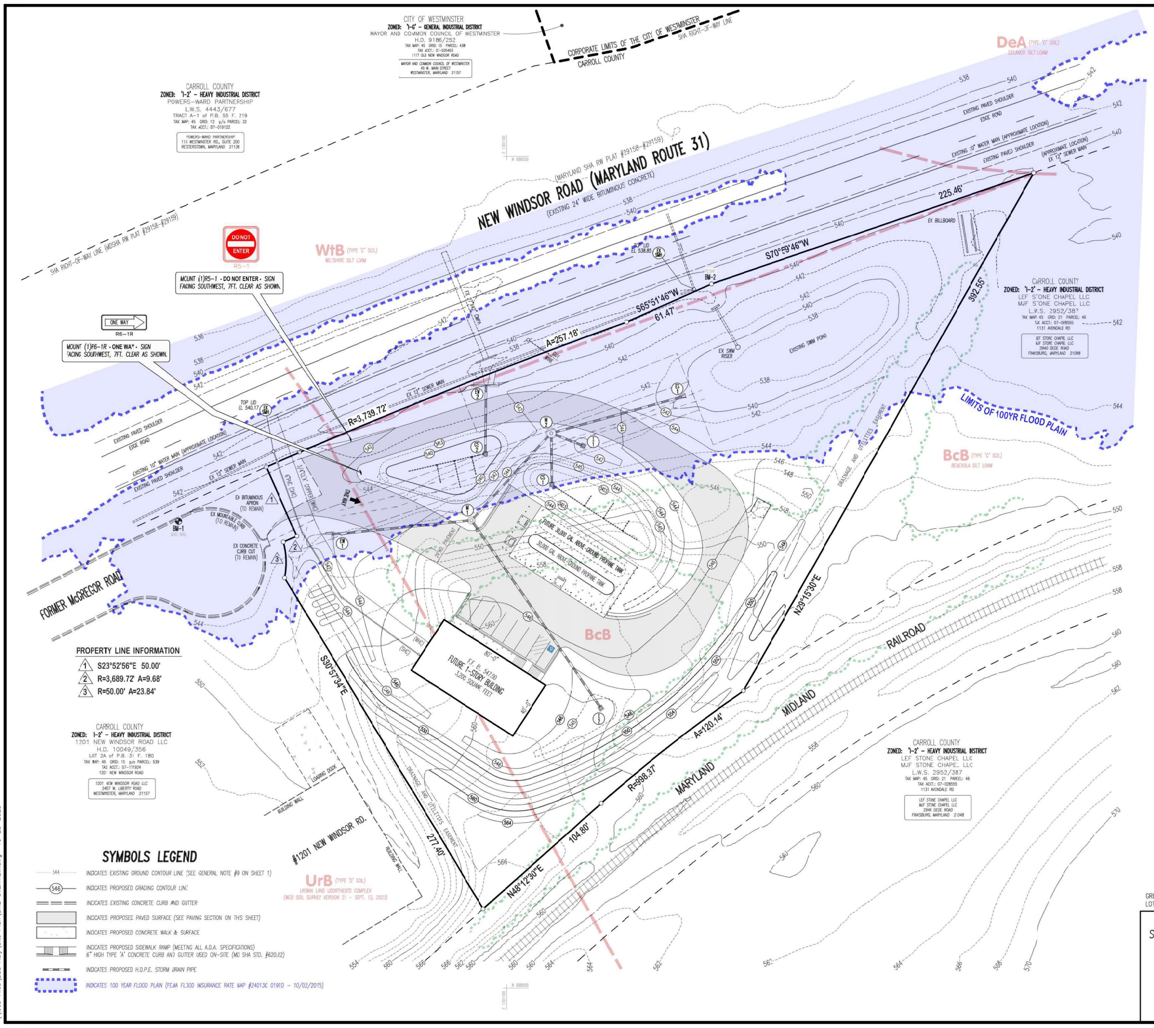

1-1/2" HOT MIX ASPHALT SURFACE – 9.5MM SUPERPAVE FOR SURFACE (0.3 TO 3 MILLION ESAL) – LEVEL 2 (PG 64-22)
3" HOT MIX ASPHALT BASE – 19MM SUPERPAVE FOR BASE (0.3 TO 3 MILLION ESAL) – LEVEL 2 (PG 64-22)
6" GRADED AGGREGATE BASE (GAB)

*** HEAVY DUTY * BITUMINOUS CONCRETE PAVING SECTION**

NOT TO SCALE

REQUIRED SEQUENCE OF CONSTRUCTION:

1.) Contact the Carroll County Department of Public Works at (410) 386-2400at least three working days prior to commencing any work, to schedule a pre-construction meeting and inspections. Contact the Engineer at (410) 876-1225 to arrange for stormwater management inspection. Contact the Geo-Technical Engineer to arrange for compaction inspection and testing of soils. Contact MD SHA District 7 Office at (310) 624-8151 to arrange for inspection of all work in the SHA right-of-way.
2.) Upon approval from the Grading Inspector, clear and grub for perimeter sediment control devices and install the Stabilized Construction Entrance, the Earth Dike, and the Super Silt Fence as depicted on the Sediment Control Plan. Upon approval of the sediment control inspector, clear and grub the remainder of the site.
3.) Beginning at ES-1 install the storm drain network from the outfall at ES-1 to the intake Endwall EW-1. At Manholes M-1 and M-2 temporarily plug the holes for other structures at this time by constructing temporary bulkheads. Trench backfill material shall be clean and free of organic material or excessive rock and shall be placed in 8 inch lifts, and compacted to a dry density of 95 percent, as measured by the ASHTO Method T-99. Using the Grading Detail provided in the Inset on Sheet #4, divert clean water runoff from the existing curb cut and from the existing swale on the adjoining lot to Endwall EW-1. Stabilize these graded channels with topsoil and sod in accordance with sodding specifications. Install temporary silt fence as depicted on Sheet #4 and stabilize disturbed areas outside of the silt fence with topsoil seed and mulch.
4.) Strip topsoil and stockpile in the location depicted on plan. Stabilize any stockpiled soil in accordance with temporary seeding specifications. Grade site to lines and grades depicted on the plan and remove excess borrow material by hauling it off site. Construct waterway along the southern property lines and stabilize in accordance with plan specifications.
5.) Construct Endwall EW-2 and storm drain pipe leading to Control Structure CS-1. Backfill material for the outfall pipe and any fill to create embankments shall conform to Unified Soil Class GC, SD, SM, MH, ML, CH, or CL impervious soils and shall be compacted in 8 inch lifts to a dry density of 95 percent as measured by AASHTO Method T-99. Install Control Structure CS-1 but do **not** install the underdrain pipe, stone bedding or filter media at this time. Construct a bulkhead for the underdrain pipe and then grade around CS-1, but do not excavate lower than an elevation of 480.00. Install temporary inlet protection per Detail E-9-1, around CS-1, as depicted on the plan.
6.) Similarly, install the storm drain piping from Manhole M-2 to Inlet I-1 and to Control Strucure CS-2. Backfill material for the outfall pipe from CS-2 and any fill to form embankments shall conform to Unified Soil Class GC, SD, SM, MH, ML, CH, or CL impervious soils and shall be compacted in 8 inch lifts to a dry density of 95 percent as measured by AASHTO Method T-99. Install Control Structure CS-2 but do not install the underdrain pipe, stone bedding or filter media at this time. Construct a bulkhead for the underdrain pipe and then grade around CS-2, but do not excavate lower than an elevation of 481.50. Install temporary inlet protection per Detail E-9-1, as depicted on the plan.
7.) Level off the building pad and grade access road, and concrete slab for tanks. The Building itself will be constructed in the future and is designated as Phase 2 Construction. The plan is to provide a building pad for this future construction.
8.) Install Concrete Curb and gutter as depicted on the plan. Form and cast the concrete slab for the tanks and install stone pavement base for the access roadways as depicted on the plans.
9.) Grade and install the water quality swales, following the details, specification and Required Sequence of Construction for the Water Quality Swale, depicted on this plan. Contact the Engineer for field verification of grades of swales. Upon Engineer's approval, install soil stabilization matting and stabilize swale with topsoil, seed and mulch. Install roof downspouts to 1500 gallon sedimentation tank
10.) Pave parking lot and service road. Fine grade all pervious areas, add topsoil and stabilize in accordance with permanent seeding specifications .
11.) Once a healthy 2 inch stand of grass has taken hold over the site, and upon approval of the Engineer, construct the two Micro-Bioretention facilities, in accordance with the Required Sequence of Construction for these facilities depicted on the plans. Clean out all storm drain inlets and manholes Contact the Engineer for As-Built final inspection and certification of all SWM devices. The Engineer shall then submit "As-Built" drawings to the Carroll County Bureau of SWM for release of bon monies.
12.) Upon approval of the Carroll County Sediment Control Inspector, remove all temporary sediment control measures.

SYMBOLS LEGEND

- INDICATES EXISTING GROUND CONTOUR LINE (SEE GENERAL NOTE #9 ON SHEET 1)
- INDICATES PROPOSED GRADING CONTOUR LINE
- INDICATES EXISTING CONCRETE CURB AND GUTTER
- INDICATES PROPOSED PAVED SURFACE (SEE PAVING SECTION ON THIS SHEET)
- INDICATES PROPOSED CONCRETE WALK & SURFACE
- INDICATES PROPOSED SIDEWALK RAMP (MEETING ALL A.D.A. SPECIFICATIONS)
  6" HIGH TYPE 'A' CONCRETE CURB AND GUTTER USED ON-SITE (MD SHA STD. #620.02)
- INDICATES PROPOSED H.D.P.E. STORM DRAIN PIPE
- INDICATES 100 YEAR FLOOD PLAIN (FEMA FLOOD INSURANCE RATE MAP #24013C 0191D – 10/02/2015)

SITE OVERVIEW

S-23-0015

GREAT VALLEY PROPANE
LOT #3 'DEVELOPMENT COMPANY OF AMERICA' TAX MAP: 45 GRID: 15 p/o PARCEL: 539 TAX ACCT. NO.: 07-111932

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(410) 848-2229 – (410) 876-1226
Peter L. Podolak, P.E. Date

I hereby certify that these documents were prepared or approved by me, and I am a duly licensed professional engineer under the laws of the State of Maryland, license no. 19561, expiration date: 3-3-2024.

SHEET 2 OF 10

Date	Revision

Date: Oct. 23, 2023
Date: 1"=30'
Drawing No. ______

\\Job Files\Bud Haly\Site Plan\SITE OVERVIEW.dwg 10-23-2023