

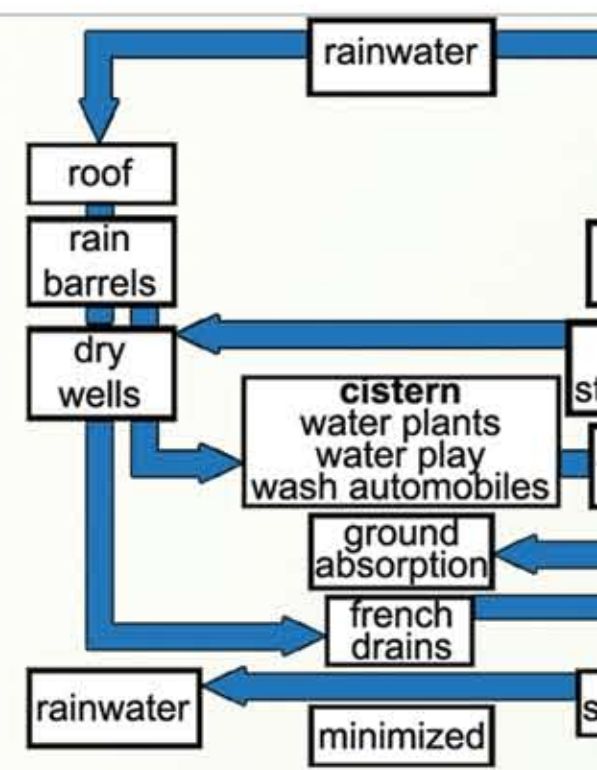
inner portland site
 linked: courtyard of connectivity
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Inherently, the courtyard concept in residential design fosters interaction and connection among those whom the courtyard serves. By providing glimpses of the playground area and water spray play area, the neighborhood will be drawn towards what the courtyard can offer to the community as a whole. The natural resource of water in the form of rain is highlighted on our site, with the use of exaggerated distribution systems including oversized gutters and downspouts, and rain barrels for its collection. All building materials are simple, readily available, and appropriate for the Pacific Northwest region, including metal siding and roofing, fiber cement siding, and steel beams and columns.

Five (5) total units (3 townhome units, 2 detached units)
 Townhome unit: 1,434 sf, maximum height: 33'-0"
 Detached unit: 1,823 sf, maximum height: 33'-0"
 Total: 7,948 sf
 Percentage of building coverage: 30.72%

DESIGN PRINCIPLES/DIAGRAMS KEY

1. implement water collection onsite in conjunction with stormwater management techniques to further reduce the amount of run-off to municipal sewer systems.
2. develop site plan towards potential future connectivity to adjacent sites and providing for an expanded courtyard.
3. design for unobstructed audio/visual connections from unit interior to exterior toward parental sense of security and child development of independence.
4. address the street frontage presence through contextual reference while addressing necessary safety and privacy issues.
5. provide opportunities for mutual social interaction of residents and neighborhood through courtyard design which could accommodate such an endeavor.



SITE PLAN LEGEND

- A. grassblock paving at driveway and parking spaces
- B. permeable pavers parking space marker
- C. permeable/recycled shredded tire circulation path
- D. recycle/compost/waste bin storage area
- E. deciduous shade tree
- F. deciduous ornamental tree
- G. trex benches built into planter boxes
- H. 18" & 48" high Trex planter boxes
- J. hardy grass lawn
- K. high-density polyethylene cistern
- L. playground equipment area
- M. water permeable, slip-resistant interlocking play mat tiles
- N. slip-resistant water spray play area
- P. rain garden/dry well w/vegetation
- Q. dry stream bed w/vegetation
- R. bowl top polyethylene rain barrel
- S. landscaping path stones
- T. trex perimeter fence

