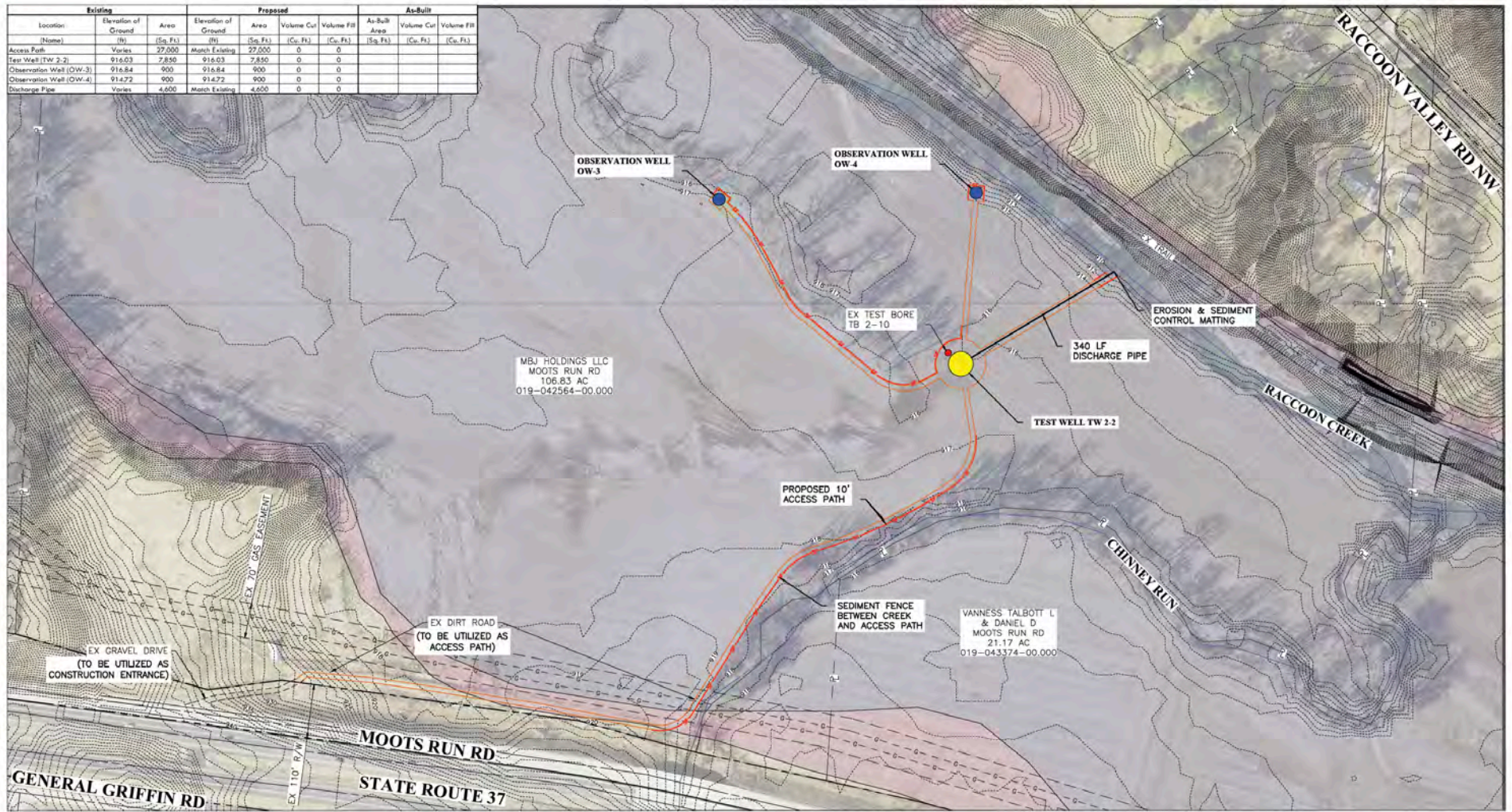


REVISIONS

**EXHIBIT 1  
OVERVIEW  
TEMPORARY AQUIFER TEST WELLS  
PERMIT PLAN ONLY**

DATE	OCTOBER 2023
SCALE	1" = 500'
JOB NO.	20221058
SHEET	1/1

Location (Name)	Existing		Proposed				As-Built		
	Elevation of Ground (ft)	Area (Sq. Ft.)	Elevation of Ground (ft)	Area (Sq. Ft.)	Volume Cut (Cu. Ft.)	Volume Fill (Cu. Ft.)	As-Built Area (Sq. Ft.)	Volume Cut (Cu. Ft.)	Volume Fill (Cu. Ft.)
Access Path	Varies	27,000	Match Existing	27,000	0	0			
Test Well (TW 2-2)	916.03	7,850	916.03	7,850	0	0			
Observation Well (OW-3)	916.84	900	916.84	900	0	0			
Observation Well (OW-4)	914.22	900	914.22	900	0	0			
Discharge Pipe	Varies	4,600	Match Existing	4,600	0	0			



**LEGEND**

- Proposed Sediment Fence
- Limits of Disturbance (0.95 AC)
- FEMA Floodway/Floodplain**
- Regulatory Floodway
- 1% Annual Chance Flood Hazard (100-year Floodplain)
- Waterways
- Parcels

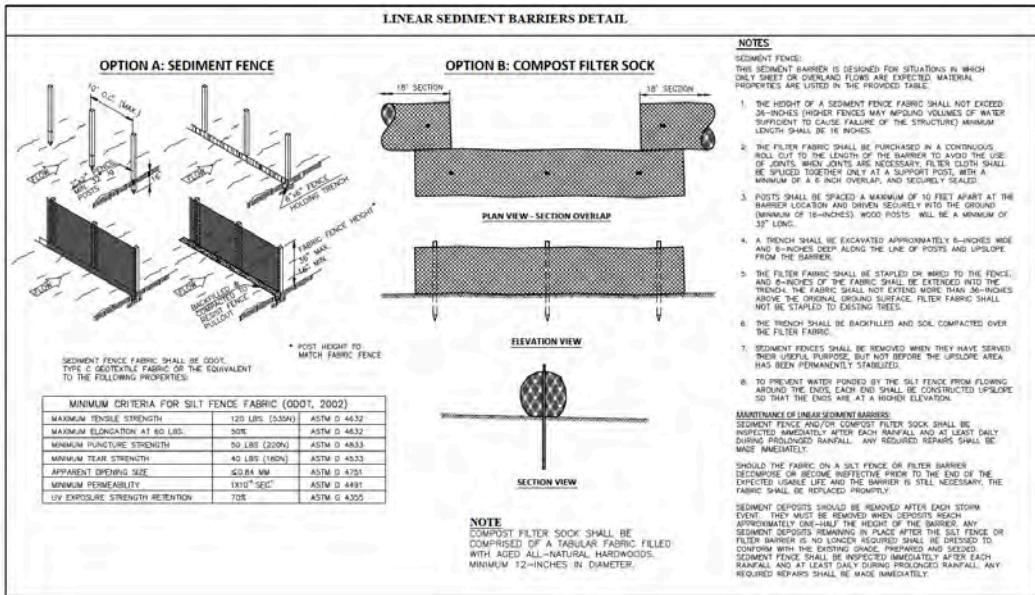
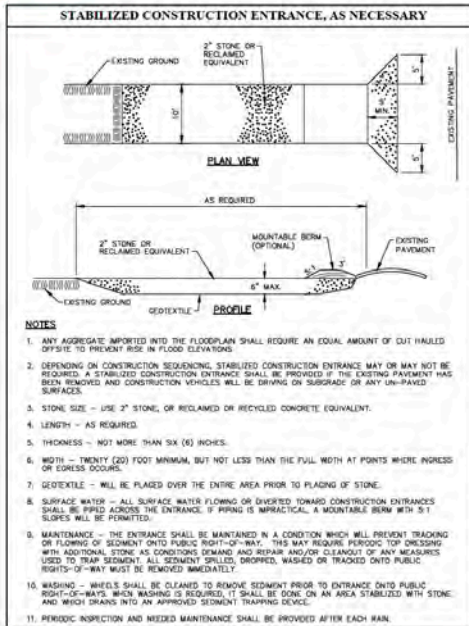


- NOTES**
- If the contractor imports aggregate for construction access drive or other construction stabilization necessary to conduct their work within the floodplain, then the access drive or other areas where aggregate is to be placed shall be excavated to an equal or greater volume than the imported aggregated material. The excavated material shall be hauled off-site and disposed of on land not within a designated floodplain.
  - Contractor shall mobilize equipment during dry weather to minimize impact to existing ground.
  - Clearing of trees/vegetation is not to occur without prior approval from Licking County.
  - Contractor shall maintain erosion and sediment control measures throughout the duration of the testing activities.
  - Contractor shall remove equipment, piping and other ancillary materials to conduct the work from the floodway in the event of a flood. The well shall be capped upon demobilization such that the work can recommence upon return to the site following the flood event. An emergency contact for Licking County to contact the contractor is below:  
Contact: Kevin Cleveland  
Phone: (937) 307-7786
  - Contractor shall submit delivery and haul truck tickets to the engineer for all earth moving activities to verify equal volumes of cut/fill within the floodplain.

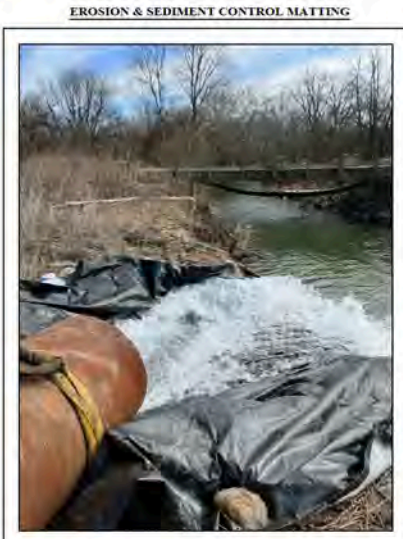
DATE	DESCRIPTION

**EXHIBIT 2  
TEST WELL 2-2 SITE PLAN  
TEMPORARY AQUIFER TEST WELLS  
PERMIT PLAN ONLY**

DATE	OCTOBER 2023
SCALE	1" = 100'
JOB NO.	20221058
SHEET	1/1



Contractor to ensure all well effluent is captured and discharged directly to Raccoon Creek. Contractor to minimize disturbance to surrounding area. Disturbed areas shall be seeded and mulched per ODOT CMS 659.



Contractor to ensure all well effluent is discharged directly into Raccoon Creek. Contractor to use impermeable material to prevent bank erosion where the water is discharged to the channel.

### PROJECT NARRATIVE STATEMENT

Once mobilized, the Contractor will drill a test well and remove spoils from the site, as necessary. The test well will be seen at the surface as a 24-inch pipe that sticks approximately 3' out of the ground. Additionally, two observation wells will be placed around the test well to monitor water levels. The observation well is a 2-inch piezometer sticking approximately 3' out of the ground. Silt fence will be placed where necessary around the site to manage sediment and erosion.

Once the pump is placed on the well and discharge piping is set to route the pumped groundwater to the adjacent Raccoon Creek, the 72-hour pump test will begin.

The schedule for completing the aquifer testing is dependent on when the Floodplain Development Permit is issued by Licking County. Expected durations are summarized below:

1. Contractor Mobilization - 30 days
2. Well Drilling and Screening - 60 days
3. Aquifer Pump Testing - 1 week
4. Site Restoration and Contractor Demobilized - 30 days

FIGURE – FEMA Published Flood Mapping

