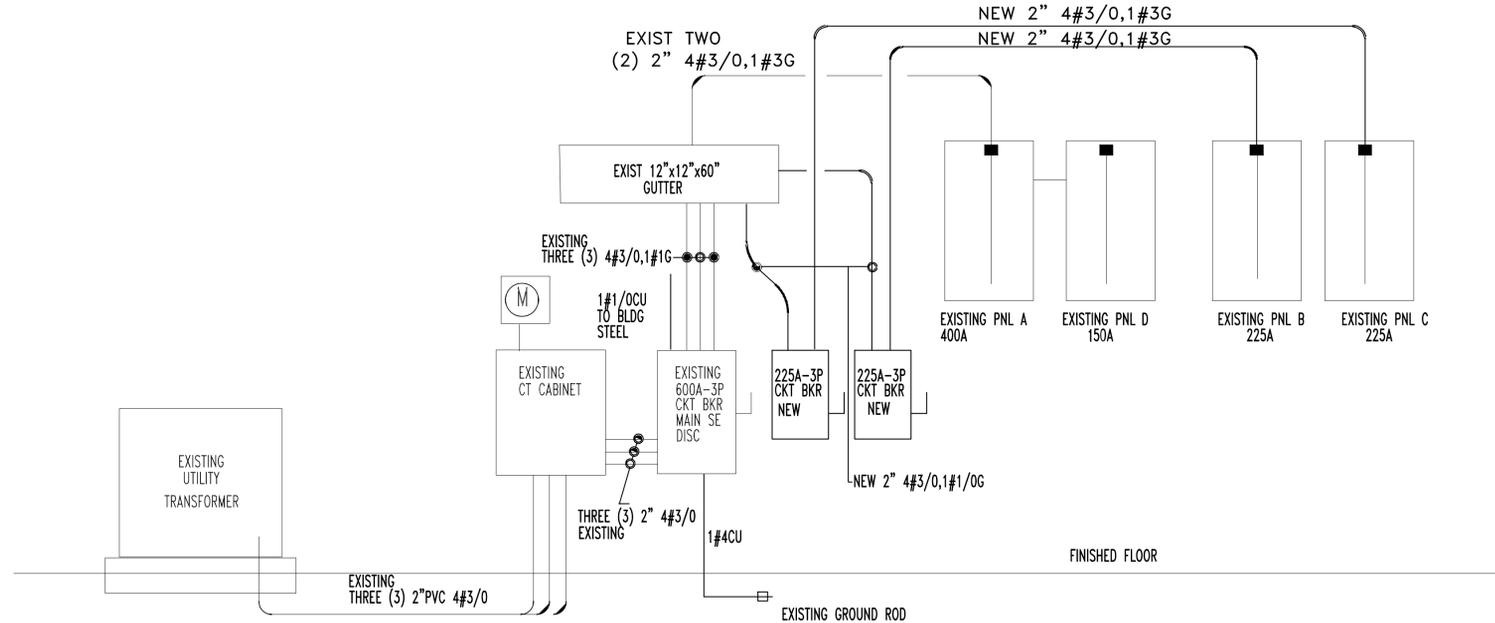
SHEET TITLE:
FLOOR & ROOF PLAN
POWER

SHEET #:
E200

EXISTING PANEL "A" [NEW CONFIGURATION]															
NOMINAL VOLTAGE	208	AMPS	PHASE	3	FUTURE LOAD IN KVA				MOUNTING: SURFACE						
MAIN LUGS ONLY	400	WIRE	WYE	4	BUILDING AREA IN SQFT										
PANEL SIZE IN AMPS	400	NEUTRAL BUS IN %		100	TOTAL LIGHTING WATTS										
SHORT CKT INTERRUPTING RATING		Isc		22,000	FEEDER LENGTH IN FEET										
CIRCUIT DIRECTORY															
LOAD IDENTIFICATION	COND SIZE	WIRE SIZE	POLE NO	CKT BKR TRIP	CONN. VA	PHASE			CONN. VA	CKT BKR TRIP	POLE NO	WIRE SIZE	COND SIZE	LOAD	
						A	B	C							
SPARE									240	20	1	2	12	1/2"	EH-4
									240	20	1	4	12	1/2"	EH-5
EK-7	1/2"	12	5	1	20	780			2600	30	2	6	10	3/4"	EH-7
EK-7	1/2"	12	7	1	20	780			2600	30					---
EK-7	1/2"	12	9	1	20	780			2600	30	2	10	10	3/4"	EH-9
PANEL D	1-1/2"	1/0	11	3	150	13,980			2600	30					---
---	1-1/2"	1/0	13		150	13,460			1560	20	1	14	12	1/2"	EH-10
---	1-1/2"	1/0	15		150	14,200			1560	20	1	16	12	1/2"	EH-10
SPARE	1/2"	12	17	1	20				1788	20	1	18	12	1/2"	EH-17
SPARE	1/2"	12	19	1	20				1860	20	1	20	12	1/2"	EH-18
SPARE	1/2"	12	21	1	20				20	20	1	22			SPARE
SPARE	1/2"	12	23	1	20				20	20	1	24			SPARE
SPARE	1/2"	12	25	1	20				780	20	1	26	12	1/2"	EK-13
SPARE	1/2"	12	27	1	20				840	20	1	28	12	1/2"	EK-16
EH-25	1/2"	12	29	1	20				840	20	1	30	12	1/2"	EK-16
EH-25	1/2"	12	31	1	20				1200	20	1	32	12	1/2"	EK-17
EK-30	1/2"	12	33	1	20	1032			1200	20	1	34	12	1/2"	EK-17
EK-30	1/2"	12	35	1	20	1032			2600	30	2	36	10	3/4"	EK-4
EK-18	1/2"	12	37	1	20	960			2600	30			38	10	---
EH-3	1/2"	12	39	1	20	1560				20	1	40			SPARE
EH-3	1/2"	12	41	1	20	1560				20	1	42			SPARE

EXISTING PANEL "B" [NEW CONFIGURATION]															
NOMINAL VOLTAGE	208	AMPS	PHASE	3	MOUNTING: FLUSH										
MAIN LUGS ONLY	225	WIRE	WYE	4											
PANEL SIZE IN AMPS	225	NEUTRAL BUS IN %		100											
SHORT CKT INTERRUPTING RATING		Isc		22,000											
CIRCUIT DIRECTORY															
LOAD IDENTIFICATION	COND SIZE	WIRE SIZE	POLE NO	CKT BKR TRIP	CONN. VA	PHASE			CONN. VA	CKT BKR TRIP	POLE NO	WIRE SIZE	COND SIZE	LOAD	
						A	B	C							
AHU 1	1/2"	12	1	2	20	1200			1200	20	2	2	10	3/4"	AHU-2
---						1200			1200	20		4	10		---
CU-1	3/4"	8	5	2	50	3640			300	20	1	6	12	1/2"	REST RM LIGHTS
---						3640			3640	50	2	8	8	3/4"	CU-2
KITCHEN LIGHTS	1/2"	12	9	1	20	1000			3640	50		10	8		---
HOOD CONTROL	1/2"	12	11	1	20	500			1000	20	1	12	12	1/2"	LIGHTING
HALL WAY LIGHTS	1/2"	12	13	1	20	300			1000	20	1	14	12	1/2"	LIGHTING
WINDOW SIGN	1/2"	12	15	1	20	1500			1000	20	1	16	12	1/2"	LIGHTING
EXTERIOR LIGHTS	1/2"	12	17	1	20	300			1200	20	1	18	12	1/2"	RECEPTACLE
WALK IN COOLER LIGHTS	1/2"	12	19	1	20	300				20	1	20			SPARE
(E) RTU-1	1	8	21	3	35	3444			1100	20	2	22	12	1/2"	EK-18
---						1100			1100	20		24	12		---
KEF 1 [HOOD]	3/4"	12	27	2	20	1370			900	20	2	26	12	1/2"	WALK IN COOLER
---						1370			456	20	1	30	12	1/2"	UPRIGHT REF.
SPARE									1800	20	1	32	12		MICROWAVE EQ. EK17
SPARE										20	1	34	12		SPAER
KEF 2 [HOOD]	3/4"	12	35	2	20	1370			720	20	1	36	12		SLICER EQ. EH-15
									840	20	1	38			MIXER EQ. EK-16
BLANK									840	20	1	40			MIXER EQ. EK-16
BLANK									1800	20	1	42			MICROWAVE EQ. EK-17

EXISTING PANEL "C" [NEW CONFIGURATION]															
NOMINAL VOLTAGE	208	AMPS	PHASE	3	MOUNTING: FLUSH										
MAIN LUGS ONLY	225	WIRE	WYE	4											
PANEL SIZE IN AMPS	225	NEUTRAL BUS IN %		100											
SHORT CKT INTERRUPTING RATING		Isc		22,000											
CIRCUIT DIRECTORY															
LOAD IDENTIFICATION	COND SIZE	WIRE SIZE	POLE NO	CKT BKR TRIP	CONN. VA	PHASE			CONN. VA	CKT BKR TRIP	POLE NO	WIRE SIZE	COND SIZE	LOAD	
						A	B	C							
SPARE									1200	20	2	2	8	3/4"	AHU-3
SPARE									1200	20		4	8		---
SPARE									3640	50	2	6	8	3/4"	CU-3
SPARE									3640	50		8	8		---
CSU	1/2"	10	9	2	30	1882			2500	30	2	10	10	3/4"	WATER HEATER EK-12
---	1/2"	10	11		30	1882			2500	30		12	10		---
SPARE									1800	20	1	14	12	1/2"	INSTA HOT WH-2
SPARE									1800	20	1	16	12	1/2"	INSTA HOT WH-3
LIGHTS DISPLAY CASES	1/2"	12	17	1	20	400			1370	20	1	18	12	3/4"	MAU 1
RECEPT. BOOTH SEAT	1/2"	12	19	1	20	1000			1370	20	1	20	12		---
RECEPTACLES ROOF	1/2"	12	21	1	20	900			1370	20	1	22	12	3/4"	MAU 2
DISPLAY CASE LIGHTS	1/2"	12	23	1	20	300			1370	20	1	24	12		---
WALK IN FREEZER	1/2"	12	25	2	20	1400				20	1	26			SPARE
---	1/2"	12	27		20	1400				20	1	28			SPARE
LIGHTS W.I.F	1/2"	12	29	2	20	300				20	1	30			SPARE
SPACE										20	1	32			SPARE
SPACE										20	1	34			SPARE
SPACE										20	1	36			SPARE
SPACE										20	1	38			SPACE
BLANK												40			BLANK
BLANK												42			BLANK



1 POWER RISER DIAGRAM
SCALE: N.T.S.

FOOD SERVICE EQUIPMENT SCHEDULE									
EQ. #	DESCRIPTION	A	VOLTAGE (V)	PHASE (PH)	DISCONNECT MEANS	FEEDER	PANEL CIRCUIT	REMARKS	
EK-7	DOUBLE CONDITIONER	20	115	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	A:5, A:7, A:9		
EK-8	CONVECTION OVEN	30	220	3	NEMA 14-30R	2#10 + 1#10G IN 1/2" C	A:11,13,15 A:17,19,21		
EK-9	FRESH DECK OVEN	70	220	3	NEMA 14-30R	2#4 + 1#8G IN 1"	A:23, 25, 27		
EH-30	CAKE SHOWCASE	8.6	115	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	A:33, A:35		
EH-15	MULTI SLICER	7.3	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	B:38, B:40		
EK-18	MOULDER	8	115	1	NEMA 5-20R	2#8 + 1#10G IN 3/4" C	A:37		
EH-3	BLENDER	15	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	A:2		
EH-4	UNDERCOUNTER REF.	2.2	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	A:39		
EH-5	UNDERCOUNTER FRE.	2.5	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	A:6,8		
EH-7	COFFEE EXPRESSO	30	208	1	NEMA 5-20R	2#10 + 1#10G IN 1/2" C	A:10,12		
EH-9	BREWER	25.5	240	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	A:14, A:16		
EH-10	BREWED COFFEE GRINDER	9	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	A:18		
EH-17	WARMER	14.9	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	A:20		
EH-18	OPEN REF. DISPLAY	18	120	1	NEMA 6-20R	2#12 + 1#12G IN 3/4" C	A:36,38		
EK-4	ICE MAKER	30	208	1	JUNCTION BOX	30A-2P NF	B:34		
EK-13	UNDERCOUNTER REF.	2.4	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	B:34		
EK-16	MIXER 7 QT	7	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	B:38, B:40		
EK-17	MICROWAVE	15	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	B:42		
EK-19	UPRIGHT REF.	10.7	120	1	NEMA 5-20R	2#12 + 1#12G IN 3/4" C	B:30		

EXISTING PANEL "D" [NEW CONFIGURATION]															
NOMINAL VOLTAGE	208	AMPS	PHASE	3	MOUNTING: FLUSH										
MAIN LUGS ONLY	150	WIRE	WYE	4											
PANEL SIZE IN AMPS	150	NEUTRAL BUS IN %		100											
SHORT CKT INTERRUPTING RATING		Isc		22,000											
CIRCUIT DIRECTORY															
LOAD IDENTIFICATION	COND SIZE	WIRE SIZE	POLE NO	CKT BKR TRIP	CONN. VA	PHASE			CONN. VA	CKT BKR TRIP	POLE NO	WIRE SIZE	COND SIZE	LOAD IDENTIFICATION	
						A	B	C							
EK-8	3/4"	10	1	3	30	3000			264	20	1	2	12	1/2"	UNDER. REF.
---									1000	20	1	4	12	1/2"	RECEPTACLE [WORK TABLE]
