LAKEWATCH PLANTATION WATER AND SEWER EXTENSION FRANKLIN COUNTY, VIRGINIA

ABBREVIATIONS AND ACRONYMS MASONRY MATERIAL MAXIMUM ADJACEN' MAIL BOX AGGR AGGREGAT MINIMUM BUILDING LINE ALUM ALUMINUN MECH ANCHOR MECHANICAL. BACK OF CURE MANUFACTURER BEDFORD COUNTY PUBLIC SERVICE MANHOLE MINIMUM AUTHORITY MECHANICAL JOIN BEGINNING BITHMINOU MONUMENT BELL JOINT NAIL AND CAP BUILDING NORTHBOUND LANE BLDG BENCH MARI NOT IN CONTRACT BLOW-OFF VALVE NUMBER NON-POTABLE WATER BLACK STEEL PIPE NOT TO SCALE BVCE BEGIN VERTICAL CURVE STATION BVCS OUTSIDE DIAMETEI OVERHEAD ELECTRIC CURB AND GUTTER CATCH BASIN OVERHEAD UTILITIES CENTER LIN POINT OF COMPOUND CURVE CORRUGATED METAL PIPE PERIMETER CONCRETE MASONRY UNITS PERFORATED CLEANOUT PERPENDICULAI POINT OF INTERSECTION COL COMB CONC COMBINATION POINT ON LINE CONCRETE POWER POLE POINT OF REVERSE CURVE CONSTRUCTION POUNDS PER SQUARE INCH COR CORNER PUBLIC UTILITY EASEMENT CENTER PUBLIC UTILITY & PEDESTRIAN PATHWAY CABLE TELEVISION EASEMENT CULVERT POLYVINYL CHLORIDE POINT OF VERTICAL CURVE DRIVEWAY DRAINAGE EASEMENT POINT OF VERTICAL INTERSECTION VIRGINIA DEPARTMENT OF ENVIRONMENTA PAVEMENT RADIUS RIGHT OF WAY DROP INLET RCP REINFORCED CONCRETE PIPE DIAMETER RD RDCR DIMENSION **DUCTILE IRON PIPE** REDUCER REFERENCE REINF REL REQD REV DROP MANHOLE REINFORCEMENT RELOCATED DEGREE OF CURVI REQUIRED DRAWING REVISION DWELLING RAILROAD RTE ROUTE EACH S/W SAN EASTBOUND LAND SIDEWALK SANITARY ELECTRICAL **ELEVATION** SOUTHBOUND LANE ENGR **ENGINEER** SLOPE EASEMENT ENTRANCE SECTION END OF LINE SQUARE FEET EDGE OF PAVEMENT **EQUIPMEN** SIMILAR END VERTICAL CURVE ELEVATION SEWER MANHOLE END VERTICAL CURVE STATION SPECIFICATION SOUARE EXISTING SANITARY SEWER SAFE STOPPING SIGHT DISTANCE EXTERIOR FACE OF CURP FEDERAL EMERGENCY MANAGEMENT AGENCY STA STATION STANDARD FINISHED FLOOR ELEVATION SVC SERVICE FIGURE TEL TEMP TP TELEPHONE TEMPORARY FLANGE FORCE MAIN TELEPHONE POLE FOOT, FEET TW TOP OF WALL FOOTING FUTURE TYPICAL UNDERGROUND ELECTRIC GAUGE GALLON UNDERGROUND GAS GALVANIZED UNDERWRITER'S LABORATORY GARAGE UNLESS OTHERWISE NOTED GROUND USGS GOVERNMENT U.S. GEOLOGIC SURVEY UNDERGROUND TELEPHONI GALLONS PER DAY GALLONS PER MINUTE VAL VALVE GRAVEL VAR VARIABLE GRTG GRATING GATE VALVE VERTICAL CURVE VIRGINIA DEPARTMENT OF HEALTH HUB AND TAG VIRGINIA DEPARTMENT OF TRANSPORTATION HOLLOW META VERT VERTICAL HORIZONTAL VIRGINIA EROSION AND SEDIMENT CONTROL VESCH HIGH POINT HANDBOOK HYDRANT VINYL INSIDE DIAMETE VOLUME WATER

WITH

WL WM

WITHOUT

WESTBOUND LANE

WATER LINE

WATERTIGHT

WATER VALVE

WATER METER

WATER MANHOLI

WATER SURFACE

INSULATION

IRON PIN FOUND

IRON PIN SET

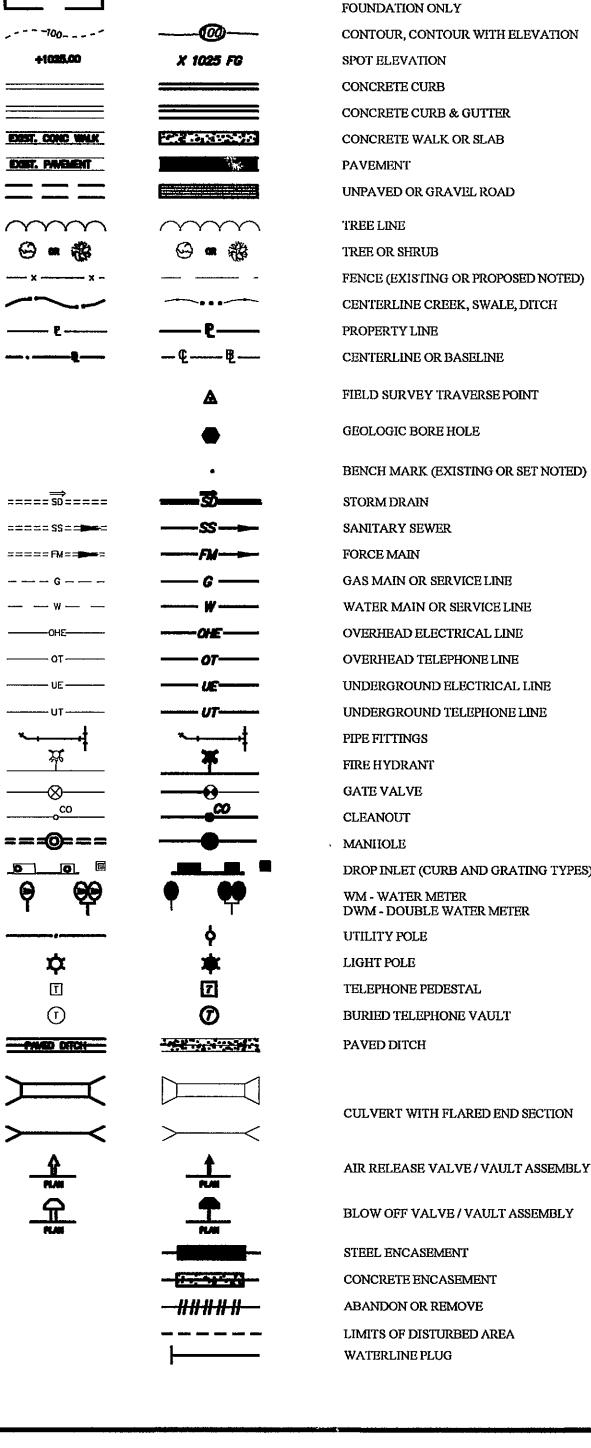
LINEAR FOOT

LIGHT POLE LIQUID PETROLEUM

LENGTH, LONG

INTERIOR

INVERT



PROPOSED

FENCE (EXISTING OR PROPOSED NOTED)

DESCRIPTION

BUILDING WITH PORCH OR STOOP

 ALL CONSTRUCTION DESIGN, METHODS AND MATERIALS MUST BE IN ACCORDANCE WITH ARTICLES VII AND VIII OF CHAPTER 22 OF THE FRANKLIN COUNTY CODE, THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY FRANKLIN COUNTY ENGINEERING DIVISION IN WRITING AT LEAST THREE (DAYS PRIOR TO ANY CONSTRUCTION. INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

A. INSTALLATION OF APPROVED EROSION CONTROL DEVICES. B. CLEARING AND GRUBBING. C. SUBGRADE EXCAVATION. D. PLACING CONCRETE.

E. PLACING GRAVEL BASE F. PLACING BITUMINOUS SURFACE G. INSTALLING WATER LINES H. INSTALLING FIRE HYDRANTS AND VALVES . INSTALLING SERVICE LINES AND METER VALVES.

J. BACKFILLING AND COMPACTION.

2. UTILITY LINE CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS INCLUDED HEREIN AS WELL AS THOSE SET FORTH BY THE VIRGINIA DEPARTMENT OF HEALTH AND FRANKLIN COUNTY. THE CONTRACTOR SHALL OBTAIN THE LATEST EDITION OF SUCH STANDARDS

THEM AVAILABLE AT THE PROJECT SITE AT ALL TIMES.

3. THE CONTRACTOR SHALL PROVIDE TEMPORARY FACILITIES SUCH AS PORTABLE TOILETS, TEMPORARY ELECTRICAL HOOK-UPS, AND WATER FACILITIES AS REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL CLOSELY EXAMINE THE SCOPE OF WORK REQUIRED HEREIN AND PROVIDE ANY AND ALL TEMPORARY FACILITIES AS MAY BE DEEMED NECESSARY.

4. THE CONTRACTOR SHALL PROVIDE PROJECT CLOSE-OUT SERVICES INCLUDING FINAL GRADING, FINAL SEEDING, FINAL PAVING, CLEAN-UP, AND RESTORATION OF EXISTING FACILITIES AND TERRAIN TO A CONDITION SIMILAR TO THE START OF

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING FINAL TESTING OF THE WASTEWATER UTILITIES IN CONFORMANCE WITH APPLICABLE TESTING AND INSPECTION GUIDELINES.

6. FINAL INSPECTION SHALL BE PROVIDED BY AN ENGINEER LICENSED IN THE STATE OF VIRGINIA OR BY A PUBLIC AGENT WHO RETAINS THE RESPONSIBILITY TO MONITOR CONSTRUCTION AND OVERSEE INSPECTIONS

7. THE CONTRACTOR SHALL PROVIDE THREE COPIES OF SHOP DRAWINGS FOR THE EQUIPMENT AND MATERIAL SLATED FOR INSTALLATION. THE SHOP DRAWINGS SHALL BE REVIEWED BY THE CONSULTING ENGINEER AND RETURNED AS REVIEWED. APPROVED AS NOTED, OR REJECTED. THE CONTRACTOR MAY PRESENT EQUIPMENT AND MATERIAL ALTERNATES TO THE CONSULTING ENGINEER FOR APPROVAL PRIOR TO USE DURING CONSTRUCTION.

8. CONSTRUCTION DEBRIS SHALL BE CONTAINED IN ACCORDANCE WITH THE VIRGINIA LITTER CONTROL ACT, NO LESS THAN ONE LITTER RECEPTACLE SHALL BE PROVIDED

9. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE STREETS ARE IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.

10. THE DEVELOPER AND/OR CONTRACTOR

SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEM THAT ALL GRADING AND INSTALLATION SHALL CONFORM TO APPROVED PLANS 11. CONTRACTORS SHALL NOTIFY UTILITIES OF

PROPOSED CONSTRUCTION AT LEAST TWO, BUT NOT MORE THAN TEN WORKING DAYS IN ADVANCE. AREA PUBLIC UTILITIES MAY BE NOTIFIED THROUGH MISS UTILITY AT (800) 552-7001.

12. GRADE STAKES SHALL BE SET FOR ALL WATERLINE LOCATIONS.

13. LOCATION OF UNDERGROUND UTILITIES IS BASED ON FIELD SURVEYS, AS SHOWN BY AVAILABLE RECORDS, AND AS LOCATED BY THE UTILITY LOCATOR SERVICE. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.

14. THE SITE WORK AND LANDSCAPING CONTRACTOR(S) SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES, BOTH ON AND OFF THE SITE, REFER TO THE VIRGINIA UNIFORM CODING SYSTEM CONTAINED IN THE VIRGINIA SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION, FOR DETAILS AND SPECIFICATIONS OF EROSION CONTROL ITEMS SHOWN ON THESE

15. ALL TRAFFIC CONTROL MUST BE IN ACCORDANCE WITH 2003 VIRGINIA WORK AREA PROTECTION MANUAL.

ADDITIONAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING NECESSARY CONSTRUCTION PERMITS INCLUDING BUT NOT LIMITED TO LAND DISTURBING, VDOT ENTRANCE, BUILDING PERMITS, AND CERTIFICATES TO CONSTRUCT. SHOULD ANY PUBLIC AGENCY REQUIRE A CONSTRUCTION BOND PRIOR TO THE ISSUANCE OF A PERMIT, THE CONTRACTOR SHALL DULY NOTIFY THE OWNER SO THAT BOTH PARTIES CAN DETERMINE PROPER RESPONSIBILITY FOR BOND PROCUREMENT AND PAYMENT.

2. PRIOR TO SUBMITTAL OF THE CONSTRUCTION BID. THE CONTRACTOR SHALL REVIEW THE **EXISTING SITE UTILITIES AND IDENTIFY** POTENTIAL CONSTRUCTION CONFLICTS SHOULD ANY UTILITY REQUIRE RELOCATION THE CONTRACTOR SHALL NOTIFY THE CONSULTING ENGINEER SO THAT APPROPRIATE PLAN ADJUSTMENTS CAN BE MADE.

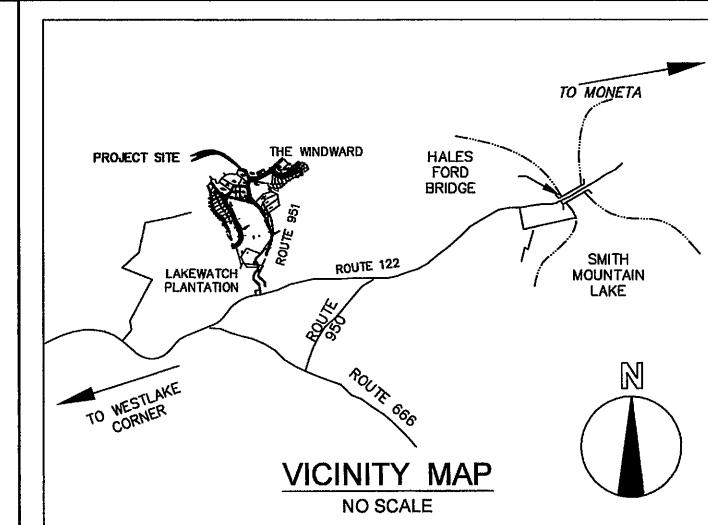
3. WORK IN AND NEAR THE PUBLIC RIGHT-OF-WAY SHALL ADHERE TO THE STANDARDS AND PRACTICES OF THE VIRGINIA WORK AREA PROTECTION MANUAL, LATEST

4. SOURCE OF MAPPING AND ROADWAY DESIGN PROVIDED BY BEN SHRADER, LS. BEDFORD,

5. UPON COMMENCING CONSTRUCTION, THE COUNTY SHALL BE PROVIDED ADEQUATE NOTICE TO MONITOR CONSTRUCTION, COUNTY PERSONNEL OR ITS DESIGNEE SHALL HAVE ACCESS TO THE SITE AT ALL TIMES DURING CONSTRUCTION.

6. DEVELOPER SHALL PROVIDE NOTICE TO

COUNTY PRIOR TO ANY TESTING. COPIES OF ALL TEST REPORTS SHALL BE SUBMITTED TO THE COUNTY FOR RECORD. COUNTY PERSONNEL WILL NOT BE RESPONSIBLE FOR PERFORMING ANY TESTING OR PROVIDING ANY MATERIALS FOR TESTING. COUNTY WILL NOT BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH TESTING.



VICINITY MAP

OWNER/DEVELOPER CERTIFICATION

the person responsible for carrying out the plan certifies that he will properly perform the erosion and sediment control measures included in the plan and will comply with all provisions of this chapter.

The Owners/Developers certify that they understand the site design requirements imposed by the site development plans and applicable County codes, as shown hereon, and agrees to comply with these plans during construction, unless modifications to plans are approved by Bedford County.

OWNER REPRESENTATIVE

STATE OF VIRGINIA

ı	OF	
	I,, A NOTARY PUBLIC IN AND FOR THE AFORESAID COUNT	
	AND STATE DO HEREBY CERTIFY THAT _	, WHOSE NAME IS SIGNED
	TO THE FOREGOING WRITING DATED	, 2006, HAS
	PERSONALLY APPEARED BEFORE ME IN M	Y AFORESAID COUNTY AND STATE
	AND ACKNOWLEDGED THE SAME ON	2006. MY COMMISSION
	EXPIRES	
	I	

NOTARY PUBLIC

DEVELOPER:

Fax 540-721-4594

SMLGP Development, LLC 16430 Booker T. Washington Highway; Unit 5 Moneta, Virginia 24121 Ph. 540-721-4594

OWNER:

James G. Petrine Booker T. Washington Highway; Unit 5 Moneta Virginia 24121 Ph. 540-721-4594 Fax 540-721-4594

LANDSCAPE ARCHITECTURI

CONSTRUCTION MANAGEMENT

WWW . ACSDESIGNLLC.COM

SHEET INDEX:

COVER SHEET

SITE PLAN

PLAN & PROFILE WATER & SEWER PLAN & PROFILE

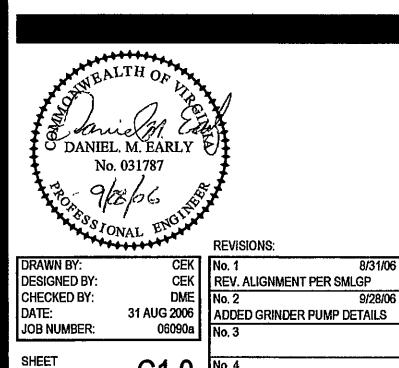
C3.2 GRINDER PUMP DETAILS

C4.1 WATERLINE DETAILS

C4.2 FORCEMAIN DETAILS C5.1 EROSION & SEDIMENT

NOTES & DETAILS

APPROVED



NUMBER: