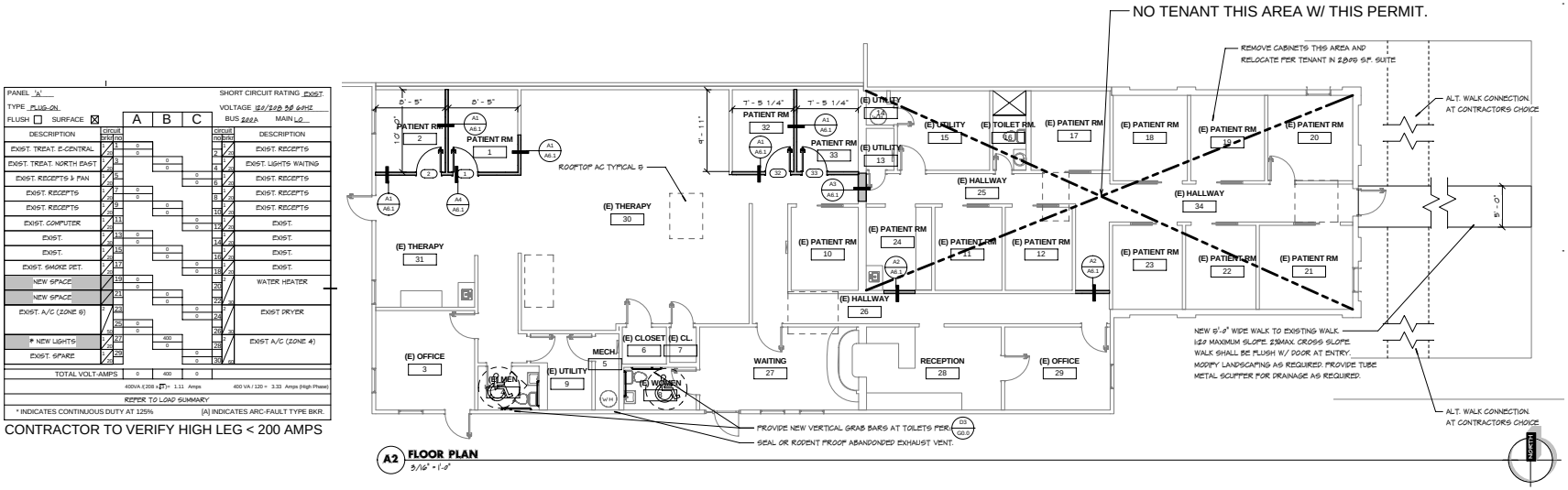

PANEL 'A' — SHORT CIRCUIT RATING EXIST.
TYPE PLUG-ON — VOLTAGE 120/208 3Ø 60HZ
FLUSH ☐ SURFACE ☒ — BUS 225A — MAIN 40

DESCRIPTION	circuit brkr	circuit no	A	B	C	circuit no	circuit brkr	DESCRIPTION
EXIST. TREAT. E-CENTRAL	20/1	1	0			2	20/1	EXIST. RECEPTS
EXIST. TREAT. NORTH EAST	20/1	3		0		4	20/1	EXIST. LIGHTS WAITING
EXIST. RECEPTS & FAN	20/1	5			0	6	20/1	EXIST. RECEPTS
EXIST. RECEPTS	20/1	7	0			8	20/1	EXIST. RECEPTS
EXIST. RECEPTS	20/1	9		0		10	20/1	EXIST. RECEPTS
EXIST. COMPUTER	20/1	11			0	12	20/1	EXIST.
EXIST.	20/1	13	0			14	20/1	EXIST.
EXIST.	20/1	15		0		16	20/1	EXIST.
EXIST. SMOKE DET.	20/1	17			0	18	20/1	EXIST.
NEW SPACE	20/1	19	0			20	20/1	WATER HEATER
NEW SPACE	20/1	21		0		22	20/1	
EXIST. A/C (ZONE 6)	20/1	23			0	24	20/1	EXIST DRYER
* NEW LIGHTS	20/1	25	0			26	20/1	
	20/1	27		400		28	20/1	EXIST A/C (ZONE 4)
EXIST. SPARE	20/1	29			0	30	20/1	
TOTAL VOLT-AMPS			0	400	0			

400VA / (208 x √3) = 1.11 Amps — 400 VA / 120 = 3.33 Amps (High Phase)

REFER TO LOAD SUMMARY

* INDICATES CONTINUOUS DUTY AT 125% — [A] INDICATES ARC-FAULT TYPE BKR.

CONTRACTOR TO VERIFY HIGH LEG < 200 AMPS

DIRENFELD PHYSICAL THERAPY

Direnfeld Physical Therapy (DPT) is located in the Desert Life Medical Center just east of Northwest Hospital in Tucson. Building #1 in the complex had a larger 4400 square foot suite that needed to be split into two smaller suites. DPT decided to lease the 2805 square foot portion of the suite leaving the remainder for a future tenant. As with all suites that get split a re-design of mechanical and electrical systems was performed to comply with code and clients needs.

For this project Bright Design Associates performed a Self-Certified Plan Review which enabled the client to move in on time and the building owners to deliver a finished suite. Like all Self-Certification projects, two weeks were cut from the projects schedule allowing construction to begin that much quicker.

Direnfeld Physical Therapy consists of the following programmatic functions: Five exam rooms, Physical Therapy prep space, offices, waiting room, clerical/receptions space, toilet rooms, utility and storage rooms, and a grand physical therapy room.

Location
2001 W ORANGE GROVE SUITE 114
TUCSON, AZ

Client
G&J DEVELOPMENT

Contract Value
N/A

Completion Date
NOVEMBER 2008

Project Size
4404 SQ FT

BRIGHT DESIGN ASSOCIATES