SITE, GRADING, AND EROSION & SEDIMENT CONTROL PLAN FOR APPALACHIAN POWER COMPANY 7th. STREET STATION EXPANSION

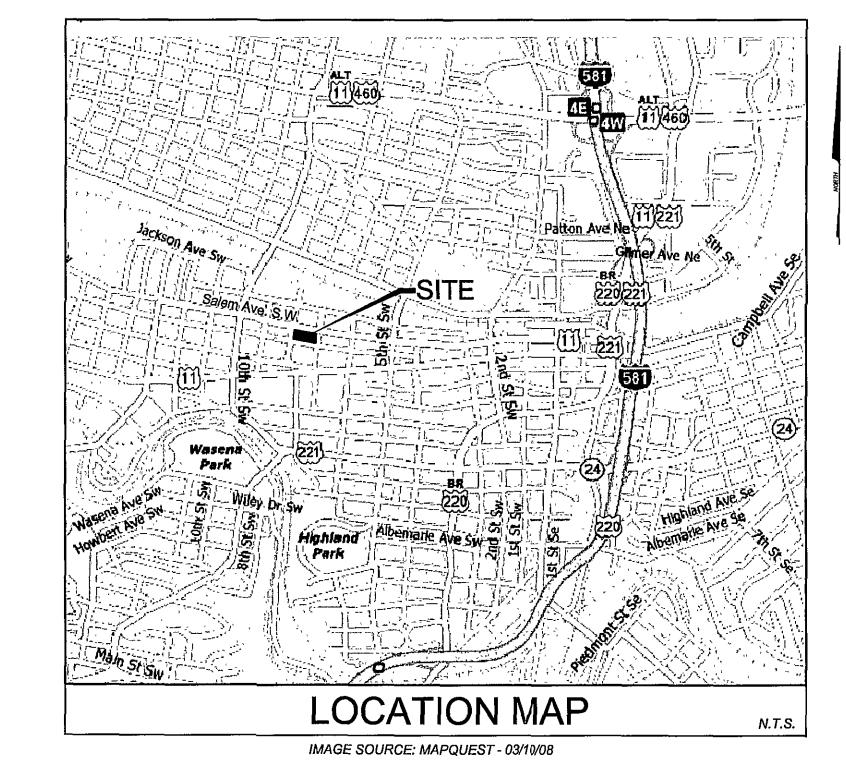
CITY OF ROANOKE, VIRGINIA

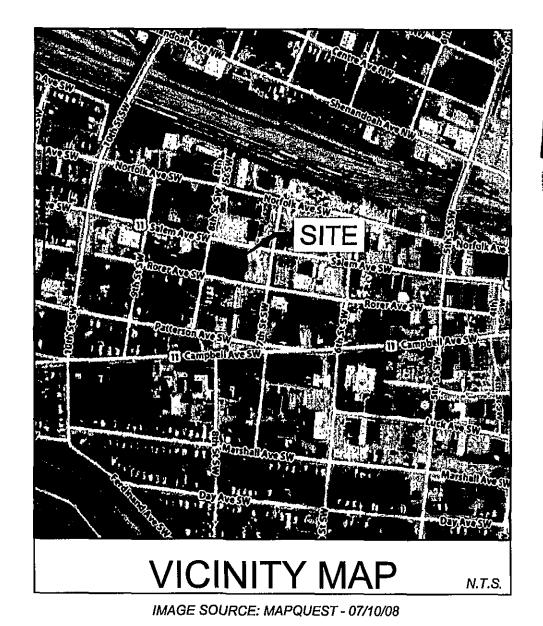
- 20. THE AREA SHOWN HEREON IS LOCATED IN FLOOD HAZARD ZONE 'X' AND IS NOT LOCATED WITHIN FLOOD HAZARD ZONE 'A' FOR A 100 YEAR FLOOD AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY AS SHOWN ON COMMUNITY-PANEL MAP
- #51161C0164G DATED REVISED SEPTEMBER 28, 2007. 21. UTILITIES SHOWN HEREON ARE BASED ON AVAILABLE ABOVEGROUND STRUCTURES.
- 22. A FIELD REVIEW SHALL BE MADE BY CITY OF ROANOKE DURING CONSTRUCTION TO DETERMINE THE ADEQUACY OF CHANNELS AND DITCHES AS CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLAN. IN THE EVENT OF SCOUR AND EROSION, THE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS DETERMINED AND REQUIRED BY CITY OF ROANOKE.
- 23. EXISTING STATION PERIMETER FENCE WILL REMAIN IN PLACE DURING CONSTRUCTION.
- 24. LANDSCAPING TO BE INSTALLED AFTER PLACEMENT OF NEW FENCE (BY OTHERS) AND REMOVAL OF EXISTING STATION EQUIPMENT AND

CITY OF ROANOKE CONSTRUCTION NOTES

- LAND DISTURBANCE PERMIT: AN APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR ANY BORROW/FILL SITES ASSOCIATED
- WITH THE PROJECT MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A LAND DISTURBANCE PERMIT.
- 2. PLANS AND PERMITS: A COPY OF THE PLANS AS APPROVED BY THE CITY (SIGNED BY THE PROPER CITY OFFICIALS) AND ALL PERMITS ISSUED BY THE CITY SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES OF ONGOING CONSTRUCTION. 3. LOCATION OF UTILITIES: THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE
- COMMENCEMENT OF ANY CONSTRUCTION. 4. CONSTRUCTION ENTRANCE: THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION
- RELATED EGRESS FROM THE SITE. SIZE AND COMPOSITION OF CONSTRUCTION ENTRANCE IS SHOWN ON THE PLANS. 5. STREETS TO REMAIN CLEAN: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT THE PUBLIC STREET ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST, AND/OR ANY TYPE OF CONSTRUCTION MATERIALS OR LITTER AT ALL TIMES.
- 6. BARRICADES/DITCHES: THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXCAVATED DITCHES AND SHALL FURNISH AND
- ENSURE THAT ALL BARRICADES PROPER AND NECESSARY FOR THE SAFETY OF THE PUBLIC ARE IN PLACE. APPROVED PLANS/CONSTRUCTION CHANGES: ANY CHANGE OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE EROSION AND SEDIMENT CONTROL AGENT PRIOR TO SAID CHANGES OR VARIATION IN CONSTRUCTION BEING MADE.

8. FINAL ACCEPTANCE/CITY: THE OWNER OR DEVELOPER SHALL FURNISH THE CITY OF ROANOKE'S PLANNING BUILDING AND DEVELOPMENT DEPARTMENT WITH A FINAL CORRECT SET OF AS-BUILT PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.





CITY OF ROANOKE BUILDING INSPECTIONS OFFICE 215 CHURCH AVE. SW. CITY OF ROANOKE, VA 24011

(540) 853-1090

SHEETS

- **COVER SHEET**
- **EXISTING CONDITIONS AND DEMOLITION PLAN**
- SITE LAYOUT PLAN
- GRADING AND EROSION AND SEDIMENT CONTROL PLAN
- **EROSION AND SEDIMENT CONTROL DETAILS**
- SECTIONS & SITE DETAILS
- **BMP DETAILS**
- RETAINING WALL PLAN AND DETAILS
- 9. LANDSCAPING PLAN AND DETAILS
- 10. LANDSCAPING SPECIFICATIONS

THIS SET OF PLANS HAS BEEN REVIEWED ACCORDING TO HURT & PROFFITT DA/QC POLICIÉS.

ESTIMATED MATERIALS QUANTITIES LIST			
TFENCE	694	LF	
PSOIL STRIPPING AND STOCKPILING (ASSUMED 6" DEEP)	0.93	ACRES	(750 CY)**
PSOIL SPREADING (5" DEEP)		ACRES	(127 CY)
PSOIL SPOIL	623	CY	
EARING AND GRUBBING	1.16	ACRES	
CAVATION (CUT)	7360	CY	
IBANKMENT (FILL)	259	CY*	
RTHWORK SPOIL	7101	CY	
NCRETE WALL	3481	VSF*	
NSTRUCTION ENTRANCE FILTER FABRIC	1610	SF*	
NSTRUCTION ENTRANCE AGGREGATE (6" THICK VDOT#1 STONE)	29	CY	(79 TONS)*
IVEWAY FILTER FABRIC	715	SF*	
IVEWAY AGGREGATE (6" THICK VDOT#1 STONE)	13	CY	(26 TONS)*
IVEWAY AGGREGATE (4" THICK CRUSHER RUN STONE)	9	CY	(18 TONS)*
NC. ENTRANCES	96	SY	
MOLITION SIDEWALK	2928	SF	
PLACEMENT SIDEWALK	2656	SF	
MOLITION CURB & GUTTER	66	LF	
PLACEMENT CURB & GUTTER (NOT INCLUDING NEW ENTRANCES)	10	LF	American State and and and
BSTATION STONE REMOVED (5" DEPTH)	58	CY	(117 TONS)*
INTANKS	5670	CF	T
AVEL FILL FOR BMP (18" THICK MIN. VDOT #57 AGGREGATE)	317	CF*	(642 TONS)*
OGRID OVER RAINTANKS	5704	SF*	
RCP BMP PIPE	80	LF	
PVC BMP DRAIN PIPE	32	LF	
ANKET MATTING	3523	SF *	<u> </u>
MPORARY SEEDING	0.12	ACRES	\
RMANENT SEEDING		ACRES	
ILCH	0.05	ACRES	
RTILIZER	100	LBS	
NDSCAPING (SEE SHEET 8 OF 8)	0.2	ACRES	
BSTATION STONE (5" AASHTO #57 WASHED LIMESTONE) (BY OTHERS)	700		(1418 TONS)*
AINLINK FENCE REMOVAL (BY OTHERS)	700	LF	
AINLINK FENCE W/ (4) 24' DOUBLE SWING GATES (BY OTHERS)	1093	LF	
DERDRAIN FOR WALL		LF *	
			· · · · · · · · · · · · · · · · · · ·
ICLUDES 15% WASTE AND OVERLAPS (BLANKET MATTING, FILTER FABRIC, AGG	REGATE)		
UANTITY BASED ON ASSUMED 6" TOPSOIL DEPTH & MAY VARY, DEPENDING ON			

CITY OF ROANOKE

UTILITIES AS - BUILT 11/19/2008 SEE SHEET 2a



CH: FHJ/RAH

DATE: 07/10/08

HURT AND PROFFITT, INC. PROJECT NO. 20080140 G.L. NO. 260-07-A5.3 FILE. NO. G-12176



2524 LANGHORNE ROAD LYNCHBURG VA 24501 800.242.4906 TOLL FREE 434.847.7796 MAIN 434.847.0047 FAX

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COVER SHEET

SCALE: AS NOTED APPD: MDW 1 RIVERSIDE PLAZA DWG. COLUMBUS, OH 43215 NO.

REVISION DESCRIPTION DR ENG CK ISSUE#

THE ENGINEER AND/OR SURVEYOR TAKES NO RESPONSIBILITY FOR THE LOCATION OR ACCURACY OF THE UTILITIES AS SHOWN HEREON OR ANY UTILITIES WITHIN THE PROJECT THAT MAY NOT BE SHOWN HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES TO SEE IF ANY UTILITIES EXIST WITHIN THE AREA OF THE PROJECT BEFORE ANY CONSTRUCTION BEGINS. ANY COST INCURRED BY DAMAGING ANY UTILITY WITHIN THE PROJECT SHALL BE AT THE EXPENSE OF THE CONTRACTOR

48 WORKING HOURS PRIOR TO STARTING THE WORK, THE CONTRACTOR SHALL CALL MISS UTILITY AT 811 AND ADVISE THE NATURE AND LOCATION OF THE

NO DATE