# The Coves at Smith Mountain Lake Central Sewer System Modifications Optima Properties - Smith Mountain Lake, LLC Franklin County, Virginia

### VIATIONS AND ACRONYMS MAXIMUM ADJACENT AGGREGATI MAIL BOX MINIMUM BUILDING LIN MANUFACTURE BACK OF CURE MANHOLE MECHANICAL JOIN BUILDING BENCH MARK NAIL AND CAP NORTHBOUND LAN NOT IN CONTRACT NON-POTABLE WATE CURB AND GUTTER ON CENTER OUTSIDE DIAMETE OVERHEAD ELECTRIS CORRUGATED METAL PIPI POINT OF CURVE POINT OF COMPOUND CURVI CONCRETE MASONRY UNITS PERIMETER PERFORATED COMBINATION POINT OF INTERSECT CONCRETE PROPERTY LINE CONSTRUCTION POINT ON LINE POINT OF REVERSE CURVE COR CORNER CTR POUNDS PER SQUARE INCH CENTER POINT OF TANGENT CABLE TELEVISION PUBLIC UTILITY EASEMENT PUBLIC UTILITY & PEDESTRIAN PATHWAY EASEMENT DRIVEWAY POLYVINYL CHLORIDE DRAINAGE EASEMENT VIRGINIA DEPARTMENT OF ENVIRONMENTAL POINT OF VERTICAL CURVE POINT OF VERTICAL INTERSECTION PAVEMENT DROP INLET RADIUS DIAMETER RIGHT OF WAY DIMENSION REINFORCED CONCRETE PIPE DUCTILE IRON PIPE DISCONNECT RDCR REDUCER DROP MANHOLI REFERENCE REINFORCEMEN RELOCATED DRAWING REQUIRED DWELLING REVISION RAILROAD EASTBOUND LAND EACH FACE SIDEWALK ELECTRICAL ELEVATION SANITARY SOUTHBOUND LAND **ENTR** ENTRANCE SLOPE EASEMENT END OF LINE EDGE OF PAVEMENT SECTION SOUARE FEET **EQUIPMENT** END VERTICAL CURVE ELEVATION SIMILAR END VERTICAL CURVE STATION SEWER MANHOLE SPECIFICATION EXTERIOR SANITARY SEWER EXT SAFE STOPPING SIGHT DISTANCE FACE OF CURB FEDERAL EMERGENCY MANAGEMENT AGENCY ST STREET STATION FINISHED FLOOR ELEVATION STANDARE FIGURE SERVICE FINISH FLANGE TELEPHONE TEMPORARY FORCE MAIN TELEPHONE POLE FOOT, FEET TRTD TREATED FOOTING **FUTURE** TOP OF WALL GAUGE UNDERGROUND ELECTRIC GALLON UNDERGROUND GAS GALVANIZED UNDERGROUND GARAGE UNDERWRITER'S LABORATORY UNLESS OTHERWISE NOTED GOVERNMENT GOVI GALLONS PER DAY USGS U.S. GEOLOGIC SURVEY UNDERGROUND TELEPHONE GALLONS PER MINUTE VALVE GRATING VARIABLE GATE VALVI VERTICAL CURVE **HUB AND TAC** VIRGINIA DEPARTMENT OF HEALTH VIRGINIA DEPARTMENT OF TRANSPORTATION HORIZONTAL HIGH POINT VIRGINIA EROSION AND SEDIMENT CONTROL VESCH HOUR HANDBOOK INSIDE DIAMETER WATER INSULATION WITH INTERIOR INVERT WITHOUT WESTBOUND LAND IRON PIN FOUND WATER LINE IRON PIN SET LENGTH, LONG WATER METER LINEAR FOOT WATER MANHOL LIGHT POLE WATER SURFACE LIQUID PETROLEUM WEIGHT

WATERTIGHT

WATER VALV

# **PROPOSED** \_\_\_\_\_ SS \_\_\_\_ \_\_\_\_\_ UE \_\_\_\_

## **DESCRIPTION BUILDING WITH PORCH OR STOOP** FOUNDATION ONLY CONTOUR, CONTOUR WITH ELEVATION SPOT ELEVATION CONCRETE CURB CONCRETE CURB & GUTTER CONCRETE WALK OR SLAB UNPAVED OR GRAVEL ROAD TREE LINE TREE OR SHRUB CENTERLINE CREEK, SWALE DITCH CENTERLINE OR BASELINE FIELD SURVEY TRAVERSE POINT GEOLOGIC BORE HOLE BENCH MARK (EXISTING OR SET NOTED) STORM DRAIN SANITARY SEWER FORCE MAIN GAS MAIN OR SERVICE LINE WATER MAIN OR SERVICE LINE OVERHEAD ELECTRICAL LINE OVERHEAD TELEPHONE LINE UNDERGROUND ELECTRICAL LINE UNDERGROUND TELEPHONE LINE PIPE FITTINGS FIRE HYDRANT GATE VALVE CLEANOUT MANHOLE DROP INLET (CURB AND GRATING TYPES) DWM - DOUBLE WATER METER UTILITY POLE LIGHT POLE TELEPHONE PEDESTAL BURIED TELEPHONE VAULT PAVED DITCH CULVERT WITH FLARED END SECTION AIR RELEASE VALVE / VAULT ASSEMBLY BLOW OFF VALVE / VAULT ASSEMBLY

STEEL ENCASEMENT

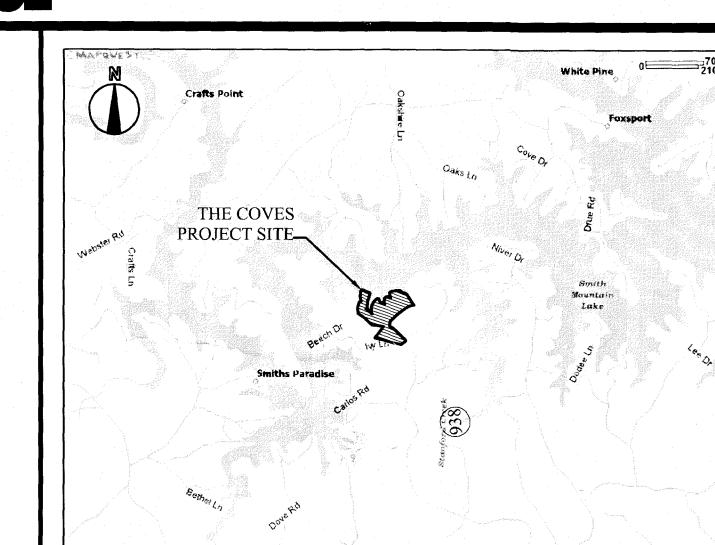
CONCRETE ENCASEMENT

ABANDON OR REMOVE

WATERLINE PLUG

LIMITS OF DISTURBED AREA

FRANKLIN COUNTY PLANNING DEPARTMENT **NEIL HOLTHOUSER** 40 EAST COURT STREET ROCKY MOUNT, VIRGINIA 24151 PHONE: (540) 483-3027 FAX: (540) 483-3041 FRANKLIN COUNTY UTILITY DEPARTMENT 40 E. COURT STREET ROCKY MOUNT, VIRGINIA 24151 PHONE: (540) 483-6660 THE RETREAT WATER COMPANY ROANOKE, VIRGINIA 24018 PHONE: (540) 344-9800 FAX: (540) 344-9806 EMAIL:dpetrus@aol.com FRANKLIN COUNTY HEALTH DEPARTMENT ENVIROMENTAL HEALTH SERVICES C/O ADAM CARTER 365 PELL AVE. ROCKY MOUNT, VA 24151 PHONE:(540) 484-0292 VIRGINIA DEPARTMENT OF HEALTH DIVISION OF WASTWATER ENGINEERING C/O JOHN SCHOFIELD 131 WALKER ST. LEXINGTON, VIRGINIA 24450 PHONE: (540) 463-1642 FAX: (540) 463-3892



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# RESPONSIBLE LAND DISTURBER CERTIFICATION

PRINTED NAME

**SIGNATURE** 

COMPANY NAME ADDRESS

RESPONSIBLE LAND DISTURBER CERTIFICATION NUMBER

### OWNER/DEVELOPER CERTIFICATION

THE OWNER/DEVELOPER CERTIFIES THAT THEY UNDERSTAND THE SITE DESIGN REQUIREMENST 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 FRANKLIN COUNTY.

OWNER REPRESENTATIVE

### STATE OF VIRGINIA

, A NOTARY PUBLIC IN AND FOR THE AFORESAID COUNTY AND STATE DO HEREBY CERTIFY THAT , WHOSE NAME IS SIGNED TO THE FOREGOING WRITING DATED PERSONALLY APPEARED BEFORE ME IN MY AFORESAID COUNTY AND STATE AND ACKNOWLEDGED THE SAME ON , 2012. MY COMMISSION **EXPIRES** 

NOTARY PUBLIC

OWNER:	OPTIMA PROPERTIES, LLC 1001 WADE AVE., SUITE 301 RALEIGH, NC 27605	PHONE: 919-523-7010 FAX: 360-343-7118 Email: Jmerritt@optimaprop.com
DEVELOPER:	OPTIMA PROPERTIES, LLC 1001 WADE AVE., SUITE 301 RALEIGH, NC 27605	PHONE: 919-523-7010 FAX: 360-343-7118 Email: Jmerritt@optimaprop.com

**CONSTRUCTION MANAGEMENT** 

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C105 EROSION & SEDIMENT CONTROL DETAILS C106 MASTER PUMP STATION OPTION #1 C107 MASTER EFFLUEN PUMP STATION OPTION # 1 STRUCTURAL

C108 MASTER EFFLUENT PUMP STATION OPTION # 1 DETAILS C109 MASTER EFFLUENT PUMP STATION OPTION #2 C110 MASTER EFFLUENT PUMP STATION OPTION # 2 DETAILS C111 MASTER EFFLUENT PUMP STATION OPTION # 2

INSTALLATION SPECIFICATIONS C112 MASTER EFFLUENT PUMP STATION ELECTRICAL C113 MASTER EFFLUENT PUMP STATION SPECIFICATION

C115 MASS DRAINFIELD PLAN, NOTES & SCHEDULE C116 STANDARD DETAILS

5 MILL M. EARLY Lic. No. 031787 7-17-12

DESIGNED BY: CHECKED BY: DATE: JOB NUMBER: NUMBER:

COVERSHEET