QUANTITY TABLE

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE
8" DIP WATER	1,831 L.F.	1,831 L.F.	DIP,CL.54
6" DIP WATER MAIN	99 L.F.	99 L.F.	DIP,CL.54
6" V	6	6	KENNEDY VALVE
8" V	7	7	KENNEDY VALVE
1/32 HB	2	—	—
1/8 HB	6	—	—
8"X6"T	6	6	—
8"X8"T	3	3	
FIRE HYDRANTS	6	6	KENNEDY VALVE
8" CAP & BUTTRESS	2	—	—
8" SEWER	8 L.F.	8 L.F.	PVC,SDR-35
NAME OF UTILITY CONTRACTOR: CALVERT UTILITIES			
SURVEY AND DRAFTING DIVISION AS-BUILT DATE: AUGUST 2009			

SITE NOTES

1. BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY CONDUCTED BY JOHN E. HARMS, JR. & ASSOCIATES, INC. IN JANUARY 2006.
2. THE EXISTING TOPOGRAPHY IS BASED ON AN AERIAL SURVEY WITH 2 FOOT CONTOUR INTERVALS PREPEARED BY POTOMAC ARIEL SURVEYS DATED JANUARY 2006.
3. WATER & SEWER ARE PUBLIC. WATER WILL CONNECT TO CONTRACT #44-3931-D. SEWER WILL CONNECT TO CONTRACT #20-3861-D. AN INSIDE WATER METER SETTING WILL BE UTILIZED IN ACCORDANCE WITH HO CO STD DETAIL W3.44.
4. SITE IS CLASSIFIED AS REDEVELOPMENT AND REQUIRED TO PROVIIDE WATER QUALITY ONLY. STORMWATER MANAGEMENT WATER QUALITY CONTROL TO BE PROVIDED BY THREE BIORETENTION FACILITEIS.
5.. EXISTING SEWER IS BASED ON FIELD RUN SURVEYED LOCATIONS AND ELEVATIONS. ALL OTHER EXISTING UTILITIES BASED ON AVAILABLE INFORMATION.
6. THE WETLANDS DELINEATION STUDY FOR THIS PROJECT WAS PREPARED BY,JOHN E. HARMS, JR. & ASSOCIATES INC. DATED JUNE 2007. WETLANDS EXIST IN THE SOUTHEASTERN PORITON OF THE SITE.
7. PROJECT BACKGROUND INFORMATION:
   TAX MAP: 48
   BLOCK/GRID: 1
   PARCEL: 121
   ZONING: CE-CLI
   ZB/BA REFERENCE: BA #06-028N
   ELECTION DISTRICT: 6TH
   SITE AREA: 17.5 ACRES
   DPZ REFERENCE NUMBER: N/A
   LOCATION: APPROXIMATELY 300 FT NORTHEAST OF THE INTERSECTION OF GUILFORD ROAD AND US ROUTE 1 ALONG THE SOUTHEAST SIDE OF US ROUTE 1.
   ADDRESS: 8685 E. WASHINGTON BOULEVARD, JESSUP, MARYLAND 20794.
   COMMUNITY: JESSUP.
   PROPOSED EXTERIOR BLDG MATERIAL: SPLIT FACED BLOCK AND BUTLER METAL PANELS.
8. PROJECT SUMMARY :
   EXISTING
   EXISTING USE : RENTAL FACILITY WITH STORAGE AND REPAIR OF RENTAL VEHICLES INCLUDING STORAGE AND DISPENSING OF FUEL.
   EXISTING PAVED OR GRAVEL AREA : 316,220 SQ.FT. OR 7.26 ACRES.
   EXISTING BUILDING AREA : 13,472 SQ.FT. OR 0.31 ACRES (2 SINGLE STORY STRUCTURES, EXCLUDES ABANDONED 408 SQ.FT. SHED).
   TOTAL EXISITNG IMPERVIOUS AREA : 329,692 SQ.FT. OR 7.57 ACRES.

   PROPOSED
   PROPOSED USE : RENTAL FACILITY WITH STORAGE AND OF RENTAL VEHICLES INCLUDING STORAGE AND DISPENSING OF FUEL.
   PROPOSED PAVED AREA : 367,736 SQ.FT. OR 8.44 ACRES (INCLUDES IMPROVEMENTS TO US RT 1).
   PROPOSED BUILDING AREA : 21,701 SQ.FT. OR 0.50 ACRES. (1 SINGLE STORY STRUCTURE)
   TOTAL PROPOSED IMPERVIOUS AREA : 389,437 SQ.FT. OR 8.94 ACRES.
   TOTAL INCREASE IN IMPERVIOUS AREA : 59,745 SQ.FT. OR 1.37 ACRES.
   EXISTING BUILDING HEIGHT : 22'.
   PROPOSED BUILDING HEIGHT : 23'11".
   REQUIRED PARKING : 25 SPACES (1 SPACE PER 1000 SQ.FT. X 9,258 SQ.FT. + 3 SPACES PER SERVICE BAY X 5 SERVICE BAYS).
   PROPOSED PARKING : 269 SPACES (INCLUDING 201 SPACES FOR STORAGE OF RENTAL VEHICLES).
9. COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 48 AB & 45F5. BOTH MONUMENTS ARE STAMPED (BRASS OR ALUMINUM) DISCS SET ON TOP OF A 3' DEEP COLUMN OF CONCRETE.

   STA. NO. 45F5 N 535,985.02, E 1,365,653.51 ELEV. 235.05
   STA. NO. 48AB N 538,384.45, E 1,366,415.81 ELEV. 225.70

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

Feb 13 2008
DEVELOPER'S SIGNATURE — DATE
JOSEPH McQUILLEN, PENSKE TRUCK LEASING CO, LP
DEVELOPER'S NAME

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

2-12-08
ENGINEER'S SIGNATURE — DATE
MARK S. CRISSMAN
ENGINEER'S NAME

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.
USDA-NATURAL RESOURCES CONSERVATION SERVICE — DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.
2/29/08
HOWARD SCD — DATE

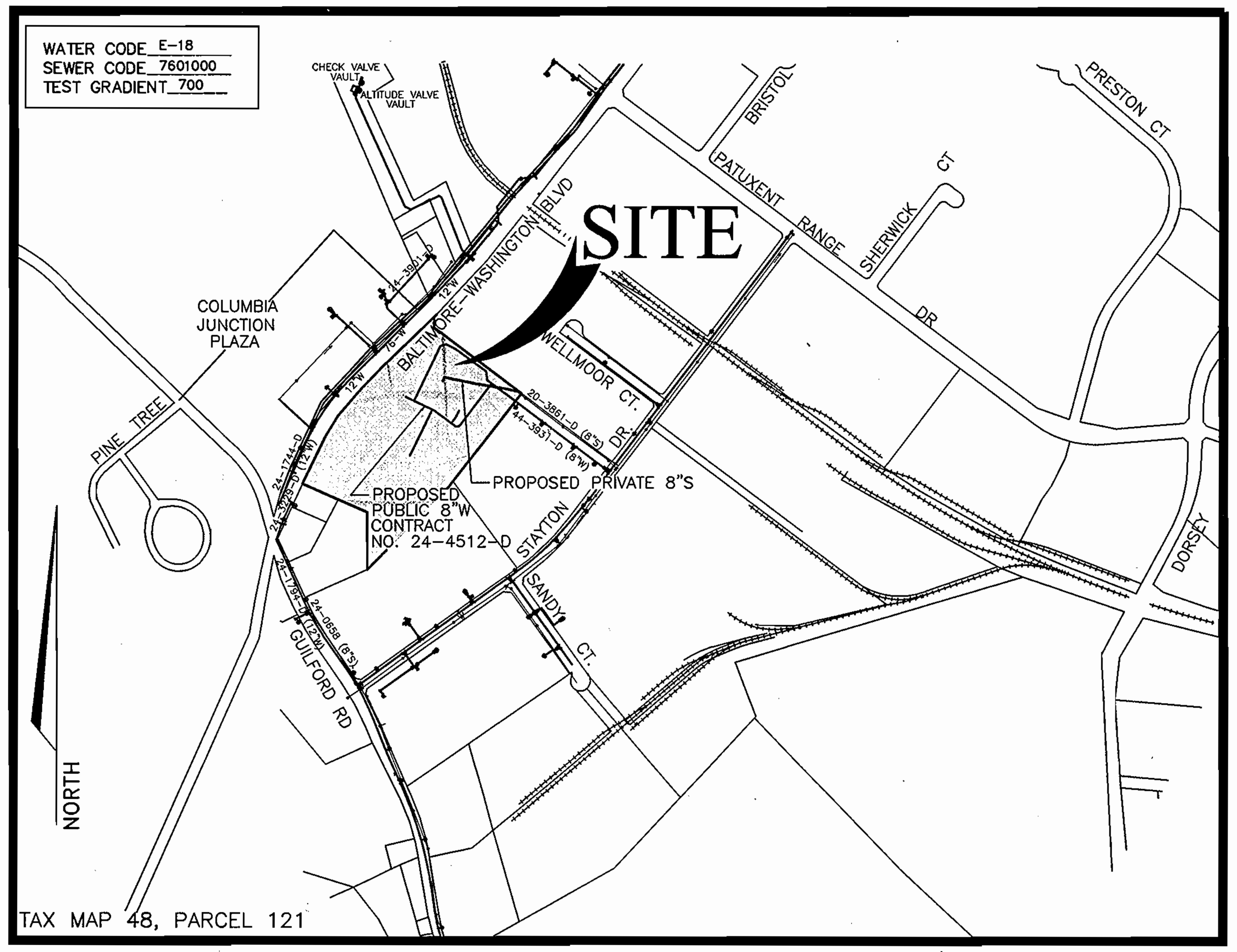
LEGEND

EXISTING	DESCRIPTION	PROPOSED
	PROPERTY LINE	
	RIGHT OF WAY LINE	
	CENTER LINE	
	EASEMENT LINE	
	TREE LINE	
EX. 15" S	SEWER LINE & MH	
G G	GAS LINE	G G
OHE OHE	OVERHEAD LINE	OH OH
	UTILITY POLE	
	CURB & GUTTER	
156	CONTOUR LINE	156
x156.50	SPOT ELEVATION	x156.50
161 399.57	BENCHMARK CONTROL POINT	

OWNER

PENSKE TRUCK LEASING CO, LP
P.O. BOX 563, RT 10 GREEN HILLS
READING, PENNSYLVANIA 19603
(610) 603-8500

DPZ FILE NOS.
SDP-08-015
F-08-019
WP-08-011



LOCATION MAP

SCALE : 1' = 600'

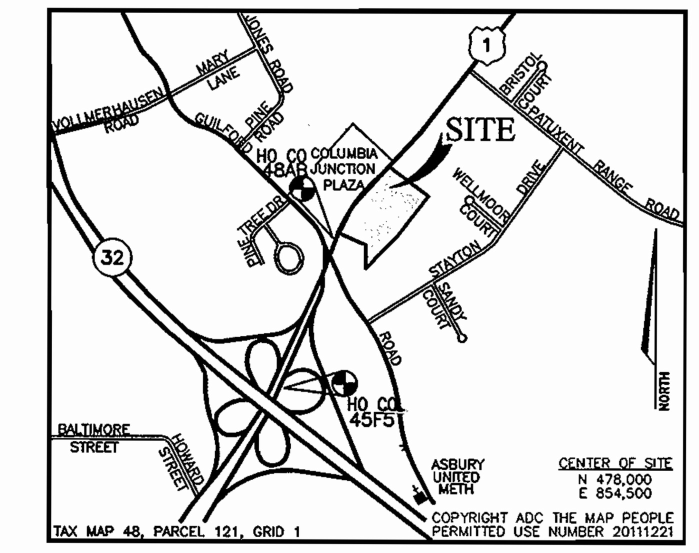
TYPE OF BUILDING INDUSTRIAL
No. OF UNITS 1
No. OF WATER HOUSE CONNECTION 1
No. OF TWIN WATER HOUSE CONNECTION N/A
No. OF SEWER HOUSE CONNECTIONS 1
DRAINAGE AREA LITTLE PATUXENT
TREATMENT PLANT LITTLE PATUXENT WATER RECLAMATION PLANT

INDEX OF DRAWINGS

NO.	DESCRIPTION
1	TITLE SHEET
2	WATER & SEWER PLAN
3	WATER & SEWER PROFILES

AS BUILT
DATE: AUGUST 2009

CONTRACT NO. 24-4512-D
PENSKE
WATER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS



VICINITY MAP

SCALE: 1"=2000'

GENERAL NOTES

1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
2. THE EXISTING TOPOGRAPHY IS TAKEN FROM AERIAL SURVEY WITH 2 FOOT CONTOUR INTERVALS PREPEARED BY POTOMAC AERIAL SURVEYS DATED JANUARY 2006.
3. THE COORDINATES SHOWN ON THE DRAWING ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/91' AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 48AB AND NO. 45F5.
4. ALL VERTICAL CONTROLS ARE BASED ON NAVD'88. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE

   TRAVERSE #2 N 538,442.287 E 1,367,415.098
   TRAVERSE #3 N 538,889.204 E 1,367,687.704
   TRAVERSE #4 N 539,265.701 E 1,367,262.429
   TRAVERSE #5 N 539,189.971 E 1,366,931.891
5. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
6. CLEAR ALL UTILITIES BY A MINIMUM OF 12". CLEAR ALL POLES BY 5'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
7. FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAIL FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
8. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATION OF THE TEST PIT. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
9. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

   STATE HIGHWAY ADMINISTRATION (410) 531-5533
   BG & E CO. CONTRACTOR SERVICES (410) 850-4620
   BG & E CO. UNDERGROUND DAMAGE CONTROL (410) 787-9068
   MISS UTILITY 1-800-257-7777
   COLONIAL PIPELINE CO. (410) 795-1390
   HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
   BUREAU OF UTILITIES (410) 313-4900
10. TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED OUTSIDE THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
11. THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
12. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)313-7450 AT LEAST FIVE(5) WORKING DAYS BEFORE OPEN CUTTING OR BORING/JACKING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD COUNTY CODE.
13. ALL WATER MAINS TO BE D.I.P. CLASS 54 UNLESS OTHERWISE NOTED.
14. TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
15. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
16. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
17. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
18. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
19. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.
20. FOR SPRINKLER SYSTEM FOR ALL TOWN HOMES OR MULTI-FAMILY DWELLING UNITS SHOULD HAVE A MINIMUM OF 1' CONNECTION WITH A 3/4" METER.
21. ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
22. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
21. FORCE MAINS SHALL BE D.I.P. ONLY.
22. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
23. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1' - 6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
24. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.
25. ALL WATER METERS TO BE LOCATED INSIDE PROPOSED UNITS.
26. STATIONING SHOWN IS WATER MAIN AND CENTER LINE STATIONING.
27. ALL CLEANOUTS AND BALL VALVES ARE TO BE LOCATED AT THE WATER, SEWER AND UTILITY EASEMENT LINE.
28. CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PROIR TO COMMENCING CONSTRUCTION.
29. ALL SEWER HOUSE CONNECTIONS TO BE 4" IN SIZE.
30. ALL WATER HOUSE CONNECTIONS TO BE 1" IN SIZE UNLESS OTHERWISE NOTED.
31. ALL CELLARS WILL HAVE SERVICE TO LOWEST FLOOR UNLESS OTHERWISE NOTED.
32. THERE WILL BE NO TWIN SEWER HOUSE CONNECTIONS ON SITE UNLESS APPROVED BY HOWARD COUNTY.
33. ALL WATER MAINS TO BE 8", 6", OR 4" DIP CLASS 54.
34. STORM DRAIN SYSTEM INDICATED FOR INFORMATIONAL PURPOSES ONLY, SEE ROAD PLANS FOR CONSTRUCTION DATA.
35. COMPACTION IN FILL AREAS TO BE 95% AS DETERMINED PER AASHTO T-180.
36. IF MATERIAL IS WITHIN 8% OF OPTIMUM MOISTURE, WORKING THE MATERIAL UNTIL REQUIRED COMPACTION IS ACHIEVED IS CONTRACTOR'S RESPONSIBILITY.
37. THE CONSTRUCTION IS TO BE LIMITED TO THAT WHICH CAN BE BACKFILLED AND STABILIZED IN ANY ONE WORKING DAY.
38. THE SPOIL FROM THE TRENCH OPERATIONS IS TO BE PLACED ON THE UPHILL SIDE OF CONSTRUCTION.

PENSKE
WATER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND
CONTRACT No. 24-4512-D

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
2/21/09
CHIEF, BUREAU OF UTILITIES — DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY MARYLAND
3/6/08
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE

HARMS
ENGINEERS • PLANNERS • SURVEYORS
41 EAST ALL SAINTS STREET, SUITE 210, FREDERICK, MARYLAND 21701
Office: 301/631-2027 FAX: 301/631-2028

STATE OF MARYLAND — MARK S. CRISSMAN — 34669 — PROFESSIONAL ENGINEER — 2-12-08

"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 34669, EXPIRATION DATE: 07-08-09"

engineering	illustration	approval	project	date
SJD	SIN		08-05-034A	JAN 2008

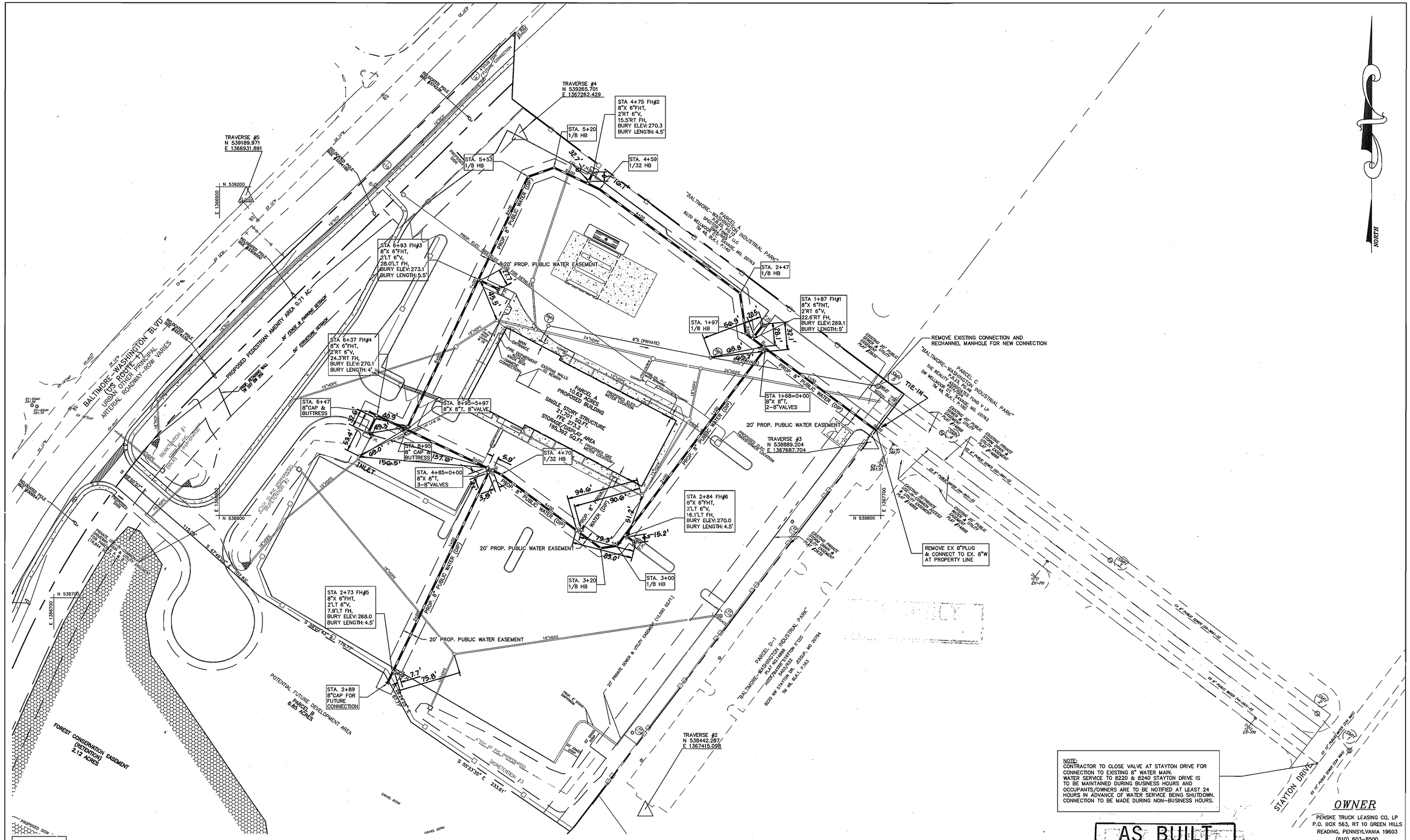
BY	NO.	REVISION	DATE

TITLE SHEET

600' SCALE MAP NO. 48 BLOCK NO. 1

PENSKE-RENTAL RETAIL & STORAGE FACILITY
CONTRACT # 24-4512-D
8685 E. WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
TAX MAP 48, PARCEL 121, SDP-08-015, WP-08-011
SIXTH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

scale AS SHOWN



NOTE:
CONTRACTOR TO CLOSE VALVE AT STAYTON DRIVE FOR CONNECTION TO EXISTING 8" WATER MAIN. WATER SERVICE TO 8220 & 8240 STAYTON DRIVE IS TO BE MAINTAINED DURING BUSINESS HOURS AND OCCUPANTS/OWNERS ARE TO BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF WATER SERVICE BEING SHUTDOWN. CONNECTION TO BE MADE DURING NON-BUSINESS HOURS.

AS BUILT
DATE: AUGUST 2009

OWNER
PENSKE TRUCK LEASING CO, LP
P.O. BOX 563, RT 10 GREEN HILLS
READING, PENNSYLVANIA 19603
(610) 603-8500

PENSKE
WATER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND
CONTRACT No. 24-4512-D

DPZ FILE NOS.
SDP-08-015
F-08-019
WP-08-011

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
2/20/08
CHIEF, BUREAU OF UTILITIES — DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND
2/6/08
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE

HARMS
ENGINEERS • PLANNERS • SURVEYORS
41 EAST ALL SAINTS STREET, SUITE 210, FREDERICK, MARYLAND 21701
Office: 301/631-2027 FAX: 301/631-2028

STATE OF MARYLAND — MARK S. CRIGLER — PROFESSIONAL ENGINEER
"PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 34669, EXPIRATION DATE: 07-06-08"
2-12-08

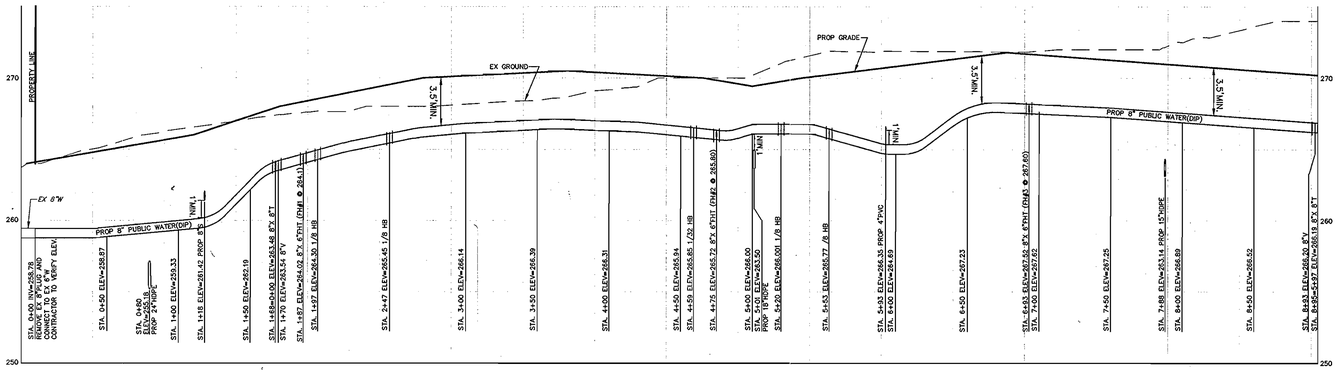
engineering SJD				
illustration SIN				
approval				
project 08-05-034A				
date JAN 2008	BY	NO.	REVISION	DATE

WATER & SEWER PLAN
600' SCALE MAP NO. 48 BLOCK NO. 1

PENSKE-RENTAL RETAIL & STORAGE FACILITY
CONTRACT # 24-4512-D
8685 E. WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
TAX MAP 48, PARCEL 121, SDP-08-015, WP-08-011

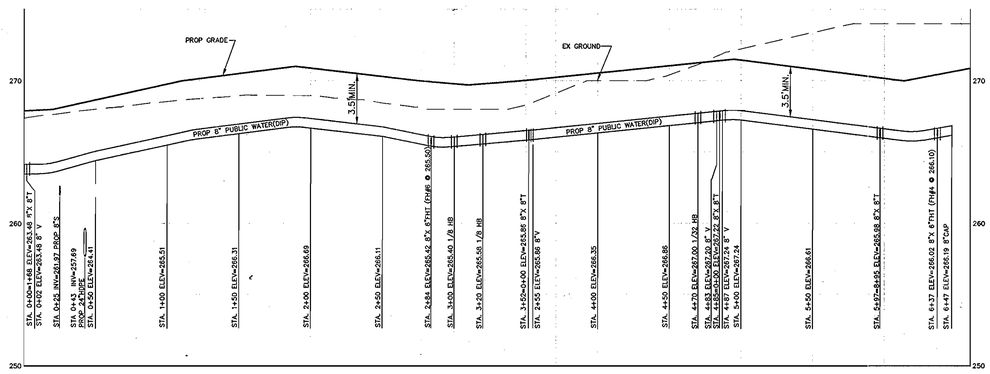
scale 1"=50'

2 OF 3



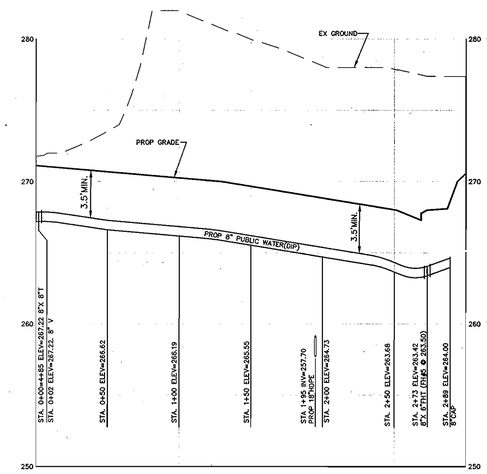
8" WATER MAIN PROFILE #1

HOR. SCALE: 1"=50'
VERT. SCALE: 1"=5'



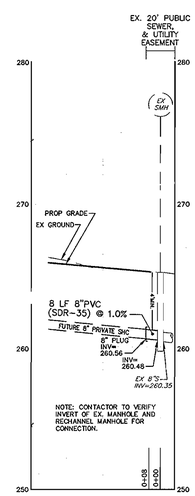
8" WATER MAIN #2 PROFILE

HOR. SCALE: 1"=50'
VERT. SCALE: 1"=5'



8" WATER MAIN #3 PROFILE

HOR. SCALE: 1"=50'
VERT. SCALE: 1"=5'



8" SEWER PROFILE

HOR. SCALE: 1"=50'
VERT. SCALE: 1"=5'

WATER MAIN TABULATION CHART

8" WATER MAIN #1

WL STATION	APPURTENANCE	COORDINATES
STA 0+00	EX. 8" CAP & BUTTRESS TO BE REMOVED	N 538,903.333 E 1,367,694.528
STA 1+68	8"X8" T	N 539,003.498 E 1,367,560.234
STA 1+70	8" V	N 539,004.694 E 1,367,558.631
STA 1+87	8"X6" FHT	N 539,015.091 E 1,367,544.692
STA 1+87, O/S 2' RT	6" V	N 539,016.694 E 1,367,545.888
STA 1+87, O/S 22.6' RT	FH	N 539,033.171 E 1,367,558.178
STA 1+97	1/8 HB	N 539,021.117 E 1,367,536.612
STA 2+47	1/8 HB	N 539,070.593 E 1,367,529.410
STA 2+53.5	8" V	N 539,074.487 E 1,367,524.190
STA 4+59	1/32 HB	N 539,197.345 E 1,367,359.471
STA 4+75	8"x6" FHT	N 539,204.226 E 1,367,345.023
STA 4+75, O/S 2' RT	6" V	N 539,206.032 E 1,367,345.883
STA 4+75, O/S 15.5' RT	FH	N 539,218.213 E 1,367,351.584
STA 5+20	1/8 HB	N 539,223.577 E 1,367,304.396
STA 5+53	1/8 HB	N 539,212.391 E 1,367,272.865
STA 6+93	8"X6" FHT	N 539086.829 E 1367213.067
STA 6+70, O/S 2' RT	6" V	N 539085.941 E 1367214.807
STA 6+70, O/S 57.1' RT	FH	N 539074.776 E 1367238.250
STA 8+93	8" V	N 538,906.258 E 1,367,127.057
STA 8+95	8"X8" T	N 538,904.452 E 1,367,126.197

NOTE : - CONTRACTOR TO VERIFY THE LOCATION OF EXISTING APPURTENANCES.

WATER MAIN TABULATION CHART

8" WATER MAIN #2

WL STATION	APPURTENANCE	COORDINATES
STA 0+00	8"X8" T	N 539,003.498 E 1,367,560.234
STA 0+02	8" V	N 539,001.895 E 1,367,559.038
STA 2+85	8"X6" FHT	N 538,776.066 E 1,367,390.601
STA 2+85, O/S 2' LT	6" V	N 538,774.875 E 1,367,392.198
STA 2+85, O/S 16.1' LT	FH	N 538,766.423 E 1,367,403.530
STA 3+00	1/8 HB	N 538,763.041 E 1,367,380.885
STA 3+20	1/8 HB	N 538,760.160 E 1,367,361.094
STA. 3+52	8"X 8"T	N 538779.286 E 1367335.444
STA 4+70	1/32 HB	N 538,849.841 E 1,367,240.856
STA 4+83	8" V	N 538,855.431 E 1,367,229.119
STA 4+85	8"X8" T	N 538,856.291 E 1,367,227.313
STA 4+87	8" V	N 538,057.151 E 1,367,225.508
STA 5+97	8"X8" T	N 538,904.452 E 1,367,126.197
STA 6+37	8"X6" FHT	N 538,921.652 E 1,367,090.084
STA 6+37, O/S 2' LT	6" V	N 538,919.847 E 1,367,089.224
STA 6+37, O/S 24.3' LT	FH	N 538,899.675 E 1,367,079.616
STA 6+47	8" CAP & BUTTRESS	N 538,925.952 E 1,367,081.056

WATER MAIN TABULATION CHART

8" WATER MAIN #3

WL STATION	APPURTENANCE	COORDINATES
STA 0+00	8"X8" T	N 538,856.291 E 1,367,227.313
STA 0+02	8" V	N 538,854.486 E 1,367,226.453
STA 2+73	8"X6" FHT	N 538,610.026 E 1,367,110.020
STA 2+73, O/S 2' LT	6" V	N 538,609.166 E 1,367,111.826
STA 2+73, O/S 7.9' LT	FH	N 538,606.639 E 1,367,117.131
STA 2+89	8" CAP & BUTTRESS	N 538,595.258 E 1,367,102.986

SEWER MAIN TABULATION CHART

8" SEWER MAIN

SL STATION	APPURTENANCE	COORDINATES
STA 0+00	EX. SEWER MANHOLE #5	N 538,957.257 E 1,367,696.512
STA 0+08	8" PLUG	N 538,958.992 E 1,367,686.477

AS BUILT
DATE: AUGUST 2009

OWNER

PENSKE TRUCK LEASING CO, LP
P.O. BOX 563, RT 10 GREEN HILLS
READING, PENNSYLVANIA 19603
(610) 603-8500

PENSKE
WATER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND
CONTRACT No. 24-4512-D

DPZ FILE NOS.
SDP-08-015
F-08-019
WP-08-011

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

2/21/08
CHIEF, BUREAU OF UTILITIES — DATE

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

3/6/08
CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE

HARMS
ENGINEERS • PLANNERS • SURVEYORS
41 EAST ALL SAINTS STREET, SUITE 210, FREDERICK, MARYLAND 21701
Office: 301/831-2027 FAX: 301/831-2028

STATE OF MARYLAND — STEVEN J. CRISMAN — No. 34868 — PROFESSIONAL ENGINEER
2-12-08

"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 34868, EXPIRATION DATE: 07-05-09"

engineering	SJD
illustration	SIN
approval	
project	08-05-034A
date	JAN 2008

BY	NO.	REVISION	DATE

WATER & SEWER PROFILES

600' SCALE MAP NO. 48 BLOCK NO. 1

PENSKE-RENTAL RETAIL & STORAGE FACILITY
CONTRACT # 24-4512-D
8685 E. WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
TAX MAP 48, PARCEL 121, SDP-08-015, WP-08-011

SCE
1"=50'

3 OF 3