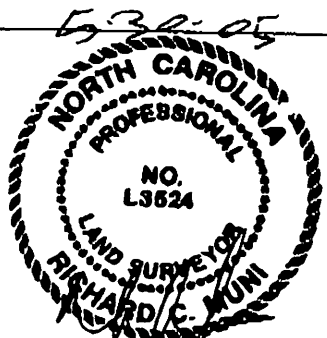


LOCATION SURVEY FOR:

TIMOTHY M. THOMAS



RICHARD C. MUNI
P.L.S. L-3524

LEGEND
 E.I.P. = EXISTING IRON STAKE
 E.I.P. = EXISTING IRON PIPE
 M.B.L. = MINIMUM BUILDING LINE

RICHARD C. MUNI
LAND SURVEYOR
 181 DIXON RD. HOLLY RIDGE N.C.
 910-938-3928

LOT # 1
 CEDAR LANDING SECT. I
 (UNFILED)

TOPSAIL TWP.
 PENDER CO. N.C.

SCALE:
 1" = 20'

DATE:
 4-21-05

REV 5-30-05 RCM

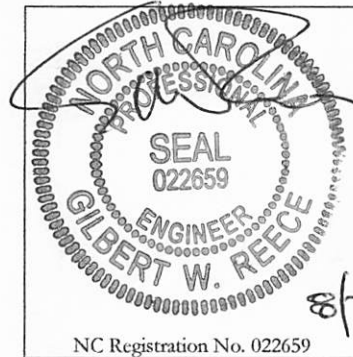
05-122

GILBERT W. REECE, P.E. P.C.

August 22, 2005

Town of Surf City
Attention: Steve Padgett
214 N. New River Drive
Surf City, NC 28445

CONTRACT: Stormwater Plan – Tim Thomas
774 Driftwood (Lot 1 Cedar Landing)
Surf City, NC 28445

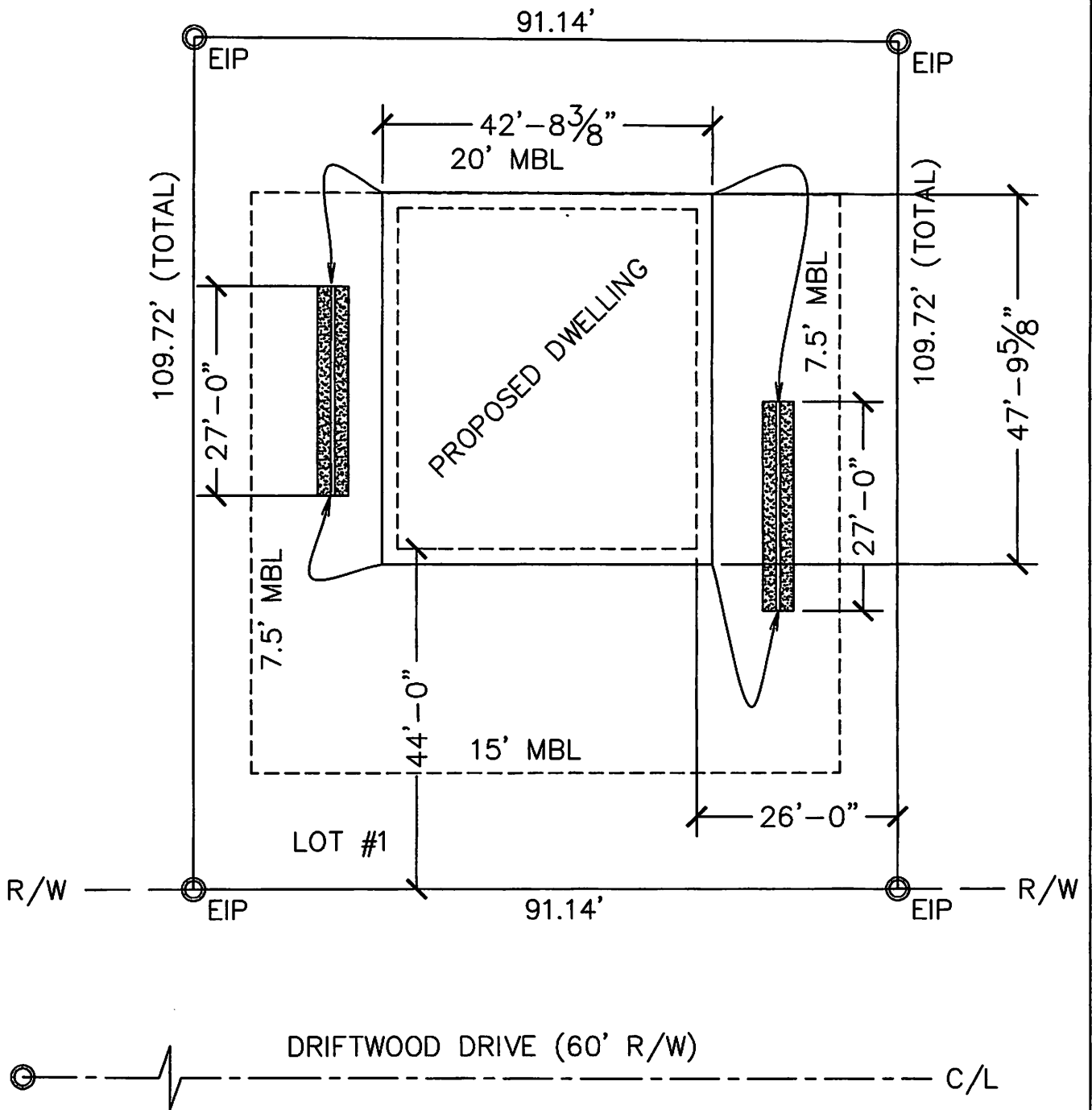


Dear Mr. Padgett,

A visual inspection was performed of the installed stormwater management system at 774 Driftwood (Lot 1 Cedar Landing). All aspects of the installation and construction are per the recommendations outlined on the drawing.

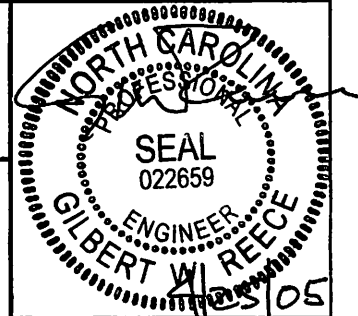
Sincerely,

Gilbert W. Reece, P.E. P.C.
Structural Engineer



GILBERT W. REECE P.E., P.C.

422 NORTH SHORE DRIVE SURF CITY, NC. 28445
 PHONE: 910.200-7616 EMAIL GWREECE@CHARTER.NET



STORMWATER PLAN

TIMOTHY THOMAS

LOT #1 CEDAR LANDING
 SURF CITY, NC 28445

DATE: 4/25/05	SCALE: 1"=20'	DRAWN BY: GWR	SHEET: 1 OF 2
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**STORMWATER CONTROL CALCULATIONS
FOR 1.5" OF RAINFALL IN 24 HOURS**

LOT AREA
10,000 SQ. FT.

ROOFED AREA
TOTAL = 2041 SQ. FT.

TOTAL IMPERVIOUS AREA
2041 SQ. FT./10,000 SQ. FT. = 20.4%
0% WITHIN LINE OF VEGETATION TO CAMA LINE

VOLUME 1.5" RAIN IN 24 HOURS ON ROOF
2041/8 = 255 CU. FT.

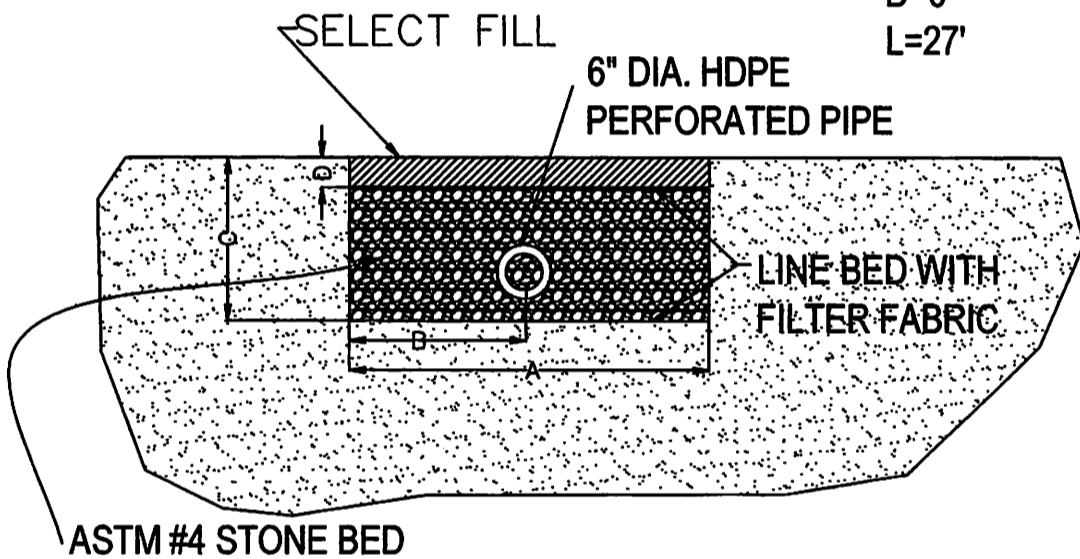
BED VOLUME
255 CU. FT./40% VOID SPACE IN STONE = 638 CU. FT.

BED SIZE
2 BEDS @ 3'Dx4'Wx27'L = 2X324 CU. FT. = 648 CU. FT.
648 CU. FT. PROVIDED
638 CU. FT. REQUIRED

DRIVEWAY
POROUS

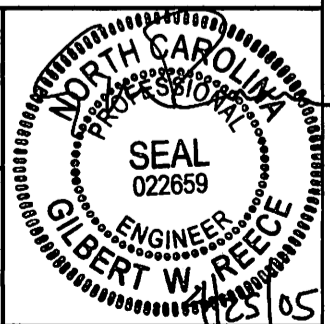
**DRAINBED SECTION
NOT TO SCALE**

A=4'
B=2'
C=3'-6"
D=6"
L=27'



GILBERT W. REECE P.E., P.C.

422 NORTH SHORE DRIVE SURF CITY, NC. 28445
PHONE: 910.200-7616 EMAIL GWREECE@CHARTER.NET



STORMWATER PLAN

TIMOTHY THOMAS

LOT #1 CEDAR LANDING
SURF CITY, NC 28445

DATE: 4/25/05	SCALE: 1"=20'	DRAWN BY: GWR	SHEET: 2 OF 2
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