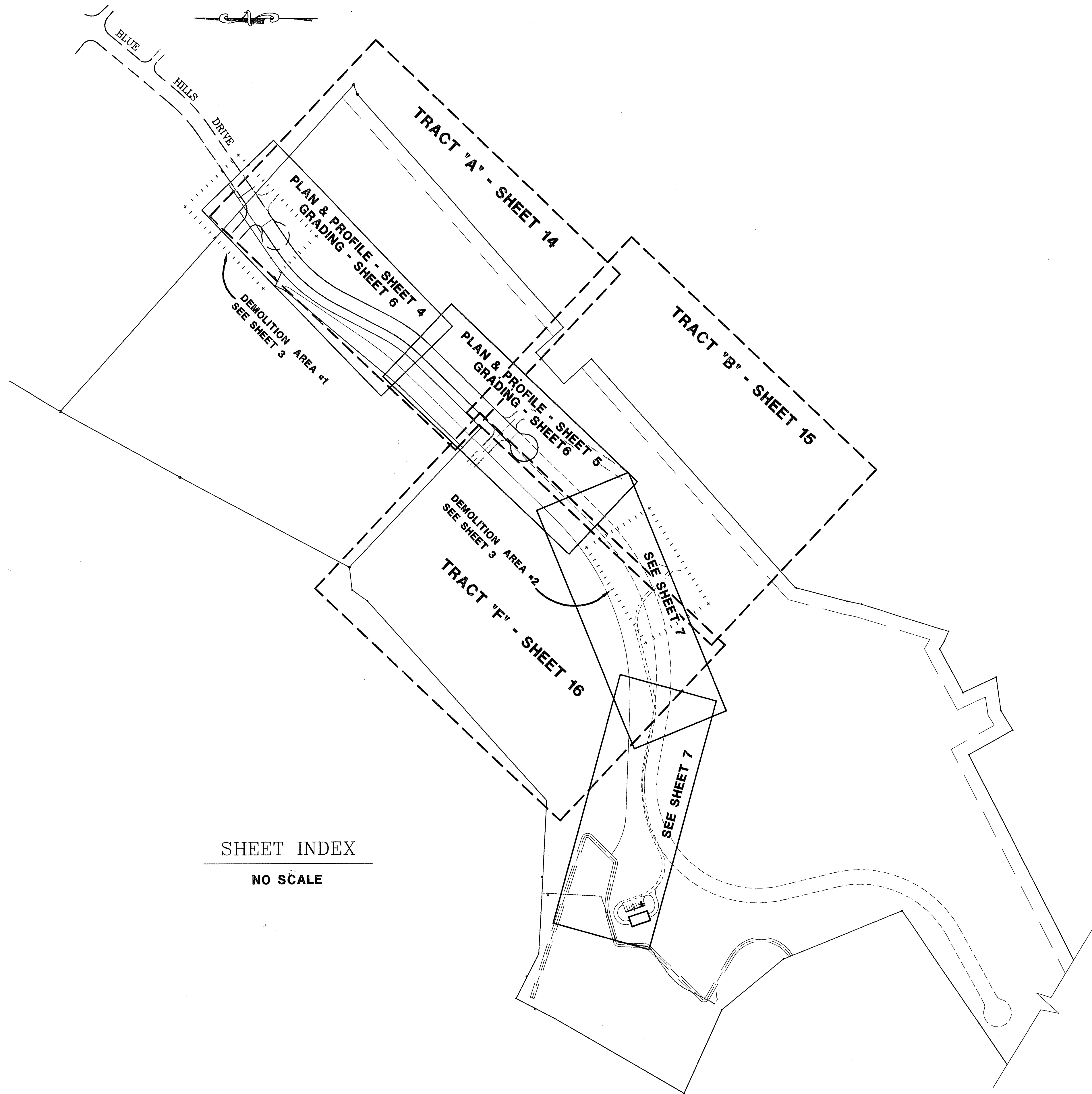


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SUMMARY OF QUANTITIES		
DESCRIPTION	UNIT	QTY.
DEMOLITION	L.S.	
EXCAVATION	L.S.	
BLUE HILLS DRIVE AND OUTFALL DITCH IMPROVEMENTS (APPOX. 25,300 C.Y. TOTAL)		
TRACT A (APPOXIMATE 138,300 C.Y. TOTAL WITH APPROX. 13,600 C.Y. HARD MATERIAL)		
TRACT B (APPOXIMATE 42,600 C.Y. TOTAL WITH APPROX. 8,520 C.Y. HARD MATERIAL)		
TRACT F (APPOXIMATE 90,750 C.Y. TOTAL WITH APPROX. 7,260 C.Y. HARD MATERIAL)		
CLEARING AND GRUBBING (APPROXIMATE) 19 AC.	L.S.	
AGGREGATE BASE OR SUBBASE COURSE, 21B GRADATION	TONS	3,783
ASPHALTIC CONCRETE BASE COURSE, BM-2	TONS	2,358
ASPHALTIC CONCRETE SURFACE COURSE, SM-2A	TONS	854
CONCRETE CURB AND GUTTER, CG-6	L.F.	2,760
STREET TREES	EA.	28
15" CONCRETE PIPE	L.F.	105
18" CONCRETE PIPE	L.F.	255
24" CONCRETE PIPE	L.F.	153
30" CONCRETE PIPE	L.F.	467
36" CONCRETE PIPE	L.F.	138
60" CONCRETE PIPE	L.F.	188
DI-3B CURB INLET, 6' LONG	EA.	1
DI-3B CURB INLET, 8' LONG	EA.	3
DI-3B CURB INLET, 10' LONG	EA.	1
DI-3C CURB INLET, 8' LONG	EA.	2
DI-4CC CURB INLET, 14' LONG	EA.	2
STORM DRAIN MANHOLE, MH-1	EA.	1
30" ENDWALL, EW-1	EA.	1
30" ENDWALL, EW-1 WITH ENERGY DISSIPATOR	EA.	1
60" ENDWALL, EW-7 WITH CONCRETE APRON	EA.	2
24" END-SECTION, ES-1	EA.	1
36" END-SECTION, ES-1	EA.	1
EC-1, CLASS I RIPRAP	S.Y.	20
EC-1, CLASS II RIPRAP	S.Y.	30
GROUTED CLASS I RIPRAP	S.Y.	367
16" DUCTILE IRON WATER PIPE	L.F.	1,272
12" DUCTILE IRON WATER PIPE	L.F.	155
16" GATE VALVE AND VAULT	EA.	1
12" GATE VALVE AND VAULT	EA.	3
FIRE HYDRANT ASSEMBLY	EA.	2
10" DUCTILE IRON SANITARY SEWER PIPE	L.F.	376
SANITARY SEWER MANHOLE WITH FRAME & COVER	EA.	3
EXISTING MANHOLE ADJUSTMENT	EA.	4
PAVED DITCH, PG-5	L.F.	2,970
SOIL STABILIZATION MAT	S.Y.	16,630
EROSION & SEDIMENT CONTROL	L.S.	

BLUE HILLS DR.

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DATE

REMARKS

INDEX OF SHEETS OF SUMMARY & SUMMARY OF QUANTITIES

INFRASTRUCTURE IMPROVEMENTS FOR ROANOKE CENTRE FOR INDUSTRY AND TECHNOLOGY PREPARED FOR CITY OF ROANOKE, VIRGINIA

DATE: SEPTEMBER 14, 2000

COMMISSION NO. 89-435

0ADD FILE: F:\08\09435\09435SUMOFQUAN

SHEET NO. 2/19

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA

LA

COMMONWEALTH OF VIRGINIA
9-14-00
B. LEE HENDERSON, JR.
Professional Engineer
No. 17591

4664 BRAMBLETON AVENUE
P.O. BOX 20669
ROANOKE, VIRGINIA 24018

PHONE (540) 774-4411
FAX (540) 772-9445
E-MAIL LUMSDENPC@AOL.COM