



- GENERAL NOTES:**
- CONSULT SHEET WC-GS-002 FOR VERTICAL DATUM RELATING TO INVERTS AND RIM ELEVATIONS OF EXISTING CATCH BASINS, STORM PIPES, STORM MANHOLES, SEWER MANHOLES, WATER MANHOLES, AND OTHER SUCH STRUCTURES.
 - ALL VERTICAL DATUM BASED ON NGVD 1929.
 - EXISTING SITE SHOWN ON THIS SHEET IS BASED ON THE EXISTING SURVEY, AS SHOWN ON SHEET WC-GS-002, WITH ADDITIONAL INCORPORATION OF DATA FROM THE PHASE II PROJECT PLANS "CLC ADDITIONS AND ALTERATIONS-PHASE II" PLAN SET, PREPARED BY NADASKAY KOFELSON ARCHITECTS, "SITE, UTILITY & GRADING PLAN", DATED 6/15/2011 AND ALSO INCORPORATES THE FINISHED (DESIGNED) SURFACE THAT WILL BE PRESENT AT THE END OF THE PHASE III CONSTRUCTION PERIOD (BUILDING WING ADDITIONS "C" & "D").
 - CONTRACTOR TO VERIFY ALL ELEVATION AND LOCATION DATA OF ALL UTILITIES, STORM WATER, SANITARY SEWER AND OTHER SUCH SYSTEMS BEFORE THE BEGINNING OF ANY CONSTRUCTION ACTIVITIES.

- DETENTION POND NOTES**
- FILL NEEDED TO CONSTRUCT POND SHALL BE SUPPLIED FROM THE CUT REQUIRED FOR POND, PLUS THE FILL OBTAINED FROM PHASE 3 CONSTRUCTION OF BUILDING 135 "CLC ALTERATIONS AND ADDITIONS" GARDING FOR THE NORTH HILL, WESTERN SWALE ALONG BLDG 135 AND THE RENOVATION TO THE EXISTING STORM WATER POND.
 - CONSTRUCTION OF STORMWATER DETENTION POND SHALL TAKE PLACE UPON COMPLETION OF THE PHASE 3 CONSTRUCTION FOR BLDG 135 CLC ADDITIONS AND ALTERATIONS. OR AT SUCH POINT WHERE THE VA HAS GIVEN PERMISSION FOR CONSTRUCTION TO BEGIN AFTER THE FILL FROM THE BUILDING 135 PHASE 3 CONSTRUCTION BECOMES AVAILABLE FOR USE.

LEGEND

EXISTING FEATURES

- Sanitary Manhole
- Storm Inlet
- Fire Hydrant
- Water Valve
- Utility Pole
- Sign
- Light Pole
- Sanitary Sewer
- Storm Water Pipe
- Underground Water Line
- Fence Line
- Contour - Minor
- Contour - Major

PROPOSED FEATURES (PHASE III CONSTRUCTION)

- Contour - Major
- Contour - Minor
- Storm Water Pipe
- Drainage Manhole
- Catch Basin
- Fence Line
- Underground Water Line
- Silt Fence
- Proposed Spot Elevations

- KEYED NOTES**
- PORTION OF EXISTING 24" RCP TO BE EXCAVATED AND REMOVED. UPON APPROVAL OF THE ENGINEER, CONTRACTOR MAY REUSE PIPING IF ABLE TO ELESWHERE ON THIS PROJECT, AND SHALL ISSUE A CREDIT FOR SAME TO THE VA.
 - INSTALL TEMPORARY 24" RCP PIPE CONDUIT FROM 24" OUTLET OF POND #1 LOCATED INSIDE POND #2 TO TEMPORARY 24" ORIFICE OF POND #2 OUTLET STRUCTURE. TEMPORARY RCP PIPING SHALL BE KEPT SECURELY IN PLACE BY MEANS OF GRAVEL BERMS WITH A MAX SLOPE OF 2H:1V WITH A MINIMUM HEIGHT OF 1/2 PIPE DIAMETER ALONG BOTH SIDES OF PIPE FOR THE ENTIRE PIPE LENGTH.
 - IF EXISTING AT TIME OF CONSTRUCTION, PORTION OF 4" HIGH CHAIN LINK FENCING TO BE REMOVED AND PROPERLY DISCARDED.
 - IF EXISTING AT TIME OF CONSTRUCTION, PORTION OF 4" HIGH CHAIN LINK FENCE TO BE REMOVED AND REPLACED WITH 10' CHAIN LINK FENCING. IF NO FENCING EXISTS IN THIS AREA, INSTALL 10' HIGH CHAIN LINK FENCING. SEE DETAIL 7/WC-GS-901 FOR FURTHER INFORMATION.
 - 10' HIGH CHAIN LINK FENCING. SEE DETAIL 7/WC-GS-901 FOR FURTHER INFORMATION.
 - 12' WIDE x 10' HIGH CHAIN LINK DOUBLE-LEAF GATE. SEE DETAIL 7/WC-GS-901 FOR FURTHER INFORMATION.
 - 6' WIDE RIP-RAP SWALE. SEE 14/WC-GS-902 FOR FURTHER INFORMATION.
 - 6' WIDE EMERGENCY SPILLWAY OPENING IN POND BERM. SEE DETAIL 13/WC-GS-902 FOR FURTHER INFORMATION.
 - 4" DIA RIP-RAP OUTLET PROTECTION. SEE 7/WC-GS-902 FOR FURTHER INFORMATION.
 - UPON COMPLETION & STABILIZATION OF POND #2, REMOVE TEMPORARY 24" RCP STORM PIPE INSTALLED IN KEY NOTE #2 AND INSTALL FLARED END SECTION WITH INVERT OF 300.00 TO END OF EXISTING RCP STORM PIPE TO REMAIN, AND INSTALL 6" DIA RIP RAP APRON 30' LONG, 18' WIDE AT APRON END, WITH BEGINNING WIDTH OF 3X PIPE DIAMETER. SEE 7/WC-GS-902 FOR MORE INFORMATION.

CONSULTANTS:		ENGINEERS:		100% CONSTRUCTION DOCUMENTS	
MARK D. FELLENER, P.E.		FELLENER III ENGINEERING LLP		Project Title WEST CAMPUS: STORM WATER IMPROVEMENTS	
2 SOMERSET SOIL CONS. DIST. APPROVAL 03/08/13		FE PROJECT #: 11-348		Project Number 561A4-12-108	
1 SOMERSET CNTY STORM WATER REVIEW 02/20/13		22 Mulberry St., Suite 2A, Middletown, NY 10940		Building Number WEST CAMPUS	
REV. REVISION DESCRIPTION DATE		181 Church St., Suite 100, Poughkeepsie, NY 12601		Drawing Number WC-GS-101	
		1 845-343-1481 fx 845-343-4986		Location V.A.M.C. LYONS, NJ	
		UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF STATE EDUCATION LAW.		Date 08/01/12	
		NJ PROFESSIONAL ENGINEER NO. 24GE04661500		Checked MDP	
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				Dwg. 6 of 10	

Office of Construction and Facilities Management
Department of Veterans Affairs