EL RIO PRESERVE
BANK PROTECTION
PCRFCD PROJECT No. 5LKMNA
100% PLANS

GENERAL DESCRIPTION OF PROJECT
THIS PROJECT WILL INCLUDE GRADING AND CONSTRUCTION
OF ±3,475 L.F. OF SOIL CEMENT BANK PROTECTION

LOCATION MAP
Portion of Sections 6, 16 & 17
T=12N, R=24S, 0 & S WM
City of Marana, Pima County, Arizona
Scale: 1"=100'
Call 811 or click Arizona811.com Contact Arizona 811 at least two full working days before you begin excavation. The contractor shall notify Pima County of the location and type of excavation and the approximate date and time of the commencement. The contractor shall provide the following information on a timely manner:

1. Right of Way Encroachments shall be removed only by the Order of Pima County, unless otherwise noted.
2. Removal of all grass and native plants shall be in accordance with the provisions of the "Arizona Native Plant Law", ARS Chapter 7, Article 9, Section 1, 641-17, as well as the Pima County Native Plant Preservation Ordinance.
3. The contractor shall comply with all applicable Occupational Safety and Health Administration Regulations, in particular, food and drinking during such work.
4. The contractor shall obtain all permits required by all governmental agencies. Since this project is in the City of Tucson, the contractor will be required to obtain a building permit. Failure to obtain permits from the City of Tucson will result in additional costs to the contractor. Failure to comply with the project limits, plans, or specifications, the contractor shall obtain a separate floodplain permit and/or grading permit from the City of Tucson.
5. Soil information will be made available to prospective buyers and will be provided on an "as-is" basis. It is not to be considered water damage in any event. This information hath been released as accurately as possible by utilizing standard methods. Pima County accepts no responsibility for any conditions encountered by varying from information provided.
6. Contour lines on the grading plan are to be used for contour grading. Specific spot elevations are to be used for fill and grading and construction.
7. The contractor shall preserve all trees on the project site, and for the local level, all measurements of the land in the project site, shall be performed by the engineer at which the existing vegetation is to be preserved. The contractor shall be given a map of the project site prior to grading.
8. Existing vegetation beyond the limits of grading shall be preserved in place. Prior to grading, the contractor shall mark the limits of grading and conduct a field visit with the engineer at which the existing vegetation that is to be preserved in place shall be an agreement and clearly marked. Existing vegetation outside the limits of grading that is damaged by construction activities shall be replaced by the contractor. Any additional expense to the owner shall be reimbursed to the contractor at no additional expense to the owner. Additional vegetation within the grading limits shall be maintained by the contractor and additional vegetation outside the grading limits shall be preserved by the contractor. Where additional vegetation within the grading limits shall be maintained by the contractor and additional vegetation outside the grading limits shall be preserved by the contractor.

General Notes:

All construction and test methods shall be in accordance with the Pima Association of Governments (PAG) Standard Specifications and Drawings, 2010 edition, except as modified by the contract. Utility locations shown on plans were compiled based on record drawings from the Tucson Water Department and the Pima County Regional Water Reclamation Department. Additional system maps were used for the location of underground utilities. The contractor shall use these maps and the contact information provided by Arizona 811 to locate any underground utilities before excavation.

Horizontal Control:

The project utilizes the Arizona Coordinate System 1983 (ACS 83) as described in Appendix H of the contract, and is located in the central zone. The control network was surveyed in May 2018 using precise GPS units utilizing RTK methods and incorporated the following control points:

- Station: PH2 (Pima City, Opp. Ctrl.) * Primary Control Point
- Station: PH3 (Pima City, Opp. Ctrl.)
- Station: NC1 (Pima City, Opp. Ctrl.)
- Station: NC2 (Residential)

Surface coordinates and/or distances were computed from the ACS 83 coordinate system. A project-specific grid was established to ensure a proper grid point and scale factor (CF) at a central point. Coordinate conversions were not required.

Vertical Control:

The vertical datum for this project is the North American Vertical Datum of 1988 (NAVD 88). This datum was used for this project. The Benchmark for this project is:

Station: M140 Reference: Elevation: 2098.93
B 8415 DP143 (Residential) 2098.93

Note: Orthometric heights (elevations) were derived from GPS site-specific data and the application of a high-resolution hybrid grid model. Due Jan.
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Submit a COPE Request to be installed at least 1 month prior to COPE Installation Date.

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**Legend**

- **Call 811 or click Arizona811.com**
- **Liens of Crossing**
- **Post & Cable Peaking - Refer to Sheet 2**
- **Scale in Feet**

**Plan Table**

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