

# LANDSCAPE DESIGN

## DRAWING A:

1. How many Deciduous Trees can be identified in Drawing A?
  - A. 2
  - B. 3
  - C. 5
  - D. none
2. The Owners want to know how many Pavers they need to purchase. If the Patio Pavers are 2' squares, how many Pavers do they need to in Drawing A?
  - A. 42
  - B. 56
  - C. 88 1/2
  - D. 91

## DRAWING B:

3. How many square feet of concrete are the homeowners going to install for the front sidewalk only in Drawing B?
  - A. 260 sf
  - B. 360 sf
  - C. 650 sf
  - D. 560 sf
4. How many cubic feet of concrete is needed to complete the front sidewalk if the thickness is to be 3" thick only in Drawing B?
  - A. 120 cubic feet
  - B. 140 cubic feet
  - C. 178 cubic feet
  - D. 560 cubic feet
5. If only the Grass is irrigated by a sprinkler system and the rest is irrigated by a drip system, how many square feet of sprinkler system is needed in Drawing B?
  - A. 4360 sf
  - B. 4000 sf
  - C. 5480 sf
  - D. 6230 sf

6. The Front Flower Bed needs 4" of mulch laid on it. The mulch is sold in Bags and each bag will cover 3' at a depth of 4". How many Bags of Mulch do the Home owners need for the Front Flower Bed that equals 840 sf in Drawing B?

- A. 280
- B. 290
- C. 300
- D. 320

7. How types of Trees that will bear fruit are included in Drawing B?

- A. 0
- B. 1
- C. 3
- D. 4

8. How many Total Trees can be identified in Drawing B?

- A. 6
- B. 9
- C. 11
- D. 13

9. What does the symbol  represent in Drawing B?

- A. Grass
- B. Franklin Red Chat Surfacing
- C. Landscape Boulders
- D. Regal Mist

**USE THE FOLLOWING INFORMATION TO ANSWER QUESTIONS 10-15**

ITEM	5 GAL COST	15 GAL COST	24" BOX COST	
ASH TREE	\$12.00	\$20.00	\$120.00	
TEXAS MTN. LAUREL TREE	\$16.00	\$25.00	\$140.00	
AFGHAN PINE TREE	\$8.00	\$12.00	\$80.00	

10. What is the minimum cost of the an Evergreen Tree?

- A. \$8.00
- B. \$16.00
- C. \$12.00
- D. \$80.00

11. What is the minimum cost to install all the Afghan Pines in Drawing B?

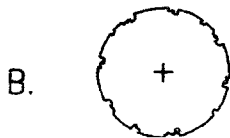
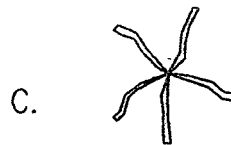
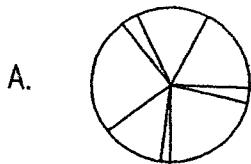
- A. \$8.00
- B. \$16.00
- C. \$12.00
- D. \$32.00

**GENERAL LANDSCAPE QUESTIONS**

12. What is the Scientific Name for Purple Leaf Plum?

- A. *Quercus virginia*
- B. *Euonymus europaeus*
- C. *Prunus cerasifera*
- D. none of the above

13. Which one of the symbols below would best represent a Palm Tree?



14. In Drawing B, if the Homeowners wanted the biggest, most expensive Trees they can buy what type of Trees would they purchase?

- A. Oak Tree
- B. Ash Tree
- C. Palm Tree
- D. Texas Mtn. Laurel Tree

NORTH TAMMY STREET

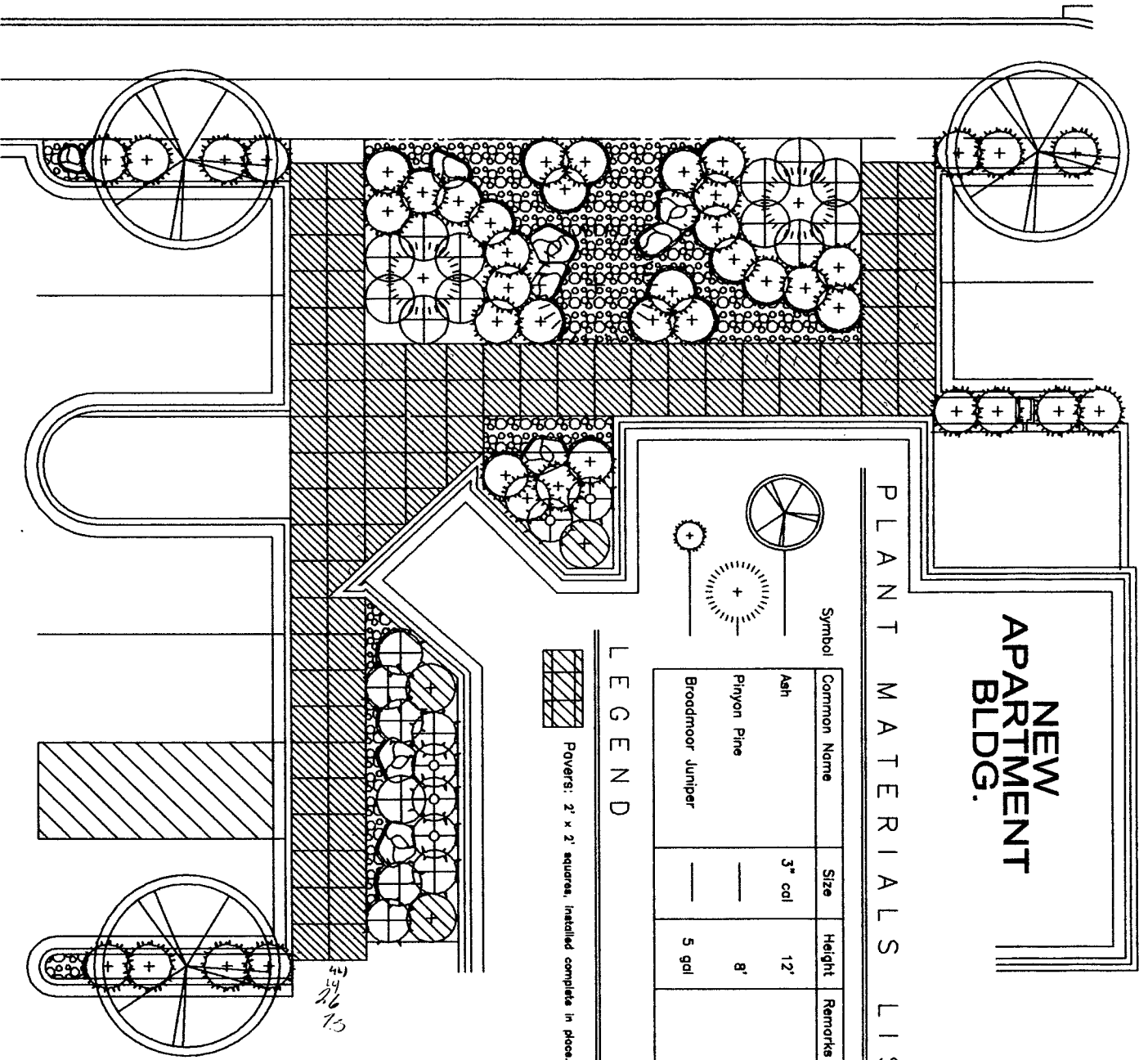
NEW  
APARTMENT  
BLDG.

PLANT MATERIALS LIST

Symbol	Common Name	Size	Height	Remarks
	Ash	3" cal	12'	
	Pinyon Pine	—	8'	
	Broodmoor Juniper	—	5 gal	

LEGEND

Pavers: 2' x 2' squares, installed complete in place.



DRAWING A

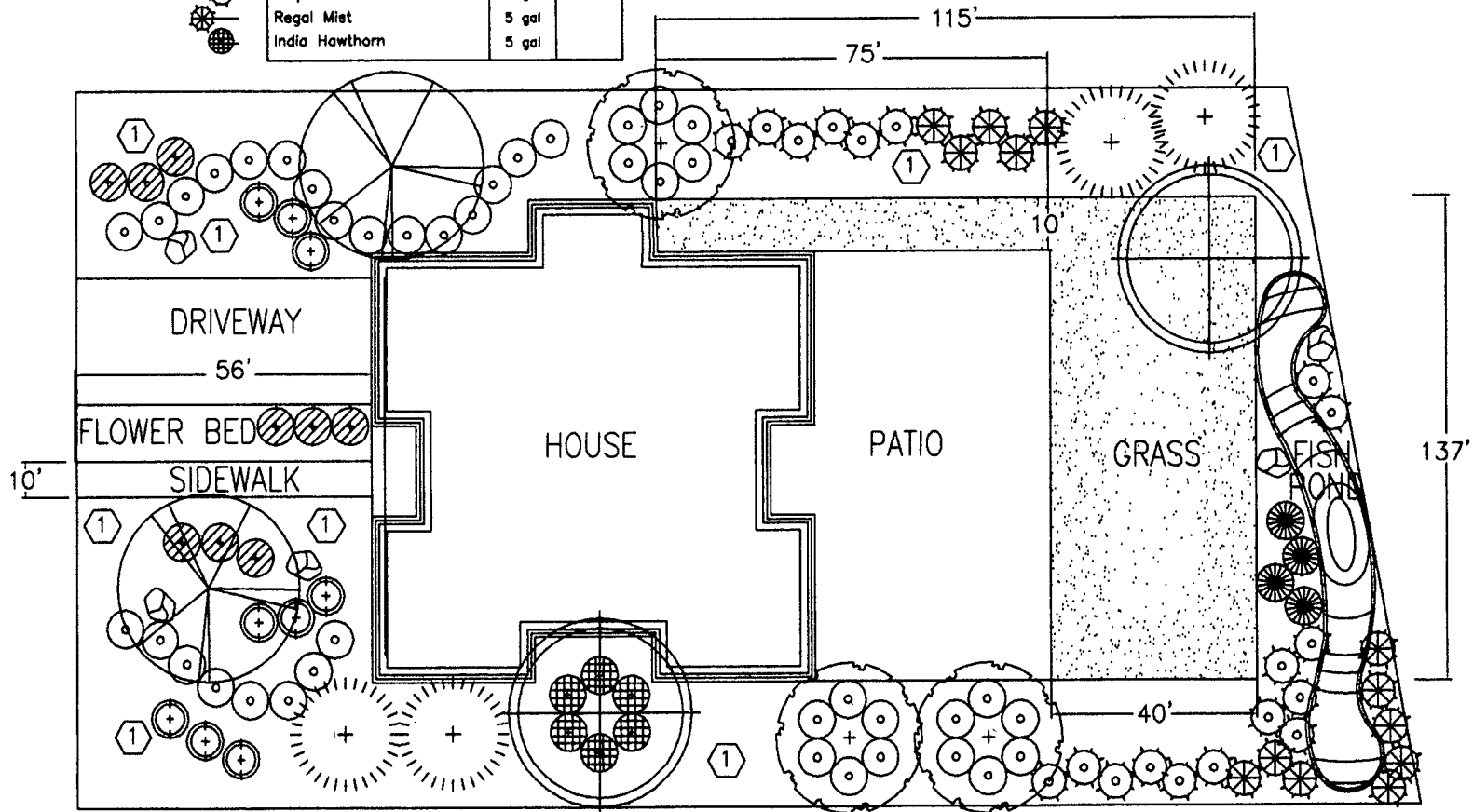
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**PLANT MATERIALS LIST**

Symbol/Quant	Common Name	Size	Height
	Texas Honey Mesquite	2" cal	8'
	Chinese Pistachio	2" cal	10'
	Texas Mountain Laurel	2" cal	10'
	Afghan Pine	2" cal	8'
	Thompson Coyote Bush	5 gal	
	Nandina Domestica	5 gal	
	Luecophyllum 'Texas Sage'	5 gal	
	Turpentine Bush	5 gal	
	Regal Mist	5 gal	
	India Hawthorn	5 gal	

**LEGEND**

- Landscapes Sod: Sodded Tifway #419 Hybrid Bermuda  
2" organic mulch.
- Franklin Red Chat Surfacing: Compacted 3" thick layer,  
with underlayment.
- Landscape Boulders: Large, size as graphically  
shown.



**LANDSCAPE DEVELOPMENT PLAN**

**DRAWING B**



2014  
New Mexico State  
FFA  
LANDSCAPE DESIGN

## Site analysis

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### On Site Factors:

1. This house is located in New Mexico.
2. This is a one story house with a pitched tin roof. The roof is metal.
3. The house is in a farm, with houses on two sides and huge Pecan Field behind it. The house has no existing trees or shrubs on the lot.
4. The lot is flat.
5. The front door of the house faces **SOUTH**.
6. There is one existing patio/ porch in the back yard, and they want to keep it just like it is.
8. There is an existing 4 foot wall surrounding the back yard.
9. The front yard is just dirt. They want the house to be attractive and they will flood irrigate it.

### Off Site Factors:

1. There is a great view out the back yard of old existing Pecan Trees that they own and they love the view to the orchard.

## Homeowners Needs

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### Home Owners

1. The people that live here are a married couple with a 3 children all girls. They have 2 big dogs. The couple farm the land in the back.
  2. The homeowners are outside all the time. They love that their back yard is connected to their Pecan Field. Although there is a wall, they would like their backyard to be a seamless connection to the farm.
  3. The girls are ages 4, 8, and 12. They romp and play outside and like to build Forts in the Pecan Field but the parents would like for them to stay within the walled area. Maybe you could put some Pecan Trees in the backyard.
  4. They also need shade as it is really hot in the summer. They want their dogs to be able to play with the girls within the back yard.
  5. They would like an area where they can grow flowers to pick and put in vases also.
  6. They want their landscape to be shady, beautiful and attractive.
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## Entertaining

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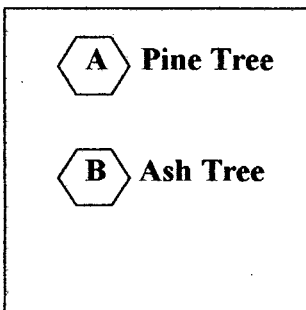
1. They do have parties in their Pecan Field and they want their backyard to be a beautiful passage to the Field. They want to be able to bring food and chairs into the Field so they need a paved surface from the backdoor to the Field. It should be at least 6' wide.
2. The homeowner has enough money to put anything in the yard that you want and or think.

## Hints

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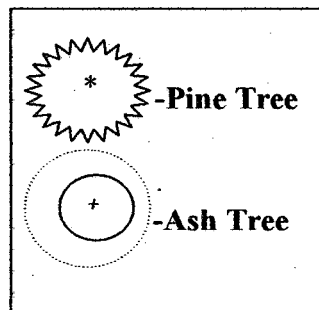
1. Put your team number on the back.
2. Write any thing you want the judges to know explaining your design on the drawing.
3. Label everything.
4. Put the scale on the drawing. The scale is 1"= 10'.
5. Put the NORTH arrow pointing in the correct direction.
6. Put a PLANT LIST on the drawing.  
EXAMPLE;

### Plant Material List Legend



or

### Plant Material List Legend



**GOOD LUCK!**