



Rickey Recycling Center
1130 Old Airport Rd.
Alamosa Co. 81101

6/29/2021

RE: Paper Cover and Drainage Improvement

The City of Alamosa is seeking to make improvements at the Rickey Recycling Center. Currently the center receives approximately 466 bales of cardboard material per year. We have recently added a bail storage facility for the paper product to be stored after being bailed and waiting transport. This storage facility provides protection of the paper from weather and water related issues. This improvement has increased our salvage income for the recycle center because the better pricing received for the paper bails. We are looking to further increase these margins by protecting the cardboard at the receiving bin by placing a covered structure over the bin and improving the site drainage to increased maneuverability and handling efficiency.

The 34x22 Post and Beam Structure is proposed to be a wood structure with Metal R panel roof and side wall finish. This structure is cost effective construction for this particular use because of significant foundation saving using pilaster type footings.

Additional concrete aprons, sidewalks, and building gutters will provide adequate site drainage to what is now a mud pit at times of significant rain or snow fall.

The installation of this structure will require some minor alteration and repairs to the current fencing that makes the receiving storage bin for paper product.

Specifications:

Covered Paper receiving area-

- 6x6 post with Pre-engineered Truss framing will make up the structure
- Metal 26 gauge ABC Imperial Rib profile or equal; Roof and side wall panels
- Metal trim and flashing 26 gauge Colors to match existing
- 24"x24"x8"Concrete Footers with frost protection as required
- 26 gauge metal gutter system with down spouts, color match existing

Concrete Side Walks:

- 3 ½" minimum depth, 4' width, see plan for layout
- 2500 PSI minimum concrete strength
- Placed upon structural grade fill 6" minimum.

Concrete Aprons:

- 5" depth minimum, 15' to control joint maximum, see plan for layout.
- 2500 PSI minimum concrete strength
- Placed upon structural grade fill 6" minimum.

Existing Building gutters:

- 26 gauge metal gutter system with down spouts and splash guard, color to match existing.

City provided deliverables:

- Structural fill dirt
- Fence Repairs

Sincerely,



Steve Copley
Building Official
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RECYCLE CENTER Paper collection cover Structure and drainage improvements
BUDGET ESTIMATION

6/24/2021

<u>QUANTIY</u>	<u>ITEM DESC</u>	<u>UNIT COST</u>	<u>TOTAL</u>
748 SF	34X22 POST AND BEAM STRUCTURE	28 /sf	20,944.00
25 Inft	4' concrete side walk	35 /ln ft	750.00
680 SF	Concrete Apron/exterior	7.50/ sf	5,100.00
112 ln ft	Fence repair or modification exisitng collection pin.	7.14 /ft	800.00
80 ln ft	Gutters and down spouts	8.13/ln ft	650.00

