

CODE ANALYSIS:

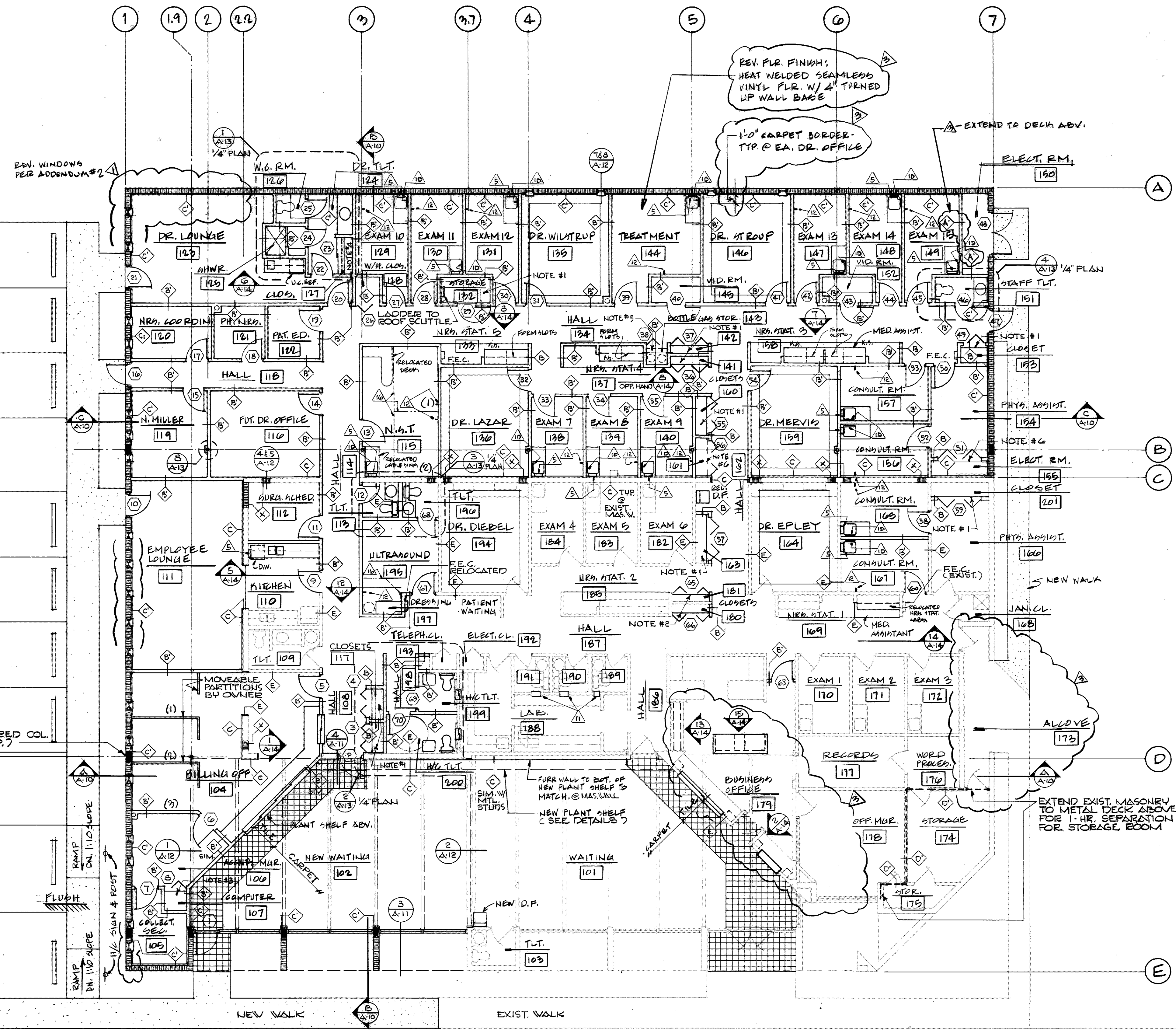
CODE ANALYSIS:
Applicable Code References:
 1985 Standard Building Code w/ 86 Revisions
 (Note: Orange County Building Dep't. will review this project based on interpretations from the soon to be adopted 1988 SBC.)
 1985 NFPA 101 Life Safety Code
 1985 Standard Fire Prevention Code

Building Type: Office Building
Occupancy Classification: Business (Group 'B')
Gross Building Area: 12,180 sf : one story
Area Analysis:
 First Floor= 5,640 sf
 Second Floor= 6,540 sf
 Total = 12,180 sf

Construction Classification: Table 400
TYPE V: UNPROTECTED / UNSPRINKLERED
 Maximum building height= 55' 2 story (35' per zoning)
 Maximum building area= 14,000 sf / floor
Fire Protective Requirements: Table 600:
 party & fire walls: 4 hrs.
 interior brg. walls: 0 hr.
 columns: 0 hr.
 beams: 0 hr.
 roof / ceilings: 0 hr.
 exterior brg. walls: 0 hr.
 0' to 3': 3 hr. (0%)
 >3' to 10': 2 hr. (10%)
 >10' to 20': 2 hr. (20%)
 >20' to 30': 1 hr. (40%)
 >30' to p.line: 1 hr. (NL)
 exit access corridors: **no rating required as the provided capacity of the exit access corridors is 30 persons or less (88 SBC para. 702.4) designated storage rooms: 1-hour rated

Exit Analysis:
 Total building occupant load:
 12,180 sf / 100 sf/person = 120 people
 Egress width required = 24" (120 people x .2")
 Egress width provided = 216"

Provided capacity of the exit access corridors:
 120 people / 5 exits = 24 people (88 SBC para. 1105.4.4)
 (**note: per 3/8/89 meeting with Tom Lepinski, Rob Harrell, and Therpe Belote at the Orange County Building Dep't. this project will be reviewed per 1988 Building Code, and their interpretation would allow capacity of exit access corridors to be calculated by dividing the total building occupant load (120 people) by the total number of exits less one (5 - 1 = 4 exits); therefore, 120 people / 4 exits = 30 people and therefore exit access corridors are not required to be rated.)



- SHEVING NOTES:**
- NOTE #1 - 5-ADJUSTABLE PAINTED WOOD SHELVES
 - NOTE #2 - MODIFY EXIST. SHELVES FOR NEW LENGTH AS REQ'D.
 - NOTE #3 - PROVIDE SHELVES AS REQ'D. BY OWNER FOR COMPUTER EQUIP.
 - NOTE #4 - PROVIDE ROD AND SHELF COORDINATE V/ OWNER.
 - NOTE #5 - PROVIDE REMOVABLE CHAIN TO SECURE GAS BOTTLES AND 3-ADJ. PTD. SHELVES ABOVE.
 - NOTE #6 - PROVIDE SHELVES IF POSSIBLE OVER OR BETWEEN EXIST. ELECT. EQUIP.

**ADDITIONS / RENOVATIONS
 OB-GYN SPECIALISTS**

OB-GYN SPECIALISTS
 1551 Clay Street
 Winter Park, Florida 32789
 Ph # (407) 628-9891

FOR
 H.W. DAVIS CONSTRUCTION, INC.
 1212 E. 29th Street
 Orlando, Florida 32805
 Ph # (407) 949-1212

- General Notes**
- LEGEND**
- △ TOILET ACCESSORIES (SEE SCHEDULE)
 - ⊕ DOOR NUMBER (SEE DOOR SCHED.)
 - ⊞ PARTITION TYPE

Mark	Date	Revisions
Δ 1-15-89		SCOPE REDUCTION
Δ 1-23-89		APPENDIX #2

Project No: 89-167.2 Approv. by: RLB
 Drawn by: PK Date: 4/18/89
 Checked by: RLB Scale: 1/8" = 1'-0"

**FLOOR PLAN
 CODE ANALYSIS**

FLOOR PLAN
 1/8" = 1'-0" NORTH