ABBREVIATIONS

D.I.	DROP INLET
D.E.	DRAINAGE EASEMENT
ELEV.	ELEVATION
EXIST.	EXISTING
INV.	INVERT
L	LENGTH
M.H.	MANHOLE
PVMT.	PAVEMENT
S.S.E.	SANITARY SEWER EASEMENT
STA.	STATION
STD.	STANDARD
P.V.C.	POINT OF VERTICAL CURVATURE
V.C.	VERTICAL CURVE
P.V.T.	POINT OF VERTICAL TANGENCY
S.D.	SIDE DISTANCE
P.V.I.	POINT OF VERTICAL INTERSECTION
SAN.	SANITARY

LEGEND

EXISTING

- MANHOLE
- STORM DRAIN INLET
- STORM DRAIN LINE & SIZE
- BUILDING
- EDGE OF STREET
- FENCE
- FIRE HYDRANT
- GATE VALVE
- PROPERTY LINE
- CONTOUR LINE (924)
- SANITARY SEWER TO BE ABANDONED
- SANITARY SEWER TO REMAIN
- WATER LINE TO BE ABANDONED
- WATER LINE TO REMAIN
- GAS LINE TO BE ABANDONED
- GAS LINE TO REMAIN
- UNDERGROUND TELEPHONE TO BE ABANDONED
- UNDERGROUND TELEPHONE TO REMAIN
- UNDERGROUND ELECTRIC TO BE ABANDONED
- UNDERGROUND ELECTRIC TO REMAIN
- SANITARY SEWER MANHOLE TO BE ABANDONED
- SANITARY SEWER MANHOLE TO REMAIN
- WATER VALVE TO BE ABANDONED
- WATER VALVE TO REMAIN
- FIRE HYDRANT TO BE ABANDONED
- FIRE HYDRANT TO REMAIN
- UTILITY POLE TO BE REMOVED
- UTILITY POLE TO REMAIN
- TELEPHONE POLE TO REMAIN
- BUILDING TO BE REMOVED
- PAVING TO BE REMOVED
- OVERHEAD ELECTRIC TO REMAIN
- OVERHEAD ELECTRIC TO BE REMOVED

NEW

- STORM DRAIN LINE & SIZE
- SEWER LINE
- WATER LINE
- STORM DRAIN INLET
- MANHOLE
- DRAINAGE STRUCTURE REFERENCE NUMBER
- NEW CURB & GUTTER
- CONTOUR LINE (924)
- BITUMINOUS PAVING
- CITY OF ROANOKE STANDARD ENTRANCE
- PROJECT BOUNDARY (12)
- WATER VALVE
- THRUST BLOCK
- FIRE HYDRANT
- PROPOSED TREES
- SWALE GUTTER

SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITIES PROJECT	QUANTITIES OFF-SITE
SEEDING - MIXTURE A	AC	1.5	0.2
SEEDING - MIXTURE B	AC	14.5	
15" STORM DRAIN PIPE	LF	143	70
18" STORM DRAIN PIPE	LF	75	
24" STORM DRAIN PIPE	LF	840	
DI-3B DROP INLET L= 6 FT	EA	1	
DI-3B DROP INLET L= 8 FT	EA	1	
DI-3B DROP INLET L= 14 FT	EA	1	
DI-3B DROP INLET L= 16 FT	EA	0	1
DI-3B DROP INLET L= 18 FT	EA	2	
DI-3B DROP INLET L= 20 FT	EA	2	
DI-3C DROP INLET L= 6 FT	EA	1	
DI-3C DROP INLET L= 8 FT	EA	1	
DR-3C DROP INLET L= 20 FT	EA	1	
6" SANITARY SEWER	LF	318	
8" SANITARY SEWER	LF	1034	
10" SANITARY SEWER	LF	646	132
12" SANITARY SEWER	LF	982	
CONN. TO EXIST. STORM DRAIN	EA	5	
CONN. TO EXIST. SANITARY SEWER	EA	6	1
MANHOLE BARREL	VF	120	
MANHOLE FRAME AND COVER	EA	11	
DROP MANHOLE CONNECTION	EA	1	
SERVICE CONNECTIONS SAN SEWER	EA	6	
6" WATER MAIN	LF	1000	
8" WATER MAIN	LF	1760	40
6" GATE VALVE AND VAULT	EA	15	
8" GATE VALVE AND VAULT	EA	5	
CONN. TO EXIST. WATER SYSTEM	EA	2	1
FIRE HYDRANTS	EA	6	
TRENCH STABILIZATION MATERIAL	CY	90	
UTILITY ROCK EXCAVATION	CY	1160	
PAVEMENT REPLACEMENT	SY	10	
AGGREGATE BASE	TON	3350	1540
BITUMINOUS CONCRETE BASE TYPE B-3	TON	2840	1540
BITUMINOUS CONCRETE SURFACE TYPE S-5	TON	1120	515
CONCRETE CURB AND GUTTER	LF	4000	1460
CONCRETE SIDEWALK	SY	40	
CONCRETE ENTRANCE	SY	75	75
STREET NAME SIGN ASSEMBLY IN PLACE	EA	4	
CONCRETE MEDIAN VDHT STD MS-1	LF	145	
STREET TREES	EA	61	
SWALE GUTTER	LF		270

REVISION	DATE	DESCRIPTION

DESIGNED B.L.H.
DRAWN T.S.B.
CHECKED

DEANWOOD COMMUNITY DEVELOPMENT PROGRAM (CD-2)
ABBREVIATIONS, LEGEND, AND SUMMARY OF QUANTITIES

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ENGINEERS-SURVEYORS
ROANOKE, VIRGINIA

SCALE
DATE 23 MAR. 1984
COMM 81-338
SHEET # 2 OF 14

PLAN NO. 5907