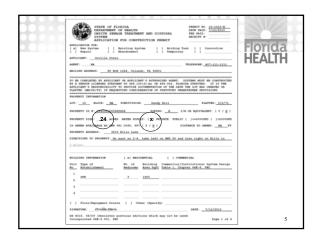


Classroom Exercise #1	Florida HEALTH
 What is the size of the lot in square feet? 70 ft. x 125 ft. 	8,750 sq. ft.
 What is the size of the lot in <u>acres</u>? 8,750 sq. ft. / 43,560 sq. ft. 	.20 acres
3. What is the net usable area of the lot in <u>acres</u> ? Lot: 70 x 125 = 8750 sq. ft. <u>ROW: 15 x 125 = 1875 sq. ft.</u> Total: 10,625 / 43,560 = .24	.24 acres
	3

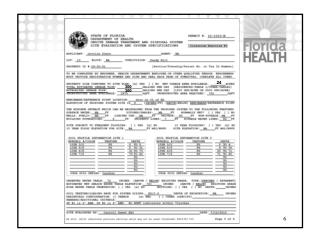


Classroom Exercise #1	Florida HEALTH
4. What is the minimum setback requirement to the surface water body across the road? There is no surface water body – only a conservation/wetlands area	None
5. What is the <u>minimum setback</u> requirement for the private potable well?	75 ft.
6. What is the <u>estimated sewage flow</u> for the proposed residence? From Table I	300 gpd
7. What is the authorized sewage flow for the lot? Net usable area x 1500 gal. per acre/per day .24 acres x 1500 = 360 gpd	360 gpd











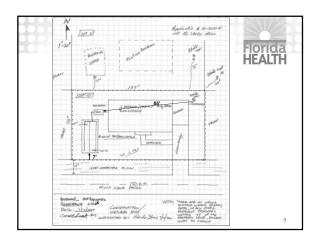
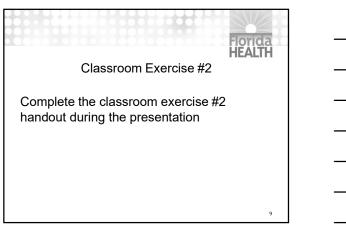
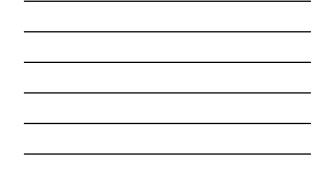


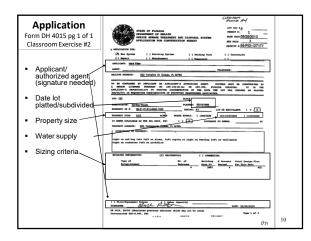


TABLE I For System Design ESTIMATED SEWAGE FLOWS	Florida HEALTH
RESIDENTIAL: GPD Residences (a) Single or multiple family per dwelling Unit 1 Bedroom with 750 sq. ft. or less of building area. 100 2 Bedrooms with 751-1200 sq. ft. 00 3 Bedrooms with 1201-2250 sq. ft. 00 4 Bedrooms with 1201-2250 sq. ft. 300 4 Bedrooms with 2251-3300 sq. ft. 400 For each additional bedroom or each 400 For each additional 750 square feet of building area or fraction thereof in a dwelling unit, system sizing shall be increased by 60 gallons per dwelling unit. 50	
	8

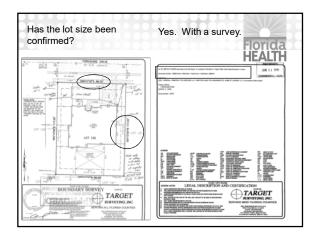




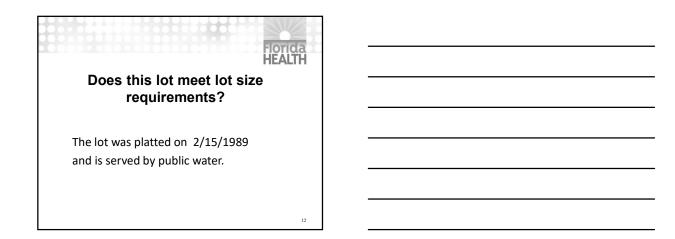


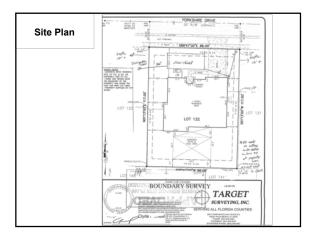




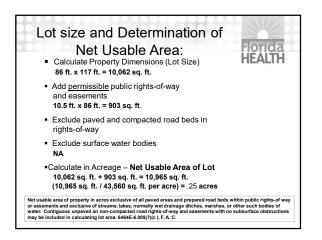


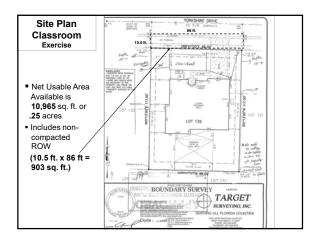




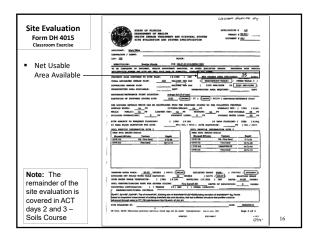




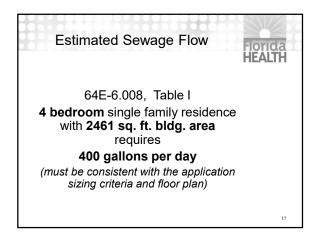


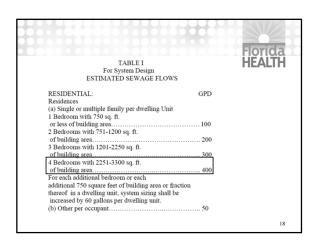




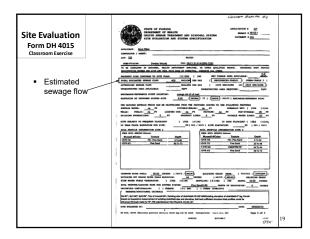




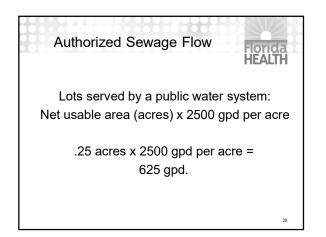


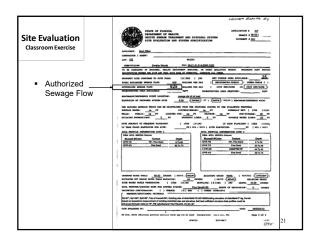














Classroom Exercise #2	Florida HEALTH
1. Has the lot size been confirmed? And how?	Yes, Survey
2. Does this lot meet lot size requirements? Need to review adjacent lots	Yes
3. What are the property dimensions of the lot?	86ft. X 117ft.
4. What is the total square footage of the lot? 86 ft. x 117 ft = 10,062 SF	10,062 SF
5. What is the total square footage of permissible rights of ways and easements?	10.5 ft x 86 ft. = 903 SF



Classroom Exercise #2	Florida HEALTH
6. Are there surface water bodies present? If so, what is the total area excluded from the net usable area?	No / NA
 What is the net usable area of the lot in acres? 10,026 sq. ft. x 903 sq. ft. = 10,965 sq. ft. 	10,965/43,560 = .25 acres
8. What is the estimated sewage flow for the residence?	400 gpd
9. What is the sizing criteria the estimated sewage flow is based on?	4 beds/ 2461 sf bldg area
10. What is the authorized sewage flow for the lot? .25 acres x 2500 GPD =	625 gpd



