

SAFETY REGULATIONS

ALL EXCAVATION AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MARYLAND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (MOSHA) STANDARDS AS SET FORTH IN THE LATEST VERSION OF THE CODE OF MARYLAND REGULATIONS

THERE WILL BE NO CHANGES IN SPECIFICATION, DIMENSIONS, OR MATERIALS UNLESS APPROVED BY THE ENGINEER RESPONSIBLE FOR THIS DRAWING.

THE DRAWINGS ARE PREPARED COOPERATIVELY BY THE NATURAL RESOURCE CONSERVATION SERVICE FOR THE NAMED LANDOWNER. CONSTRUCTION FOUND NOT IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS SHALL VIOLATE THE COOPERATIVE AGREEMENT AND ALL DRAWINGS, SPECIFICATIONS, AND QUANTITIES ESTIMATE SHALL IMMEDIATELY BE RETURNED TO THE LOCAL NRCS OFFICE.

LANDOWNER

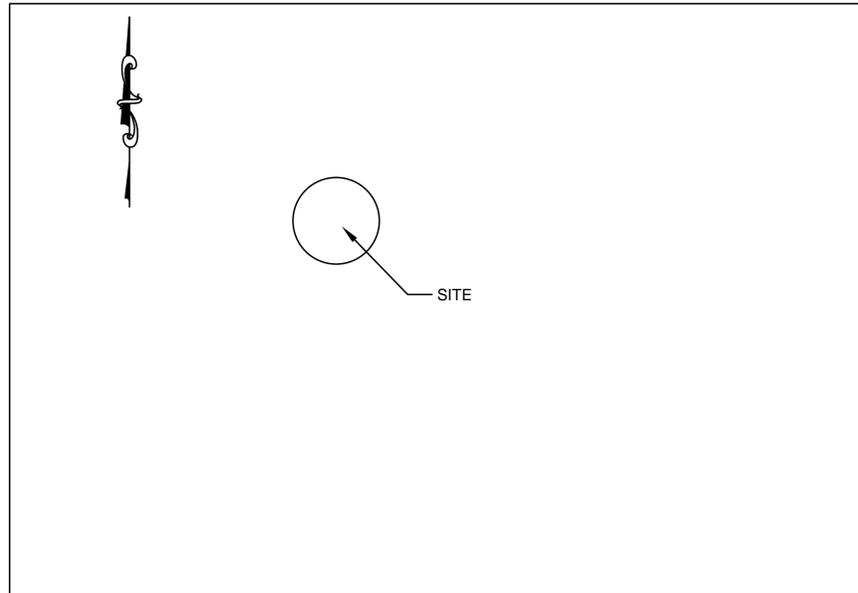
561 - HEAVY USE AREA

(DISTRICT SOIL CONSERVATION DISTRICT)

AS-BUILT STATEMENT			
PROJECT MEETS NRCS STANDARDS AND SPECIFICATIONS			
INSPECTED BY	SIGNATURE _____	DATE _____	
CONSTRUCTION APPROVAL	SIGNATURE _____	DATE _____	
VERIFIED DISTRICT CONSERVATIONIST	SIGNATURE _____	DATE _____	

GENERAL NOTES:

- PLEASE CONTACT THE DISTRICT SOIL CONSERVATION DISTRICT AT LEAST 3 DAYS PRIOR TO CONSTRUCTION TO ARRANGE A PRE-CONSTRUCTION MEETING @ PHONE #
- A CONSERVATION TECHNICIAN SHALL VERIFY CUT/GRADE STAKES AT THE CONTRACTORS REQUEST



VICINITY MAP
N.T.S.

OWNER/CONTRACTOR STATEMENT

I CERTIFY THAT THIS DESIGN HAS BEEN EXPLAINED TO ME BY A REPRESENTATIVE OF THE _____ DISTRICT _____ SOIL CONSERVATION DISTRICT, AND I UNDERSTAND THE CONTENTS, ALL CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND SPECIFICATIONS, I FURTHER UNDERSTAND THAT ALL CONSTRUCTION WILL BE UNDER THE INSPECTION OF THIS OFFICE.

OWNER'S SIGNATURE _____ DATE _____

CONTRACTOR'S SIGNATURE _____ DATE _____

DESIGN NOTE:

A site-specific design, in addition to the pre-qualified drawing is required. The site-specific design shall include a location map, plan view, dimensions, soil conditions, high water table, drainage components, and construction specifications needed to complete the project.

CONSTRUCTION NOTIFICATION

The Contractor/Owner is to notify the _____ DISTRICT _____ SOIL CONSERVATION DISTRICT at least 72 hours prior to construction to facilitate any scheduling, layout, or preliminary mobilization necessary to ensure proper construction inspection to enable appropriate certification of the project.

It is the Landowner's responsibility to obtain all County, State, and Federal permits that may be needed, and to maintain this structure and related regulations.

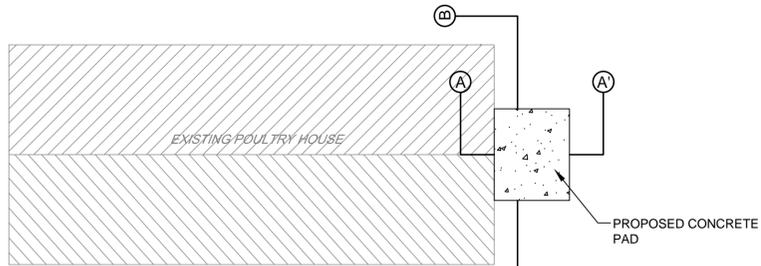
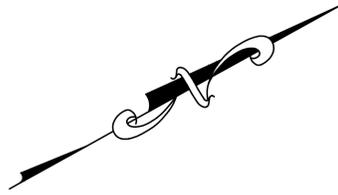


**Know what's below.
Call before you dig.**

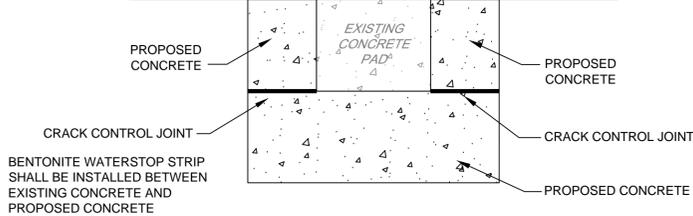
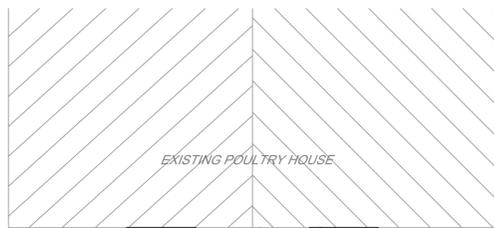
The Soil Conservation District makes no representation as to the existence or Non-existence of any utilities at the construction site. Shown on these construction drawings are those utilities which have been identified. It is the responsibility of the landowners or operators and contractors to assure themselves that no hazard exists or damage will occur to utilities

MATERIALS LIST

MM/YY		Date _____	Class _____
Designed	Drawn	Checked	
LANDOWNER 561 - HEAVY USE AREA (POULTRY HOUSE CONCRETE PAD) TRACT City, Maryland Maryland Department of Agriculture District Soil Conservation District			
United States Department of Agriculture		Natural Resources Conservation Service	
REVISIONS	Description	Date	Approved
File No. *.DWG			
Sheet 1 of 2			



**PLAN VIEW
NOT TO SCALE**

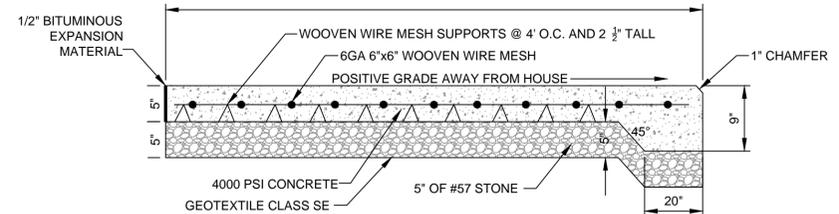


**PLAN VIEW - PAD EXPANSION
NOT TO SCALE**

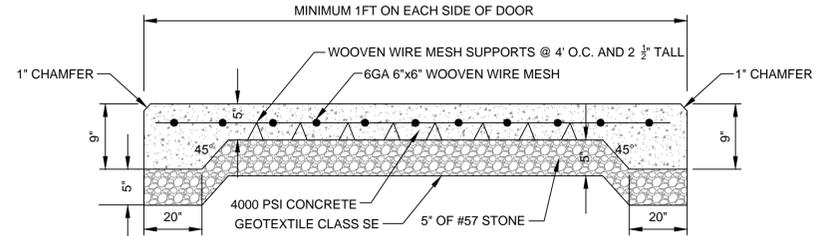
**CONCRETE CONSTRUCTION SPECIFICATIONS
FLAT WORK ONLY
Revised 4/14**

- All materials and construction shall be in accordance with applicable NRCS Practice Standards and ACI-318.
- Any changes in the plans or specifications must be approved by the design approver prior to being made. Changes are to be reviewed by the landowner for concurrence.
- Concrete shall have Type IA or IIA cement, 28-day compressive strength of 4,000 psi, 5% air entrainment and a slump of 3 to 5 inches. Air entrainment admixtures shall conform to ASTM C260.
- Reinforcing steel shall conform to ASTM A615, Grade 60 steel. All reinforcing material shall be free of dirt, loose rust, scale, oil, paint or other coatings. The steel shall be accurately placed into position, as shown on the plans, and securely restrained and blocked into position prior to placement of concrete. Insertion of steel into fresh concrete is not permitted. Reinforcement steel shall have a minimum of 2 inches of concrete cover against all forms and 3 inches against soil, unless otherwise shown on the plans. All other reinforcement steel splices shall overlap a minimum of 18 inches. Welded wire mesh shall conform to ASTM A1064 and overlap a minimum of 6 inches. The welding of reinforcing steel is not permitted.
- Waterstop will be used as shown on the plans and at all cold and construction joints. The type of waterstop will be approved by the field technician prior to use.
- Plasticizing or plasticizing and retarding admixtures may be used and shall conform to ASTM C1017 or ASTM C494 Types F or G.
- Concrete shall be delivered to the site and discharged completely into the forms within 90 minutes after the truck leaves the plant. This time shall be reduced to 45 minutes when the atmospheric temperature is over 90° F. The concrete shall be maintained at a temperature below 90° F during mixing, conveying and placement. Set retarding admixtures may be used to increase mixing time. Water reducing and/or retarding admixtures shall conform to ASTM C494 Types A, B, D, F or G.
- Concrete shall not be placed when the daily minimum atmospheric temperature is less than 40° F unless facilities are provided to prevent the concrete from freezing. The concrete shall be protected from freezing for a minimum of 7 days or the concrete shall be kept at a temperature of 55° F for a minimum of 3 days. Accelerating or water-reducing and accelerating admixtures shall be noncorrosive and conform to the requirements of ASTM C494, Types C and E. Cold weather concreting procedures shall conform to ACI-306.
- Concrete shall be kept continuously moist for the curing period after the placement of the concrete. Moisture may be applied by spraying or sprinkling as necessary to prevent the concrete from drying. Concrete shall not be exposed to freezing during the curing period. Curing compounds may be used in lieu of the application of moisture. Curing compounds shall conform to ASTM C309, type 2.
- Concrete surfaces shall be screeded, floated, troweled and broom finished unless otherwise approved.
- Defective concrete, honeycombed areas, voids left by the removal of tie rods, ridges on all concrete surfaces permanently exposed to view or exposed to water, shall be repaired immediately after the removal of forms. All voids shall be reamed and completely filled with quickset, non-shrink hydraulic cement.

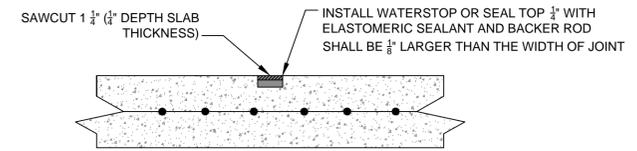
PLAN VIEW



**SECTION A - A'
NOT TO SCALE**



**SECTION B - B'
NOT TO SCALE**



**CRACK CONTROL DETAIL
NOT TO SCALE**

CONSTRUCTION NOTES

- Before construction begins, contact the local Soil Conservation District Office for a preconstruction meeting.
- All materials and construction shall be in accordance with applicable NRCS standards and construction specifications.
- Any changes in the plans or specifications must be approved by the engineer prior to being made. Changes are to be reviewed by the landowner for concurrence.
- Install sediment and erosion control measures around the construction site.
- Excavate for concrete pad and sub-base. Note that the field technician will determine site conditions prior to design approval. If the sub-grade conditions are determined to be soft or poorly drained, then use 5 inches of MSHA #57 stone or equal and a MSHA Class SE geotextile for sub-grade stabilization. If the sub-grade is determined to be firm and well drained then the sub-base and geotextile requirement may be eliminated.
- If constructing the concrete pad around an existing concrete pad, install a bentonite waterstop strip around the perimeter of the existing pad and construct a crack control joint as shown in the detail. If the existing concrete pad is determined not to be durable then remove it and pour the new pad in its place. All outside edges of the pad shall be formed.
- Place a 6 inch wide by 1/2 inch thick bituminous expansion strip between the building and the pad.
- Create a non-slip texture to the surface of the pad by brooming the finish.
- Construct a 20 foot wide grass filter strip between the concrete pad and the top of the bank of any watercourse. The grass filter strip does not need to be located directly adjacent to the pad.

LANDOWNER TRACT		PRACTICE(S)					
TOTAL AREA	AREA 1	AREA 2	AREA 3				
MATERIALS/RATE	AMOUNT PLANNED	AMOUNT APPLIED	AMOUNT PLANNED	AMOUNT APPLIED	AMOUNT PLANNED	AMOUNT APPLIED	
FERTILIZER 10-20-20 500LBS/AC							
LIME - 2TONS/AC DOLOMITIC							
SEED MIXTURE (SEE BELOW)							
MULCH 2 TONS/AC							
ENTER KINDS AND AMOUNT OF SEED BELOW			NOTE: INOCULATE ALL LEGUMES				
AREA 1 NRCS SEED MIX #	AREA 2 NRCS SEED MIX #	AREA 3 NRCS SEED MIX #					
SITE PREPARATION AND OTHER PERTINENT INFORMATION: DISK ALL DISTURBED AREAS TO A DEPTH OF 4-6" CULTIPACK AFTER SEEDING			SEEDING DATES SPRING: FALL:				
PLAN APPROVED BY:			CHECKED FOR TECHNICAL COMPLIANCE BY:				
TITLE	DATE	TITLE	DATE				
USDA UNITED STATES DEPARTMENT OF AGRICULTURE NATIONAL RESOURCES CONSERVATION SERVICE MARYLAND			SEEDING		DRAWING NO. S-1.0 ISSUE DATE: 7/2014		

MM/YY	Designed
	Drawn
	Checked

LANDOWNER
561 - HEAVY USE AREA (POULTRY HOUSE CONCRETE PAD)
TRACT
City, Maryland

United States Department of Agriculture
USDA
Natural Resources Conservation Service

REVISIONS	Approved
Date	Description

File No. *DWG

Approved _____ Date _____
Title _____ Job Class _____
Maryland Department of Agriculture
District Soil Conservation District