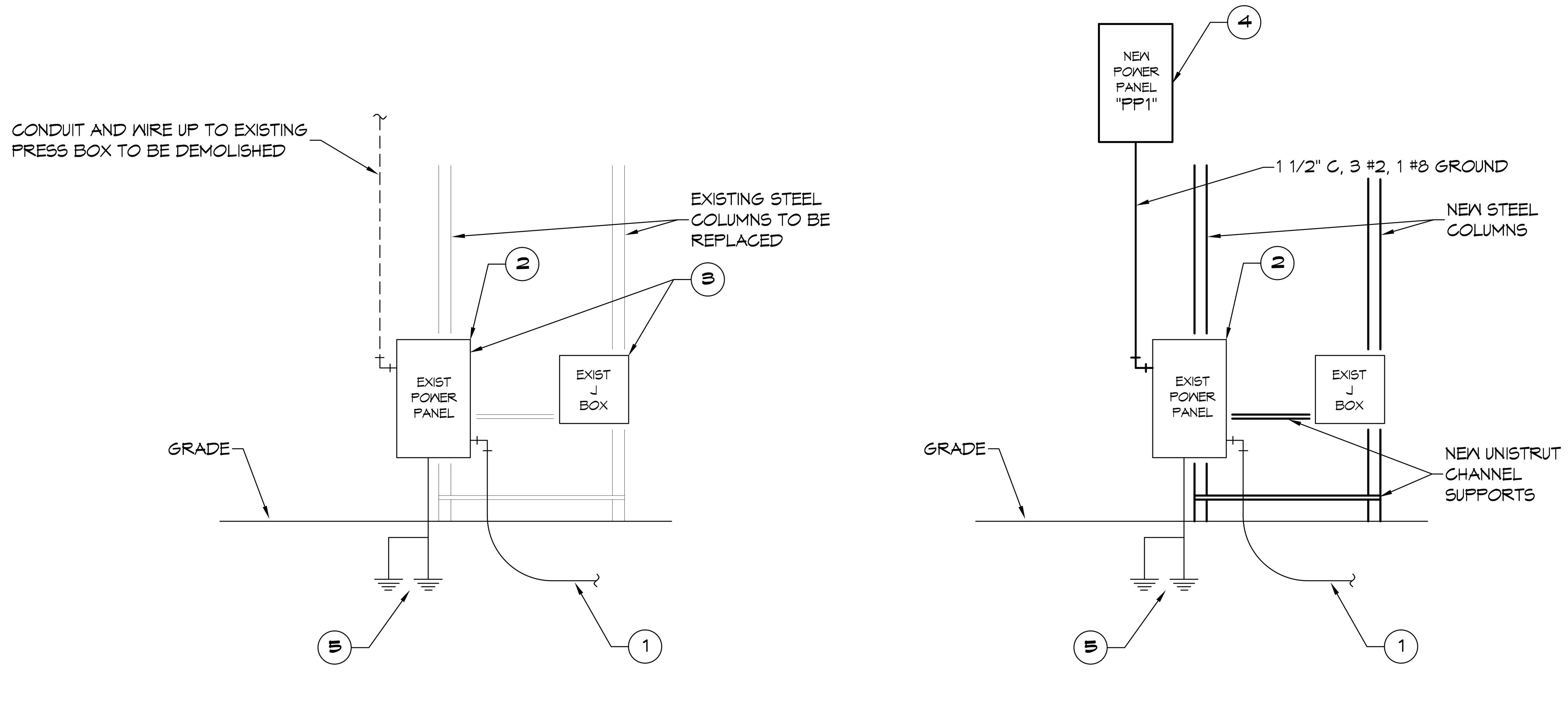

EXISTING ARRANGEMENT

NEW ARRANGEMENT

RISER DIAGRAM

SCALE: NTS

ONE LINE NOTES:

1. EXISTING UNDERGROUND FEEDER
2. EXISTING 240/120V, 125A, 1φ, 3 WIRE PANEL TO REMAIN. DISCONNECT AND REMOVE ALL WIRING TO EXISTING PRESS BOX. INSTALL NEW 100A, 2 POLE CIRCUIT BREAKER IN SPACE #12/14.
3. PROVIDE TEMPORARY SUPPORT FOR PANEL AND JUNCTION BOX DURING CONSTUCTION.
4. NEW 240/120V, 100A, 1φ, 3 WIRE PANEL WITH MAIN BREAKER IN PRESS BOX.
5. EXISTING GROUND RODS AND GROUND WIRE IN PVC PIPE. CONNECT TO METAL BLDG, COLD WATER SUPPLY & GAS LINE. CAD WELD ALL CONNECTIONS.

PANEL SCHEDULE

PANEL: PP1
LOCATION: PRESS BOX
FEEDER SOURCE: EXISTING PANEL

VOLTAGE: 240/120, 1Φ, 3 WIRE, WITH 100A MAIN BREAKER
ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ	BΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	12	RECEPTACLE, ROOM 1	20	1	180			180	1	20	RECEPTACLE, ROOM 2	12	2
3	12	RECEPTACLE, ROOM 1	20	1	180			180	1	20	RECEPTACLE, ROOM 2	12	4
5	12	RECEPTACLE, ROOM 1	20	1	180			180	1	20	RECEPTACLE, ROOM 2	12	6
7	12	RECEPTACLE, ROOM 3	20	1	180			180	1	20	RECEPTACLE, ROOM 4	12	8
9	12	RECEPTACLE, ROOM 3	20	1	180			180	1	20	RECEPTACLE, ROOM 4	12	10
11	12	RECEPTACLE, ROOM 3	20	1	180			180	1	20	RECEPTACLE, ROOM 4	12	12
13	12	LIGHTING	20	1	300				1	20	SPARE	12	14
15	12	RECEPTACLES, REAR WALL	20	1	720				1	20	SPARE	12	16
17	10	A/C ROOM 1	30	2	1750			1750	2	30	A/C ROOM 2	10	18
19					1750			1750					20
21	10	A/C ROOM 3	30	2	1750			1750	2	30	A/C ROOM 4	10	22
23					1750			1750					24

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 17,180

Aφ = 8,380 VA | Aφ = 8,800

GROUND BUS
GROUND WIRE (G)

J:\DAMMON\Dammon Logo\Dammon Logo_Louisiana & Mississippi-3.JPG

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#	DESCRIPTION	DATE

REVISIONS

SEAL:

NEW OFFICE BUILDING
X
address

JOB No: 2431 DATE: X
DRAWN BY: DD/JTL CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES, SECOND FLOOR

DRAWING NUMBER:

E111