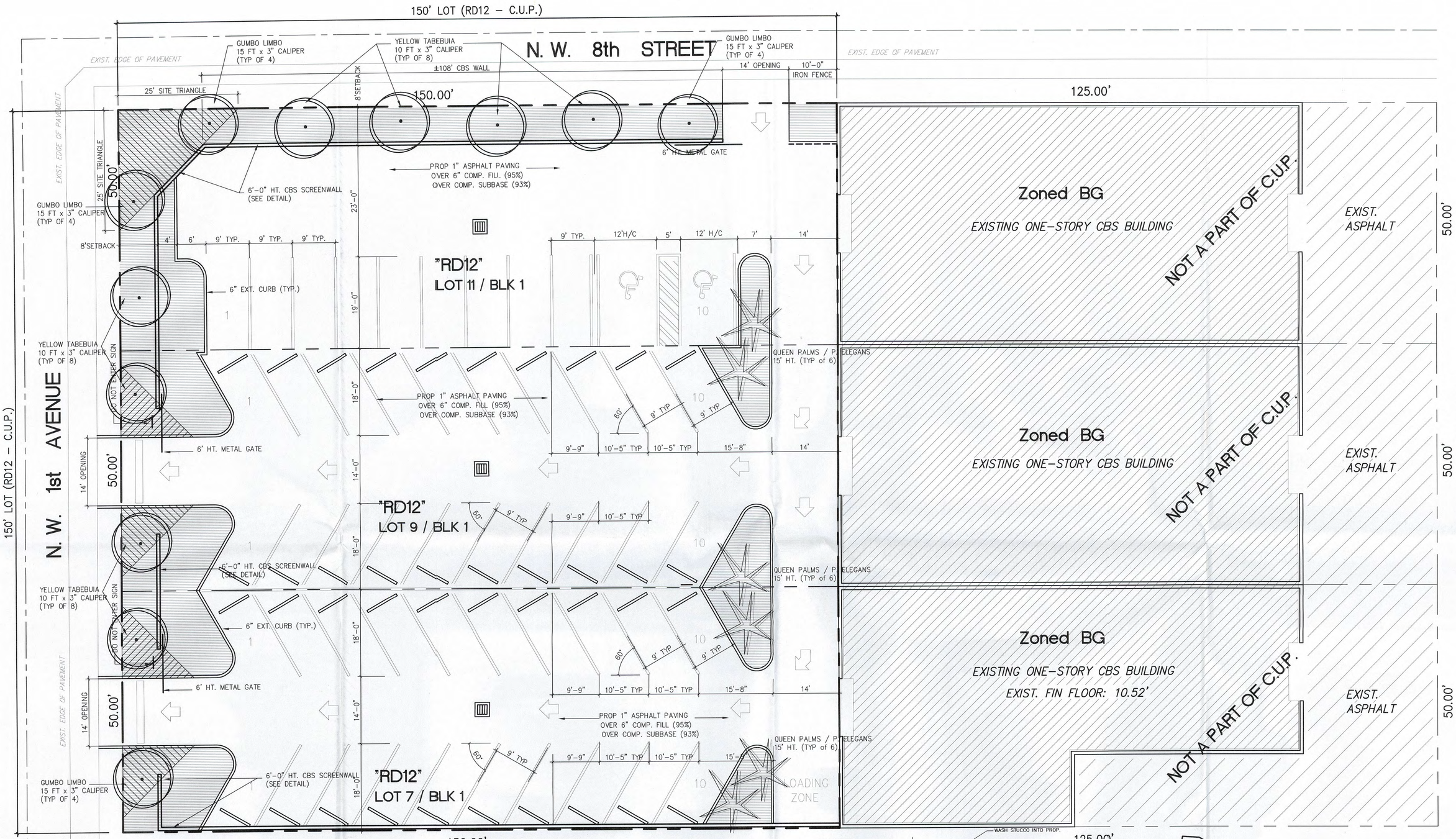
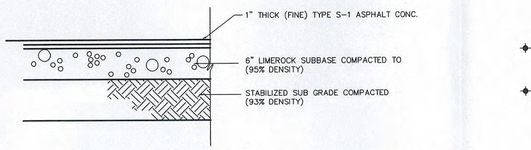


SITE CALCULATIONS:

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):	4,080 sq. ft. (18.1%) 15.0%)	
AREA LOT 11:	1,830 sq. ft. (24.4%)	
AREA LOT 9:	1,125 sq. ft. (15.0%)	
AREA LOT 7:	1,125 sq. ft. (15.0%)	
TOTAL IMPERVIOUS AREA :	18,420 sq. ft. (81.9%)	
TOTAL PARKING PROVIDED :	50 (VALET) - incl. 2-H/C	
TOTAL TREES REQUIRED :	22,500 sf / 1,500 per = 15 TREES PROVIDED	

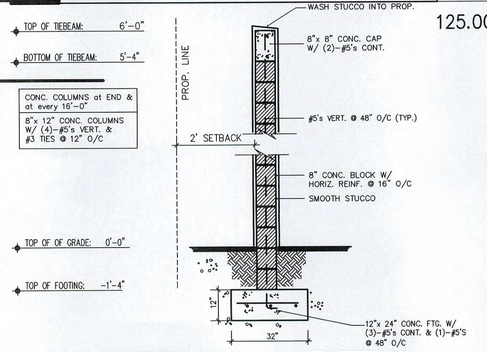
SITE PLAN

scale: 1"=20'-0"



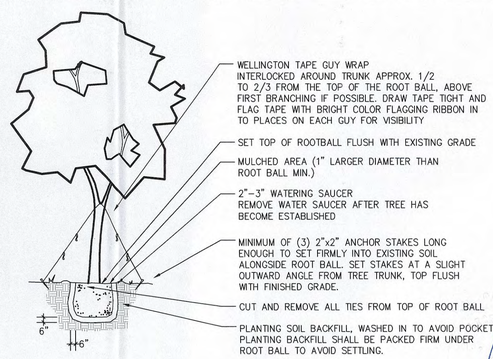
TYPICAL PAVING SECTION

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. Civil: 46747 / EGN, Inc. EB: 0007009

Date: 02/04/11
By: egn
Chk:
Scale: 1"=20'-0"
Job No: 610

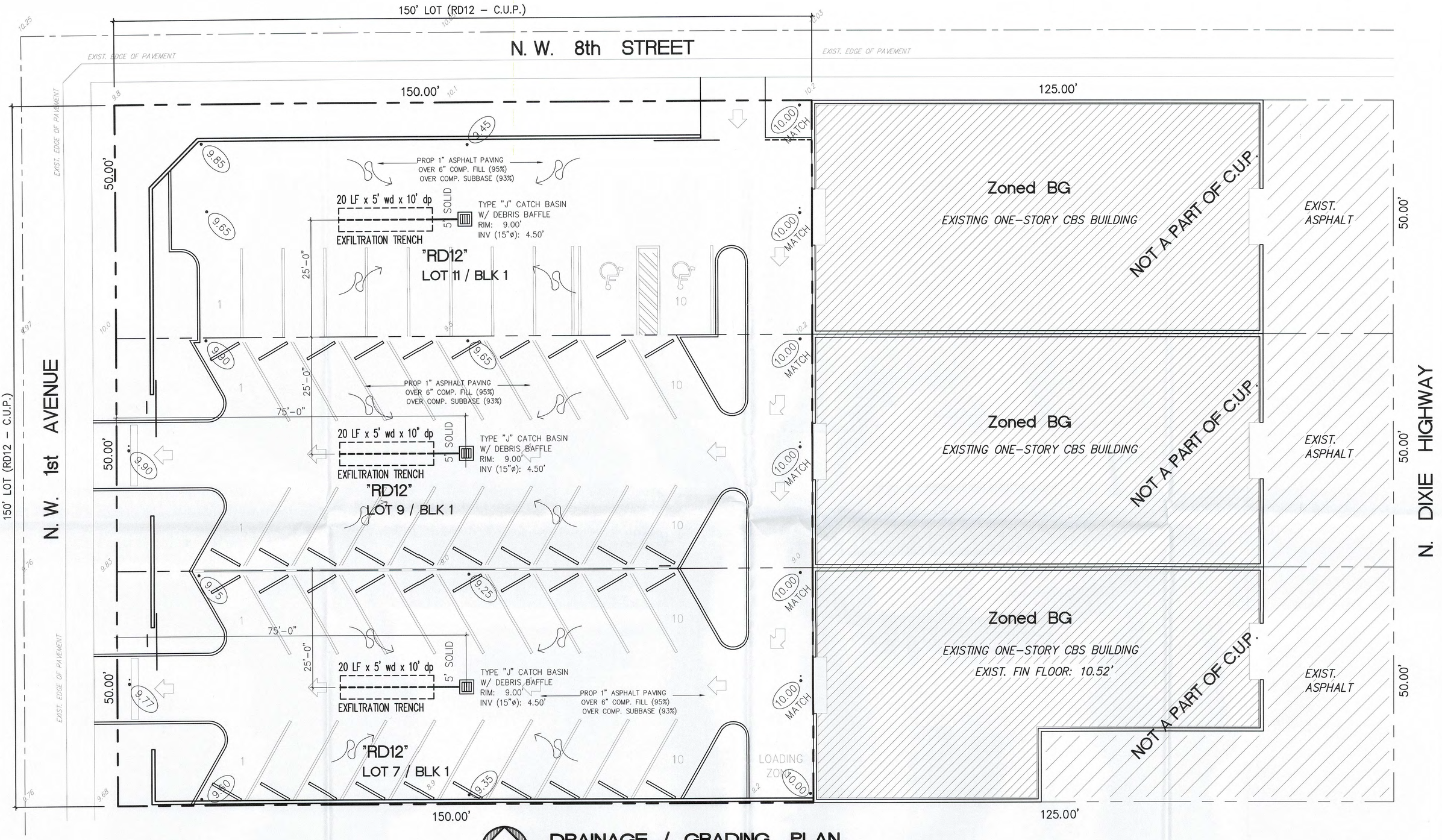
Rev:	Date:
	01/17/12

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

PLANS RECEIVED
FEB 17 2012
CITY OF HALLANDALE BEACH DEVELOPMENT SERVICES DEPT.

1

1/4/12



DRAINAGE / GRADING PLAN

scale: 1"=20'-0"

DRAINAGE CALCULATIONS:

AREA: 22,500 sq. ft.= 0.52 acres
PERV: 4,080 sq. ft. (18.1%) – 0.09 acres
IMPERV: 18,420 sq. ft. (81.9 %)

C.A.: 4,080 (*0.20) + 18,420 (*0.80) = 17,380

1. 1.5in x COEFF = 767 CF
0.21 AC–IN

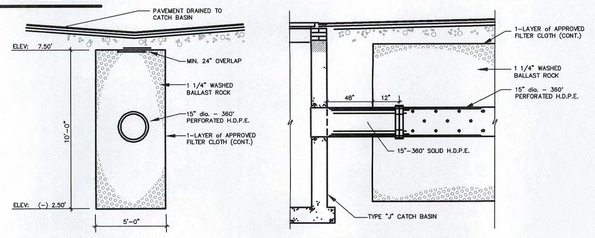
2. 5.1in x IMP = 7,820 CF
2.15 AC–IN

3. 1.0in x AREA = 1,875 CF
0.52 AC–IN

"K" CALCULATIONS

K= 1.80 E–04 HYD. COND.
H2= 9.0' DEPTH TO W.T.
Du= 7.50' NON–SAT TRENCH
Da= 2.50' SAT. TRENCH
W= 5.0 WIDTH OF TRENCH

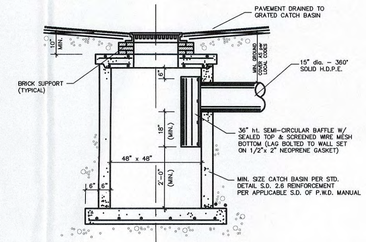
L= 60 LF LENGTH REQUIRED
60 LF PROVIDED



TYPICAL SECTION — SIDE ELEVATION

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. Civil: 46747 / EGN, Inc. EB: 0007009

Date: 02/04/11
By: egn
Chk:
Scale: 1"=20'–0"
Job No: 610

Rev:	Date:
	01/17/12

DRAINAGE / GRADING PLAN

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

GR–1