



Davis Bews Design Group, Inc.
150 State Street East
Oldsmar, FL 34677
(813) 925-1300

A&E Project Manager

Instructions for the Digital Interview

Thank you for your interest in working with us! We are excited that you are considering applying for a position as our A&E Project Manager! If you run into any issues, please email ginaz@davisbews.com for support. However, please understand that emails to this address will not be accepted in lieu of the formal online interview. Please read this set of instructions before beginning.

The complete assessment consists of a short video interview, a commercial code exercise, and a project management task. Please read all instructions before beginning.

Instructions

1. Complete the camera interview. The questions are in Section I on the next page. Rest assured that you do not need to dress up, be in a fancy setting, or produce a high-quality interview. This step merely allows us to share, verbatim, your best answers to important questions with the appropriate people.
2. Complete the project management task by following the instructions in Section II. In this assessment, we are evaluating your project management and organizational skills.
3. Complete the Commercial code exercise in Section III by following the instructions on that page.
4. Submit your resume, project plan screen recording video, interview video, and commercial code exercise as a zip file via our job portal on our website [here](#).

Software/Hardware Requirements

1. Autodesk 2D AutoCAD (any version, including a free trial)
2. Screen recording software of your choosing. We recommend Loom – you can sign up for a free trial [here](#).
3. PDF Viewer.



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Section I: Interview Questions for Video Response

Please record yourself on video answering the following questions. Don't worry about backgrounds or making anything look or seem professional, this is just a way to make sure that we can share your responses among the appropriate parties without mistranslating your words or meanings as it is repeated.

Your video should be approximately 3-5 minutes long.

1. What are you looking for in a position?
2. Why do you want to work with us?
3. Why are you a good fit for the position described from both a personal and professional standpoint?
4. How would you rank yourself versus your peers based on knowledge, speed, and accuracy among your classmates and/or colleagues?
5. How long have you been an architect/project manager?
6. Specifically, what types of projects have you worked on in your career so far?
7. What would they do if a contractor has a mechanical question on the plans?
8. If we are remodeling and adding a 1,500 sq. ft. dining room to an existing restaurant, what would the additional occupant load be?
9. Tell us about a time you failed to meet your client's expectations. What happened?
10. What do you see yourself doing in 5 years; what would you need to be working on/doing every day that would make you happy in your job?

Section II: Project Management Exercise with Screen Recording

In this assessment, review the scenario below. You will need to create a project plan (either on Excel, Word or your choice of Project Management software) and record your screen providing an update to your supervisor via this video and detailing for us the current project status with the new curveball. How you are keeping client and staff updated including rescheduling deadlines, how you are keeping your CAD technicians on track and informed, and outside coordination with subconsultants?

Your video should be approximately 3-5 minutes long.

Scenario:

We have a project for a restaurant that wants to add on to the kitchen and expand the dining room for the entire scope of the project, from schematic design to permit submittal. The city is interpreting a code differently than they have for the past 5 years and you just learned the significant impact this will have on the design.



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Section III: Commercial Exercise

Here is a Life Safety Plan with a minimum of 5 mistakes or code violations. List as many as you can find and include what needs to be corrected. Do this on a separate document.

Along with these responses, you will need to attach your resume, your interview video, and your project management screen recording video and upload them all in a zip file [here](#).

You will hear back from us via your preferred method of contact within 3 business days. Thanks for applying and we can't wait to talk with you further!

Instructions:
 Here is a Life Safety Plan with a minimum of 5 mistakes or code violations. List as many as you can find and include what needs to be corrected.

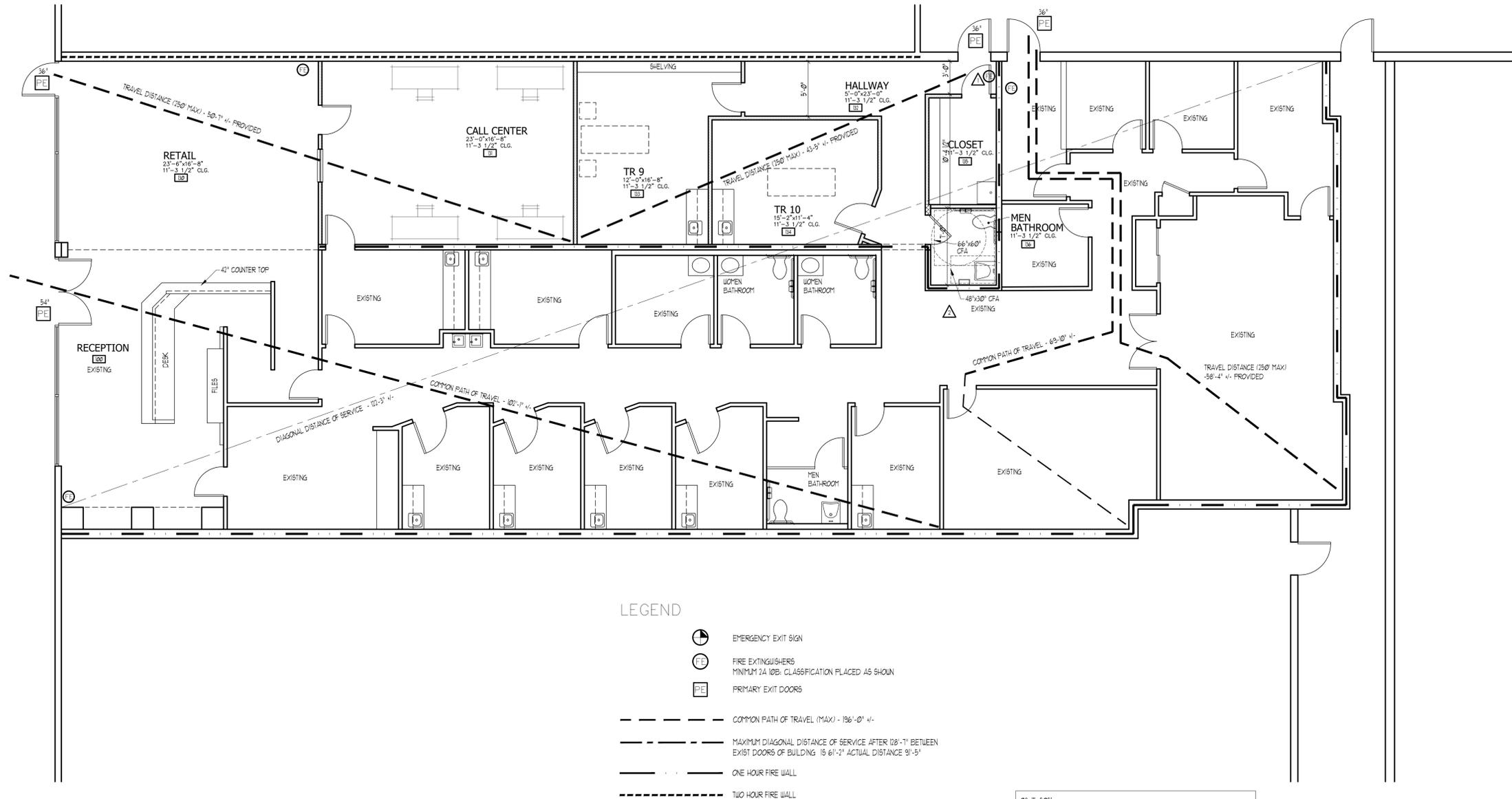
NUMBER OF EXITS	MEANS OF EGRESS DISTANCE
PER FBC TABLE 1006.3.1	PER LIFE SAFETY CODE, CH. 7, TABLE A.1.6
OCCUPANT LOAD MORE THAN 100	COMMON PATH LIMIT SPRINKLERED - 20 FT. / 15 FT.
NUMBER OF EXITS REQUIRED 2	SERVING > 50 PERSONS - 20 FT. SERVING ≤ 50 PERSONS - 15 FT.
	DEAD-END LIMIT SPRINKLERED - 20 FT.
	TRAVEL DISTANCE LIMIT SPRINKLERED - 200 FT.

NEW		
OCCUPANT LOAD	REQUIRED	PROPOSED
CALL CENTER	389 SF / 15 NET	26 OCCUPANTS
OFFICES, OTHER SPACES	1074 SF / 100 GROSS	11 OCCUPANTS
		37 TOTAL OCCUPANTS

COMBINED		
OCCUPANT LOAD	REQUIRED	PROPOSED
CALL CENTER	389 SF / 15 NET	26 OCCUPANTS
OFFICES, OTHER SPACES	4366 SF / 100 GROSS	46 OCCUPANTS
		72 TOTAL OCCUPANTS

EXISTING FIRE SPRINKLER MODIFICATION FOR NEW ADDED SPACE IS UNDER ANOTHER PERMIT.

- LIFE SAFETY NOTES AS PER FBC 2011:
- HANDRAILS SHALL COMPLY WITH FBC 2011 BUILDING SECTION 1002.8.
 - GUARD RAILS SHALL COMPLY WITH FBC 2011 BUILDING SECTION 1002.9.
 - THE ELEVATION OF THE FLOOR SURFACES ON BOTH SIDES OF THE DOOR SHALL COMPLY WITH FBC 2011 BUILDING SECTION 1011.5.
 - THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 1 FEET 6 INCHES. ELEMENTS CANNOT PROJECT OVER WALKING SURFACES MORE THAN 4 INCHES WHEN THEY ARE LOCATED BETWEEN 21 AND 80 INCHES ABOVE THE FLOOR.
 - WALKING SURFACES SHALL BE SLIP RESISTANT UNDER FORSEABLE CONDITIONS, THE WALKING SURFACE OF EACH ELEMENT IN THE MEANS OF EGRESS SHALL BE UNIFORMLY SLIP RESISTANT ALONG THE NATURE PATH OF TRAVEL.
 - SEE SHEET EI FOR EXIT AND EMERGENCY LIGHTING INFORMATION.
 - INTERIOR WALL AND CEILING FINISH MATERIAL COMPLYING WITH SECTION 1002 SHALL BE CLASS A OR CLASS B IN EXITS AND IN EXIT ACCESS CORRIDORS. INTERIOR WALL AND CEILING FINISHES SHALL BE CLASS A, CLASS B, OR CLASS C IN AREAS OTHER THAN EXITS AND EXIT ACCESS CORRIDORS. SEE FFFC 101.9.3.3.2.



- LEGEND
- EMERGENCY EXIT SIGN
 - FIRE EXTINGUISHERS
MINIMUM 2A 10B; CLASSIFICATION PLACED AS SHOWN
 - PRIMARY EXIT DOORS
 - COMMON PATH OF TRAVEL (MAX) - 136'-0" +/-
 - MAXIMUM DIAGONAL DISTANCE OF SERVICE AFTER 108'-1" BETWEEN EXIST DOORS OF BUILDING: IS 61'-2" ACTUAL DISTANCE 91'-5"
 - ONE HOUR FIRE WALL
 - TWO HOUR FIRE WALL

03-15-2021

THESE CONSTRUCTION PLANS HAVE BEEN PREPARED BY AN ARCHITECTURAL DESIGNER UNDER THE DIRECT SUPERVISION OF STEVE GORDILLO, PE AND HEREBY CERTIFIED TO COMPLY WITH THE 6TH EDITION OF THE 2011 FLORIDA BUILDING CODE.

TO THE BEST OF THE ENGINEER'S KNOWLEDGE AND BELIEF, THE PLANS AND SPECIFICATIONS COMPLY WITH THE 6TH EDITION OF THE 2011 FLORIDA BUILDING CODE.

THE DRAWING IS SEALED FOR THE STRUCTURAL PORTIONS ONLY.

LIFE SAFETY PLAN

SCALE: 3/16" = 1'-0"



JOB NUMBER	B-1823382
CAD FILE	RAD_SPA
ISSUED	10-05-2020
REVISED	10-16-2020
	01-18-2021
	02-22-2021
	03-15-2021



ENGINEERING DESIGN

G3X DESIGN, LLC
 2237 CLIMBING IVY DR
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 (813) 928-8339
 FL C.A. #311107

RADIANCE MED SPA
 2894 W. BAY DR.
 BELLEAIR BLUFFS, FL 33770

TITLE
 LIFE SAFETY PLAN

SHEET
LS1