

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner:

Applicant:

Address:

Date Evaluated:

Proposed Facility:

Design Flow (.1949):

Property Size:

Location of Site:

Property Recorded:

Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Profile #	.1940 Landscape Position/Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L 2%	0-4	SL	FRGN NSMP					.25
		4-30	SC-CL	SL FRN 1 ^{1/2} SS.P	24				
2	L 2%	0-5	SL	FRGN NSMP					.25
		5-36	SC-CL	SL FRN 1 ^{1/2} SS.P	24				
3	L 2%	0-4	SL	FRGN NSMP					.25
		4-30	SC-CL	SL FRN 1 ^{1/2} SS.P	36				
4	L 2%	0-5	SL	FRGN NSMP					.3
		5-	SC-CL	SL FRN 1 ^{1/2} SS.P	36				
5	L 2%	0-5	SL	FRGN NSMP					.3
		5-30	SC-CL	SL FRN 1 ^{1/2} SS.P	34				
6	L 2%	0-4	Exp Fall	EXPANSION	Chromatoloss				.25
		4-42	SC-CL	SL FRN 1 ^{1/2} SS.P	26-4" = 22				
7	L 2%	4-30	SC-CL	SL FRN 1 ^{1/2} SS.P	22				.28

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946): _____
 Site Classification (.1948): _____
 Evaluated By: _____
 Others Present: _____

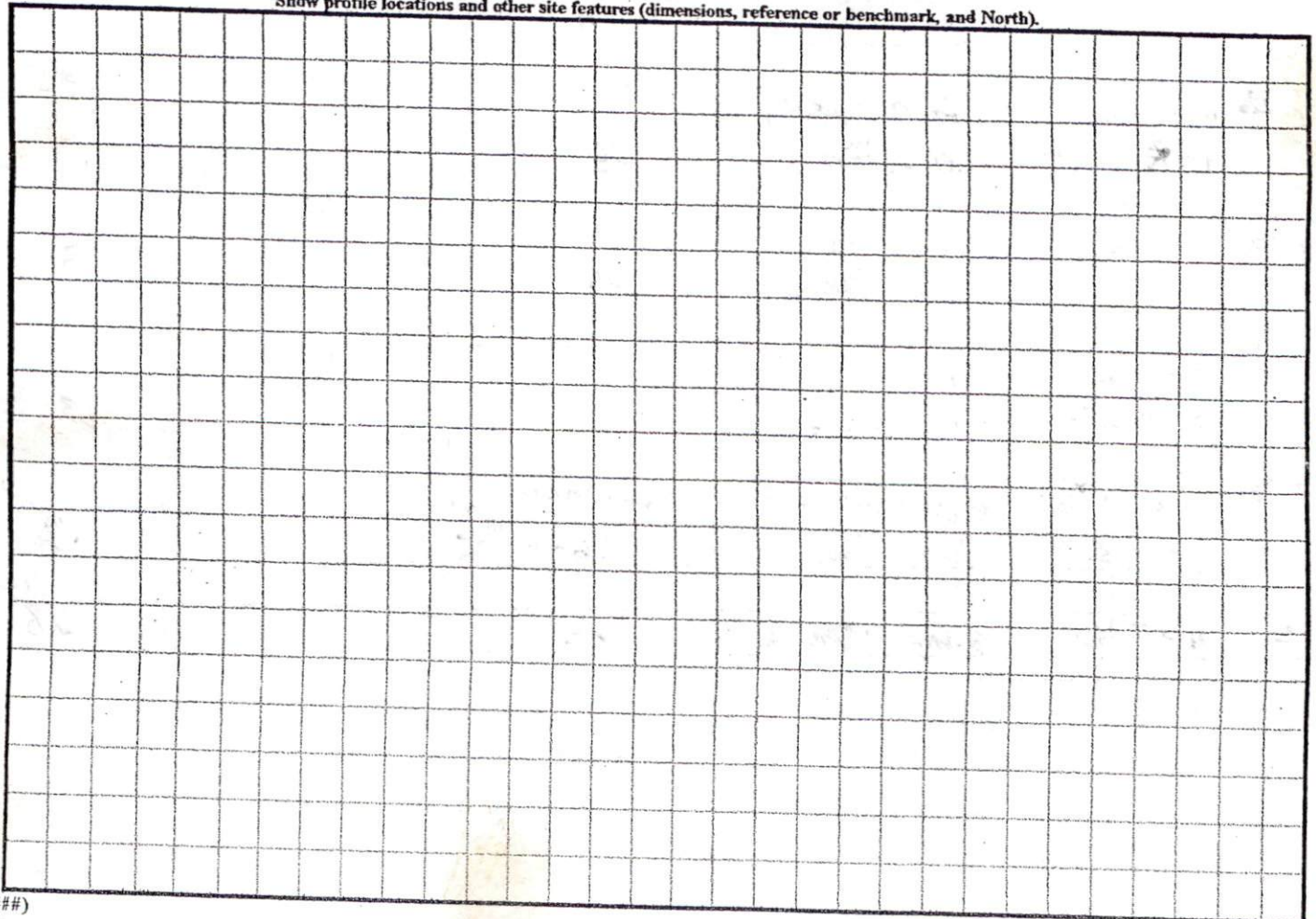
COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3		
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).



SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION WALT'S CROSSING LOT 10

INITIAL SYSTEM pump to innovative REPAIR SYSTEM INNOVATIVE (EASEMENT AREA)

BENCHMARK ELEV. 100.0 LOCATION rear corner 9/10

TYPE OF DISTRIBUTION D-box (w pump)

LTAR = 0.3 gal/ft²

LINE ELEVATION LENGTH(FT) FLAG COLOR

Init. d

1	100.0	70	Y
2	99.25	70	W
3	99.0	70	O
4	98.42	70	Y
5	97.92	25	W

6		37.5	
7		37.5	> if needed

Repair in easement

8	95.92	50	O
9	95.42	50	W
10	95.17	50	O
11	95.00	50	W
12	94.67	50	O
13	94.50	50	W

BY M Eaker DATE 08/20.5

FLAG COLOR: Y = YELLOW R = RED W = WHITE B = BLUE O = ORANGE P = PINK

North Carolina Rail Trail
(formerly Durham & Southern Railway)

Repair
casement
for lot
10

00' to FRB to Northern R/W of NCSR 1727 (60' R/W)-

91082224540

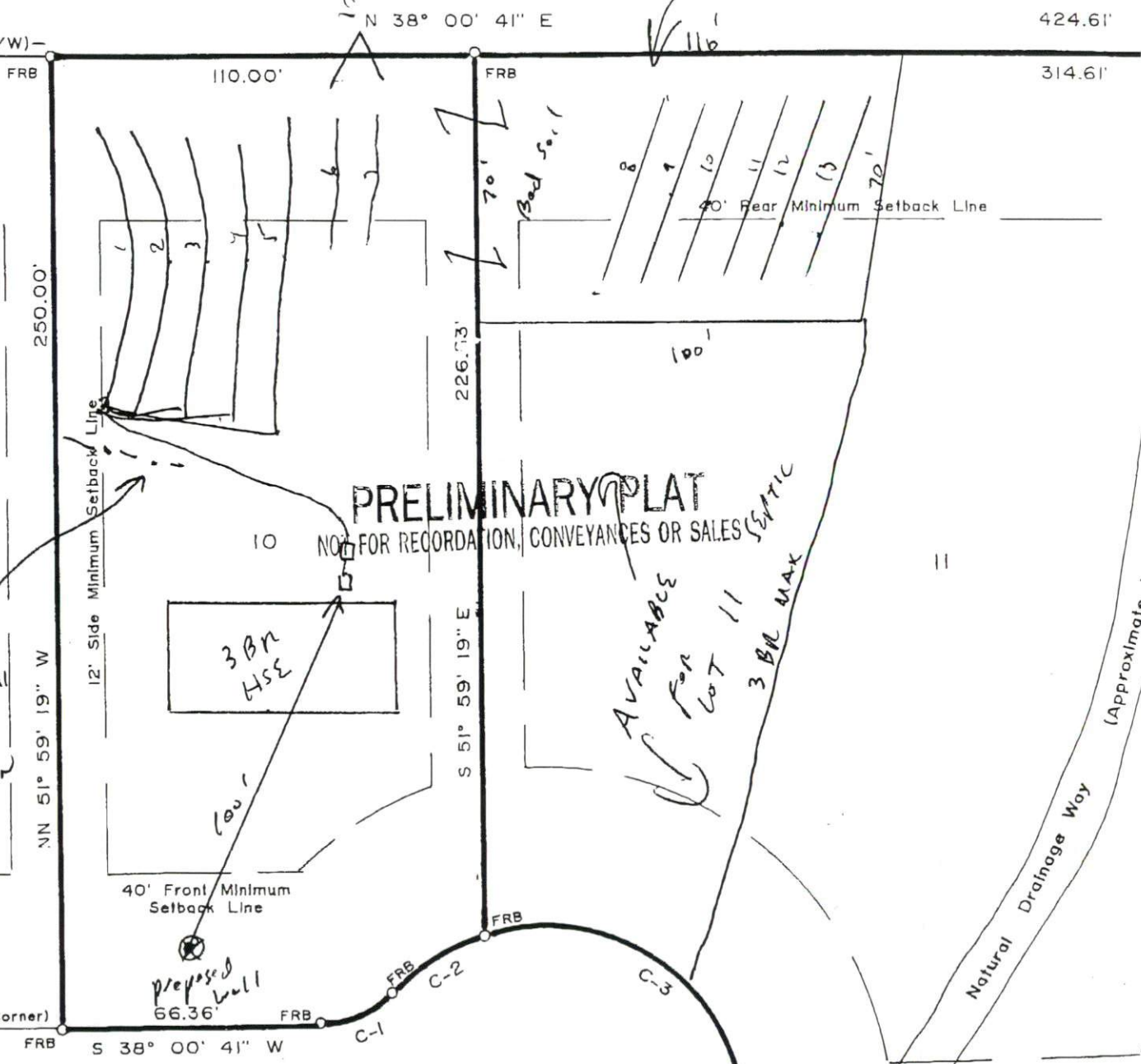
's Crossing Subdivision"
Map # 2002-1291

Michael Eaker
Recorded
at

Aug 25 05 08:04a

9

SMALL DITCH
TO BE
FILLED IN



PRELIMINARY PLAT

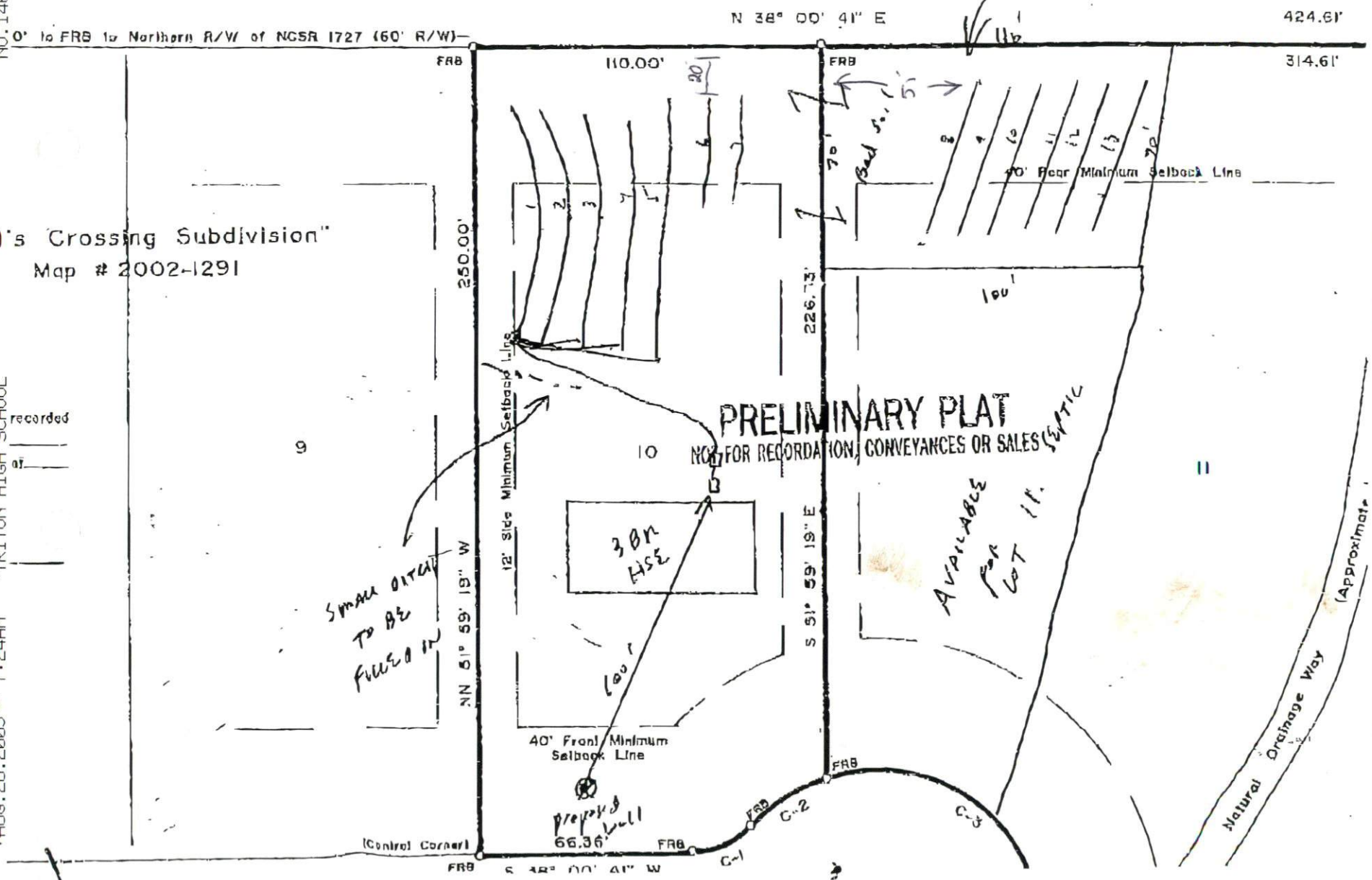
NOT FOR RECORDATION, CONVEYANCES OR SALES

Natural Drainage Way
(Approximate)

NO. 146 P. 2/7
TRITON HIGH SCHOOL
recorded
at
AUG. 26, 2005 7:24 AM

North Carolina Rail Trail (formerly Durham & Southern Railway)

*Repair
caveat
for lot
10*



's Crossing Subdivision"
Map # 2002-1291

*Small area
to be
filled in*

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES OR SALES

*AVAILABLE
FOR
LOT 11.*

*Natural Drainage Way
(Approximate)*

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PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION WALT'S CROSSINGS LOT 10

INITIAL SYSTEM pump to innovative REPAIR SYSTEM INNOVATIVE (EASEMENT AREA)

BENCHMARK ELEV. 100.0 LOCATION rear corner 9/10

TYPE OF DISTRIBUTION D-box (w pump)

CTAR = 0.3 yd/ft²

LINE	ELEVATION	LENGTH (Ft)	FLAG COLOR
1	100.0	70	Y
2	99.25	70	W
3	99.0	70	O
4	98.42	70	Y
5	97.92	75	W
6		37.5	
7		37.5	
8	95.92	50	O
9	95.42	50	W
10	95.17	50	O
11	95.00	50	W
12	94.67	50	O
13	94.50	50	W

Initial

Repair in easement

BY M. E. Allen DATE 08/20/05

FLAG COLOR: Y = YELLOW R = RED W = WHITE B = BLUE O = ORANGE P = PINK