

**UTILITY STATEMENT**

UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTED UTILITY COMPANIES OR GOVERNMENT AGENCIES, PAROLE TESTIMONY, FIELD SURVEY AND OTHER SOURCES. THIS PLAN SET MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY CALL BEFORE YOU DIG® AT 1-800-922-4455, IN ACCORDANCE WITH CBYD NOTIFICATION PROCEDURES PRIOR TO COMMENCING WORK.

**MAP REFERENCES**

- A FIELD SURVEY WAS NOT PERFORMED IN THE PREPARATION OF THIS PLAN SET. EXISTING INFORMATION DEPICTED HEREON WAS OBTAINED FROM THE FOLLOWING SOURCES AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK.
  - PLANIMETRIC INFORMATION OBTAINED FROM A DIGITAL CAD FILE NAMED "CENTER 375 SEPT. 2010.DWG" SUPPLIED BY THE TOWN OF VERNON.
  - CONTOUR INFORMATION OBTAINED FROM A DIGITAL SHP FILE NAMED "JOB574198\_CT32016\_LIDAR.SHP" CONSISTING OF "2016 CROCG LIDAR: CONNECTICUT STATEWIDE" OBTAINED NOAA DIGITAL COAST DATA ACCESS VIEWER.
  - USGS CONNECTICUT ORTHOIMAGERY SUMMER 2019 AERIAL IMAGERY OBTAINED FROM THE CT ECO WEBSITE.

**GENERAL SITE NOTES**

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION FORM 817 AS APPLICABLE AND TOWN OF VERNON STANDARDS.
- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT, FACE OF CURBS, OUTSIDE FACE OF THE BUILDING OR OTHER LIMITS AS DEPICTED ON THE PLAN.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND SHALL REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS TO THE OWNER.
- CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS FROM EXISTING TO PROPOSED FEATURES AS NECESSARY.
- ALL DISTURBED AREAS SHALL HAVE A TOPSOIL LAYER OF 4" MINIMUM & VEGETATED AS DIRECTED BY THE OWNER. TOP OF TOPSOIL LAYER SHALL BE PLACED 1" BELOW TOPS OF CURBS, WALKS, OR PAVEMENT ELEVATIONS WHERE TOPSOIL ABUTS THOSE AREAS.
- CONTRACTOR SHALL SUPPLY AND PLACE STRAW MULCH OR EROSION CONTROL BLANKET WHEREVER GRASS SEED HAS BEEN PLACED. SEED SHALL BE APPLIED AT THE MINIMUM RATE RECOMMENDED BY THE MANUFACTURER OR THE PROJECT LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL SEAL THE EDGE OF EXISTING ASPHALT PAVEMENT WITH TACK COAT IN ACCORDANCE WITH FORM 817 OR THE TOWN OF VERNON STANDARDS WHERE NEW ASPHALT JOINS EXISTING ASPHALT.
- CONTRACTOR SHALL REPAIR, RESURFACE, RECONSTRUCT OR REFURBISH ANY AREAS DAMAGED DURING CONST. BY THE CONTRACTOR, HIS SUBCONTRACTORS OR SUPPLIERS AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL COMPLETELY FILL ALL TRENCHES WITHIN 5 FEET OF PAVEMENT/CONCRETE EDGES WITH GRANULAR BACKFILL.
- ALL PAINT STRIPING SHALL BE 4" TRAFFIC PAINT IN ACCORDANCE WITH FORM 817 AND SHALL BE WHITE OR YELLOW AS DEPICTED ON THE PLANS.

**GRADING NOTES:**

- THE EXCAVATING CONTRACTOR SHALL TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START, OR AS REQUIRED BY THE GOVERNING UTILITY COMPANY, TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (LOCATION, SIZE AND DEPTH) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING IN, AROUND OR OVER UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE IS PRESENT TO INSTRUCT AND OBSERVE.
- TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH ENGINEERED GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT AND/OR CONCRETE SURFACES.
- PROVIDE POSITIVE DRAINAGE WITHOUT PONDING. CONTRACTOR TO TEST FOR AND CORRECT "BIRD BATH" CONDITIONS.
- ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS BASED UPON MAP REFERENCE 1B. CONTRACTOR SHALL ADJUST ELEVATIONS BASED UPON ACTUAL FIELD CONDITIONS.
- SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE INDICATED ON THE PLANS.
- EXTRACTION, GRADING, FILLING AND/OR PROCESSING SHALL NOT INVOLVE THE REMOVAL OR DEPOSITION OF MORE MATERIAL(S) THAN NECESSARY TO ACCOMMODATE THE PROPOSED DEVELOPMENT.

**DRAINAGE NOTES:**

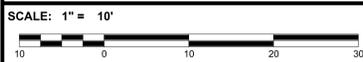
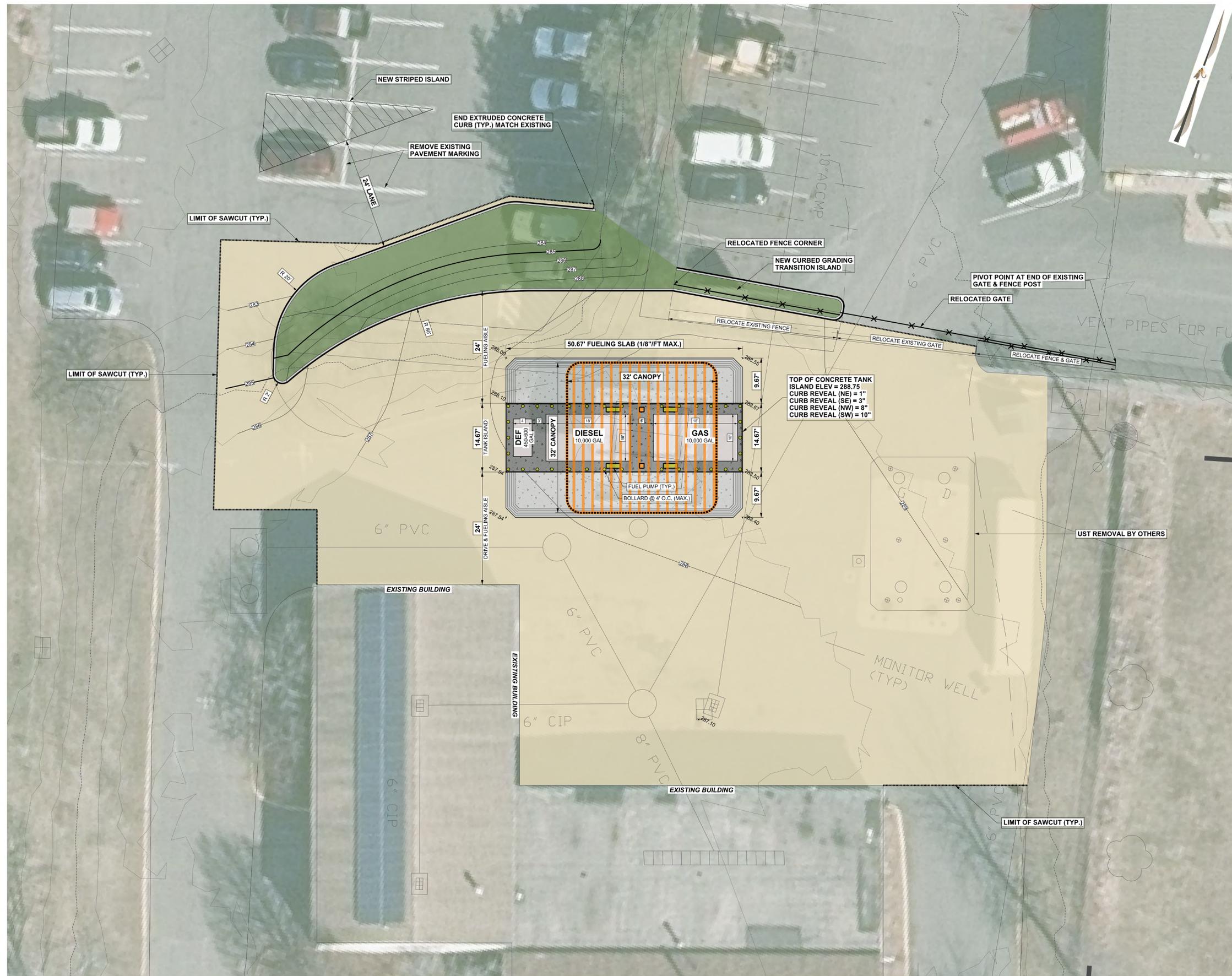
- EXISTING STORMWATER PATTERNS SHALL BE MAINTAINED, DISTURBED, REGRADED, AND/OR REPAVED AREAS SHALL BE SLOPED TOWARDS EXISTING DRAINAGE STRUCTURES TO MATCH EXISTING CONDITIONS.
- ROOF LEADERS FROM THE NEW CANOPY SHALL BE PIPED AND CONNECTED TO THE EXISTING PIPE NETWORK IN THE AREA. CONTRACTOR TO CONFIRM LOCATION, DEPTH, TYPE, AND SIZE OF EXISTING PIPE AT CONNECTION POINT(S). A TIE-PLAN AND CONNECTION DETAILS SHALL BE SUPPLIED TO THE OWNER.

**FUEL STORAGE & DISTRIBUTION SYSTEM**

THIS LAYOUT PLAN SHOWS THE APPROXIMATE SIZE AND LOCATION OF A NEW FUELING ISLAND, INCLUDING TWO (2) 10,000 GALLON ABOVE GROUND STORAGE TANKS (AST) WITH PUMPS & DISPENSERS, ONE (1) DEF TANK & DISPENSER, CONCRETE CURBED TANK ISLAND, CONCRETE FUELING SLAB, CANOPY, AND PERIMETER BOLLARD BARRIERS. THE LAYOUT IS FOR GENERAL PURPOSES ONLY. THE CONTRACTOR SHALL DESIGN, FURNISH, SUPPLY & INSTALL A COMPLETE FUELING ISLAND REPLACEMENT SOLUTION IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS PREPARED BY OTHERS, INCLUDING BUT NOT LIMITED TO:

- TEMPORARY FUELING MEASURES FOR DURATION OF CONSTRUCTION
- ONE (1) 10,000 GAL. GASOLINE & ONE (1) 10,000 GAL. DIESEL AST WITH DISPENSERS, PUMPS & PIPING
- ONE (1) DIESEL EXHAUST FLUID (DEF) TANK & DISPENSER SYSTEM WITH 450 TO 600 GAL. STORAGE CAPACITY
- REINFORCED CONCRETE RAISED (CURBED) CONCRETE TANK ISLAND WITH BOLLARD PERIMETER PROTECTION
- REINFORCED CONCRETE FUELING SLAB WITH POSITIVE LIMITING BARRIER
- LEAK DETECTION, MONITORING & COMMUNICATION SYSTEMS
- NEW OR RECONSTRUCTED CANOPY TO PROTECT TANKS, DISPENSERS & FUELING AREAS FROM DIRECT PRECIPITATION

CONTRACTOR SHALL PROVIDE THE OWNER WITH DESIGN AND MATERIAL SUBMITTALS FOR REVIEW & APPROVAL.



PROJECT NUMBER:  
00101 - 001



**CONTACT INFORMATION**  
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PROFESSIONAL SEAL

**TOWN OF VERNON  
FUELING STATION IMPROVEMENTS**  
PREPARED FOR  
VERNON DEPARTMENT OF PUBLIC WORKS  
**SITE LAYOUT PLAN**

**REVISION SUMMARY**

DATE	DESCRIPTION

**SHEET**  
1 OF 1  
**DATE**  
3/24/21  
**REVISED**