

DO NOT SCALE THE DRAWINGS

USE OF THESE DRAWINGS FOR CONSTRUCTION

THE ARCHITECTURAL DRAWINGS AND/OR STRUCTURAL DRAWINGS FOR THIS PROJECT ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS THE DRAWINGS ARE SPECIFICALLY DATED FOR CONSTRUCTION IN THE DATE BLOCK SHOWN AT THE LOWER RIGHT HAND CORNER OF THE DRAWING SHEETS.

CODES:

ALL NEW SHALL COMPLY WITH THE FOLLOWING CODES & STANDARDS:

- 2021 MICHIGAN BUILDING CODE
- 2021 MICHIGAN PLUMBING
- 2021 MICHIGAN MECHANICAL CODE FOR EXISTING BUILDINGS
- 2021 MICHIGAN MECHANICAL
- 2021 MICHIGAN ELECTRICAL
- 2021 ASH STANDARDS
- 2021 NATIONAL ELECTRICAL CODE WITH MICHIGAN AMENDMENTS
- 2021 INTERNATIONAL FIRE AND GAS CODE
- 2021 INTERNATIONAL PLUMBING
- 2021 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

- CVR GENERAL NOTES, PROJECT DATA, & SHEET INDEX
- D1.1 DEMOLITION PLAN & NOTES
- D1.2 CEILING DEMOLITION PLAN & NOTES
- A1.1 FLOOR PLAN & NOTES
- A2.1 BASIS PLAN, OCCUPANCY CALCULATION, SYMBOLS, & NOTES
- A3.1 EQUIPMENT LAYOUT, SCHEDULE & NOTES
- A4.1 ACCESSIBILITY DETAILS, INTERIOR ELEVATIONS, & NOTES
- SCHEDULES, NOTES, & DETAILS
- M1.1 HVAC PLAN, SCHEDULES, NOTES & DETAILS
- E1.1 POWER PLAN, NOTES, & SYMBOLIST
- E2.1 CEILING PLAN, NOTES & DETAILS
- P1.1 PLUMBING NOTES & SCHEDULES
- P2.1 PLUMBING PLAN, NOTES & DETAILS

[illegible]

REMODELLED RESIDENTIAL A

27651 Southfield Road

LATHRUP VILLAGE, MICHIGAN 48076

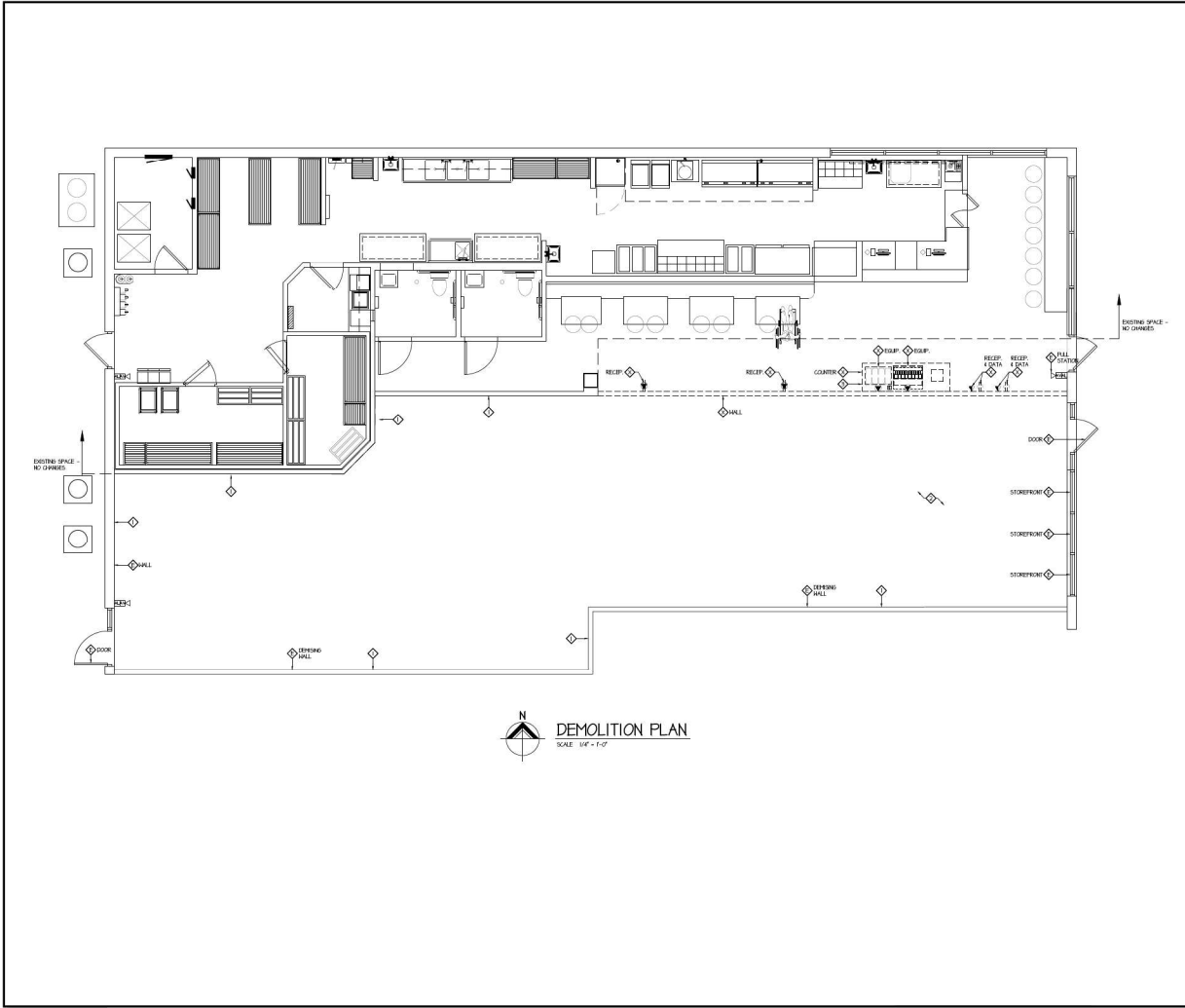
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GENERAL NOTES,
PROJECT DATA, SHEET INDEX
& SITE LOCATION

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CVR

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Demolition Key Notes

EXISTING PARTITION IS TO REMAIN

EXISTING PARTITION IS TO BE REMOVED INCLUDING WALL, SATATCHES, OUTLETS, TERMINALS, ETC. PATCH EXISTING WALLS, FLOORS AND CEILING AS REQUIRED

EXISTING TO REMAIN UNCHANGED, PROTECT EXISTING

TO BE COMPLETELY REMOVED INCLUDING ALL RELATED SURROUNDING WALLS, ELECTRICAL, AND PLUMBING UNLESS NOTED OTHERWISE

TO BE COMPLETELY REMOVED INCLUDING ALL UNREMOVED CONNECTIONS ARE TO BE REMOVED AND CAPPED TO A POINT THAT HELD BY EXISTING WALL, FLOOR, OR CEILING UNLESS NOTED OTHERWISE

REMOVE WALL FINISHES TO SUBSTRATE. PREPARE SUBSTRATE FOR NEW FINISHES AS REQUIRED

REMOVE WALL FINISHES TO SUBSTRATE. PREPARE SUBSTRATE FOR NEW FINISHES AS REQUIRED

REMOVE PLUMBING FIXTURES, WATER PIPES AND ALL RELATED ITEMS. PATCH & REPAIR SLAB AS REQUIRED

Demolition General Notes

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK. ALL DEMOLITION WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

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4. REMOVE ALL EXISTING ELECTRICAL, PLUMBING, AND MECHANICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

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ARCH AMERICA

27651 Southfield Road

REMODELED RESTAURANT AT

LATHRUP VILLAGE, MICHIGAN 48076

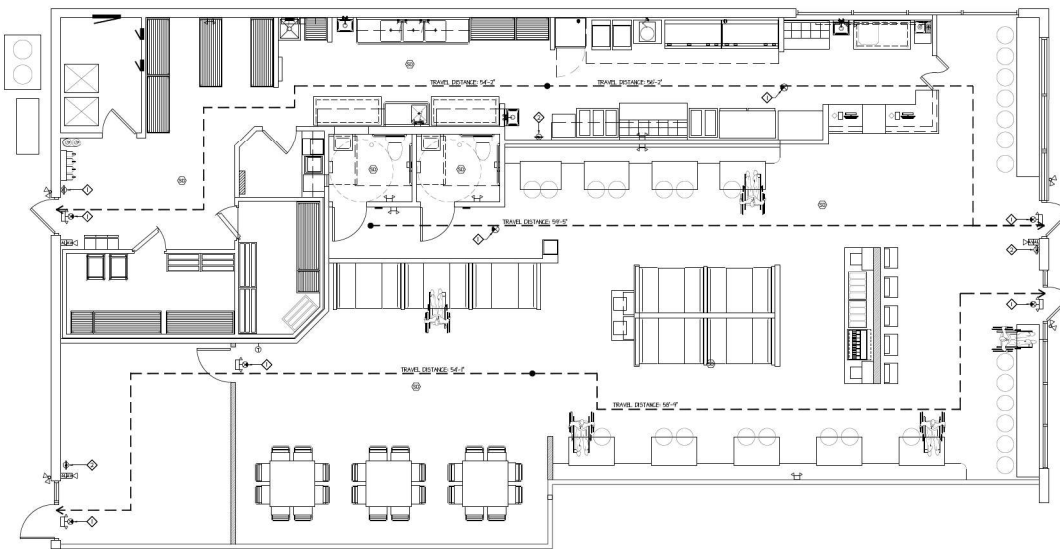
DEMOLITION PLAN & NOTES

DATE

FOR PERMIT

25080

D1.1



EGRESS PLAN
SCALE: 1/8" = 1'-0"

Egress Plan Notes

- ① EXIT SIGN - REFER TO ELECTRICAL
- ② WALL MOUNTED FIRE EXTINGUISHER - REFER TO SHEET A11

Occupancy Calculations

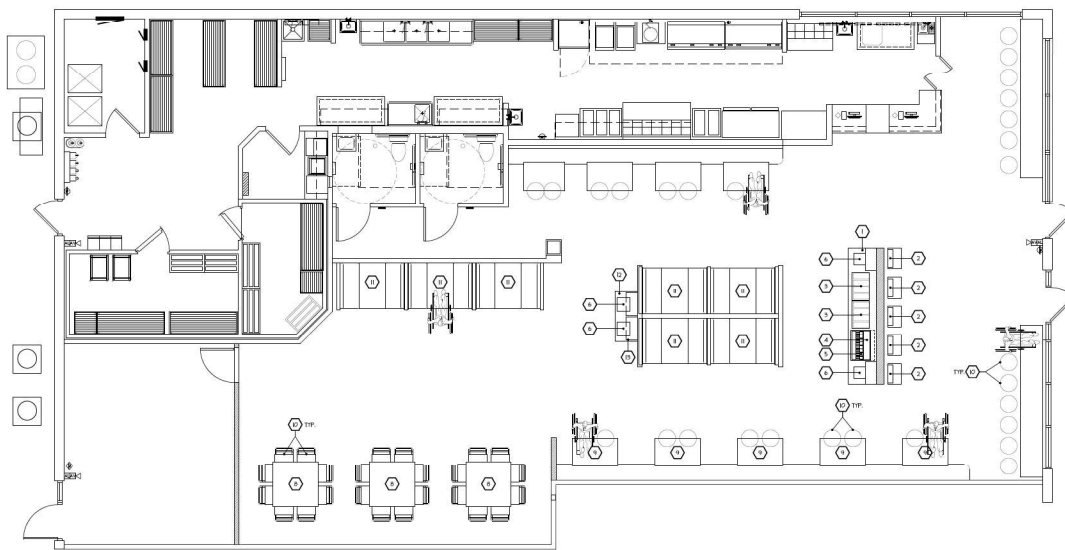
KITCHEN (COMMERCIAL) (EXISTING)	
OCCUPANT LOAD:	1 PERSON / 200 SQ. FT.
FLOOR AREA:	447 SQ. FT.
TOTAL OCCUPANTS:	2 PERSONS
SERVICE (EXISTING)	
OCCUPANT LOAD:	1 PERSON / 40 SQ. FT.
FLOOR AREA:	136 SQ. FT.
TOTAL OCCUPANTS:	2 PERSONS
STORAGE (KITCHEN) (EXISTING)	
OCCUPANT LOAD:	1 PERSON / 300 SQ. FT.
FLOOR AREA:	267 SQ. FT.
TOTAL OCCUPANTS:	1 PERSON
OFFICE (EXISTING)	
OCCUPANT LOAD:	1 PERSON / 100 SQ. FT.
FLOOR AREA:	45 SQ. FT.
TOTAL OCCUPANTS:	1 PERSON
TOILETS/CORRIDOR (EXISTING)	
OCCUPANT LOAD:	1 PERSON / 50 SQ. FT.
FLOOR AREA:	89 SQ. FT.
TOTAL OCCUPANTS:	3 PERSONS
DINING	
OCCUPANT LOAD:	1 PERSON / 15 SQ. FT.
FLOOR AREA:	2056 SQ. FT.
TOTAL OCCUPANTS:	137 PERSONS
STORAGE ROOM	
OCCUPANT LOAD:	1 PERSON / 300 SQ. FT.
FLOOR AREA:	266 SQ. FT.
TOTAL OCCUPANTS:	1 PERSON
TOTAL:	147 OCCUPANTS

Egress Capacity Calculations

HORIZONTAL EGRESS	
DOORS = 0.2 PER OCCUPANT	
90° DOORS = 180 OCCUPANTS	
MAXIMUM TRAVEL DISTANCE	
BUSINESS = MAX TRAVEL DIST. = 200 FT. WITHOUT	
SPRINKLER INCREASE	

Occupancy Plan Symbol

SYMBOL	TAG	DESCRIPTION
①	FE	FIRE EXTINGUISHER: WALL MOUNTED
②		SMOKE DETECTOR
③		EMERGENCY LIGHT COMBO
④		EMERGENCY LIGHT



EQUIPMENT LAYOUT
SCALE: 1/4\"/>

Equipment Notes

WALK-IN COOLERS
WALK-IN COOLERS AND FREEZERS, IF SITE ASSEMBLED OR SITE CONSTRUCTED, SHALL COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES.
A. BE EQUIPPED WITH AUTOMATIC DOOR CLOSERS, INSULATED DOORS AND PARTIALLY RECESSED DOOR HANDLES TO PREVENT DOOR COLLAPSE.
B. COOLERS AND FREEZERS SHALL BE A MINIMUM OF 1/2\"/>

GAS EQUIPMENT
EQUIPMENT WITH BURNERS FOR COOKING AND HEATING SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES. EQUIPMENT SHALL BE INSTALLED IN A VENTED SPACE OR IN A SPACE WITH A MEANS OF EXHAUST TO THE OUTSIDE.
B. COOLERS AND FREEZERS SHALL BE A MINIMUM OF 1/2\"/>

BULK CO2
CO2 TANKS SHALL BE UNDER 100 LB. TANKS OVER 100 LB. SHALL BE INSTALLED IN A VENTED SPACE OR IN A SPACE WITH A MEANS OF EXHAUST TO THE OUTSIDE.
C. CO2 TANKS SHALL BE UNDER 100 LB. TANKS OVER 100 LB. SHALL BE INSTALLED IN A VENTED SPACE OR IN A SPACE WITH A MEANS OF EXHAUST TO THE OUTSIDE.

Equipment Schedule

TAG	DESCRIPTION	MANUFACTURER	MODEL	MATERIAL	WIDTH	DEPTH	HEIGHT	VOLTS	PHASE	AMPS	HP	WASTE	SUPPLY	REMARKS
1	REF. CABINET FOR 30\"/>	TOMIX	REF.	STAINLESS STEEL	28 5/8"	18 1/2"	24 5/8"	115V	1	11.3				
2	ORDER STATION	VEINIA	VEINIA-31-F	STAINLESS STEEL	22"	24 1/2"	21 1/2"	115V	1	11.3				
3	COFFEE DISPENSER	VEINIA	VEINIA-31-F	STAINLESS STEEL	22"	24 1/2"	21 1/2"	115V	1	11.3				
4	ICE MACHINE	VEINIA	VEINIA-31-F	STAINLESS STEEL	22"	24 1/2"	21 1/2"	115V	1	11.3				
5	COFFEE DISPENSER	VEINIA	VEINIA-31-F	STAINLESS STEEL	22"	24 1/2"	21 1/2"	115V	1	11.3				
6	UNDERCOUNTER TRASH BIN	VEINIA	VEINIA-31-F	STAINLESS STEEL	22"	24 1/2"	21 1/2"	115V	1	11.3				
7	6 - PERSON 40 X 40 X 30 WOOD TABLE (GTY 5)	PER TENANT												
8	4 - PERSON 30 X 40 X 30 WOOD TABLE (GTY 5)	PER TENANT												
9	2 STANDARD DINING CHAIR / STOOL (GTY 25)	PER TENANT												
10	4 - PERSON SEAT	PER TENANT												
11	REF. CABINET FOR 30\"/>	PER TENANT												
12	REF. CABINET FOR 30\"/>	PER TENANT												
13	REF. CABINET FOR 30\"/>	PER TENANT												

COORDINATE FINAL EQUIPMENT REQUIREMENTS WITH TENANT

SUBMITTALS

THE GENERAL CONTRACTOR SHALL SUBMIT EACH SUBMITTAL PACKAGE TO THE ARCHITECT FOR REVIEW, ALLOW SUFFICIENT TIME TO THAT THE ARCHITECT WILL NOT BE DELAYED AS A RESULT OF THE REQUIRED TO PROCESS THE SUBMITTALS, INCLUDING THE TIME FOR RESUBMITTALS.

PRODUCT SUBSTITUTIONS

NO PRODUCTS SHALL BE SUBSTITUTED FOR THOSE SHOWN ON THE CONSTRUCTION DOCUMENTS UNLESS APPROVED IN WRITING BY THE ARCHITECT OR OWNER.

CHANGE ORDER REQUESTS

WHEN LATER OR OTHER UNFORESEEN CONDITIONS REQUIRE MODIFICATIONS TO THE CONTRACT, A SUB-CONTRACTOR MAY PROPOSE CHANGES BY SUBMITTING A REQUEST FOR CHANGE TO THE GENERAL CONTRACTOR. INCLUDE A LIST OF QUANTITIES OF PRODUCTS TO BE PURCHASED AND UNIT COSTS ALONG WITH THE TOTAL AMOUNT OF PURCHASES TO BE MADE. HEREFORE, REQUESTING FURNISHER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS.

INTERIOR CAULK:

TYPE: POLYURETHANE, SINGLE-COMPONENT, NON-SAG, ASTM G84.

LOCATIONS:

- A. PERIMETERS OF WINDOW DOORS, LOWER 4 ALL OTHER
- B. EXTERIOR WALL JOINTS
- C. OUTSIDE BOUND & BACKER BOARDS
- D. WINDOW TRIM

INTERIOR SEALANT IN AREAS EXPOSED TO WATER:

TYPE: SILICONE, GROUT, COMPOSITE, LOW MODULUS, NON SAG SEALANT, COMPLY WITH: ASTM G84, TYPE 5 OR 16 GRADE NS, CLASS 25

LOCATIONS:

- A. COUNTERTOPS
- B. TILE
- C. PLUMBING FIXTURES AND TRIM

EXTERIOR SEALANT

[illegible]

INTERIOR PAINT	EXTERIOR PAINT
SPRINKLER COUPLER VALVES	TYPICAL EXTERIOR PAINT
SPRINKLES, ALKALD INVEL, 140 QZ COATS	SEMIGLOSS, ALKALD INVEL, 140 QZ COATS
EXPOSED CONCRETE BLOCK WALLS	PAINT STEEL LATHES GLO TO MATCH BRICKS; THEY ARE SUPPORTING
SPRINKLES, ALKALD INVEL, 140 QZ COATS	FORMS
EXPOSED CONCRETE CURBS	NO. DESCRIBES ALL OF PROPOSED FORMS FOR APPLICATION OF PAINT
SPRINKLES, ALKALD INVEL, 140 QZ COATS	
FLAT LATH PLASTER FINISH	
SPRINKLER BRASS VALVE	
SPRINKLER BRASS VALVE	
LATCH INVEL, 140 QZ COATS	
EXPOSED CONCRETE, 140 QZ COATS	
WOOD TRIM, DOORS AND WINDOWS	
SPRINKLES, ALKALD INVEL, 140 QZ COATS	
EXPOSED CONCRETE, 140 QZ COATS	
WOOD TRIM, DOORS AND WINDOWS	
SPRINKLES, ALKALD INVEL, 140 QZ COATS	
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EXPOSED CONCRETE, 140 QZ COATS	
WOOD TRIM, DOORS AND WINDOWS	
SPRINKLES, ALKALD INVEL, 140 QZ COATS	

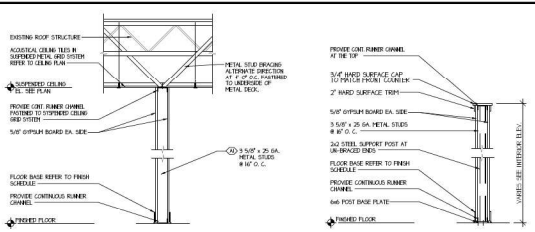
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Diagram illustrating the components of a roof assembly:

- EXISTING ROOF STRUCTURE
- ADDITIONAL GELB TIES IN SUPPORTS RETAIN AND TIES REFER TO CLAMP PLAN
- SUBPANEL FLOOR (SEE FLOOR)
- PROMOTE CORNER CHANNEL AT THE TOP
- 5/8" GYPSUM BONDED SLA. SEE
- 9 1/2" SOLID BATTES
- FLOOR BATT READER TO FINISH SCHEDULE
- PROMOTE CONTINUOUS RUBBER CHANNEL
- FINISHED FLOOR
- GYPSUM BONDED CEILING
- 2 1/2" x 12" x 25 GA. STEEL PLATE DISCONTINUED @ 2' CL. PLUMBING WALL REFER TO PLAN FOR DETAIL

ROOM	FLOOR		HALLS		TRIM/BASE		CEILINGS		REMARKS
	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	
CL SERVICE	PT-2	GRP	PT-1	GRP	PT-1	GRP	ACT-1	EX	SPOT PAINT FINISHED COORDINATE WITH TRIM
CL CORRIDOR	PT-2	GRP	PT-1	GRP	PT-1	GRP	ACT-1	EX	COORDINATE FINISHES WITH TRIM
CL KITCHEN	EX	EX	EX	EX	EX	EX	EX	-	SPOT PAINT FINISHED COORDINATE WITH TRIM
CL PANTRY STORAGE	EX	EX	EX	EX	EX	EX	EX	-	SPOT PAINT FINISHED COORDINATE WITH TRIM
CL BATH	EX	EX	EX	EX	EX	EX	EX	-	SPOT PAINT FINISHED COORDINATE WITH TRIM
CL TOILET	EX	EX	EX	EX	EX	EX	EX	EX	SPOT PAINT FINISHED COORDINATE WITH TRIM
CL HALL	PT-2	GRP	PT-1	GRP	PT-1	GRP	ACT-1	EX	COORDINATE FINISHES WITH TRIM
CL REAR ROOM	PT-2	GRP	PT-1	GRP	PT-1	GRP	ACT-1	EX	COORDINATE FINISHES WITH TRIM
CL STORAGE	PT-2	GRP	PT-1	GRP	PT-1	GRP	ACT-1	EX	COORDINATE FINISHES WITH TRIM

[illegible]

EXIT ENCLOSURES, EXIT PASSAGeways AND CORRIDORS SHALL HAVE GLASS AT INTERIOR HALL & CEILING FINISHES. IN ACCORDANCE WITH ASTM A584 RATINGS, ROOMS & ENCLOSURE SPACES SHALL HAVE CLASS "C" INTERIOR HALL & GLASS FINISHES. IN ACCORDANCE WITH ASTM A584 RATINGS.

FLOOR FINISHES SHALL BE CLASS "I" IN ACCORDANCE WITH NFPA 280 RATINGS.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING BETWEEN ALL TRADES TO INSURE THAT THE SUBSTRATES ARE PROPERLY PREPARED TO RECEIVE EACH FINISH MATERIAL. IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN RECOMMENDATIONS.

ALL ORTHOGONAL JOINTS (90° & 180° ENDS) ETC., SHALL BE PROPERLY FILLED, TAPED & SCAINED - INCLUDING UNFINISHED SPACES.

PRIOR TO APPLYING PAINT, PROPERLY APPLY CALK OR SEALANT AT ALL JOINTS AND/OR CRACKS IN THE SUBSTRATE IN ACCORDANCE WITH THE PAINT MANUFACTURERS WRITTEN RECOMMENDATIONS.

PROVIDE ONE COAT PRIMER OVER ALL SURFACES TO RECEIVE PAINT. THE PRIMER TYPE SHALL BE IN ACCORDANCE WITH THE PAINT MANUFACTURERS WRITTEN RECOMMENDATIONS.

THIN SET APPLICATIONS SHALL BE USED FOR ALL CERAMIC TILE.

[illegible]

TYPE	DESCRIPTION	MANUFACTURER	MODEL	FINISH	GENERAL COMMENTS
A1	PASSAGE LOCKOUT - LEVER HANDLE	SCALOG	A - LEV	SAT ORCOTE	PERMANENTLY CLOSED
A2	PASSAGE LOCKOUT - LEVER HANDLE	SCALOG	A - LEV	SAT ORCOTE	CLOSED
A3	PASSAGE LOCKOUT - LEVER HANDLE	SCALOG	A - LEV	SAT ORCOTE	3 HANDLES
B1	POUNCE (CRACKS)	SCALOG	BIGON	SAT ORCOTE	2. CLOSING
C1	1/2" X 1/2" BOLT HEADS - BRASS LEAF	BRASS	BR8279	SAT ORCOTE	FOUR LEAF
C2	1/2" X 1/2" BOLT HEADS - BRASS LEAF	BRASS	BR8279	SAT ORCOTE	FOUR LEAF
D1	CLOSING MOLD - OPENER LEAF	NORTON	8601 / 8502	SAT ORCOTE	PERMANENTLY CLOSED
E	MECHANISMS & SHIPET	REI	300A / 320C	MLL FILL	ALL
F	ALUMINUM THRESHOLD	PERKO	200A	MLL FILL	ALL
G	STAINLESS STEEL GARD SHIELD LEAVES	MLL	MLL T1	SAT ORCOTE	ALL 4TH FLOOR
H1	FLUSH STOP - EACH LEAF	MES	060	SAT ORCOTE	ALL
H2	FLUSH STOP - EACH LEAF	MES	P97	SAT ORCOTE	ALL

1. HINGERS & THRESHOLDS SHALL COMPLY WITH ALL APPLICABLE CURRENT STATE AND ACCESSIBILITY GUIDELINES.

PUSH OR PULL TO OPEN ANY DOOR SHALL NOT EXCEED FIVE POUNDS.

ON FIRE-RATED DOORS SHALL BE THRU-BOLTED.

HARDWARE:

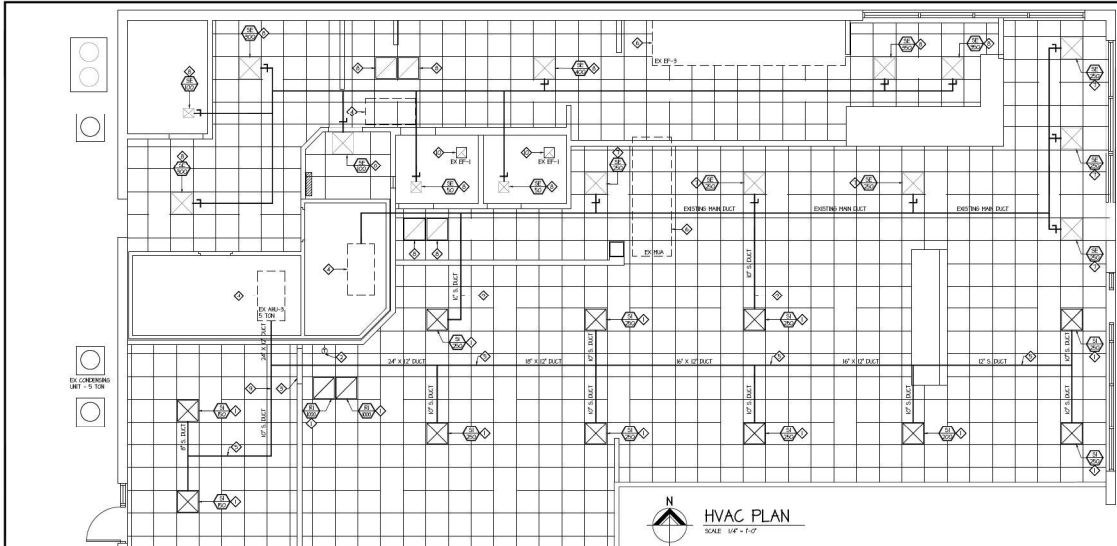
INSTALL HARDWARE ON ALL DOORS LEADING TO HAZARDOUS ROOMS.

DOORS

ALL DOORS SHALL BE READILY OPERABLE FROM THE SIDE FROM WHICH EGRESS IS TO BE MAINTAINED. THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. DEADBOLTS SHALL NOT BE USED ON EXITS FROM THE BUILDING.

HVAC General Notes

- COMPLETED SYSTEMS SHALL BE FULLY OPERATIONAL. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES IN ORDER TO AVOID INTERFERENCE AND ALL WORK SHALL COMPLY TO ALL LOCAL CODES AND ORDINANCES.
- THE BUILDING MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL MECHANICAL ELECTRICAL PLUMBING (IMEP) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL MECHANICAL ELECTRICAL PLUMBING (IMEP) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES.
- ALL CONDENSED REFRIGERANT BUILDINGS TO BE INSTALLED WITH A SLOPE FROM THE CONDENSER TO THE RECEIVER. THE SLOPE SHALL BE 1/8" PER FOOT. THE CONDENSER SHALL BE INSTALLED WITH A SLOPE FROM THE CONDENSER TO THE RECEIVER. THE SLOPE SHALL BE 1/8" PER FOOT.
- CONTRACTOR SHALL SUPPLY ALL CORRS, HANGERS, SUPPORTS, VALVES, ETC. REQUIRED FOR PROPER INSTALLATION OF EQUIPMENT.
- LAKEVIEW CONDENSER UNIT SHALL BE INSTALLED TO MEET FIELD CONDITIONS. A CONDENSER UNIT SHALL BE INSTALLED TO MEET FIELD CONDITIONS. A CONDENSER UNIT SHALL BE INSTALLED TO MEET FIELD CONDITIONS.
- CONTRACTOR TO VERIFY ALL CORRS, HANGERS, SUPPORTS, VALVES, ETC. REQUIRED FOR PROPER INSTALLATION OF EQUIPMENT.
- ALL TEMPERATURE CONTROLS, SENSORS, HANGERS, ETC. SHALL BE INSTALLED TO MEET FIELD CONDITIONS. A CONDENSER UNIT SHALL BE INSTALLED TO MEET FIELD CONDITIONS. A CONDENSER UNIT SHALL BE INSTALLED TO MEET FIELD CONDITIONS.
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HVAC PLAN
SCALE: 1/4\"/>

Air Device Schedule

- THIS SCHEDULE SHALL BE USED FOR ALL AIR DEVICES. ALL AIR DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL MECHANICAL ELECTRICAL PLUMBING (IMEP) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES.
- CONDENSED REFRIGERANT BUILDINGS TO BE INSTALLED WITH A SLOPE FROM THE CONDENSER TO THE RECEIVER. THE SLOPE SHALL BE 1/8" PER FOOT. THE CONDENSER SHALL BE INSTALLED WITH A SLOPE FROM THE CONDENSER TO THE RECEIVER. THE SLOPE SHALL BE 1/8" PER FOOT.
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Equipment Schedule

- CONDENSER UNIT: 2000 CFM 5 TON NORMAL COOLING CAPACITY. 1/2\"/>

HVAC Plan Notes

- CONDENSER UNIT: 2000 CFM 5 TON NORMAL COOLING CAPACITY. 1/2\"/>

Ventilation Schedule

ROOM DESCRIPTION	ROOM AREA SQ. FT.	OCCUPANTS PER ROOM	TOTAL OCCUPANTS	VENTILATION AIR REQUIRED	MECHANICAL VENTILATION				EQUIPMENT	
					CODE		ACTUAL			
				REQ. CFM PER PERSON	REQ. CFM	ACT. CFM	ACT. CFM	ACT. CFM	ACT. CFM	REMARKS
DRINK AREA	2056	10	144	75 CFM PER PERSON	1079	8779	3700	3000	0	EX-HAL-02 EX-HAL-03
STORAGE	106	15	2	75 CFM PER PERSON	185	185	700	500	0	EX-HAL-02 EX-HAL-02
ENTRANCE	98	-	-	0.12 CFM PER SF	134	134	400	80	0	EX-HAL-02 EX-HAL-02
							4408	4408	5500	RELA. INDEX=0.7
SHOP AREA	887	-	-	0.12 CFM PER SF	28	28	300	40	0	EX-HAL-02 EX-HAL-02
OFFICE	448	5	1	75 CFM PER PERSON	3	3	600	20	0	EX-HAL-02 EX-HAL-02
RESTROOM	240	-	-	0.12 CFM PER SF	5	5	600	40	0	EX-HAL-02 EX-HAL-02
MECHANICAL ROOM	3	-	-	0.12 CFM PER SF	10	10	300	10	0	EX-HAL-02 EX-HAL-02
STREET BENCH	46	-	-	10 EXHAUST CFM PER FAN	10	10	50	-	100	EX-HAL-03 EX-HAL-03
STREET BENCH	46	-	-	10 EXHAUST CFM PER FAN	-	-	50	-	100	EX-HAL-03 EX-HAL-03
STREET BENCH	266	-	-	0.12 CFM PER SF	32	32	300	50	0	EX-HAL-02 EX-HAL-02
TOTAL						16008	5988	5700		

A SHEET METAL DUCT DETAIL

NOT TO SCALE

B EXHAUST DUCT THRU ROOF

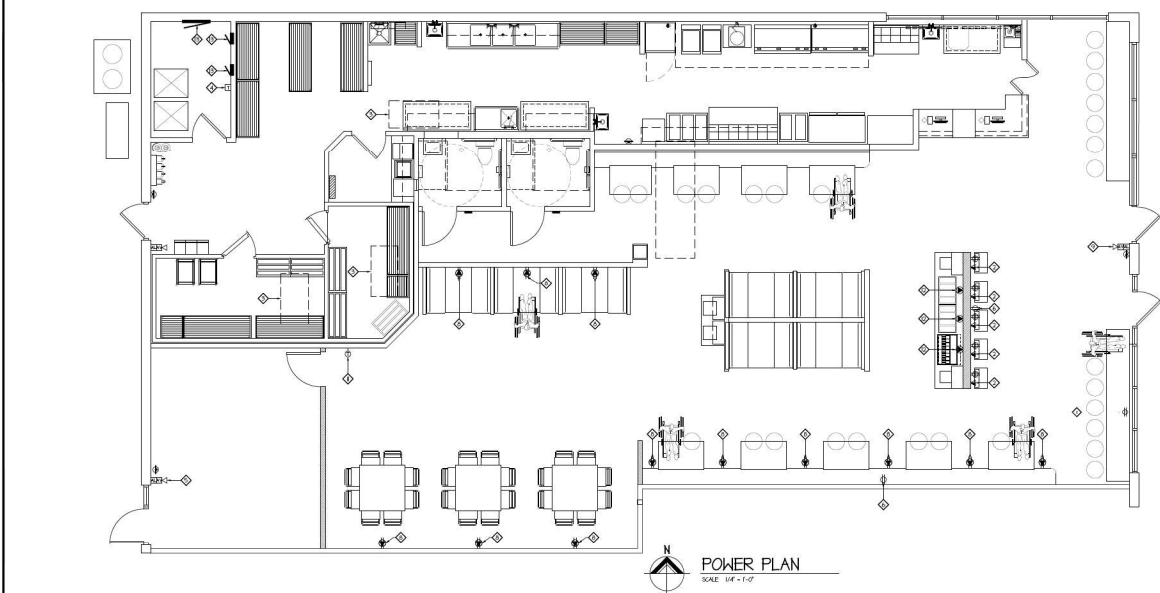
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C CEILING EXHAUST FAN DETAIL

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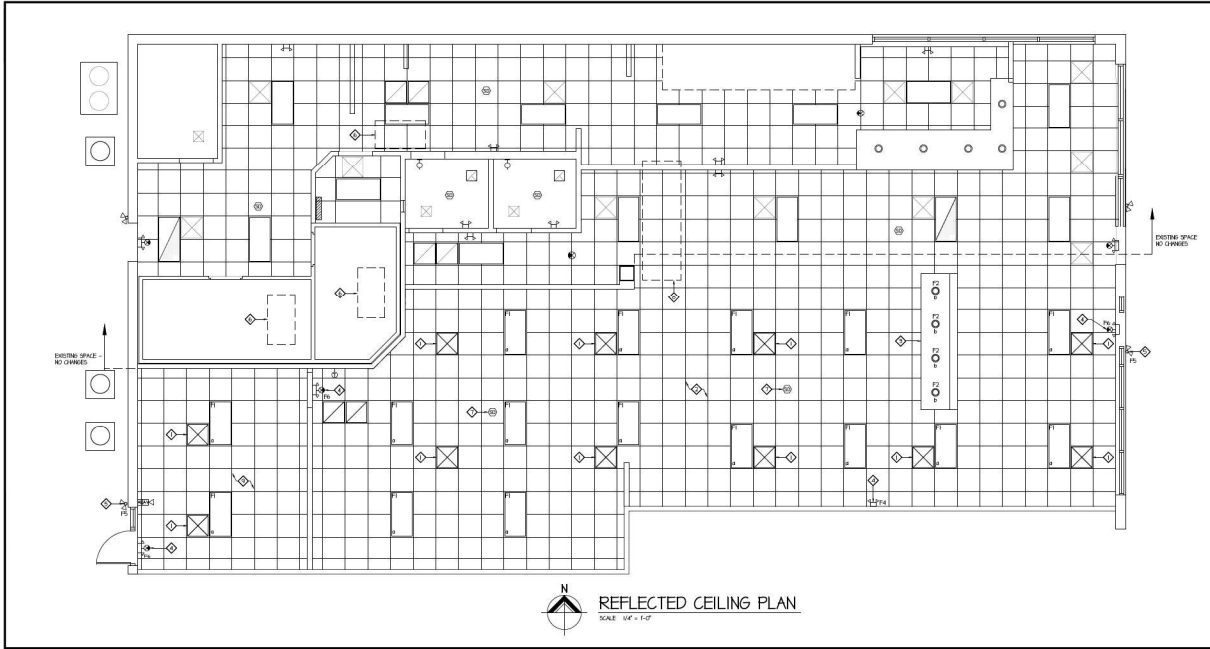
Power Plan Notes

1. INSPECT ROOM RECEPTACLE AND/OR CENTER TO CHARGE POWER PLAN OF ABOVE THE TOP OF THE WINDOW
2. CONFORMANCE DATE/TIME AND LOCATION WITHIN PLAN
3. EXISTING AND VERIFY LOCATION AND SIZE IN FIELD
4. EXISTING EXTERIOR WINDOW THE GLOSS
5. CONNECT TO WIRING TO EXISTING FIRE ALARM SYSTEM
6. EXISTING EXTERIOR WINDOW, CONFORMANCE HEIGHT AND LOCATION WITHIN PLAN
7. RELOCATE EXISTING RECEPTACLE AS REQUIRED BY THE CONNECTIONS I.F.P.
8. PROVIDER AND / POWER OUTLET
9. EXISTING FIRE ALARM BELL
10. EXISTING COULDBE/BEHIND OPRESSOR LOCK UP, SERVICE IF REQUIRED
11. REPAIR/REPLACE WITH SHORTER, CONFORMANCE LOCATION WITHIN THE PLAN, CONNECTION TO THE TYPICAL
12. CONFORMANCE DATE/TIME AND LOCATION WITHIN EQUIPMENT TYPICAL/REQUIREMENTS TYPICAL
13. EXISTING ELECTRICAL PANEL TO REMAIN

Fire Alarm Symbol List	
	FIRE ALARM CONTROL PANEL - 4002-0001
	GENERAL PULL STATION; 4017 F.P. - 2099-0756 SINGLE ACTION
	HORN / STROBE DEVICE - 4003-0201
	STROBE ONLY DEVICE - 4004-1001
	SMOKE DETECTOR - 2096-0021 / 2078 2096-021 BASE IF CEILING MOUNTED - TEST BY PULL OF FROM CALLER'S CALLS IF WALL MOUNTED - TEST BY AT THE C. AND P.W. 17. FROM CEILING
	DUCT SMOKE DETECTOR - 4006-0706

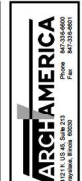
Electrical Symbol List			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ABOVE GROUND CABLE		DOUBLE INSULATED: 100% OF APPLICABLE RATED OR ABOVE FINISHED GRADE IS IN GROUND FOR INSULATED CABLES AT LOCATION WHERE THERE IS NO GROUND FOR INSULATED CABLES OR THROUGH A FLOOR
	ELECTRICIAN'S NOTE		DOUBLE INSULATED WITH GROUND: 100% OF RATED AT ALL TIMES - FINISHED GRADE - FINISHED IS GROUND LOCATION
	ELECTRICIAN'S NOTE		JUNCTION BOX SHALL NUMBER
	ELECTRICIAN'S NOTE		HAZARDOUS LOCATION SHALL NUMBER
	ELECTRICIAN'S NOTE		HAZARDOUS LOCATION SHALL NUMBER
	ELECTRICIAN'S NOTE		HAZARDOUS LOCATION SHALL NUMBER
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	ELECTRICIAN'S NOTE		HAZARDOUS LOCATION SHALL NUMBER
	ELECTRICIAN'S NOTE		

1. ALL COVER PLATES (SHIELDS), RECEIPTABLES AND TELEPHONES IN PROPOSED AREAS SHALL BE STANDARD SIZES, VENT-FIT TIGHT, WHITE, WITH LETTERS P.N. 5010.
2. ALL COVER PLATES (SHIELDS), RECEIPTABLES AND TELEPHONES IN PROPOSED AREAS SHALL BE STANDARD SIZES, VENT-FIT TIGHT, WHITE, WITH LETTERS P.N. 5010.
3. ALL RECEIPTABLES SHALL BE BLACK ON BLACK AND POSITIONED AS FOLLOWS:
 - A. BE SUBSCRIPT (RIGHT-TO-LEFT) MOUNTED VERTICALLY.
 - B. BE RECESSED INTO THE WALL.
 - C. HAVE RECEIPTABLE NUMBER P.N. 5010, COLOR-ALIGHT TONE.
4. ALL SIGNS SHALL BE BLACK ON BLACK, WHITE-ALIGHT TONE, 480X144X120MM.
5. SIGNS IN PROPOSED AREAS SHALL BE CONNECTED WITH TELEPHONE RINGS.
6. A SIGNALING HORN MUST BE USED TO NOTIFY THE GROUND PERSONNEL OF ANY RECEIPTABLES NOT BEING TERMINATED TO A HAZARDOUS LEVEL IN THE BACK OF THE BOX OR THE USE OF A WARNING SIGNAL ONLY.
7. REMOVE DEVICES NOT INDICATED AS EXISTING TO AVOID REFUSE REFER TO DESTRUCTION PLAN V.I.P.



Reflected Ceiling Plan Notes

- 1. PROVIDE ALL SUPPLY / RETURN
- 2. ALL ACCIDENTAL CEILING TIES IN A SUSPENDED METAL GRID SYSTEM
- 3. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 4. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 5. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 6. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 7. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 8. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 9. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 10. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM

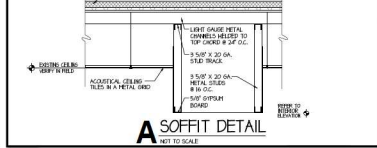


Light Fixture Schedule									
SYMBOL	TAG	MANUFACTURER	CATALOG NUMBER	LAMPS	NO.	TYPE	FINISH	MOUNTING	VOLTS
P1	CEILING LIGHTING	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P2	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P3	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P4	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P5	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P6	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P7	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P8	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P9	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V
P10	TRUCK	LED	LED 10 W	WHITE	RECESSED	LED	10 W	120 V	120 V

Wire Size Schedule									
120/208 VOLT 3Ø, 4W, CIRCUITS									
CIRCUIT BREAKER	CONDUCTOR & RACEWAY	BRANCH CIRCUIT DISTANCE	TYPE	SIZE	TYPE	SIZE	TYPE	SIZE	TYPE
120-3P + N	4 #12 ALI (90°C) - 1/2"	0 - 15'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	15' - 150'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	150' - 300'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	300' - 450'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	450' - 600'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	600' - 750'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	750' - 900'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	900' - 1050'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	1050' - 1200'	THHN	12	THHN	12	THHN	12	THHN
120-3P + N	4 #12 ALI (90°C) - 1/2"	1200' - 1350'	THHN	12	THHN	12	THHN	12	THHN

Panel Schedule "K1"									
NO.	DESCRIPTION	TYPE	SIZE	TYPE	SIZE	TYPE	SIZE	TYPE	SIZE
1	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
2	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
3	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
4	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
5	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
6	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
7	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
8	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
9	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12
10	120-3P + N	THHN	12	THHN	12	THHN	12	THHN	12

1. PROVIDE ALL SUPPLY / RETURN
2. ALL ACCIDENTAL CEILING TIES IN A SUSPENDED METAL GRID SYSTEM
3. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
4. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
5. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
6. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
7. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
8. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
9. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
10. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM



Notes									
1.	ALL CIRCUIT BREAKERS TO BE BUILT-IN TYPE BREAKERS								
2.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								
3.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								
4.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								
5.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								
6.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								
7.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								
8.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								
9.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								
10.	ALL 3Ø APP CIRCUITS TO BE FED WITH 3ØB 3Ø/4								

Light Fixture Notes

- 1. PROVIDE ALL SUPPLY / RETURN
- 2. ALL ACCIDENTAL CEILING TIES IN A SUSPENDED METAL GRID SYSTEM
- 3. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
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- 7. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 8. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 9. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM
- 10. ALL SUPPLY / RETURN TIES IN A SUSPENDED METAL GRID SYSTEM

DATE

25080

E2.1

Plumbing Procedure Notes

- ## Plumbing Material Notes

ALL MATERIALS SHALL BE NEW, OF FIRST QUALITY AND UL LISTED FOR THE

- ## Plumbing Symbol List

——— >> ———	SUSP SAN SUSPENDED SAN SENR.
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Drain Schedule

Plumbing Material Notes

- _____

- ARCH AMERICA**
34121 N. US 46, Suite 213
Graylake, Illinois 60030
Phone 847-339-6600
Fax 847-339-6601

REMODELED RESTAURANT A+
27651 Southfield Road
LATHRUP VILLAGE, MICHIGAN 48076 © 2024

PLUMBING NOTES & SCHEDULE

[illegible]

FOR PERMIT
8-13-2024

25080

D1.1

