

DETAILED BREAKDOWN OF ITEMS

Prepared for: RIVINGTON SCHOOL APARTMENTS
 Project ID: ADAPTIVE REUSE & NEW CONSTRUCTION CITY OF CONVINGTON, VIRGINIA
 Scope: GRADING & UTILITIES



Design To Estimate
 Date: 11-Nov-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL												\$	-
EARTHWORK													
GRADING													
8	C1.6,C1.7&C1.8	Given Contours	Total Cut	CY	2431	0%	2431	0.00	0.00	\$ -	\$ -	\$ -	\$ -
9	C1.6,C1.7&C1.8	Given Contours	Total fill	CY	1811	0%	1811	0.00	0.00	\$ -	\$ -	\$ -	\$ -
10	C1.6,C1.7&C1.8	Given Contours	Soil To Be Exported	CY	620	0%	620	0.00	0.00	\$ -	\$ -	\$ -	\$ -
20% Fluff Factor Has Been Added													
TRENCHING OF PIPES													
11	C1.6,C1.7&C1.8	Given Profiles	Trenching	CY	3210	0%	3210	0.00	0.00	\$ -	\$ -	\$ -	\$ -
12	C1.6,C1.7&C1.8	Given Profiles	Backfilling	CY	3134	0%	3134	0.00	0.00	\$ -	\$ -	\$ -	\$ -
20% Fluff Factor Has Been Added													
EXCAVATION FOR STORMTECH SYSTEM													
13	C1.6,C1.7&C1.8	Given Sectional Details	Excavation	CY	5732	0%	5732	0.00	0.00	\$ -	\$ -	\$ -	\$ -
14	C1.6,C1.7&C1.8	Given Sectional Details	Backfilling (Foundation Stone)	CY	537	0%	537	0.00	0.00	\$ -	\$ -	\$ -	\$ -
15	C1.6,C1.7&C1.8	Given Sectional Details	Backfilling (Embedment Stone)	CY	2347	0%	2347	0.00	0.00	\$ -	\$ -	\$ -	\$ -
16	C1.6,C1.7&C1.8	Given Sectional Details	Initial & Final Fill (Granular Well Graded Soil & Any Soil Rock Material Native Soil)	CY	717	0%	717	0.00	0.00	\$ -	\$ -	\$ -	\$ -
20% Fluff Factor Has Been Added													
SUBTOTAL												\$	-
UTILITIES													
STORM DRAINAGE PIPING													
17	C1.6,C1.7&C1.8	Plan Notes	6" HDPE Pipe	LF	584	10%	642	0.00	0.00	\$ -	\$ -	\$ -	\$ -
18	C1.6,C1.7&C1.8	Plan Notes	8" HDPE Pipe	LF	351	10%	386	0.00	0.00	\$ -	\$ -	\$ -	\$ -
19	C1.6,C1.7&C1.8	Plan Notes	10" HDPE Pipe	LF	251	10%	276	0.00	0.00	\$ -	\$ -	\$ -	\$ -
20	C1.6,C1.7&C1.8	Plan Notes	12" HDPE Pipe	LF	185	10%	204	0.00	0.00	\$ -	\$ -	\$ -	\$ -
21	C1.6,C1.7&C1.8	Plan Notes	15" HDPE Pipe	LF	178	10%	196	0.00	0.00	\$ -	\$ -	\$ -	\$ -
22	C1.6,C1.7&C1.8	Plan Notes	18" HDPE Pipe	LF	688	10%	757	0.00	0.00	\$ -	\$ -	\$ -	\$ -
23	C1.6,C1.7&C1.8	Plan Notes	24" HDPE Pipe	LF	20	10%	22	0.00	0.00	\$ -	\$ -	\$ -	\$ -
24	C1.6,C1.7&C1.8	Plan Notes	6" HDPE Cleanouts	EA	10	0%	10	0.00	0.00	\$ -	\$ -	\$ -	\$ -
PRECAST STRUCTURES													
25	C1.6,C1.7&C1.8	Plan Notes	3' Dia Prop ADS Yarn Drain, Round, W/Cast Iron Grate	EA	12	0%	12	0.00	0.00	\$ -	\$ -	\$ -	\$ -
26	C1.6,C1.7&C1.8	Plan Notes	5'-6" x 5'-6" Storm Catch Basin W/ Frame & Cover	EA	10	0%	10	0.00	0.00	\$ -	\$ -	\$ -	\$ -
27	C1.6,C1.7&C1.8	Plan Notes	4' x 4' Catch Basin @ MC7200 Storm Tech System	EA	3	0%	3	0.00	0.00	\$ -	\$ -	\$ -	\$ -
28	C1.6,C1.7&C1.8	Plan Notes	Storm Tech Highly Recommends Flexstorm Inserts In Any Upstream Structure W/Open Grates	EA	3	0%	3	0.00	0.00	\$ -	\$ -	\$ -	\$ -
28	C1.6,C1.7&C1.8	Plan Notes	4' Dia Storm Manholes W/Frame & Cover	EA	6	0%	6	0.00	0.00	\$ -	\$ -	\$ -	\$ -
STORMTECH SYSTEM													
29	C2.5	Plan Notes	Storm Tech 7200 System (USG 1) MC7200 (156 Total Chambers) MC7200(52 Total End Caps) Total Storage 47694 CF Inspection Port (6 EA) Nylolplast 8" Locking Solid Cover & Frame 8" Nylolplast Universal Drain Body Or Traffic Rated Box W/Solid Locking Over 4" SDR Pipe Vertical (4' H) 4" Inserta Tee To Be Centered On Corrugation Valley	EA	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
30	C2.5	Plan Notes	Storm Tech 7200 System (USG 2) MC7200 (16 Total Chambers) MC7200(8 Total End Caps) Total Storage 5200 CF Inspection Port (2 EA) Nylolplast 8" Locking Solid Cover & Frame 8" Nylolplast Universal Drain Body Or Traffic Rated Box W/Solid Locking Over 4" SDR Pipe Vertical (4' H) 4" Inserta Tee To Be Centered On Corrugation Valley	EA	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
31	C2.5	Given Sectional Details	1 Layer Of ADS Geosynthetics Non Woven Geotextile Between Cover Stone & C Layer	SF	16122	10%	17734	0.00	0.00	\$ -	\$ -	\$ -	\$ -
32	C2.5	Given Sectional Details	1 Layer Of ADS Geosynthetics Non Woven Geotextile On Both Sides Of Thermoplastic Liner All Around Clean Crushed Angular Stone In A & B Layers	SF	21946	10%	24141	0.00	0.00	\$ -	\$ -	\$ -	\$ -
33	C2.5	Given Sectional Details	Thermoplastic Liner	SF	21946	10%	24141	0.00	0.00	\$ -	\$ -	\$ -	\$ -
SUBTOTAL												\$	-
OVERHEAD AND PROFIT												15%	\$0
INSURANCE												0%	\$0
CONTINGENCY												0%	\$0
TAX												0%	\$0
SUGGESTED BID													\$0
Notes:													
1. Online sources are used for pricing.													
2. Prices can vary depending upon field conditions.													