OFF-SITE SEWER & WATER EXTENSIONS TO SERVE NEW PRINCE GEORGE MIDDLE SCHOOL

TEMPLETON DISTRICT

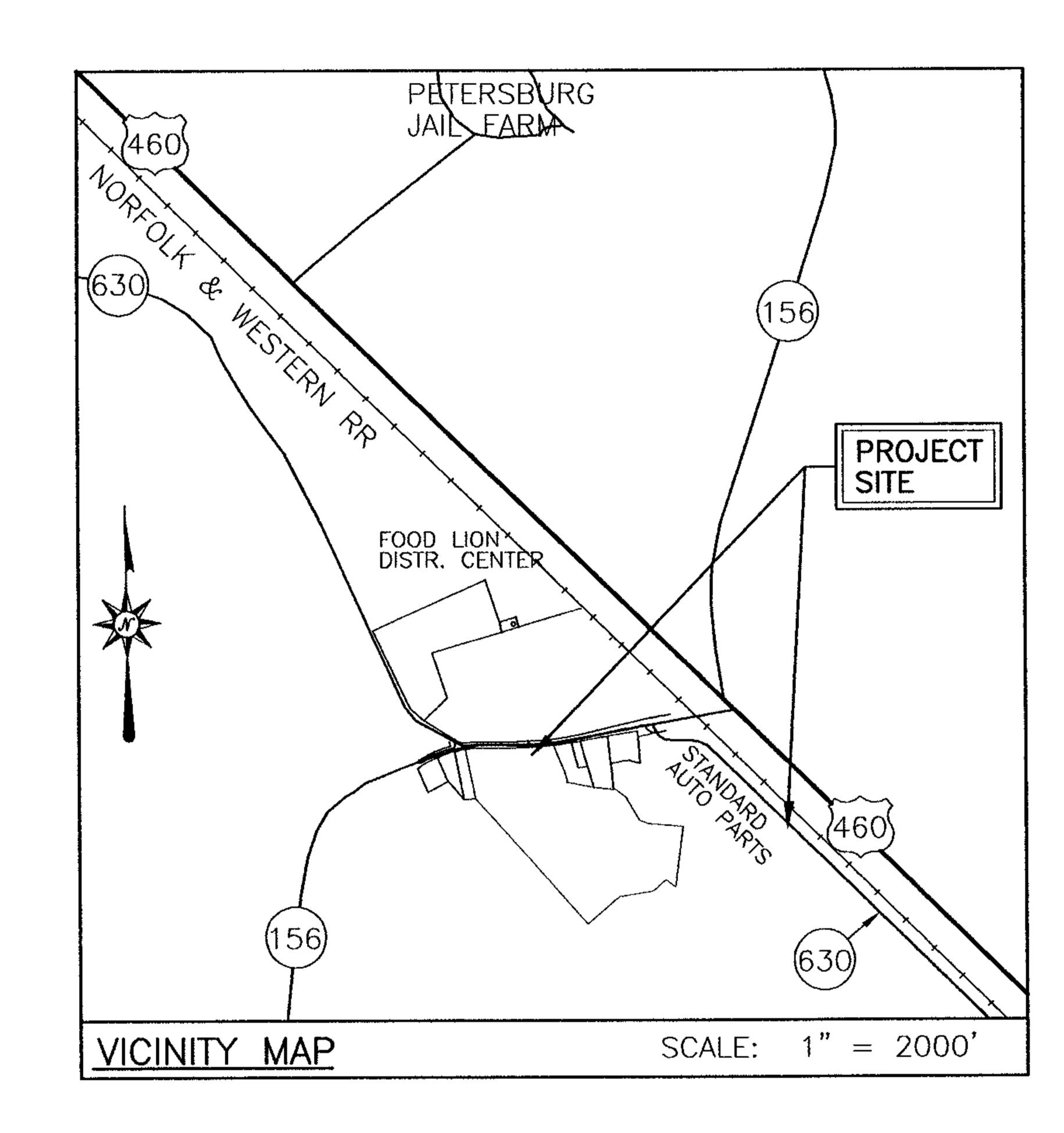
PRINCE GEORGE COUNTY, VIRGINIA

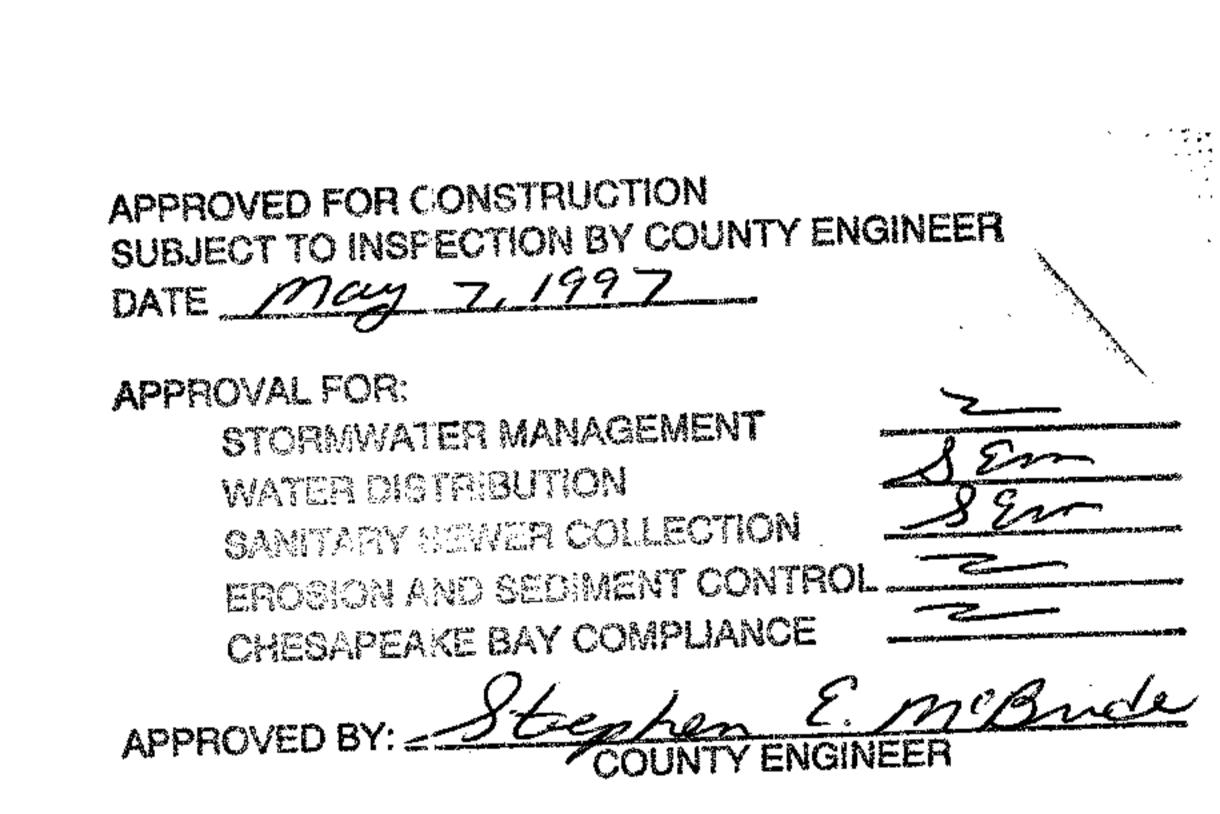
GENERAL NOTES

- 1. ALL MATERIALS AND CONSTRUCTION METHODS FOR WATER AND SANITARY SEWER LINES SHALL CONFORM TO THE PRINCE GEORGE COUNTY WATER AND SEWER REGULATIONS AND STANDARDS.
- 2. ALL WATERLINES SHALL BE DUCTILE IRON (DI) CLASS 51 OR PVC (C-900).
- 3. ALL SANITARY SEWER LINES SHALL BE PVC (SDR-35).
- 4. ALL WORK SHALL BE SUBJECT TO INSPECTION BY COUNTY ENGINEER OR HIS DESIGNATED REPRESENTATIVE. THE CONTRACTOR SHALL NOTIFY THE COUNTY ENGINEER'S OFFICE AT (804) 733–2625 AT LEAST 48 HOURS PRIOR TO START OF WORK
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL NECESSARY PERMITS FROM THE COUNTY AND VDOT TO PERFORM ALL WORK AS SHOWN ON THESE PLANS.
- 6. THE LOCATION OF EXISTING UTILITIES ACROSS OR ALONG THE LINE OF THE PROPOSED WORK IS NOT NECESSARILY AS SHOWN ON THE PLANS AND WHERE SHOWN IS ONLY APPROXIMATELY CORRECT. THE CONTRACTOR SHALL, ON HIS OWN INITIATIVE AND AT NO EXTRA COST TO THE OWNER, LOCATE ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. IF EXISTING LINES NEED TO BE RELOCATED OR TEMPORARILY SUPPORTED, THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY.
- 7. THE CONTRACTOR SHALL CALL "MISS UTILITY" TOLL FREE AT 1-800-552-5001 PRIOR TO CONSTRUCTION.
- 8. MINIMUM COVER FOR ALL WATER LINES SHALL BE 3'-6".
- 9. THE FIRE HYDRANT PUMPER CONNECTION SHALL FACE IN THE DIRECTION OF THE
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL SURFACE FEATURES, INCLUDING MAILBOXES, CULVERTS, SIGNS, ETC., DISTURBED DURING CONSTRUCTION TO PRECONSTRUCTION CONDITION WITHOUT EXTRA COMPENSATION.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLUGGING OR CAPPING WATER AND SEWER LINES AT THE END OF EACH DAY. THE PLUG OR CAP SHALL PROVIDE A WATER TIGHT SEAL.
- 12. THE LOCATION OF SANITARY SEWER LATERALS AND WATER METERS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF EACH WITH THE INDIVIDUAL PROPERTY OWNERS.
- 13. THE CONTRACTOR MUST NOTIFY THE VDOT RESIDENCY OFFICE 48 HOURS PRIOR TO COMMENCEMENT OF ALL WORK WITHIN THE STATE RIGHT-OF-WAY SO THAT DENSITY CAN BE TESTED ON TRENCH BACKFILL (95% AT OPTIMUM MOISTURE #2%).
- 14. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING TESTING OF ALL SEWER AND WATER LINES WITH COUNTY ENGINEER'S OFFICE. TEST RESULTS SHALL BE SUPPLIED IN WRITING TO THE COUNTY ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A CLEAN COPY OF THESE PLANS WITH AS-BUILT INFORMATION TO DESIGN ENGINEER FOR PREPARATION OF MYLAR AS-BUILTS. AS-BUILT INFORMATION SHALL INCLUDE ACTUAL INVERTS AND TOPS OF ALL MANHOLES, STATION, LENGTH AND DEPTH OF SEWER LATERALS, AND TIE DISTANCES FOR TEES, VALVES, AND FIRE HYDRANTS.

GENERAL REQUIREMENTS - VDOT

- 1 SIGNING "ROAD WORK AHEAD", "ONE LANE AHEAD", "BE PREPARED TO STOP", AND "FLAGMAN AHEAD" SIGNS MUST BE USED.
- 2 WORK SHALL BE PERFORMED BETWEEN 9:00 AM AND 4:00 PM ON WEEKDAYS.
- ONE LANE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.





LEGEND

-	EXISTING	PROPOSED
WATERLINE	——-4" W ——-	8" W
SANITARY SEWER	8" S	8" S
GATE VALVE & BOX	\otimes	\otimes
FIRE HYDRANT		
WATER SERVICE & METER		
SAN SEWER LATERAL		
DRIVEWAY CULVERT		
PAVEMENT REPLACEMENT		+ + + + +
MAIL & PAPER BOXES	άά	
MANHOLES	0	0
TELEPHONE PEDESTAL	<u>A</u>	
BENCH MARKS	ž.	
TREES AND SHRUBS		
POWER/TELEPHONE POLES	ø	

DEVELOPER

PRINCE GEORGE COUNTY
SCHOOL BOARD
P.O. BOX 80
PRINCE GEORGE, VA. 23875
PHONE: 804-733-2700
FAX: 804-733-2737
ATTN: MR. THOMAS NICHOLS, SUPERINTENDENT

TITLE

APPROXIMATE MATERIAL QUANTITIES

SEWER			WATER		
8" SEWERLINE - SDR35 PVC	2477	LF	12" WATERLINE - CL 52 D.I.	3807 L	F
STD. MANHOLE	94.77	VF	8" WATERLINE - C900 PVC	32 L	_F
M/H FRAME & COVER	10	EA	12" GATE VALVE & BOX	2 E	ĒΑ
6" LATERALS - SDR35 PVC	4	EA	8" GATE VALVE & BOX	2 E	EΑ
PAVEMENT REPLACEMENT	439	SY	6" GATE VALVE & BOX	5 E	EΑ
			FITTINGS		
			12" x 8" TEE	2 E	EΑ
			12" x 6" TEE	5 E	ĒΑ
			12" CAP	1 E	EA
			8" CAP	2 E	EA
			12" 45" BEND	2 E	EA
			12" 11-1/4" BEND	2 E	EA
NOTE: QUANTITIES LISTED ABOVE ARE			FIRE HYDRANT	5 E	EA
APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR HIS OWN TAKE—OFF FROM THESE PLANS.			SERVICE CONNECTIONS	4 F	EA

SHEET INDEX

SHEET NUMBER

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5	SEWER & WATER PLAN/PROFILE
6	WATER PLAN
	AUSTIN BROCKENBROUGH
	AND ASSOCIATES CONSULTING ENGINEERS
	CONSULTING ENGINEERS 4800 W. HUNDRED RD. CHESTER, VIRGINIA 2383
₹	CONSULTING ENGINEERS 4800 W. HUNDRED RD. CHESTER, VIRGINIA 2383 (804) 748-8746 FAX: (804) 777-9907