

EROSION CONTROL LEGEND

12SS

HaB

COMPOSTED SILT SOCK
(SIZE AS INDICATED)

RCE-1

ROCK CONSTRUCTION ENTRANCE

IP

FILTER BAG INLET PROTECTION

LOD

LIMITS OF DISTURBANCE

SP-1

SOIL STOCKPILE

CW

CONCRETE WASHOUT

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(SIZE AS INDICATED)

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EROSION and SEDIMENTATION CONTROL CONSTRUCTION SEQUENCE

EROSION CONTROL - STAGE A

Stage A controls are those controls needing installed initially, prior to site demolition, mass earthwork clearing and grading operations.

- A-1) Following the demolition and removal of the existing garage structure and its slab floor, construct the Rock Construction Entrance RCE-1 within the footprint area of the removed garage.
- A-2) Field mark and flag the Limits of Disturbance. At no time shall construction vehicles be allowed to enter areas outside the limit of disturbance boundaries shown on the plan maps. These areas must be clearly marked before any clearing and grubbing operations begin.
- A-3) Clear and grub only where necessary to install Compost Filter Socks. Install Compost Filter Socks as per locations shown on the E&SC plan and as per Standard Construction Detail #4-1.
- A-4) Clear and grub only where necessary, to install and construct Topsoil Stockpile Area.
- A-5) Once all items shown in the "Stage A" section of the plan are installed and functioning, continue to "Stage B" construction.

EROSION CONTROL - STAGE B

Do not start Stage B work until all components of Stage A are in place and functioning.

- B-1) At active work areas, remove on-site topsoil from areas to be graded and haul to topsoil and spoils stockpile area. Stockpile heights shall not exceed 35 feet. Stockpile slopes shall be 2H: 1V or flatter. Once site project topsoil stripping operations are completed, surface the topsoil stockpile with temporary seeding PennDOT Formula E seed mix, straw mulch and anchored netting.
- B-2) Perform site grading operations and grade the site according to plan. All earthen fills shall be placed in compacted layers not to exceed 8 inches in thickness. No more than 15,000 square feet of disturbed area may reach final grade before initiating surface treating with temporary seeding and mulching, or placement of geotechnical fabric and aggregate. Upon reaching subgrade elevations for pavement and building areas, install geotextile and aggregate as specified in the pavement detail and building slab detail. All parking lot perimeter finished grading shall be surfaced with bark mulching, with a minimum depth of 3 inches.
- B-3) Install concrete washout(s) as located on the plan. The washouts will be used for the cleaning of chutes, mixers, and hoppers of the concrete delivery vehicles unless such a facility will be used at the source of the concrete. Washout facilities cannot be placed within 50 feet of storm drains. Under no circumstances may wash water from these vehicles be allowed to enter any surface waters or storm sewer inlets. The concrete washout shall remain in place until all activity involved concrete pouring and/or forming is completed, upon decommission of site, bury or landfill all waste concrete.
- B-4) Concurrently with the above sequences B-2, excavate and install utilities. All utilities shall be installed from downstream-to-upstream direction.
- B-5) As storm sewer system is installed, Install inlet protection in new Inlets as per the Standard Construction Detail #4-16.
- B-6) Excavate and install the SWM underground detention system. Refer to Site Plan SWM details for details. During construction and until surfaced, install 8" diameter perimeter silt-sock, to prevent sediment entry into the excavation.
- B-7) Complete paving operations when warranted.
- B-8) Upon roadway paving and establishment of a uniform 70% perennial vegetative cover over all of the disturbed areas (cut and fill slopes shall be capable of resisting failure due to slumping, sliding, or other movements), decommission the Erosion Controls. Remove remaining temporary controls, including rock entrances and inlet protections. Compost filter socks may be cut open, the compost spread on site and socks disposed of properly.

DATE	BY	REVISION

STAGE - B

EROSION CONTROL PLAN

MUNICIPAL STORAGE GARAGE

SITUATE IN
SHIREMANSTOWN BOROUGH,
CUMBERLAND Co., PENNSYLVANIA

MADE FOR
SHIREMANSTOWN BOROUGH

GIBSON - THOMAS ENGINEERING CO.

9951 OLD PERRY HIGHWAY
WEXFORD, PA 15090

PH: 724 - 935 - 8188
FAX: 724 - 935 - 8189

SITE OWNER: SHIREMANSTOWN BORO
TAX MAP: 37-23-0555-154EX

PROPERTY AREA = 3.86 Ac.
DISTURBED AREA = 42,800 sf = 0.98 Ac.

PA CODE CHAPTER 93 CLASSIFICATION
UNNAMED TRIBUTARY TO CEDAR RUN (CWF)
(PROJECT SITE DISCHARGES INTO MS-4 STORM SEWER SYSTEM)

DATE	02-26-2024	SCALE	1" = 20'
FILE NUMBER	15609.655		
DRAWS BY	PDP	CHECKED BY	JAD
DRAWING NO.	C-6		