



2/20/24

WHLL Softball – Drainage Plan on Hatley Fields in Rollingwood, Texas  
Scope of work for Hatley Field.

1. The drainage plan for Hatley softball field will be constructed with a 4” non-perforated black ADS (advanced drainage system) pipe. This pipe meets ASTM F667 standard and is made of high density polyethylene (HDPE).

The trench will be approximately 90 feet running on the inside of the softball field. If sprinklers or pipes are affected by the trenching KMI will fix. Upon reaching the point to turn, a “90” ADS fitting will be placed and 10’ section will go outside of the field and connect to the current drainage catch basin outside of the batting cage.

There is currently a PVC pipe that is running underneath the slap from the catch basin that will be cleaned out. The current drainage pipe in place exits on the other side of the batting cage.

In front of the dugout there will be a trench drainage that is concreted into place. The current elevations of the field all flow toward the third base dugout. The trench drain will catch the water before entering the dugout and exit through the above proposed drainage. The trench drain grate is made of hard plastic to prevent rusting and bending and can be walked on by players.

Specifications of the trench drain:

- A. Rated for NDS Class B loads (up to 175 psi) when properly installed-recommended for medium-duty pneumatic tire traffic, autos, and light trucks at speeds less than 20 mph; ADA compliant.
  - B. Spee-D Channel Drains are 4-3/4 in. wide, 3-3/4 in. high, and 10 ft. long.
  - C. Spee-D Channel made of polyvinyl chloride (PVC) using a combination of virgin and recycled content treated with UV inhibitors to prevent fading and cracking. Grates made of high-density polyethylene (HDPE) using a combination of virgin and recycled content treated with UV inhibitors to prevent fading and cracking
  - D. Rated for NDS Class B loads (up to 175 psi) when properly installed-recommended for medium-duty pneumatic tire traffic, autos, and light trucks at speeds less than 20 mph; ADA compliant
2. Slightly moving 2<sup>nd</sup> base to appropriately line up the bases which are currently out of alignment.
3. Add 3 pitching mounds for appropriate age group distances that currently play softball on the fields.

KMI Sports Construction LLC  
Rob Johnson – Owner