

Considering the site information provided, please GRAPHICALLY identify one (or two) possible locations for the following building:

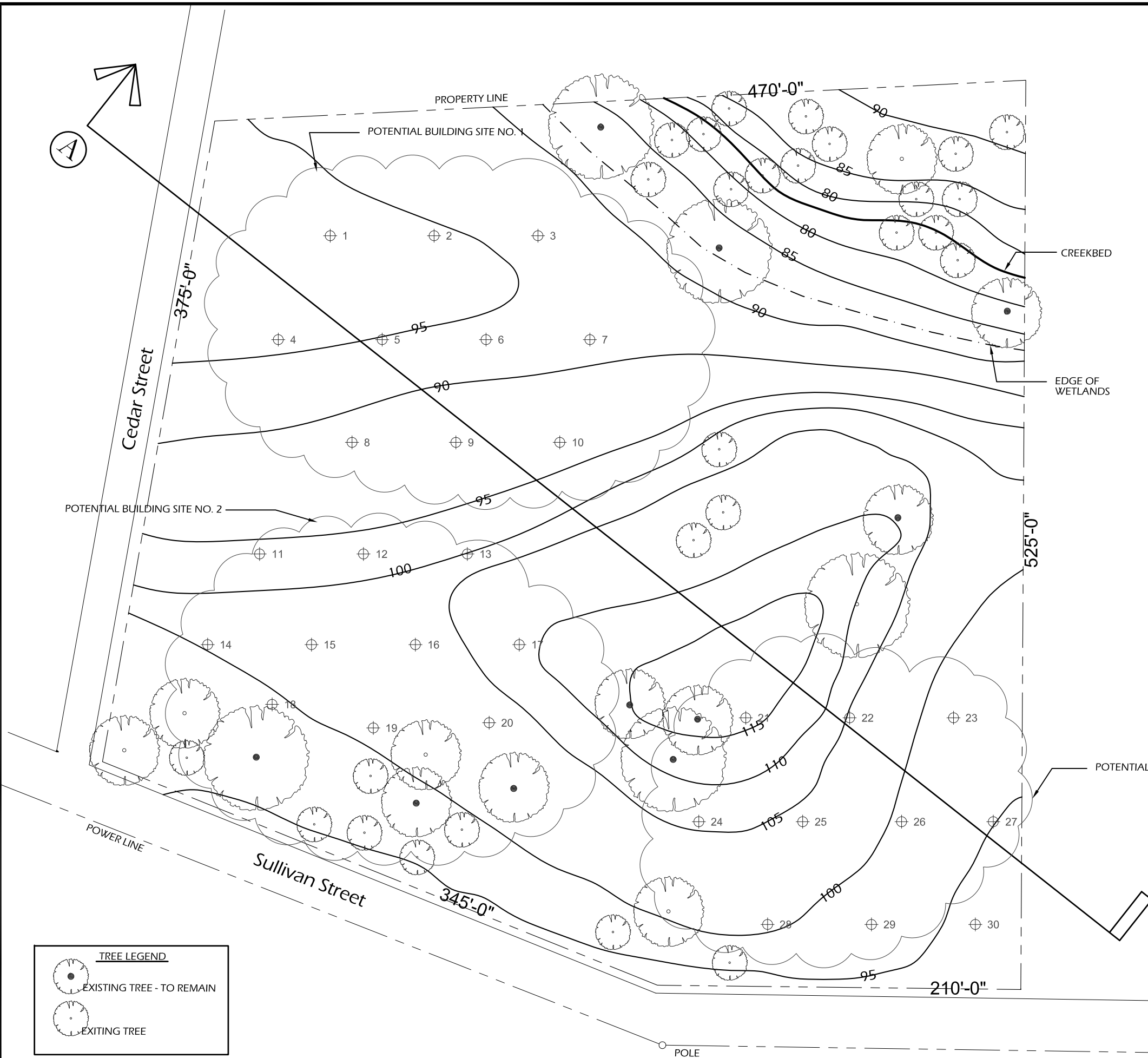
1. Building plan is "L" shaped and must accommodate a large public gathering space in "long leg" (90' x 35') with smaller wing or dependency (25' x 25') to accommodate support spaces
2. Building to be located off of Sullivan Street
3. Zoning Setbacks: front - 50'-0"; rear and sides - 25'-0"
4. 3 potential building sites have been isolated and soil test bore locations identified (see survey and test results below)
5. Wetlands Setback = 100'-0"
6. Identify natural drainage patterns and watercourses
7. Consider views, existing vegetation (including trees to remain), opportunities for passive heating, cooling and ventilation
8. Prevailing Wind Data: Direction in Winter - FROM the West  
 Direction in Summer - FROM the East

Soil Test Results:

Bores 1-10: Silt/ Clay  
 Bores 11-16: Gravel/ Sand  
 Bore 17: Shallow Ledge  
 Bores 18 & 19: Gravel/ Sand

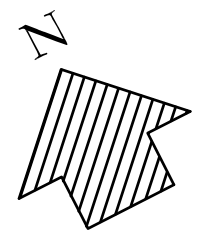
Bores 20-22: Shallow Ledge  
 Bore 23: Gravel/ Sand  
 Bore 24: Shallow Ledge  
 Bores 25-30: Gravel/ Sand

Please also provide a site section (at 1:60) through cut-line "A", as indicated.



**TREE LEGEND**

- EXISTING TREE - TO REMAIN (represented by a tree symbol with a solid black dot in the center)
- EXISTING TREE (represented by a tree symbol with a hollow center)



|   |               |   |              |
|---|---------------|---|--------------|
| Sheet Title :                                     |               | <b>SITE SURVEY</b>                      |              |
|   |               | <i>Parcel A, Southern Michigan, USA</i> |              |
| Date :  | Sept. 6, 2012 | Sheet Number :                          | <b>E-1.1</b> |
| Scale :   | 1" = 60'      | Drawn By :                              |              |
| ENVIRONMENTAL/ SITE ANALYSIS<br>ASSIGNMENT        |               |   |              |
| INTRO TO BUILDING TECHNOLOGY<br>ARCH 20411/ 60411 |               |   |              |