

CONTRACT GENERAL NOTES:

01. THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO ANY WORK AND SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY SUBCONTRACTORS.
02. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREIN OR NOT AND TO PROTECT THEM FROM DAMAGE.
03. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EQUIPMENT AND COORDINATE WITH SUBCONTRACTORS AND SUPPLIERS FOR THE INSTALLATION OF THESE EQUIPMENT.
04. DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS. DO NOT SCALE DRAWINGS TO DETERMINE ANY LOCATIONS.
05. ALL WALL DIMENSIONS ARE NOMINAL FROM FACE OF FINISHED DRYWALL UNLESS OTHERWISE INDICATED.
06. THE CONTRACTOR SHALL REPORT TO THE OWNER / TENANT ANY ERRORS, INCONSISTENCIES, OR OMISSIONS HE MAY DISCOVER IN THE CONTRACT DOCUMENTS, PRIOR TO ANY WORK.
07. ALL CONSTRUCTION SHALL COMPLY WITH THE APPLICABLE BUILDING CODES AND WITH ALL LOCAL RESTRICTIONS.
08. THE GENERAL BUILDING PERMIT SHALL BE PAID FOR BY THE GENERAL CONTRACTOR. ALL OTHER PERMITS SHALL BE SECURED AND PAID FOR BY THE SUBCONTRACTOR DIRECTLY RESPONSIBLE. ALL IMPACT FEES AND UTILITY CONNECTION FEES TO BE PAID FOR BY OWNER / TENANT.
09. ALL DEBRIS SHALL BE REMOVED FROM PREMISES AND ALL AREAS SHALL BE LEFT IN A CLEAN (BROOM) CONDITION AT ALL TIMES.
10. CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER, AND TOILET FACILITIES AS REQUIRED.
11. THE OWNER / TENANT AND / OR HIS SUPPLIERS ARE RESPONSIBLE FOR RECEIVING, UNLOADING, UNCRATING, INSTALLATION, AND HOOK-UP OF ALL EQUIPMENT AND OTHER OWNER / TENANT FURNISHED ITEMS, EXCEPT THOSE SPECIFIED AS CONTRACTOR'S RESPONSIBILITIES.
12. APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN, IN GOOD CONDITION, ONE COMPLETE SET OF PLANS WITH REVISIONS, ADDENDA, AND CHANGE ORDERS.
13. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE OR REMEDY ANY FAULTY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP WHICH SHALL APPEAR WITHIN ONE (1) YEAR OR AS OTHERWISE SPECIFIED FOR A SPECIFIC COMPONENT AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT.
14. GENERAL CONTRACTOR IS TO PROVIDE BACKING AS REQUIRED FOR MOUNTING OF WALL MOUNTED SHELVES, CABINETS, HANDICAP GRAB BARS, ETC.
15. SILICONE CAULK SHALL BE USED AT THE FOLLOWING LOCATIONS:
 1. TABLE SPLASH AND WALL CONNECTION
 2. METAL OR WOOD DOORS AND FRAMES
 3. CONDUIT AND PIPE PENETRATIONS AT WALLS AND CEILINGS
 4. JUNCTION OF MILLWORK (CABINETS, SHELVES, BOOTHS)
 5. STAINLESS STEEL TO WALLS
16. DECORATIVE MATERIALS, DRAPES, HANGINGS, ETC. SHALL BE NON-FLAMMABLE OR FLAMEPROOF PER STATE FIRE MARSHAL REQUIREMENTS.
17. MINIMUM FLAME SPREAD CLASSIFICATION OF INTERIOR FINISH SHALL CONFORM TO THE BUILDING CODE AND LOCAL GOVERNING BUILDING CODES / ORDINANCES.
18. GYPSUM WALLBOARD AND SUSPENDED CEILING SYSTEMS SHALL CONFORM TO THE BUILDING CODE AND LOCAL GOVERNING CODES / ORDINANCES.
19. ALL GLASS AND GLAZING SHALL COMPLY WITH CHAPTER 54 OF THE U.S. CONSUMER PRODUCT SAFETY COMMISSION SAFETY STANDARDS FOR ARCHITECTURAL GLAZING MATERIALS (42 FR 1428: #16 CFR PART 1201).
20. PROVIDE BC RATED OR CLASS A RATED FIRE EXTINGUISHERS IN KITCHEN. CONTRACTOR IS TO VERIFY TYPE, LOCATION, AND SIZE WITH FIRE MARSHAL PRIOR TO PURCHASE AND INSTALLATION.
21. PROVIDE CLASS A RATED FIRE EXTINGUISHERS IN DINING AREAS. CONTRACTOR IS TO VERIFY TYPE, LOCATION, AND SIZE WITH FIRE MARSHAL PRIOR TO PURCHASE AND INSTALLATION.
22. HOT WATER TEMPERATURE AT ALL SINKS IS TO BE ADJUSTED SO AS NOT TO EXCEED 120 DEGREES FAHRENHEIT.
23. PROVIDE RODENT PROOF WEATHER-STRIPPING AT THE BOTTOM OF ALL EXTERIOR DOORS.
24. PROVIDE SOAP AND PAPER TOWEL DISPENSERS AT PUBLIC TOILETS AND KITCHEN HAND SINKS. VERIFY SPECIFIC LOCATIONS WITH OWNER / TENANT.

LIFE / FIRE SAFETY NOTES:

01. INSTALL EMERGENCY LIGHTING TO PROVIDE MINIMUM ONE FOOT CANDLE FLOOR ILLUMINATION. A FIRE INSPECTOR SHALL WITNESS AN OPERATIONAL TEST ON THE EMERGENCY LIGHTING PRIOR TO FINAL BUILDING APPROVAL.
02. FIRE EXTINGUISHERS - SIZE, TYPE, NUMBER, AND LOCATION MUST BE DETERMINED AT TIME OF FINAL INSPECTION.
03. COMMERCIAL COOKING EQUIPMENT SHALL BE PROTECTED WITH A HOOD EXTINGUISHING SYSTEM IN ACCORDANCE WITH NFPA (SEC. 7-2.3 NFPA 101, 97 ED.). OPERATIONAL TRIP TEST ON KITCHEN HOOD SYSTEM TO BE WITNESSED BY A FIRE INSPECTOR.
04. LOCKING DEVICES ON REQUIRED EXIT DOORS SHALL NOT REQUIRE THE USE OF A KEY FOR OPERATION FROM INSIDE THE BUILDING (5-2.1.5.1 NFPA 101, 97 ED.).
05. POST LEGIBLE SIGN STATING MAXIMUM NUMBER OF OCCUPANTS PERMITTED BASED ON NEW AND EXISTING EXITS.
06. HVAC SYSTEM SHALL COMPLY WITH NFPA 90A (REFERENCE CHAPTER 4, CONTROLS). IN SYSTEMS OF OVER 2000 CFM CAPACITY, SMOKE DETECTORS APPROVED FOR DUCT INSTALLATION SHALL BE INSTALLED AT A SUITABLE LOCATION IN:
 1. THE MAIN SUPPLY DUCT ON THE DOWNSTREAM SIDE OF THE FILTERS TO AUTOMATICALLY STOP THE FAN.
 2. THE RETURN AIR STREAM, PRIOR TO EXHAUSTING FROM THE BUILDING OR BEING DILUTED BY OUTSIDE AIR, TO AUTOMATICALLY EXHAUST THE SMOKE-LADEN RETURN AIR OR TO STOP THE FAN.

*****EXCEPTIONS:

 1. THE SMOKE DETECTOR IN THE RETURN AIR MAY BE OMITTED IN SYSTEMS OF LESS THAN 15,000 CFM CAPACITY.
 2. BOTH DETECTORS MAY BE OMITTED PROVIDED THAT THE SYSTEM IS LESS THAN 15,000 CFM CAPACITY, THE ENTIRE SYSTEM IS WITHIN THE SPACE SERVED, AND SUCH SPACE IS PROTECTED BY AN AREA SMOKE DETECTION SYSTEM.
07. WHERE A FIRE ALARM SYSTEM IS REQUIRED ON A BUILDING, THE SMOKE DETECTORS USED TO SHUT DOWN FANS WILL ALSO INITIATE THE FIRE ALARM SYSTEM (4-5.3 NFPA 90A, 97 ED.).

BENTO CAFE ADDITION

AN INTERIOR ALTERATION / TENANT BUILD-OUT IN GAINESVILLE, FLORIDA

PROJECT DATA:

PROJECT NAME: BENTO CAFE ADDITION
PROJECT ADDRESS: 3841 S.W. ARCHER ROAD, SUITE D GAINESVILLE, FLORIDA 32608
TENANT NAME: BC ARCHER LLC.
TENANT ADDRESS: 3841 S.W. ARCHER ROAD, SUITE D GAINESVILLE, FLORIDA 32608
APPLICABLE CODES: FLORIDA BUILDING CODE 2007 - BUILDING
 FLORIDA BUILDING CODE 2007 - EXISTING BUILDING
 FLORIDA BUILDING CODE 2007 - RESIDENTIAL
 FLORIDA BUILDING CODE 2007 - MECHANICAL
 FLORIDA BUILDING CODE 2007 - FUEL GAS
 FLORIDA BUILDING CODE 2007 - PLUMBING
 NEC (NATIONAL ELECTRIC CODE) 2008
 NFPA 101 (LIFE SAFETY CODE) 2006
 FLORIDA FIRE PREVENTION CODE 2007
BUILDING DATA:
TYPE OF CONSTRUCTION: TYPE V UNPROTECTED (ORIGINAL BUILDING COMPLETED UNDER FBC 2000 CODE)
SPRINKLERED: YES
PROPOSED OCCUPANCY: ASSEMBLY GROUP A (A-2, RESTAURANT)
OCCUPANCY SEPARATION: A 2-HOUR RATED TENANT SEPARATION WALL IS REQUIRED FOR THIS OCCUPANCY CLASSIFICATION. HOWEVER, A REDUCTION TO A 1-HOUR RATED DEMISING WALL IS ALLOWED, SINCE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM. DEMISING WALLS ARE EXISTING.

PROJECT DATA:

BUILDING DATA:
TOTAL FLOOR AREA: TOTAL TENANT SPACE OF 3,992 SQ. FT. (2,452 SQ. FT. EXISTING + 1,540 SQ. FT. ADDITION) PLEASE SEE SHEET A-1.
STORIES: ONE
SEATING: 164 SEATS (124 INSIDE SEATS + 20 OUTSIDE SEATS + 20 FUTURE OUTSIDE SEATS)
OCCUPANCY LOAD: 132 OCCUPANTS TOTAL. PLEASE SEE OCCUPANCY LOAD CALCULATION ON SHEET A-3 FOR MORE INFO.
PLUMBING CALCULATIONS: WATER CLOSETS 1 PER 75 (MALE)
 WATER CLOSETS 1 PER 75 (FEMALE)
 LAVATORIES 1 PER 200 (MALE & FEMALE)
 172 TOTAL (132 OCCUPANTS + 40 OUTSIDE SEATS)
 172 OCCUPANTS / 2 = 86 PER GENDER
RESTROOMS: NEW RESTROOMS ARE TO MEET ALL ADA ACCESSIBILITY REQUIREMENTS.

	PROVIDED			REQUIRED		
	MEN	WOMEN	EMPLOYEE	MEN	WOMEN	EMPLOYEE
WATER CLOSETS	1	2	1	1	2	0
LAVATORIES	2	2	1	2	2	0
URINALS	1	0	0	1	0	0

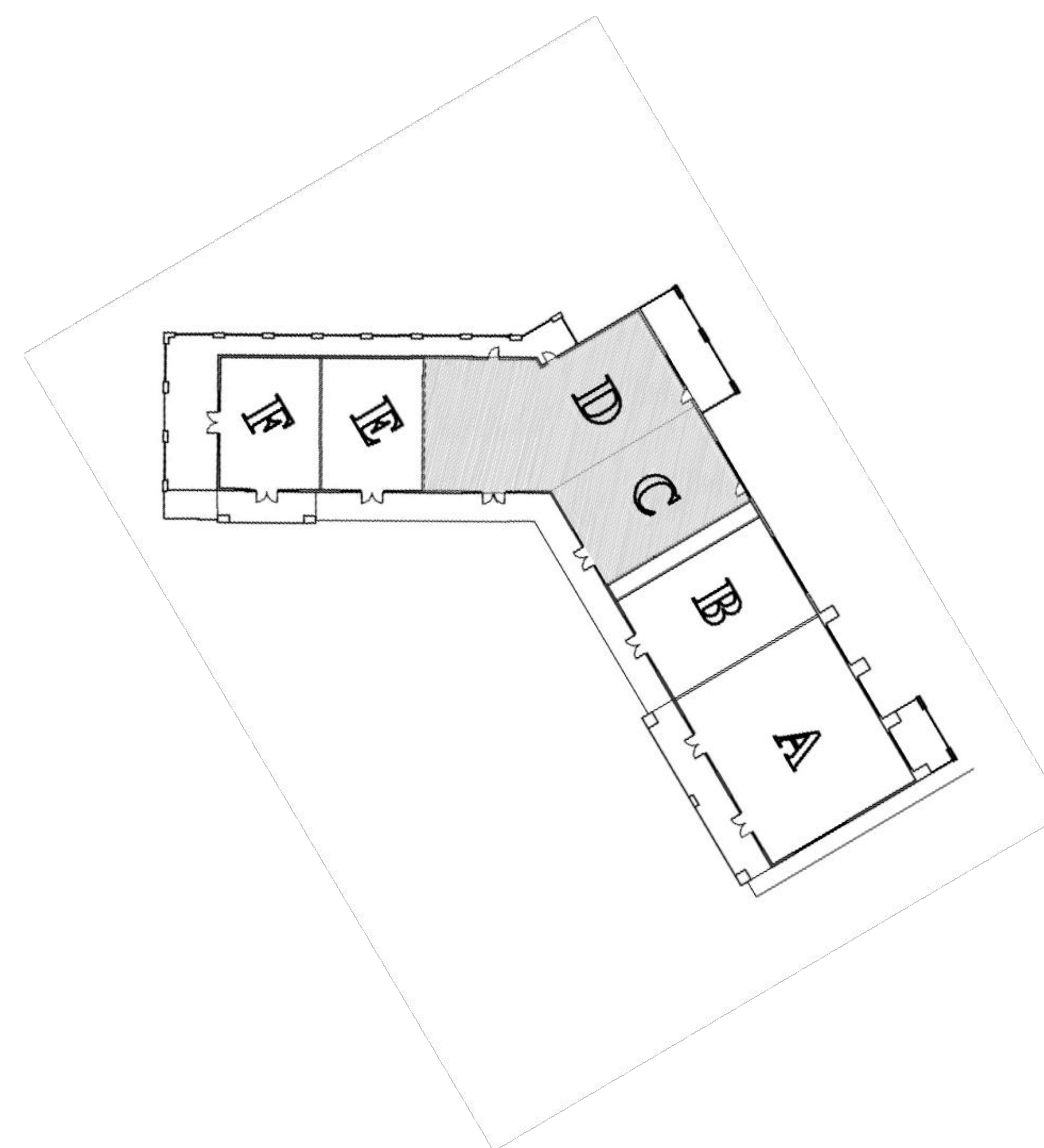
REQUIRED EXITS: 2 EXITS ARE REQUIRED, 3 EXITS ARE PROVIDED
UNDER SEPARATE PERMIT: OUTSIDE SEATING

INDEX OF DRAWINGS:

- C-1 COVER SHEET
- A-1 EXISTING PLAN
- A-2 DEMOLITION PLAN
- A-3 LIFE SAFETY PLAN
- A-4 FLOOR PLAN
- A-5 REFLECTED CEILING PLAN
- E-1 ELECTRICAL PLAN
- E-2 LIGHTING PLAN
- M-1 MECHANICAL PLAN & DETAIL
- P-1 PLUMBING PLAN



2 VICINITY MAP
C-1 NOT TO SCALE



1 KEY PLAN
C-1 NOT TO SCALE

REV.	NO.	DATE	ISSUE HISTORY
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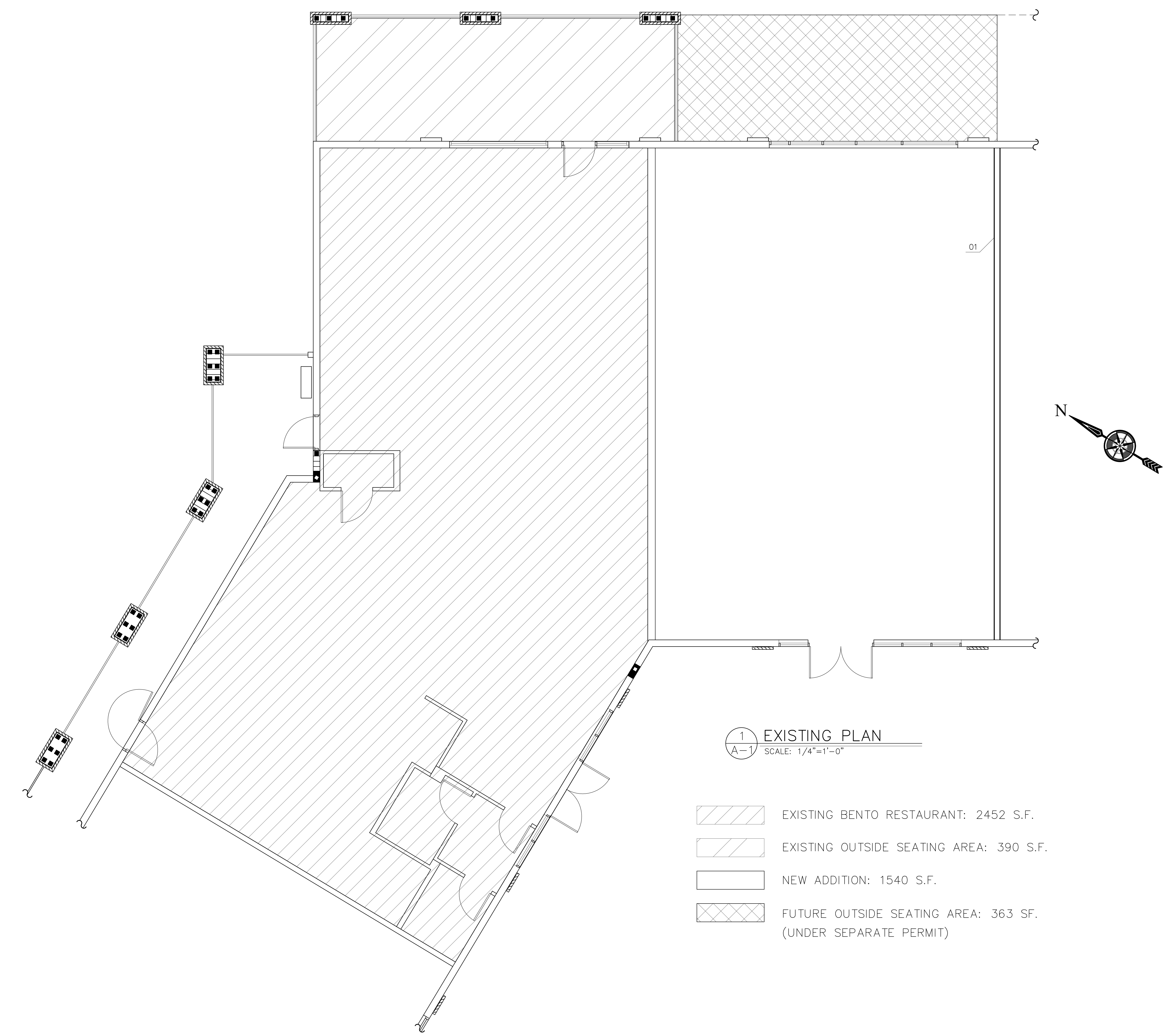
BENTO CAFE ADDITION
 3841 S.W. ARCHER ROAD, SUITE D GAINESVILLE, FLORIDA 32608
 Drawn By: NY
 Checked By: GF
 Approved By: GF
 Date: 07-27-10
 Proj: A1004066

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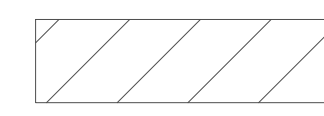
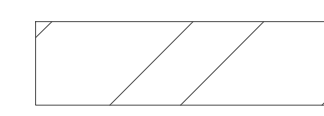
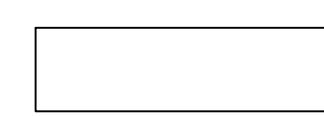
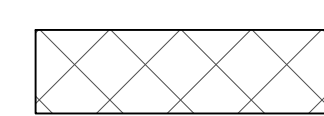
COVER SHEET C-1

NOTES:

01. EXISTING FIRE RATED DEMISING WALL (MIN. 1 HR. REQUIRED).



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

-  EXISTING BENTO RESTAURANT: 2452 S.F.
-  EXISTING OUTSIDE SEATING AREA: 390 S.F.
-  NEW ADDITION: 1540 S.F.
-  FUTURE OUTSIDE SEATING AREA: 363 SF. (UNDER SEPARATE PERMIT)

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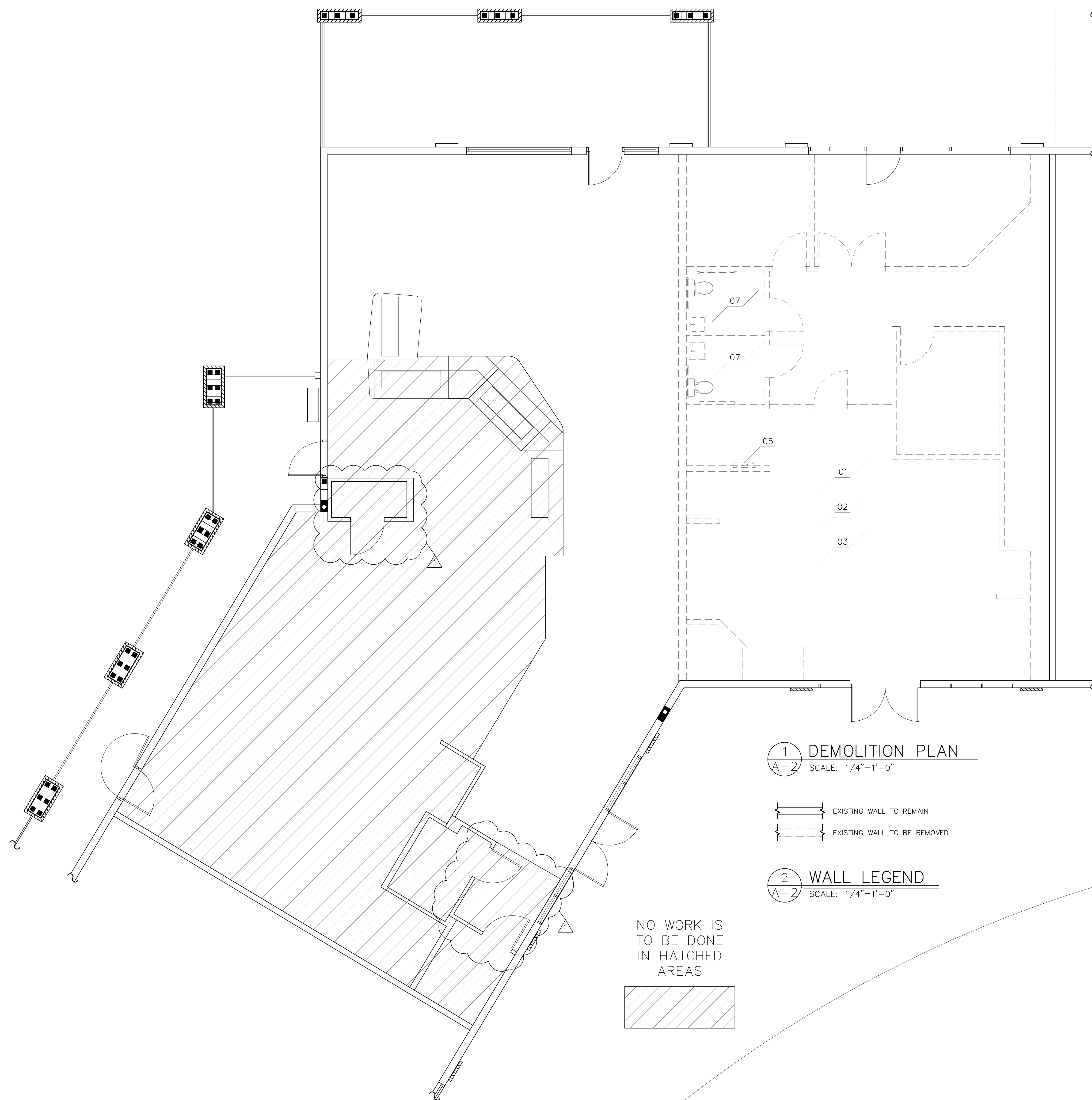
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EXISTING PLAN A-1

NOTES:

01. DEMOLISH ALL INTERIOR PARTITION INCLUDING DEMISING WALL. ALL PARTITION SHOWN FOR DEMO ARE NON-STRUCTURAL.
02. DEMOLISH ALL EXIST. FLOORING.
03. DEMOLISH ALL ACOUSTIC CEILING.
04. DEMOLISH ALL DUCTS THAT ARE NOT NEEDED FOR NEW LAYOUT. SEE M-1.
05. RELOCATE ELEC. PANEL TO NEW LOCATION. SEE E-1.
06. DEMOLISH ALL OUTLETS AND LIGHTS. REUSE CONDUCTS AND JUNCTION BOXES WHERE POSSIBLE.
07. REMOVE EXIST. PLUMBING FIXTURES AND CAP ALL ABANDONED PIPES.

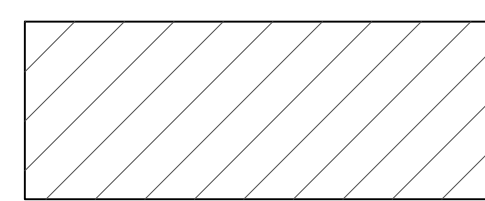


1 DEMOLITION PLAN
A-2 SCALE: 1/4"=1'-0"

— EXISTING WALL TO REMAIN
- - - EXISTING WALL TO BE REMOVED

2 WALL LEGEND
A-2 SCALE: 1/4"=1'-0"

NO WORK IS TO BE DONE IN HATCHED AREAS



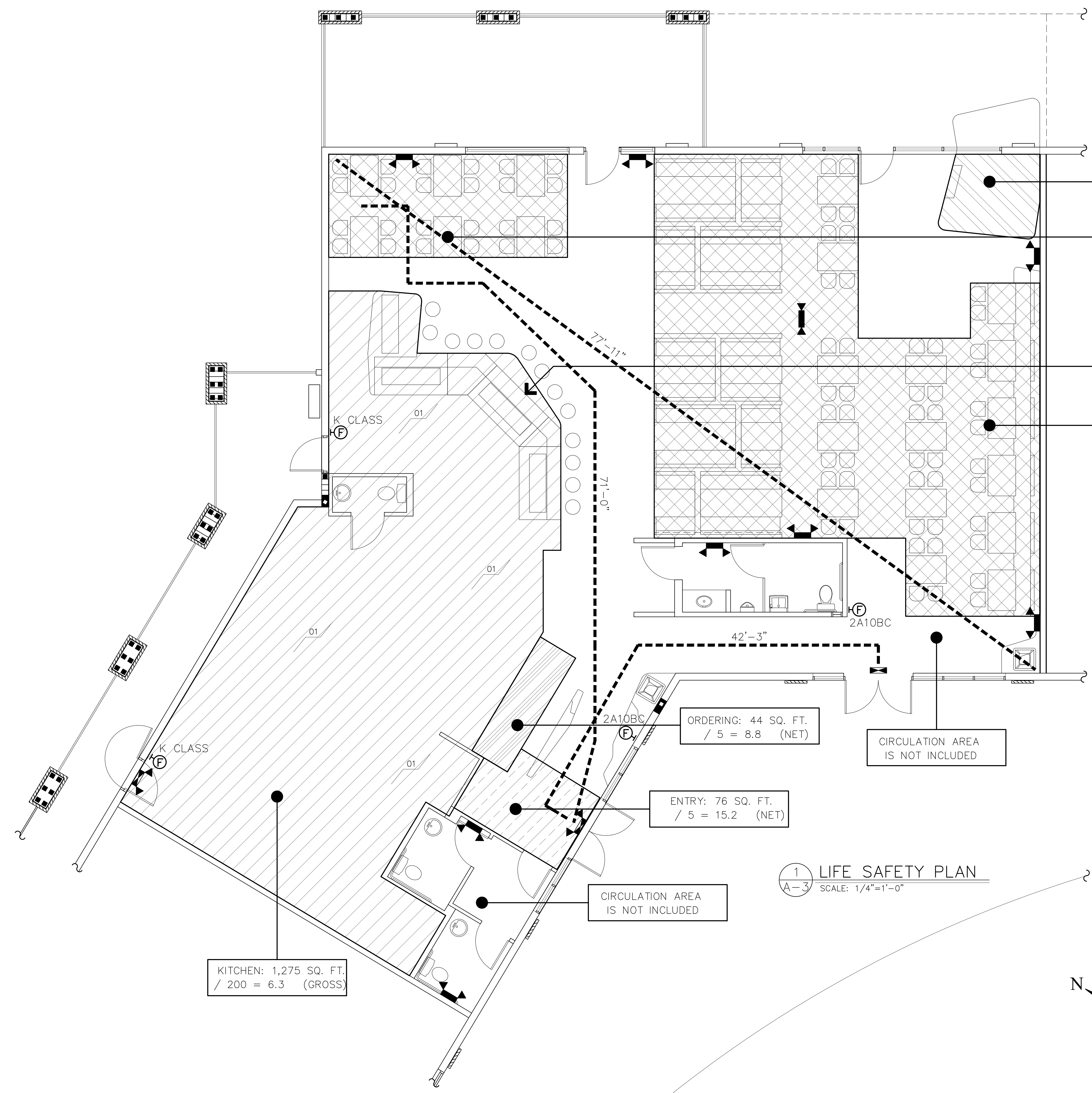
REV. NO.	DATE	ISSUE HISTORY
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1	09-03-10	REVIEW COMMENTS

BENTO CAFE ADDITION 3841 S.W. ARCHER ROAD, SUITE D GAINESVILLE, FLORIDA 32608		Drawn By: NY Checked By: GF Approved By: GF Date: 07-27-10 Proj: A1004066
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NOTES:

01. NO WORK IN KITCHEN AND SERVICE AREAS.



STAGE: 61 SQ. FT.
/ 15 = 4.1

DINING 1: 200 SQ. FT.
/ 15 = 13.3 (NET)

BAR: 29'-6" L.F.
/ 2 = 14.7

DINING 2: 1046 SQ. FT.
/ 15 = 69.7 (NET)

OCCUPANCY LOAD CALCULATION:

ENTRY	S.F.	15.2	
ORDERING:	S.F.	8.8	
DINING 1:	S.F.	13.3	
DINING 2:	S.F.	69.7	
KITCHEN:	S.F.	6.3	
STAGE:	S.F.	4.1	
BAR:	L.F.	14.7	
TOTAL OCCUPANTS:		132.1	= 132

KITCHEN: 1,275 SQ. FT.
/ 200 = 6.3 (GROSS)

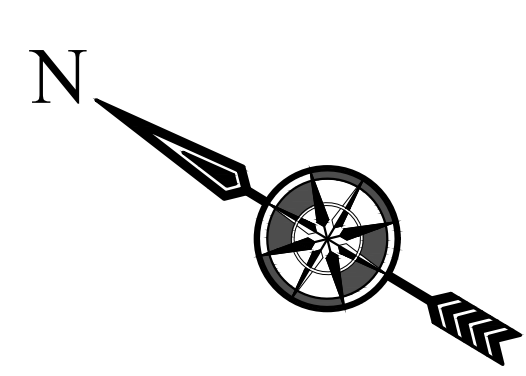
ORDERING: 44 SQ. FT.
/ 5 = 8.8 (NET)

ENTRY: 76 SQ. FT.
/ 5 = 15.2 (NET)

1 LIFE SAFETY PLAN
SCALE: 1/4"=1'-0"

CIRCULATION AREA IS NOT INCLUDED

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NOTES:

- NO WORK IN KITCHEN AND SERVICE AREAS.
- ADD 1 SUSHI STATION TO SUSHI BAR.
- REARRANGE SEATING.
- ADD CEILING SOFFIT AS SHOWN (OPTIONAL).
- ADJUST LIGHTING, SEE SHEET A-5.
- ADJUST HVAC AS NEEDED.
- ADD FEATURE RAIL (OPTIONAL) AND COUNTER.
- ALL FINISHES TO BE SELECTED BY OWNER AND/OR CONTRACTOR AND SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES.
- ALL WALL AND CEILING FINISH MATERIALS INCLUDING VINYL AND RUBBER BASE, SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E-84 AND SHALL COMPLY WITH CLASS B INTERIOR FINISH WITH FLAME SPREAD 26-75 AND SMOKE DEVELOPED 0-450. FLOORING MATERIALS SHALL HAVE A MINIMUM OF CLASS II INTERIOR FLOOR FINISH RATING AS CLASSIFIED IN ACCORDANCE WITH NFPA 253.
- ALL FURNISHINGS AND EQUIPMENT TO BE PROVIDED AND INSTALLED BY THE OWNER/TENANT AND/OR HIS SUPPLIERS. ALL PLUMBING, ELECTRICAL, AND GAS CONNECTIONS TO EQUIPMENT BY CONTRACTOR.
- PLEASE COORDINATE WITH THE OWNER REGARDING ADDITIONAL EQUIPMENT REQUIREMENTS, SUCH AS UNDERGROUND CONDUITS OR PIPING THAT MAY BE NEEDED FOR ELECTRICAL OR PLUMBING.
- PRIOR TO CONSTRUCTION, CHECK WITH OWNER FOR LOCATIONS OF SHELVING TO PROVIDE ADEQUATE BLOCKING.
- FIELD VERIFY LOCATIONS OF ALL WALLS (LENGTHS AND HEIGHTS) WITH EQUIPMENT SIZES AND CLEARANCE REQUIREMENTS.
- ALL DOOR EQUIPMENT AND HARDWARE SHALL MEET ALL FEDERAL, STATE, AND LOCAL GUIDELINES FOR HANDICAP ACCESSIBILITY.
- PROVIDE MIN. 5% OF TABLES AS ACCESSIBLE TABLES BETWEEN 28" AND 34" H, WITH MINIMUM KNEE SPACE OF 27" H x 30" W x 19" D.
- TOP OF FIRE EXTINGUISHERS SHALL NOT BE MORE THAN 5'-0" A.F.F. AND BOTTOM SHALL NOT BE LESS THAN 4" A.F.F.

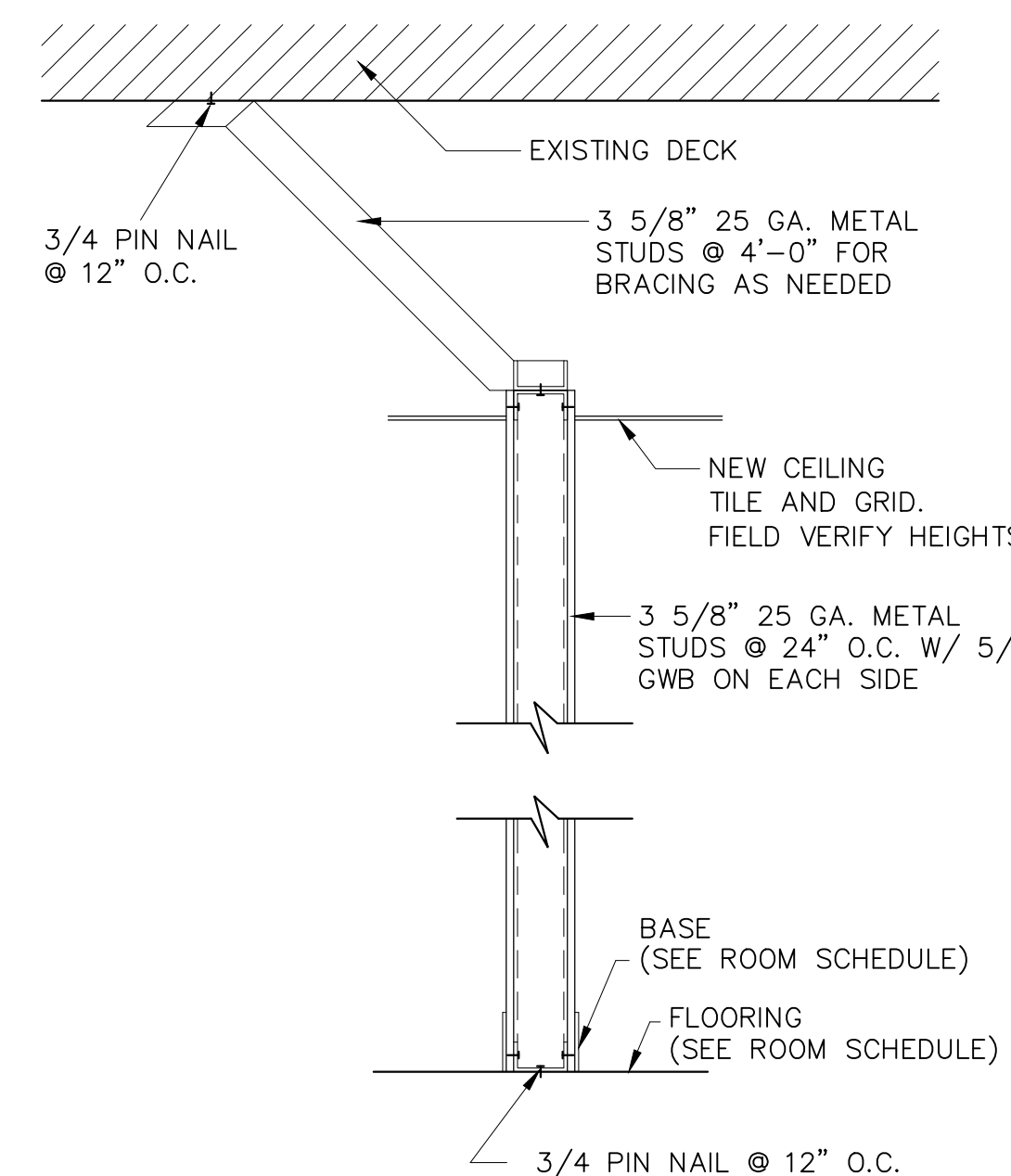
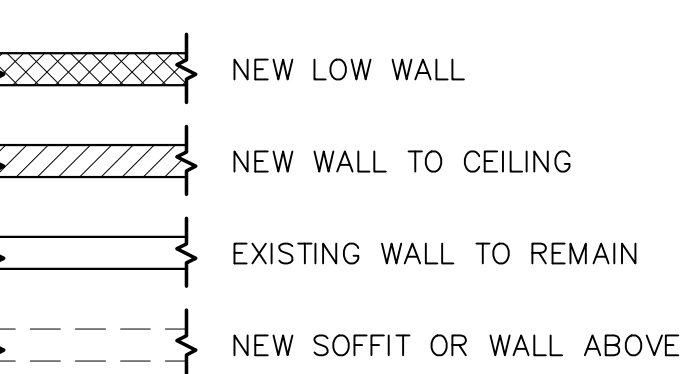
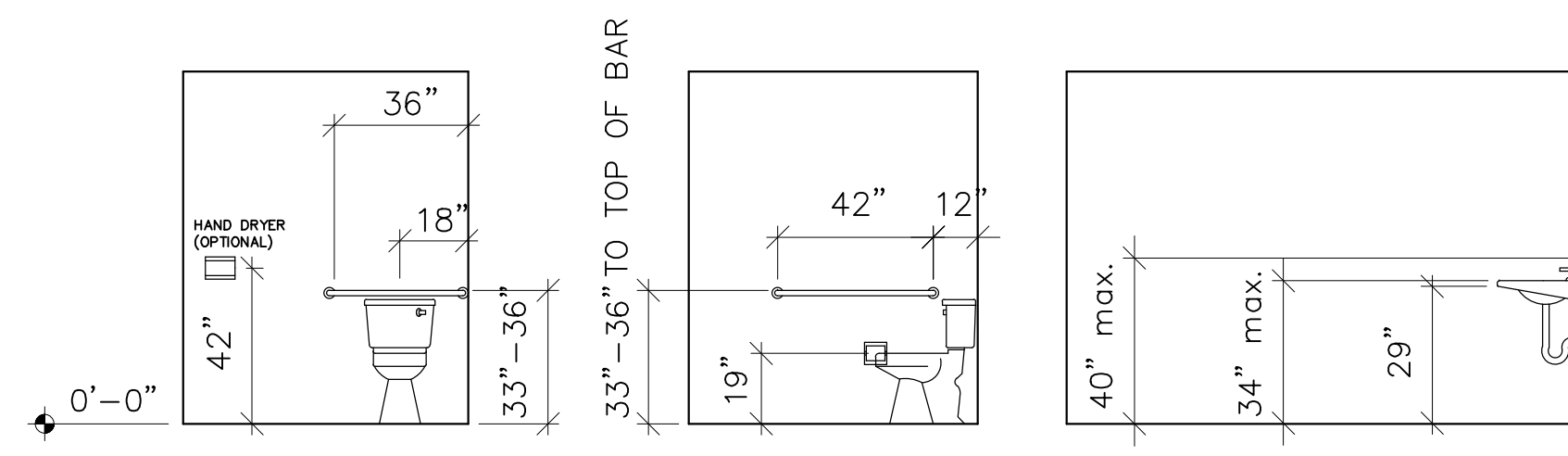
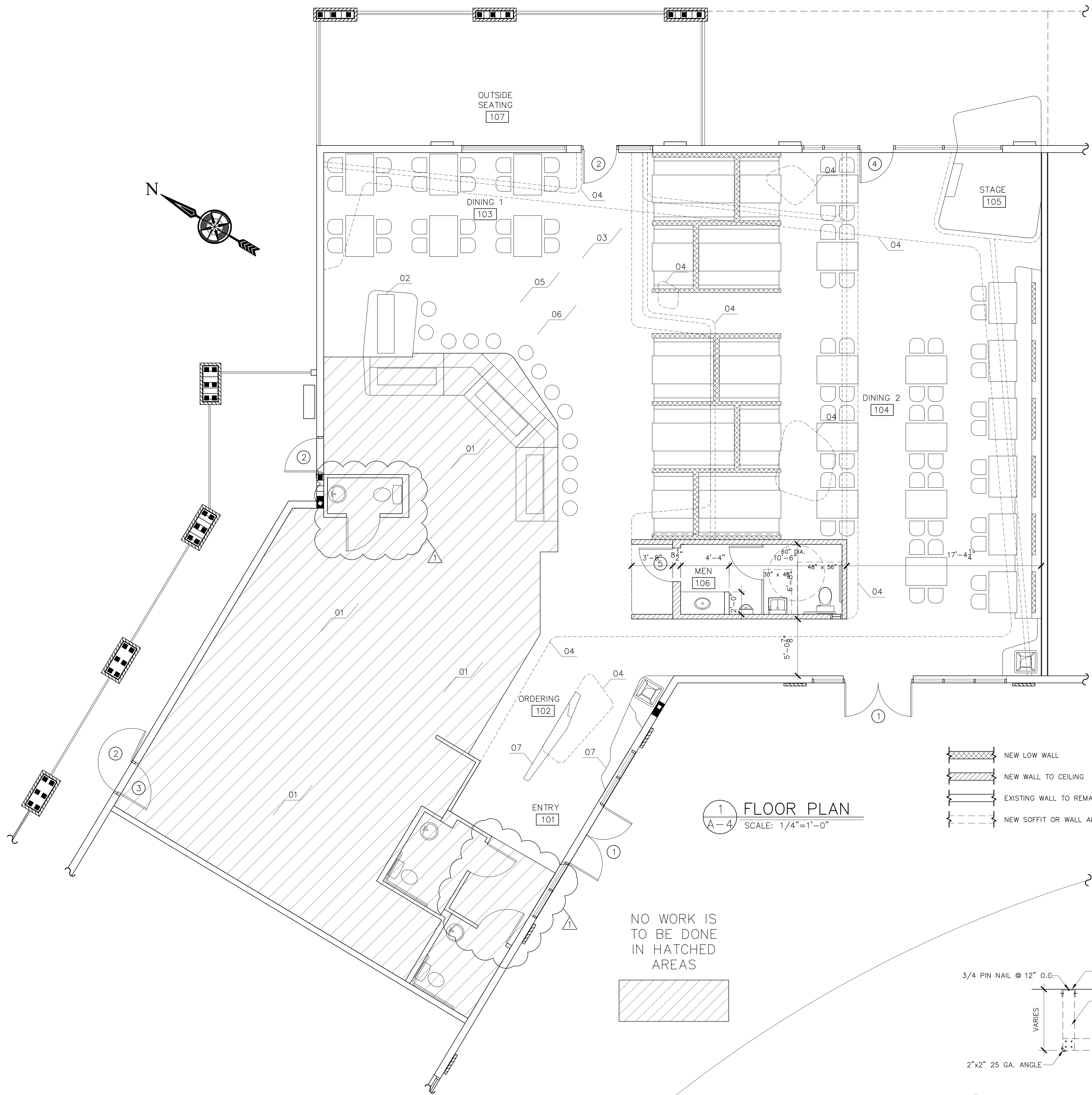
ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS				WANSKOT	CEILING	HEIGHT	REMARKS
				NORTH	EAST	SOUTH	WEST				
101	ENTRY	cT	cT	D	P	D	P	D	D	9'-8"	
102	ORDERING	cT	cT	D	P	D	P	D	D	9'-8"	
103	DINING 1	cT	cT	D	P	D	P	D	D	12'-0"	
104	DINING 2	cT	cT	D	P	D	P	D	D	12'-0"	
105	STAGE	Wd	Wd	D	P	D	P	D	D	9'-8"	
106	MEN	cT	cT	D	P	D	P	D	D	8'-0"	
107	OUTSIDE SEATING	Co	--	D	P	D	P	D	D	--	

FLOOR / BASE:		Co / --	CONCRETE	CEILING:	
vT / vS	VINYL TILE / VINYL	Wd / Wd	WOOD	D:	DRYWALL
Co / vS	CARPET / VINYL	Wd / Wd	WOOD	L2:	2' x 2' LAY-IN TILE
cT / cT	CERAMIC TILE	D:	DRYWALL	L4:	2' x 4' LAY-IN TILE
pT / pT	PORCELAIN TILE	P:	PAINT		
qt / qt	QUARRY TILE	P:	PAINT		

DOOR NUMBER	DOOR SIZE	TYPE	THICKNESS	CONSTRUCTION	FACING / FINISH	GLASS	RATING	FRAME	HEAD / JAMB	SILL	HARDWARE GROUP	REMARKS
1	6'-0" x 7'-0"	--	--	AI	--	Y	--	AI	--	--	1	EXISTING STOREFRONT DOORS
2	3'-0" x 7'-0"	--	--	AI	--	Y	--	AI	--	--	1	EXISTING STOREFRONT DOORS
3	3'-0" x 7'-0"	--	--	3/4"	AI	--	--	AI	--	--	--	EXISTING ALUMINUM SCREEN DOOR
4	3'-0" x 7'-0"	--	--	AI	--	Y	--	AI	--	--	--	FUTURE STOREFRONT DOOR
5	3'-0" x 6'-8"	--	1/2"	Sc	P	N	--	Hm	--	--	--	NEW RESTROOM DOORS

CONSTRUCTION / FRAME:		AI / AI	ALUMINUM STOREFRONT
Hc / Wd	HOLLOW CORE WOOD / WOOD	Hm / Hm	HOLLOW METAL
Sc / Wd	SOLID CORE WOOD / WOOD	FACING / FINISH:	
Wt / Wd	WOOD FENCING / WOOD	P:	PAINTED

HARDWARE GROUP #1	HARDWARE GROUP #2	HARDWARE GROUP #3	HARDWARE GROUP #4
1 1/2 PR BUTTS	1 1/2 PR BUTTS	1 1/2 PR BUTTS	2 SPRING LOADED HINGES
1 KEYPED LOCK SET	1 LEVER LOCK SET	1 KEYPED LOCK SET	2 PUSH PLATES
1/4" THUMB TURN	1 DOOR CLOSER	1 STOP	2 STOPS
1 PULL HANDLE	1 STOP		
1 DOOR CLOSER			



REV. NO.	DATE	ISSUE HISTORY
4		
3		
2		
1	09-03-10	REVIEW COMMENTS

BENTO CAFE ADDITION
 3841 S.W. ARCHER ROAD, SUITE D
 GAINESVILLE, FLORIDA 32608

Drawn By: NY
 Checked By: GF
 Approved By: GF
 Date: 07-27-10
 Proj: A1004066

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NOTES:

- 01. NO WORK IN KITCHEN AND SERVICE AREAS.
- 02. ADD CEILING SOFFIT AS SHOWN (OPTIONAL).

CEILING LEGEND:

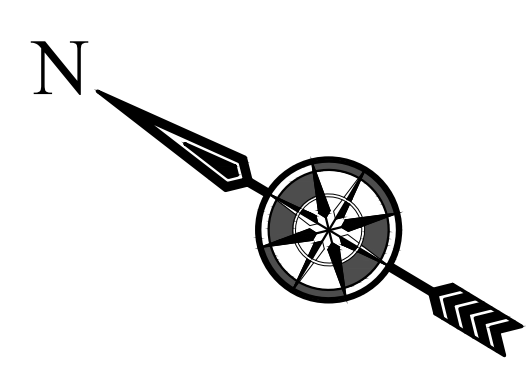
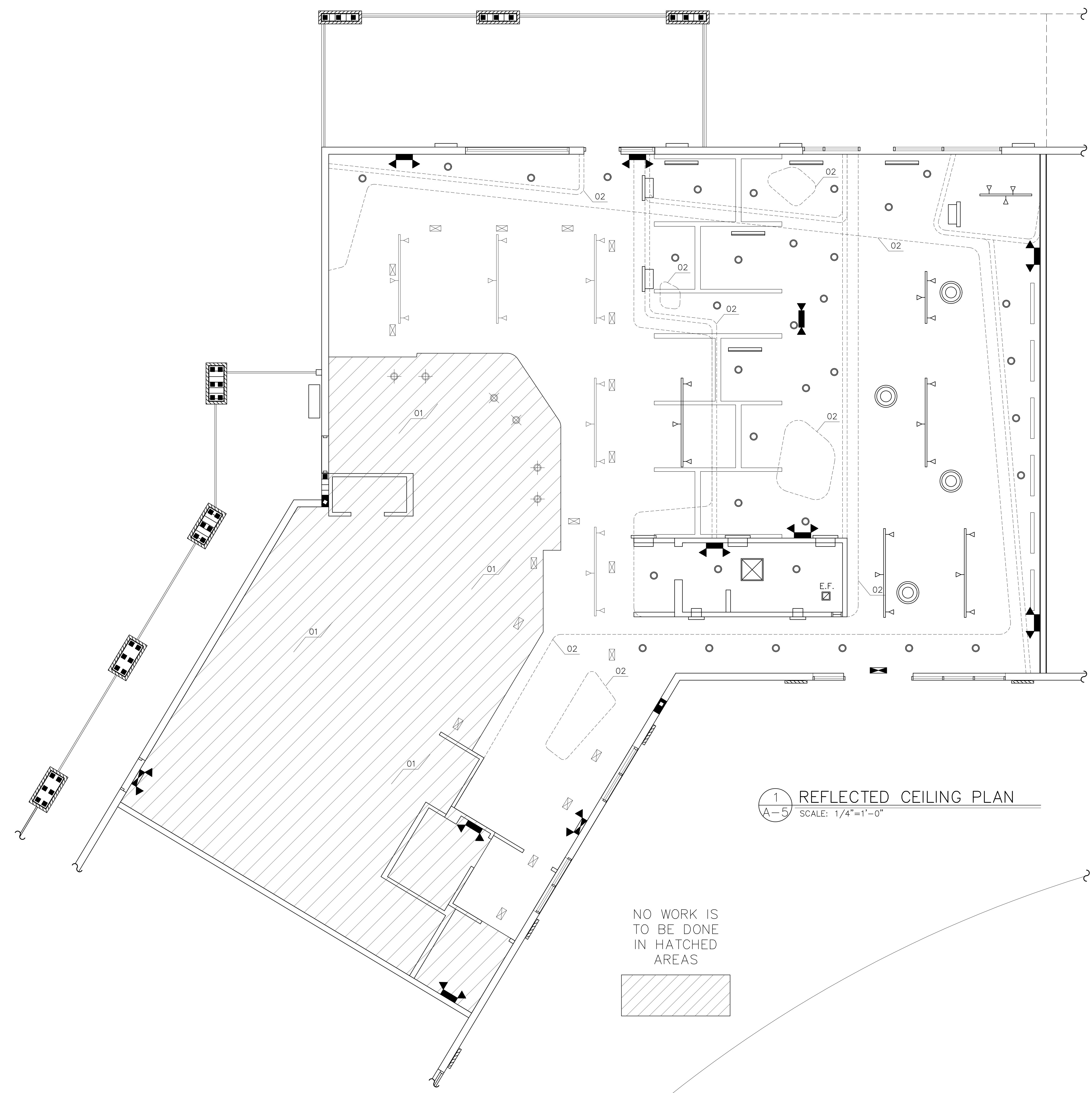
- NEW EXIT LIGHT
- NEW EMERGENCY LIGHT
- NEW EXIT & EMERGENCY LIGHT COMBO
- NEW 2' x 4' FLUORESCENT LIGHT
- NEW CEILING MOUNTED PENDANT LIGHT
- NEW CUSTOM LIGHT FIXTURE
- NEW RECESSED LIGHT
- NEW TRIMLESS LIGHT
- NEW TRACK LIGHT
- NEW TRACK MOUNTED PENDANT LIGHT
- NEW COVE LIGHT
- NEW EXHAUST FAN
- NEW 2' x 2' HVAC DIFFUSER GRILLE
- NEW 2' x 2' HVAC RETURN GRILLE
- NEW HVAC WALL DIFFUSER GRILLE
- NEW HVAC LINEAR DIFFUSER
- NEW ROUND HVAC DIFFUSER GRILLE

△	4	-	-
△	3	-	-
△	2	-	-
△	1	-	-
REV.	NO.	DATE	ISSUE HISTORY

BENTO CAFE ADDITION
 3841 S.W. ARCHER ROAD, SUITE D GAINESVILLE, FLORIDA 32608
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REFLECTED CEILING PLAN A-5














1 REFLECTED CEILING PLAN
 A-5 SCALE: 1/4"=1'-0"

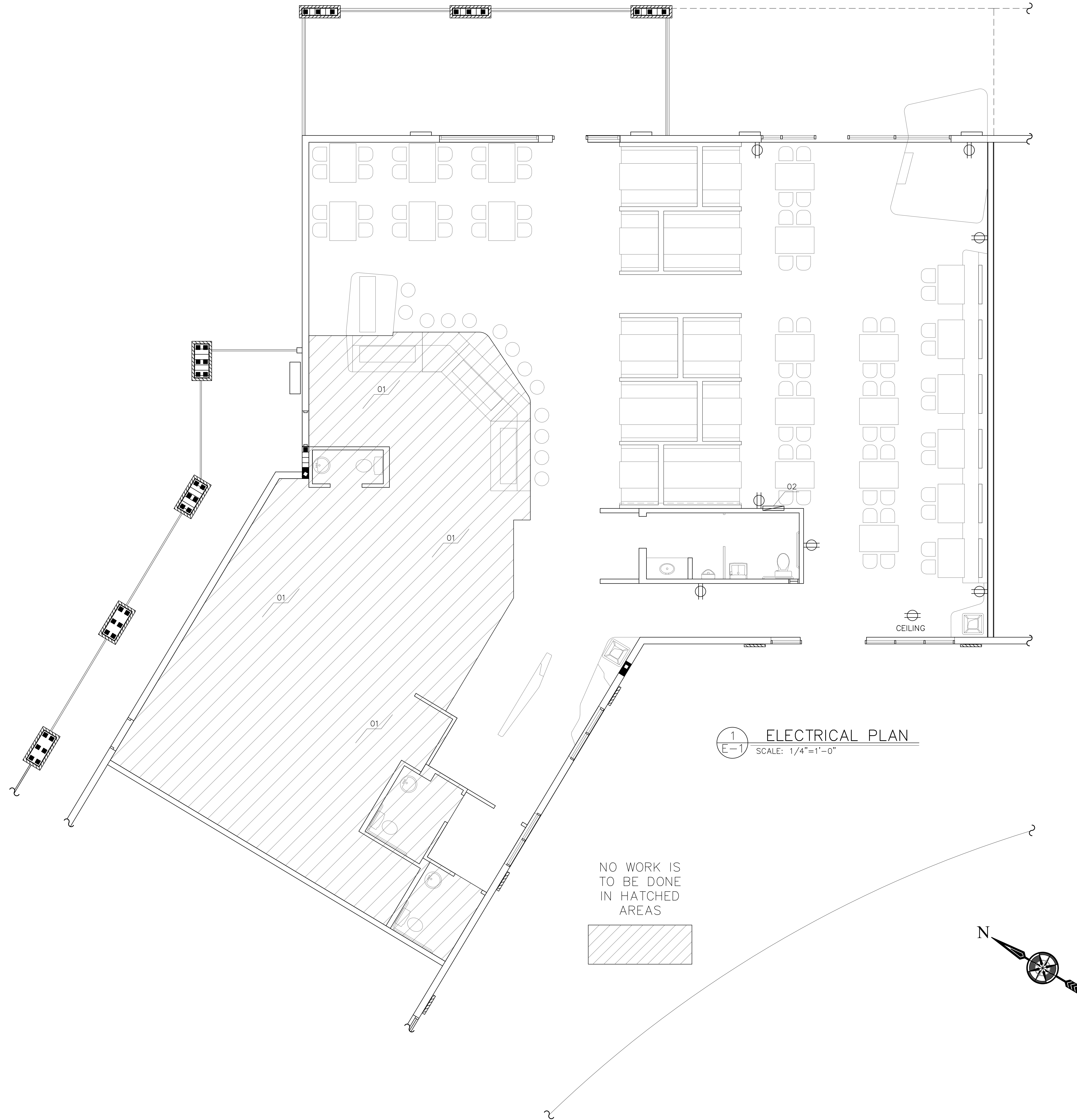
NO WORK IS TO BE DONE IN HATCHED AREAS

ELEC. SPECIFICATIONS:

01. PROVIDE ALL LABOR AND MATERIALS FOR A COMPLETE AND PROPERLY OPERATING ELECTRICAL SYSTEM. THE CONTRACTOR SHALL INCLUDE THE COST OF ALL FEES AND PERMITS FOR THE ELECTRICAL WORK AND CALL FOR ALL INSPECTIONS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
02. ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (N.E.C.) AND ALL STATE AND LOCAL AMENDMENTS.
03. KEEP ONE SET OF ELECTRICAL PRINTS AT THE JOB SITE AND MARK DESIGN DRAWINGS WITH COLORED PENCIL AS ELECTRICAL ITEMS ARE INSTALLED. SHOW ACTUAL LOCATION OF CONDUIT RUNS AND BRANCH CIRCUIT NUMBERS. THESE MARKED PRINTS SHALL SHOW PROGRESS TO DATE AND SHALL BE FOR AN "AS-BUILT" RECORD. THE MARKED DRAWINGS SHALL BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT. AT THE COMPLETION OF INSTALLATION, THE CONTRACTOR SHALL OPERATE EACH ITEM OF ELECTRICAL EQUIPMENT AND GIVE OWNER INSTRUCTION ON THE OPERATION OF THE SYSTEM. THE CONTRACTOR SHALL ALSO SUBMIT PERFORMANCE VERIFICATION INFORMATION ON EACH ITEM OF ELECTRICAL EQUIPMENT. THE CONTRACTOR SHALL SUBMIT A MEMO FROM THE MANUFACTURER'S REP. ADVISING THAT THE EQUIPMENT FURNISHED BY THE REPRESENTATIVE HAS BEEN CHECKED AND IS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IS OPERATING PROPERLY.
04. ALL WORK AND MATERIALS SHALL BE GUARANTEED FREE FROM DEFECTS FOR ONE YEAR AFTER DATE OF ACCEPTANCE. REPAIRS, REPLACEMENTS (EXCEPT LAMPS), AND ADJUSTMENTS SHALL BE MADE DURING THIS PERIOD AT NO COST TO THE OWNER.
05. ALL WIRING SHALL BE IN CONDUIT. CONDUIT BELOW GRADE OR BELOW SLAB SHALL BE RIGID METAL CONDUIT OR PVC. ABOVE GRADE SHALL BE EMT OR AS OTHERWISE SHOWN ON PLANS.
06. ALL LIGHTING AND RECEPTACLE CIRCUITS SHALL BE MINIMUM #12, UNLESS NOTED OTHERWISE. ALL WIRES SHALL BE COPPER AND RATED FOR 600 VOLTS, UNLESS OTHERWISE INDICATED. HOME RUNS 100' OR MORE ON 20 AMP CIRCUITS SHALL BE #10.
07. CONDUIT, ROOF AND WALL PENETRATIONS SHALL BE SEALED AGAINST MOISTURE AND SHALL MAINTAIN THE REQUIRED FIRE RATING IN ACCORDANCE WITH UL SYSTEM 186. USE A UL APPROVED, FIRE RATED SEALANT SIMILAR TO DOW CORNING FIRE STOP 2000.
08. PROVIDE GROUNDING IN ACCORDANCE WITH THE N.E.C. ALL BRANCH CIRCUITS SHALL CONTAIN EQUIPMENT GROUNDING CONDUCTORS.
09. PROVIDE OUTLET BOXES SIZED AS REQUIRED BY N.E.C. FOR LIGHTING FIXTURES AND OTHER ELECTRICAL ITEMS.
10. PROVIDE ALL CIRCUIT BREAKERS PER THE PANEL SCHEDULE(S). MULTI-POLE BREAKERS SHALL BE COMPLETE UNITS.
11. MOUNT A TYPEWRITTEN DIRECTORY IN PANEL BOARDS SHOWING CIRCUIT NUMBERS, TYPE OF LOAD, AND AREA SERVED.

ELECTRICAL LEGEND:

-  EXISTING DUPLEX OUTLET TO REMAIN
-  EXISTING DUPLEX OUTLET TO BE REMOVED
-  NEW DUPLEX OUTLET
-  NEW OUTLET RECESSED IN WALL
-  NEW TV CABLE CONNECTION
RECESS IN WALL IF POSSIBLE
-  EXISTING TELEPHONE TO REMAIN
-  NEW TELEPHONE
-  EXISTING EQUIPMENT CONNECTION TO REMAIN
-  NEW EQUIPMENT CONNECTION
-  EXISTING CONNECTION WITH DISCONNECT
-  NEW CONNECTION WITH DISCONNECT



NOTES:

01. NO WORK IN KITCHEN AND SERVICE AREAS.
02. ELECTRICAL PANEL RELOCATED FROM EXISTING LOCATION.

REV. NO.	DATE	ISSUE HISTORY
4	-	-
3	-	-
2	-	-
1	-	-





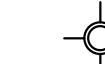
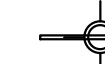
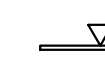




BENTO CAFE ADDITION
 3841 S.W. ARCHER ROAD, SUITE D
 GAINESVILLE, FLORIDA 32608
 Drawn By: NY
 Checked By: GF
 Approved By: GF
 Date: 07-27-10
 Proj: A1004066

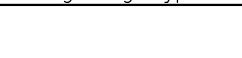


GDP DESIGN & CONSTRUCTION, INC.
 105 East State Road 434
 Winter Springs, FL 32708
 Phone: (407) 936-1355
 Fax: (407) 936-1356

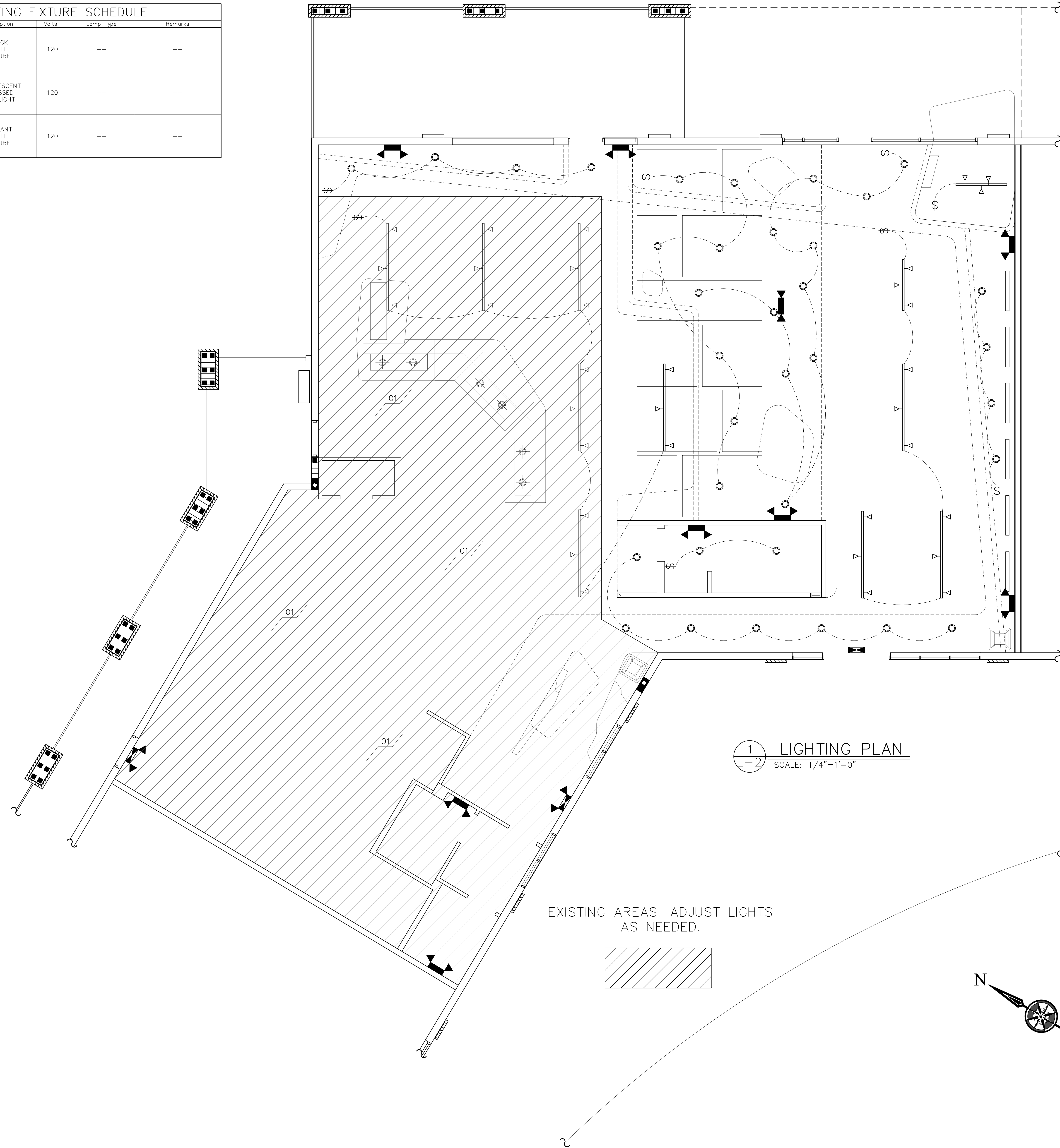
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LIGHTING LEGEND:

-  EXIT LIGHT
-  EMERGENCY LIGHT
-  EXIT AND EMERGENCY LIGHT COMBO
-  RECESSED LIGHT
-  CEILING MOUNTED / PENDANT LIGHT
-  TRACK MOUNTED PENDANT LIGHT
-  TRACK LIGHT
-  2' x 4' FLUORESCENT LIGHT
-  LIGHT SWITCH
-  THREE-WAY LIGHT SWITCH
-  LIGHT SWITCH WITH DIMMER

LIGHTING FIXTURE SCHEDULE				
Lighting Type	Description	Volts	Lamp Type	Remarks
	TRACK LIGHT FIXTURE	120	--	--
	INCANDESCENT RECESSED DOWNLIGHT	120	--	--
	PENDANT LIGHT FIXTURE	120	--	--



NOTES:

01. NO WORK IN KITCHEN AND SERVICE AREAS.

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2	-	-
1	-	-

BENTO CAFE ADDITION
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 GAINESVILLE, FLORIDA 32608

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GDP
 DESIGN & CONSTRUCTION, INC.

105 East State Road 434
 Winter Springs, FL 32708
 Phone: (407) 936-1355
 Fax: (407) 936-1356

HVAC SPECIFICATIONS:

- THE HVAC SYSTEM AND ALL EQUIPMENT INSTALLED SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWINGS:
 - ASHRAE
 - SMACNA
 - FLORIDA BUILDING CODE, MECHANICAL 2007 (WITH 2009 SUPPLEMENTS)
 - FLORIDA ENERGY CODE
 - NFPA SECTION 90A AND 90B
 - NFPA SECTION 101 LIFE SAFETY CODE
 - ALL STATE AND LOCAL CODES
- WHERE CONCEALED NEW SUPPLY AND RETURN DUCTWORK SHALL BE 1.5" R-6 FIBERGLASS SEALED WITH FAB AND MASTIC OR APPROVED TAPE. SUPPORTS TO BE U CHANNEL, MAXIMUM DISTANCE BETWEEN SUPPORTS SHALL NOT EXCEED FIVE FEET. WHERE EXPOSED DUCTWORK SHALL BE INTERNALLY INSULATED SHEET METAL AND SINGLE WALL SPIRAL DUCT AS SHOWN.
- FLEXIBLE DUCT RUNS TO BE LISTED AS CLASS 1, R-6 MASTIC SEALED AND BE INSTALLED IN ACCORDANCE WITH FBCM ARTICLE #603.1 AND #603.5 THE FLORIDA ENERGY CODE. FLEXIBLE DUCTWORK SHALL BE SUPPORTED WITH 1 1/2" METAL STRAPS. SUPPORTS SHALL BE PROVIDED WITHIN 1-1/2' OF INTERMEDIATE FITTINGS AND BETWEEN INTERMEDIATE FITTINGS AND BENDS. HORIZONTAL DUCT SAG BETWEEN SUPPORTS SHALL NOT EXCEED 1/2' PER FOOT OF LENGTH.
- EXHAUST AND OUTSIDE AIR DUCT TO BE GALVANIZED SHEET METAL SEAL WITH APPROVED TAPE FOR DIA. LESS THAN 4" AND MASTIC FOR DIA. GREATER THAN 4". FRESH AIR INTAKES SHALL HAVE AN INSECT SCREEN.
- SUPPLY AND RETURN GRILLES SHALL BE 2 X 2 STEP DOWN OR PLAQUE FACE WITH FIBERGLASS INSULATED BACK. RETURN GRILLES INDICATED BY '1' SHALL BE FIXED 45 DEG. LOUVER. ROUND DIFFUSERS SHALL BE KRUGER MODEL RM-1.
- ALL SUPPLY GRILLES SHALL HAVE BRANCH TAKE OFF BALANCING DAMPERS OR SHALL BE EQUIPPED WITH BALANCING DAMPERS IN THE DIFFUSERS NECK. ALL GRILLES SHALL HAVE A 25/50 FLAME/SMOKE SPREAD RATING.

HVAC LEGEND:

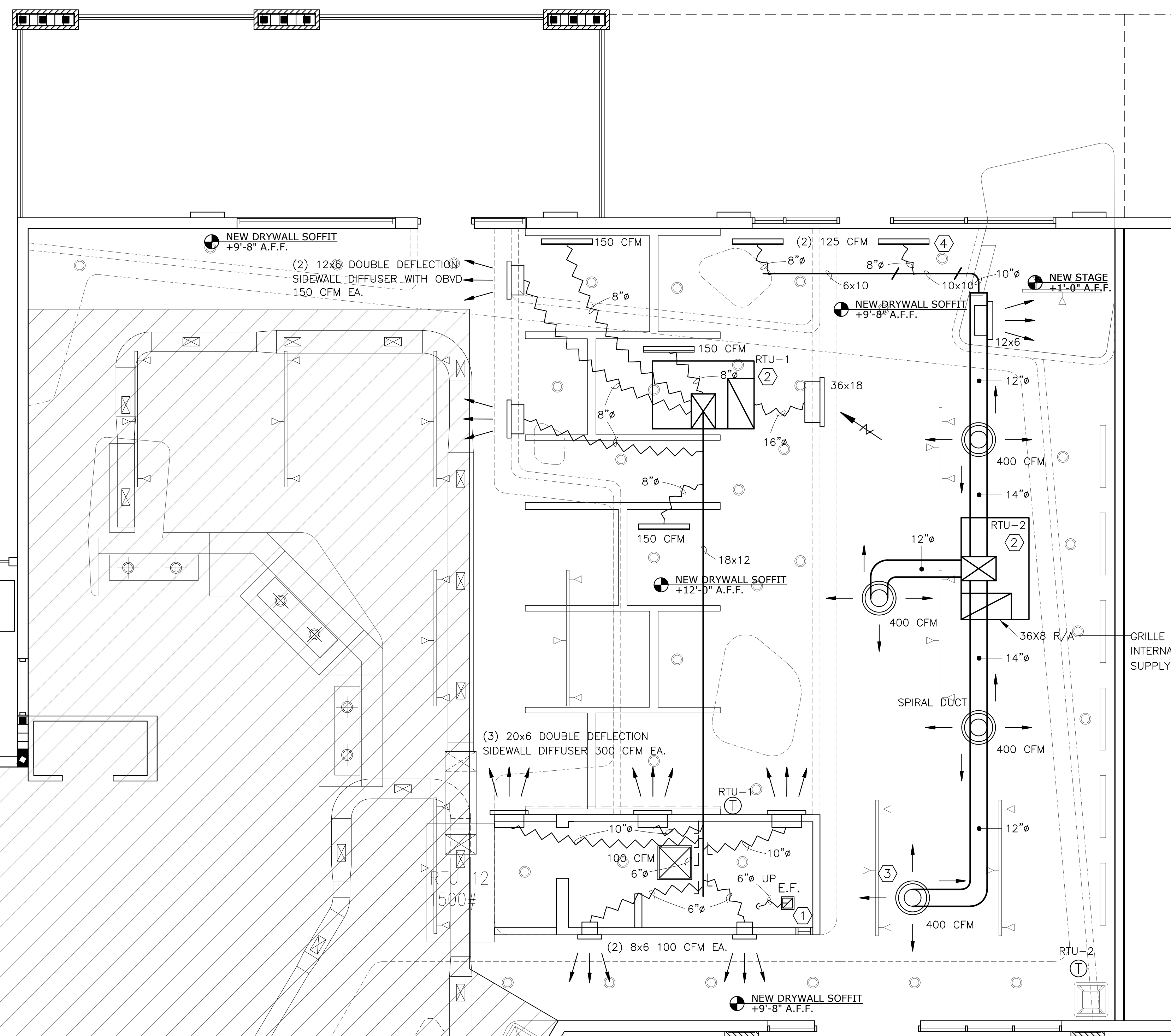
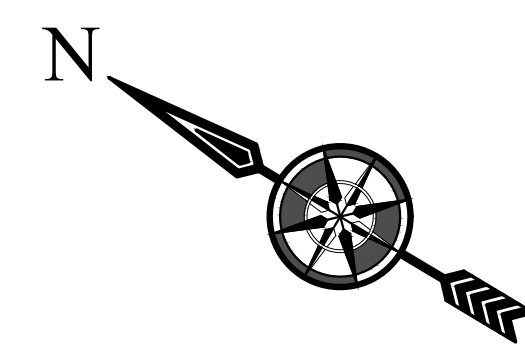
- NEW 1' x 1' HVAC DIFFUSER GRILLE
- NEW 1' x 1' HVAC RETURN GRILLE
- NEW 2' x 2' HVAC DIFFUSER GRILLE
- NEW 2' x 2' HVAC RETURN GRILLE
- NEW ROUND HVAC DIFFUSER GRILLE
- NEW WALL HVAC DIFFUSER GRILLE
- NEW HVAC LINEAR DIFFUSER
- S.F. NEW SUPPLY FAN
- E.F. NEW EXHAUST FAN
- NEW SUPPLY TRUNK
- NEW FLEX DUCT
- NEW THERMOSTAT

ROOFTOP PACKAGE UNIT SCHEDULE

MARK	MODEL #	SIZE	DESCRIPTION	OUTSIDE FRESH AIR
R.T.U. 1	TRANE WSC060A	5 TON 1950 CFM	EXISTING ROOFTOP PACKAGE HEAT PUMP, 208V/3PHASE	440 CFM
R.T.U. 2	TRANE THC063A	5 TON 1975 CFM	RE-LOCATED ROOFTOP PACKAGE UNIT W/9KW ELECTRIC HEAT 208V/3PHASE, 13 SEER	440 CFM

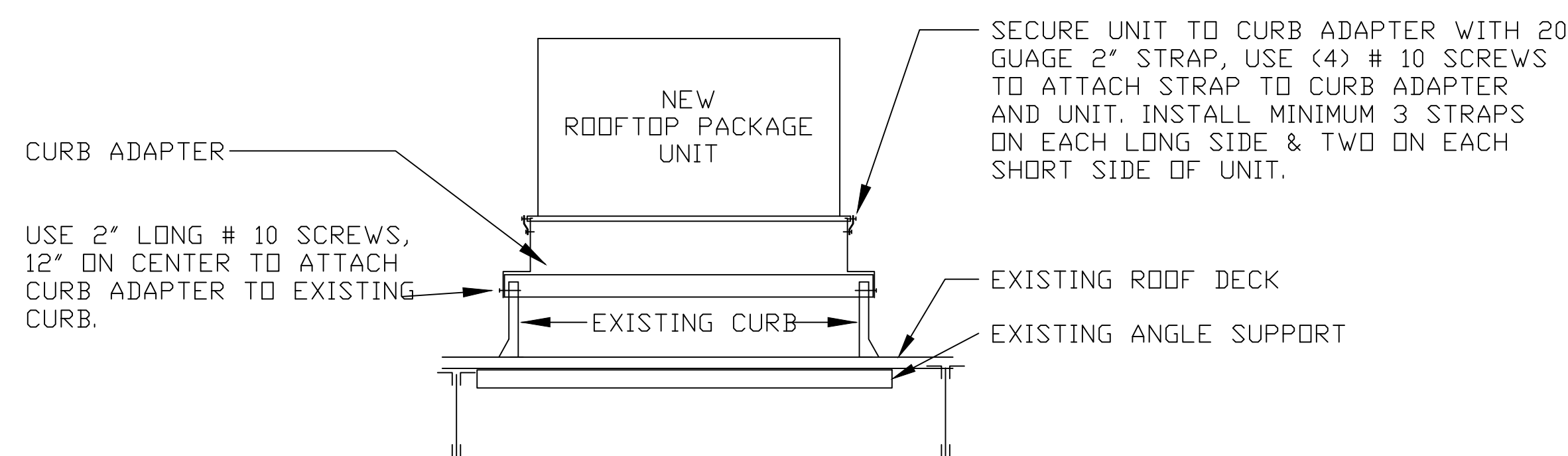
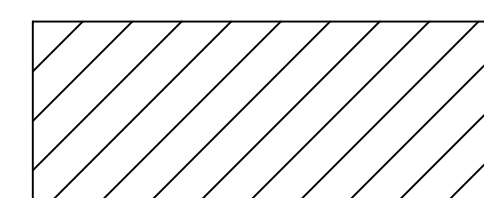
OUTSIDE AIR QUANTITIES EXCEEDS REQUIREMENTS OF FBCM 403.3 / ASHRAE STANDARD 62

- SEE ROOF TOP UNIT MOUNTING DETAIL THIS SHEET TO ENSURE ROOF TOP EQUIPMENT MEETS 120 MPH WIND LOADS.
- ALL MECHANICAL EQUIPMENT SHALL HAVE DISCONNECT SWITCH AND 115V SERVICE WITHIN 25 FEET OF EQUIPMENT. (PROVIDED BY ELECTRICAL CONTRACTOR)
- COORDINATE EXACT ELECTRICAL REQUIREMENTS OF NEW EQUIPMENT WITH ELECTRICAL CONTRACTOR.
- BUILDING IS EQUIPPED WITH ROOF ACCESS LADDER FOR SERVICING OF ROOF TOP PACKAGE UNITS.



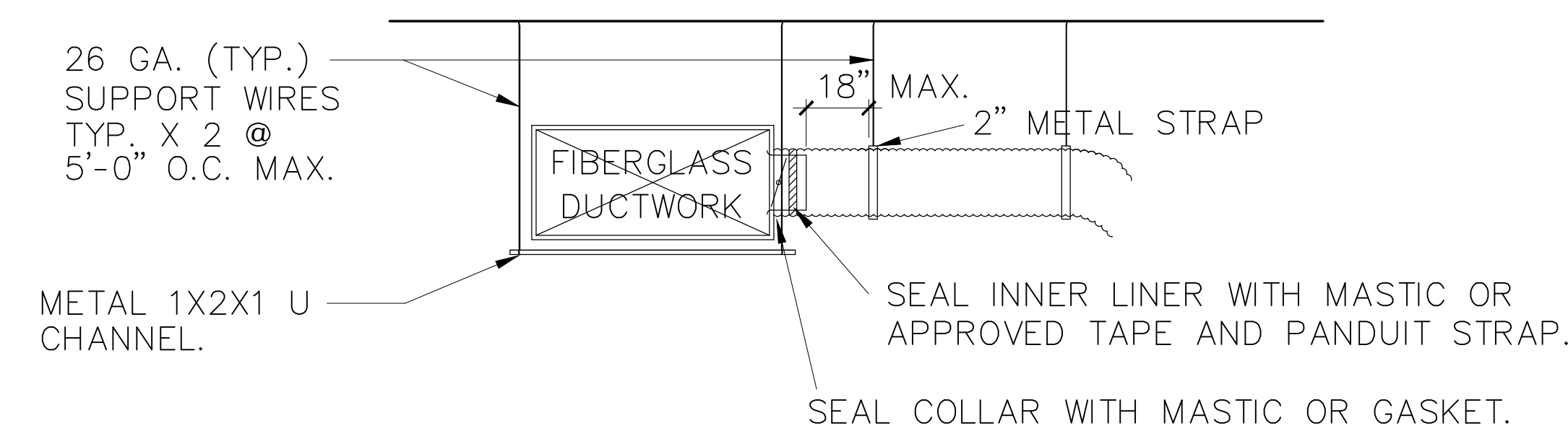
1 MECHANICAL PLAN
SCALE: 1/4"=1'-0"

EXISTING AREAS. ADJUST HVAC DUCTS AS NEEDED.



- THE ROOF IS CAPABLE OF SUPPORTING THE LOAD OF THE REPLACEMENT UNIT(S) WITH THE EXISTING STEEL ANGLE SUPPORTS SHOWN.
- UNIT INSTALLED AS SHOWN MEETS 120 MPH WIND LOAD IN ACCORDANCE WITH FBCM 301.13.

3 ROOFTOP UNIT MOUNTING DETAIL WITH CURB ADAPTER
NOT TO SCALE



INSTALL IN ACCORDANCE WITH HVAC SPECIFICATIONS 2 & 3.

2 FIBERGLASS & FLEX DUCT SUPPORT DETAIL
NOT TO SCALE

NOTES:

- PROVIDE AND INSTALL CEILING EXHAUST FAN, 100 CFM @ .25 S.P. WITH BACKDRAFT DAMPER. FAN SHALL BE INTERLOCKED WITH LIGHT SWITCH. RUN SHEET METAL DUCT TO ROOF CAP AS SHOWN.
- ROOFTOP PACKAGE UNIT, REFER TO SCHEDULE AND ROOFTOP MOUNTING DETAIL. RUN PVC CONDENSATE PIPE TO ROOF DRAIN. SUPPORT PIPE EVERY 4' BY CLAMPING TO 2X4 CONCRETE PAVERS. PROVIDE 2" P-TRAP AND CLEAN-OUT AT EACH UNIT.
- ROUND DIFFUSERS SHALL BE KRUGER MODEL RM-1 WITH OPPOSED BLADE DAMPER MOUNTED IN DIFFUSER NECK. COORDINATE WITH ARCHITECT / GENERAL CONTRACTOR FOR ELEVATION OF SPIRAL DUCT AND DIFFUSERS.
- KRUGER MODEL 1910, 36" x (3) 1" SLOT DIFFUSER WITH FRAME C, INSULATED PLENUM AND INTERNAL DAMPER.

REV. NO.	DATE	ISSUE HISTORY
4	-	-
3	-	-
2	-	-
1	-	-

BENTO CAFE ADDITION		Drawn By: NY
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NOTES:

- EXAMINE EXISTING PLUMBING SYSTEM BEFORE BIDDING. CONTRACTOR SHALL MODIFY OR ALTER LAYOUT SHOWN AS REQUIRED BY ACTUAL FIELD CONDITIONS. RELOCATE EXISTING WATER LINES & BACKFLOW DEVICES & OTHER PLUMBING LINES AS REQUIRED BY THE NEW CONSTRUCTION WORK. PROVIDE ALL THE REQUIRED ALTERATIONS & NEW TRIM NECESSARY TO REUSE EXISTING LINES & FIXTURES. ALL PLUMBING RISERS ARE SCHEMATIC. PLUMBER TO VERIFY FIELD CONDITIONS PRIOR TO ANY WORK. ALL WORK IS TO MEET PLUMBING CODES.
- ALL FURNISHINGS AND EQUIPMENT TO BE PROVIDED AND INSTALLED BY THE OWNER/TENANT AND/OR HIS SUPPLIERS. ALL PLUMBING, ELECTRICAL, AND GAS CONNECTIONS TO EQUIPMENT BY CONTRACTOR.
- PLEASE COORDINATE WITH THE OWNER REGARDING ADDITIONAL EQUIPMENT REQUIREMENTS, SUCH AS UNDERGROUND CONDUITS OR PIPING THAT MAY BE NEEDED FOR ELECTRICAL OR PLUMBING.
- PROVIDE TRAP PRIMERS FOR NEW FLOOR DRAINS IN THE RESTROOM.
- PROVIDE AND INSTALL MIXING VALVE UNDER ALL HAND SINKS AND LAVATORIES.

PLUMBING FIXTURES AND CONNECTION SCHEDULE

MARK	FIXTURE, MODEL#, DESCRIPTION	WASTE	VENT	CW	HW	GAS
H.W.C.	WATER CLOSET FLOOR MOUNT TANK TYPE AM STD PRESSURE ASSIST CADET #3109.016 ELOGATED BOWL 1.6 GAL W/ AM STD #4098.100 TANK W/ OPEN FRONT LESS COVER AND BEMIS SEAT #1055	3"	2"	1/2"	--	--
WC	WATER CLOSET FLOOR MOUNT TANK TYPE AM STD PRESSURE ASSIST CADET #3099.16 ELOGATED BOWL 1.6 GAL W/ AM STD #4098.100 TANK W/ OPEN FRONT LESS COVER AND BEMIS SEAT #1055	3"	2"	1/2"	--	--
URN	URINAL AM STD WASHBROOK #6501.010 WALL HUNG ELONGATED RIM AND HYDROTEC FLUSH VALVE #HB 8000C-B1	2"	2"	3/4"	--	--
H.LAV	LAVATORY WALL HUNG AM STD LUCERNE #0355.012 20"-1/2"x18"-1/4" WALL HUNG LAVATORY W/ AM STD SINGLE HANDLE FAUCET #7385.004 PROVIDE GRID STRAINER, TRU-BRO LAV GUARD INSULATION, P-TRAP, STOPS, AND SUPPLIES.	1-1/2"	1/2"	1/2"	1/2"	--
M.S.	MOP SINK FIAT MSB 2424 MOLDED STONE BASIN WITH T&S FAUCET #B-0665-BSTR	3"	2"	1/2"	1/2"	--
W.H.	RHEEM QT - 199 PIN NATURAL GAS INDOOR INSTANTANEOUS TANKLESS WATER HEATER 199,000 B.T.U. W/ VALVE KIT 9620 - R. VENT KIT #RTG 20007 4" TANKLESS VENT KIT**	--	--	3/4"	3/4"	3/4" INLET
F.D.	FLOOR DRAIN ZURN LIGHT DUTY COMMERCIAL MODEL #FD280-PV3	3"	--	--	--	--
F.S.	FLOOR SINK ZURN LIGHT DUTY COMMERCIAL MODEL #FD2370-PV3 1/2" GRATE AND DOME STRAINER	3"	--	--	--	--
C.O.	CLEANOUT ZURN LIGHT DUTY COMMERCIAL MODEL #CO 2449-PV4	4"	--	--	--	--
T.P.	TRAP PRIMER 1-1/4" CHROME PLATED TAILPIECE JONES STEVENS	--	--	--	--	--
A.A.V.	STUDOR VENT OR EQUAL	--	--	--	--	--

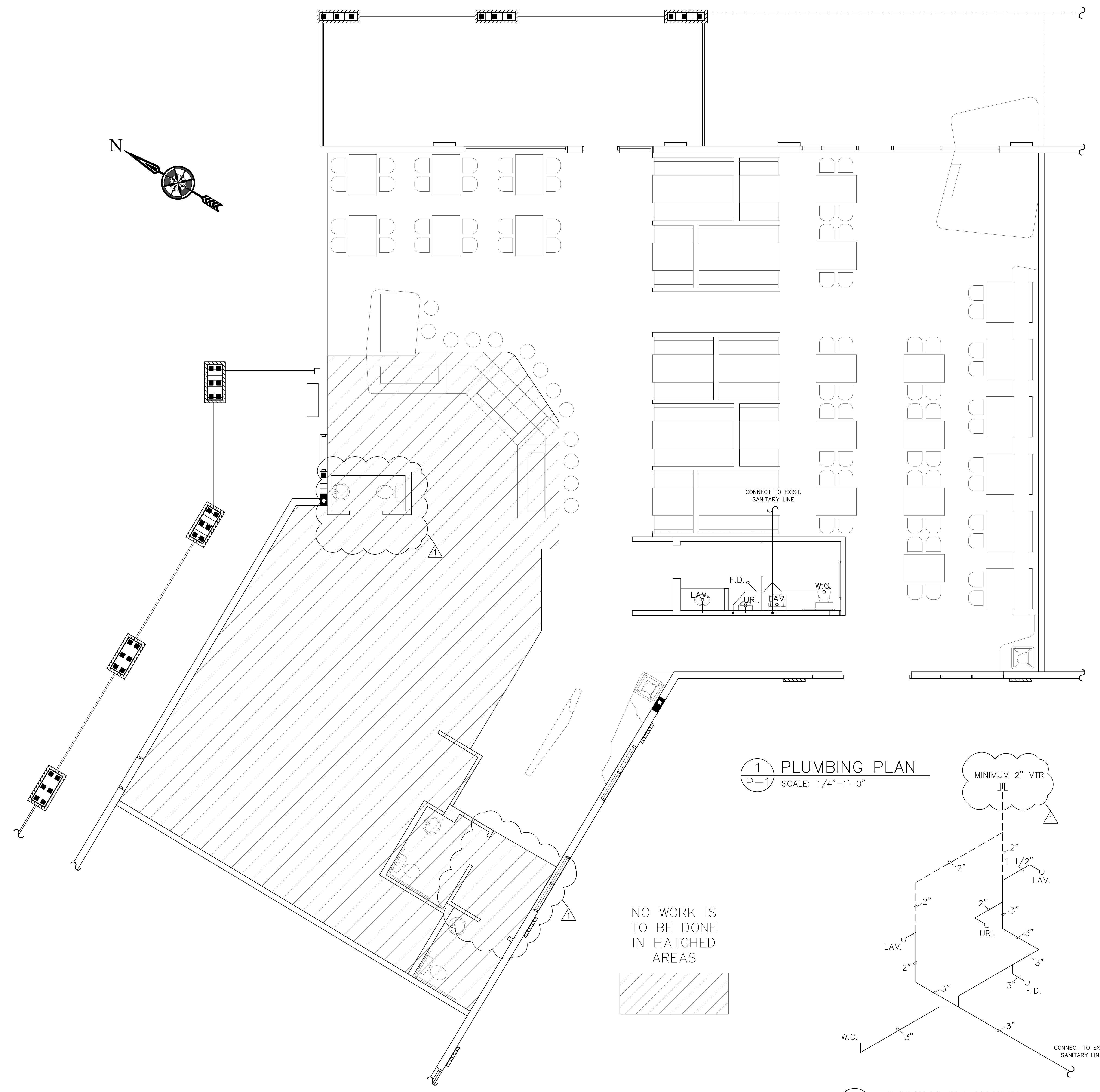
**SIDEWALL KIT ONLY, APPROXIMATELY 2".

PLUMB. SPECIFICATIONS:

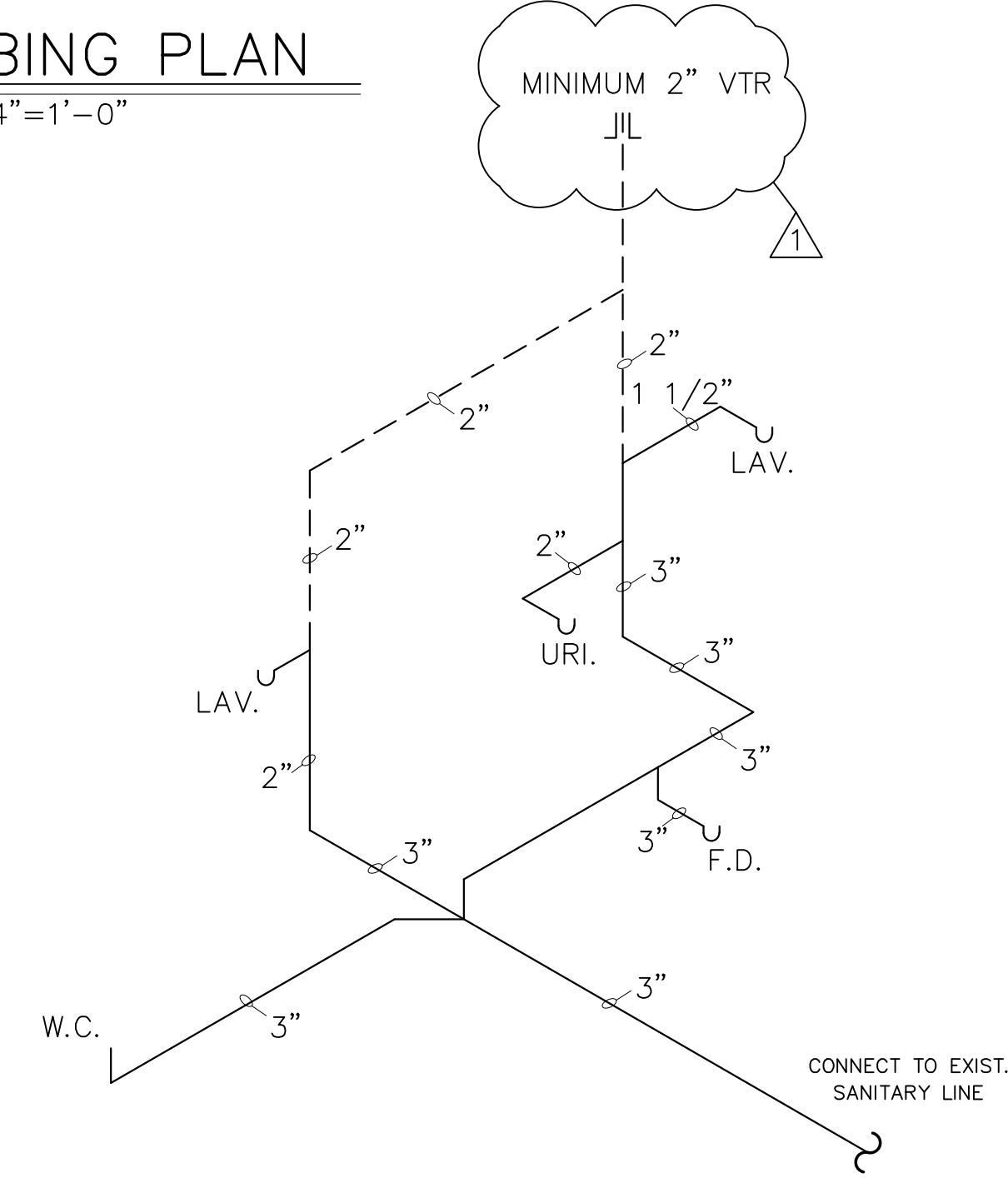
- PROVIDE ALL LABOR AND MATERIALS FOR A COMPLETE AND PROPERLY OPERATING PLUMBING SYSTEM AS REQUIRED TO SERVE ALL PLUMBING FIXTURES AND EQUIPMENT.
- CONFORM TO THE REQUIREMENT OF THE STANDARD PLUMBING CODE AND ALL OTHER GOVERNING CODES AND STANDARDS OF THE ENTITY ISSUING THE PLUMBING PERMIT.
- UNDERGROUND AND ABOVEGROUND PLUMBING PIPING FOR DOMESTIC WATER SHALL BE TYPE "L" COPPER WITH WROUGHT COPPER SOLDER FITTINGS. USE LEAD-FREE SOLDER.
- PLUMBING SANITARY PIPING SHALL BE PVC WITH SOLVENT. CEMENT SANITARY PATTERN FITTINGS. PROVIDE ROOF FLASHING FOR PIPING PIERCING ROOF.
- ALL PLUMBING FIXTURES SHALL BE "FIRST QUALITY" AS DEFINED AND SET FORTH IN COMMERCIAL STANDARD CS-26 AS PROMULGATED BY THE U.S. DEPARTMENT OF COMMERCE. ALL EXPOSED METAL SHALL BE POLISHED CHROME ON BRASS OR BRONZE. WATER SUPPLIES TO FIXTURES SHALL BE PROVIDED WITH STOPS.
- ALL JOB INSTALLED WATER PIPING SYSTEMS SHALL BE PRESSURE TESTED AT 150 PERCENT OF THE MAXIMUM NORMAL WORKING PRESSURE AND FOUND FREE OF LEAKS BEFORE THE PIPING IS COVERED OR CONCEALED. SOIL, WASTE, AND VENT PIPING SHALL BE TESTED FOR LEAKS AT 5 PSIG PRESSURE. OTHER LOCAL OR STATE REQUIRED TESTS WILL BE ACCEPTABLE IN LIEU OF THE ABOVE TESTS.
- SUBMIT TECHNICAL INFORMATION SHEETS ON ALL PLUMBING ITEMS BEFORE ITEMS ARE INSTALLED. THE PLUMBING CONTRACTOR SHALL MARK UP PLUMBING DESIGN DRAWINGS WITH COLORED PENCILS TO SHOW ACTUAL ARRANGEMENT AND LOCATION OF PLUMBING LINES AS THEY ARE INSTALLED AS A RECORD OF THE JOB'S PROGRESS. TURN OVER THESE MARKED PROGRESS DRAWINGS TO THE OWNER AT THE COMPLETION OF THE WORK FOR AN "AS-BUILT" RECORD.

PLUMBING LEGEND:

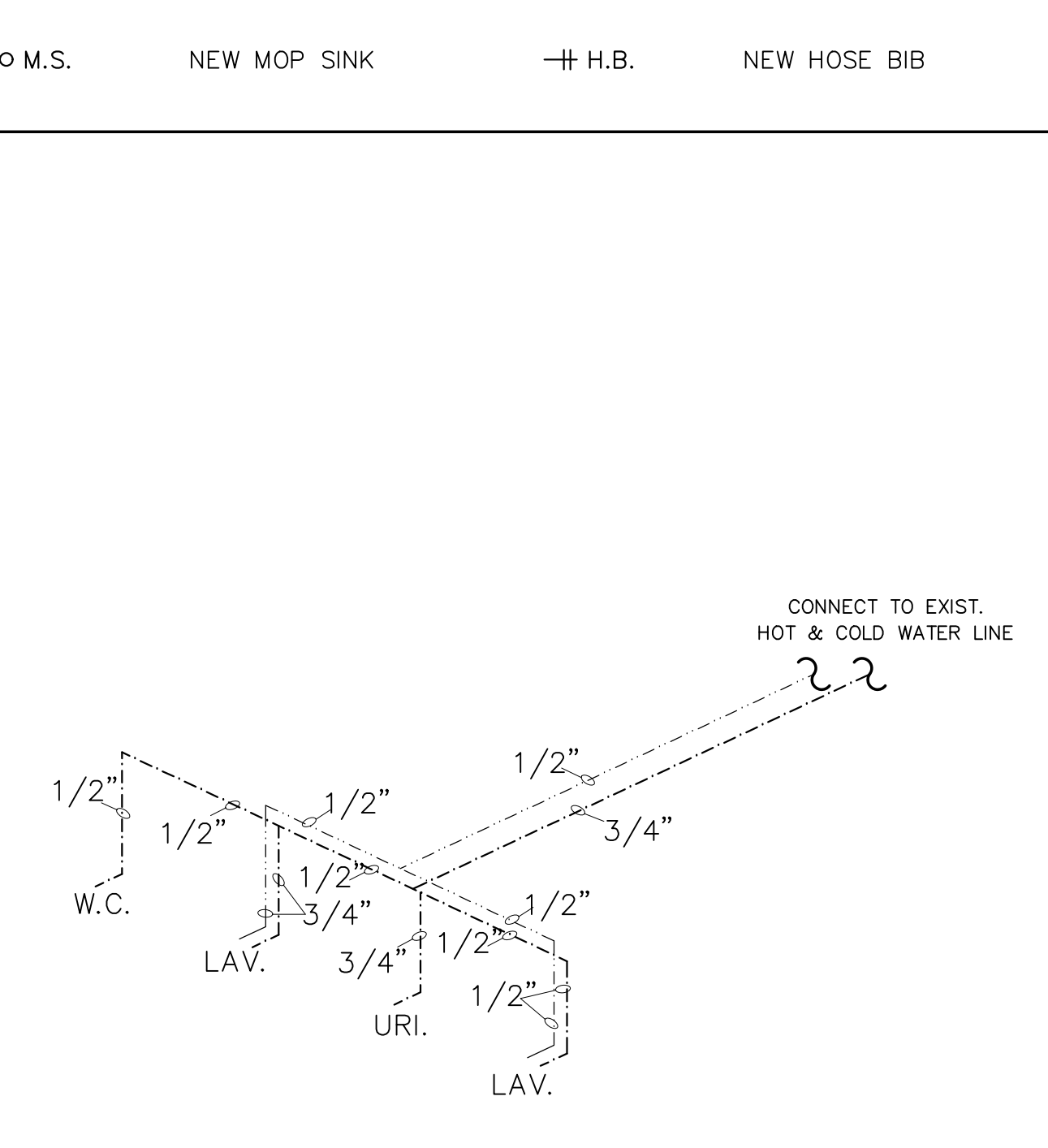
○ F.D.	NEW FLOOR DRAIN	○ LAV.	NEW LAVATORY
○ H.D.	NEW HUB DRAIN	○ W.C.	NEW WATER CLOSET
○ C.O.	NEW CLEAN OUT	○ D.F.	NEW DRINKING FOUNTAIN
○ H.S.	NEW HAND SINK	▣ F.S.	NEW FLOOR SINK
○ M.S.	NEW MOP SINK	≡ H.B.	NEW HOSE BIB



1 PLUMBING PLAN
P-1 SCALE: 1/4"=1'-0"



2 SANITARY RISER
P-1 NOT TO SCALE



3 HOT & COLD WATER RISER
P-1 NOT TO SCALE

REV. NO.	DATE	ISSUE HISTORY
4	-	-
3	-	-
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1	09-03-10	REVIEW COMMENTS

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