Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0 0 3 1 9 0 8 PIN #: 1 7 0 8 6 5 7 7 3 4

OP DATE: 0 7 1 2 6 1 2 0 0 5

SYSTEM USE:
- [x] House
- [ ] Mobile Home
- [ ] Business
- [ ] Other

SEWAGE TYPE:
- [x] Domestic
- [ ] Industrial

PUMP/SIPHON?:
- [x] Yes
- [ ] No

PRESSURE MANIFOLD:
- [ ] Yes
- [x] No

SYSTEM TYPE:
- [ ] I
- [ ] II
- [x] III
- [ ] IV
- [ ] V
- [ ] VI
- [ ] Other

SUB TYPE:
- [ ] A
- [x] B
- [ ] C
- [ ] D
- [ ] E
- [ ] F
- [ ] G

NBR BEDROOMS:
- [ ] 1
- [ ] 2
- [ ] 3
- [ ] 4
- [x] 5
- [ ] 6
- [ ] Other

MAINT. SCHEDULE:
- [ ] Yes
- [x] No

CERT. OPERATOR
- [ ] Yes
- [x] No

GT	ST	PT	SIZE
☐	☐		750
☐	☐	☐	900
☐	☐	☐	1,000
☐	☒	☐	1,200
☐	☐	☐	1,500
☐	☐	☒	1,800
☐	☐	☐	2,100
☐	☐	☐	2,500
☐	☐	☐	3,000
☐	☐	☐	4,000
☐	☐	☐	5,000
☐	☐	☐	8,000
	☐	☐	10,000
☐	☐	☐	Other
☒		☐	None/NA GT or PT

DRAINFIELD SIZE(SQ. FT.)

0 1 5 0 0

DRAIN TYPE:
- [ ] Stone
- [x] EZ Flow
- [ ] Infiltrator
- [ ] Biodiffuser
- [ ] Cultec
- [ ] Drip
- [ ] Hancor
- [ ] Large Dia. Pipe
- [ ] Multi-Pipe
- [ ] Other

MAX DEPTH (IN.):
- [ ] 12 in. or less
- [ ] 18 in. or less
- [x] 24 in. or less
- [ ] 26 in. or less
- [ ] 28 in. or less
- [ ] 30 in. or less
- [ ] 32 in. or less
- [ ] 36 in. or less
- [ ] Other

STONE DEPTH (IN.):
- [ ] 8 in. or less
- [x] 12 in. or less
- [ ] 18 in. or less
- [ ] 24 in. or less
- [ ] Other

TRENCHES:
- [x] Individual
- [ ] Bed

TRENCH WIDTH (IN.):
- [ ] 12 in. or less
- [ ] 18 in.
- [ ] 24 in.
- [x] 36 in.
- [ ] 6 ft. or less
- [ ] 9 ft. or less
- [ ] Other

TAH

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT
NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED
UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED
PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: **D031908** STATUS: **A** APP. DATE: **10/28/2004** BLDG. PERMIT#:
PIN: **1708.02 66 7734 000** TAX MAP: **0282 0000** RECORDED: **Y** ORIG. PERMIT#: **D017759**
TOWNSHIP: **02 BARTON"S CREEK** JURISDICTION: **WC** ZONING: **R40W**
APPLICANT: **OMAR, OMAR**
1001 DENFIELD CT
RALEIGH, NC 27615
(919) 606 - 0909
USE: HD USE: **0001 REPAIR/EXISTING SYSTEM**
EXIST USE: **101 ONE-FAMILY HOUSE**
DISPOSAL: BEDROOMS: **5** BASEMENT: **N** #EMPLOYEES: **0**
SITE: ADDRESS: **1001 DENFIELD**
SUBDIVISION: **CROSS GATE** LOT: **35** ACRES: **1.53**
DIRECTION: **SIX FORKS NORTH TL DURANT TRWHITE CHAPEL ON CORNER OF DENFIELD.**

Well System: WATER: **COMMUNITY** - TYPE: **EXISTING**

WELL LOG INFORMATION: DEPTH: ___ CASING DEPTH: ___ YIELD: _____ STATIC LEVEL: _____
WELL CONTRACTOR: _____ REG.# _____ PUMP CONTRACTOR: _____ REG.# _____
Construction Compliance GROUT APPROVED ☐ DATE _____ EHS _____
WELLHEAD APPROVED ☐ DATE _____ EHS _____
SYSTEM FINALIZED ☐ DATE _____ EHS _____
COMMENTS:

Operation Permit

DESIGN FLOW: **21.00** gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER: **R**

INSTALLED BY: Jay Adcock INSTALLATION APPROVED BY: [signature]
PROPRIETARY SYSTEM: **E E-Z LAY PIPE** FILTER NO: _____
COMMENTS:

OPERATIONS PERMIT ISSUED? ✓ OP DATE: 7/26/05 BY: [signature]

This permit is based in part on information provided by the homeowner or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The Environmental Health Specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

As Built Information:

Date: 7/19/05 Benchmark: ST. outlet Riser Rod reading: 4'2" Distance to Structure: ____
ST: ex. St. gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to Well: _____
PT: 1765 gals ID#: BTS-373 D.O.M.: 5-23-05 Elev.: 7'5"
D-box/FD/PM elev.: 3'9¼" Supply Line: _____ ft. Pump/Control Panel: _____

Line 1: 5'8½"	_____	_____	_____	Date:	_____
Line 2: 6'5½"	_____	_____	_____	Date:	_____
Line 3: 6'10¼"	_____	_____	_____	Date:	_____
Line 4: 7'11¾"	_____	_____	_____	Date:	_____
Line 5: _____	_____	_____	_____	Date:	_____

Distance to P/L: _____ Notes: _____

Zabel 12" A300 filter w/ support pipe installed in lieu of 1000 gal S.T.

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EXIST USE: **101 ONE-FAMILY HOUSE**
DISPOSAL: BEDROOMS: **5** BASEMENT: **N** #EMPLOYEES: **0** FOUND DRAIN: **Y**
SITE: ADDRESS: **1001 DENFIELD**
SUBDIVISION: **CROSS GATE** LOT: **35** ACRES: **1.53**
DIRECTION: **SIX FORKS NORTH TL DURANT TRWHITE CHAPEL ON CORNER OF DENFIELD.**

IMPROVEMENT PERMIT

TANK SIZE: **1000** gal. PUMP Tank: **1500** gal. SQ FT: **1500** INNOVATIVE MAX DEPTH LINE: **24** in.
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **III G** PUMP: **Y** P/M: **N**
DAILY FLOW: **600** gal/day DESIGN FEE REQ?: PAID?: WATER: **COMMUNITY**

COMMENTS: **ORIGINAL PERMIT D-17759 ISSUED FOR 5 LINES 133' LONG USING GRAVEL. PERMIT CHANGED @ INSTALLATION TO 4 LINES 125' LONG USING INNOV.. SYSTEM HAS HAD LANDSCAPING, TREES REMOVED AND TREES PLANTED ALL THROUGH SYSTEM AREA. 1200 GAL ST WAS CALLED FOR, BUT WAS SUPPOSED TO BE 1500GAL UNDER WC RULES. OWNER HAS CALLED THIS OFFICE FOR HELP DUE TO SYSTEM FAILURE. SYSTEM HAS BEEN EVALUATED BY EGJ AND THEN REFERRED TO ETD. ETD HAS HAD TANK LOOKED @ BY DR. GRIMES OF STATE ON-SITE WW SECTION. TANK IS SUFFERING FROM SEVERE SOLIDS OCCUMULATION. GREASE, SOLIDS & FOOD SCRAPS ARE ALL FOUND IN ST. SOLIDS SO LARGE, THAT NOT FEASIBLE TO HAVE BEEN PASSED THRU DIGESTIVE TRACT OR EVEN GARBAGE DISPOSAL. SEE PICTURES. OWNERS MUST STOP PUTTING ANY TYPE OF SOLID DOWN ANY DRAIN. ALL DISHES & POTS MUST BE SCRAPED CLEAN INTO GARBAGE CAN! ALL CLEANING PRODUCTS MUST BE SWITCHED TO NON-ANTIBACTERIAL OR NON-ANTIMICROBIAL. THAT INCLUDES SOAPS, CLEANSERS, WASHING POWDERS AND PERSONAL HYGEINE PRODUCTS. SEPTIC TANK, INLET & OUTLET, ALONG WITH "D" BOX MUST BE THOROUGHLY PUMPED & CLEANED!**

IP ISSUED? DATE: BY: ( ) NA PHONE#:

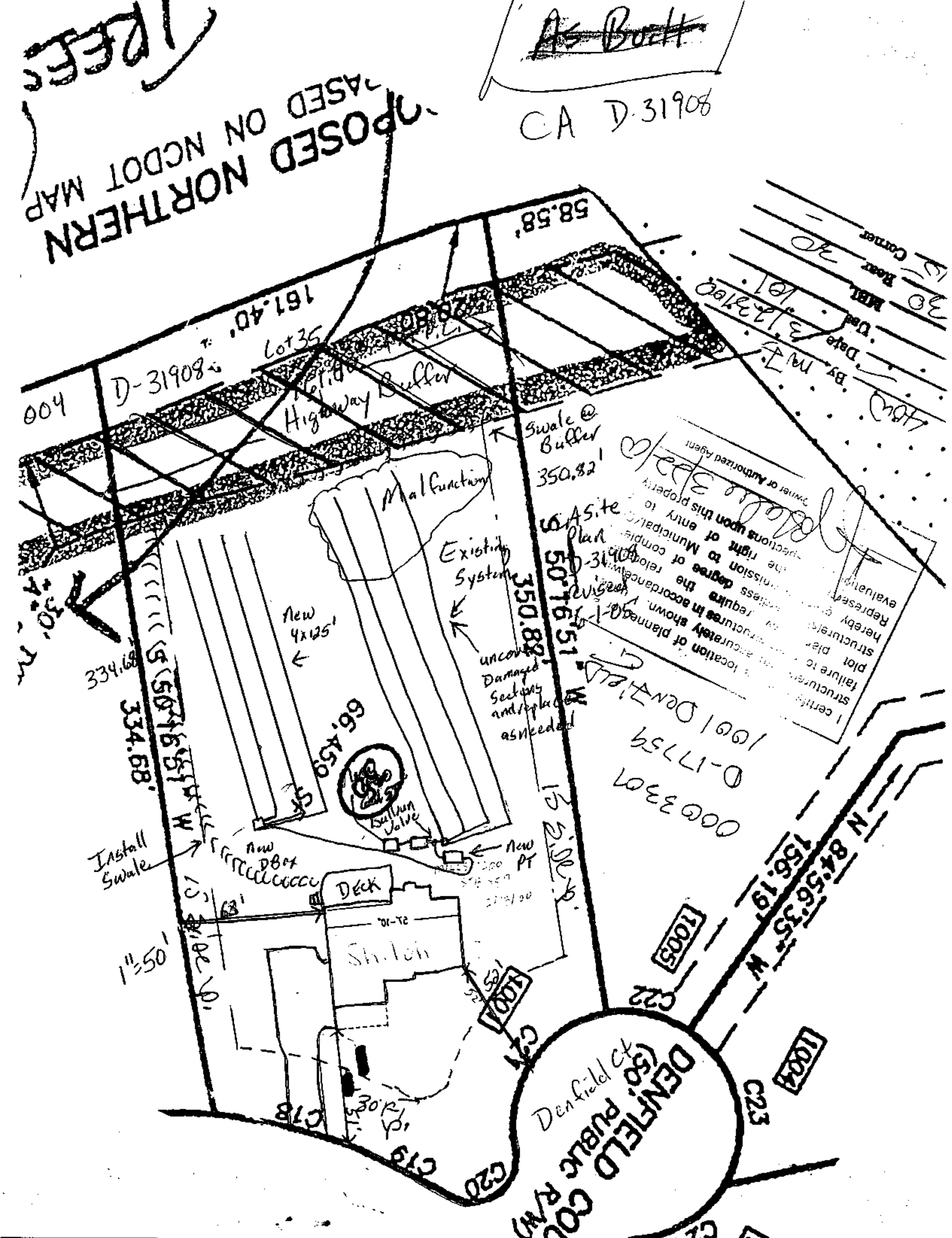
AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION
VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE
AUTHORIZATION CONDITIONS:

Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation is in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrification line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. **OTHER CONDITIONS:**

GROUND SURFACE OVER DRAINLINES MUST BE LIGHTLY TILLED & SOIL ADDED BY HAND OVER ENTIRE AREA TO LEVEL SITE OUT AND COVER AREAS WHERE SEEPAGE HAS OCCURED. LOCATE AND MARK ALL UTILITIES BEFORE DIGGING. INSTALL SURFACE DIVERSION ON TOP ALONG PROPERTY LINE TO DIVERT SURFACE WATER AROUND SYSTEM. LANDSCAPE AREA OVER DRAINFIELD TO SHED WATER. PIPE ALL ROOF DRAINS AROUND SYSTEM. CHECK TOILETS FOR LEAKS. SPREAD LAUNDRY OUT OVER WEEK. TANK NEEDS TO BE KEPT PUMPED FOR SEVERAL WEEKS, TO ALLOW WORK OVER DRAINLINES TO SETTLE. ***BESIDES DOING ALL OF THE WORK DESCRIBED ABOVE, A COMPLETE NEW SYSTEM MUST BE INSTALLED. ADD A NEW 1000 GAL ST IN SERIES TO EXISTING ST TO HELP HANDLE OVER USE OF SOLIDS. THEN SET A BULL RUN VALVE BETWEEN NEW ST & "D" BOX. CONNECT ALSO TO NEW 1500 GAL PT. PT THEN WOULD DOSE NEW 4 LINE DRAINFIELD 125' LONG USING ACCEPTED STATUS SYSTEM PRODUCT, WITH ITS 25% REDUCTION ALREADY CALCULATED INTO THE DESIGN. NEW ST WILL NOT REQUIRE FILTER IN "T", BUT WILL NEED RISER. DAMAGED PORTIONS OF EXISTING LINES MUST BE REPLACED AS WELL.

TANK SIZE: **1000** gal. PUMP TANK: **1500** gal. SQ FT: **1500** INNOVATIVE MAX DEPTH LINE: **24** in.
MAINT: **N** OPER: **N** L/O: **N** TRENCH#: **4** LENGTH: **125** ft. WIDTH: **36** in. DESIGNER: ___
SUBFIELDS: __ DESIGN HEAD PRESSURE: _ DESIGN FLOW: **21.00** gal/min DOSE VOLUME: **230** gal.

CA ISSUED? **Y** DATE: **06/01/2005** BY: **(ETD)** Ed Gudeks PHONE#: **856-7436**

 TREES
As Built
CA D-31908
PROPOSED NORTHERN
BASED ON NCDOT MAP
161.40'
58.58'
D-31908
Lot 35
Highway Buffer
004
Swale @ Buffer
350.82'
Malfunction
Existing System
New 4x125'
uncovered Damaged Sections and replaced as needed
Site Plan D-31908 Revised 3-1-05
350.82'
S 50°16'51" W
334.68'
334.68'
66.459
Ballun Valve
Install Swale
New DBox
New PT
DECK
63'
57-10
Sketch
1"=50'
30' R/W
C18
C19
C20
C21
C22
C23
1001
1003
1004
1005
156.19'
N 84°56'35" W
DENFIELD COURT (50' PUBLIC R/W)
Denfield Ct
1001 Denfield
D-17754
000 3307
Owner or Authorized Agent
By
Date
Dsd
MBL
Rear
Corner
I certify ... location of planned structures ... accurately shown ... structures in accordance ... require the degree of ... mission to Municipal ... right of entry to ... inspections upon this property