

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

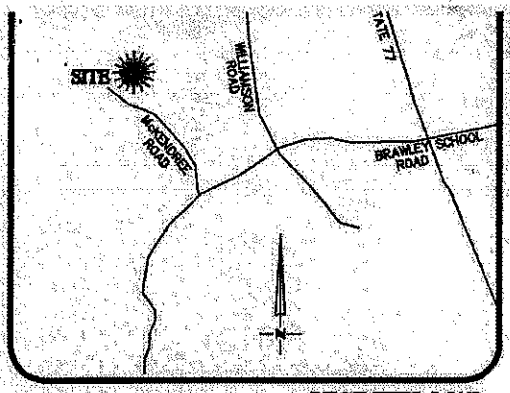
Reference: Data Sheet for 115 Stamford Ct., The Farms Lot 578
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Community Well
Number of Bedrooms: 5/600 GPD
Predetermined LTAR: 0.25 GPD/FT2 (ICHD)
Proposed System Type: Existing LP PPBPS
Proposed Repair System Type: PPBPS
Distribution: existing Low Pressure
Septic Tank Size: 1500/1500 gallons (existing)
Proposed Trench Bottom: 36'

Line	Design Length	Actual Length
Blue 1		19'
White 2		23'
Orange 3		30'
Pink 4		34'
Blue 5		29'
White 6		23'
Pink 7		21'
Blue 8 (ex)	**100'**	**100'**
White 9 (ex)	**100'**	**100'**
Blue 10 (ex)	**100'**	**100'**
White 11 (ex)	**100'**	**100'**
Orange 12		63'
Pink 13		47'
Blue 14		61'
Pink 15		63'
White 16		57'

OK MO 5/1/15

Initial System: 400' (ex) **Repair System:** 470'

Comments:
The purpose of this evaluation was to confirm adequate space for a pool. A paver patio cover a portion of the upper existing septic line and it appears that a fire pit is also on top of this line. We recommend removing or relocating the fire pit. The pool area is marked in orange flags. I existing system appeared to be functioning at the time of the inspection.



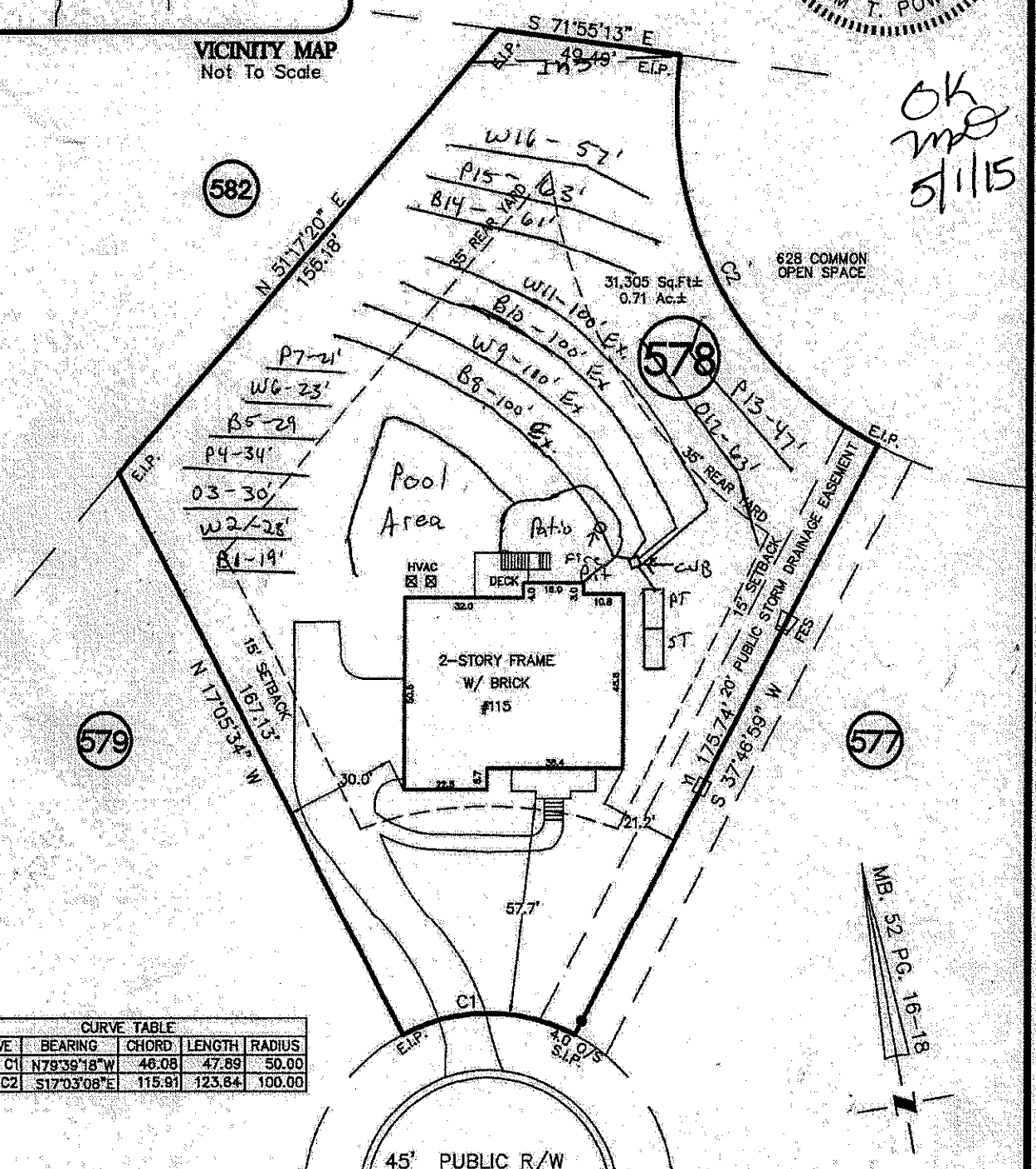
VICINITY MAP
Not To Scale

E.I.P.	EXISTING IRON PIN
E.C.M.	EXISTING CONCRETE MONUMENT
S.I.P.	SET IRON PIN
P.D.E.	PUBLIC DRAINAGE EASEMENT
P.U.E.	PUBLIC UTILITY EASEMENT
S.S.E.	SANITARY SEWER EASEMENT
F.P.E.	FLOOD PROTECTION ELEVATION
CLOSURE	EXCEEDS 1 INCH in 10,000'
	PROPERTY LINE
	ADJOINER PROPERTY LINE BY DEED OR PLAT

NORTH CAROLINA PROFESSIONAL SEAL L-3981 LAND SURVEYOR WILLIAM T. POWELL, JR.

OK MP 5/1/15

628 COMMON OPEN SPACE



MB. 52 PG. 16-18

CURVE TABLE				
CURVE	BEARING	CHORD	LENGTH	RADIUS
C1	N79°39'18"W	46.08	47.89	50.00
C2	S17°03'08"E	115.91	123.64	100.00

STAMFORD COURT

THIS PROPERTY MAY BE SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD OR IMPLIED

NOTE:
ALL LOTS ARE SUBJECT TO A 10' DRAINAGE & UTILITY EASEMENT ALONG THE FRONT, REAR, AND SIDE PROPERTY LINES OF ALL LOTS.

40 0 40

PHYSICAL SURVEY