

LIFE-SAFETY INFORMATION

APPLICABLE CODES	IFPA 101 LIFE-SAFETY CODE 2015
OCCUPANCY TYPE(S) AND CHAPTER(S)	MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)
BUSINESS (CHAPTER 36)	N/A
OCCUPANT LOAD FACTOR	(REFERENCE TABLE 7.3.1.2)
CLASSIFICATION OF HAZARD OF CONTENTS	1,190 SF / 100 SF PER OCCUPANT = 19 OCCUPANTS
CONSTRUCTION TYPE(S)	(REFERENCE CHAPTERS, TABLE A.2.1.2 AND COMMENTARY TABLE A.1 IN HANDBOOK)
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS	(REFERENCE SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)
1/3 DIAGONAL =	24'-0"
MAXIMUM DEAD-END CORRIDORS	(REFERENCE OCCUPANCY CHAPTER AND TABLE A.7.6)
MAXIMUM COMMON PATH OF TRAVEL DISTANCE	(REFERENCE OCCUPANCY CHAPTER AND TABLE A.7.6)
MAXIMUM TRAVEL DISTANCE TO EXITS	(REFERENCE OCCUPANCY CHAPTER AND TABLE A.7.6)

EXTINGUISHMENT REQUIREMENTS NO SPRINKLER
DETECTION, ALARM, AND COMMUNICATION SYSTEMS NO
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE

BUILDING CODE INFORMATION

APPLICABLE CODES	IBC 2015
BUSINESS GROUP B	(IBC 2012 CHAPTER 19)
OCCUPANT LOAD CALCULATIONS	1,190 SQ FT / 100 SF PER OCCUPANT (6006) = 19 OCCUPANTS
CONSTRUCTION TYPE(S)	(TABLE 504)
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	2 / 1,000
MAXIMUM HEIGHT IN STORIES (SECTION 504.4)	
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	

WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC. 1604 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:
WIND DESIGN DATA:
 DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC. 1601.3 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY
 WIND SPEED V_W (3 SECOND GUST) = 131 MPH (IBC FIG. 1604.3(1))
 NOMINAL DESIGN WIND SPEED V_{WIND} = 102 MPH (V_W X (0.6)^{1/4})
 RISK CATEGORY: CATEGORY I BLDG SURFACE ROUGHNESS = B EXPOSURE = B
 TOPOGRAPHIC FACTOR = 1
 DESIGN WIND PRESSURE (ASCE 7-10 TABLE 26.6-1): 37.1 PSF
 INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1): ± 0.18
 LIVE LOADS (IBC SEC. 1607): 100 PSF
 OFFICE LOBBIES & CORRIDORS 1ST FLOOR (IBC TABLE 1607.1): 50 PSF
 OFFICES (IBC TABLE 1607.1): 20 PSF UNIFORM, 300 LB CONCENTRATED
 ROOF LIVE LOADS (IBC TABLE 1607.1): 5 PSF
 SNOW LOADS (IBC SEC. 1608.2): 5 PSF

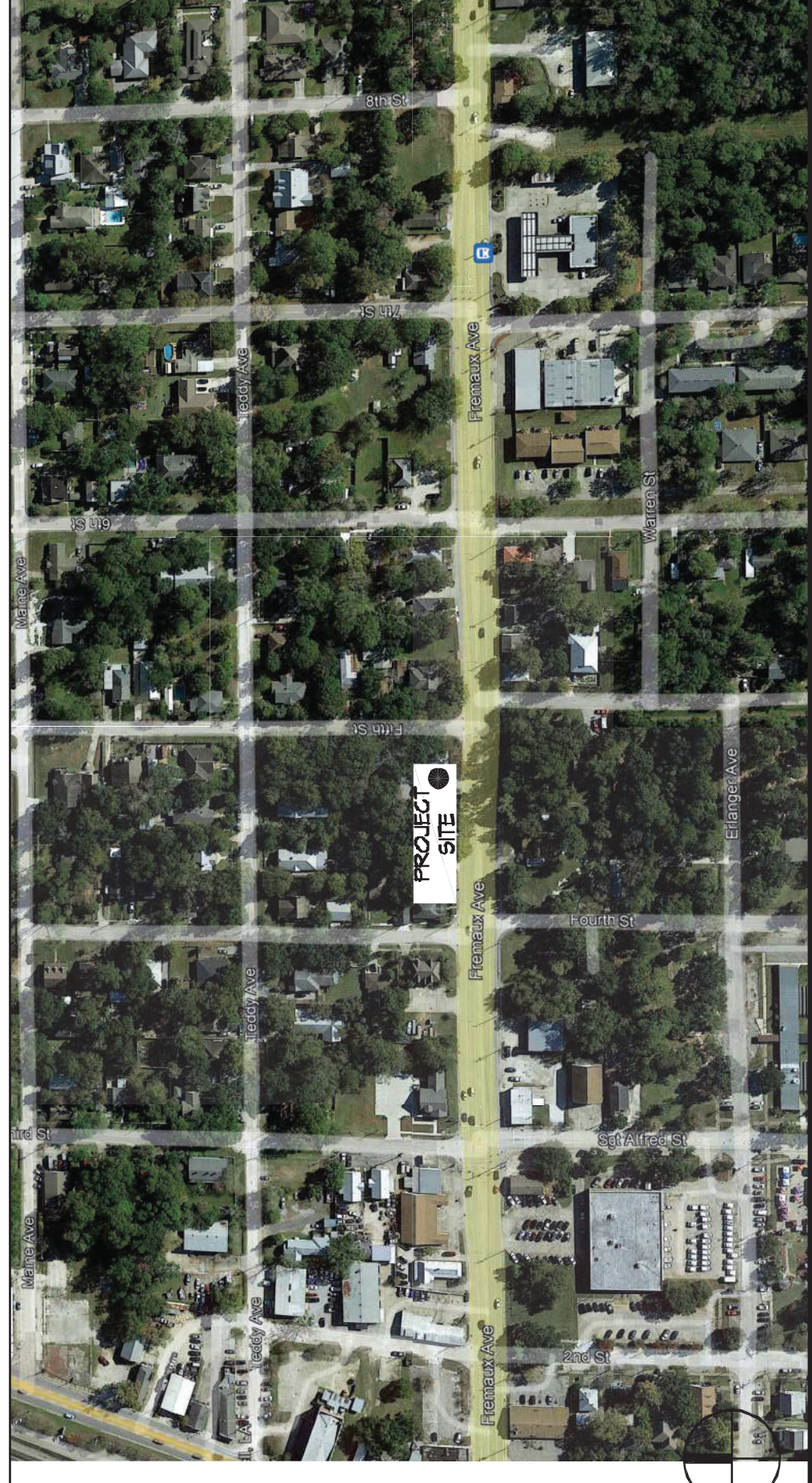
FLOOD ZONE INFORMATION

THIS PROPERTY IS IN FLOOD "AE"
 FIRM: COMMUNITY NO. 22105C0498 F 0404 4-30-2008
 FLOOD ZONE: AE BASE FLOOD ELEVATION: 11

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
➤	EXITS
Ⓢ	DOOR FIRE RATINGS (MINUTES)
Ⓢ	DOOR WIDTH/BUSINESS CAPACITY
Ⓢ	EXIT LIGHT
Ⓢ	FIRE EXTINGUISHER W/ WALL MTD BRACKET
.....	COMMON PATH OF TRAVEL
.....	TRAVEL DISTANCE
●	DECISION POINT

VICINITY MAP

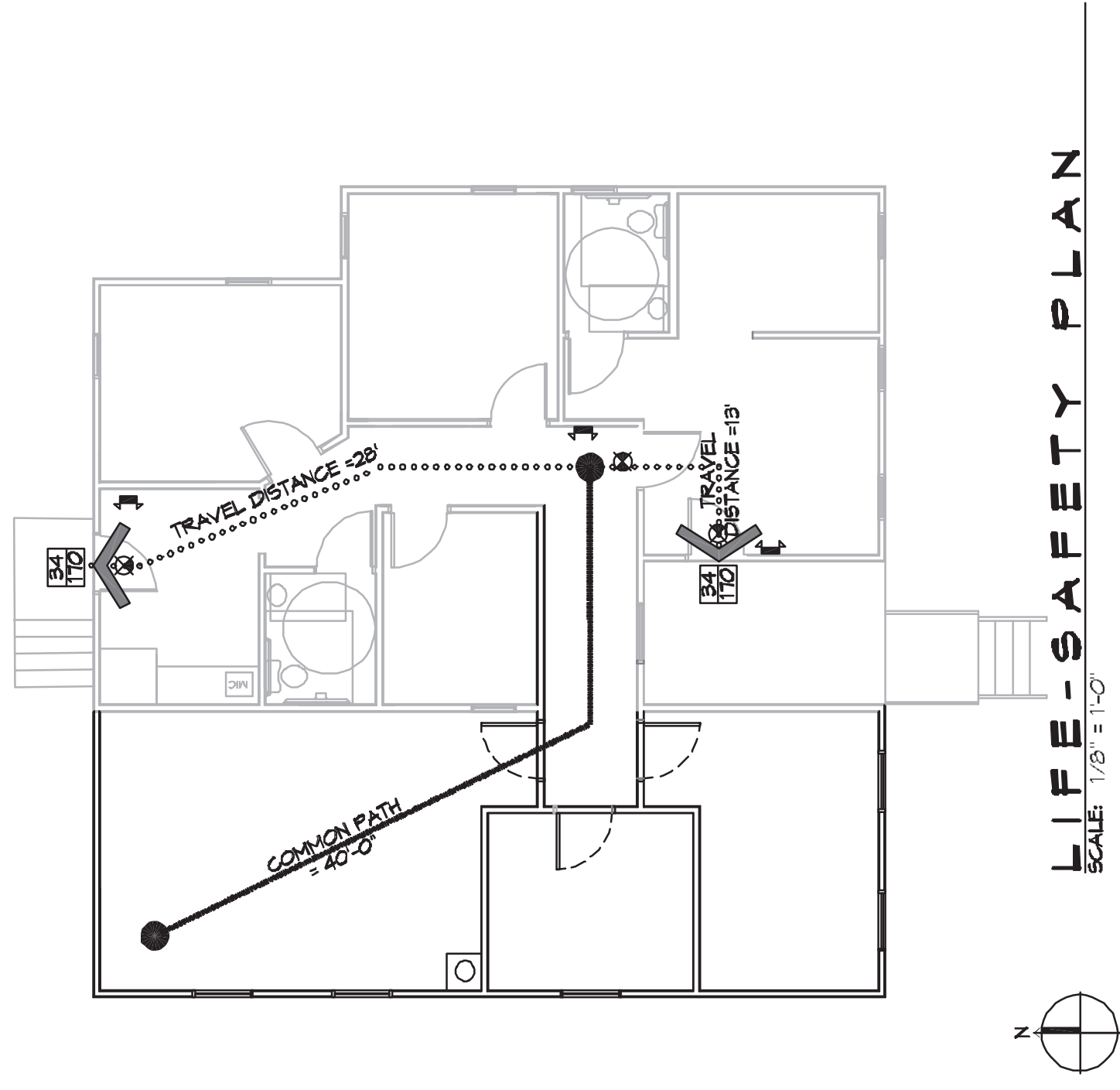


SHEET INDEX

SHEET #	SHEET TITLE
G 101	GENERAL INFORMATION SHEET
C 101	SITE PLAN
S 100	FOUNDATION PLAN
A 101	FLOOR PLAN
A 102	ROOF PLAN & SECTION
A 103	ELEVATIONS
A 104	TYPICAL CONNECTION DETAILS
M 101	MECHANICAL FLOOR PLAN, SCHEDULES & DETAILS
E 101	POWER AND LIGHTING PLAN

GENERAL NOTES

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



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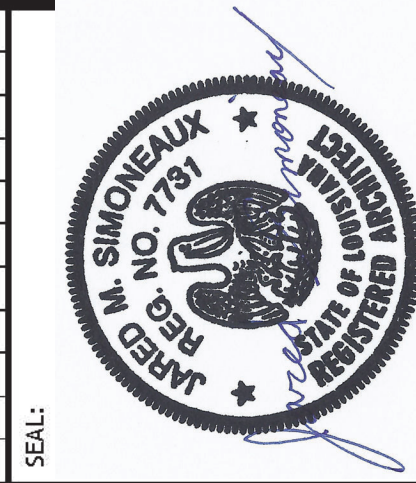
JOB #: 11-0-21
DATE: 11-0-21
CHECKED BY: [Signature]
DRAWN BY: [Signature]
PROJECT: 442 FREEMAN AVE
 SLIDELL, LA 70458

SHEET TITLE: GENERAL INFORMATION SHEET

DRAWING NUMBER: G101

SHEET NO.: 1 of 4

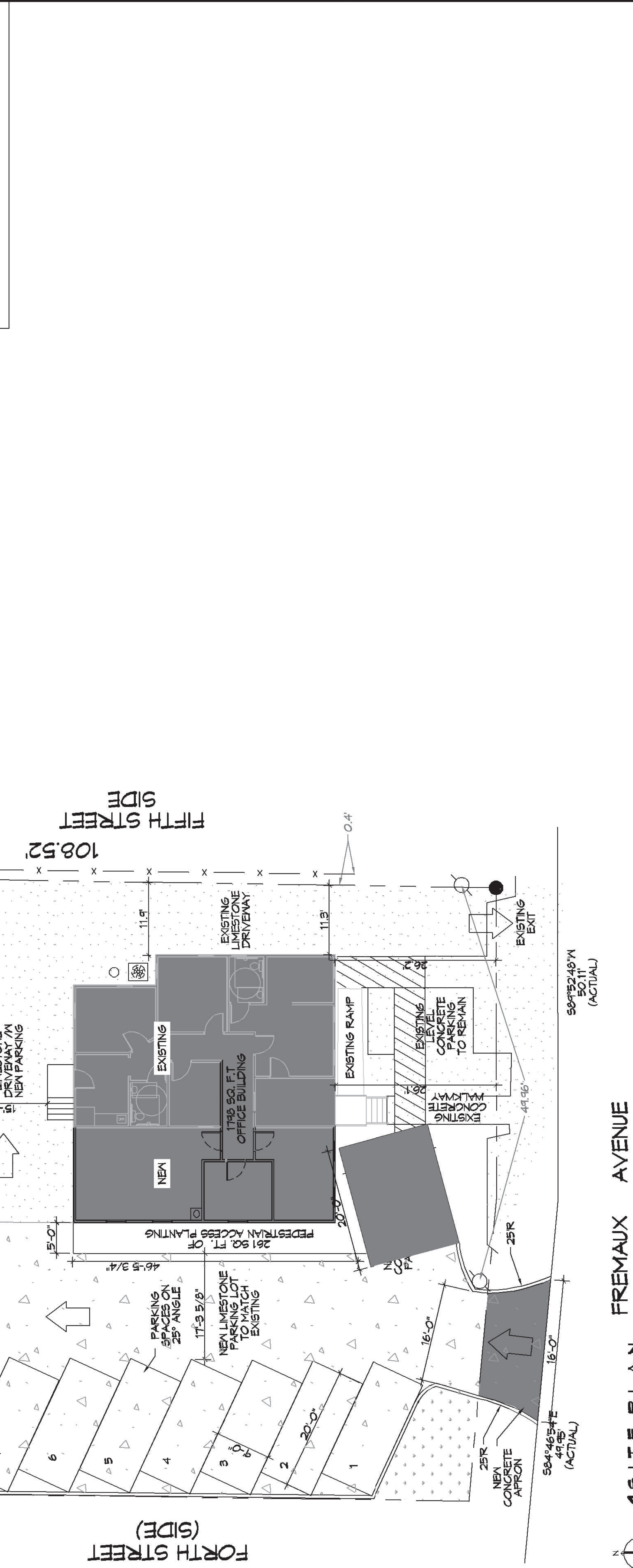
NO.	DATE	DESCRIPTION



DATE: 11-19-21
 CHECKED BY: CJD
 DRAWN BY: JMB
 JOB NO: 442
 442 FREMAUX AVE
 SLIDELL, LA 70488

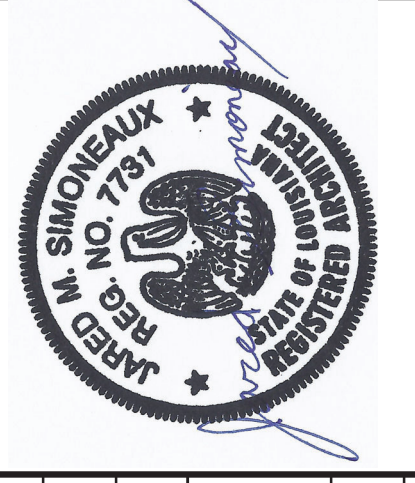
PLANNING
 ZONED: C-3 COMMERCIAL DISTRICT
 ZONE "AE"
FLOOD ZONE
BUILDING ELEVATION
 BASE FLOOD ELEVATION "AE" = 11.0'
 FINISHED FLOOR ELEVATION = 9.0'
PARKING
 BUSINESS AND PROFESSIONAL OFFICES
 1 SPACE FOR EACH 200 SQUARE FEET OF GROSS FLOOR AREA.
 FINB: 7, 200 - 4
 PARKING REQUIRED = 4
 ACTUAL PROVIDED = 12

SITE LIGHTING
 EXTERIOR LIGHTING SHALL BE SHADDED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE BE CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.



1 SITE PLAN
 SCALE: 1" = 10'-0"
 NORTH ARROW
 58'-4"± 48.5'± FE
 49'-5"± (ACTUAL)
 50'-11"± (ACTUAL)
 58'-9"± 52.40'± M
 50'-11"± (ACTUAL)

#	DESCRIPTION	DATE



JOB NO: 11-18-21
 CHECKED BY: CKD
 DATE: 11-18-21
 442 FRENCH AVE
 SIBLEY, LA 70458

SHEET TITLE:
FLOOR PLAN

DRAWING NUMBER:

A101

4 of 9
SHEET NO.

GENERAL NOTES

- INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF BC 2012 SECTION 711.
 - CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450, EXCEPT THAT IN CONCEALED (WOOD FRAMED) CONSTRUCTION.
 - FACING SHALL COMPLY WITH BC 2012.
- ALL MATERIALS SHALL BE NEW AND UL LISTED.
- NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
- CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
- CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
- CONTRACTOR SHALL FURNISH WATER AND POWER FROM EXISTING SOURCES.
- EXTERIOR CAULKING SHALL BE THIKOML CAULK.
- PAINT SHALL BE SHERWIN WILLIAMS OR EQUIVALENT AND APPROPRIATE FOR THE SUBSTRATE TO WHICH IT IS APPLIED AS RECOMMENDED BY PAINT MANUFACTURER. ALL WORK TO RECEIVE THREE COATS (ONE PRIMER AND TWO FINISH COATS) UNLESS OTHERWISE SPECIFIED BY PAINT MANUFACTURER. COLORS TO BE SELECTED BY OWNER.
- PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH SHALL BE STORED INSIDE BUILDING PREMISES.
- ALL BATT INSULATION SHALL HAVE A CLASS "X" (0-25) FLAME SPREAD IN COMPLIANCE WITH BC 2012.
- USE 2X6 STUDS OR TWO 2X4 STUDS SPACED STUDS WITH 2X6 SILL PLATE AT ALL WALLS WHERE A PIPE IS INDICATED. SEE PLUMBING RISER DIAGRAM FOR PIPE SIZE.
- PROVIDE GALVANIZED METAL PAN WITH DRAIN AT ALL WATER HEATERS FOR SLIP RESISTANCE.
- ALL FLOORING SHALL MEET OR EXCEED ADA GUIDELINES REQUIREMENTS FOR SLIP RESISTANCE.
- INTERIOR LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
- INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPMENT RATING OF 0-450.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PERFORMED.
- PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 101. SEE APPENDIX 'E' OF NFPA 101 FOR DISTRIBUTION OF EXTINGUISHERS.
- ALL FIRE WALLS SHALL EXTEND TIGHT TO ROOF DECK AND BE SEALED WITH AN APPROVED FIRE CAULK.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS SHALL BE FIRE CALLED. (PENETRATIONS THROUGH RATED FIRE WALLS SHALL BE FIRE CALLED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS TO PREVENT THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM E814.)
- SERVICE COUNTERS SHALL HAVE AN ACCESSIBLE WRITING SURFACE IN COMPLIANCE WITH ADA/ANSI ACCESSIBILITY GUIDELINES 2010, SECTION 902.3.

DOOR SCHEDULE

NK	WIDTH	HEIGHT	THK	DOOR MAT	FRAME MAT	NOTES
DO1	3'-0"	6'-8"	1-3/4"	WOOD	WOOD	NEW INTERIOR DOOR

WINDOW SCHEDULE

NK	WIDTH	HEIGHT	FRAME MAT	ALUM	NOTES
NO1	3'-0"	5'-0"	ALUM	ALUM	NEW WINDOW

NOTE:
DOORS IN A REQUIRED MEANS OF EGRESS SERVING ANY ASSEMBLY AREA HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL NOT BE EQUIPPED WITH A LATCH OR LOCK OTHER THAN PANIC HARDWARE OR FIRE EXIT HARDWARE.



3 FLOOR PLAN
 SCALE: 3/8" = 1'-0"

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

HEADERS SUPPORTING	DROPPED HEADER		RAISED HEADER	
	BUILDING WIDTH (FT)		BUILDING WIDTH (FT)	
	12	24	12	24
ONE FLOOR ONLY (SINGLE CENTER BEARING WALL)	MAXIMUM HEADER SPAN		MAXIMUM HEADER SPAN	
	(2) 2x4	4'-0"	3'-10"	2'-4"
	(2) 2x6	5'-11"	4'-3"	4'-4"
	(2) 2x6	7'-11"	5'-2"	5'-3"
	(2) 2x10	8'-6"	6'-7"	6'-3"
	(3) 2x10	9'-3"	7'-1"	6'-10"
	(3) 2x12	9'-11"	7'-8"	6'-7"
	(4) 2x10	10'-3"	7'-11"	6'-3"
	(4) 2x12	11'-0"	8'-7"	6'-0"
	120 MPH		140 MPH	
	130 MPH		160 MPH	
	150 MPH		180 MPH	

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	4'-8"	4'-4"	4'-1"	3'-10"	3'-10"	3'-1"	3'-5"	3'-2"
(2) 2x6	6'-3"	5'-4"	5'-0"	4'-3"	4'-3"	4'-3"	4'-2"	4'-0"
(2) 2x6	6'-10"	6'-4"	5'-11"	5'-6"	5'-2"	4'-10"	4'-7"	4'-3"
(2) 2x10	7'-4"	6'-10"	5'-11"	5'-6"	5'-2"	4'-11"	4'-6"	4'-0"
(3) 2x10	8'-5"	7'-2"	6'-4"	6'-3"	5'-11"	5'-7"	5'-3"	5'-2"
(3) 2x10	9'-0"	8'-4"	7'-3"	6'-4"	6'-4"	6'-0"	5'-7"	5'-1"
(3) 2x12	9'-7"	8'-11"	7'-8"	6'-11"	6'-10"	6'-3"	6'-11"	6'-0"
(4) 2x10	10'-5"	9'-0"	8'-4"	7'-3"	7'-3"	6'-10"	6'-6"	6'-0"
(4) 2x12	11'-7"	11'-1"	10'-3"	9'-6"	8'-11"	8'-4"	7'-10"	6'-5"

TABLE S102.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 130 MPH WIND EXP "C"

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING		INTERIOR ZONES	
	8' END ZONES	30 INCHES ON CENTER	30 INCHES ON CENTER	30 INCHES ON CENTER
1 - 3 STORES	1'-0"	1'-0"	1'-0"	1'-0"
4 STORES	1'-0"	1'-0"	1'-0"	1'-0"
5 STORES	1'-0"	1'-0"	1'-0"	1'-0"
6 STORES	1'-0"	1'-0"	1'-0"	1'-0"
7 STORES	1'-0"	1'-0"	1'-0"	1'-0"
8 STORES	1'-0"	1'-0"	1'-0"	1'-0"
9 STORES	1'-0"	1'-0"	1'-0"	1'-0"
10 STORES	1'-0"	1'-0"	1'-0"	1'-0"
11 STORES	1'-0"	1'-0"	1'-0"	1'-0"
12 STORES	1'-0"	1'-0"	1'-0"	1'-0"
13 STORES	1'-0"	1'-0"	1'-0"	1'-0"
14 STORES	1'-0"	1'-0"	1'-0"	1'-0"
15 STORES	1'-0"	1'-0"	1'-0"	1'-0"
16 STORES	1'-0"	1'-0"	1'-0"	1'-0"

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		INTERIOR ZONES	
	8' END ZONES	30 INCHES ON CENTER	30 INCHES ON CENTER	30 INCHES ON CENTER
1 - 3 STORES	1'-0"	1'-0"	1'-0"	1'-0"
4 STORES	1'-0"	1'-0"	1'-0"	1'-0"
5 STORES	1'-0"	1'-0"	1'-0"	1'-0"
6 STORES	1'-0"	1'-0"	1'-0"	1'-0"
7 STORES	1'-0"	1'-0"	1'-0"	1'-0"
8 STORES	1'-0"	1'-0"	1'-0"	1'-0"
9 STORES	1'-0"	1'-0"	1'-0"	1'-0"
10 STORES	1'-0"	1'-0"	1'-0"	1'-0"
11 STORES	1'-0"	1'-0"	1'-0"	1'-0"
12 STORES	1'-0"	1'-0"	1'-0"	1'-0"
13 STORES	1'-0"	1'-0"	1'-0"	1'-0"
14 STORES	1'-0"	1'-0"	1'-0"	1'-0"
15 STORES	1'-0"	1'-0"	1'-0"	1'-0"
16 STORES	1'-0"	1'-0"	1'-0"	1'-0"

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

HEADER SPAN (FEET)	NUMBER OF FULL HEIGHT STUD REQUIRED AT EACH END OF THE HEADER	
	12' O.C.	16' O.C.
2	1	1
4	2	2
6	3	3
8	4	4
10	5	5
12	6	6
14	7	7
16	8	8

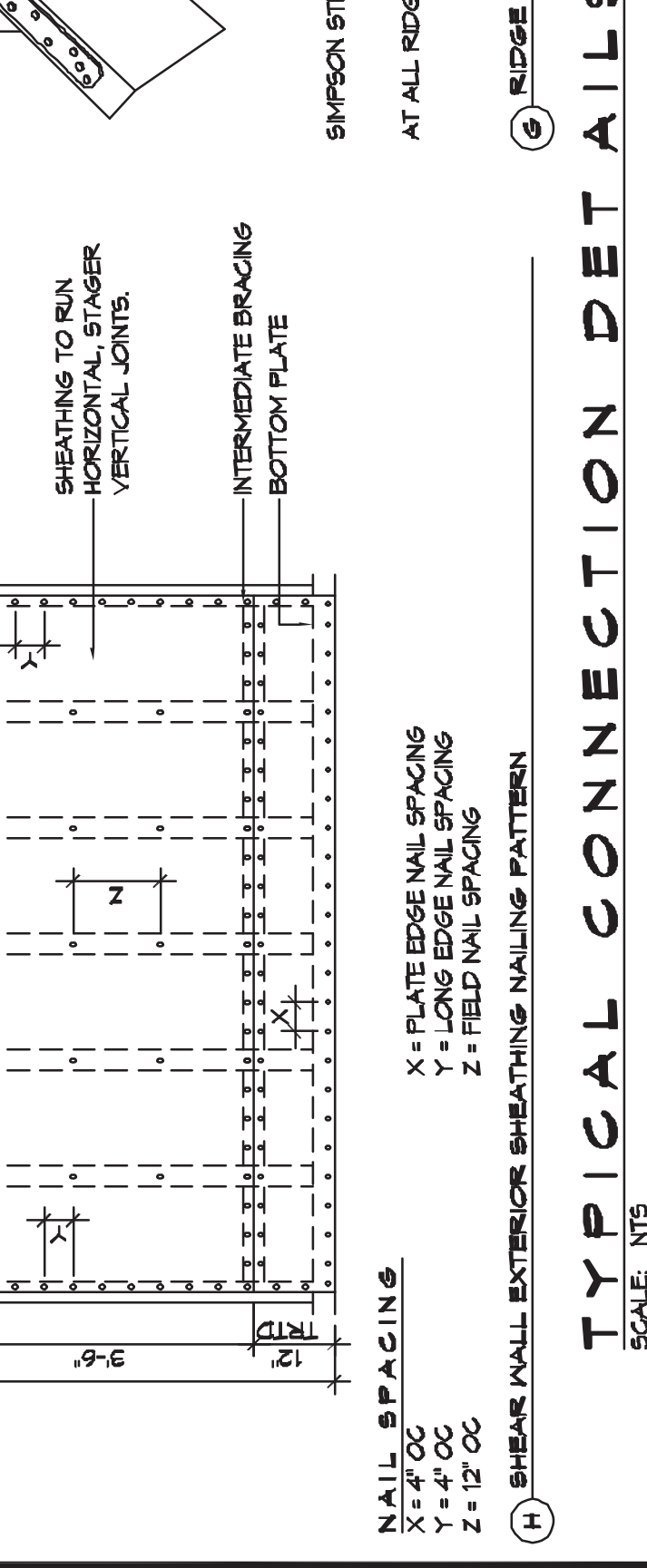


TABLE S102.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	ROOF SPAN (FEET)									
	12 FEET		24 FEET		36 FEET		48 FEET		60 FEET	
	3'	4.5'	5'	6'	6.5'	7'	7.5'	8'	8.5'	9'
ONE FLOOR ONLY (CENTER BEARING)	NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER		NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER		NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER		NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER		NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER	
	2	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	1
	8	1	1	1	1	1	1	1	1	1
	10	1	1	1	1	1	1	1	1	1
	12	1	1	1	1	1	1	1	1	1
	14	2	1	1	1	1	1	1	1	1
	16	2	1	1	1	1	1	1	1	1
	18	2	1	1	1	1	1	1	1	1
	20	2	1	1	1	1	1	1	1	1
	22	2	1	1	1	1	1	1	1	1

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

HEADER SUPPORTING	ROOF LIVE LOAD 20 PSF						GROUND SNOW LOAD 30 PSF					
	3'	4.5'	5'	6'	6.5'	7'	3'	4.5'	5'	6'	6.5'	7'
ROOF AND CEILING	NUMBER OF JACK STUDS REQUIRED						NUMBER OF JACK STUDS REQUIRED					
	2	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	1	2	1	1	1	1	1
	8	2	2	2	2	2	2	2	2	2	2	2
	10	3	2	2	2	2	3	2	2	2	2	2
	12	3	2	2	2	2	3	2	2	2	2	2
	14	4	3	2	2	2	4	3	2	2	2	2
	16	4	3	3	2	2	4	3	2	2	2	2
	18	4	3	3	2	2	4	3	2	2	2	2
	20	4	3	3	2	2	4	3	2	2	2	2
	22	4	3	3	2	2	4	3	2	2	2	2

TABLE S102.4 - BUILDING ENVELOPE REQUIREMENTS

OPaque ELEMENTS	ASSEMBLY MINIMUM R-VALUE	INSULATION R-VALUE	ROOFS	WALLS ABOVE GRADE	FLOORS	SLAB-ON-GRADE	OPaque DOORS	OPaque WINDOWS	NON-SWINGING DOORS	NON-SWINGING WINDOWS	GLASS CURTAIN WALLS	GLASS SKYLIGHTS	GLASS PARTITIONS	GLASS ENCLOSURES	GLASS ELEVATORS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS CANOPIES	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS SIGNAGE	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS 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PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS PARTITIONS	GLASS STAIRWAYS	GLASS BALCONIES	GLASS PORCHES	GLASS TERRACES	GLASS PATIOS	GLASS PERGOLAS	GLASS AWNINGS	GLASS BALUSTRADES	GLASS RAILINGS	GLASS FENCES	GLASS BARRIERS	GLASS 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GENERAL HVAC NOTES

1. CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROGLASS GLASS DUCT WRAP PER ASHRAE 15 FOR EXHAUST, MIN R-6. EXHAUST DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROGLASS GLASS DUCT WRAP PER ASHRAE 15 FOR EXHAUST, MIN R-6. EXHAUST DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROGLASS GLASS DUCT WRAP PER ASHRAE 15 FOR EXHAUST, MIN R-6.
2. EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROGLASS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
3. ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS. DUCT SIZES SHOWN ARE CLEAR, INSIDE DIMENSIONS.
4. IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 18,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
5. 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.
6. 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.
7. CONDENSATE DRAINS TO BE P-V-C PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
8. ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
9. 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 SWITCHES). PROVIDE BACK-DRAWT DAMPER. PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
10. ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
11. LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS. REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
12. FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
13. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALLED. (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).
14. ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OTHER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
15. FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0". SUPPORT FLEX DUCT TO PREVENT SAGGING.
16. FLEXIBLE DUCTWORK SHALL BE PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND ORIENTATIONS AS REQUIRED.
17. FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER, LOCAL CODE.
18. PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AGENCIES. PLACE NEAR R/A AND SVA OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
19. FRESH AIR INTAKES ARE REQUIRED TO HAVE NOTICED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
20. COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OTHER FINISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
21. SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
22. PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.

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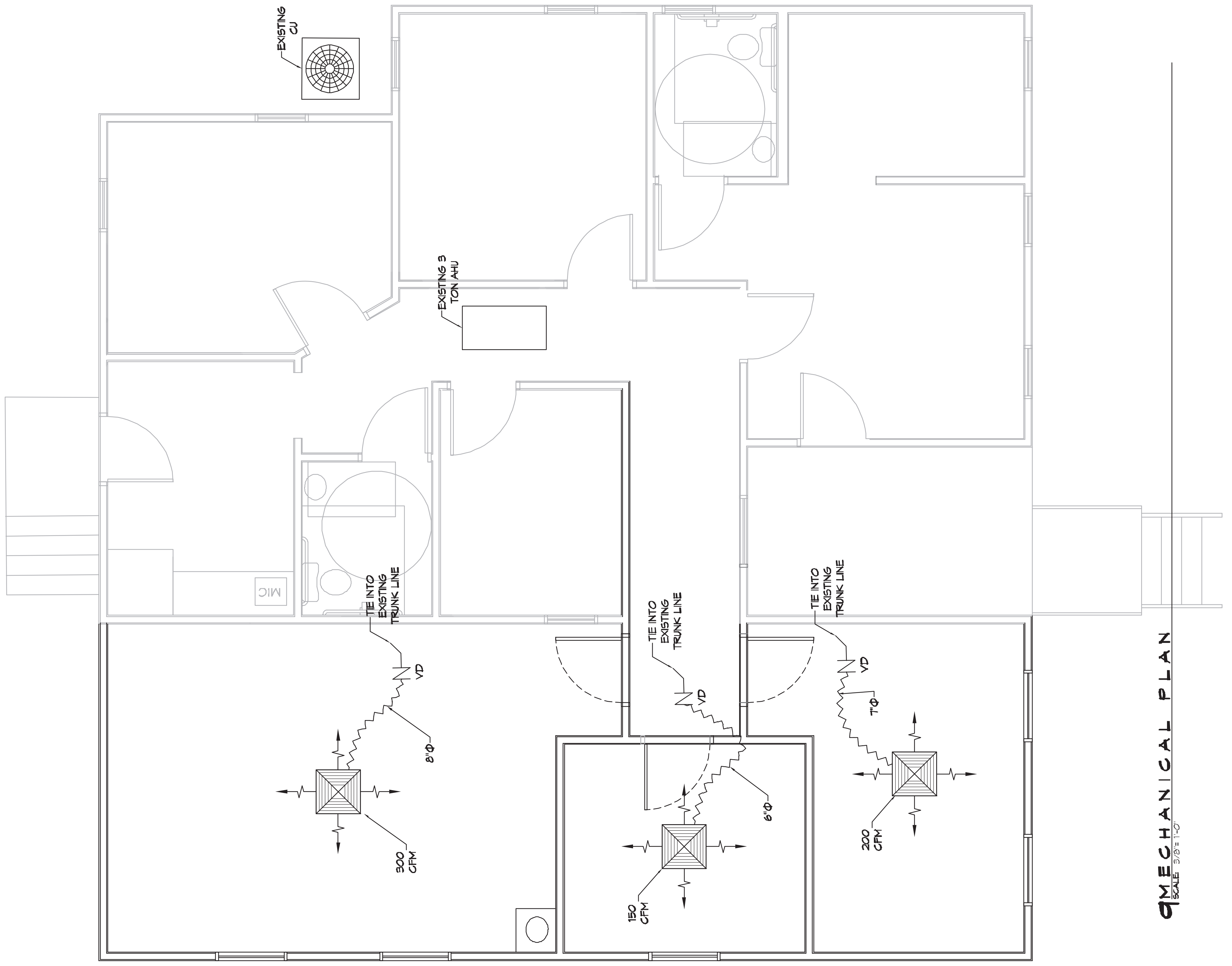
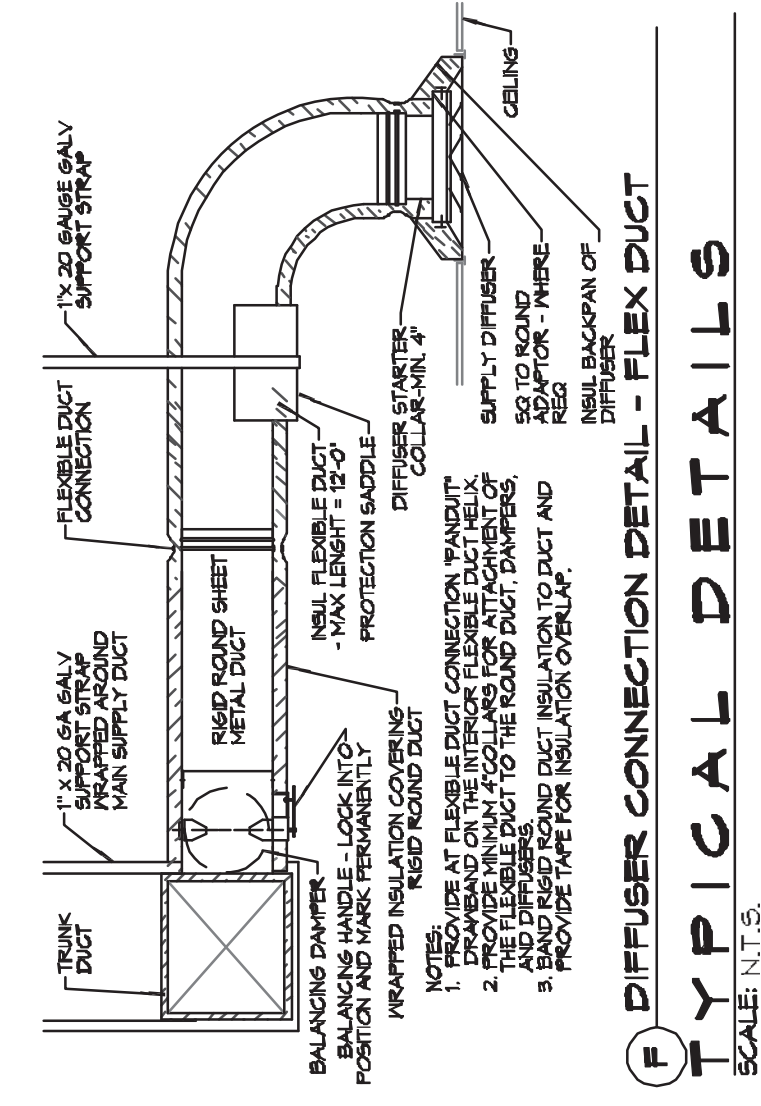
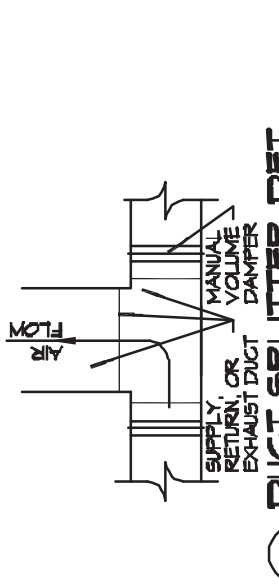
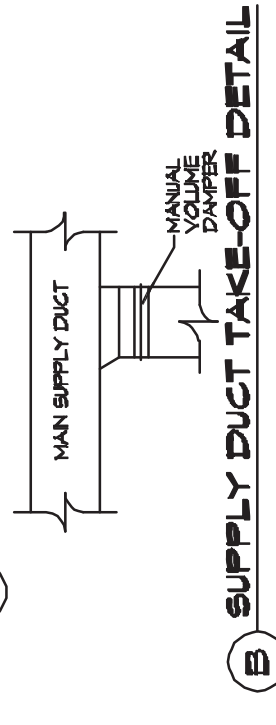
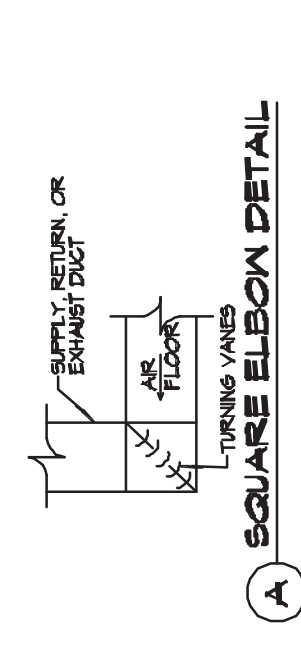
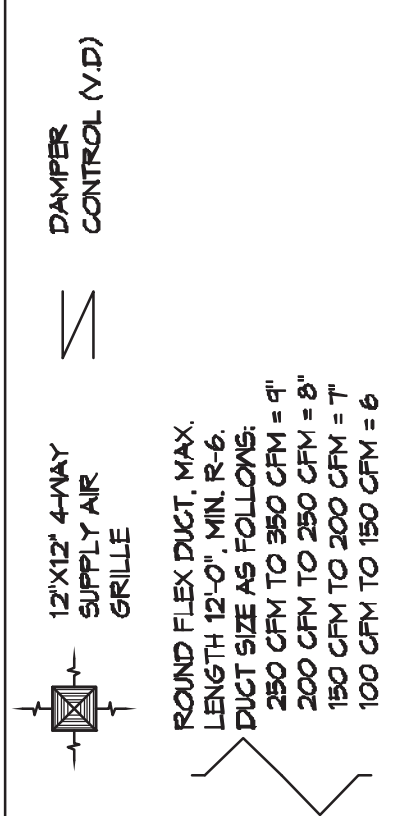
#	DESCRIPTION	DATE



JOB No: 442 FREEMAN AVE
 SLIDELL, LA 70458
 CHECKED BY: CJD
 DATE: 11-19-21
 SHEET TITLE: MECHANICAL PLAN
 SHEET No: 11-01
 11-02
 11-03
 11-04
 11-05
 11-06
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DRAWING NUMBER: M101
 SHEET No: 6 of 6

MECHANICAL LEGEND



MECHANICAL PLAN
 SCALE: 3/8" = 1'-0"

GENERAL LIGHTING NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT IS RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
3. 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.
4. 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.
5. ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
6. 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.
7. ALL CONDUCTORS SHALL BE COPPER.
8. WIRE CONDUCTOR SIZES ARE NOTED ON DRAWINGS. THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
9. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
10. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE MOUNTED ON A COMMON BACKBOX OR COMMON OVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACERPLATE. 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-GANGED SHALL BE AS EVEN AS POSSIBLE.
11. EACH DIMMER SWITCH SHALL HAVE A MATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE SWITCH. DIMMER SWITCHES SHALL BE LUTRON NOVA T-STAR, FLUORESCENT AND NOVA T-STAR. DIMMER 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.
12. ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
13. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.756.

GENERAL NOTES

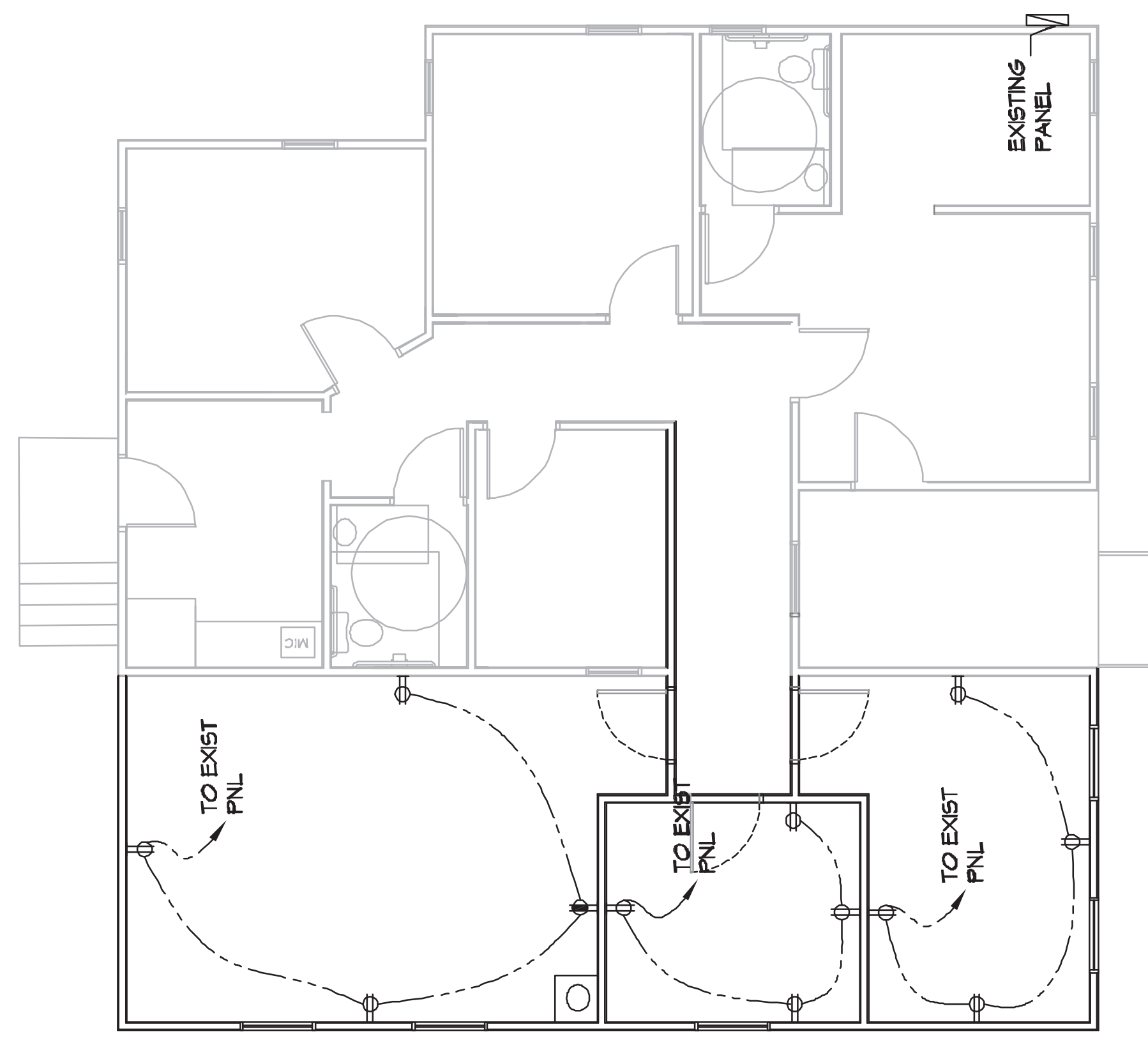
1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER APPLICABLE CODES. THE GOVERNING JURISDICTION CERTAIN CERTIFICATIONS OR INSPECTION REPORTS SHALL BE OBTAINED FOR ALL MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE LISTED.
3. 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.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED WORK. FINISH BELLS, JOISTS AND PARTITIONS SHALL BE AS SHOWN AND THE ARCHITECTURAL DRAWINGS SHALL BE FOLLOWED. ANY CHANGES AND ALTERATIONS SHALL BE MADE BY THE ARCHITECT. 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.
9. 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 PERFORMED IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
10. MINIMUM CONDUCTOR SIZE SHALL BE #10, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE 3/4" SCHEDULE 40 RVC FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 RVC FOR EXTERIOR USE BELOW GRADE. ENRISED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS AND 36" IN VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. USE IMC IN WOOD CONSTRUCTION. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE CEILING. WIREWAYS SHALL BE USED IN ALL AREAS WHERE PROPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
11. CONTRACTOR SHALL INSTALL WIRING, CIRCUIT BREAKERS AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
12. 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.
13. 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.
14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-69, NFPA 70:250-29, 250-11 & 250-12.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-226.
16. FUSES SHALL BE ITT CLASS KS, 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.
17. EXTERIOR LIGHTING SHALL BE SHARED 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 ABUTTING PROPERTY LINE.
18. ALL ELECTRICAL, MECHANICAL AND PLUMBING 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 E-814).
19. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
20. ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL PROVIDE AN EFFECTIVE GROUND-Fault CURRENT PATH BY INSTALLATION IN A METAL RIGIDWAY SYSTEM OR A MEDICAL GRADE MC CABLE (NEC ART. 517.15(A) & (B)).

LIGHTING LEGEND

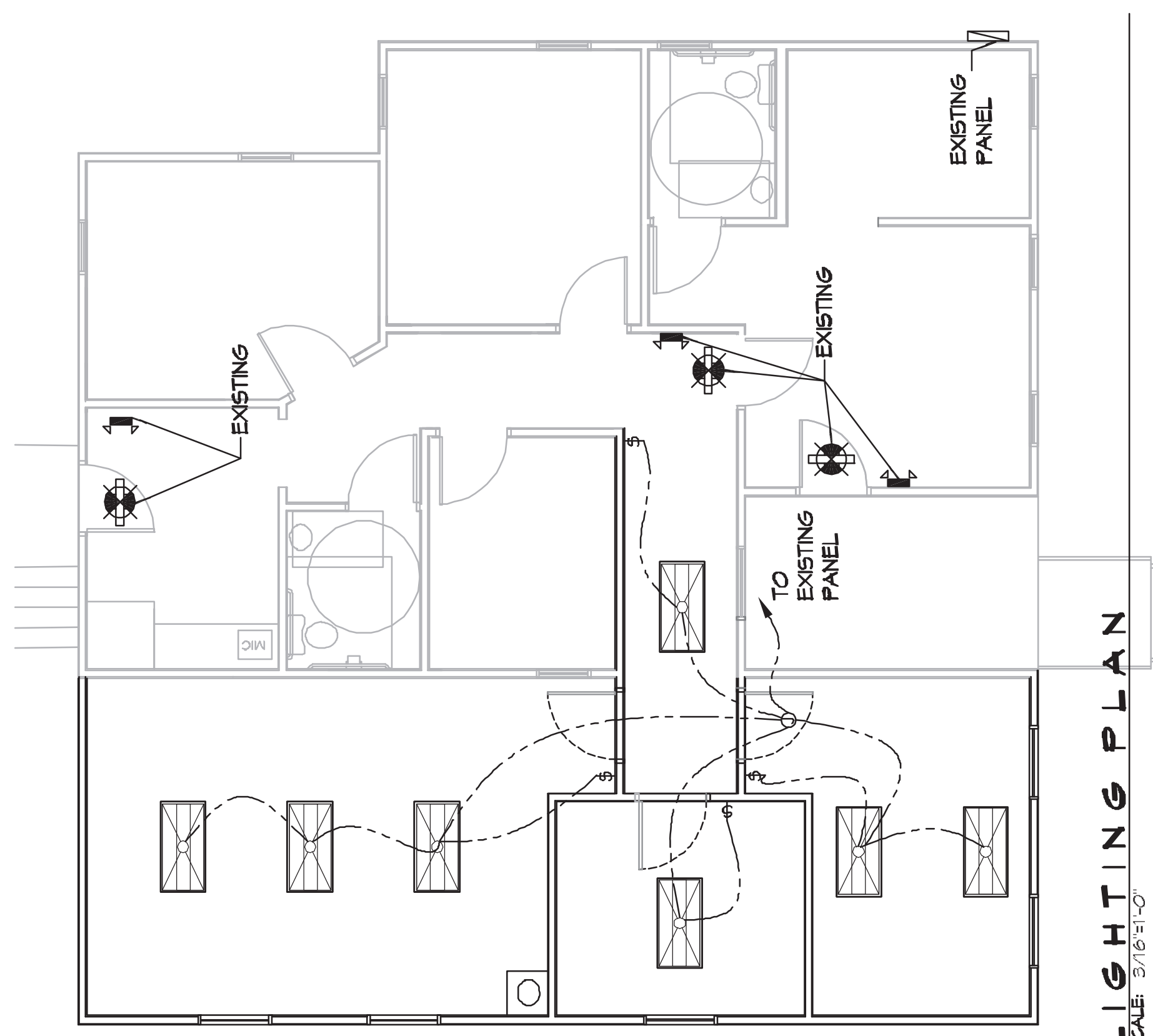
- JUNCTION BOX
- 2x4 - 9 BULBS (75 30 WATT 5000K) PRISMATIC, RECESSED, FLUORESCENT LIGHT

POWER LEGEND

- ⊕ STANDBY 150V 20A RECEPTACLE, 18" AFF (UNLESS OTHERWISE NOTED)
- ⊕ SINGLE POLE SWITCH



10 POWER PLAN
 SCALE: 3/16"=1'-0"



11 LIGHTING PLAN
 SCALE: 3/16"=1'-0"