

PLAN READING ACTIVITY LEVEL 2 - ANSWERS

#	QUESTION	REFERENCE	ANSWER
1	Where can you find information about door sizes?	A600	Door Schedule
2	This building is located on the corner of what two streets?	A100	West Forest Meadows Street and South Woodlands Village Blvd.
3	This building is being built on what size lot?	A100	51,090 ft ²
4	What are the dimensions of each parking space?	A100	9'0" x 18'0"
5	How many parking spaces are provided?	A100	46 parking stalls (42 stalls + 4 ADA parking stalls)
6	What is the difference in width between Level 1 and Level 3?	A201	32'0" (Level 1 is 100', Level 3 is 132')
7	What elevation is the Roof Access?	A303	148"
8	What materials are used between the first floor and the second floor?	A351	Concrete over metal deck
9	What is located below the ground level?	A351	Footing and foundation
10	What size metal studs are used in the tile floor threshold?	A510	3 5/8"
11	What is the thickness and material of door # 312	A600	1 3/4", solid wood
12	What is the maximum working pressure for the fire pump on the penthouse level?	FP104	175.00 psi
13	Where should the cable tray be routed?	ET101	Above ceiling, roughly 3" with 6" access from one side
14	How many DX-2 type fixtures should be installed?	EE001	79

15	What sheet would you find the electrical details on?	EE001	EE501
16	What does TOU stand for?	EE401	Top of Unistrut
17	What is the max air flow of VAV2-9?	ME001	1160 CFM
18	What type of louvers is L-1?	ME001	Storm Resistant: Standard
19	What is the scale of the Penthouse Mechanical Plan?	ME401	$\frac{1}{2}'' = 1'-0''$
20	Where should the condensate drain be routed in break room 131?	MH101	Tail piece of sink
21	What fuel type is required for the boilers?	MP000	Natural gas
22	What is the scale of the Mechanical Pipe Plan Penthouse Detail?	MP104	$\frac{3}{16}'' = 1'-0''$
23	What's the scale on the site plan?	A100	$\frac{1}{16}'' = 1'-0''$
24	Count the number of fire sprinklers.	FP101	38 (ish)
25	Find the fire rating (min) for door #123	A600	30 min