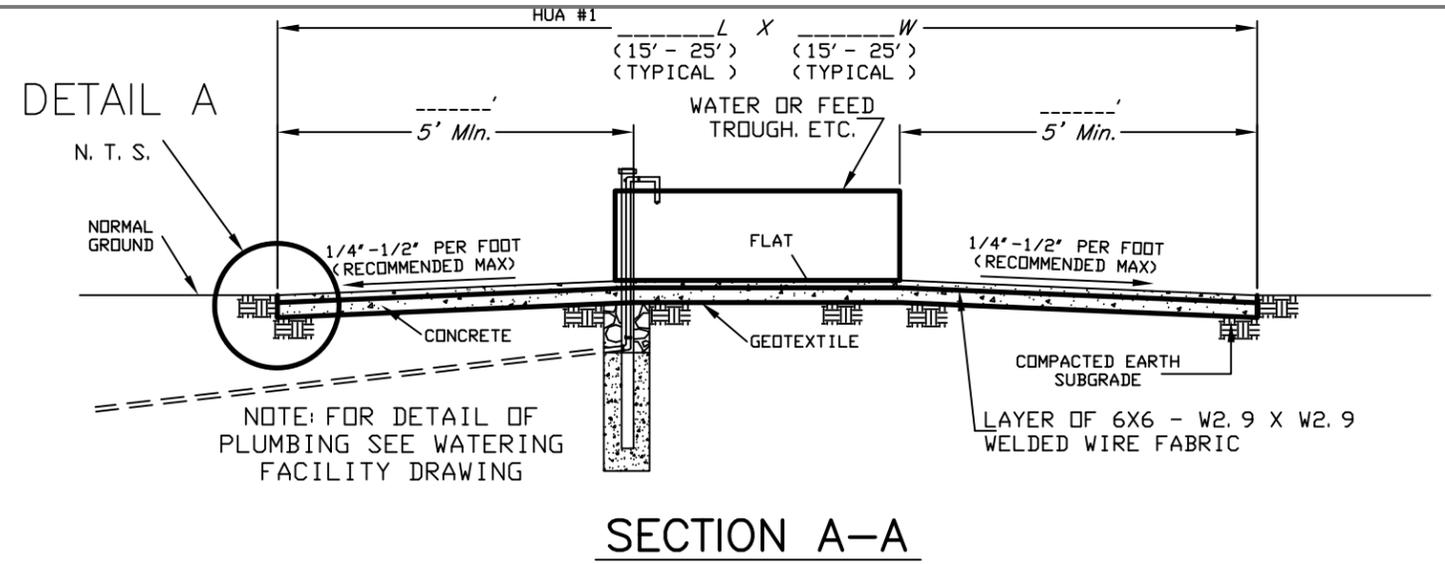
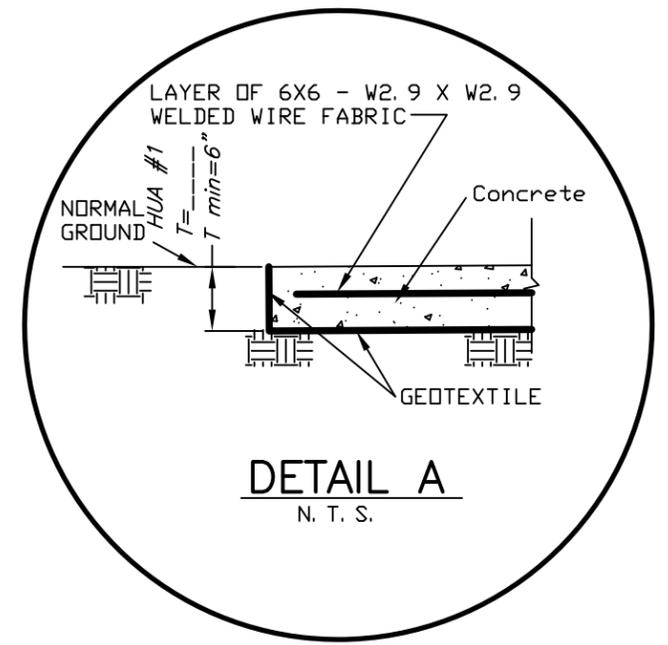


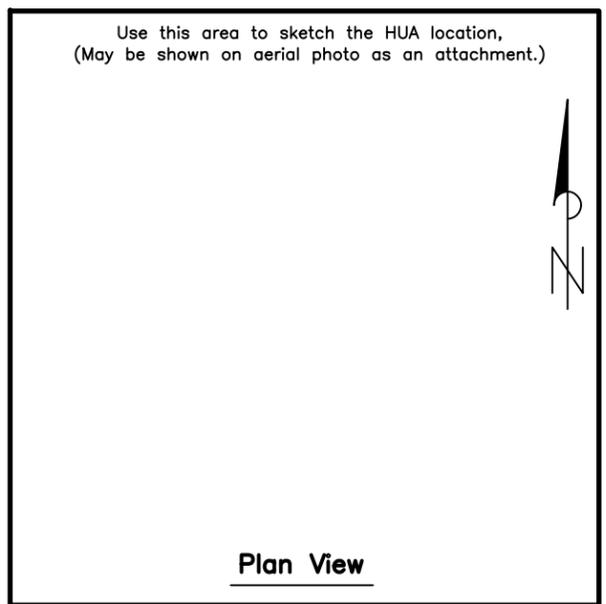
CONCRETE HEAVY USE AREA
PLAN VIEW



SECTION A-A



DETAIL A
N. T. S.



Plan View

- HEAVY USE PROTECTION WITH CONCRETE SURFACING CONSTRUCTION NOTES
1. EARTH BELOW CONCRETE SHALL BE UNIFORMLY GRADED AND COMPACTED A MINIMUM OF 12".
 2. GEOTEXTILE MAY BE WOVEN OR NON-WOVEN AND SHALL COMPLY WITH CONSTRUCTION SPECIFICATION AR-95 GEOTEXTILE.
 3. COMPACTED EARTHFILL SHALL BE PLACED IN ACCORDANCE WITH CONSTRUCTION SPECIFICATION EARTHFILL, AR-23C EARTHFILL - CLASS C COMPACTION WHICH INCLUDES ROUTING THE HAULING AND SPREADING EQUIPMENT SUCH THAT ALL POINTS OF THE FILL ARE TRAVERSED BY AT LEAST ONE TREAD TRACK OF THE LOADED EQUIPMENT TRAVELING PARALLEL TO THE CENTERLINE OF THE FILL.
 4. COMPACTED EARTHFILL SHALL BE ML, CH, CL OR ANY OF THE S OR G GROUPS.
 5. GEOTEXTILE MAY BE EXCLUDED WITH 6 INCH GRAVEL BASE.
 6. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AND MEET CONSTRUCTION SPECIFICATION AR-32 CONCRETE FOR MINOR STRUCTURES.
 7. WHEN CONFIGURATION DIFFERS FROM ABOVE AND SQUARE FOOTAGE EXCEEDS 750 SF, LONGER THAN 26' CONSTRUCTION JOINTS ARE REQUIRED.
 8. SURFACE SHOULD SLOPE AWAY FROM WATER OR FEED TROUGH 1/4"-1/2" PER FOOT AND MAY BE ADJUSTED BY ENGINEER TO FIT THE TOPOGRAPHY AS NEEDED. AVOID SLOPES THAT CAUSE EROSIIVE VELOCITIES.
 9. AREAS THAT SUPPORT A VEHICLE TRAFFIC SHALL BE DESIGNED FOR A WHEEL LOAD OF AT LEAST 4,000 LBS. AND MEET CONSTRUCTION SPECIFICATION AR-31 CONCRETE FOR MAJOR STRUCTURES.
 10. HEAVY USE AREAS SHOULD BE LOCATED ABOVE 25YR-24HR STORM ELEVATION.
 11. HEAVY USE AREAS INSTALL UNDER CONSERVATION PRACTICE STANDARD 614-WATERING FACILITY MUST BE SUBTRACTED FROM HUAS INSTALLED UNDER CONSERVATION PRACTICE 561.

DIMENSIONS & QUANTITIES

	HUA #1 PLANNED	HUA #1 AS-BUILT	HUA #2 PLANNED	HUA #2 AS-BUILT	HUA #3 PLANNED	HUA #3 AS-BUILT
LENGTH						
WIDTH						
THICKNESS						
AREA SF						
CONC. CY						
GEOTEXTILE						

The Following Specifications are incorporated by reference and may be located @ http://www.ar.nrcs.usda.gov/technical/engineering_construction_specs.html

1. AR-23C Earthfill- Class C.
2. AR-32 Concrete for minor structure.
3. AR-95 Geotextile.

This Practice does or does not Meet NRCS Standards & Specification

ARKANSAS ENGINEERING STANDARD DRAWING
 /s/ Walt Delp, SCE
 STANDARD DWG NO. AR-ENG-423-Concrete Surfacing
 DATE 3/11 SHEET 1 OF 2

ADAPTED FROM LOUISIANA S-6-60

(NOT TO SCALE)



Date 03/11
 Designed Wavy Austin
 Drawn R. L. M
 Checked L. J.
 Approved W. D.

CONCRETE HEAVY USE AREA
 TYPICAL DRAWING

Project Name _____ Farm# _____
 Landowner _____ Tract# _____
 County _____ Arkansas



File No. AR-ENG-423
 CHUA Concrete.dwg
 Drawing No. Concrete Heavy Use Area
 Sheet 1 of 2

NRCS Representative _____
 COMMENTS: _____
 DATE: _____

