

- NOTES:
1. MINIMUM AND MAXIMUM TRENCH WIDTHS MEASURED AT THE SPRING LINE OF THE PIPE AND ONE (1) FOOT ABOVE THE CROWN OF PIPE.  
 MAXIMUM WIDTH = 1' + O.D.  
 MAXIMUM WIDTH = 2.5 X O.D.
  2. BACK FILL MATERIAL SHALL BE SELECT ON SITE MATERIAL THAT IS FREE OF DEBRIS, ORGANIC MATTER, PERISHABLE COMPRESSIBLE MATERIALS, AND STONE AND ROCK FRAGMENTS IF TRENCH IS IN AN AREA TO BE PAVED THE BACK FILL MATERIAL SHALL BE PLACED IN LAYERS NOT EXCEEDING SIX (6) INCHES IN THICKNESS AND EACH LAYER IS TO BE COMPACTED TO A MINIMUM 95% OF STANDARD PROCTOR AS DETERMINED BY ASTM D-698. THE MOISTURE CONTENT OF EACH LAYER MUST BE WITHIN 2 PERCENTAGE POINTS OF OPTIMUM.

**HP STORM PIPE BEDDING**  
NOT TO SCALE

STORM STRUCTURE TABLE					
NO.	TYPE	TOP/THR./INV.	D.A. (Ac.)	Q10(cfs)	
21	#3070 INLET	THR. 313.00	0.73	2.3	2.4
22	#3070 INLET	THR. 313.00	0.36	1.2	
23	#3070 INLET	THR. 312.50	0.56	1.8	
24	#10 INLET	THR. 313.00	0.07	0.2	
25	EX. 3070 INL.	EX. THR. 311.27	--	--	--

STORM PIPE TABLE											
FROM	FL	TO	FL	SIZE (IN.)	MATERIAL	LENGTH	SLOPE (%)	ACRES	Q10 (cfs)	Q2 (cfs)	VEL. (fps)
21	310.92	22	310.14	12	HP STORM	97	0.80	0.73	2.3	3.2	4.1
22	310.14	23	309.97	12	HP STORM	17	1.00	1.09	3.5	3.6	4.5
23	309.72	24	309.04	15	HP STORM	85	0.80	1.65	5.3	5.8	4.7
24	309.04	25	308.60	15	HP STORM	54	0.80	1.72	5.5	5.8	4.7

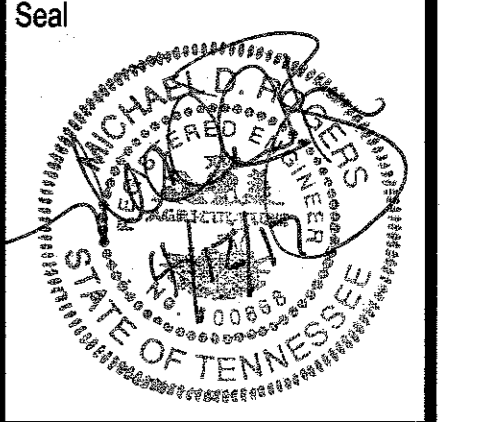
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 Layout Name: AREA A PnP  
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**DRAINAGE IMPROVEMENTS**  
**OAKWOOD P.D.**  
 LAKELAND, TENNESSEE

Rev.	Date	Revision Description



Issue Date: 02-20-17  
 Project No: B10149  
 Drawn By: SYN  
 Checked By: MDR

**AREA A PLAN & PROFILE (STORM STRUCTURE 21 TO 25)**