

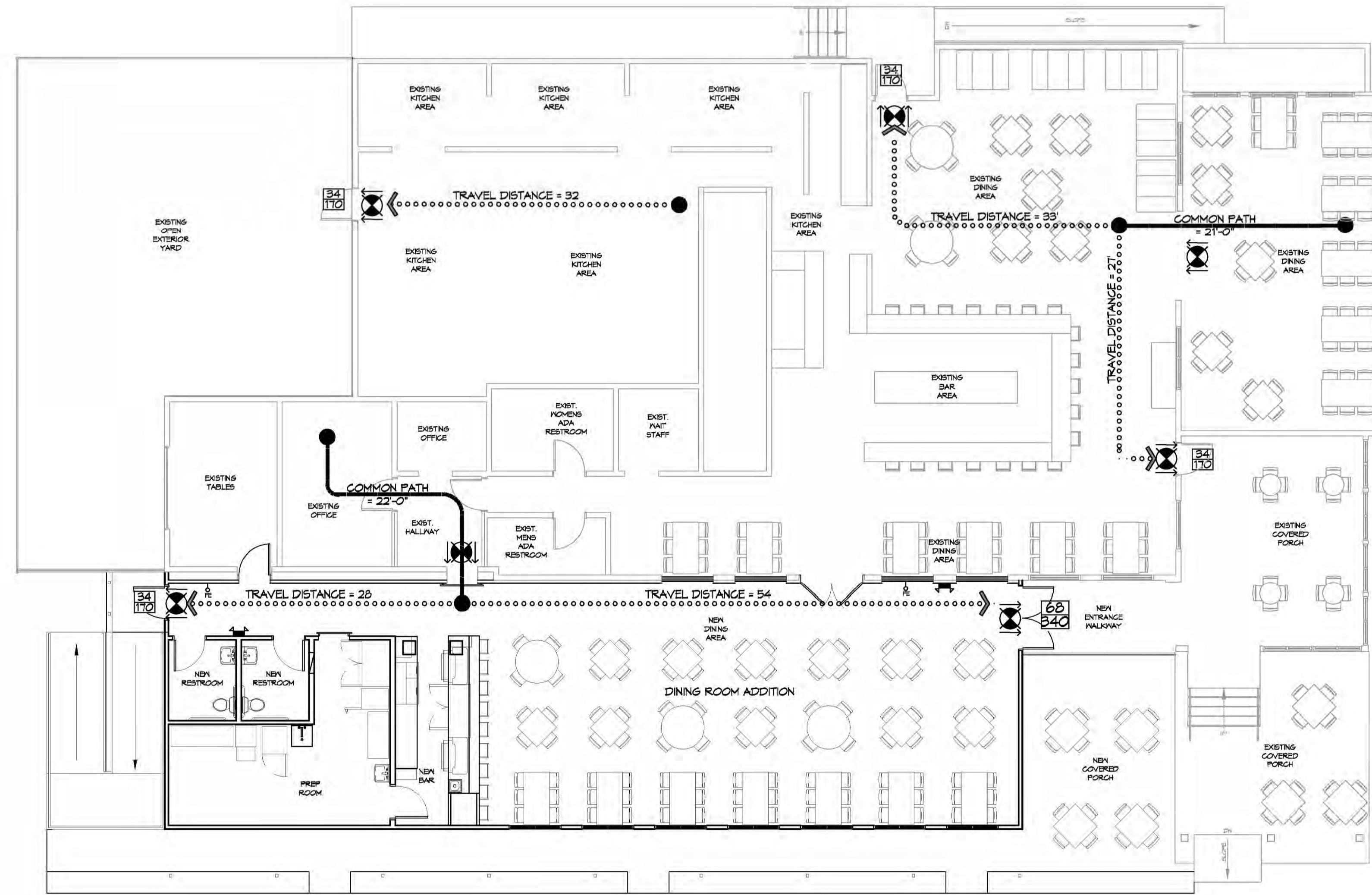
LIFE-SAFETY INFORMATION	
<b>APPLICABLE CODES</b>	
NFPA 101 LIFE-SAFETY CODE 2015	
OCCUPANCY A-2, ASSEMBLY USES INTENDED FOR FOOD AND DRINK CONSUMPTION (RESTAURANTS); CONSTRUCTION TYPE II B	
BUSINESS (CHAPTER 9B)	
MIXED OCCUPANCY	(REFERENCE CHAPTER 6)
<b>OCCUPANT LOAD FACTOR</b>	(REFERENCE TABLE 7.3.1.2)
1044 S.F. NET	TO OCCUPANTS
ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS) - 15 NET/100 SF PER OCCUPANT =	
TOTAL OCCUPANTS = 107	
<b>CLASSIFICATION OF HAZARD OF CONTENTS</b>	
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH)	
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE B.1 IN HANDBOOK)	
II B	
<b>MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS</b>	
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)	
1/2 DIAGONAL =	N/A
<b>MAXIMUM DEAD-END CORRIDORS</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
<b>MAXIMUM COMMON PATH OF TRAVEL DISTANCE</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
<b>MAXIMUM TRAVEL DISTANCE TO EXITS</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING	
<b>EXTINGUISHMENT REQUIREMENTS</b> (SPRINKLER (NOT REQUIRED))	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS NO	
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE	

BUILDING CODE INFORMATION	
<b>APPLICABLE CODES</b>	
IBC 2015	
OCCUPANCY A-2, ASSEMBLY USES INTENDED FOR FOOD AND DRINK CONSUMPTION (RESTAURANTS)	(IBC 2015 CHAPTER 10)
<b>OCCUPANT LOAD CALCULATIONS</b>	(TABLE 1004.1.2)
ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS)	15 NET TO OCCUPANTS
TOTAL OCCUPANTS	107
CONSTRUCTION TYPE(S) (TABLE 503)	
II B (SECTION 503)	
<b>ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION</b>	
MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 503)	2
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	9,500

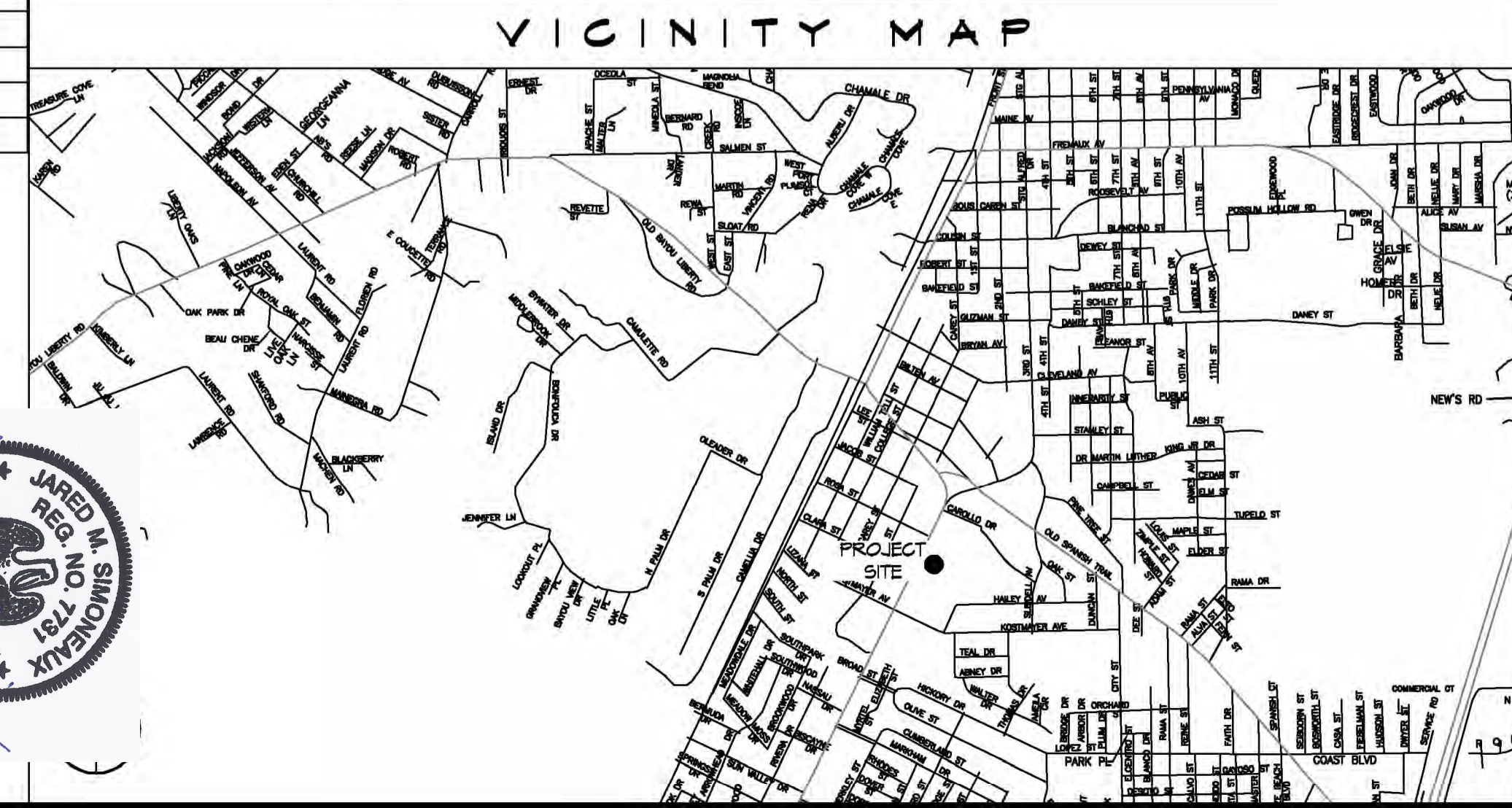
WIND SPEED DESIGN REQUIREMENTS	
THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:	
<b>WIND DESIGN DATA:</b>	
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY	
BASIC WIND SPEED (3 SECOND GUST) =	132 MPH (IBC FIG 1609C)
RISK FACTOR:	CATEGORY I BLDGS SURFACE ROUGHNESS = C
TOPOGRAPHIC FACTOR =	1 EXPOSURE = C
DESIGN WIND PRESSURE (ASCE 7-10 TABLE 26.6-1):	34.1 PSF
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.18
LIVE LOADS (IBC SEC 1607)	
STORAGE, LIGHT (IBC TABLE 1607.1):	125 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED
SNOW LOADS (IBC TABLE 1608):	
GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF

FLOOD ZONE INFORMATION	
BASED ON THE SURVEY OF THIS PROPERTY BY ACADIA LAND SURVEYING LLC, THIS PROPERTY IS IN SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 225204 0010 C	
FLOOD ZONE:	AE BASE FLOOD ELEVATION NGVD 9.0
ELEVATIONS REFER TO NGVD 1929 DATUM	

LIFE-SAFETY LEGEND	
SYMBOL	DESCRIPTION
➤	EXITS
(45)	DOOR FIRE RATING (MINUTES)
34 170	DOOR WIDTH/EGRESS CAPACITY
☒	EXIT LIGHT
FE	FIRE EXTINGUISHER IV WALL MTD BRACKET
-----	COMMON PATH OF TRAVEL
.....	TRAVEL DISTANCE
●	DECISION POINT

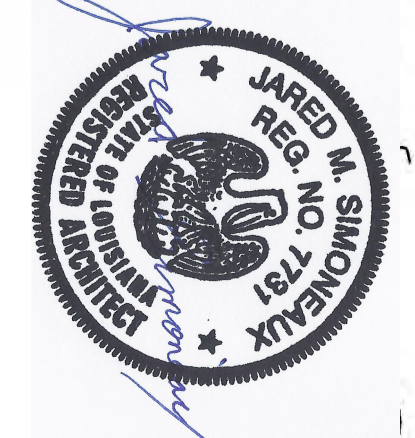


**LIFE-SAFETY PLAN**  
SCALE: 1/8" = 1'-0"



SHEET INDEX	
SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
G102	ACCESSIBILITY INFORMATION
G101	SITE PLAN
S101	FOUNDATION PLAN AND DETAILS
S102	TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES
D100	DEMOLITION PLAN
A101	OVERALL FLOOR PLAN
A102	FLOOR PLAN
A103	BAR FLOOR PLAN
A104	REFLECTED CEILING PLAN
A105	ROOF PLAN
A106	EXTERIOR ELEVATIONS
F101	PLUMBING PLAN
M101	MECHANICAL FLOOR PLAN, SCHEDULES & DETAILS
E101	POWER AND LIGHTING PLAN

GENERAL NOTES	
1.	ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2.	CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3.	THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
4.	DO NOT SCALE DRAWINGS. CONSULT WITH THE ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
5.	TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
6.	THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
7.	CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
8.	ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.



**DAMMON ENGINEERING, INC.**  
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Bossier, LA 70688  
PH: 985.999.8382

REVISIONS	DATE
#	DESCRIPTION

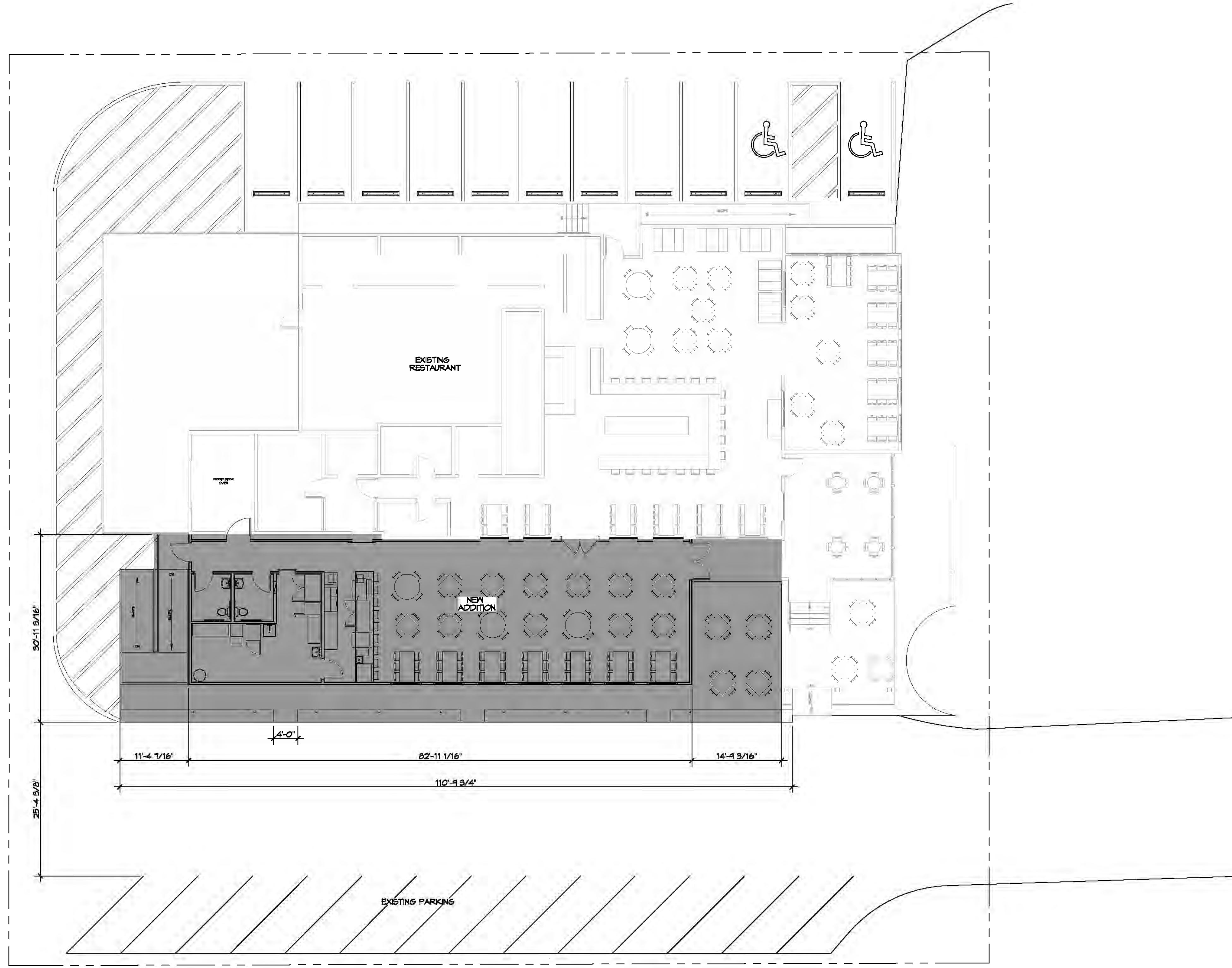
SEAL:

**NEW DINING ADDITION**  
**SOUTHSIDE CAFE**  
SHEET TITLE:  
GENERAL INFORMATION SHEET  
DRAWING NUMBER:  
**G101**  
SHEET No: 1 of 15

3154 PONTCHARTRAIN DR  
SLIDELL, LA 70468  
JOB No: 235F  
DATE: 01-08-2019  
DRAWN BY: JMS  
CHECKED BY: JMS



THE ABOVE PLAN IS PREPARED BY DAMMON ENGINEERING, INC. IN ACCORDANCE WITH THE PROVISIONS OF THE PROFESSIONAL ENGINEERING ACT OF 1967, AS AMENDED, AND THE PROFESSIONAL ENGINEERING BOARD OF REGULATIONS, AS AMENDED, AND THE PROFESSIONAL ENGINEERING BOARD OF REGULATIONS, AS AMENDED.



**SITE PLAN**  
SCALE: 1" = 10'-0"



# DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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 info@dammonengineering.com  
 Chief Engineer: Brian Melich, PE  
 5154 Pontchartrain Dr.  
 Slidell, LA 70459  
 Ph: 980.472.8222

#	DESCRIPTION	REVISIONS	DATE

SEAL:

**NEW DINING ADDITION**  
**SOUTHSIDE CAFE**  
 5154 PONTCHARTRAIN DR.  
 SLIDELL, LA 70459  
 JOB No: 23591 DATE: 01-08-2019  
 DRAWN BY: CAD CHECKED BY: JMS  
I hereby certify that this drawing was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer in the State of Louisiana. I am not providing my professional seal for use on any drawing that I did not prepare or supervise. I am not providing my professional seal for use on any drawing that I did not prepare or supervise.

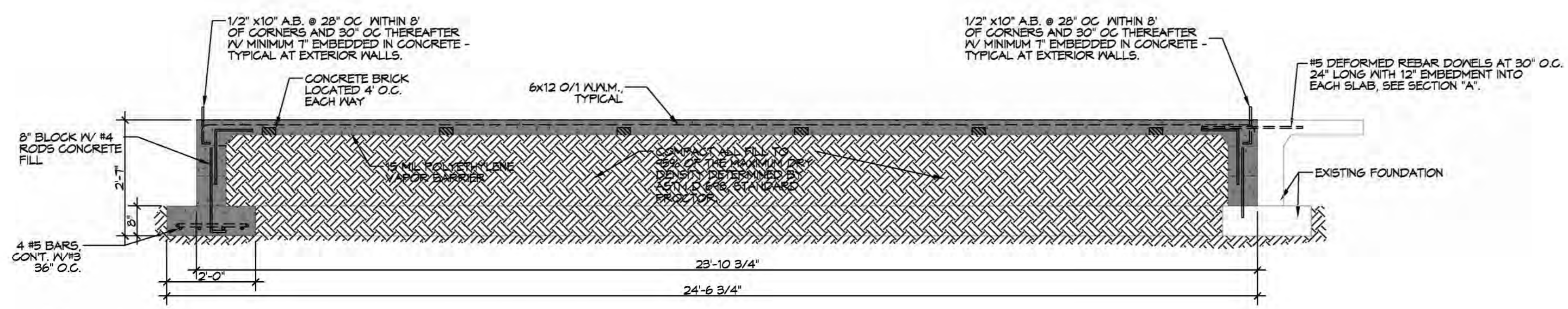
SHEET TITLE:  
 SITE PLAN

DRAWING NUMBER:  
**C101**  
 SHEET No: 3 of 15

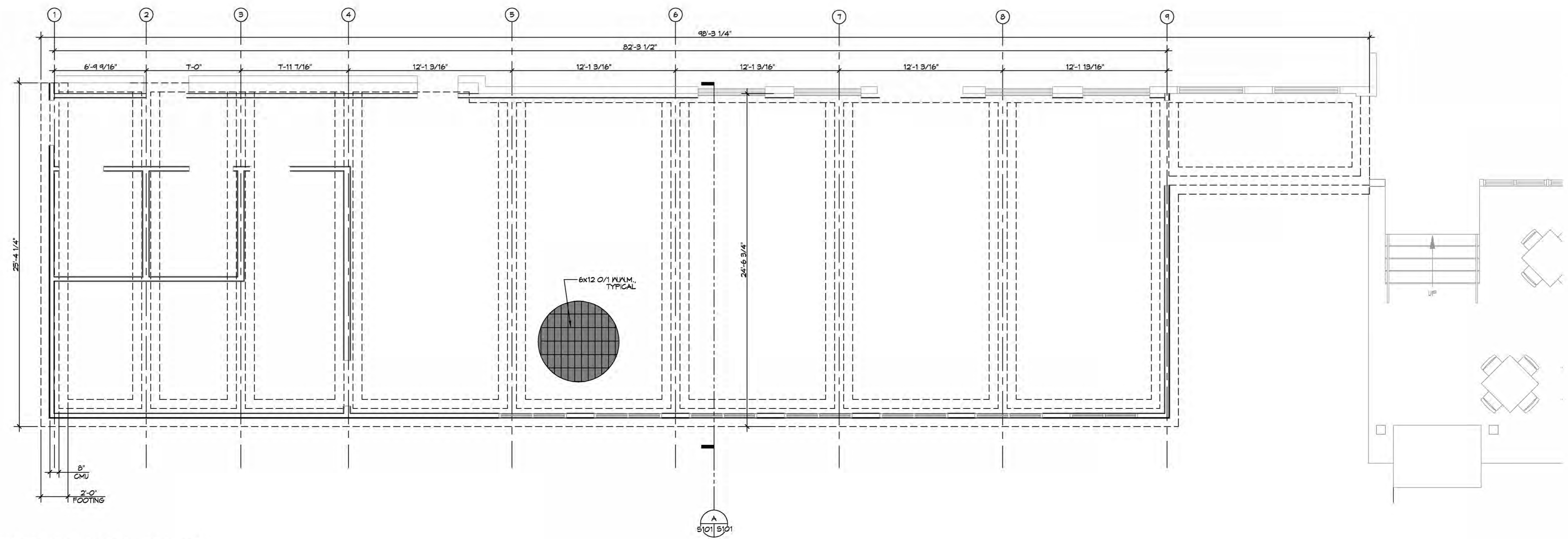
FILE NAME: A:\ESTIMATING\3000 - Residential\3000\3000\3000.dwg - PLOT DATE: 01/05/2015 10:20:11 AM  
 PLOT SCALE: 1/4" = 1'-0"

### GENERAL FOUNDATION NOTES

1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
2. ALL CONVENTIONAL REINFORCING SHALL MEET ASTM-A615 (GRADE 60).
3. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE 15 MIL. STRENGTH; ASTM E1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP EGO-SHIELD-E 15 MIL. BY EPRO OR RENOBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
4. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
5. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CMU LEDGES, DIMENSIONS, AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
6. GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
7. ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
8. A MINIMUM OF 4" CONCRETE THICKNESS SHALL BE MAINTAINED THROUGHOUT THE SLAB.
9. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
10. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
11. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
12. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1,200 PSF AND 2,000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
13. BASED ON THE RESULTS OF THE FIELD AND LABORATORY TESTS, AND THE ANTICIPATED FOUNDATION LOADS, ESTIMATED MAXIMUM FOUNDATION SETTLEMENTS SHOULD NOT EXCEED 1-1/4". DIFFERENTIAL SETTLEMENT IS ESTIMATED TO BE LESS THAN 1 INCH.
14. TREAT SOIL BELOW SLAB FOR TERMITES.



**A FOUNDATION SECTION**  
 SCALE: 1/2" = 1'-0" EXTERIOR DETAIL



**7 FOUNDATION PLAN**  
 SCALE: 1/4" = 1'-0"

ADDITION FOUNDATION PLAN

**DAMMON ENGINEERING, INC.**  
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#	DESCRIPTION	DATE

SEAL:  
  
 BRIAN A. MISTICH  
 License No. 30187  
 PROFESSIONAL ENGINEER

NEW DINING ADDITION  
**SOUTHSIDE CAFE**  
 3154 PONTCHARTRAIN DR  
 SLIDELL, LA 70458  
 JOB No: 2854 | DATE: 01-05-2015  
 DRAWN BY: JAGMM | CHECKED BY: GSD

SHEET TITLE:  
**FOUNDATION PLAN**  
 DRAWING NUMBER:  
**S101**  
 SHEET No: 4 of 15

### TABLE S102.7 - HEADER SPANS FOR INTERIOR LOAD-BEARING WALLS

HEADERS SUPPORTING	SIZE	DROPPED HEADER			RAISED HEADER		
		BUILDING WIDTH (FT)			BUILDING WIDTH (FT)		
		12	24	36	12	24	36
ONE FLOOR ONLY (SINGLE CENTER BEARING WALL)	(2) 2x4	4'-0"	2'-10"	2'-4"	4'-1"	2'-10"	2'-4"
	(2) 2x6	5'-11"	4'-3"	3'-5"	6'-1"	4'-4"	3'-6"
	(2) 2x8	7'-1"	5'-2"	4'-4"	7'-9"	5'-5"	4'-5"
	(2) 2x10	7'-11"	6'-0"	5'-0"	9'-2"	6'-6"	5'-3"
	(2) 2x12	8'-6"	6'-7"	5'-7"	10'-9"	7'-7"	6'-3"
	(3) 2x8	8'-5"	6'-4"	5'-3"	9'-8"	6'-10"	5'-7"
	(3) 2x10	9'-3"	7'-11" 9'-10"	6'-0"	11'-5"	8'-1"	6'-7"
	(3) 2x12	9'-11"	7'-8"	6'-7"	13'-6"	9'-6"	7'-9"
	(4) 2x8	9'-5"	7'-2"	6'-0"	11'-2"	7'-11"	6'-5"
	(4) 2x10	10'-3"	7'-11"	6'-9"	13'-3"	9'-4"	7'-8"
(4) 2x12	11'-0"	8'-7"	7'-4"	15'-7"	11'-0"	9'-0"	

### TABLE S102.8 - HEADER SPANS FOR EXTERIOR LOAD-BEARING WALLS RESISTING WIND LOADS EXP "C"

SIZE	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	195 MPH
(2) 2x4	5'-1"	4'-8"	4'-4"	4'-1"	3'-10"	3'-7"	3'-5"	3'-2"
(2) 2x6	6'-3"	5'-9"	5'-4"	5'-0"	4'-8"	4'-5"	4'-2"	3'-10"
(2) 2x8	6'-10"	6'-4"	5'-11"	5'-6"	5'-2"	4'-10"	4'-7"	4'-3"
(2) 2x10	7'-4"	6'-10"	6'-4"	5'-11"	5'-6"	5'-2"	4'-11"	4'-6"
(2) 2x12	7'-10"	7'-3"	6'-9"	6'-3"	5'-11"	5'-7"	5'-3"	4'-10"
(3) 2x8	8'-5"	7'-9"	7'-2"	6'-9"	5'-11"	5'-7"	5'-2"	4'-10"
(3) 2x10	9'-0"	8'-4"	7'-9"	7'-3"	6'-9"	6'-4"	6'-0"	5'-7"
(3) 2x12	9'-7"	8'-11"	8'-3"	7'-8"	7'-3"	6'-10"	6'-5"	5'-11"
(4) 2x8	9'-8"	9'-0"	8'-4"	7'-9"	7'-3"	6'-10"	6'-6"	6'-1"
(4) 2x10	10'-5"	9'-7"	8'-11"	8'-4"	7'-10"	7'-4"	6'-11"	6'-5"
(4) 2x12	11'-2"	11'-1"	10'-3"	9'-6"	8'-11"	8'-4"	7'-10"	6'-10"

### TABLE S102.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 110 MPH WIND EXP "C"

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
UPLIFT LOADS	1-3 STORIES	50 INCHES ON CENTER	50 INCHES ON CENTER

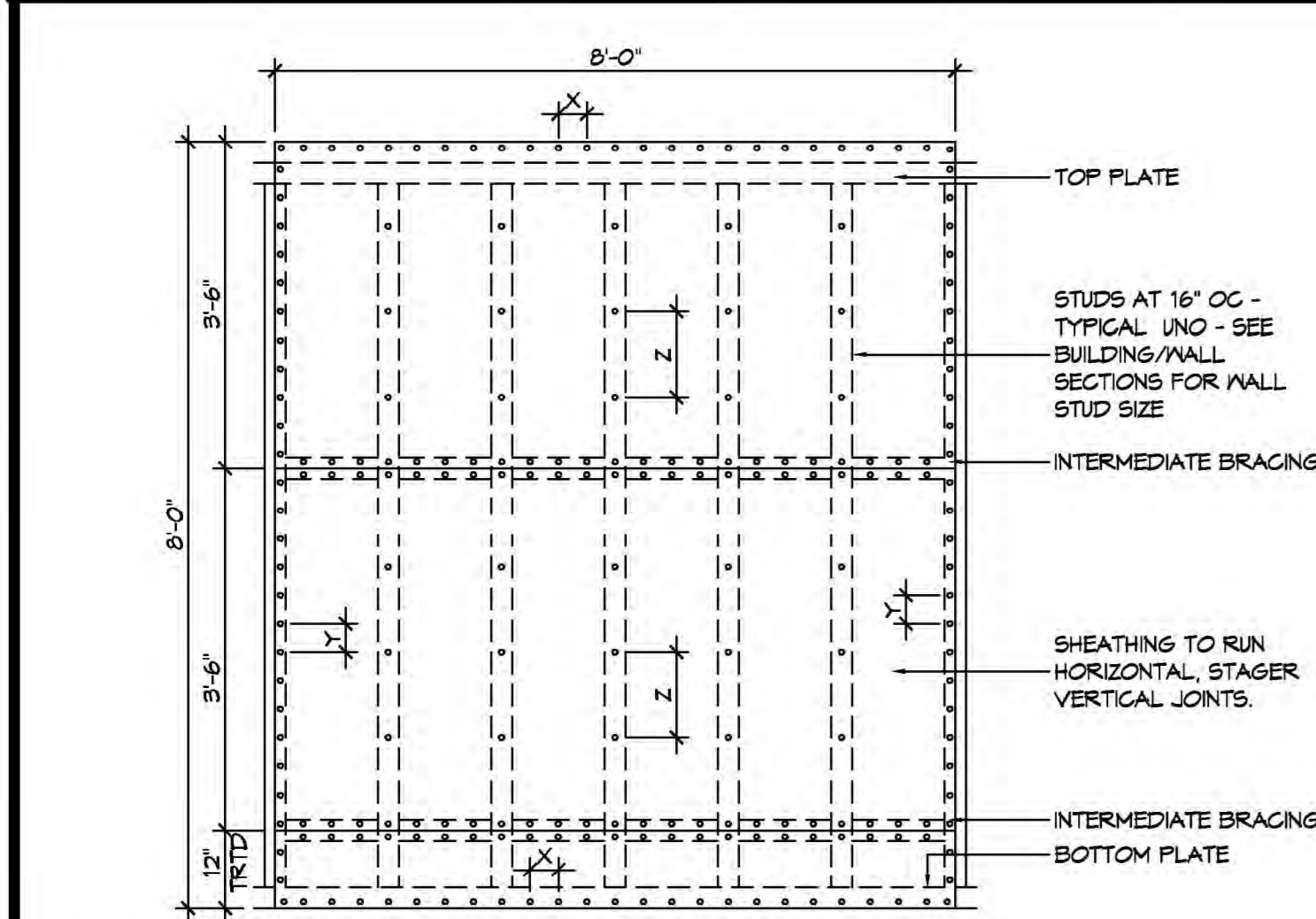
NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

### TABLE S102.10 - BOTTOM PLATE TO FOUNDATION CONNECTIONS (ANCHOR BOLTS) RESISTING LATERAL & SHEAR LOADS - EXP "C"

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
UPLIFT LOADS	1 STORY	1/2" Ø ANCHOR BOLTS 31 INCHES ON CENTER	5/8" Ø ANCHOR BOLTS 48 INCHES ON CENTER

### TABLE S102.11 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXP "C"

HEADER SPAN (FEET)	WALL STUD SPACING (INCHES)		
	12' O.C.	16' O.C.	24' O.C.
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2
10	5	4	3
12	6	5	3
14	7	6	4
16	8	6	4



**NAIL SPACING**  
 X = 4' OC  
 Y = 4' OC  
 Z = 12' OC

X = PLATE EDGE NAIL SPACING  
 Y = LONG EDGE NAIL SPACING  
 Z = FIELD NAIL SPACING

**(H) SHEAR WALL EXTERIOR SHEATHING NAILING PATTERN**

**1 TYPICAL CONNECTION DETAILS**  
 SCALE: NTS

### TABLE S102.5 - JACK STUD REQ - INT LOADBEARING WALLS

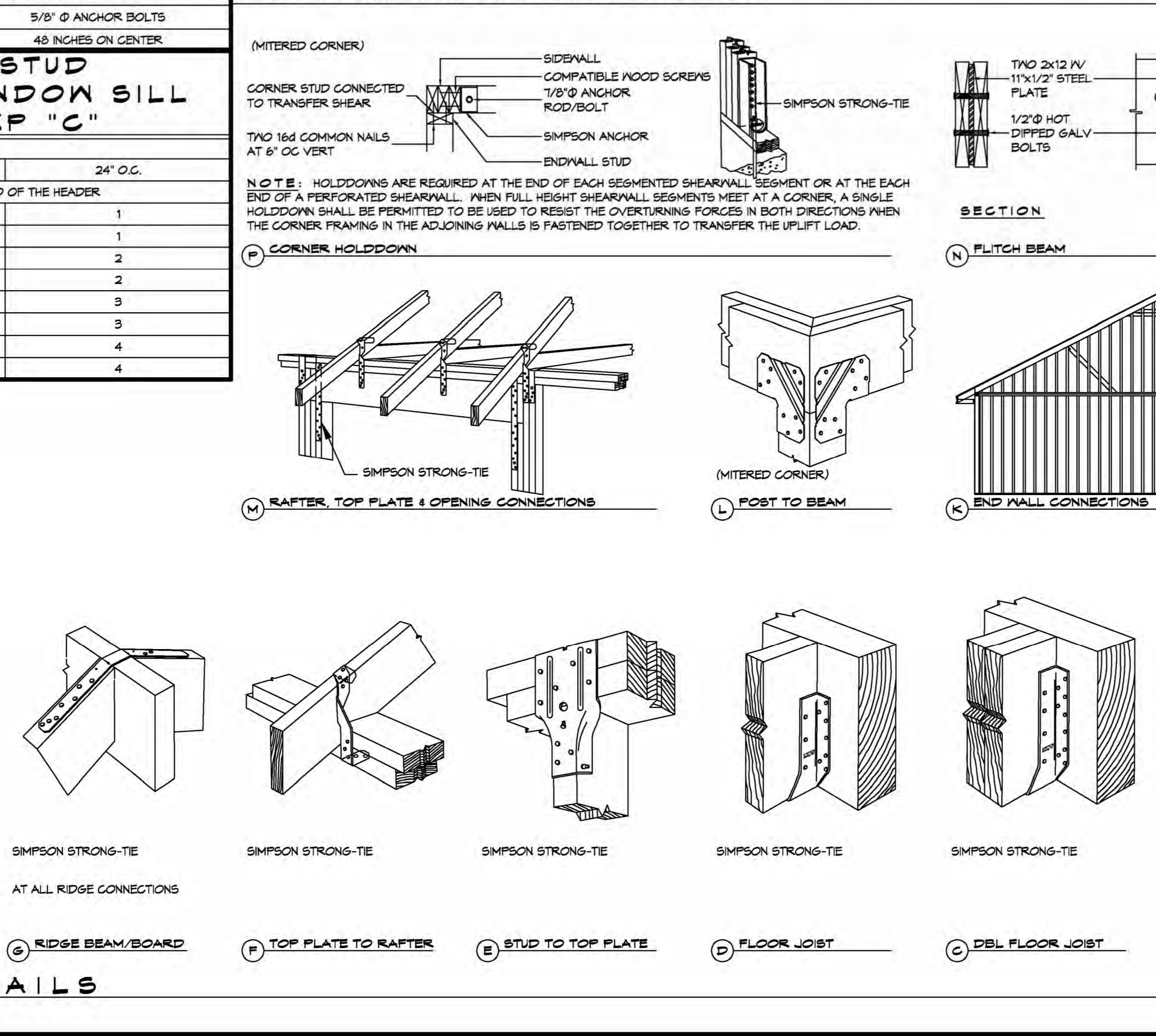
HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)																		
		12 FEET					24 FEET					36 FEET								
		HEADER WIDTH																		
ONE FLOOR ONLY (CENTER BEARINGS)	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
	8	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1	1	1	1	1
	10	1	1	1	1	1	2	2	1	1	3	2	2	2	2	2	2	2	2	2
	12	1	1	1	1	1	2	2	2	1	3	2	2	2	2	2	2	2	2	2
	14	2	1	1	1	1	3	2	2	2	4	3	3	3	2	2	2	2	2	2
	16	2	1	1	1	1	3	2	2	2	4	3	3	3	2	2	2	2	2	2
	18	2	1	1	1	1	3	2	2	2	4	3	3	3	2	2	2	2	2	2
	20	2	2	1	1	1	3	2	2	2	5	3	3	3	2	2	2	2	2	2
TWO FLOORS (CENTER BEARINGS)	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
	8	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
	10	2	2	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2
	12	2	2	2	2	1	4	3	3	2	6	4	4	4	3	3	3	3	3	3
	14	3	2	2	2	2	5	3	3	3	7	5	4	4	4	4	4	4	4	4
	16	4	3	2	2	2	6	4	4	3	8	5	5	5	4	4	4	4	4	4

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN

### TABLE S102.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF LIVE LOAD 20 PSF				GROUND SNOW LOAD 30 PSF			
		3"	4.5"	5"	6"	3"	4.5"	5"	6"
ROOF AND CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1
	8	2	2	2	1	2	2	2	1
	10	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2
	14	4	3	2	2	4	3	2	2
	16	4	3	3	2	4	3	3	2
	18	5	4	3	2	5	4	3	2
	20	5	4	3	2	5	4	3	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1
	6	2	2	2	1	3	2	2	2
	8	3	2	2	2	3	2	2	2
	10	4	3	2	2	4	3	3	2
	12	4	3	3	2	5	3	3	3
	14	5	4	3	3	5	4	3	3
	16	6	4	4	3	6	4	4	3

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN



### TABLE S102.3 - NAILING SCHEDULE

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
<b>WALL FRAMING</b>			
TOP PLATE TO TOP PLATE (FACE NAILED)	2-16d	2-16d	PER FOOT
TOP PLATE AT INTERSECTION (FACE)	4-16d	5-16d	JOINTS - EACH SIDE
STUD TO STUD (FACE-NAILED)	2-16d	2-16d	24" O.C.
HEADER TO HEADER (FACE NAILED)	16d	16d	16" O.C. EDGES
TOP OR BOTTOM PLATE TO STUD (END)	SEE TABLE	SEE TABLE	PER STUD
BOTTOM PLATE TO FLOOR JOIST, BANDJOIST, END JOIST OR BLOCKING	2-16d	2-16d	PER FOOT
<b>ROOF SHEATHING</b>			
WOOD STRUCTURAL PANELS	8d	10d	SEE TABLE S102.1
DIAGONAL BOARD SHEATHING	1"x6" OR 1"x8"	2-8d	2-10d PER SUPPORT
1"x10" OR RIDER	3-8d	3-10d	PER SUPPORT

### TABLE S102.4 - BUILDING ENVELOPE REQUIREMENTS

OPAQUE ELEMENTS	ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE	
ROOFS	INSULATION ENTIRELY ABOVE DECK	U-0.048	R-20.0 c.i.
	METAL BUILDING	U-0.068	R-19
	ATTIC AND OTHER	U-0.027	R-38
WALLS, ABOVE GRADE	MASS	U-0.151 @	R-5.7 c.i. @
	METAL BUILDING	U-0.119	R-13.0
	STEEL-FRAMED	U-0.124	R-13.0
FLOORS	WOOD-FRAMED AND OTHER	U-0.089	R-13.0
	MASS	U-0.107	R6-3 c.i.
	STEEL JOIST	U-0.052	R-19.0
SLAB-ON-GRADE	WOOD-FRAMED AND OTHER	U-0.051	R-19.0
	UN-HEATED	F-0.730	NR
	SWINGING	U-0.100	NR
OPAQUE DOORS	NON-SWINGING	U-1.450	NR

c.i. = CONTINUOUS INSULATION; NR = NO INSULATION REQUIREMENT  
 @ = EXCEPTION APPLIES

### ROOF UNDERLAYMENT NOTES

- FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
  - APPLY A 1/4 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE.
  - STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 14 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
- FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
  - UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

### SHINGLE APPLICATION & FASTENING NOTES

- ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES:
  - THE BASIC WIND SPEED IS 110 MPH OR GREATER AND THE EAVE IS 20 FEET OR HIGHER ABOVE GRADE.
  - THE BASIC WIND SPEED IS 120 MPH OR GREATER.
  - SPECIAL WIND ZONES.

### GENERAL UPLIFT CONNECTION NOTES

**ROOF ASSEMBLY TO WALL ASSEMBLY:**  
 UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.10.

**WALL ASSEMBLY TO WALL ASSEMBLY:**  
 STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.11.

**WALL ASSEMBLY TO FOUNDATION:**  
 FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL, PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A689 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 1 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 15 INCHES IN MASONRY BLOCK FOUNDATIONS OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G185 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.12.

### TABLE S102.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - 130 MPH WIND LOAD EXP "C"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	E F	
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12' OC	6	12
	16' OC	6	12
	24' OC	6	12
PERIMETER EDGE ZONE	12' OC	6	12
	16' OC	6	12
	24' OC	6	6

110 MPH WIND - EXPOSURE 'C' TYPICAL  
 E = NAIL SPACING AT PANEL EDGES, INCHES.  
 F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

### TABLE S102.2 - WALL SHEATHING OR CLADDING REQUIREMENT - 130 MPH WIND LOAD EXP "C"

SHEATHING LOCATION	STUD SPACING	E F	
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12' OC	6	12
	16' OC	6	12
	24' OC	6	12
PERIMETER EDGE ZONE	12' OC	6	12
	16' OC	6	12
	24' OC	6	12

110 MPH WIND - EXPOSURE 'C' TYPICAL  
 E = NAIL SPACING AT PANEL EDGES, INCHES.  
 F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

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**SOUTH SIDE CAFE**

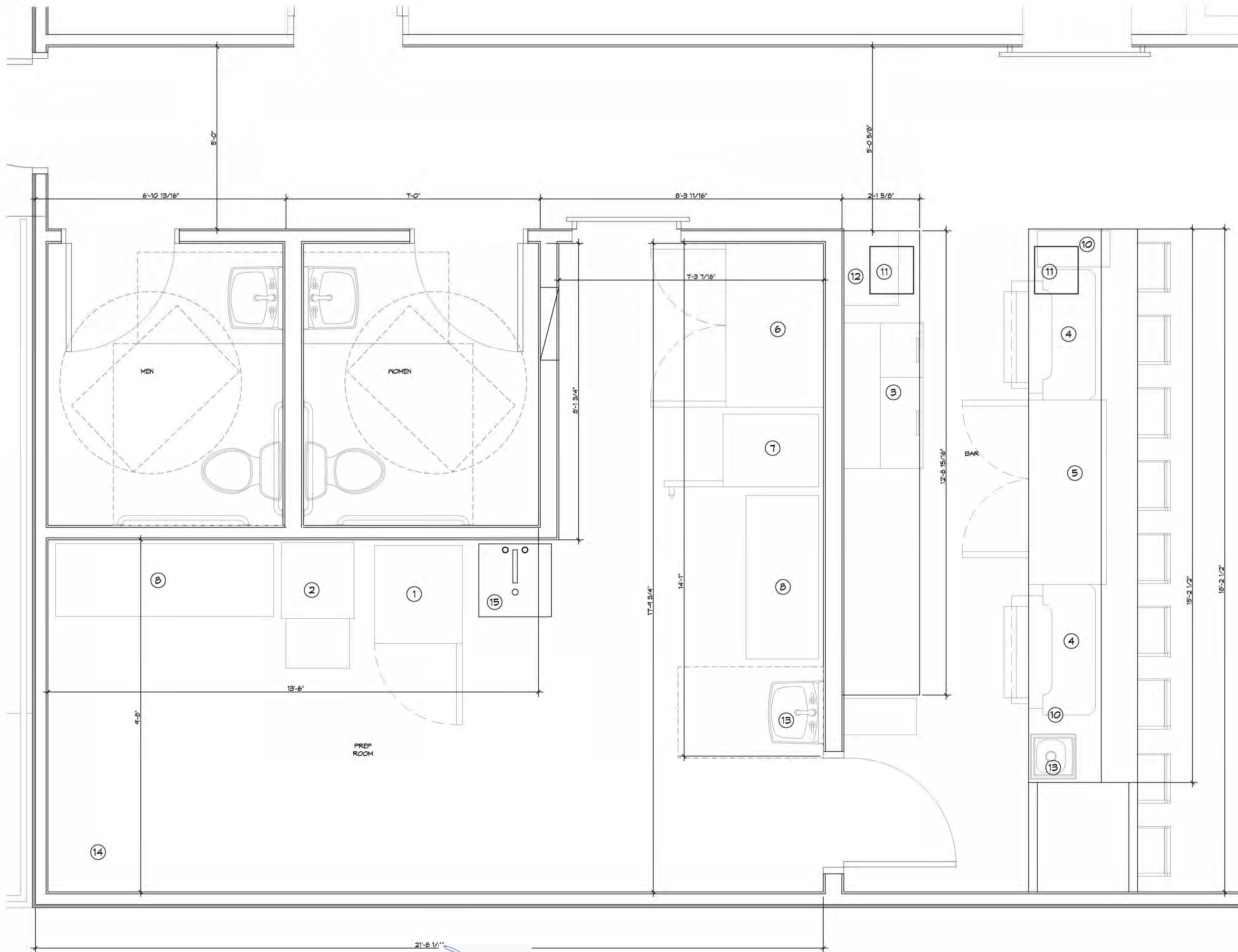
NEW BUILDING ADDITION  
 SHEET TITLE: TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES  
 DRAWING NUMBER: S102  
 SHEET No. 5 of 15







FILE NAME: J:\RESTAURANTS\3030 - BUSINESS CENTER\Design\3030.dwg - 3030.dwg - 10/18/2011 10:51:14 AM



EQUIPMENT LIST	
1.	SINGLE DOOR FREEZER 24"
2.	DISHWASHER
3.	MUG CHILLER
4.	SPEED RAIL/ ICE 30"
5.	BEER COOLER 60"
6.	DOUBLE DOOR REACH-IN REFRIGERATOR 54"
7.	ALTO SHAAM 22-1/2" 208/240V
8.	PREP TABLES 12" x 54"
9.	MUG RACK
10.	UNDER COUNTER TRASH CAN
11.	P.O.S.
12.	AV EQUIPMENT BOX (ON WALL)
13.	HAND SINK
14.	WATER HEATER
15.	UTILITY SINK
16.	ICE MACHINE

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REVISIONS	DATE
# DESCRIPTION	

SEAL:

NEW DINING ADDITION  
**SOUTHSIDE CAFE**

JOB No: 2894 | DATE: 01-05-2014  
DRAWN BY: JAG/KM | CHECKED BY: JMS  
3154 PONTCHARTRAIN DR  
SLIDELL, LA 70688

**13 BAR & EQUIPMENT FLOOR PLAN**  
SCALE: 3/4" = 1'-0"



SHEET TITLE:  
**BAR FLOOR PLAN**

DRAWING NUMBER:  
**A103**

SHEET No: 4 of 15







FILE NAME: A:\RESTAURANT\3030 - Southside Cafe\Drawings\MECH\18-Details.dwg DATE: 01/28/2014 11:41:17  
 USER: JAG/VMK  
 PLOT DATE: 01/28/2014 11:41:17  
 PLOT DEVICE: HPGL  
 PLOT SCALE: 1/8"=1'-0"  
 PLOT SHEETS: 14 OF 15

SPLIT SYSTEM HEAT PUMP SCHEDULE														
TAG	TRANE AIR HANDLER MODEL NO.	NOMINAL TONS	TOTAL CFM	OA CFM	COOLING				POWER			GAS HEAT		REMARKS
					MEH	SHG	Motor HP	ESP (° F/C)	VAC	PR	MGA	MEH OUTPUT	MAX. AIR TEMP RISE (F)	
RTU-1	YSC120H3	10	3400	1100	121.1	77.1	2.75	0.4	208	3	49	120 / 84	50	1, 2, 3, 4, 5

- NOTES:
- Cooling capacities to be rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.
  - Provide single point power connection, motorized outside air damper (0 - 50%) & condensate overflow switch.
  - Install units in accordance with manufacturer's recommendations.
  - Provide programmable 1/24 thermostat with lockout.
  - Provide new filters after commissioning and final acceptance.

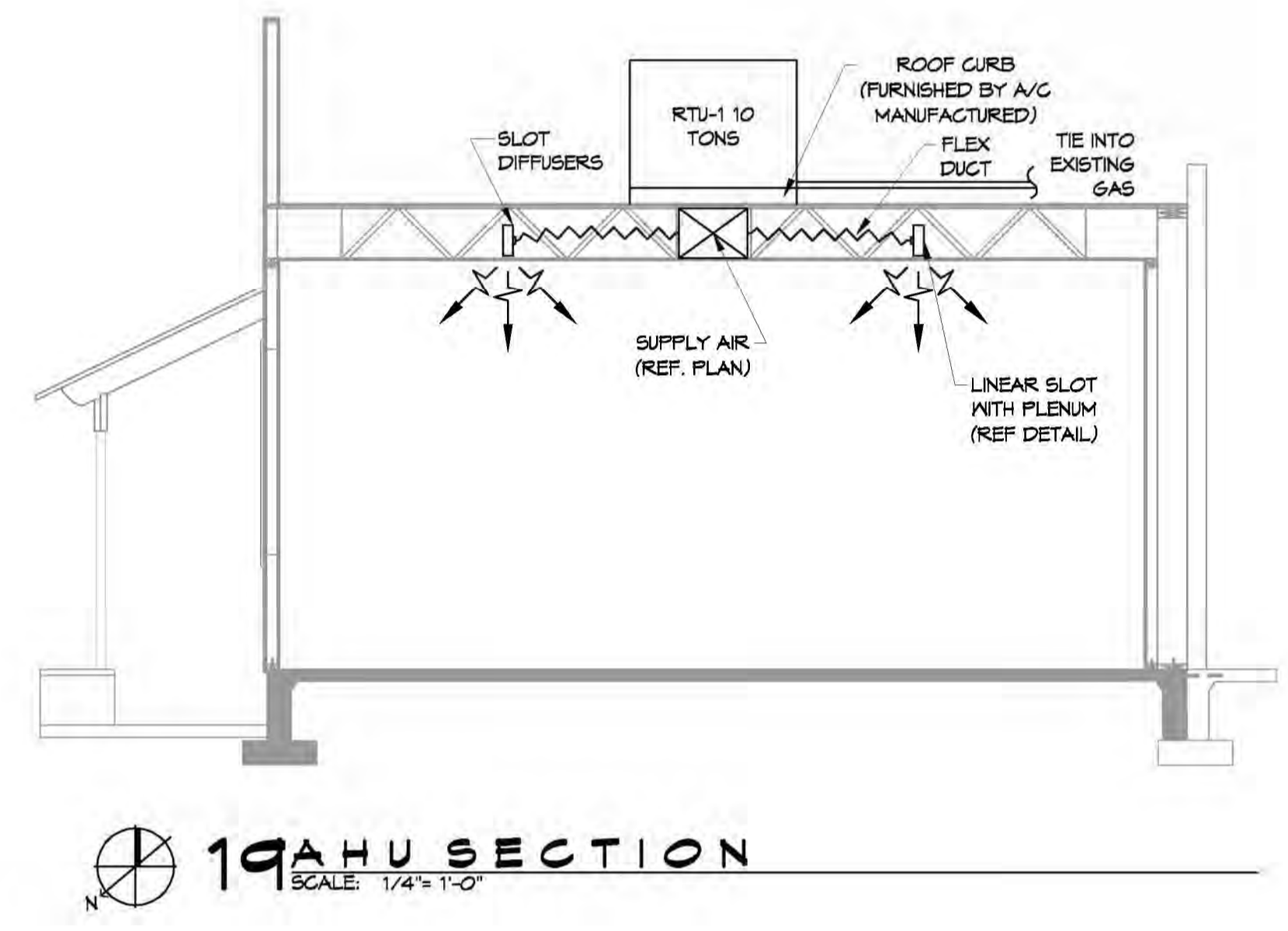
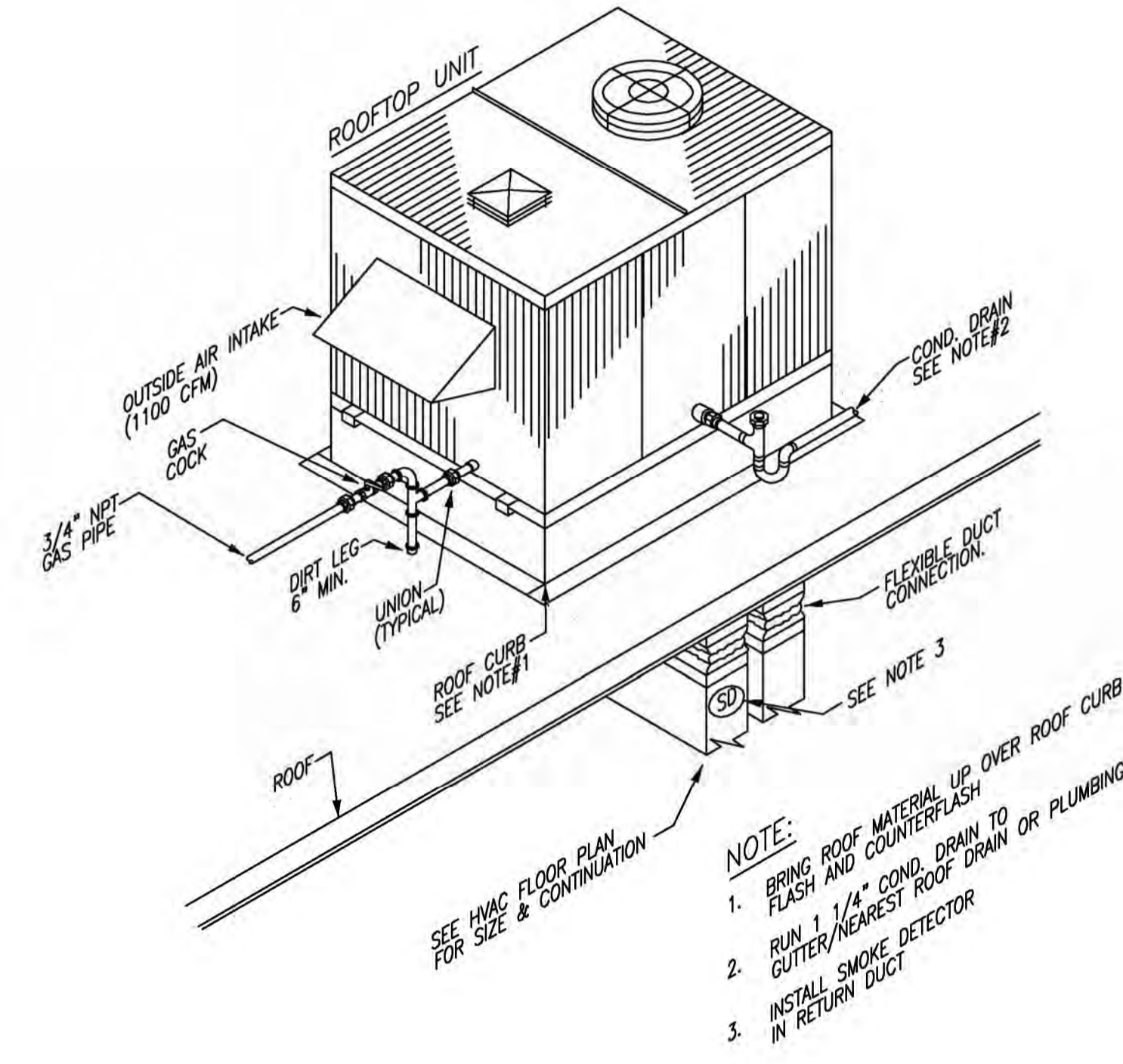
DIFFUSER SCHEDULE				
Mark No.	Service	Neck Size	Description	
A	Supply Air	Ref. Plan	36" x 3/4" three slot linear w/ plenum	
B	Supply Air	Ref. Plan	60" x 3/4" four slot linear w/ plenum	
C	Supply Air	Ref. Plan	24" x 24" fixed pattern plenum, aluminum steel	
D	Return Air	Ref. Plan	Perforated face return, aluminum	
E	Return Air	Ref. Plan	Perforated face return, aluminum	

1. Coordinate with Owner for colors and finish.

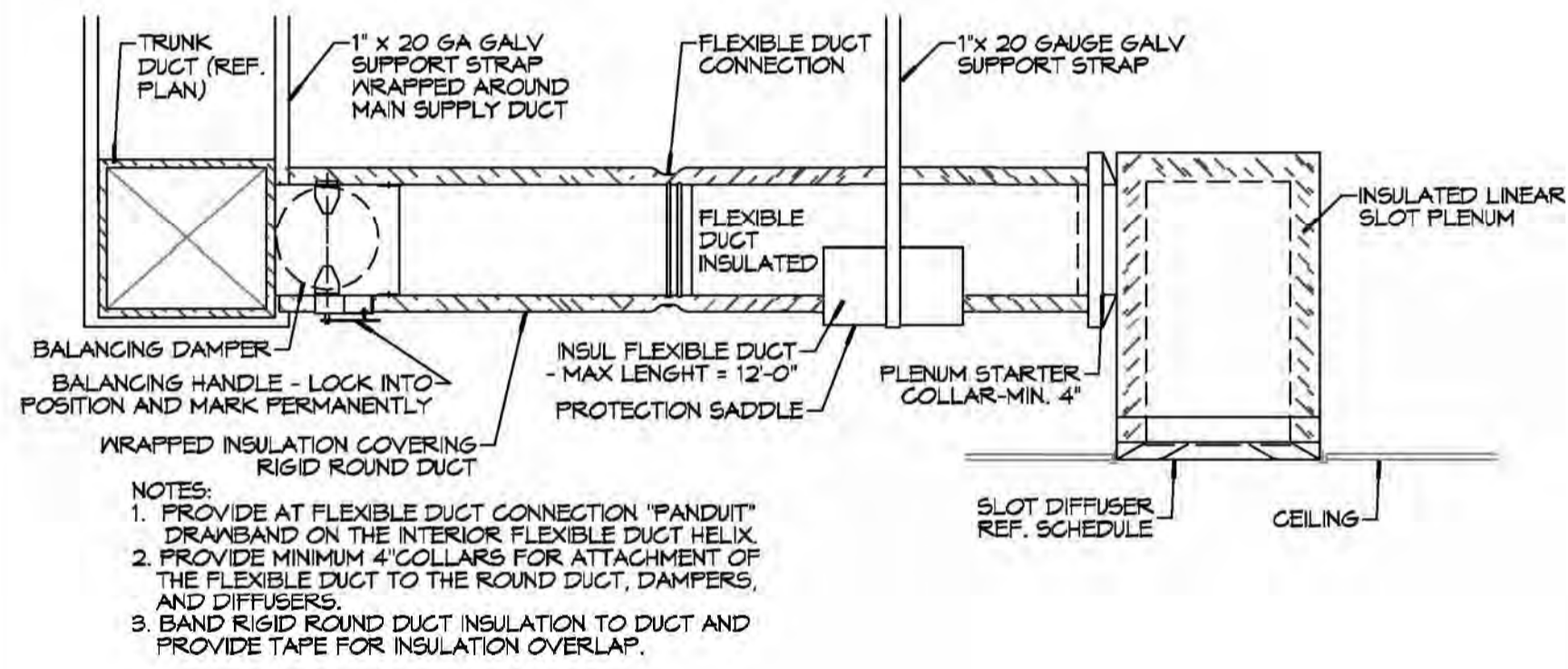
### GENERAL HVAC NOTES

- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 12E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125 °F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
- PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE-RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
- CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
- EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
- PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
- LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
- REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E8-14).
- ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0".
- REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
- FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
- PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AHS. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
- FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
- PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
- COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
- SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
- PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.

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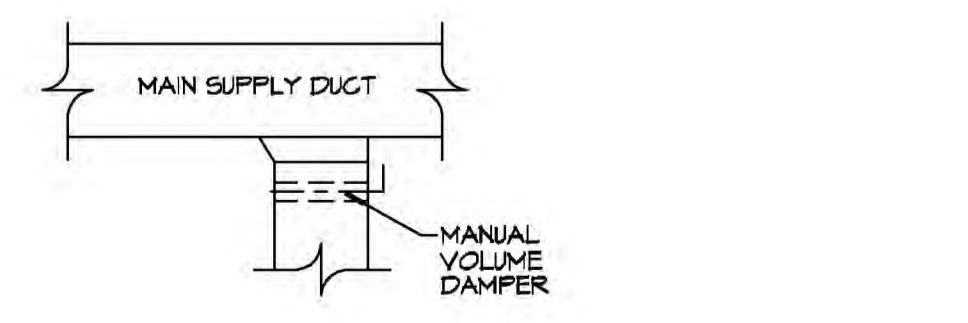


**D TYPICAL ROOF TOP INSTALLATION AHU DETAIL**

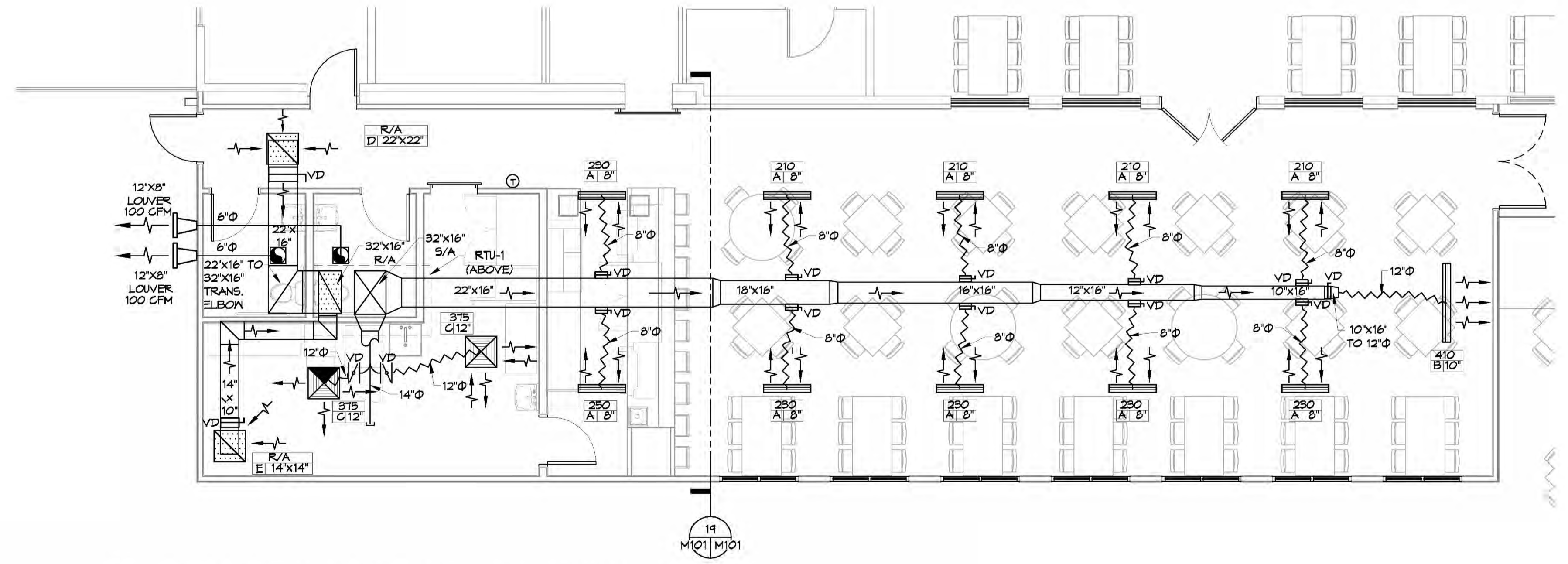


**C DIFFUSER CONNECTION DETAIL - FLEX DUCT**

**B SQUARE ELBOW DETAIL**



**A SUPPLY DUCT TAKE-OFF DETAIL**



**17MECHANICAL FLOOR PLAN**  
SCALE: 3/16"=1'-0"

**18DETAILS**  
SCALE: NTS

### LEGEND

- SUPPLY AIR GRILLE 4-WAY
- SUPPLY AIR 3-WAY
- LINEAR DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN
- THERMOSTAT
- SUPPLY AIR DUCT
- RETURN AIR DUCT
- DAMPER CONTROL
- ROUND FLEX DUCT, MAX LENGTH 12'-0", MIN. R-6. PROVIDE MAN. DAMPER AT DIFFUSER CONNECTIONS, DUCT SIZE AS FOLLOWS:  
250 CFM TO 350 CFM = 9"  
200 CFM TO 250 CFM = 8"  
150 CFM TO 200 CFM = 7"  
100 CFM TO 150 CFM = 6"

REVISIONS  
 # DESCRIPTION  
 DATE  
 SEAL:

NEW DINING ADDITION  
**SOUTHSIDE CAFE**  
 9154 PONTCHARTRAIN DR  
 SLIDELL, LA 70688  
 DRAWN BY: JAG/VMK  
 DATE: 01/28/2014  
 CHECKED BY: CJD

SHEET TITLE:  
 MECHANICAL FLOOR PLAN, SCHEDULES AND DETAILS  
 DRAWING NUMBER:  
**M101**  
 SHEET No: 14 of 15

FILE NAME: J:\\_REVISED\1300 - Business Ops\1300\1300.dwg Date: 11/13/15 11:13:15 AM

### GENERAL PLUMBING NOTES

- PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
- PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
- ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES. MUST MEET LA STATE PLUMBING CODE 2013 REQUIREMENTS.
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
- CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
- SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
- TEST ALL PIPING AT REQUIRED PRESSURE.
- ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
- ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
- DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
- DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L. HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE #5A (#5-5) SOLDER.
- SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DRY PIPE AND FITTINGS WHERE PERMITTED BY CODE.
- ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
- ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

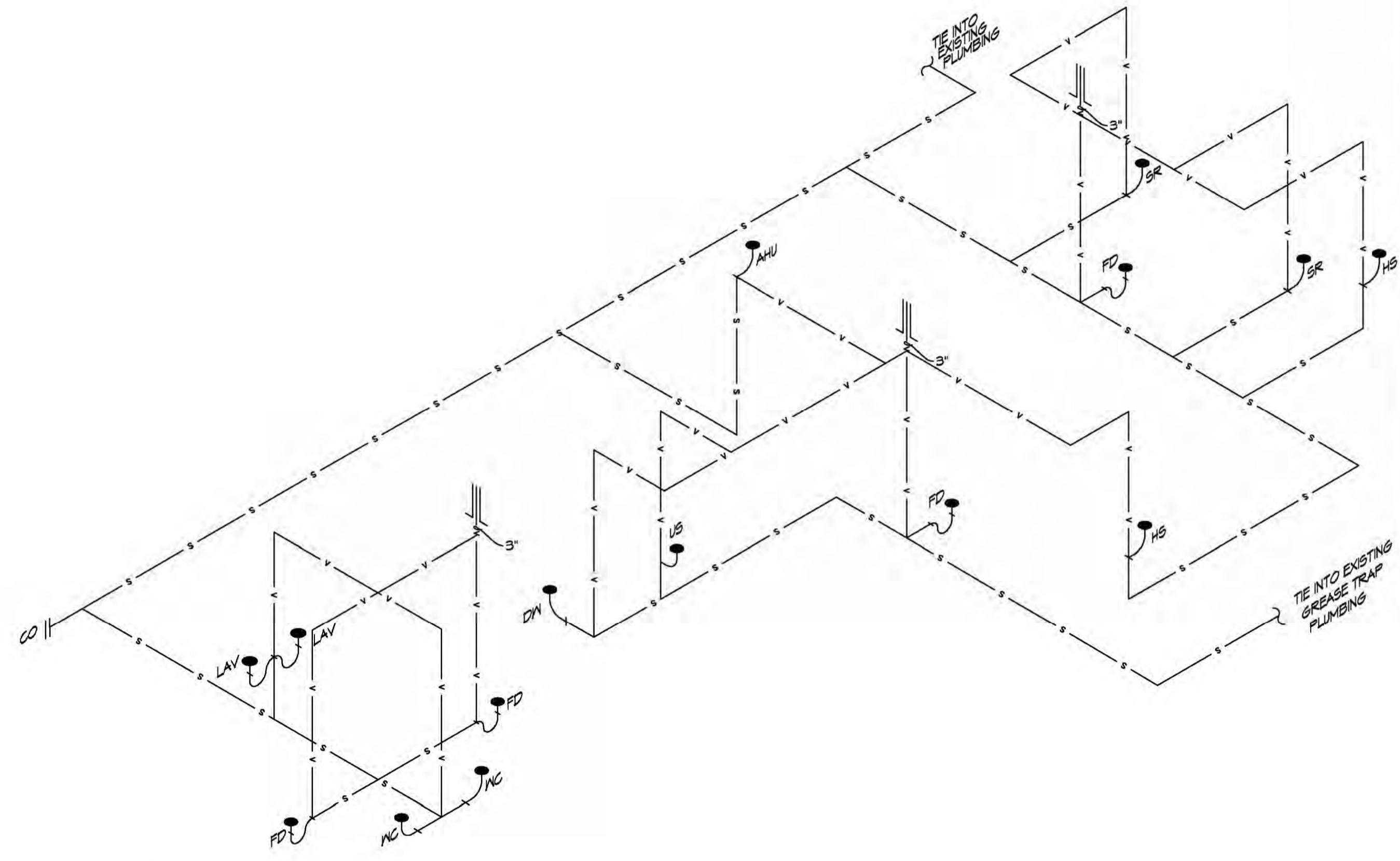
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REVISIONS	
#	DATE
1	11-13-15
DESCRIPTION	
1	REVISED PLUMBING DIAGRAM

SEAL:

NEW DINING ADDITION  
**SOUTHSIDE CAFE**  
 9154 PONTCHARTRAIN DR  
 SLIDELL, LA 70458  
 JOB No: 2854 DATE: 01-28-2014  
 DRAWN BY: JAG/VM CHECKED BY: CJD

SHEET TITLE:  
 PLUMBING PLAN AND PLUMBING RISER DIAGRAM  
 DRAWING NUMBER:  
**P101**  
 SHEET No: 13 of 15



**16 PLUMBING RISER DIAGRAM**  
SCALE: NTS

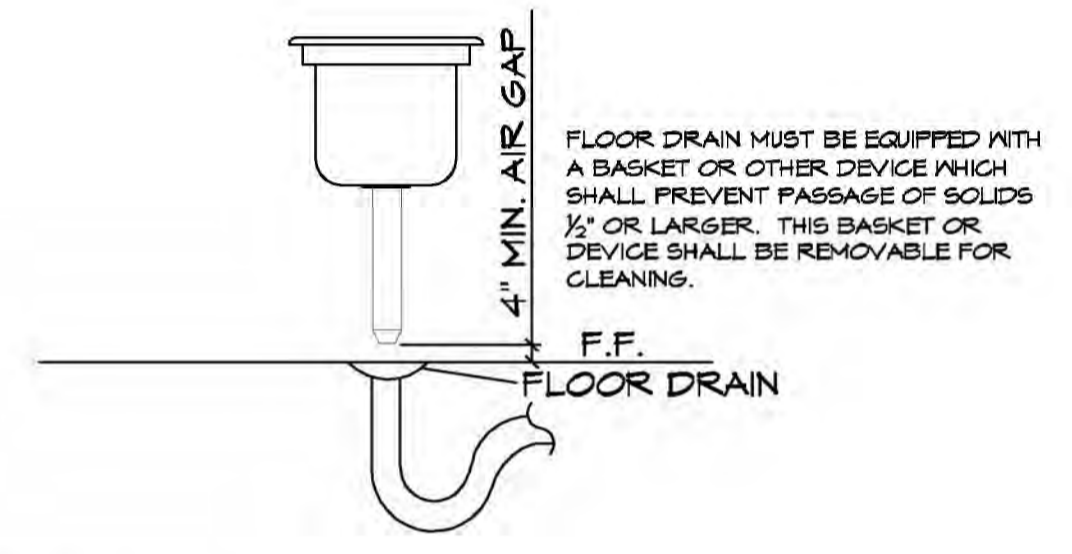
#### PLUMBING ABBREVIATIONS

SR	SPEED RAIL
DN	DISHWASHER
US	UTILITY SINK
AS	ALTO SHAAM
HS	HAND SINK
LAV	LAVATORY
WC	WATER CLOSET

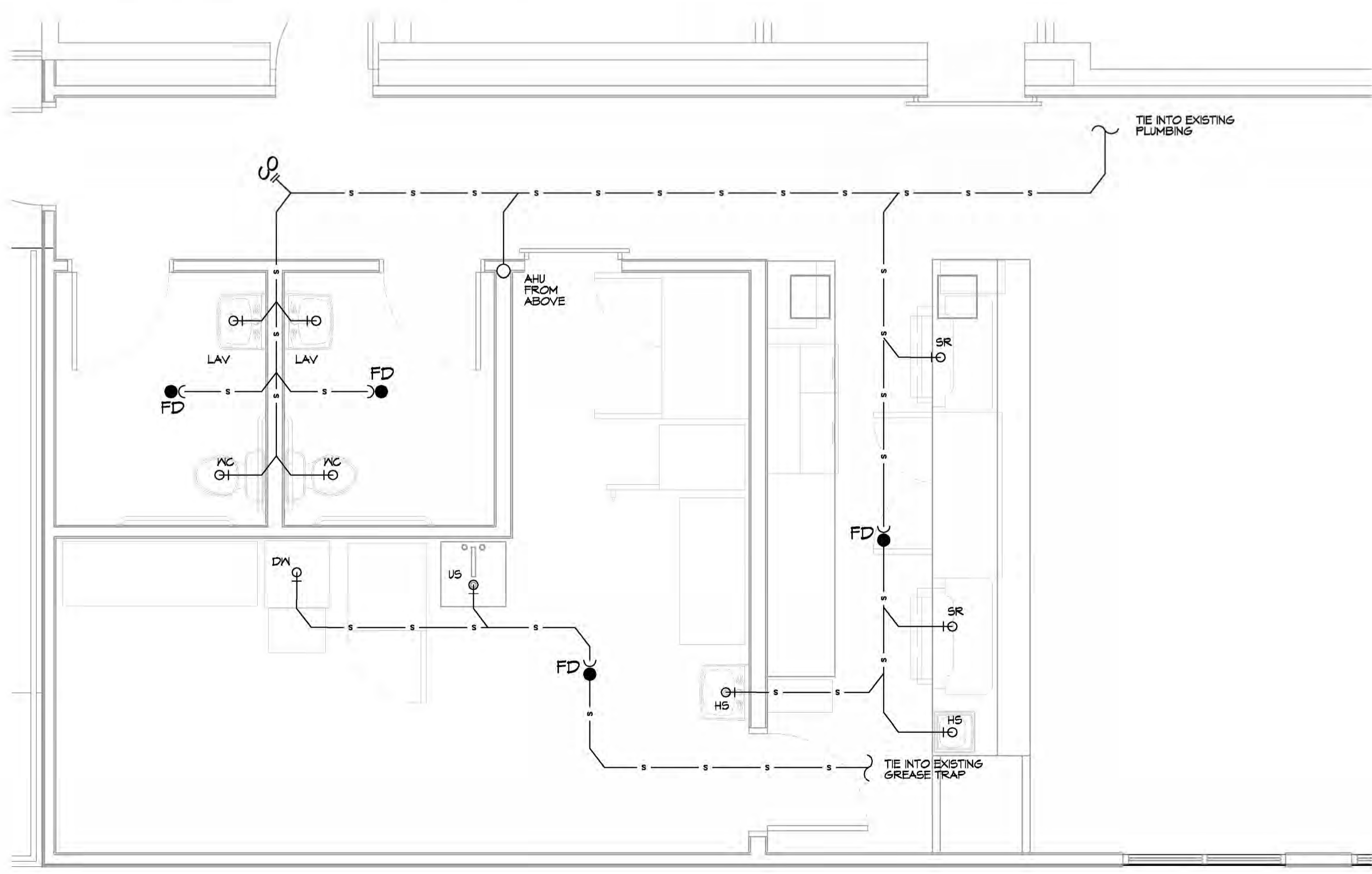
  

#### LEGEND

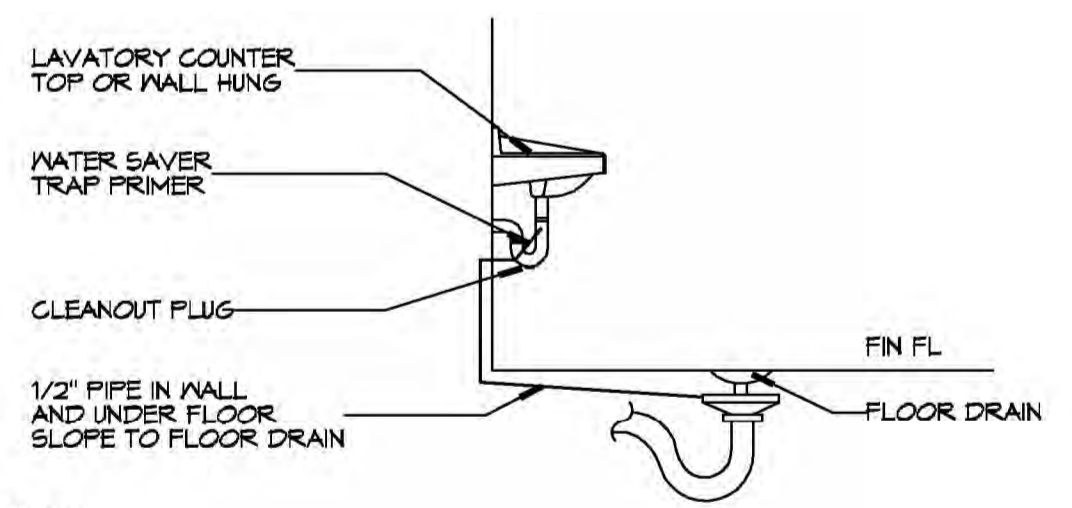
SYMBOL	DESCRIPTION
—S—S—	SANITARY SEWER
—V—V—	VENT PIPE
—●FD	FLOOR DRAIN
— GO	LINE CLEAN OUT
— WCO	WALL CLEAN OUT



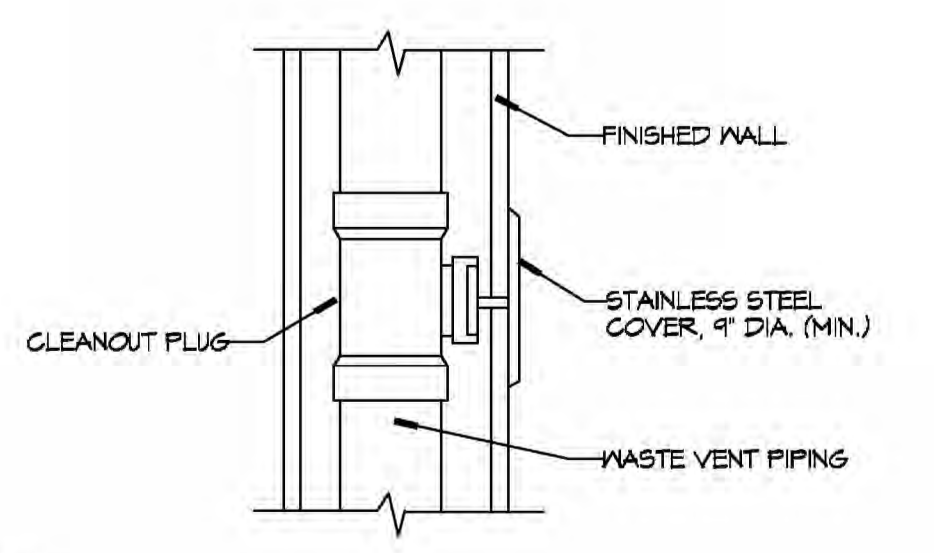
**15 DETAIL**  
SCALE: NTS TYPICAL FLOOR SINK



**12 PLUMBING PLAN**  
SCALE: 3/8"=1'-0"



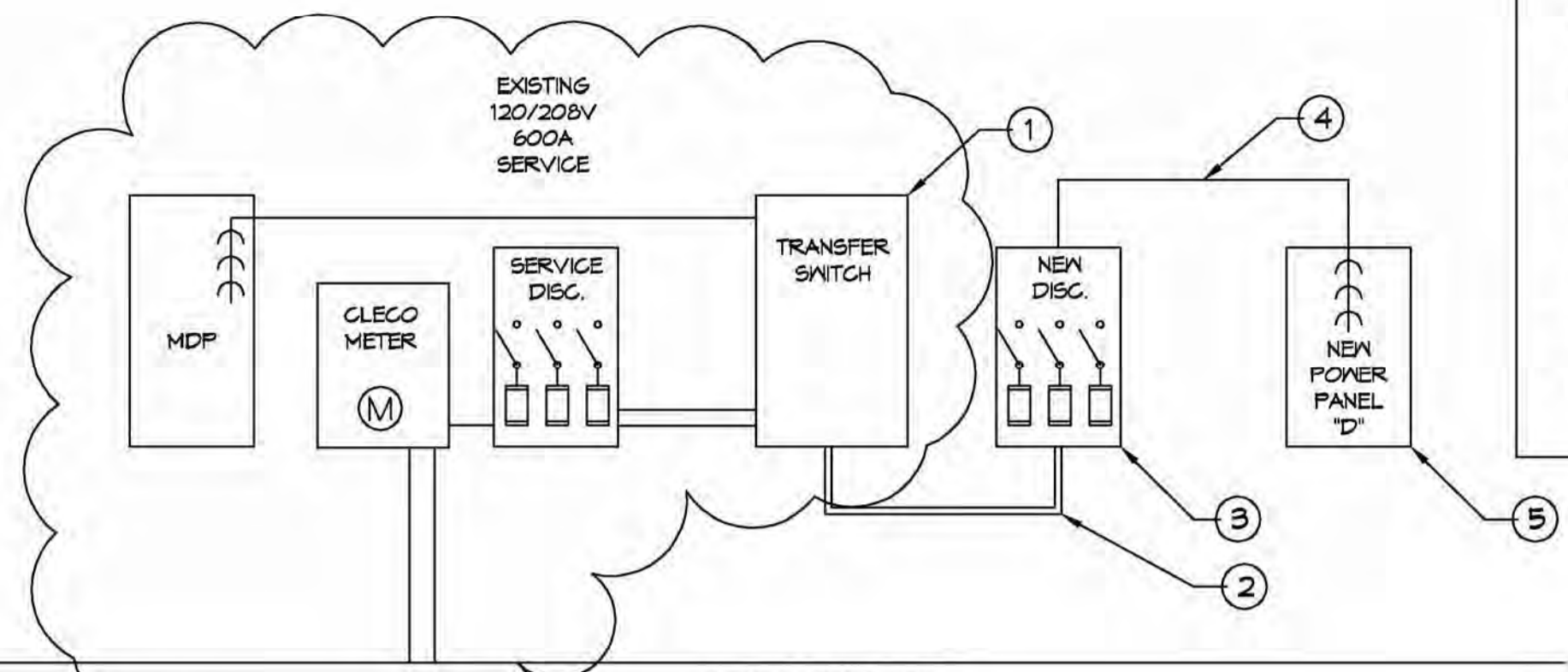
**14 TYPICAL DETAILS**  
SCALE: NTS MISCELLANEOUS PLUMBING



**12 TYPICAL DETAILS**  
SCALE: NTS MISCELLANEOUS PLUMBING

PANEL SCHEDULE											
PANEL NO.	TRK NO.	TRK SIZE	DESCRIPTION	LOAD (KW)	LOAD (VA)	BREAKER	LOAD (KW)	LOAD (VA)	DESCRIPTION	TRK NO.	TRK SIZE
1	1	1/2"	120V 15A	0.3	0.3	15A	0.3	0.3	DISHWASHER 24"	10	1/2"
1	2	1/2"	DOUBLE DOOR FREEZER - 24"	1.0	1.0	30A	1.0	1.0	ALTO SHAAM #1	11	1/2"
1	3	1/2"	DOUBLE DOOR REFRIG./FREEZER - 24"	1.0	1.0	30A	1.0	1.0	ALTO SHAAM #1	12	1/2"
1	4	1/2"	BEER COOLER - 60"	0.3	0.3	15A	0.3	0.3	HIGH CHAIRS - 18	13	1/2"
1	5	1/2"	RESTROOM GR	0.2	0.2	15A	0.2	0.2	PREP ROOM OUTLET	14	1/2"
1	6	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	POS - #1	15	1/2"
1	7	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	POS - #1 BAR GR	16	1/2"
1	8	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	PULL MARCHER	17	1/2"
1	9	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	PULL MARCHER	18	1/2"
1	10	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	TV WALL MOUNTED	19	1/2"
1	11	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	RESTROOM LIGHTS AND SINKS	20	1/2"
1	12	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	HALL AND BAR LIGHTS	21	1/2"
1	13	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	PREP ROOM LIGHTS	22	1/2"
1	14	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	PULL MARCHER	23	1/2"
1	15	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	PULL MARCHER	24	1/2"
1	16	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	DINING AREA WALL OUTLETS	25	1/2"
1	17	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	ABOVE BAR OUTLETS	26	1/2"
1	18	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	ICE MACHINE	27	1/2"
1	19	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	28	1/2"
1	20	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	29	1/2"
1	21	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	30	1/2"
1	22	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	31	1/2"
1	23	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	32	1/2"
1	24	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	33	1/2"
1	25	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	34	1/2"
1	26	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	35	1/2"
1	27	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	36	1/2"
1	28	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	37	1/2"
1	29	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	38	1/2"
1	30	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	39	1/2"
1	31	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	40	1/2"
1	32	1/2"	EXTERIOR GR	0.1	0.1	15A	0.1	0.1	SPACE	41	1/2"

NOTE:  
ALL 120 VOLT, 20 AMPERE RECEPTACLES INSTALLED IN THE KITCHEN AND AT THE SERVING LINE ARE TO BE GFCI PROTECTED WITH GFCI CIRCUIT BREAKERS IN THE ELECTRICAL PANEL. SEE PANEL SCHEDULES, FOR MORE DETAILS.



- ONE LINE NOTES:
- DOUBLE LWS LINE SIDE OF TRANSFER SWITCH FEED USING POLARIS INSULATED MULTI-TAPS. TRANSFER SWITCH HAS DOUBLE FEEDS FROM SERVICE DISC. TAPS MUST BALANCE LOAD ON DOUBLE FEEDS. ONE EACH TAP PER FEED.
  - 2 - (3 - #1 THHN; 1 - #1 NEUTRAL THHN; 1 - #6 GND COPPER; 3" C.)
  - 120/208V 200amp DISCONNECT, FUSE AT 200amps
  - 3 - 4/0 THHN; 1 - 4/0 NEUTRAL THHN; 1 - #6 GND COPPER; 2-1/2" C
  - 120/208V 200amp PANELBOARD

23 ONE LINE DIAGRAM  
SCALE: 3/16"=1'-0"

POWER LEGEND

- SYMB
- STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 15' AFF (UNLESS OTHERWISE NOTED)
  - SINGLE-POLE DEDICATED RECEPTACLE
  - GFCI DUPLEX RECEPTACLE
  - DEDICATED GFCI DUPLEX RECEPTACLE
  - 240V RECEPTACLE - MOUNTED AT 30" AFF
  - JUNCTION BOX
  - WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
  - STANDARD 120V DUPLEX RECEPTACLE - CEILING MOUNTED
  - SINGLE POLE RECEPTACLE
  - WALL MOUNTED DATA OUTLET
  - QUAD OUTLET

LIGHTING LEGEND

- EMERGENCY LIGHT FIXTURE
- EXIT LIGHT FIXTURE - CEILING MOUNTED
- WALL MOUNTED LED LIGHT
- PENDANT LED LIGHT
- 2X4 - 4 - FLUORESCENT
- 1X2 - FLUORESCENT (RESTROOMS)
- 6" RECESSED LED CAN LIGHT, IC-RATED
- ELECTRIC PANEL BOARD
- CIRCUIT HOME RUN
- LIGHT SWITCH 120V COMMERCIAL GRADE
- LIGHT SWITCH - DIMMER
- JUNCTION BOX
- EXHAUST FAN - SEE MECH
- 3 BLUB LED RESTROOM LIGHT FIXTURE.

EQUIPMENT LIST

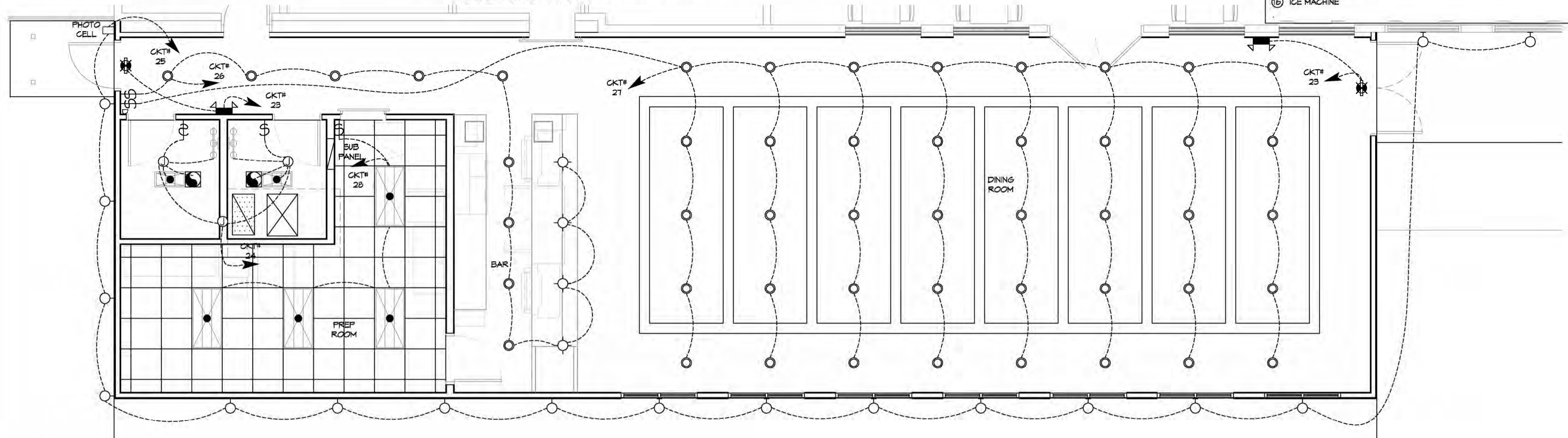
- SINGLE DOOR FREEZER 24"
- DISHWASHER
- MUG CHILLER
- SPEED RAIL/ ICE 30"
- BEER COOLER 60"
- DOUBLE DOOR REACH-IN REFRIGERATOR 54"
- ALTO SHAAM 22-1/2' 208/240V
- PREP TABLES 12' x 54"
- MUG RACK
- UNDER COUNTER TRASH CAN P.O.S.
- AV EQUIPMENT BOX (ON WALL)
- HAND SINK
- WATER HEATER
- UTILITY SINK
- ICE MACHINE

GENERAL POWER NOTES

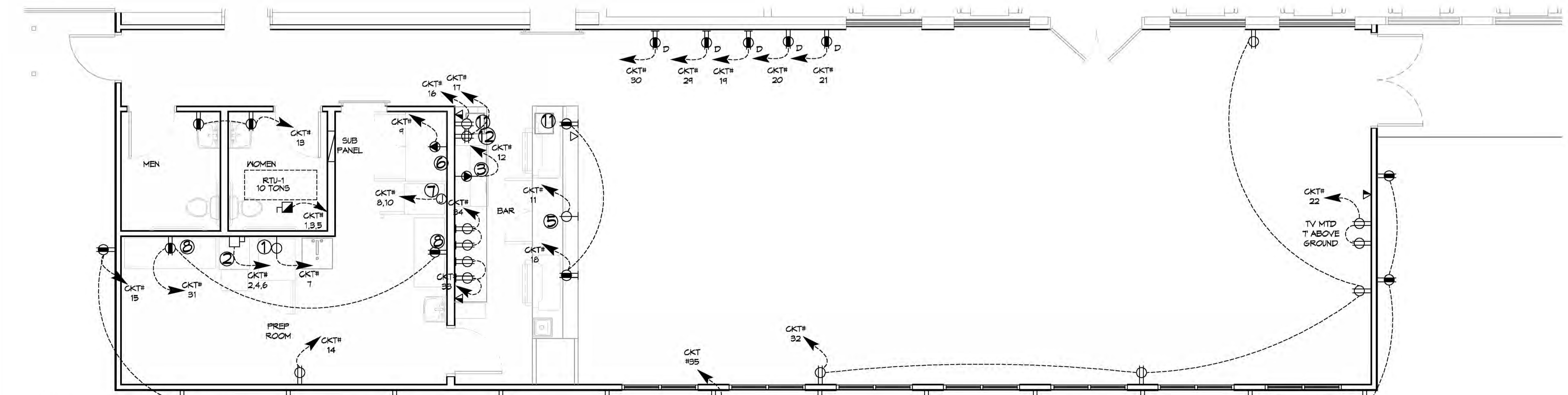
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVG, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS, FOR CONDUITS BELOW GRADE. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION. USE MC IN WOOD CONSTRUCTION. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF. ALL RECEPTACLES IN THE KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 250-23, 250-11 & 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
- FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CALKED. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.

GENERAL LIGHTING NOTES

- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS BETWEEN LIGHTING AND ANY OTHER TRADE DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
- WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUDING ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
- ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
- ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- ALL CONDUCTORS SHALL BE COPPER.
- WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
- EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATINGS 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.
- WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
- WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
- ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
- ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.135.



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



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

**DAMMON ENGINEERING, INC.**  
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Slidell, LA 70688

REVISIONS	DATE	DESCRIPTION

SEAL:

NEW DINING ADDITION  
**SOUTHSIDE CAFE**  
9154 PONTCHARTRAIN DR  
SLIDELL, LA 70458  
JOB NO: 2554 | DATE: 01-28-2014  
DRAWN BY: JAG/VM | CHECKED BY: CJD  
SHEET TITLE: POWER AND LIGHTING PLAN  
DRAWING NUMBER: **E101**  
SHEET No: 15 of 15