GENERAL NOTES

1. APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

- 2. TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED ON SEPTEMBER, 2004 BY FREDERICK WARD ASSOCIATES, INC.
- 3. HORIZONTAL AND VERTICAL CONTROLS: THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/'91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 47C4 AND NO. 47R1. ALL VERTICAL CONTROLS ARE BASED ON NGVD29. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE
- 4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
- 5. CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 5'-0" MINIMUM OR TUNNEL AS REQUIRED UNLESS OTHERWISE NOTED. THE OWNER HAS CONTACTED THE UTILITY. COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWNON THE DRAWINGS DAMAGES SHALL BE DEDUCTED FROM MONIES OWED THE CONTRACTOR. THE CONTRACTOR SHALL
- 6. FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONSTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
- 7. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
- 8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

BGE (CONTRACTOR SERVICE) BGE (EMERGENCY) BUREAU OF UTILITIES COLONIAL PIPELINE CO MISS UTILITY. STATE HIGHWAY ADMINISTRATION 1-800-252-1133 .410-850-4620 410-685-1400 410-313-4900 410-795-1390 1-800-257-7777 410-531-5533

.1-800-743-0033/410-224-9210 9. TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS

10. THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION. PAYMENT

LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.

FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN. 11. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)313-7450 AT LEAST FIVE 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

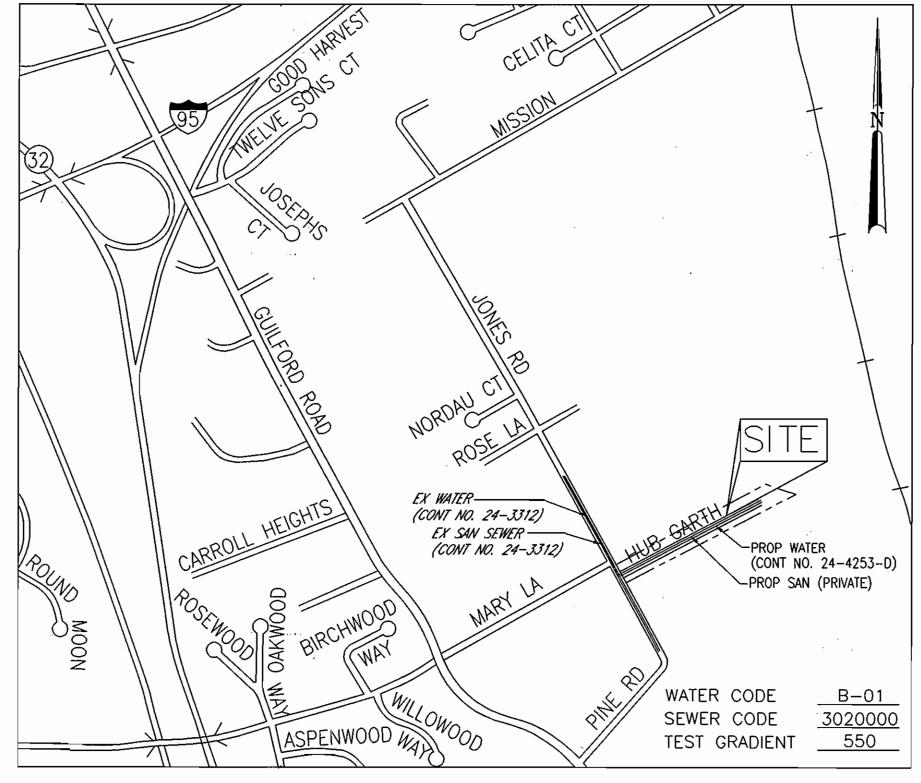
COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD COUNTY CODE. PART II WATER

- 1. ALL WATER MAINS SHALL BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- 2. TOP OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
- 3. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- 4. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- 5. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND SECTION 1005 OF THE STANDARD SPECIFICATIONS.
- 6. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM,
- 7. WATER HOUSE CONNECTIONS SHALL BE 11/2" WITH 1" OUTSIDE METER SETTINGS.

- 1. ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- 2. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- 3. FORCE MAINS SHALL BE D.I.P. ONLY.
- 4. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- 5. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 6. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT THE CELLAR CANNOT BE SERVED.

WATER PLAN JONES ROAD

AGE RESTRICTED ADULT HOUSING HOWARD COUNTY, MARYLAND CONTRACT NO. 24-4253-D



VICINITY MAP

BENCHMARK NO. 1: COUNTY MONUMENT #47C4 TYPICAL HOWARD COUNTY CONCRETE MONUMENT N 539,645,6687, E 1,361,379,3637 ELEV. = 288.845BENCHMARK NO. 2: COUNTY MONUMENT #47R1 TYPICAL HOWARD COUNTY CONCRETE MONUMET N 539,734.5080, E 1,363,098.8714 ELEV. = 282.440

<u>, </u>	·
TYPE OF BUILDING:	COMMERCIAL
NO. OF UNITS/PARCELS:	26/1
NO. OF WATER HOUSE CONNECTIONS:	27
NO. OF SEWER HOUSE CONNECTIONS:	1
DRAINAGE AREA:	PATAPSCO WATERSHED
TREATMENT PLANT:	PATAPSCO WASTEWATER

2005 BY NO.

QUANTITIES									
NAME OF UTILITY CONTRACTOR : WHEELER CONSTRUCTION INC.									
SURVEY AND DRAFTING DIVISION AS-BUILT DATE : K.C.I.									
ITEMS	QUANTITIES	AS-BUILT 12/00							
TIEMS .	ESTIMATED	QUANTITIES TYPE MANUFACTURER/SUF		MANUFACTURER/SUPPLIER					
WATER									
8"x8" TAPPING SLEEVE	. 1 EA.	I.O EA.	81855T5V	FORD H.D. SUPPLY					
8" WATER	1167 L.F.	1.167 L.R.	CC-52	GRIFFIN/H.D. SUPPLY					
6" WATER	23 L.F.	23 L.R.	06-52	es to n					
1 1/2" WHC	522 L.F.	522 L.R.	K	READING/H.D. SUPPLY					
8" X 6" TEE	2 EA.	ZEA	MJ TEE	MUELLER/H.D. SUPPLY					
8" VALVE	2 EA.	ZEA	GATE V.	u n u					
6" VALVE	2 EA.	7 EA	GATE V.	n 4 n					
FIRE HYDRANT	2 EA.	2 EA							
8" CAP & BUTTRESS	1 EA.	IEA	м. Ј.	TYLER H.D. SUPPLY					
SANITARY MANHOLE	1 EA.	· I EA	PRECAST	FREDERICK CONCRETE					
8" SAN SEWER	30 LF	306.F.	SDR-35	J.M. MANUF. / H.D. SUPPLY					
_									

SHEET INDEX	
DESCRIPTION	SHEET NO.
COVER SHEET	1 OF 3
FINAL WATER PLAN & PROFILE	2 OF 3
WATER LINE PROFILE	3 OF 3

" ASBUILTS 12/06 B.R.

NOTE: SK PROPERTIES, LTD. C/O WILLIAM KNOTT 57 WEST TIMONIUM RD, SUITE 106 TIMONIUM, MD 21093 (443) 271-5646 SHALL BE CONTACTED IN CASE OF AN EMERGENCY FOR MAINTAINANCE OF ALL PRIVATE UTILITIES

OWNER SK KING GEORGE, LLC 8013 JONES ROAD JESSUP, MD 20789

DEVELOPER SK PROPERTIES, LTD. C/O WILLIAM KNOTT 57 WEST TIMONIUM RD, SUITE 106 TIMONIUM, MD 21093

(443) 271-5646

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT. FINAL PLAT NO. F-05-06 SITE PLAN NO. SDP-05-16

AND WITH SITE DEVELOPMENT PLAN SDP-05-16

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

P.O. BOX 727, 5 S. MAIN STREET

BEL AIR, MARYLAND 21014-0727 410-879-2090 410-893-1243 fax



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DES:	SJG					_
DRN:	MPB					
CHK:	SJG					
DATE	SEPTEMBER	K.C.1.	1	ASBLULT OATA (FIELD 12/06)	4/30/07	

REVISION

TE DEVELOPMENT NOS: SDP-05-16 **COVER SHEET**

DATE | 600' SCALE MAP NO. ___43

JONES ROAD AGE RESTRICTED ADULT HOUSING **CONTRACT NO. 24-4253-D**

NUMBER OF LOTS: 27 TAX MAP 42, BLOCK 24 PARCEL 143 HOWARD COUNTY: MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

CHIEF, DEVELOPMENT ENGINEERING DIVISION

DEPARTMENT OF PLANNING & ZONING

HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC. ARCHITECTS ENGINEERS PLANNERS SURVEYORS

BLOCK NO. 22 | 6TH ELECTION DISTRICT

SCALE

SHOWN

SHEET

