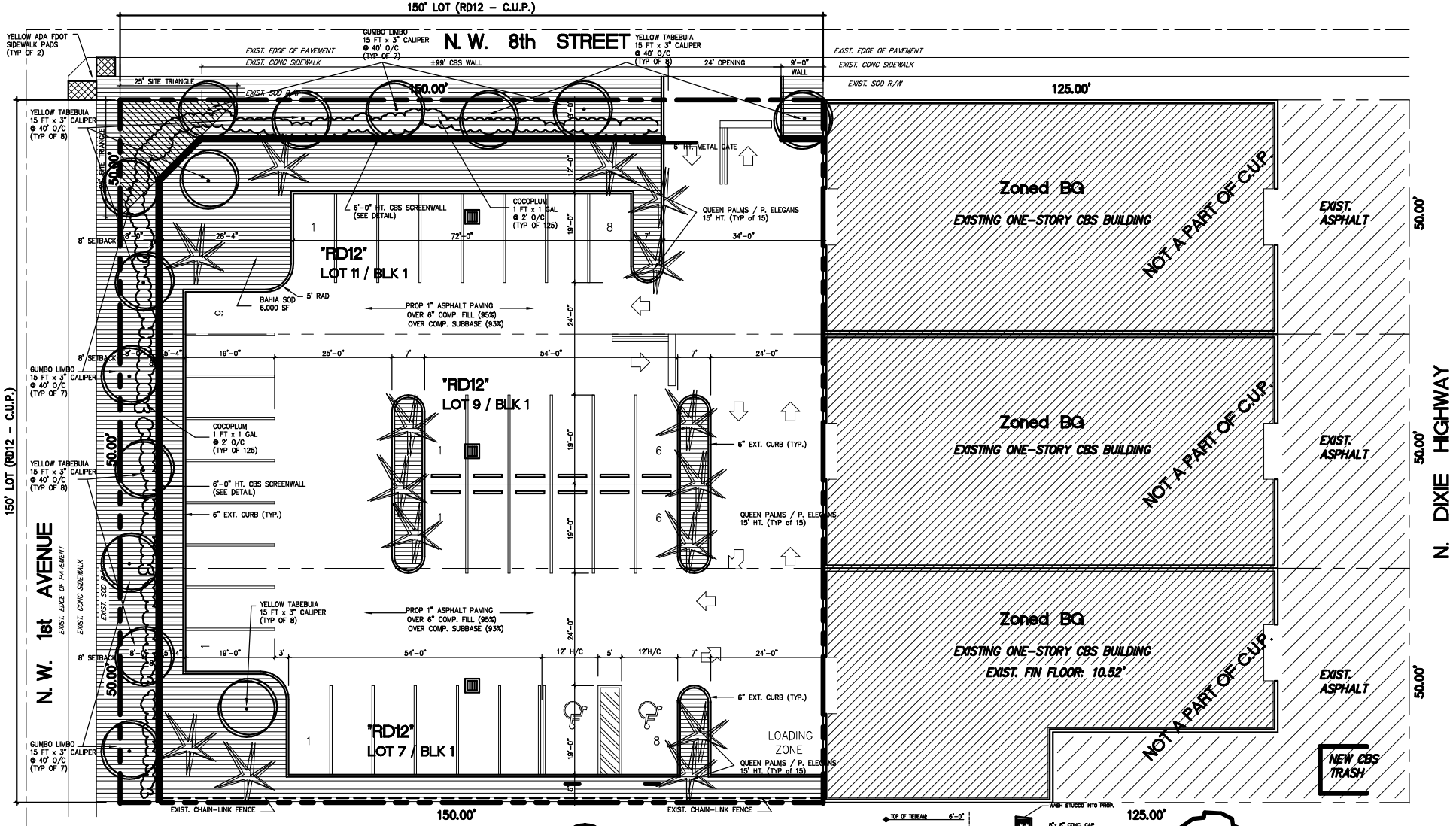
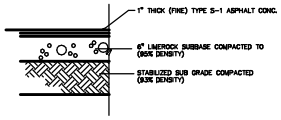


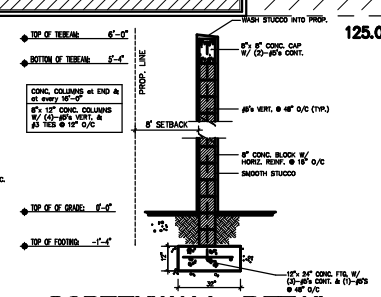
SITE CALC:

	REQUIRED:	PROVIDED:
TOTAL AREA (3-LOTS):	22,500 sq. ft.= 0.52 acres	
AREA LOT 11:	7,500 sq. ft.= 0.17 acres	
AREA LOT 9:	7,500 sq. ft.= 0.17 acres	
AREA LOT 7:	7,500 sq. ft.= 0.17 acres	
TOTAL PERVIOUS (GREEN AREA):	3,375 sq. ft. (15.0%)	6,665 sq. ft. (29.6%)
AREA LOT 11:	1,125 sq. ft. (15.0%)	3,280 sq. ft. (43.7%)
AREA LOT 9:	1,125 sq. ft. (15.0%)	1,250 sq. ft. (16.7%)
AREA LOT 7:	1,125 sq. ft. (15.0%)	2,135 sq. ft. (28.4%)
TOTAL IMPERVIOUS AREA :		15,835 sq. ft. (70.4%)
TOTAL PARKING:	9-spaces x 3 lots = 27 req.	37 spaces incl. 2-H/C
TOTAL TREES REQUIRED :	22,500 sf / 1,500 per = 15 req	15 TREES + 15 PALMS YELLOW TAB – 8 provided GUMBO LIMBO – 7 provided QUEEN PALMS – 15 provided COCOPLUM BUSH – 125 provided

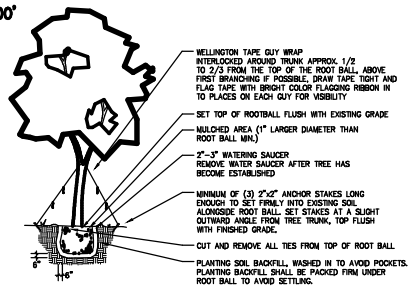
SITE PLAN
scale: 1"=10'-0"



PAVING SECTION
N.T.S.



SCREENWALL DETAIL
N.T.S.



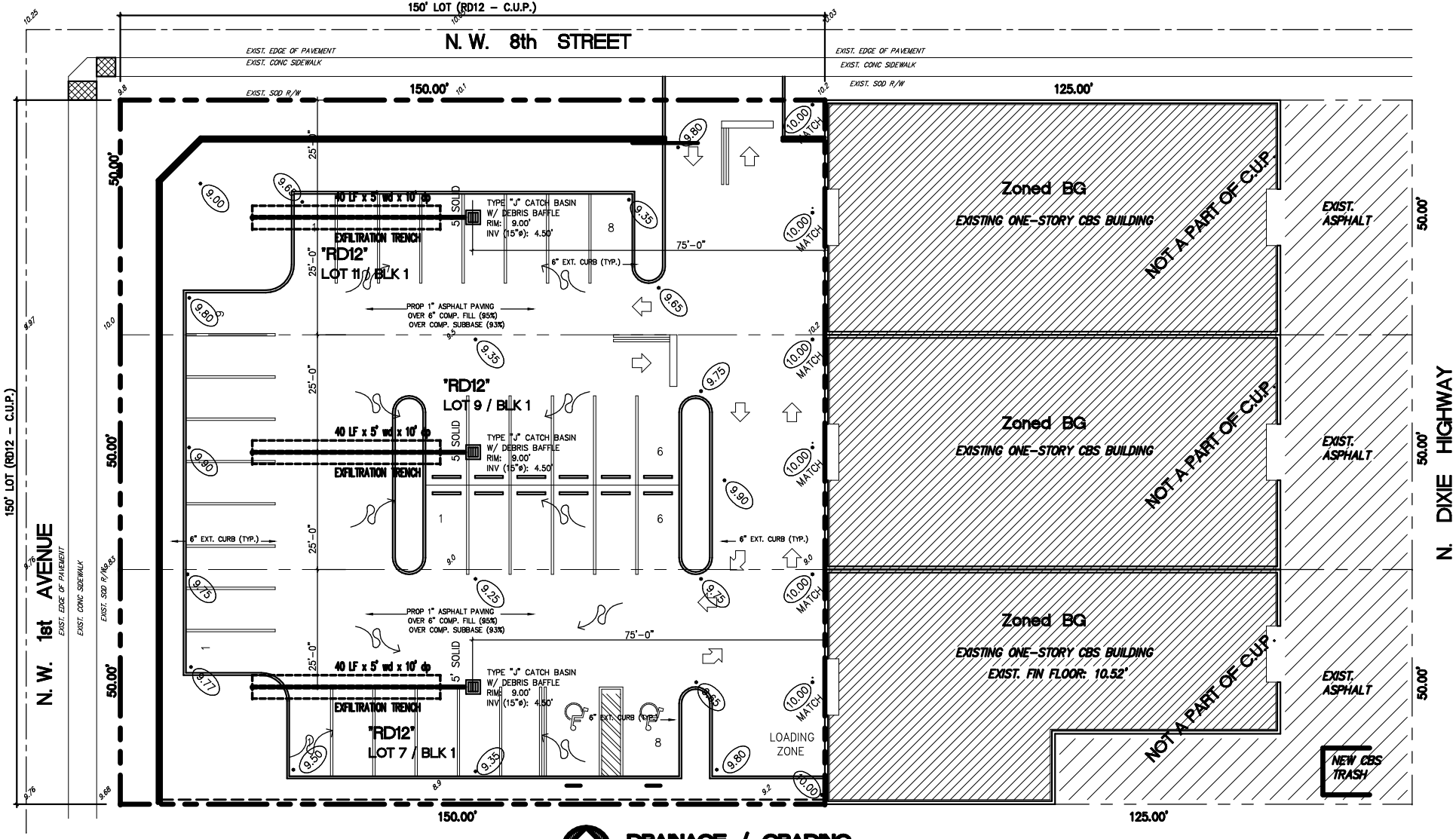
TREE DETAIL

EGN, INC.
ENGINEERING
13990 SW 97th Ave
miami, florida 33176
mobile: 305 992-6928
fax: 305 235-7291
A.M. PASCUAL, P.E. Cert. 46747 / EGN, Inc. EB: 0007099

Date:	02/04/11
By:	egn
Chk:	
Scale:	1"=10'-0"
Job No:	610
Rev:	Date:
	01/17/12
	04/16/12

SITE PLAN
BOURAK AUTO SERVICE
715 N. DIXIE HWY.
HALLANDALE BEACH, FLORIDA 33009

1



DRAINAGE / GRADING

scale: 1"=10'-0"

DRAINAGE CALCULATIONS:

AREA: 22,500 sq. ft.= 0.52 acres
PERV: 6,665 sq. ft. (29.6%) – 0.15 acres
IMPERV: 15,835 sq. ft. (70.4%)

C.A.: 6,665 (*0.20) + 15,835 (*0.80) = 15,584

1. 1.5in x COEFF = 660 CF
0.18 AC-IN

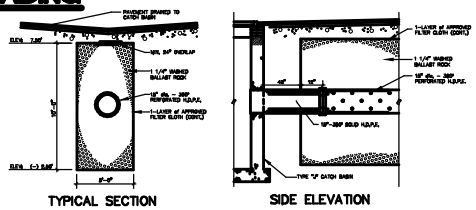
2. 5.1in x IMP = 6,730 CF
1.85 AC-IN

3. 1.0in x AREA = 1,875 CF
0.52 AC-IN

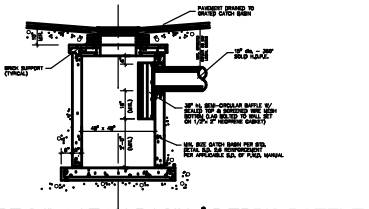
"K" CALCULATIONS

K= 4.66 E-05 HYD. COND.
H2= 9.0' DEPTH TO W.T.
Du= 7.50' NON-SAT TRENCH
Do= 2.50' SAT. TRENCH
W= 5.0 WIDTH OF TRENCH

L= 112 LF LENGTH REQUIRED
120 LF PROVIDED



EXFILTRATION TRENCH
N.T.S.



TYPE 'J' CATCH BASIN / DEBRIS BAFFLE
N.T.S.

EGN, inc.
ENGINEERING
13990 SW 97th Ave
miami, florida 33176
mobile: 305 992-6928
fax: 305 235-7291
A.M. PASCUAL, P.E. Cert. 46747 / EGN, Inc. EB: 0007099

Date: 02/04/11
By: egn
Chk:
Scale: 1"=10'-0"
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Rev:	Date:
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DRAINAGE / GRADING PLAN

BOURAK AUTO SERVICE

715 N. DIXIE HWY.
HALLANDALE BEACH, FLORIDA 33009

GR-1