

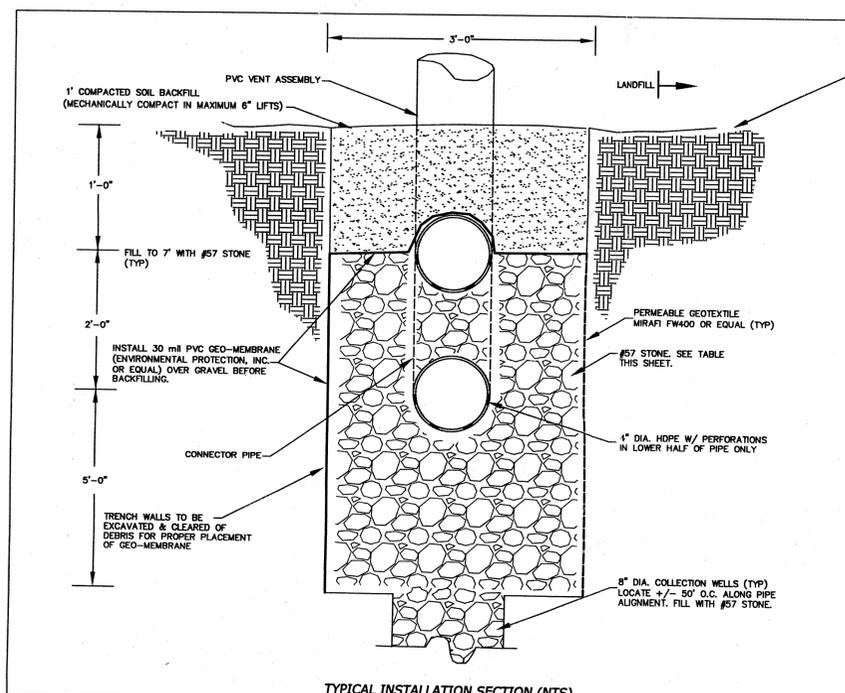
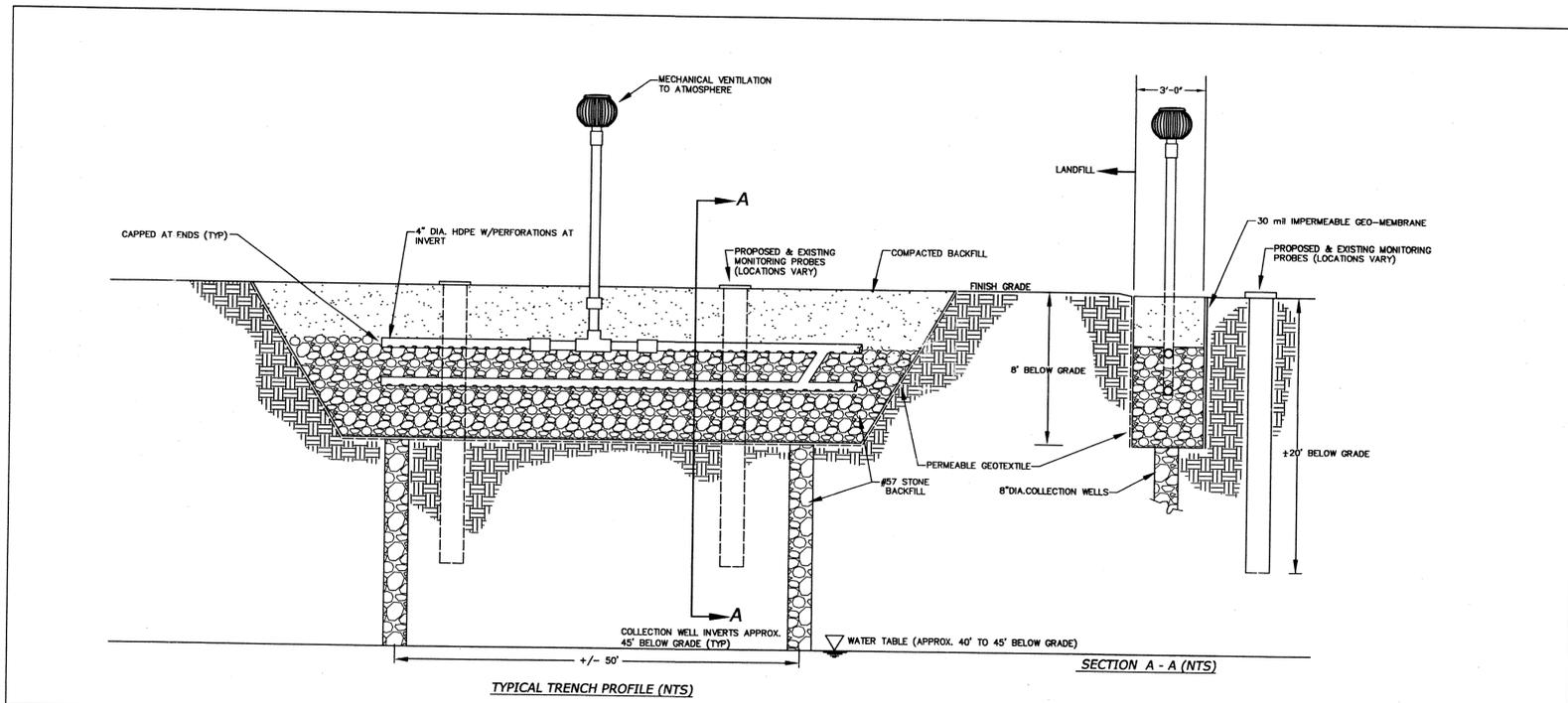
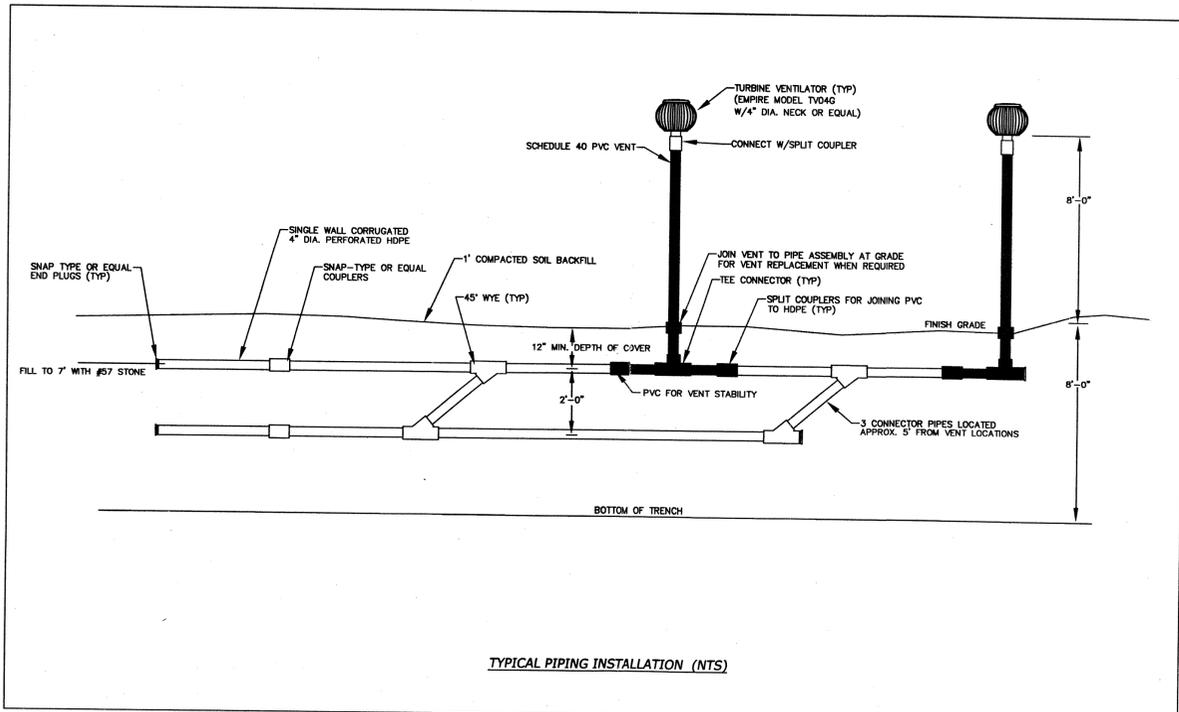
6013Map2002 - Batch No. \_\_\_\_\_

Mecklenburg Co.

3

60132002

Map



**RE-SEED & MULCH ALL DISTURBED AREA FROM STA. 0+00 TO 4+00**

TALL FESCUE	100 LB/ACRE
SERICEA LESPEDEZA	20 LB/ACRE
KOBE LESPEDEZA	10 LB/ACRE

**SEEDING NOTES:**

- IN EASTERN PIEDMONT ADD 25LB/ACRE PENSACOLA BAHIAGRASS OR 10LB/ACRE COMMON BERMUDBASS. USE COMMON BERMUDBASS ONLY WHERE IT IS UNLIKELY TO BECOME A PEST.
- AFTER AUG.15 USE UNSCARIFIED SERICEA SEED.
- WHERE A NEAT APPEARANCE IS DESIRED, OMIT SERICEA AND SUBSTITUTE 40LB/ACRE BAHIAGRASS OR 15LB/ACRE BERMUDBASS.
- TO EXTEND SPRING SEEDING DATES INTO JUNE, ADD 15LB/ACRE HULLED BERMUDBASS. HOWEVER, IT IS PREFERABLE TO SEED TEMPORARY COVER AND SEED FESCUE IN SEPT.

**NURSE PLANTS:** BETWEEN MAY 1 AND AUG. 15, ADD 10LB/ACRE GERMAN MILLET OR 15LB/ACRE SUDANGRASS. PRIOR TO MAY 1 OR AFTER AUG. 15, ADD 40LB/ACRE RYE (GRAIN).

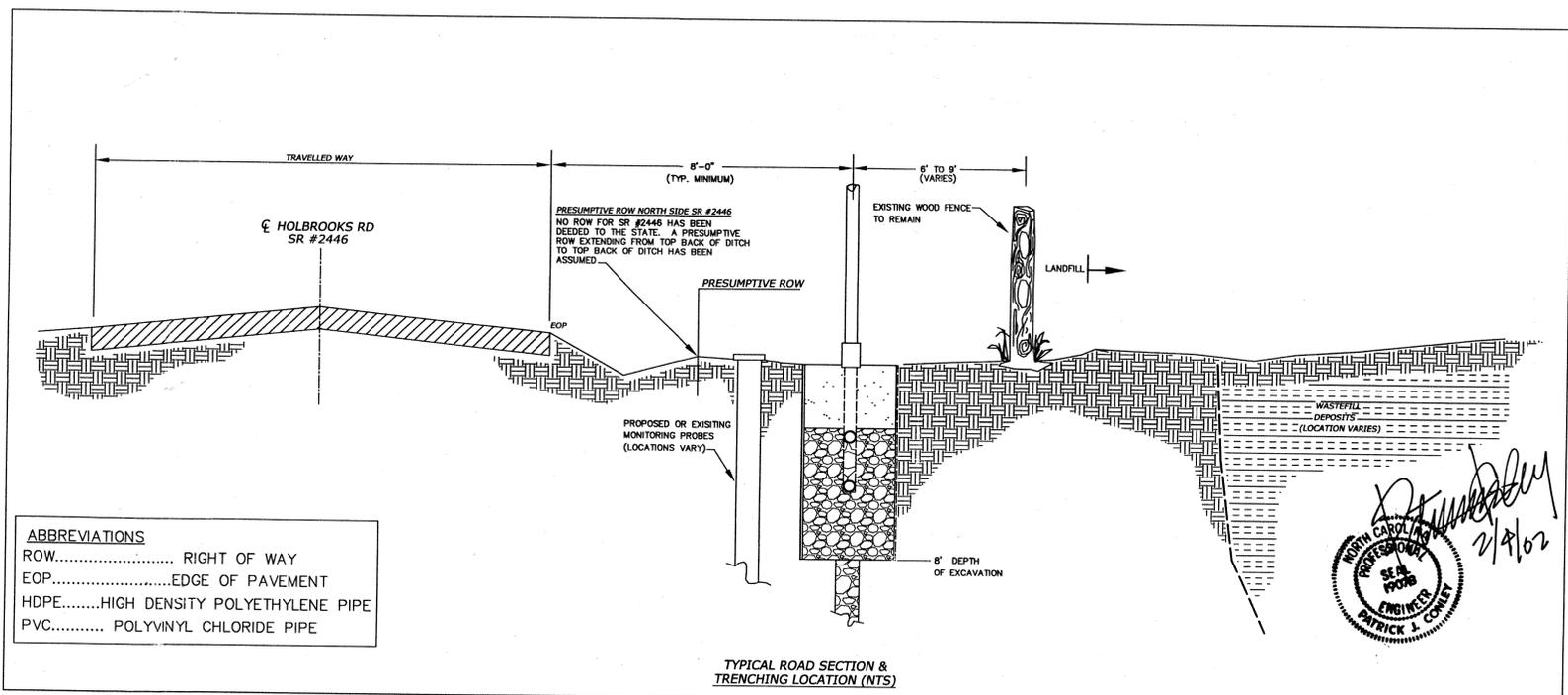
**SEEDING DATES:** FALL: BEST AUG.25-SEPT.15 POSSIBLE AUG.20-OCT.25  
WINTER: BEST FEB.15-MAR. 21 POSSIBLE FEB.1 - APR. 15  
FALL IS BEST FOR TALL FESCUE AND LATE WINTER FOR LESPEDEZAS. OVERSEEDING OF KOBE LESPEDEZA OVER FALL-SEEDED TALL FESCUE IS VERY EFFECTIVE. USE UNHULLED BERMUDBASS SEED IN FALL.

**SOIL AMENDMENTS:** APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 4000LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1000LB/ACRE 10-10-10 FERTILIZER.

**MULCH:** APPLY 4000-5000LB/ACRE GRAIN STRAW, OR EQUIV. COVER OF ANOTHER SUITABLE MULCHING MATERIAL. ANCHOR MULCH BY TACKING WITH ASPHALT, ROVING OR NETTING. NETTING IS THE PREFERRED ANCHORING METHOD ON STEEP SLOPES.

**MAINTENANCE:** RE-FERTILIZE IN THE SECOND YEAR UNLESS GROWTH IS FULLY ADEQUATE. MAY BE MOWED ONCE OR TWICE A YEAR, BUT MOWING IS NOT NECESSARY. RE-SEED, FERTILIZE, AND MULCH DAMAGED AREAS IMMEDIATELY.

**TABLE 6.11k**  
SEEDING NO. 1P FOR STEEP SLOPES OR POOR SOILS  
LOW MAINTENANCE  
(FROM NORTH CAROLINA EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.)



**ABBREVIATIONS**

ROW.....RIGHT OF WAY  
EOP.....EDGE OF PAVEMENT  
HDPE.....HIGH DENSITY POLYETHYLENE PIPE  
PVC.....POLYVINYL CHLORIDE PIPE



STD. SIZE #	PERCENTAGE OF TOTAL BY WEIGHT PASSING SIEVE					
	1-1/2"	1"	1/2"	#4	#8	#200
#57	100	95-100	25-60	0-10	0-5	0-0.6

SYMBOL	ZONE	DESCRIPTION	DATE	BY

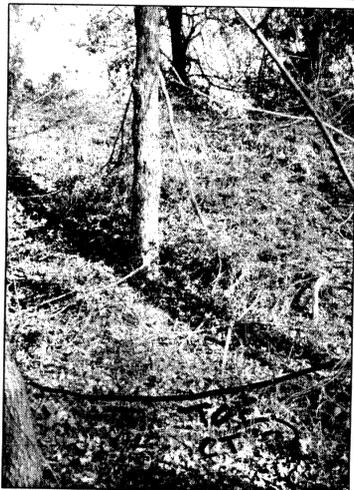
**ZAPATA ENGINEERING**  
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**MECKLENBURG COUNTY LAND USE AND ENVIRONMENTAL SERVICES AGENCY**

PROJECT #:	DATE:	REVIEWED BY:	DRAWN BY:	SCALE:	FIGURE:
980169	1-21-2002	PJC	DMS	AS SHOWN	C-3

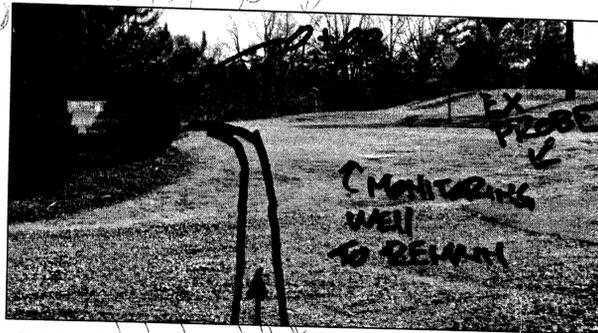
PROJECT TITLE: METHANE INTERCEPTION SYSTEM  
DAVID B. WAYMER FLYING FIELD  
DRAWING TITLE: SECTIONS & DETAILS



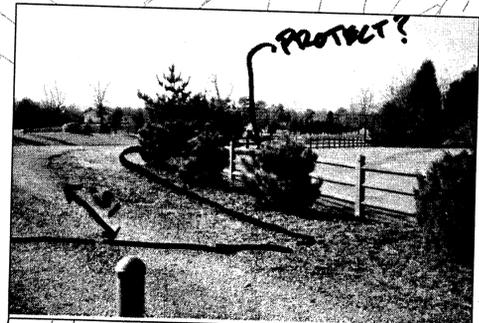
WASTEFILL LIMIT IS JUST BEYOND TOP OF BANK.



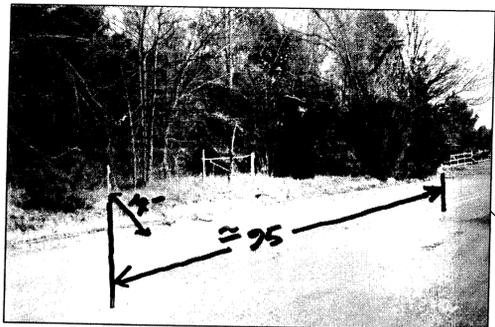
6 PROPOSED TRENCH ALIGNMENT/FOLLOWS TOE OF BANK, BEGINNING NEAR STATION 4+00 AND CONTINUING THROUGH WOODED AREA TO THE PROJECT LIMITS AT STATION 8+13.



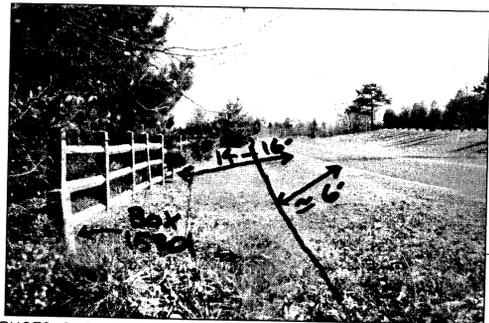
5 APPROXIMATE PROPOSED PIPE TRENCH ALIGNMENT, A TYPICAL EXISTING MONITORING PROBE, AND EXISTING MONITORING WELL TO REMAIN IN SERVICE.



4 TRENCH ALIGNMENT PLACED TO AVOID IMPACT TO EXISTING TREES AND ASPHALT.



8 PROPERTY CORNER MARKED WITH STEEL BAR AND LOCATED ABOUT 95 FT FROM WEST END OF WOOD FENCE, AND ABOUT 14 FT OFF EDGE OF PAVEMENT.



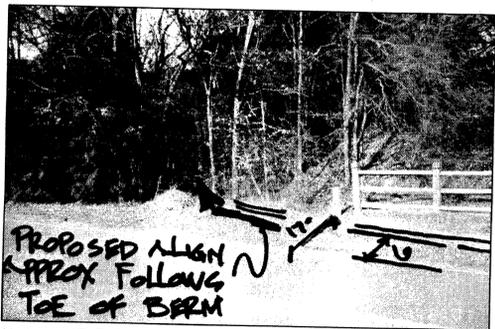
9 PHOTO SHOWING PHONE UTILITY BOX #15301, APPROXIMATE LOCATION OF SWALE BETWEEN ROAD AND FENCE, AND APPROXIMATE DISTANCES BETWEEN WOOD FENCE AND ROAD.



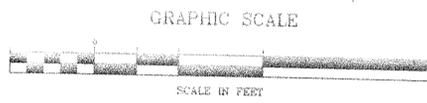
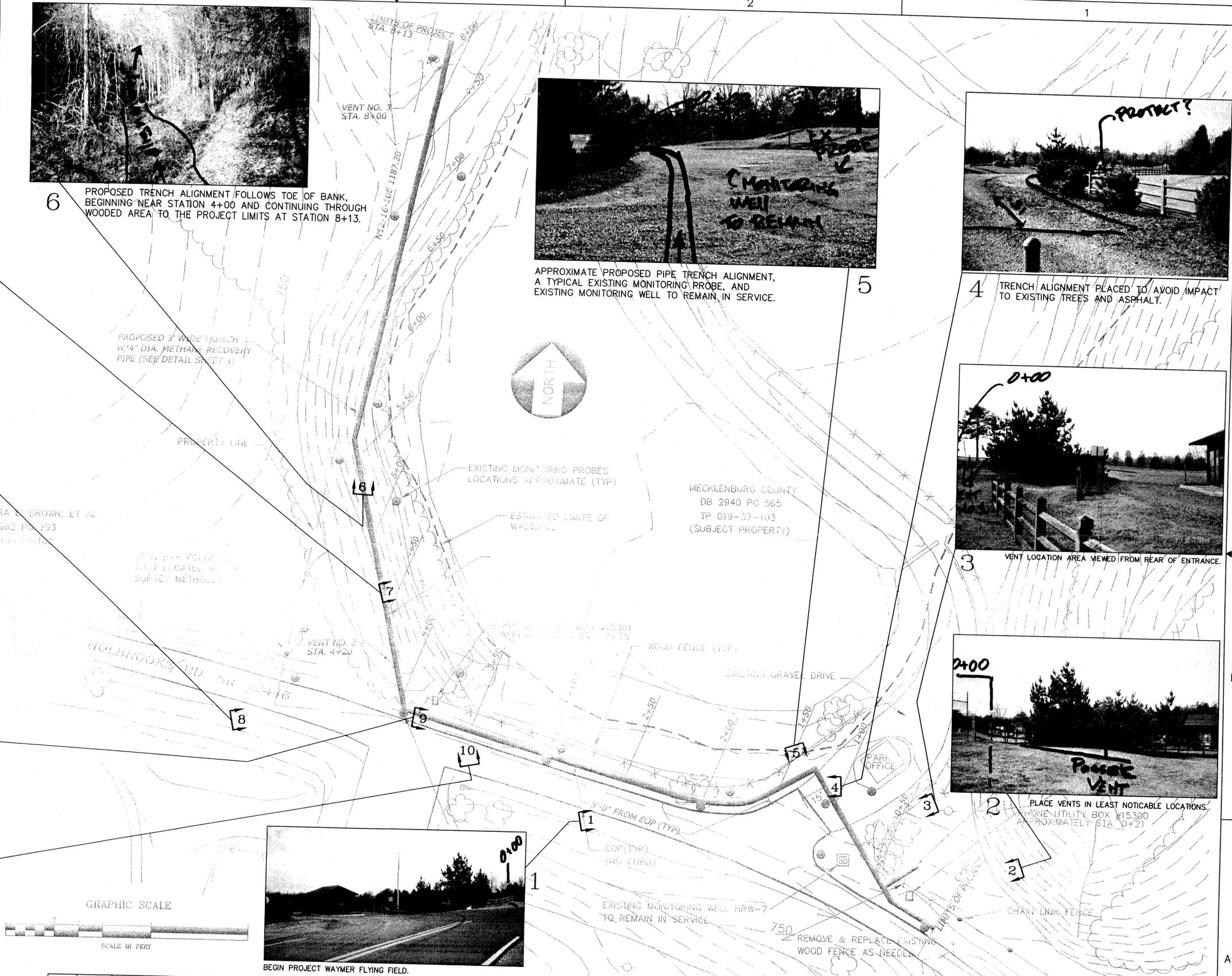
3 VENT LOCATION AREA VIEWED FROM REAR OF ENTRANCE.



2 PLACE VENTS IN LEAST NOTICABLE LOCATIONS. PHONE UTILITY BOX #15300 APPROXIMATELY STA. 0+21.



10 ALIGNMENT ENTERS WOODED AREA ABOUT STATION 4+00 ON PLAN.



SYMBOL	ZONE	DESCRIPTION	DATE	BY

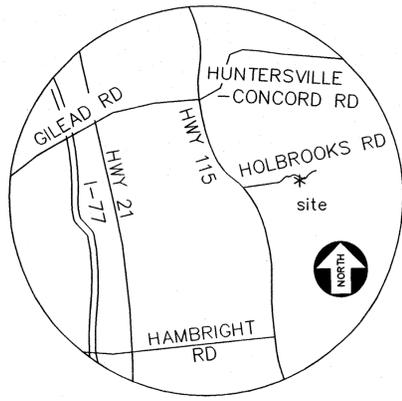
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**MECKLENBURG COUNTY**  
**LAND USE AND ENVIRONMENTAL**  
**SERVICES AGENCY**

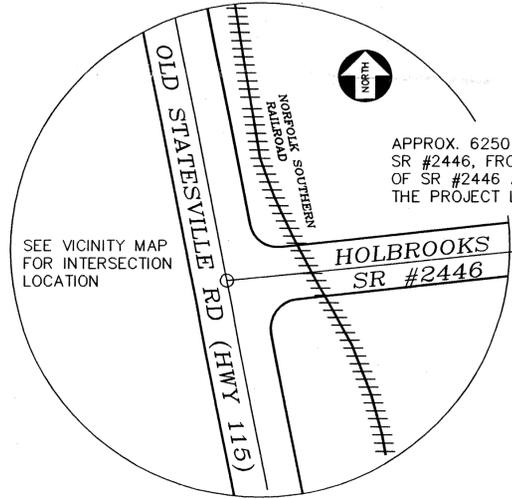
PROJECT #:	DATE:	REVIEWED BY:	DRAWN BY:	SCALE:	FIGURE:
980169	1-21-2002	PJC	DMS	AS SHOWN	C-2

PROJECT TITLE: METHANE INTERCEPTION SYSTEM  
 DAVID B. WAYMER FLYING FIELD  
 DRAWING TITLE: ALIGNMENT PHOTO KEY



VICINITY MAP  
n.t.s.

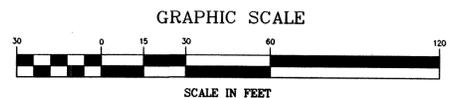
**NOTE:** NO BOUNDARY SURVEY WAS CONDUCTED FOR PREPARATION OF THESE PLANS. BOUNDARY INFORMATION SHOWN IS FROM THE SOURCES INDICATED ON THESE PLANS. THE RESPONSIBLE CONTRACTOR SHALL FIELD VERIFY WHERE NECESSARY.



SEE VICINITY MAP FOR INTERSECTION LOCATION

APPROX. 6250 ft (1.18 mi) ALONG SR #2446, FROM THE INTERSECTION OF SR #2446 AND HWY 115, TO THE PROJECT LIMITS.

ANNIE LAURA E. BROWN, ET AL  
DB 7962 PG 293  
TP 019-37-102



PROPOSED 3' WIDE TRENCH W/4" DIA. METHANE RECOVERY PIPE (SEE DETAIL SHEET 3)

PROPERTY LINE

IRON BAR FOUND (NOT LOCATED BY SURVEY METHODS)

HOLBROOKS RD. SR #2446

VENT NO. 2 STA. 4+20

PROPOSED MONITORING PROBE (TYP)

EOP(TYP) (NO CURB)

EXISTING MONITORING WELL HRW-7 TO REMAIN IN SERVICE

REMOVE & REPLACE EXISTING WOOD FENCE AS NEEDED

VENT NO. 3 STA. 8+00

LIMITS OF PROJECT STA. 8+13



EXISTING MONITORING PROBES LOCATIONS APPROXIMATE (TYP)

ESTIMATED LIMITS OF WASTEFILL

TYPICAL 8" DIA. GRAVEL FILLED METHANE COLLECTOR WELL SPACED APPROX. 50ft O.C. ALONG ALIGNMENT

PHONE UTILITY BOX #15301 APPROXIMATELY STA. 3+75

WOOD FENCE (TYP)

EXISTING GRAVEL DRIVE

PARK OFFICE

VENT NO. 1 STA. 0+31

PHONE UTILITY BOX #15300 APPROXIMATELY STA. 0+21

CHAIN LINK FENCE

MECKLENBURG COUNTY  
DB 2940 PG 565  
TP 019-37-103  
(SUBJECT PROPERTY)



SYMBOL	ZONE	DESCRIPTION	DATE	BY

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980169	1-21-2002	PJC	DMS	AS SHOWN	C-1

PROJECT TITLE: METHANE INTERCEPTION SYSTEM  
DRAWING TITLE: DAVID B. WAYMER FLYING FIELD  
SITE & PIPE ALIGNMENT PLAN