

MULKEY
ENGINEERS & CONSULTANTS
PO Box 33127
Raleigh, N.C. 27633
(919) 853-1915
(919) 853-1918 (FAX)
WWW.MULKEYINC.COM

SUNGATE DESIGN GROUP
95-A Jones Franklin Rd.
Raleigh, N.C. 27606
(919) 859-2243
(919) 859-6258 (FAX)



*S.U.E = SUBSURFACE UTILITY ENGINEER

CONVENTIONAL SYMBOLS

ROADS & RELATED ITEMS

Edge of Pavement	-----
Curb	-----
Prop. Slope Stakes Cut	-----C-----
Prop. Slope Stakes Fill	-----F-----
Prop. Woven Wire Fence	-----○-----
Prop. Chain Link Fence	-----□-----
Prop. Barbed Wire Fence	-----◇-----
Prop. Wheelchair Ramp	-----WCR-----
Exist. Guardrail	-----T-----
Prop. Guardrail	-----T-----
Equality Symbol	-----⊕-----
Pavement Removal	-----X-----

RIGHT OF WAY

Right of Way Marker	-----▲-----
Exist. Right of Way Line w/Marker	-----△-----
Prop. Right of Way Line (by others)	-----▲-----
Prop. Right of Way Line (by contract)	-----▲-----
Exist. Control of Access Line	-----⊙-----
Prop. Control of Access Line	-----⊙-----
Exist. Easement Line	-----E-----
Prop. Temp. Construction Easement Line	-----E-----
Prop. Temp. Drainage Easement Line	-----TDE-----
Prop. Perm. Drainage Easement Line	-----PDE-----

HYDROLOGY

Stream or Body of Water	-----
Flow Arrow	-----→-----
Disappearing Stream	-----Y-----
Spring	-----○-----
Swamp Marsh	-----▽-----
Shoreline	-----
Falls, Rapids	-----I-----
Prop Lateral, Tail, Head Ditches	-----FLO-----

STRUCTURES

MAJOR	
Bridge, Tunnel, or Box Culvert	-----CONC-----
Bridge Wing Wall, Head Wall and End Wall	-----CONC WW-----

MINOR	
Head & End Wall	-----CONC HW-----
Pipe Culvert	-----
Footbridge	-----
Drainage Boxes	-----CB-----
Paved Ditch Gutter	-----

UTILITIES

Exist. Pole	-----●-----
Exist. Power Pole	-----●-----
Prop. Power Pole	-----○-----
Exist. Telephone Pole	-----●-----
Prop. Telephone Pole	-----○-----
Exist. Joint Use Pole	-----●-----
Prop. Joint Use Pole	-----○-----
Telephone Pedestal	-----□-----
Cable TV Pedestal	-----□-----
Hydrant	-----◇-----
Satellite Dish	-----◇-----
Exist. Water Valve	-----⊗-----
Sewer Clean Out	-----⊕-----
Power Manhole	-----⊕-----
Telephone Booth	-----⊕-----
Water Manhole	-----⊕-----
Light Pole	-----⊗-----
H-Frame Pole	-----●-----
Power Line Tower	-----⊗-----
Pole with Base	-----□-----
Gas Valve	-----◇-----
Gas Meter	-----◇-----
Telephone Manhole	-----⊕-----
Power Transformer	-----⊕-----
Sanitary Sewer Manhole	-----⊕-----
Storm Sewer Manhole	-----⊕-----
Tank; Water, Gas, Oil	-----○-----
Water Tank With Legs	-----○-----
Traffic Signal Junction Box	-----⊕-----
Fiber Optic Splice Box	-----⊕-----
Television or Radio Tower	-----⊗-----

Utility Power Line Connects to Traffic Signal Lines Cut Into the Pavement	-----TS-----TS-----
Water Line	-----W-----W-----
Sanitary Sewer	-----SS-----SS-----
Sanitary Sewer Force Main	-----FSS-----FSS-----
Gas Line	-----G-----G-----
Storm Sewer	-----S-----S-----
Power Line	-----P-----P-----
Telephone Cable	-----T-----T-----
U/G Telephone Conduit	-----TC-----TC-----
Unknown Utility	-----?UTL-----?UTL-----
Television Cable	-----TV-----TV-----
Fiber Optics Cable	-----FO-----FO-----
Exist. Water Meter	-----○-----
Drawn According to U/G Records	-----DATUR-----
Abandoned According to U/G Records	-----AATUR-----
End Of Information	-----E.O.I-----

BOUNDARIES & PROPERTIES

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Property Line Symbol	-----PL-----
Exist. Iron Pin	-----⊕-----
Property Corner	-----+
Property Monument	-----⊕-----
Property Number	-----123-----
Parcel Number	-----6-----
Fence Line	-----X-----X-----
Existing Wetland Boundaries	-----WLB-----
Proposed Wetland Boundaries	-----WLB-----
Existing Wetland Boundaries	-----EAB-----
Existing Wetland Boundaries	-----EPB-----

BUILDING & OTHER CULTURE

Buildings	-----
Foundations	-----
Area Outline	-----
Gate	-----
Gas Pump Vent or U/G Tank Cap	-----
Church	-----
School	-----
Park	-----
Cemetery	-----
Dam	-----
Sign	-----
Well	-----
Small Mine	-----
Swimming Pool	-----

TOPOGRAPHY

Loose Surface	-----
Hard Surface	-----
Change in Road Surface	-----
Curb	-----
Right of Way Symbol	-----R/W-----
Guard Post	-----OGP-----
Paved Walk	-----
Bridge	-----
Box Culvert or Tunnel	-----
Ferry	-----
Culvert	-----
Footbridge	-----
Trail, Footpath	-----
Light House	-----

VEGETATION

Single Tree	-----
Single Shrub	-----
Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----VINEYARD-----

RAILROADS

Standard Gauge	-----
RR Signal Milepost	-----
Switch	-----

08/23/2004 02:12:58 PM F:\Roadway\Proj\B2583_RDY_TSH.DGN