

SYMBOLS

- NEW HEAVY DUTY CONCRETE
- NEW STONE FOR INFILTRATION BED
- NEW RIPARIAN FOREST BUFFER
- EXISTING MANHOLE
- EXISTING INLET
- EXISTING UTILITY POLE
- EXISTING WELL
- NEW WELL
- EXISTING LIGHT
- NEW STORM INLET
- NEW STORM MANHOLE
- NEW SANITARY MANHOLE
- NEW SANITARY CLEANOUT

SOILS LEGEND

- CnB** CHIPPEWA AND NORWICH, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY
- Cy** CUT AND FILL
- MoB** MORRIS EXTREMELY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES

E & S CONTROL LEGEND

- LIMIT OF DISTURBANCE
- NPDES BOUNDARY LINE
- EROSION CONTROL BLANKETS
- ROCK CONSTRUCTION ENTRANCE
- NEW FILTER BAG INLET PROTECTION
- NEW STONE MESH INLET PROTECTION
- SILTSOXX
- EXISTING 5 FOOT CONTOUR
- EX. 2 FOOT LIDAR CONTOUR
- EX. 10 FOOT LIDAR CONTOUR
- NEW 1 FOOT CONTOUR
- EX. 5 FOOT CONTOUR
- EX. 100' RIPARIAN BUFFER LINE
- EX. 150' RIPARIAN BUFFER LINE
- EXISTING CHANNEL OR STREAM

SM Design Group, LLC
CONSULTING ENGINEERS

275 Mundy Street
Suite 101
Wilkes-Barre, PA 18702
Tel: 570-970-0480
Fax: 570-970-0483
smdg@smdesigndgroup.com

OWNERSHIP AND USE OF DOCUMENTS

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF SM DESIGN GROUP, LLC. WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT.

THESE DRAWINGS SHALL NOT BE USED BY ANYONE ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT BY OTHERS EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE CONSENTATION TO SM DESIGN GROUP, LLC.

SUBMISSION OR DISTRIBUTION TO OFFICIAL REGULATORY AGENCIES FOR OTHER PURPOSES IN CONNECTION WITH THIS PROJECT IS NOT TO BE CONSIDERED AS PUBLICATION OR DEROGATION OF SM DESIGN GROUP, LLC.

THESE REPRODUCTIONS HAVE BEEN ISSUED FOR THE CONVICTION OF THE OWNER AND CONTRACTOR. NO CHANGES, ALTERATIONS, ADDITIONS OR DELETIONS MAY BE MADE TO THESE DOCUMENTS EXCEPT BY THE ENGINEER.

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN

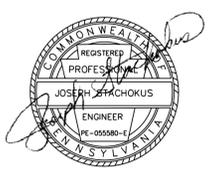
LIBERTY PETROLEUM TRAVEL PLAZA

GREAT BEND HOLDINGS, INC.

NEW VENTURES PARK LOT #1 - COMMERCIAL BLVD.

TOBYHANNA TOWNSHIP, MONROE COUNTY

PENNSYLVANIA



NO.	DATE	REVISIONS

DRAWN BY: JS SCALE: 1"=30'

CHECKED BY: JS DATE: 03/14/16

JOB NO: 14184.01

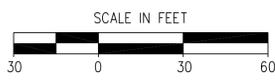
EROSION AND SEDIMENT CONTROL PLAN

SHEET 11 OF 29

C-501

- NOTES:**
- THE OVERALL LEGEND IS SHOWN ON SHEET CLS-1.
 - THE CONTRACTOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIAL AND WASTES FROM THE CONSTRUCTION OF THE C-STORE, RESTAURANT, AND SITE IMPROVEMENTS IN ACCORDANCE WITH THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA CODE 260.1 ET SEQ., 271.1 ET SEQ., AND 287.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THE SITE.
 - UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE OPERATOR SHALL ASSURE THAT THE BEST MANAGEMENT PRACTICES ARE IMPLEMENTED, OPERATED, AND MAINTAINED PROPERLY AND COMPLETELY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL BEST MANAGEMENT PRACTICE FACILITIES AND MAINTAIN AND MAKE AVAILABLE TO THE MONROE COUNTY CONSERVATION DISTRICT COMPLETE, WRITTEN INSPECTION LOGS OF ALL THOSE INSPECTIONS. ALL MAINTENANCE WORK, INCLUDING CLEANING, REPAIR, REPLACEMENT, RE-GRADING, AND RE-STABILIZATION SHALL BE PERFORMED IMMEDIATELY.
 - UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPs MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT CONTROL BMPs AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, RE-GRADING, RE-SEEDING, RE-MULCHING, AND RE-NETTING, MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
 - WHERE BMPs ARE FOUND TO FAIL TO ALLEVIATE EROSION OR SEDIMENT POLLUTION THE PERMITTEE OR CO-PERMITTEE SHALL INCLUDE THE FOLLOWING INFORMATION:
 - THE LOCATION AND SEVERITY OF THE BMP'S FAILURE AND ANY POLLUTION EVENTS.
 - ALL STEPS TAKEN TO REDUCE, ELIMINATE, AND PREVENT THE REOCCURENCE OF THE NON-COMPLIANCE.
 - THE TIME FRAME TO CORRECT THE NONCOMPLIANCE, INCLUDING THE EXACT DATES WHEN THE ACTIVITY WILL RETURN TO COMPLIANCE.
 - ALL DISTURBED SLOPES AT GRADES OF 3:1 AND STEEPER SHALL BE STABILIZED WITH EROSION CONTROL BLANKET TYPE S75 AS MADE BY NORTH AMERICAN GREEN OR APPROVED EQUAL.
 - ADDITIONAL EROSION AND SEDIMENT CONTROL NOTES ARE ON SHEETS C-502 AND C-503.

CHECK GRAPHIC SCALE BEFORE USING



CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR
CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE - STOP CALL

POCS SERIAL NUMBER
20153120186

1-800-242-1776

NOTES CONT'D:

- THE PROJECT SITE DRAINS TO GOOSE RUN. THE CHAPTER 93 WATER QUALITY CLASSIFICATION FOR BOTH THE DESIGNATED AND EXISTING USE FOR GOOSE RUN IS "H-Q-CW, WF" - HIGH QUALITY COLD WATER FISHERY WITH MIGRATORY FISH. THE PROJECT SITE IS IN SUB-AREA #4.3 OF THE TOBYHANNA CREEK ACT 167 STORMWATER MANAGEMENT PLAN DATED 1997. SUB-AREA #4.3 IS IN DRAINAGE DISTRICT A, WHICH REQUIRES THE POST DEVELOPMENT RUNOFF FOR A 10 YEAR STORM EVENT TO BE EQUAL TO OR LESS THAN THE PREDEVELOPMENT RUNOFF. THE POST CONSTRUCTION STORMWATER MANAGEMENT BMPs WERE DESIGNED TO REDUCE THE RUNOFF FROM THE IMPROVEMENTS FOR THE 1 THROUGH 100-YEAR STORM EVENTS.
- WITHIN 30 DAYS AFTER THE COMPLETION OF EARTH DISTURBANCE ACTIVITIES AUTHORIZED BY THIS PERMIT, INCLUDING THE PERMANENT STABILIZATION OF THE SITE AND PROPER INSTALLATION OF PCSM BMPs IN ACCORDANCE WITH THE APPROVED PCSM PLAN, OR UPON SUBMISSION OF THE NOT IF SOONER, THE PERMITTEE SHALL FILE WITH THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT A STATEMENT SIGNED BY A LICENSED PROFESSIONAL AND BY THE PERMITTEE CERTIFYING THAT WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS PERMIT AND THE APPROVED E&S AND PCSM PLANS.
- THE PERMITTEE AND CO-PERMITTEE(S) MUST ENSURE THAT VISUAL SITE INSPECTIONS ARE CONDUCTED WEEKLY, AND WITHIN 24 HOURS AFTER EACH MEASURABLE RAINFALL EVENT THROUGHOUT THE DURATION OF CONSTRUCTION UNTIL THE RECEIPT AND ACKNOWLEDGMENT OF THE NOT BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. THE VISUAL SITE INSPECTIONS AND REPORTS SHALL BE COMPLETED IN A FORMAT PROVIDED BY THE DEPARTMENT, AND CONDUCTED BY QUALIFIED PERSONNEL, TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT CONTROL, TO ASCERTAIN THAT E&S BMPs AND PCSM BMPs ARE PROPERLY CONSTRUCTED AND MAINTAINED TO EFFECTIVELY MINIMIZE POLLUTION TO THE WATERS OF THIS COMMONWEALTH.
- THE TOTAL LENGTH OF EXCAVATED TRENCH OPEN AT ANY ONE-TIME SHOULD NOT BE GREATER THAN THE TOTAL LENGTH OF UTILITY LINE THAT CAN BE PLACED IN THE TRENCH AND BACK-FILLED IN ONE WORKING DAY. NO MORE THAN 50 LINEAR FEET OF OPEN TRENCH SHOULD EXIST WHEN UTILITY LINE INSTALLATION CEASES AT THE END OF THE WORKDAY.

