

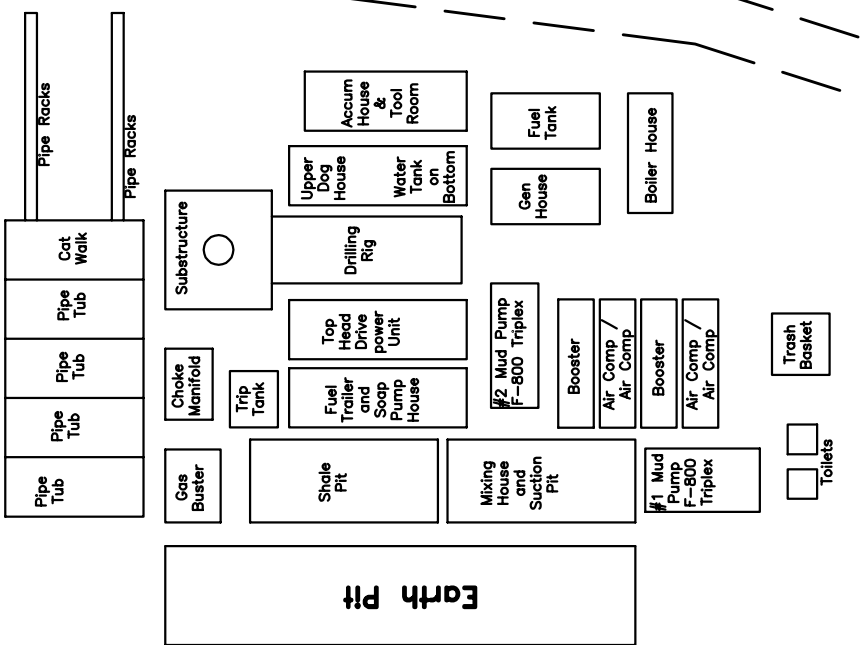
Township Road - Wetmore Run Road

**-LEGEND-**

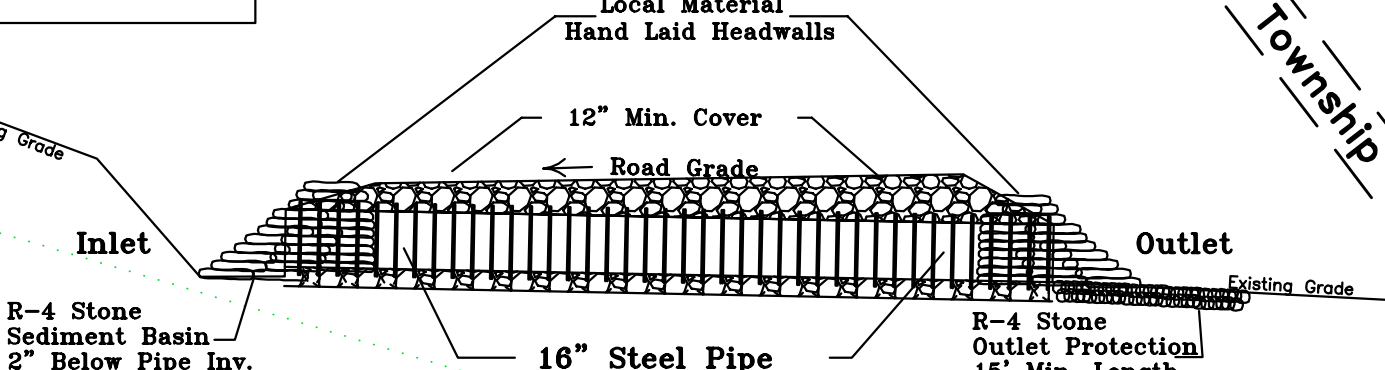
- Well Head
- Property Lines
- Existing Contours
- Proposed Contours
- Siltfence
- Hay Bales
- Waterways
- Waterway Flow Direction
- Soil Survey Symbol
- Soil Boundary

- Soils Information**
- LoB - Lordstown channery loam, 3-12% slopes
  - LoC - Lordstown channery loam, 12-20% slopes
  - LoD - Lordstown channery loam, 20-30% slopes
  - OgC - Oquaga channery loam, 12-20% slopes
  - OgD - Oquaga channery loam, 20-30% slopes
  - OTF - Oquaga & Lordstown soils, very steep

Typical Well Pad Layout  
N.T.S.

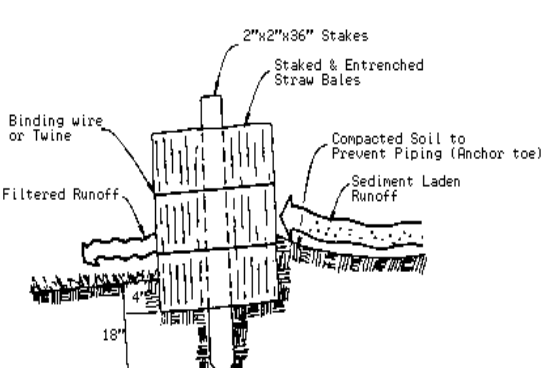


**Typical Culvert Profile**  
Not-To-Scale

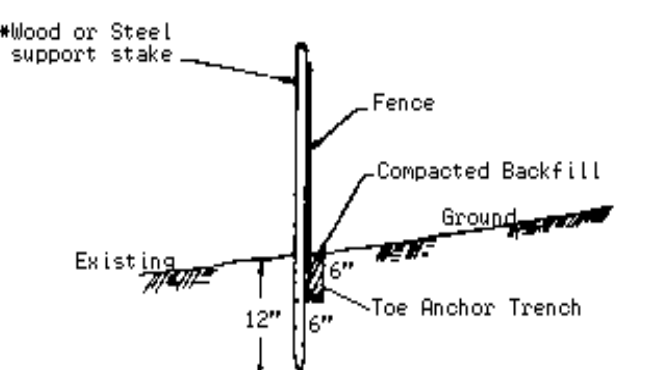


**MAINTENANCE & OPERATIONS GUIDELINES FOR EROSION AND SEDIMENTATION CONTROLS**

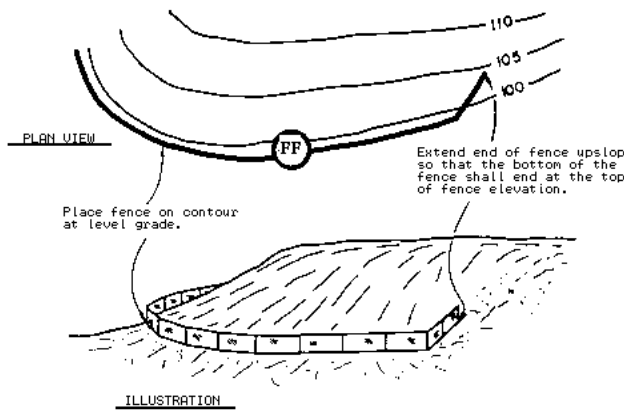
- Temporary: (Contractor)
- 1) All measures implemented under this plan shall be maintained in a manner that insures the intended results.
  - 2) All measures shall be checked, corrected, and adjusted, as necessary. Inspections shall be held on a weekly basis and always after a storm event.
  - 3) Maintenance:
    - a) Accumulated sediment behind sediment barriers shall be removed when the level reaches



Haybale Installation Details



Siltfence Installation Details



Construction Sequence

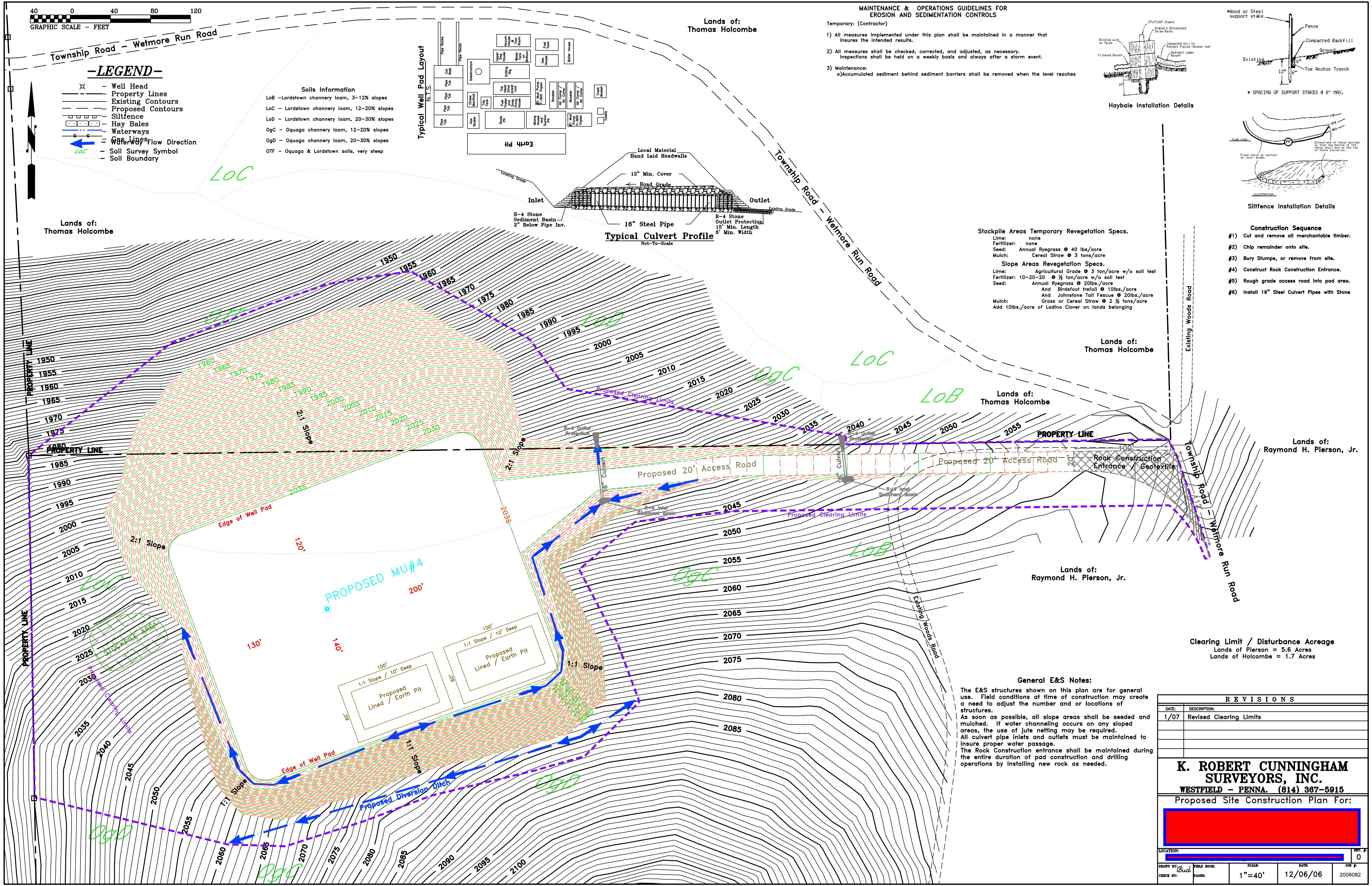
- #1) Cut and remove all merchantable timber.
- #2) Chip remainder onto site.
- #3) Bury Stumps, or remove from site.
- #4) Construct Rock Construction Entrance.
- #5) Rough grade access road into pad area.
- #6) Install 16" Steel Culvert Pipes with Stone

**Stockpile Areas Temporary Revegetation Specs.**

- Lime: none
- Fertilizer: none
- Seed: Annual Ryegrass @ 40 lbs/acre
- Mulch: Cereal Straw @ 3 tons/acre

**Slope Areas Revegetation Specs.**

- Lime: Agricultural Grade @ 3 ton/acre w/o soil test
- Fertilizer: 10-20-20 @ 1/2 ton/acre w/o soil test
- Seed: Annual Ryegrass @ 20lbs./acre  
And Birdsfoot trefoil @ 10lbs./acre
- Mulch: And Johnstone Tall Fescue @ 20lbs./acre  
Grass or Cereal Straw @ 2 1/2 tons/acre  
Add 10lbs./acre of Ladino Clover on lands belonging



**Clearing Limit / Disturbance Acreage**  
Lands of Pierson = 5.6 Acres  
Lands of Holcombe = 1.7 Acres

**General E&S Notes:**

The E&S structures shown on this plan are for general use. Field conditions at time of construction may create a need to adjust the number and or locations of structures. As soon as possible, all slope areas shall be seeded and mulched. If water channelling occurs on any sloped areas, the use of jute netting may be required. All culvert pipe inlets and outlets must be maintained to insure proper water passage. The Rock Construction entrance shall be maintained during the entire duration of pad construction and drilling operations by installing new rock as needed.

REVISIONS	
DATE:	DESCRIPTION:
1/07	Revised Clearing Limits

**K. ROBERT CUNNINGHAM SURVEYORS, INC.**  
WESTFIELD - PENNA. (814) 367-5915  
Proposed Site Construction Plan For:

LOCATION:	SCALE:	DATE:	JOB #:
	1" = 40'	12/06/06	2006082