

**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: GALVERT UTILITIES  
 SURVEY AND DRAFTING DIVISION AS-BUILT DATE: AUGUST 2009

**SITE NOTES**

- BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY CONDUCTED BY JOHN E. HARMS, JR. & ASSOCIATES, INC. IN JANUARY 2006.
- THE EXISTING TOPOGRAPHY IS BASED ON AN AERIAL SURVEY WITH 2 FOOT CONTOUR INTERVALS PREPARED BY POTOMAC AERIAL SURVEYS DATED JANUARY 2006.
- WATER & SEWER ARE PUBLIC. WATER WILL CONNECT TO CONTRACT #44-3931-D. SEWER WILL CONNECT TO CONTRACT #20-5861-D. AN INSIDE WATER METER SETTING WILL BE UTILIZED IN ACCORDANCE WITH HO CO STD DETAIL W3.44.
- SITE IS CLASSIFIED AS REDEVELOPMENT AND REQUIRED TO PROVIDE WATER QUALITY ONLY. STORMWATER MANAGEMENT WATER QUALITY CONTROL TO BE PROVIDED BY THREE BIOTRETENTION FACILITIES.
- EXISTING SEWER IS BASED ON FIELD RUN SURVEYED LOCATIONS AND ELEVATIONS. ALL OTHER EXISTING UTILITIES BASED ON AVAILABLE INFORMATION.
- THE WETLANDS DELINEATION STUDY FOR THIS PROJECT WAS PREPARED BY JOHN E. HARMS, JR. & ASSOCIATES, INC. DATED JUNE 2007. WETLANDS EXIST IN THE SOUTHEASTERN PORTION OF THE SITE.
- PROJECT BACKGROUND INFORMATION:  
 TAX MAP: 48  
 BLOCK/GRID: 1  
 PARCEL: 121  
 ZONING: CE-CU  
 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.
- PROJECT SUMMARY:  
 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 7.28 ACRES.  
 EXISTING BUILDING AREA: 13,472 SQ.FT. OR 0.31 ACRES (2 SINGLE STORY STRUCTURES, EXCLUDES ABANDONED 408 SQ.FT. SHED).  
 TOTAL EXISTING IMPERVIOUS AREA: 329,692 SQ.FT. OR 7.57 ACRES.  
 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).
- 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

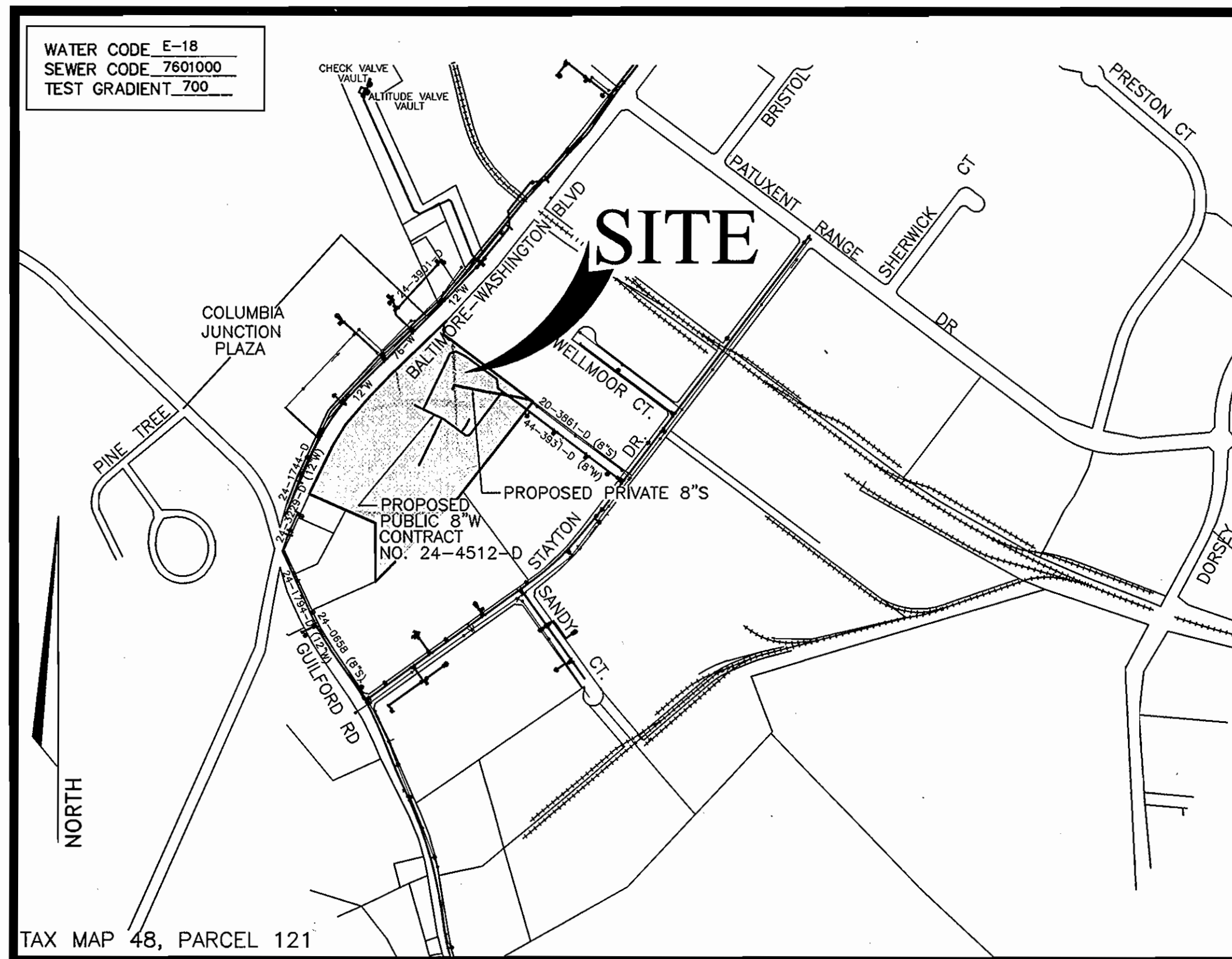
**LEGEND**

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY LINE	---
---	RIGHT OF WAY LINE	---
---	CENTER LINE	---
---	EASEMENT LINE	---
---	TREE LINE	---
---	SEWER LINE & MH	---
---	GAS LINE	---
---	OVERHEAD LINE	---
---	UTILITY POLE	---
---	CURB & GUTTER	---
---	CONTOUR LINE	---
---	SPOT ELEVATION	---
---	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**

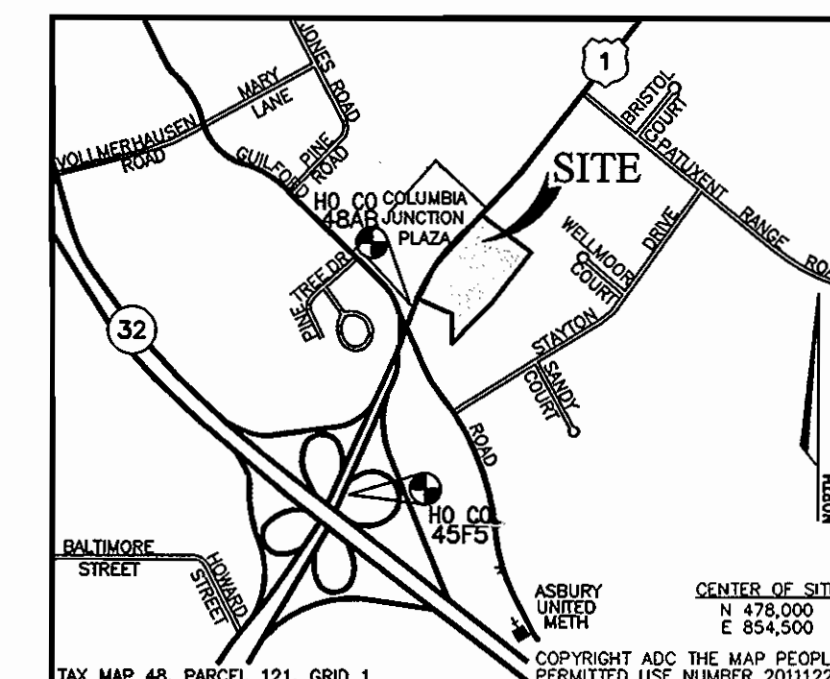
NO.	DESCRIPTION
1	TITLE SHEET
2	WATER & SEWER PLAN
3	WATER & SEWER PROFILES

**AS BUILT**  
 DATE: AUGUST 2009

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

**GENERAL NOTES**

- 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.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM AERIAL SURVEY WITH 2 FOOT CONTOUR INTERVALS PREPARED BY POTOMAC AERIAL SURVEYS DATED JANUARY 2006.
- 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.
- 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 539,285.701 E 1,367,262.429  
 TRAVERSE #5 N 539,169.971 E 1,366,931.691
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- 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.
- 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.
- 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.
- 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
- 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.
- 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.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)313-7450 AT LEAST FIVE(S) 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.
- ALL WATER MAINS TO BE D.I.P. CLASS 54 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- 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.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.
- FOR SPRINKLER SYSTEM FOR ALL TOWN HOMES OR MULTI-FAMILY DWELLING UNITS SHOULD HAVE A MINIMUM OF 1' CONNECTION WITH A 3/4" METER.
- ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- FORCE MAINS SHALL BE D.I.P. ONLY.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- ALL WATER METERS TO BE LOCATED INSIDE PROPOSED UNITS.
- STATIONING SHOWN IS WATER MAIN AND CENTER LINE STATIONING.
- ALL CLEANOUTS AND BALL VALVES ARE TO BE LOCATED AT THE WATER, SEWER AND UTILITY EASEMENT LINE.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
- ALL SEWER HOUSE CONNECTIONS TO BE 4" IN SIZE.
- ALL WATER HOUSE CONNECTIONS TO BE 1" IN SIZE UNLESS OTHERWISE NOTED.
- ALL CELLARS WILL HAVE SERVICE TO LOWEST FLOOR UNLESS OTHERWISE NOTED.
- THERE WILL BE NO TWIN SEWER HOUSE CONNECTIONS ON SITE UNLESS APPROVED BY HOWARD COUNTY.
- ALL WATER MAINS TO BE 8", 6", OR 4" DIP CLASS 54.
- STORM DRAIN SYSTEM INDICATED FOR INFORMATIONAL PURPOSES ONLY, SEE ROAD PLANS FOR CONSTRUCTION DATA.
- COMPACTION IN FILL AREAS TO BE 95% AS DETERMINED PER AASHTO T-180.
- IF MATERIAL IS WITHIN 8% OF OPTIMUM MOISTURE, WORKING THE MATERIAL UNTIL REQUIRED COMPACTION IS ACHIEVED IS CONTRACTOR'S RESPONSIBILITY.
- THE CONSTRUCTION IS TO BE LIMITED TO THAT WHICH CAN BE BACKFILLED AND STABILIZED IN ANY ONE WORKING DAY.
- THE SPOIL FROM THE TRENCH OPERATIONS IS TO BE PLACED ON THE UPHILL SIDE OF CONSTRUCTION.



**VICINITY MAP**  
 SCALE: 1"=2000'

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 [Signature] 2/21/09  
 CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING & ZONING  
 HOWARD COUNTY, MARYLAND  
 [Signature] 3/6/09  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

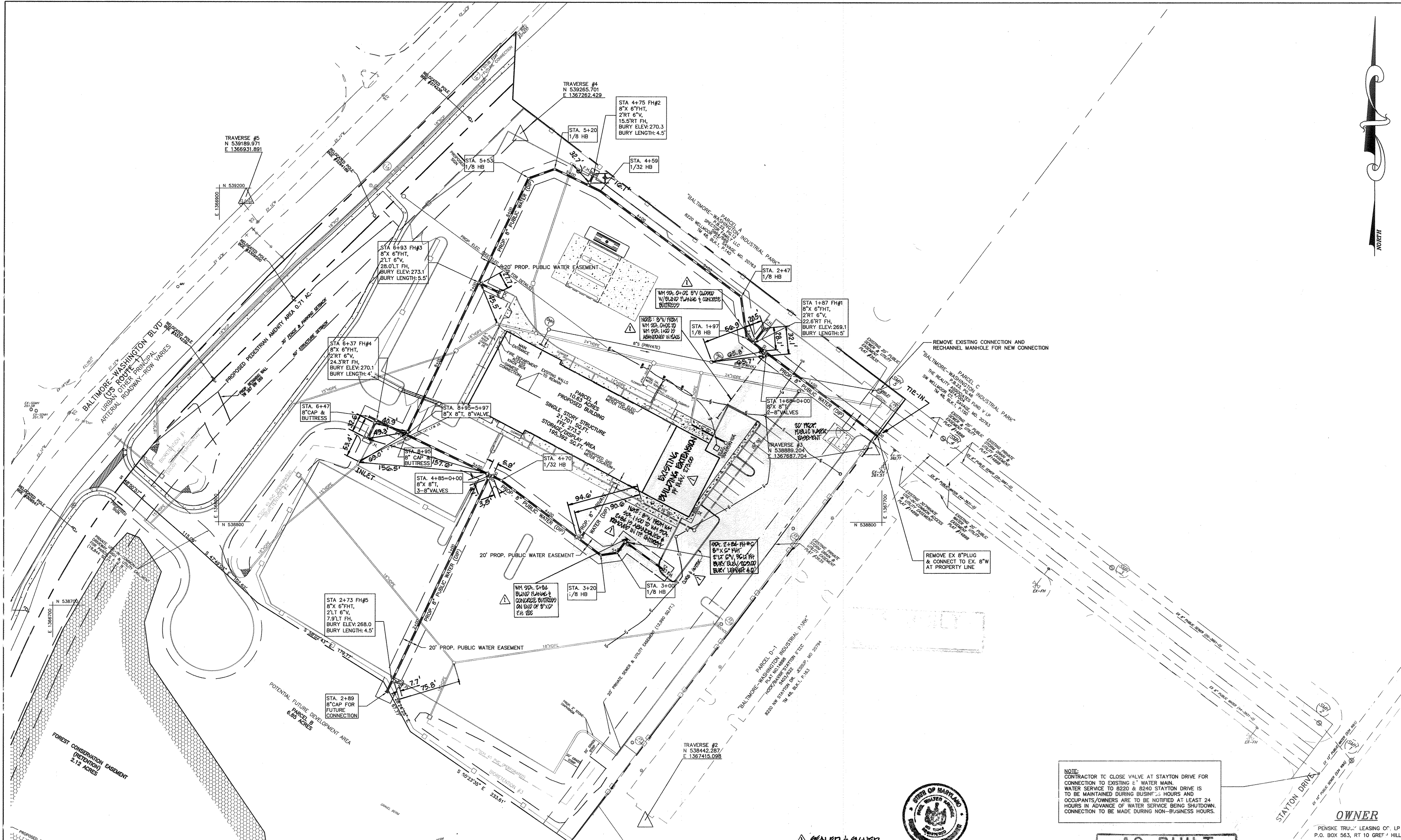
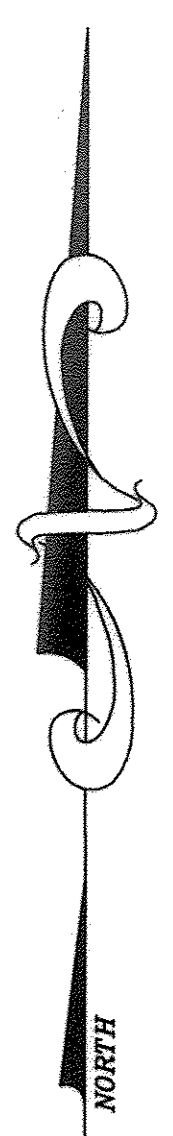
**HARMS**  
 ENGINEERS • PLANNERS • SURVEYORS  
 41 EAST ALL SAINTS STREET, SUITE 210, FREDERICK, MARYLAND 21701  
 OFFICE: 301/631-2827 FAX: 301/631-2828



Engineering	SJD				
Illustration	SIN				
Approval					
Project	08-05-034A				
Date	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  
 1 OF 3



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.

**PAUL W. KRIEGER**  
PAUL W. KRIEGER, NO. 12049  
06/28/17  
PCE

**AS BUILT**  
DATE: AUGUST 2009

**OWNER**  
PENSKE TRUCK LEASING CO., LP  
P.O. BOX 563, RT 10 GREFF HILLS  
READING, PENNSYLVANIA 19603  
(610) 603-8730

PENSKE WATER MAIN EXTENSION  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 24-4512-D

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

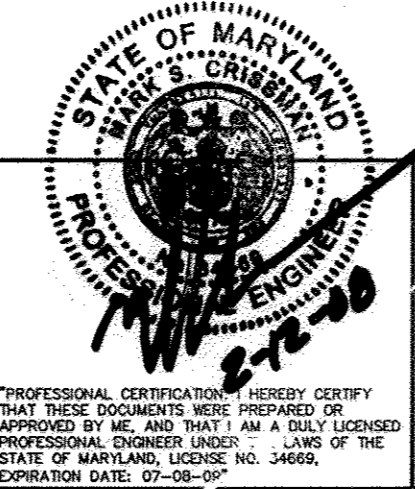
DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*John C. Carr* 2/21/09  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND

*William J. Carr* 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



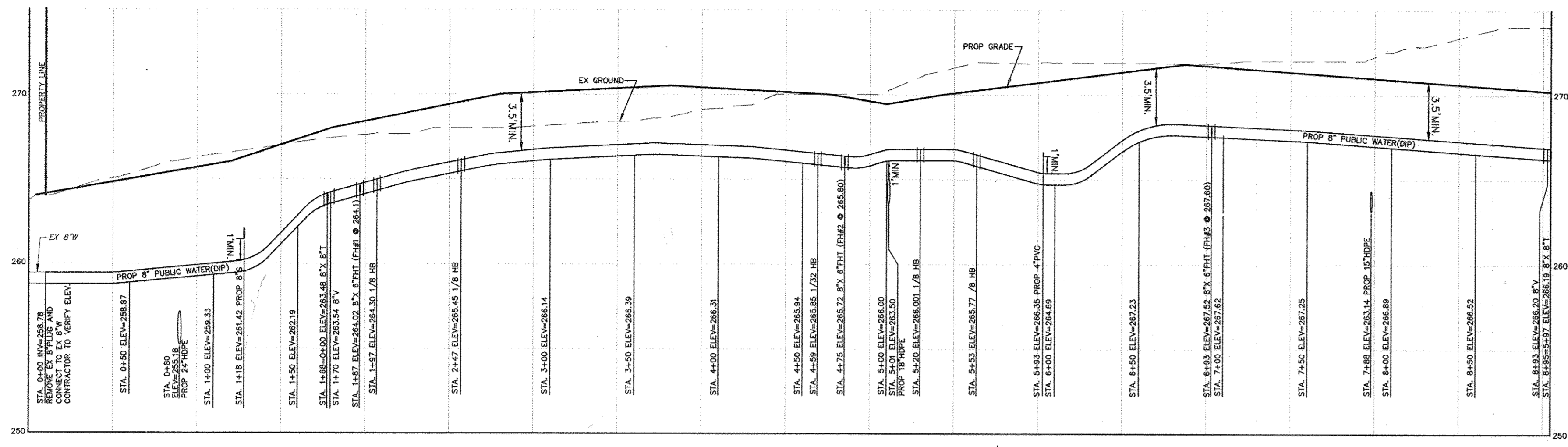
engineering	SJD				
illustration	SIN				
approval					
project	08-05-034A				5/3/17
date	JAN 2008	BY	NO.	REVISION	DATE

**WATER & SEWER PLAN**

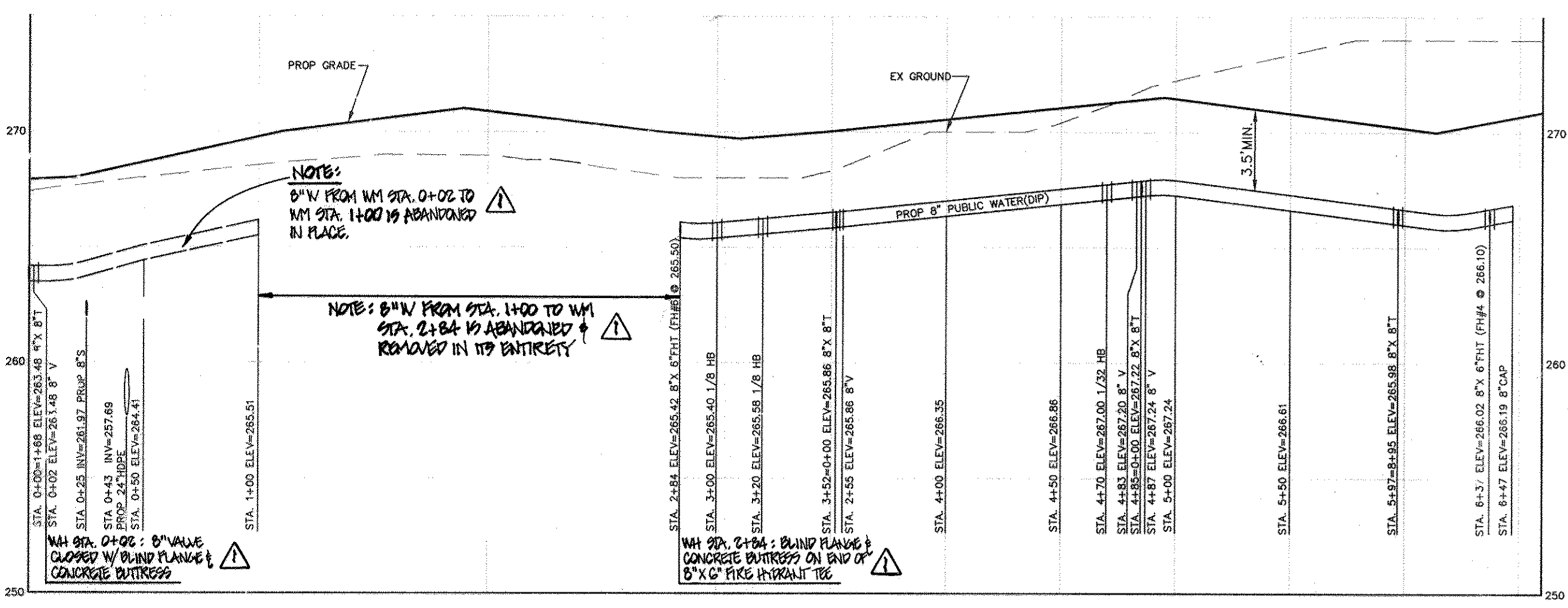
**PENSKE-RENTAL RETAIL & STORAGE FACILITY**  
**CONTRACT # 24-4512 D**  
8685 E. WASHINGTON BOULEVARD  
JESSUP, MARYLAND 20794  
TAX MAP 48, PARCELS 21, SDP-08-015, WP-08-011

600' SCALE MAP NO. 48 BLOCK NO. \_\_\_\_\_

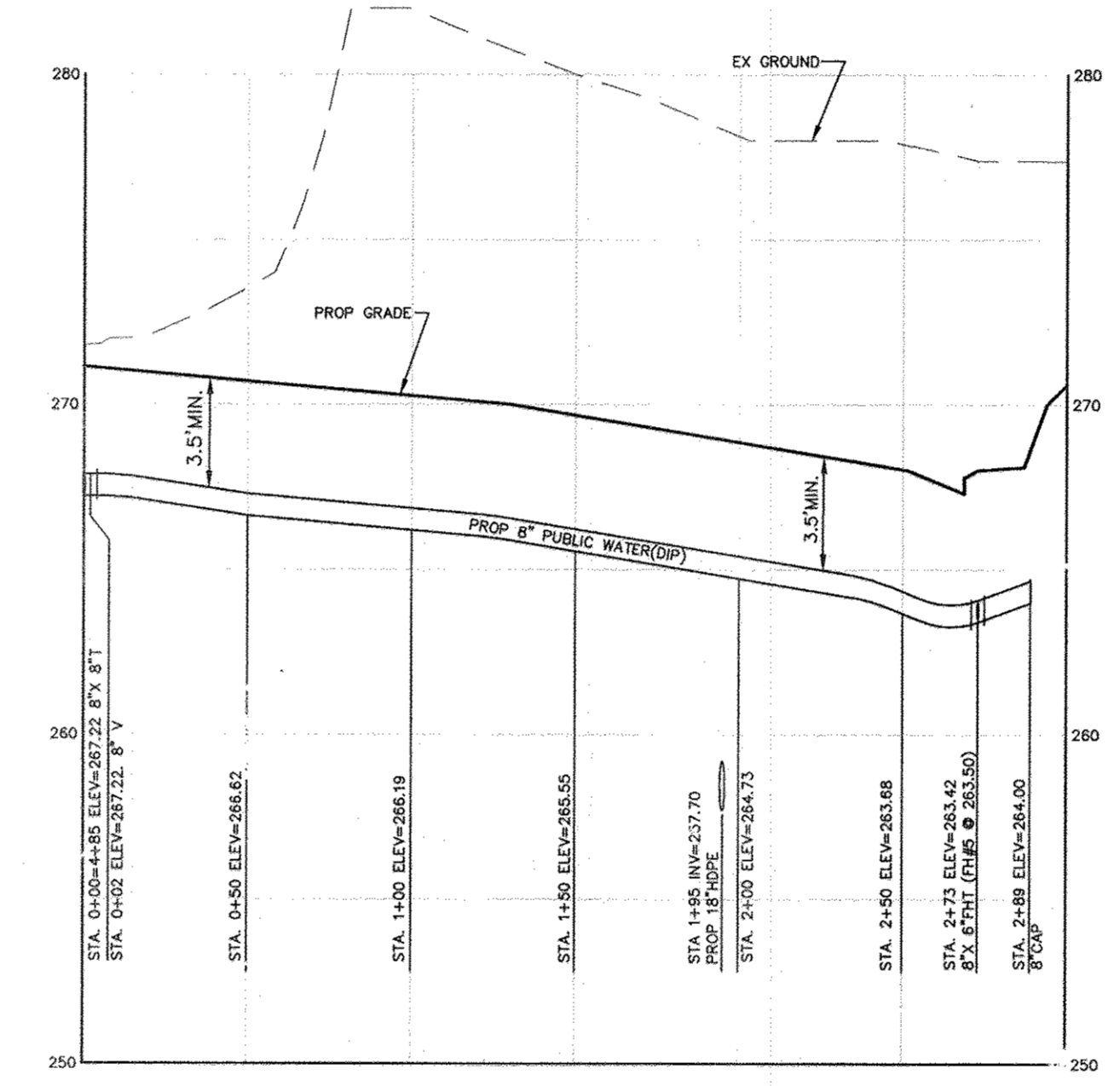
2 of 3



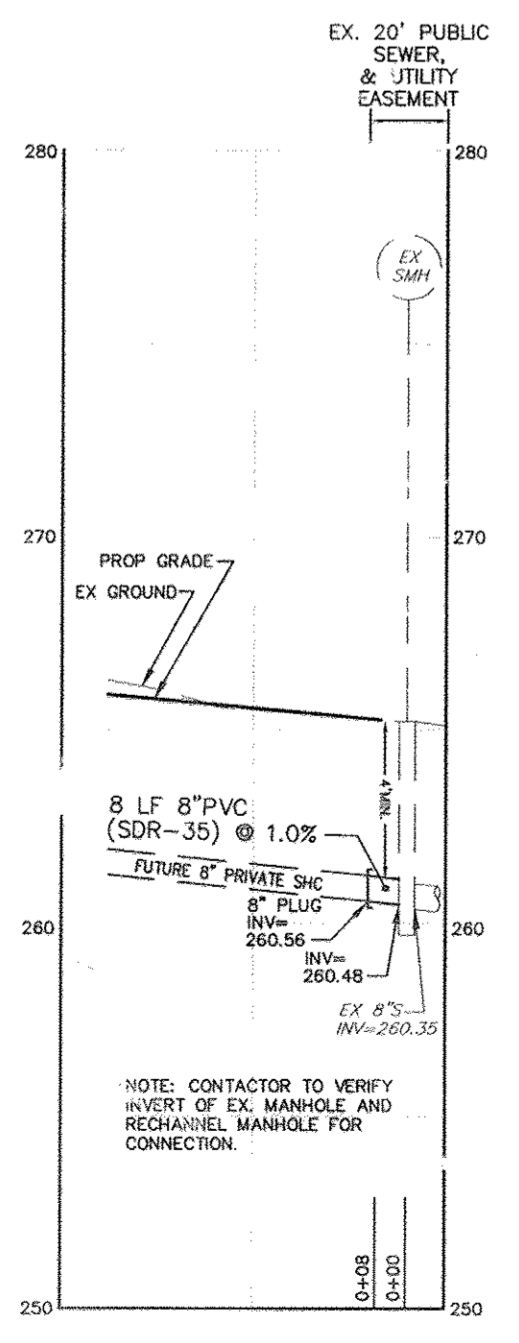
8" WATER MAIN PROFILE #1  
HOR. SCALE: 1"=50'  
VERT. SCALE: 1"=5'



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 1,367,580.234
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 1,367,358.471
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 539,218.211 E 1,367,351.684
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 539,086.829 E 1,367,213.067
STA 6+70, O/S 2' RT	6" V	N 539,085.941 E 1,367,214.807
STA 6+70, O/S 57.1' RT	FH	N 539,074.776 E 1,367,238.250
STA 8+93	8" V	N 538,908.268 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 1,367,580.234
STA 0+02	8" V	N 538,001.895 E 1,367,558.038
STA 2+85	8"X6" FHT	N 538,776.066 E 1,367,390.801
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 538,766.422 E 1,367,403.530
STA 3+00	1/8 HB	N 538,763.041 E 1,367,390.885
STA 3+20	1/8 HB	N 538,767.094 E 1,367,390.885
STA 3+52	8"X8" T	N 538,779.286 E 1,367,335.444
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 1,367,126.195
STA 6+37	8"X6" FHT	N 538,921.652 E 1,367,090.184
STA 6+37, O/S 2' LT	6" V	N 538,919.877 E 1,367,089.274
STA 6+37, O/S 24.3' LT	FH	N 538,899.671 E 1,367,079.616
STA 6+47	8" CAP & BUTTRESS	N 538,925.952 E 1,367,081.058
STA 0+02	EX. 8" PUMP PLANK & CONCRETE BUTTRESS	N 538,904.452 E 1,367,126.195
STA 0+84	EX. 8" PUMP PLANK & CONCRETE BUTTRESS	N 538,904.452 E 1,367,126.195

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 538,605.026 E 1,367,110.021
STA 2+73, O/S 2' LT	6" V	N 538,605.163 E 1,367,111.126
STA 2+73, O/S 7.9' LT	FH	N 538,605.639 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 538,997.257 E 1,367,698.512
STA 0+08	8" PLUG	N 538,958.592 E 1,367,686.477

OWNEE  
PENSKE TRUCK RENTAL  
P.O. BOX 563, RT 1 GREEN HILLS  
READING, PENNSYLVANIA 19603  
(610) 371-8500  
PENSKE  
WATER MAIN EXTENSION  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 24-4512-D

AS BUILT  
DATE: AUGUST 2009



SEALED & SIGNED FOR REVISION NO. 1

Paul W. Kriebel 06/28/17  
PAUL W. KRIEBEL, NO. 12049

DPZ FILE NOS.  
SDP-08-013  
F-08-019  
WP-08-011

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
Chief, Bureau of Utilities

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND  
Chief, Development Engineering Division



ENGINEERS • PLANNERS • SURVEYORS  
41 EAST ALL SAINTS STREET SUITE 210, FREDERICK, MARYLAND 21701  
Office: 301/611-2027 FAX: 301/691-8028



engineering	SJD				
illustration	SIN				
approval					
project	PC				
date	JAN 2008				
BY					
NO.					
REVISION					
DATE					

WATER & SEWER PROJECTS

PENSKE RENTAL RETAIL & STORAGE FACILITY  
CONTRACT # 24-4512-D  
8665 E. WASHINGTON BLVD  
JESSUP, MARYLAND  
TAX MAP 48, PARCEL 121, SDP-08-011, WP-08-011

1"=50'  
3 of 3