PLAN	
NOTE BOOK NO.	SURVEYED PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED

BY	DATE
W.E.G.	11-11-63
R.E.P.	11-22-63

MATCH SEE SH. 17
P.I. 75+08.33
Δ = 29°-10'-30" Lt.
D = 7.1°
M.H. NO. 34
75+08.33
EXIST. M.H.
TOP EL. 983.26
INV. EL. 978.07
LINE
NAIL & CAP IN 10" TREE
NAIL & CAP IN 6" TREE
HUB & TACK 75+80.48
NAIL & CAP IN 8" TREE
NAIL & CAP IN 6" TREE
HUB & TACK 76+19
NAIL & CAP IN 14" TREE
NAIL & CAP IN 6" TREE
HUB & TACK 79+33.15
NAIL & CAP IN 3" TREE
NAIL & CAP IN 12" TREE
HUB & TACK 80+80.34
NAIL & CAP IN 2" TREE
NAIL & CAP IN 30" TREE
HUB & TACK 81+91.60
HUB & TACK 83+13.73
NAIL & CAP IN 24" TREE
NAIL & CAP IN 5" TREE
NAIL & CAP IN 6" TREE
NAIL & CAP IN 8" TREE
HUB & TACK 83+77.04
P.I. 79+33.13
Δ = 38°-30'-00" Rt.
P.I. 80+80.54
Δ = 8°-30'-00" Lt.
P.I. 81+91.60
Δ = 4°-36'-00" Lt.
P.I. 83+13.73
Δ = 11°-11'-00" Lt.
P.I. 83+77.04
Δ = 18°-02'-00" Lt.
M.H. NO. 37
79+67.77 BK.
79+90.08 AHD.
Δ = 33°-00' Rt.
D = 11.4
M.H. NO. 38
81+30.68 BK.
81+30.24 AHD.
Δ = 19°-14' Lt.
D = 6.0
M.H. NO. 39
83+13.73
D = 6.3
M.H. NO. 40
P.I. 83+77.04
Δ = 18°-02'-00" Lt.
85+77.04
M.H. NO. 35
75+90.48
D = 16.0
EXIST. M.H.
TOP EL. 984.41
INV. EL. 979.41
EXIST. M.H.
TOP EL. 982.54
INV. EL. 972.54
EXIST. M.H.
TOP EL. 977.36
INV. EL. 972.36
P.I. 75+90.48
Δ = 110°-48'-00" Lt.
P.I. 76+19.00
Δ = 0°-35'-00" Rt.
MATCH SEE SH. 18
WOODS
OPEN FIELD
SCATTERED TREES
MUD LICK CREEK
ALONG CREEK BANK
SURVEY ℄
SEWER
18"
15" C.I.
15"
5' FILL
282
270
162
108
263
330
74
75
73
76
77
78
79
80
81
82
83
84
85
86
87
88

SCALE: 1 IN.=50 FT.

PROFILE	
NOTE BOOK NO.	SURVEYED PLOTTED GRADES CHECKED B. M.'s NOTED STRUCTURE NOTATIONS CK'KD

BY	DATE
W.E.G.	11-12-63
R.E.P.	

1000
990
980
970

M.H. NO. 34
TYPE A
TOP EL. 983.0
M.H. NO. 35
TYPE A
TOP EL. 991.0
M.H. NO. 36
TYPE A
TOP EL. 983.00
M.H. NO. 37
TYPE A
TOP EL. 984.50
M.H. NO. 38
TYPE A
TOP EL. 978.50
M.H. NO. 39
TYPE A
TOP EL. 977.00
M.H. NO. 40
TYPE A
TOP EL. 976.00
INV EL 977.15
18" SEWER S = .0100
18" SEWER S = 0.0048
18" SEWER S = .0040
8" SEWER S = .0040
18" SEWER S = .0040
18" SEWER S = .0040
18" SEWER S = .0040
+08.33 ℄ M.H. INV. EL. 978.07
INV. EL. 978.07
+90.48 ℄ M.H. INV. EL. 975.25
INV. EL. 975.25
+60.00 ℄ M.H. INV. EL. 973.96
INV. EL. 973.96
+67.77 BK. ℄ M.H. INV. EL. 973.53
+80.00 AHD. ℄ M.H. INV. EL. 973.53
+30.66 BK. ℄ M.H. INV. EL. 972.93
+30.24 AHD. ℄ M.H. INV. EL. 972.93
+13.73 ℄ M.H. INV. EL. 972.20
INV. EL. 972.20
+77.04 ℄ M.H.
HOR. 1 IN. = 50 FT.
VERT. 1 IN. = 10 FT.

557

OR

COMMONWEALTH OF VIRGINIA
WILLIAM C. OVERMAN
CIVIL ENGINEER
Certificate No. 258
REGISTERED PROFESSIONAL ENGINEER

ROANOKE COUNTY SANITATION AUTHORITY
ROANOKE COUNTY, VIRGINIA

SANITARY SEWERAGE SYSTEM
PROJECT NO. 64-I
MUD LICK CREEK INTERCEPTOR
STA. 75 + 19.00 TO 88 + 90

DESIGNED:	W.E.G.	LANGLEY AND McDONALD CONSULTING ENGINEERS NORFOLK, VA.	SCALE: AS SHOWN
PLOTTED:	R.E.P.		DATE: MAR. 15, 1964
DRAWN:	R.E.P.		SHEET: 17 OF 20
CHECKED:	W.C.O.		DWG. NO. 51619

PLATE 1 - PLAN - PROFILE Q. P. R. & R. E. STANDARD
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