**PROPOSED PRELIMINARY DESIGN SOLUTION**

**DESIGN CONCEPT**

The design concept has been developed through the guidance of the campus-wide land use and design guidelines, district specific design guidelines and site specific development guidelines. The approach was also informed by the parameters presented by U of A at an Open House held on 27 July 2015.

**Contextual Design**
- Proposed building framed by existing treed windbreakers.
- Building height increases toward future campus center.
- Building orientation supports Winter City design principles protecting pedestrian and delivery entry points.
- Service approach located north east edge of building.
- Main pedestrian entry on east facade.

**Spatial Organization**
- Building is composed of east-facing front-of-house and back-of-house Collections Space to west.
- Front-of-house is a one level volume which has been articulated into five major groupings made up of:
  - Reading Room
  - Processing
  - Sorting
  - Loading Dock
  - Collections Space.

The planning of the facility has been driven by the composition of three components. The composition gives identity, clarity and human scale to the public realm.

The major entry point to the facility for staff, visitors and researchers is just north of the Reading Room on the east side of the building.

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**Reading Room**
- The east end of the building contains the ‘front of house’ components. The glazed facade offers views to one of the current access points to South Campus and enough sun shading to provide protection to the items.
- A low, long roof overhang provides additional shading during the day.
- Located at the southeast corner, this space is articulated as a one and a half storey volume.

**Main Entry**
- The major entry point to the facility.

**Processing Area**
- There is a relatively low number of staff to be accommodated and most of their work occurs within the Processing Area and Sorting Area. The volume required is primarily one storey, except for the Loading Dock, which is a one and a half storey volume. This space is to the northeast portion of the site. The roof canopy over the loading bay also provides a lighting opportunity.

**Collections Space**
- The Collections space is to the northeast portion of the site. The roof canopy over the loading bay also provides a lighting opportunity.
- The east end of the building contains the ‘front of house’ components. The glazed facade offers views to one of the current access points to South Campus and enough sun shading to provide protection to the items.

**Legends**
- LD = Loading Dock
- Book Storage
- Support (Public)
- Support (Office)
- 1 = Loading Area Total
- 2 = Processing
- 3 = Processing
- 4 = Support
- 5 = Support
- 6 = Support

**Floor Plans**
- East side by night: (All possible lighting methods will conform to sustainable design principles)
- Soffit uplighting along the east facade and main entry
- Vertical entry feature as a ‘lantern’
- Wall-washing LED wall packs on all exterior elevations