

Grandview Reserve On Site Sanitary Sewer

El Paso County No. PPR2421

Prepared For (Applicant/Owner):

D.R. Horton

Prepared By:

HR Green Development, LLC

(with pre-plat construction)

	P	ROJECT	INFORMATIO	N				
randview Reserve Sewer			9/27/2024		_			PPR2421
roject Name			Date				PCD File No.	
			Unit				(with Pre	-Plat Construction)
escription	Quantity	Units	Cost		Total		% Complete	Remaining
ECTION 1 - GRADING AND EROSION CONTRO	L (Construction a	nd Perma	nent BMPs)					
Earthwork								
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$	-		\$ -
1,000-5,000; \$8,000 min		CY	\$ 6.00	=	\$	-		\$ -
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$	-		\$ -
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$	-		\$ -
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$	-		\$-
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$	-		\$ -
Permanent Erosion Control Blanket		SY	\$ 9.00	=	\$	-		\$ -
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	8.90	AC	\$ 2,018.00	=	\$	7,958.18		\$ 17,958.
Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$	-		\$-
Concrete Washout Basin		EA	\$ 1,172.00	=	\$	-		\$-
Inlet Protection		EA	\$ 217.00	=	\$	-		\$ -
Rock Check Dam	2	EA	\$ 651.00	=	\$	1,302.00		\$ 1,302.
Safety Fence		LF	\$ 3.00	=	\$	-		\$ -
Sediment Basin		EA	\$ 2,294.00	=	\$	-		\$ -
Sediment Trap		EA	\$ 538.00	=	\$	-		\$-
Silt Fence	883	LF	\$ 3.00	=	\$	2,647.98		\$ 2.647.
Slope Drain	005	LF	\$ 43.00		\$	-		\$ -
Straw Bale		EA		=	\$	_		\$ -
Straw Wattle/Rock Sock		LF	\$ 8.00	=	\$			Ψ
Surface Roughening		AC	\$ 269.00		\$	-		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$	-		\$ -
Temporary Seeding and Mulching		AC	\$ 1,793.00	=	\$	-		\$ -
Vehicle Tracking Control	1	EA	\$ 3,085.00	=	\$	3,085.00		\$ 3,085.
				=	\$	-		\$ -
[insert items not listed but part of construction plans]				=	\$	-		\$ - \$ 2,462.
tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Sectio	on 1 Subtotal	=	\$ 27,4	155.40		\$ 27,455.4
ECTION 2 - PUBLIC IMPROVEMENTS *								
Construction Troffic Control		10						¢
Construction Traffic Control		LS	¢ 27.00	=	\$	-		\$-
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	= =	\$	-		\$ -
Aggregate Base Course(135 lbs/cf)Aggregate Base Course(135 lbs/cf)		Tons CY	\$ 66.00		\$	-		\$ - \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) (135 lbs/cf)		Tons CY SY	\$ 66.00 \$ 18.00		\$ \$ \$			\$ - \$ - \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)		Tons CY SY SY	\$ 66.00 \$ 18.00 \$ 25.00		\$ \$ \$ \$			\$ - \$ - \$ - \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Image: Course Cou		Tons CY SY	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00		\$ \$ \$ \$ \$			\$ - \$ - \$ - \$ - \$ - \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)		Tons CY SY SY	\$ 66.00 \$ 18.00 \$ 25.00		\$ \$ \$ \$			\$ - \$ - \$ - \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Image: Course Cou		Tons CY SY SY SY	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00	=	\$ \$ \$ \$ \$	- - - -		\$ - \$ - \$ - \$ - \$ - \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY SY Tons	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00	=	\$ \$ \$ \$ \$ \$	- - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY SY Tons SF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00	=	\$ \$ \$ \$ \$ \$ \$	- - - - - -		\$ \$ \$ \$ \$ \$ \$ \$
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Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking		Tons CY SY SY Tons SF EA EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
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Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 9" S		Tons CY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY EA LF LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 11.00 \$ 392.00 \$ 259.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 1496.00 \$ 79.00 \$ 119.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$
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Grandview Reserve Sewer Project Name Description Quarticle Section Insert items not listed but part of construction plans] STORM DRAIN IMPROVEMENTS Concrete Box Culvert (M Standard), Size (W x H) 18" Reinforced Concrete Pipe 24" Reinforced Concrete Pipe 30" Reinforced Concrete Pipe 30" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 48" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 42" Corrugated Steel Pipe 30" Corrugated Steel Pipe 42" Corrugated Steel Pipe 43" Corrugated Steel Pipe 54" Corrugated Steel Pipe 66" Corrugated Steel Pipe 54" Corrugated Steel Pipe 72" Corrugated Steel Pipe 54" Corrugated Steel Pipe 73" Corrugated Steel Pipe 54" Corrugated Steel Pipe 74" Corrugated Steel Pipe		Units	9/27/2024 Date Unit Cost \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	PCD File No. (with Pre- % Complete	PPR2421 Remaining \$ -
Description Quart Insert items not listed but part of construction plans] Concrete Box Culvert (M Standard), Size (W x H) 18" Reinforced Concrete Pipe 24" Reinforced Concrete Pipe 30" Reinforced Concrete Pipe 30" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 48" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 56" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 56" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 57" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 56" Corrugated Steel Pipe 54" Reinforced Concrete Pipe 56" Corrugated Steel Pipe 56" Corrugated Steel Pipe 56" Corrugated Steel Pipe 56" Corrugated Steel Pipe 56" Corrugated Steel Pipe 54" Reinforced Steel Pipe 57" Corrugated Steel Pipe 54" Corrugated Steel Pipe 57" Corrugated Steel Pipe 57" Corrugated Steel Pipe 57" Corrugated Steel Pipe 78" Corrugated Steel Pipe 51" Corrugated Steel Pipe <th></th> <th>LF LF LF LF LF LF LF LF LF LF</th> <th>Unit Cost \$ 82.00 \$ 98.00 \$ 123.00 \$ 123.00 \$ 125.00 \$ 201.00 \$ 245.00 \$ 320.00 \$ 374.00 \$ 433.00 \$ 105.00 \$ 121.00 \$ 154.00 \$ 154.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 327.00 \$ 502.00 \$ 502.00</th> <th></th> <th>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</th> <th></th> <th>(with Pre- % Complete</th> <th>Remaining \$ - \$ - <tr tbody=""> <</tr></th>		LF LF LF LF LF LF LF LF LF LF	Unit Cost \$ 82.00 \$ 98.00 \$ 123.00 \$ 123.00 \$ 125.00 \$ 201.00 \$ 245.00 \$ 320.00 \$ 374.00 \$ 433.00 \$ 105.00 \$ 121.00 \$ 154.00 \$ 154.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 327.00 \$ 502.00 \$ 502.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		(with Pre- % Complete	Remaining \$ - \$ - <tr tbody=""> <</tr>
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48" Reinforced Concrete Pipe54" Reinforced Concrete Pipe60" Reinforced Concrete Pipe72" Reinforced Concrete Pipe72" Reinforced Concrete Pipe18" Corrugated Steel Pipe24" Corrugated Steel Pipe30" Corrugated Steel Pipe42" Corrugated Steel Pipe42" Corrugated Steel Pipe42" Corrugated Steel Pipe66" Reinforced Concrete Pipe66" Corrugated Steel Pipe42" Corrugated Steel Pipe60" Corrugated Steel Pipe72" Corrugated Steel Pipe78" Corrugated Steel Pipe79" Corrugated Steel Pipe71" Corrugated Steel Pipe71" Corrugated Steel Pipe72" Corrugated Steel Pipe73" Corrugated Steel Pipe74" Corrugated Steel Pipe75" Corrugated Steel Pipe76" Corrugated Steel Pipe77" Corrugated Steel Pipe78" Corrugated Steel Pipe78" Corrugated Steel Pipe79" Corrugated Steel Pipe70" Corrugated Steel Pipe71" Corrugated Steel Pipe71" Corrugated Steel Pipe72" Corrugated Steel Pipe73" Corrugated Steel Pipe74" Corrugated Steel Pipe74" Corrugated Steel Pipe74" Corrugated Steel Pipe <td></td> <td>LF LF LF LF LF LF LF LF LF LF</td> <td>\$ 245.00 \$ 320.00 \$ 374.00 \$ 433.00 \$ 495.00 \$ 105.00 \$ 121.00 \$ 154.00 \$ 122.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 502.00 \$ 578.00</td> <td></td> <td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td> <td></td> <td></td> <td>\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td>		LF LF LF LF LF LF LF LF LF LF	\$ 245.00 \$ 320.00 \$ 374.00 \$ 433.00 \$ 495.00 \$ 105.00 \$ 121.00 \$ 154.00 \$ 122.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
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60" Reinforced Concrete Pipe66" Reinforced Concrete Pipe72" Reinforced Concrete Pipe18" Corrugated Steel Pipe24" Corrugated Steel Pipe30" Corrugated Steel Pipe36" Corrugated Steel Pipe42" Corrugated Steel Pipe42" Corrugated Steel Pipe48" Corrugated Steel Pipe54" Corrugated Steel Pipe66" Corrugated Steel Pipe66" Corrugated Steel Pipe72" Corrugated Steel Pipe66" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel Pipe <td< td=""><td></td><td>LF LF LF LF LF LF LF LF LF LF LF LF LF L</td><td>\$ 374.00 \$ 433.00 \$ 495.00 \$ 105.00 \$ 121.00 \$ 154.00 \$ 154.00 \$ 122.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 502.00 \$ 502.00 \$ 578.00</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>- - - - - - - - - - - - - - - - - - -</td><td></td><td>\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td></td<>		LF LF LF LF LF LF LF LF LF LF LF LF LF L	\$ 374.00 \$ 433.00 \$ 495.00 \$ 105.00 \$ 121.00 \$ 154.00 \$ 154.00 \$ 122.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 502.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
66" Reinforced Concrete Pipe72" Reinforced Concrete Pipe18" Corrugated Steel Pipe24" Corrugated Steel Pipe30" Corrugated Steel Pipe36" Corrugated Steel Pipe42" Corrugated Steel Pipe42" Corrugated Steel Pipe48" Corrugated Steel Pipe54" Corrugated Steel Pipe60" Corrugated Steel Pipe60" Corrugated Steel Pipe72" Corrugated Steel Pipe73" Corrugated Steel Pipe74" Corrugated Steel Pipe74" Corrugated Steel Pipe74" Corrugated Steel Pipe74" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel Pipe84" Corrugated Steel PipeFlared End Section (FES) RCP Size = (unt cost = 6x pipe unt cost)Flared End Section (FES) CSP Size = (unt cost = 6x pipe unt cost)End Treatment- HeadwallEnd Treatment - Cutoff WallCurb Inlet (Type R) L=5', 5' < Depth < 10'		LF LF LF LF LF LF LF LF LF LF LF LF LF EA	\$ 433.00 \$ 495.00 \$ 105.00 \$ 121.00 \$ 154.00 \$ 122.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
72" Reinforced Concrete Pipe18" Corrugated Steel Pipe24" Corrugated Steel Pipe30" Corrugated Steel Pipe36" Corrugated Steel Pipe42" Corrugated Steel Pipe48" Corrugated Steel Pipe60" Corrugated Steel Pipe60" Corrugated Steel Pipe60" Corrugated Steel Pipe72" Corrugated Steel Pipe73" Corrugated Steel Pipe74" Corrugated Steel Pipe72" Corrugated Steel Pipe73" Corrugated Steel Pipe74" Corrugated Steel Pipe75" Corrugated Steel Pipe76" Corrugated Steel Pipe78" Corrugated Steel Pipe78" Corrugated Steel Pipe84" C		LF LF LF LF LF LF LF LF LF LF LF LF EA	\$ 495.00 \$ 105.00 \$ 121.00 \$ 154.00 \$ 154.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
18" Corrugated Steel Pipe24" Corrugated Steel Pipe30" Corrugated Steel Pipe36" Corrugated Steel Pipe42" Corrugated Steel Pipe48" Corrugated Steel Pipe60" Corrugated Steel Pipe60" Corrugated Steel Pipe66" Corrugated Steel Pipe72" Corrugated Steel Pipe72" Corrugated Steel Pipe73" Corrugated Steel Pipe74" Corrugated Steel Pipe76" Corrugated Steel Pipe76" Corrugated Steel Pipe76" Corrugated Steel Pipe77" Corrugated Steel Pipe78" Corrugated Steel Pipe78" Corrugated Steel Pipe78" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corr		LF LF LF LF LF LF LF LF LF LF LF LF EA	\$ 105.00 \$ 121.00 \$ 154.00 \$ 154.00 \$ 122.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
24" Corrugated Steel Pipe30" Corrugated Steel Pipe36" Corrugated Steel Pipe42" Corrugated Steel Pipe48" Corrugated Steel Pipe54" Corrugated Steel Pipe60" Corrugated Steel Pipe66" Corrugated Steel Pipe72" Corrugated Steel Pipe73" Corrugated Steel Pipe74" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corr		LF LF LF LF LF LF LF LF LF LF LF EA	\$ 121.00 \$ 154.00 \$ 184.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
30" Corrugated Steel Pipe36" Corrugated Steel Pipe42" Corrugated Steel Pipe48" Corrugated Steel Pipe54" Corrugated Steel Pipe60" Corrugated Steel Pipe60" Corrugated Steel Pipe72" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Curb Inlet (Type R) L=5', 5' S Depth < 10'		LF LF LF LF LF LF LF LF LF LF EA	\$ 154.00 \$ 184.00 \$ 212.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
36" Corrugated Steel Pipe42" $42"$ Corrugated Steel Pipe54" $43"$ Corrugated Steel Pipe56" $54"$ Corrugated Steel Pipe60" $60"$ Corrugated Steel Pipe60" $72"$ Corrugated Steel Pipe60" $73"$ Corrugated Steel Pipe60" $74"$ Corrugated Steel Pipe60" $84"$ Corrugated Steel Pipe60" $60"$ Corb Inde Steel Pipe60"Curb Inlet (Type R) L =5', 5' < Depth < 10'		LF LF LF LF LF LF LF LF LF EA	\$ 184.00 \$ 212.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
42" Corrugated Steel Pipe48" Corrugated Steel Pipe54" Corrugated Steel Pipe60" Corrugated Steel Pipe66" Corrugated Steel Pipe72" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel Pipe84" Corrugated Steel Pipe84" Corrugated Steel Pipe84" Corrugated Steel PipeFlared End Section (FES) RCPFlared End Section (FES) CSPFlared End Section (FES) CSPSize =(unt cost = 6x pipe unit cost)Flareatment- HeadwallEnd Treatment- HeadwallEnd Treatment - Cutoff WallCurb Inlet (Type R) L=5', 5' < Depth < 5'		LF LF LF LF LF LF LF EA EA	\$ 212.00 \$ 223.00 \$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
48" Corrugated Steel Pipe54" Corrugated Steel Pipe60" Corrugated Steel Pipe72" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel Pipe84" Corrugated Steel PipeFlared End Section (FES) RCPFlared End Section (FES) CSPSize = (unt cost = 6x pipe unit cost)End Treatment- HeadwallEnd Treatment- VingwallEnd Treatment - VingwallCurb Inlet (Type R) L=5', Depth < 5'		LF LF LF LF LF LF EA EA	\$ 223.00 \$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00	= = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
54" Corrugated Steel Pipe60" Corrugated Steel Pipe66" Corrugated Steel Pipe72" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel Pipe84" Corrugated Steel Pipe84" Corrugated Steel PipeFlared End Section (FES) RCP_Size = (unit cost = 6x pipe unit cost)Flared End Section (FES) CSP_Size = (unit cost = 6x pipe unit cost)End Treatment- HeadwallEnd Treatment- HeadwallCurb Inlet (Type R) L=5', Depth < 5'		LF LF LF LF LF EA EA	\$ 327.00 \$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00	= = = = = =	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$
60" Corrugated Steel Pipe66" Corrugated Steel Pipe72" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel Pipe84" Corrugated Steel PipeFlared End Section (FES) RCP Size = (unt cost = 6x pipe unit cost)Flared End Section (FES) CSP Size = (unt cost = 6x pipe unit cost)End Treatment- HeadwallEnd Treatment- WingwallCurb Inlet (Type R) L=5', Depth < 5'		LF LF LF LF EA EA	\$ 353.00 \$ 427.00 \$ 502.00 \$ 578.00	= = = = =	\$ \$ \$ \$ \$ \$	- - - - -		\$ - \$ - \$ - \$ - \$ - \$ - \$ -
66" Corrugated Steel Pipe72" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel PipeFlared End Section (FES) RCP Size = (unt cost = 6x pipe unit cost)Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)End Treatment- HeadwallEnd Treatment- WingwallEnd Treatment- Vuloff WallCurb Inlet (Type R) L=5', Depth < 5'		LF LF LF EA EA	\$ 427.00 \$ 502.00 \$ 578.00	= = = =	\$ \$ \$ \$ \$	- - - -		\$ - \$ - \$ - \$ - \$ -
72" Corrugated Steel Pipe78" Corrugated Steel Pipe84" Corrugated Steel PipeFlared End Section (FES) RCP Size = (unt cost = 6x pipe unit cost)Flared End Section (FES) CSP Size = (unt cost = 6x pipe unit cost)End Treatment- HeadwallEnd Treatment- HeadwallEnd Treatment - Cutoff WallCurb Inlet (Type R) L=5', Depth < 5'		LF LF EA EA	\$ 502.00 \$ 578.00	= = =	\$ \$ \$ \$			\$ - \$ - \$ - \$ -
78" Corrugated Steel Pipe84" Corrugated Steel PipeFlared End Section (FES) RCPSize =(unt cost = 6x pipe unit cost)Flared End Section (FES) CSPEnd Treatment- HeadwallEnd Treatment- HeadwallEnd Treatment- VingwallCurb Inlet (Type R) L=5', Depth < 5'		LF LF EA EA	\$ 578.00	= = =	\$ \$ \$	-		\$ - \$ - \$ -
84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = (unit cost) Flared End Section (FES) CSP Size = (unit cost) End Treatment- Headwall End Treatment- Wingwall End Treatment- Wingwall Curb Inlet (Type R) L=5', Depth < 5'		LF EA EA		=	\$			\$ - \$ -
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)End Treatment- HeadwallEnd Treatment- WingwallEnd Treatment - Cutoff WallCurb Inlet (Type R) L=5', Depth < 5'		EA EA	÷ 051.00	=	\$	-		\$ -
$ \begin{array}{ c } \hline (unit cost = 6x pipe unit cost) \\ \hline Flared End Section (FES) CSP Size = \\ (unit cost = 6x pipe unit cost) \\ \hline End Treatment- Headwall \\ \hline End Treatment- Wingwall \\ \hline End Treatment- Cutoff Wall \\ \hline Curb Inlet (Type R) L=5', Depth < 5' \\ \hline Curb Inlet (Type R) L=5', 10' \leq Depth < 10' \\ \hline Curb Inlet (Type R) L = 5', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 10', Depth < 5' \\ \hline Curb Inlet (Type R) L = 10', 5' \leq Depth < 10' \\ \hline Curb Inlet (Type R) L = 10', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 10', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', Depth < 5' \\ \hline Curb Inlet (Type R) L = 15', 5' \leq Depth < 10' \\ \hline Curb Inlet (Type R) L = 15', 5' \leq Depth < 10' \\ \hline Curb Inlet (Type R) L = 15', 5' \leq Depth < 10' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15', 10' \leq Depth < 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inlet (Type R) L = 15' \\ \hline Curb Inle$		EA				-		
(unit cost = 6x pipe unit cost)End Treatment- HeadwallEnd Treatment- WingwallEnd Treatment - Cutoff WallCurb Inlet (Type R) L=5', Depth < 5'				-	+			
End Treatment- HeadwallEnd Treatment- WingwallEnd Treatment - Cutoff WallCurb Inlet (Type R) L=5', Depth < 5'					1.2	-		\$ -
$\begin{tabular}{ c c c c c } \hline End Treatment- Wingwall & \end Treatment- Cutoff Wall & \end Treatment - Cuto Inlet (Type R) L=5', & 5' & Depth < 10' & \end Treatment - Cuto Inlet (Type R) L =10', & \end Treatment - Cuto Inlet (Type R) L = 10', & \end Treatment - S' & \end Treatment - Cuto Inlet (Type R) L = 10', & \end Treatment - Cuto Inlet (Type R) L = 10', & \end Treatment - Cuto Inlet (Type R) L = 15', & \end Treatment - Cuto Inlet - Cuto Inlet - Cuto Inl$				=	\$	-		\$ -
End Treatment - Cutoff Wall Curb Inlet (Type R) L=5', Depth < 5'		EA		=	\$	-	-	\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA			\$	-		\$ -
Curb Inlet (Type R) L=5', $5' \le Depth < 10'$ Curb Inlet (Type R) L =5', $10' \le Depth < 15'$ Curb Inlet (Type R) L =10', $Depth < 5'$ Curb Inlet (Type R) L =10', $5' \le Depth < 10'$ Curb Inlet (Type R) L =10', $10' \le Depth < 15'$ Curb Inlet (Type R) L =15', $Depth < 5'$ Curb Inlet (Type R) L =15', $5' \le Depth < 10'$ Curb Inlet (Type R) L =15', $5' \le Depth < 10'$ Curb Inlet (Type R) L =15', $5' \le Depth < 10'$ Curb Inlet (Type R) L =15', $10' \le Depth < 15'$		EA	\$ 7,212.00	_	\$	-		\$ -
Curb Inlet (Type R) L =5', $10' \le Depth < 15'$ Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 9,377.00	=	\$	-	-	\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 10,859.00	=	\$	-		• \$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10' Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 9,925.00	=	\$	-		\$-
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15' Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 10,230.00	=	\$	-	-	\$ -
Curb Inlet (Type R) L =15', Depth < 5' Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 12,805.00	=	\$	-		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 12,907.00	=	\$	-		\$ -
		EA	\$ 13,835.00	=	\$	-		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 15,130.00	=	\$	-		\$ -
		EA	\$ 13,755.00	=	\$	-		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 15,181.00	=	\$	-		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 6,037.00	=	\$	-		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 7,458.00	=	\$	-		\$-
Storm Sewer Manhole, Box Base		EA	\$ 15,130.00	=	\$	-	-	\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 8,322.00	=	\$	-	-	\$ -
Geotextile (Erosion Control)		SY	\$ 9.00	-	\$	-		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 104.00	=	\$	-		\$ -
Rip Rap, Grouted		Tons	\$ 124.00	-	\$	-		\$ -
Drainage Channel Construction, Size (W x H)		LF	A 744.05	=	\$	-		\$ -
Drainage Channel Lining, Concrete		CY	\$ 741.00	=	\$	-		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 145.00	-	\$	-		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,911.00	=	\$	-		\$ -
Drainage Channel Lining, Other Stabilization				=	\$			\$ -
Finance items and linked but next of any deviction of any 1				=	\$			\$ - \$ -
[insert items not listed but part of construction plans] Subject to defect warranty financial assurance. A minimum of 20% shall be				=	\$	-		× -

		PROJECT	INFORMATI	ON					
Grandview Reserve Sewer			9/27/2024					PPR2421	
Project Name			Date				PCD File No.		
			Unit				(with Pro	-Plat Construction)	
Description	Quantity	Units	Cost			Total	% Complete	Remaining	
SECTION 3 - COMMON DEVELOPMENT IMPR)T Mainta	ined h		.		
ROADWAY IMPROVEMENTS						,,			
				=	\$	-		\$ -	
				=	\$	-		\$ -	
				=	\$	-		\$ -	
				=	\$	-		\$ -	
				=	\$	-		\$ -	
				=	\$	-		\$ -	
STORM DRAIN IMPROVEMENTS (Exce	ption: Permanent Pon	d/BMP shall	be itemized und	er Section 1					
				=	\$	-		\$ -	
				=	\$	-		\$ -	
				=	\$	-		\$ -	
				=	\$	-		\$ -	
				=	\$	-		\$ -	
				=	\$	-		\$ -	
WATER SYSTEM IMPROVEMENTS									
Water Main Pipe (PVC), Size 8"		LF	\$ 84.00	=	\$	-		\$ -	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 98.00	=	\$	-		\$ -	
Gate Valves, 8"		EA	\$ 2,418.00	=	\$	-		\$ -	
Fire Hydrant Assembly, w/ all valves		EA	\$ 8,584.00	=	\$	-		\$ -	
Water Service Line Installation, inc. tap and valves		EA	\$ 1,723.00	=	\$	-		\$ -	
Fire Cistern Installation, complete		EA		=	\$	-		\$ -	
				=	\$	-		\$-	
[insert items not listed but part of construction plans]				=	\$	-		\$ -	
SANITARY SEWER IMPROVEMENTS									
Sewer Main Pipe (PVC), Size 8"	1744	LF	\$ 84.00	=	\$	146,454.00		\$ 146,454.0	
Sanitary Sewer Manhole, Depth < 15 feet	11	EA	\$ 5,708.00	=	\$	62,788.00		\$ 62,788.0	
Sanitary Service Line Installation, complete		EA	\$ 1,825.00	=	\$	-		\$-	
Sewer Main Pipe (PVC), Size 12"	1901	LF	\$ 106.00		\$	201,548.40		\$ 201,548.4	
Sanitary Sewer Manhole, Depth 15 to 25 feet	6	EA	\$ 24,000.00	=	\$	144,000.00		\$ 144,000.0	
Sanitary Sewer Manhole, Depth 25 to 35 feet		EA	\$ 35,000.00	=	\$	-		\$ -	
Sewer Main Pipe (PVC), Size 10"	1727	LF	\$ 90.00		\$	155,385.00		\$ 155,385.0	
LANDSCAPING IMPROVEMENTS	(For subdivision spe	cific conditio	n of approval, or	r PUD)					
		EA		=	\$	-		\$ -	
		EA		=	\$	-		\$-	
		EA		=	\$	-		\$-	
		EA		=	\$	-		\$ -	

Date PCD File No. Description Quantity Unit Cost Total (with Pre-Plat Construction Pecoription EA = \$ - \$ *: Section 3 Subtotal = \$ - \$ \$ 710,175,40 \$ \$ 710,17 AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs) = \$ - \$ \$ \$ \$ \$ 737,63 SBUILT PLANS (Public Improvements inc. Permanent WQCV BMPs) = \$ - \$ \$ \$ \$ 737,63 SOND/BMP CERTIFICATION (inc. elevations and volume calculations) LS = \$ - \$ \$ 737,63 (Sum of all section subtotals plus as-builts and pond/BMP certification) Total Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) \$ 3,59			PROJECT 1	INFORMATIO	N					
Description Quantity Unit EA Total (with Pre-Plat Construction % Complete Remaining % Complete *: Section 3 subject to delect warnety requirements Section 3 Subtotal = \$ · \$ SS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs) = \$ · \$ \$ SS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs) = \$ · \$ \$ COND/BMP CERTIFICATION (inc. elevations and volume calculations) LS = \$ · \$ COND/BMP CERTIFICATION (inc. elevations and volume calculations) LS = \$ · \$ Construction Financial Assurance (Sum of all section totals plus as-builts and pond/BMP certification) \$ 737,63 Claim of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) \$ 3,59 (20% of all items identified	Grandview Reserve Sewer			9/27/2024					PPR2	421
Description Quantity Units Cost Total % complete Remaining	Project Name			Date				PCD File No.		
Description Quantity Units Cost Total % complete Remaining										
EA = \$ - \$ Section 3 is not subject to defect warrardy requirements EA = \$ - \$ Section 3 Subtotal = \$ 710,175.40 Section 3 Subtotal = \$ 717,63 Section 3 Subtotal = \$ 717,63 Section 3 Subtotal \$ Section Subtotals plus as-builts and pond/BMP certification Cotal Defect Warranty Financial Assurance \$ 3,59 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance (20% of all items identified as (*). To be collateralized at time of preliminary acceptance Approvals hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Con								•	e-Plat (,
*- Section 3 Subtoal = \$ 710,175.40 \$ 710,175.40 SBUILT PLANS (Public Improvements inc. Permanent WQCV BMPs) = \$ - \$ POND/BMP CERTIFICATION (inc. elevations and volume calculations) LS = \$ - \$ Total Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section subtotals plus as-builts and pond/BMP certification) \$ 737,63 Claum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 \$ 737,63 Claum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 Claum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 Claum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 Claum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 Claum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 Claum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 Approvals \$ 737,63 \$ 737,63 hereby certify that this is an accurate and complete estimate of c	Description	Quantity		Cost		_	Total	% Complete		Remaining
SBUILT PLANS (Public Improvements inc. Permanent WQCV BMPs) = \$ - \$ SOND/BMP CERTIFICATION (inc. elevations and volume calculations) LS = \$ - \$ Total Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section subtotals plus as-builts and pond/BMP certification) \$ 737,63 Course of all section subtotals plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section subtotals plus as-builts and pond/BMP certification) Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) \$ 3,59 Approvals * * * \$ hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required) * * * * * * * <td>t. Configuration the defect of the main market</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td>	t. Configuration the defect of the main market						-			-
POND/BMP CERTIFICATION (inc. elevations and volume calculations) LS = \$ - \$ Total Construction Financial Assurance (Sum of all section subtotals plus as-builts and pond/BMP certification) Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 Total Defect Warranty Financial Assurance \$ 3,59 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) Approvals hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)	- Section 3 is not subject to delect warranty requirements		Sectio	n 3 Subtotal	=	\$	710,175.40		\$	710,175.40
POND/BMP CERTIFICATION (inc. elevations and volume calculations) LS = \$ - \$ Total Construction Financial Assurance (Sum of all section subtotals plus as-builts and pond/BMP certification) Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 Total Defect Warranty Financial Assurance \$ 3,59 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) Approvals hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)	S BILL T BLANS (Bublic Improvements inc. Bo				_	¢			¢	
Total Construction Financial Assurance (Sum of all section subtotals plus as-builts and pond/BMP certification) \$ 737,63 Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 737,63 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) \$ 3,59 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) \$ 100 Approvals \$ hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required) \$ 100	· ·		1.5				-			
(Sum of all section subtotals plus as-builts and pond/BMP certification) Total Remaining Construction Financial Assurance (with Pre-Plat Construction) Total Defect Warranty Financial Assurance (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) Approvals hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)			20			Ψ			Ψ	
(Sum of all section subtotals plus as-builts and pond/BMP certification) Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) \$ 3,59 Total Defect Warranty Financial Assurance \$ 3,59 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) \$ Approvals					Tota	al Const	truction Financia	al Assurance	\$	737,630.80
Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 737,63 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) Total Defect Warranty Financial Assurance \$ 3,59 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) \$ 3,59 Approvals				(Sum of all se					- τ	
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)				,				,		
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)		Total Rema	inina Const	truction Fina	ncial Ass	urance	(with Pre-Plat C	onstruction)	\$	737,630.8
Total Defect Warranty Financial Assurance \$ 3,59 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance) Approvals hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)			-						<u> </u>	,
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance) Approvals hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)		(oun or a	an section total	s less credit for i	terna compi	iete plus i		wir certineation)		
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance) Approvals hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)					Total D	efect W	arranty Financia		¢	3,591.64
Approvals hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)			(20% of all iten	as identified as (-		_¥	3,391.0
hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)			20 /0 01 all iteli	is identified as (). TO be co	hateranzo	ed at time of prelimin	ary acceptance)		
hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)										
hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project. Engineer (P.E. Seal Required)										
Engineer (P.E. Seal Required)	Approvals									
	hereby certify that this is an accurate and comple	te estimate of costs for the wo	rk as shown or	n the Grading an	d Erosion C	ontrol Pla	in and Construction D	Prawings associat	ed wit	h the Project.
	, , ,			5				5		-
	Engineer (P.E. Seal Required)		-							
Approved by Owner / Applicant Date										
Approved by Owner / Applicant Date										
Approved by Owner / Applicant Date										
	Approved by Owner / Applicant		_	Date						

Date

Approved by El Paso County Engineer / ECM Administrator

Page 4 of 4



Grandview Reserve Interceptor Sewer

El Paso County No. PPR2421

Prepared For (Applicant/Owner): D.R. Horton

Prepared By: HR Green Development, LLC

(with pre-plat construction)

	P	ROJECT	INFORMATIO	N				
randview Reserve Interceptor Sewer			9/26/2024					PPR2421
roject Name			Date				PCD File No.	
			Unit				(with Pr	-Plat Construction)
escription	Quantity	Units	Cost			Total	% Complete	Remaining
ECTION 1 - GRADING AND EROSION CONTROL							•	<u> </u>
Earthwork	-		-					
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$	-		\$-
1,000-5,000; \$8,000 min		CY	\$ 6.00	=	\$	-		\$-
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$	-		\$ -
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$	-		\$ -
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$	-		\$ -
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$	-		\$ -
Permanent Erosion Control Blanket		SY	\$ 9.00	=	\$	-		\$ -
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	18.92	AC	\$ 2,018.00	=	\$	38,180.56		\$ 38,180.
Permanent Pond/BMP (provide engineer's estimate)	10102	EA	¢ 2,010.00	=	\$	-		\$ -
Concrete Washout Basin		EA	\$ 1,172.00	=	\$	-		\$ -
Inlet Protection		EA	\$ 217.00	=	\$			\$ -
Rock Check Dam	284	EA		_	ې \$	184,884.00		\$ 184,884.
	204					104,004.00		
Safety Fence		LF	\$ 3.00	=	\$	-		\$ -
Sediment Basin		EA	\$ 2,294.00	=	\$	-		\$ -
Sediment Trap		EA	\$ 538.00	=	\$	-		\$ -
Silt Fence	611	LF	\$ 3.00	=	\$	1,833.00		\$ 1,833.
Slope Drain		LF	\$ 43.00		\$	-		\$ -
Straw Bale		EA	\$ 33.00	=	\$	-		\$-
Straw Wattle/Rock Sock		LF	\$ 8.00	=	\$	-		\$-
Surface Roughening		AC	\$ 269.00		\$	-		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$	-		\$ -
Temporary Seeding and Mulching		AC	\$ 1,793.00	=	\$	-		\$ -
Vehicle Tracking Control	4	EA	\$ 3,085.00	=	\$	12,340.00		\$ 12,340.
0			. ,	=	\$	-		\$ -
[insert items not listed but part of construction plans]				=	\$	-		\$ -
	NTENANCE (35%	of Constr	uction BMPs)	=	\$	69,669.95		\$ 69,669.
ECTION 2 - PUBLIC IMPROVEMENTS *								
OADWAY IMPROVEMENTS								
Or we have the wetter that the Original states in the second states and the second state								
Construction Traffic Control		LS		=	\$	-		\$ -
		LS Tons	\$ 37.00	=	\$	-		
Aggregate Base Course (135 lbs/cf)	243	Tons	· ·		\$	-		\$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)	243	Tons CY	\$ 66.00		\$ \$	- - 16,010.94 -		\$ - \$ 16,010.
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) (135 lbs/cf)		Tons CY SY	\$ 66.00 \$ 18.00		\$ \$ \$	- 16,010.94 -		\$ - \$ 16,010. \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)	243 1456	Tons CY SY SY	\$ 66.00 \$ 18.00 \$ 25.00		\$ \$ \$	-		\$ - \$ 16,010. \$ - \$ 36,388.
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY SY	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00	=	\$ \$ \$ \$	- 16,010.94 - 36,388.50 -		\$ - \$ 16,010. \$ - \$ 36,388. \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY SY Tons	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00	=	\$ \$ \$ \$ \$	- 16,010.94 -		\$ \$ 16,010. \$ \$ 36,388. \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved		Tons CY SY SY SY Tons SF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00	=	\$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - -		\$ \$ 16,010. \$ \$ 36,388. \$ \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign		Tons CY SY SY SY Tons SF EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - -		\$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign		Tons CY SY SY Tons SF EA EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - -		\$ \$ 16,010. \$ 36,388. \$ \$ \$ \$ \$ \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking		Tons CY SY SY Tons SF EA EA EA SF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00 \$ 17.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - -		\$ \$ 16,010. \$ 36,388. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking		Tons CY SY SY Tons SF EA EA SF SF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 1100 \$ 392.00 \$ 17.00 \$ 30.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - -		\$ \$ 16,010. \$ 36,388. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3		Tons CY SY SY Tons SF EA EA EA SF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 259.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - -		\$ \$ 16,010. \$ 36,388. \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking		Tons CY SY SY Tons SF EA EA SF SF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00 \$ 392.00 \$ 259.00 \$ 30.00 \$ 259.00 \$ 31.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - -		\$ \$ 16,010. \$ 36,388. \$
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Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I		Tons CY SY SY Tons SF EA EA SF SF EA EA EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00 \$ 392.00 \$ 259.00 \$ 30.00 \$ 259.00 \$ 31.00	= = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$
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Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)		Tons CY SY SY Tons SF EA EA SF EA EA EA LF LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 17.00 \$ 30.00 \$ 259.00 \$ 31.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only)		Tons CY SY SY Tons SF EA EA EA EA EA EA LF LF LF LF SY	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 37.00 \$ 30.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk		Tons CY SY SY Tons SF EA EA SF EA EA LF LF LF LF SY SY	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 1100 \$ 392.00 \$ 3700 \$ 30.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 62.00 \$ 77.00 \$ 94.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pavement (147 lbs/cf) Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk		Tons CY SY SY Tons SF EA EA EA EA EA LF LF LF LF SY SY SY	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 1100 \$ 392.00 • • \$ 17.00 \$ 30.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 125.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp		Tons CY SY SY Tons SF EA EA EA EA LF LF LF LF LF SY SY SY SY EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 • • \$ 392.00 • • \$ 392.00 • • \$ 30.00 \$ 31.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 125.00 \$ 1,496.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ \$ 16,010. \$ \$ 36,388. \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return)		Tons CY SY SY Tons SF EA EA EA EA LF LF LF LF SY SY SY SY EA LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 392.00 \$ 392.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 125.00 \$ 1,496.00 \$ 79.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ \$ 16,010. \$ \$ 36,388. \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return)		Tons CY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY EA LF LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 17.00 \$ 392.00 \$ 259.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 32.00 \$ 34.00 \$ 34.00 \$ 34.00 \$ 34.00 \$ 94.00 \$ 1496.00 \$ 79.00 \$ 119.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ 16,010. \$ 16,010. \$ 36,388. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase		Tons CY SY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY EA LF LF LF LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 11.00 \$ 392.00 \$ 37.00 \$ 37.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 125.00 \$ 1,496.00 \$ 119.00 \$ 1,926.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - - - - - - - - - - - - - - - - - - -		\$ \$ 16,010. \$ \$ 36,388. \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick)		Tons CY SY SY SY EA EA EA EA EA EA LF LF LF SY SY SY SY EA LF LF LF LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00 \$ 17.00 \$ 30.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 125.00 \$ 1496.00 \$ 19.00 \$ 1,926.00 \$ 65.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ 16,010. \$ 16,010. \$ 36,388. \$ 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY SY EA EA EA EA EA EA LF LF LF SY SY SY SY EA LF LF LF LF LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 1100 \$ 392.00 \$ 17.00 \$ 30.00 \$ 37.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 125.00 \$ 1,496.00 \$ 79.00 \$ 119.00 \$ 65.00 \$ 94.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ 16,010. \$ 16,010. \$ 36,388. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick)		Tons CY SY SY SY EA EA EA EA EA EA LF LF LF SY SY SY SY EA LF LF LF LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 392.00 \$ 392.00 \$ 30.00 \$ 392.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 1,926.00 \$ 94.00 \$ 94.00 \$ 2,731.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ 16,010. \$ 16,010. \$ 36,388. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk 9 Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Opening with Drainage Chase Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete) Guardrail End Anchorage		Tons CY SY SY SY EA EA EA EA EA EA LF LF LF SY SY SY SY EA LF LF LF LF LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 1100 \$ 392.00 \$ 17.00 \$ 30.00 \$ 37.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 125.00 \$ 1,496.00 \$ 79.00 \$ 119.00 \$ 65.00 \$ 94.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ 16,010 \$ 16,010 \$ 36,388 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY SY EA LF LF LF LF LF LF EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 392.00 \$ 392.00 \$ 30.00 \$ 392.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 1,926.00 \$ 94.00 \$ 94.00 \$ 2,731.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Casphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curs Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator		Tons CY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY EA LF LF EA LF EA EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 392.00 \$ 392.00 \$ 30.00 \$ 30.00 \$ 31.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 1,496.00 \$ 1,926.00 \$ 94.00 \$ 94.00 \$ 94.00 \$ 94.00 \$ 94.00 \$ 2,731.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ \$ 16,010. \$ \$ 36,388. \$ \$
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)"thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)		Tons CY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY EA LF LF EA LF LF EA LF LF EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 39.00 \$ 11.00 \$ 392.00 \$ 17.00 \$ 30.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 1496.00 \$ 19.00 \$ 1.926.00 \$ 94.00 \$ 2.731.00 \$ 4.902.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 16,010.94 - 36,388.50 - - - - - - - - - - - - - - - - - - -		\$ 16,010. \$ 16,010. \$ 36,388. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

PROJECT INFORMATION randview Reserve Interceptor Sewer 9/26/2024											
Project Name	-		Date				PCD File No.	PPR2421			
			Date				FCD The No.				
			Unit				(with Pre-	Plat Construction)			
Description	Quantity	Units	Cost			Total	% Complete	Remaining			
· · · · · · · · · · · · · · · · · · ·				=	\$	-		\$ -			
[insert items not listed but part of construction plans]				=	\$	-		\$ -			
TORM DRAIN IMPROVEMENTS											
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$	-		\$-			
18" Reinforced Concrete Pipe		LF	\$ 82.00	=	\$	-		\$-			
24" Reinforced Concrete Pipe		LF	\$ 98.00	=	\$	-		\$ -			
30" Reinforced Concrete Pipe		LF	\$ 123.00	=	\$	-		\$ -			
36" Reinforced Concrete Pipe		LF	\$ 151.00	=	\$	-		\$-			
42" Reinforced Concrete Pipe		LF	\$ 201.00	=	\$	-		\$-			
48" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$	-		\$-			
54" Reinforced Concrete Pipe		LF	\$ 320.00	=	\$	-	-	\$ -			
60" Reinforced Concrete Pipe		LF	\$ 374.00	=	\$	-	-	\$ -			
66" Reinforced Concrete Pipe		LF	\$ 433.00	=	\$	-		\$ -			
72" Reinforced Concrete Pipe		LF	\$ 495.00	=	\$	-	-	\$ -			
18" Corrugated Steel Pipe		LF	\$ 105.00	=	\$	-	-	\$ -			
24" Corrugated Steel Pipe		LF	\$ 121.00	=	\$	-		\$ -			
30" Corrugated Steel Pipe		LF	\$ 154.00	=	\$	-	-	\$ -			
36" Corrugated Steel Pipe		LF	\$ 184.00	=	\$		-	\$ - \$ -			
42" Corrugated Steel Pipe	-	LF LF	\$ 212.00	=	\$			Ŷ			
48" Corrugated Steel Pipe	-	LF	\$ 223.00 \$ 327.00	=	\$			Ψ			
54" Corrugated Steel Pipe 60" Corrugated Steel Pipe		LF	\$ 327.00	=	\$ \$			\$ - \$ -			
66" Corrugated Steel Pipe		LF	\$ 427.00	=	۶ ۶		-	, - \$-			
72" Corrugated Steel Pipe		LF	\$ 502.00	=	\$			\$ -			
78" Corrugated Steel Pipe		LF	\$ 578.00	=	\$, - \$ -			
84" Corrugated Steel Pipe		LF	\$ 691.00	=	\$		-	, - \$ -			
Flared End Section (FES) RCP Size =			\$ 091.00								
(unit cost = 6x pipe unit cost)		EA		=	\$	-		\$ -			
Flared End Section (FES) CSP Size =		F A		=	\$	-		\$ -			
(unit cost = 6x pipe unit cost) End Treatment- Headwall		EA		_	\$	-		\$ -			
End Treatment- Wingwall		EA		=	۶ ۶		-	ş - \$ -			
End Treatment - Cutoff Wall		EA		=	\$			\$ -			
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 7,212.00	=	\$	-		\$ -			
Curb Inlet (Type R) L=5', $5' \le \text{Depth} < 10'$		EA	\$ 9,377.00	=	\$	-	-	\$ -			
Curb Inlet (Type R) L =5', $10' \le Depth < 15'$		EA	\$ 10,859.00	=	\$	-	-	\$ -			
Curb Inlet (Type R) L =10', Depth $< 5'$		EA	\$ 9,925.00	=	\$	-		\$-			
Curb Inlet (Type R) L =10', $5' \le \text{Depth} < 10'$		EA	\$ 10,230.00	=	\$	-	-	\$ -			
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 12,805.00	=	\$	-	-	\$ -			
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 12,907.00	=	\$	-		\$ -			
Curb Inlet (Type R) L =15', $5' \leq \text{Depth} < 10'$		EA	\$ 13,835.00	=	\$	-		\$ -			
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 15,130.00	=	\$	-		\$ -			
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 13,755.00	=	\$	-		\$-			
Curb Inlet (Type R) L =20', $5' \leq \text{Depth} < 10'$		EA	\$ 15,181.00	=	\$	-		\$-			
Grated Inlet (Type C), Depth < 5'		EA	\$ 6,037.00	=	\$	-		\$ -			
Grated Inlet (Type D), Depth < 5'		EA	\$ 7,458.00	=	\$	-		\$-			
Storm Sewer Manhole, Box Base		EA	\$ 15,130.00	=	\$	-		\$ -			
Storm Sewer Manhole, Slab Base		EA	\$ 8,322.00	=	\$	-	-	\$-			
Geotextile (Erosion Control)		SY	\$ 9.00	=	\$	-		\$-			
Rip Rap, d50 size from 6" to 24"		Tons	\$ 104.00	=	\$	-		\$ -			
Rip Rap, Grouted		Tons	\$ 124.00	=	\$	-		\$ -			
Drainage Channel Construction, Size (W x H)		LF		=	\$	-		\$ -			
Drainage Channel Lining, Concrete		CY	\$ 741.00	=	\$	-		\$ -			
Drainage Channel Lining, Rip Rap		CY	\$ 145.00	=	\$	-		\$ -			
Drainage Channel Lining, Grass		AC	\$ 1,911.00	=	\$	-		\$ -			
Drainage Channel Lining, Other Stabilization				=	\$	-		\$ -			
				=	\$	-		\$ -			
[insert items not listed but part of construction plans] - Subject to defect warranty financial assurance. A minimum of 20% shall be				=	\$	-		\$ -			
- Subject to detect warranty financial assurance. A minimum of 20% shall be etained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)			n 2 Subtotal		\$	52,399.40		\$ 52,399.44			

		PROJECT	INFORMATI	ON					
Grandview Reserve Interceptor Sewer			9/26/2024					PPR24	21
Project Name	_		Date		_		PCD File No.		
			Unit				(with Pre	-Plat C	onstruction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPMENT IMPRO	VEMENTS (Priv	ate or Dis	strict and NO	T Mainta	ined by	EPC)**			
ROADWAY IMPROVEMENTS				_					
				=	\$	-		\$	-
				=	\$	-		\$	-
				=	\$	-		\$	-
				=	\$	-		\$	-
				=	\$	-		\$	-
				=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS (Excep	tion: Permanent Pon	d/BMP shall	be itemized unde	er Section 1)					
				=	\$	-		\$	-
				=	\$	-		\$	-
				=	\$	-		\$	-
				=	\$	-		\$	-
				=	\$	-		\$	-
				=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS									
Water Main Pipe (PVC), Size 8"		LF	\$ 84.00	=	\$	-		\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 98.00	=	\$	-		\$	-
Gate Valves, 8"		EA	\$ 2,418.00	=	\$	-		\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$ 8,584.00	=	\$	-		\$	-
Water Service Line Installation, inc. tap and valves		EA	\$ 1,723.00	=	\$	-		\$	-
Fire Cistern Installation, complete		EA		=	\$	-		\$	-
				=	\$	-		\$	-
[insert items not listed but part of construction plans]				=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS									
Sewer Main Pipe (PVC), Size 8"	40	LF	\$ 84.00	=	\$	3,360.00		\$	3,360.00
Sanitary Sewer Manhole, Depth < 15 feet	17	EA	\$ 5,708.00	=	\$	97,036.00		\$	97,036.00
Sanitary Service Line Installation, complete		EA	\$ 1,825.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth 15 to 25 feet	5		\$ 24,000.00		\$	120,000.00		\$	120,000.00
Sanitary Sewer Manhole, Depth 25 to 35 feet	4	EA	\$ 35,000.00	=	\$	140,000.00		\$	140,000.00
18" PVC PS 115	5989	LF	\$ 150.00	=	\$	898,350.00		\$	898,350.00
18" PVC C900	2145	LF	\$ 180.00	=	\$	386,100.00		\$	386,100.00
Sewer Main Pipe (PVC), Size 15"	40	LF	\$ 132.00		\$	5,280.00		\$	5,280.00
30" PVC Steel Casing Pipe W/ cathodic Protection	150	LF	\$ 256.80	=	\$	38,520.00		\$	38,520.00
LANDSCAPING IMPROVEMENTS	(For subdivision spe	cific conditio	n of approval, or	PUD)					
		EA		=	\$	-		\$	-
		EA		=	\$	-		\$	-
		EA		=	\$	-		\$	-
		EA		=	\$	-		\$	-

		PROJECT I	NFORMATIO	N					
Grandview Reserve Interceptor Sewer			9/26/2024					PPR2	2421
Project Name			Date				PCD File No.		
			Unit				(with Pre		Construction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
		EA		=	\$	-		\$	-
* - Section 3 is not subject to defect warranty requirements		Sectio	n 3 Subtotal	=	\$	1,688,646.00		\$	1,688,646.00
AS-BUILT PLANS (Public Improvements inc. Permane	ent WQCV BMPs)			=	\$	-		\$	-
POND/BMP CERTIFICATION (inc. elevations and volu	me calculations)	LS		=	\$	-		\$	-
Approvals	(Sum of a	all section totals	s less credit for ite	ems compl Total D	lete plus Defect ¹	e (with Pre-Plat C s as-builts and pond/Bl Warranty Financia zed at time of prelimin.	MP certification)		2,047,952.9 18,115.9
I hereby certify that this is an accurate and complete esti	imate of costs for the wo	rk as shown or	n the Grading and	Erosion C	Control P	lan and Construction E	Drawings associat	ed wit	h the Project.
Engineer (P.E. Seal Required)		_							
Approved by Owner / Applicant			Date						

Approved by El Paso County Engineer / ECM Administrator

Date



Grandview Reserve Lift Station

El Paso County No. PPR2421

Prepared For (Applicant/Owner):

D.R. Horton

Prepared By:

HR Green Development, LLC

(with pre-plat construction)

arandview Reserve Lift Station			9/13/2024	l l					PPR2	421
roject Name			Date					PCD File No.		
Description	Quantity	Units	Unit	-			Total	(with Pre) % Complete	e-Plat (Construction) Remaining
ECTION 1 - GRADING AND EROSION CONTRO				n.			Total	70 complete		Kemaining
Earthwork		and renna	ienc brir 3)							
less than 1,000; \$5,300 min		CY	\$	8.00	=	\$	-		\$	-
1,000-5,000; \$8,000 min	4187	CY	\$	6.00	-	\$	25,122.00		\$	25,122.0
5,001-20,000; \$30,000 min	1107	CY	\$	5.00	-	\$	23,122.00		\$	23,122.0
		CY	\$		=	\$			э \$	-
20,001-50,000; \$100,000 min 50,001-200,000; \$175,000 min		CY	\$	3.50 2.50	-	۶ ۶	-			-
							-		\$	-
greater than 200,000; \$500,000 min		CY	\$	2.00	=	\$			\$	-
Permanent Erosion Control Blanket	2.4	SY	\$	9.00	=	\$			\$	-
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	2.4	AC	\$ 2	2,018.00	=	\$	4,843.20		\$	4,843.2
Permanent Pond/BMP (provide engineer's estimate)		EA			=	\$	-		\$	-
Concrete Washout Basin	1	EA		1,172.00	=	\$	1,172.00		\$	1,172.0
Inlet Protection		EA	\$	217.00	=	\$	-		\$	-
Rock Check Dam		EA	\$	651.00	=	\$	-		\$	-
Safety Fence		LF	\$	3.00	=	\$	-		\$	-
Sediment Basin	2	EA	\$ 2	2,294.00	=	\$	4,588.00		\$	4,588.00
Sediment Trap		EA	\$	538.00	=	\$	-		\$	-
Silt Fence	1136	LF	\$	3.00	=	\$	3,408.00		\$	3,408.00
Slope Drain		LF	\$	43.00		\$	-		\$	-
Straw Bale		EA	\$	33.00	=	\$	-		\$	-
Straw Wattle/Rock Sock		LF	\$	8.00	=	\$	-		\$	-
Surface Roughening		AC	\$	269.00		\$	-		\$	-
Temporary Erosion Control Blanket		SY	\$	3.00	=	\$	-		\$	-
Temporary Seeding and Mulching		AC		1,793.00	-	\$	-		\$	-
	1	EA			-	۶ ۶	3,085.00		ې \$	
Vehicle Tracking Control	1	EA	Ş 3	3,085.00			5,065.00			3,085.00
					-	\$			\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	
Subject to defect warranty financial assurance. A minimum of 20% shall	MAINTENANC	E (35% of	Construction	BMPs)	=	\$	3,878.35		\$	5,070.5
- Subject to defect warranty financial assurance. A minimum of 20% shall e retained until final acceptance (MAXIMUM OF 80% COMPLETE	MAINTENANC	-	Construction Section 1 S	-	=	⇒ \$	46,096.55		\$	3,878.3
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED)	MAINTENANC	-		-						
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS *	MAINTENANC	-		-						
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS	MAINTENANC			-	=	\$	46,096.55		\$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control		LS	Section 1 S	ubtotal	=	\$	46,096.55		\$	46,096.55
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)	MAINTENANC	LS Tons	Section 1 S	Subtotal 37.00	=	\$ \$ \$	46,096.55		\$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control	MAINTENANC	LS Tons CY	Section 1 S	37.00 66.00	=	\$ \$ \$	46,096.55		\$ \$ \$	46,096.55
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)	MAINTENANC	LS Tons	Section 1 S	Subtotal 37.00	=	\$ \$ \$	46,096.55		\$ \$	46,096.55
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)	MAINTENANC	LS Tons CY	Section 1 S	37.00 66.00	=	\$ \$ \$	46,096.55		\$ \$ \$	46,096.55
retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)	MAINTENANC	LS Tons CY SY	Section 1 S	37.00 66.00 18.00	=	\$ \$ \$ \$ \$	46,096.55 - - - - - -		\$ \$ \$ \$	46,096.55
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * CONSTRUCTION TRAFFIC CONTROL Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)	MAINTENANC	LS Tons CY SY SY	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 66.00 18.00 25.00	=	\$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$	46,096.55
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (147 lbs/cf)" thick	MAINTENANC	LS Tons CY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 66.00 18.00 25.00 38.00 114.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$	46,096.55
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved		LS Tons CY SY SY SY SY Tons SF	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	subtotal 37.00 66.00 18.00 25.00 38.00 114.00 11.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
eretained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign		LS Tons CY SY SY SY SY SY Tons SF EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 66.00 18.00 25.00 38.00 114.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55 		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign		LS Tons CY SY SY SY Tons SF EA EA	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 66.00 18.00 25.00 38.00 114.00 11.00 392.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55 		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * CONSTRUCTION TRAFFIC CONTROL Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asgphatt Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking		LS Tons CY SY SY SY Tons SF EA EA EA	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 66.00 18.00 25.00 38.00 114.00 392.00 392.00 40 17.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55 		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking		LS Tons CY SY SY SY Tons SF EA EA EA SF	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 (66.00) 38.00 (14.00) 38.00 (14.00) 38.00 (14.00) 392.00 (14.00) 392.00 (14.00) 392.00 (14.00) 392.00 (14.00)		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$	46,096.55
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (4" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3		LS Tons CY SY SY SY Tons SF EA EA SF SF EA	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	aubtotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 117.00 30.00 259.00		\$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS * COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I		LS Tons CY SY SY SY Tons SF EA EA SF SF EA EA EA	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 66.00 18.00 25.00 38.00 114.00 392.00 392.00 17.00 30.00 259.00 31.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical)		LS Tons CY SY SY SY Tons SF EA EA SF EA EA EA EA EA LF	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 0 66.00 0 18.00 0 25.00 3 38.00 1 114.00 1 11.00 3 392.00 1 25.9.00 2 31.00 3 38.00 3		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * CONSTRUCTION TRAFFIC CONTROL Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asghatt Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)		LS Tons CY SY SY Tons SF EA EA EA SF SF EA EA EA LF LF	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	114.00 325.00 38.00 114.00 114.00 114.00 114.00 25.00 114.00 25.00 30.00 259.00 33.00 38.00 38.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphatl Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp)		LS Tons CY SY SY SY Tons SF EA EA EA EA EA EA EA EA EA EA EA EA EA	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 66.00 66.00 18.00 138.00 114.00 114.00 114.00 114.00 1392.00 339.00 259.00 134.0		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)		LS Tons CY SY SY Tons SF EA EA EA SF SF EA EA EA LF LF	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	114.00 325.00 38.00 114.00 114.00 114.00 114.00 25.00 114.00 25.00 30.00 259.00 33.00 38.00 38.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphatl Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp)		LS Tons CY SY SY SY Tons SF EA EA EA EA EA EA EA EA EA EA EA EA EA	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	37.00 66.00 9 66.00 9 18.00 1 25.00 1 38.00 1 114.00 1 392.00 1 392.00 2 392.00 1 30.00 2 259.00 1 30.00 2 31.00 38.00 38.00 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only)		LS Tons CY SY SY SY Tons SF EA EA EA EA EA EA EA EA EA EA EA EA EA	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	114.00 337.00 66.00 18.00 25.00 38.00 114.00 392.00 392.00 30.00 259.00 30.00 259.00 31.00 38.00 38.00 38.00 62.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (4" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk		LS Tons CY SY SY SY SY SY SF EA EA EA EA EA EA EA EA EA EA SF SF SF SF SY SY	Section 1 S	37.00 66.00 18.00 25.00 38.00 114.00 392.00 114.00 392.00 114.00 3392.00 338.00 338.00 38.00 38.00 38.00 38.00 259.01 259		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) SECTION 2 - PUBLIC IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 8" Sidewalk		LS Tons CY SY SY Tons SF EA EA EA EA EA EA EA EA LF LF LF SY SY SY	Section 1 S	iubtotal 37.00 66.00 18.00 18.00 114.00 392.00 114.00 259.00 38.00 11.00 392.00 33.00 259.00 38.00 38.00 38.00 38.00 62.00 77.00 94.00 125.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphat Pavement (3" thick) Asphat Pavement (3" thick) Asphat Pavement (6" thick) Asphat Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk Pedestrian Ramp		LS Tons CY SY SY SY Tons SF EA EA EA EA EA EA EA LF LF LF SY SY SY	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	iubtotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 392.00 392.00 331.00 259.00 38.00 <t< td=""><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>46,096.55</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>46,096.55</td></t<>		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Common access only Curb and Later (6" thick, 6' wide to include return)		LS Tons CY SY SY SY Tons SF EA EA EA EA EA EA LF LF LF SY SY SY SY SY EA LF	Section 1 S	aubtotal 37.00 6.00 66.00 18.00 25.00 38.00 114.00 1 392.00 3 17.00 3 392.00 3 30.00 2 25.90 3 38.00 3 38.00 3 38.00 1 38.00 1 38.00 1 125.00 1 125.00 1 14.00 1 154.00 1 125.00 1 1496.00 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 1000000000000000000000000000000000000		LS Tons CY SY SY SY SY Tons SF EA EA EA EA EA EA LF LF LF SY SY SY SY SY EA LF LF	Section 1 S	37.00 66.00 18.00 25.00 38.00 114.00 392.00 114.00 392.00 338.00 338.00 39.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 39.00 39.00 39.00 38.00 39.00 39.00 39.00 39.00 39.00 39.00 39.00 39.00 39.00 39.00 39.00 39.00 39.00 39.00 30.00 39.00 30.00 39.00 30.00 39.00 30.000		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$\$\$\$\$\$\$\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.53
a retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 9 Addites and the set of thick, 6" wide to include return) Cross Pan, collector (9" thick, 8" wide to include return) Curb Opening with Drainage Chase		LS Tons CY SY SY SY Tons SF EA EA EA EA EA EA LF LF LF SY SY SY SY SY EA LF LF LF	Section 1 S	iubtotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 259.00 31.00 38.00 31.00 38.00 31.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 10.259.00 125.00 14,496.00 79.00 119.00 1,926.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Curb San, Iocal (8" thick, 6' wide to include return) Cross Pan, Iocal (8" thick, 6' wide to include return) Curb opening with Drainage Chase Guardrail Type 3 (W-Beam)		LS Tons CY SY SY Tons SF EA EA EA EA EA EA LF LF LF LF SY SY SY SY SY SY EA LF LF LF LF	Section 1 S	iubtotal 37.00 66.00 18.00 14.00 111.00 392.00 111.00 392.00 25.900 38.00 31.00 38.00 38.00 38.00 38.00 38.00 38.00 62.00 77.00 1145.00 79.00 119.00 199.00 199.00 199.00 199.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.5
retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk S" Sidewalk Bedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curo Span, collector (9" thick, 6' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)		LS Tons CY SY SY Tons SF EA EA EA EA EA EA EA LF LF LF SY SY SY SY SY SY EA LF LF LF LF LF	Section 1 S	iubtotal 37.00 66.00 18.00 18.00 138.00 111.00 338.00 111.00 25.90 33.00 25.90 33.00 25.90 33.00 25.90.00 38.00 38.00 38.00 38.00 38.00 62.00 77.00 125.00 1446.00 79.00 119.00 1,926.00 94.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.5
Image: Pressure with the process of		LS Tons CY SY SY SY EA EA EA EA EA EA LF LF LF LF SY SY SY SY SY EA LF LF LF LF LF LF LF LF LF LF LF EA	Section 1 S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	abbotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 392.00 392.00 338.00 11.00 392.00 338.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 11.00 38.00 12.00 14.96.00 79.00 119.00 1,926.00 65.00 94.00 2,731.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.5
Image: Pressure with the process of the proces of the process of the process of the process of the proces of t		LS Tons CY SY SY SY SY Tons SF EA EA EA EA EA EA LF LF SY SY SY SY SY SY EA LF LF EA LF EA EA	Section 1 S \$ <td< td=""><td>abbotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 114.00 392.00 33.00 31.00 38.00 31.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 14.00 10.00 125.00 1496.00 19.900 119.00 19.400 19.300 19.400 19.300 19.400 19.300 19.300 19.300</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>46,096.55</td><td></td><td>\$ \$\$\$\$\$\$\$\$\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>46,096.5</td></td<>	abbotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 114.00 392.00 33.00 31.00 38.00 31.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 14.00 10.00 125.00 1496.00 19.900 119.00 19.400 19.300 19.400 19.300 19.400 19.300 19.300 19.300		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$\$\$\$\$\$\$\$\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.5
Initial acceptance (MAXIMUM OF 80% COMPLETE LOWED) ICOWED) ECTION 2 - PUBLIC IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Baricade - Type 3 Belineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk		LS Tons CY SY SY SY Tons SF EA EA EA EA EA EA EA LF LF SY SY SY SY SY EA LF LF EA EA LF LF EA LF LF EA	Section 1 S	iubtotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 114.00 392.00 259.00 38.00 31.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 10.200 77.00 94.00 125.00 1496.00 79.00 1994.00 2,731.00 94.00 2,731.00 102.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55
Image: Pressure with the process of the proces of the process of the process of the process of the proces of t		LS Tons CY SY SY SY SY Tons SF EA EA EA EA EA EA LF LF SY SY SY SY SY SY EA LF LF EA LF EA EA	Section 1 S \$ <td< td=""><td>abbotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 114.00 392.00 33.00 31.00 38.00 31.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 14.00 10.00 125.00 1496.00 19.900 119.00 19.400 19.300 19.400 19.300 19.400 19.300 19.300 19.300</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>46,096.55</td><td></td><td>\$ \$\$\$\$\$\$\$\$\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>46,096.5</td></td<>	abbotal 37.00 66.00 18.00 25.00 38.00 114.00 392.00 114.00 392.00 33.00 31.00 38.00 31.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 38.00 14.00 10.00 125.00 1496.00 19.900 119.00 19.400 19.300 19.400 19.300 19.400 19.300 19.300 19.300		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.55		\$ \$\$\$\$\$\$\$\$\$\$\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46,096.5

Updated: 10/2023

randview Reserve Lift Station				PPR2421						
reject Name	_			/2024					FFR2721	
roject Name			Date					PCD File No.		
				Unit				(with Pr	-Plat Constru	ction)
escription	Quantity	Units		Cost			Total	% Complete	Rema	
	quartery	0			=	\$	-	1	\$	
[insert items not listed but part of construction plans]					-	\$	-		\$	-
TORM DRAIN IMPROVEMENTS										
Concrete Box Culvert (M Standard), Size (W x H)		LF			=	\$	-		\$	
18" Reinforced Concrete Pipe		LF	\$	82.00	=	\$	-		\$	
24" Reinforced Concrete Pipe		LF	\$	98.00	=	\$	-		\$	
30" Reinforced Concrete Pipe		LF	\$	123.00	=	\$	-		\$	
36" Reinforced Concrete Pipe		LF	\$	151.00	=	\$	-		\$	
42" Reinforced Concrete Pipe		LF	\$	201.00	=	\$	-		\$	
48" Reinforced Concrete Pipe		LF	\$	245.00	=	\$	-		\$	
54" Reinforced Concrete Pipe		LF	\$	320.00	=	\$	-		\$	
60" Reinforced Concrete Pipe		LF	\$	374.00	=	\$	-		\$	
66" Reinforced Concrete Pipe		LF	\$	433.00	=	\$	-		\$	
72" Reinforced Concrete Pipe		LF	\$	495.00	=	\$	-		\$	
18" Corrugated Steel Pipe		LF	\$	105.00	=	\$	-		\$	
24" Corrugated Steel Pipe		LF	\$	121.00	-	\$	-		\$	
30" Corrugated Steel Pipe		LF	\$	154.00	_	\$	-		\$	
36" Corrugated Steel Pipe		LF	\$	184.00	=	\$	-		\$	
42" Corrugated Steel Pipe		LF	\$	212.00	=	\$	-		\$	
48" Corrugated Steel Pipe		LF	\$	223.00	=	\$	-		\$	
54" Corrugated Steel Pipe		LF	\$	327.00	_	\$	-		\$	
60" Corrugated Steel Pipe		LF	\$	353.00	_	\$	-		\$	
66" Corrugated Steel Pipe		LF	\$	427.00	-	\$	-	-	\$	
72" Corrugated Steel Pipe		LF	\$	502.00	_	\$	-		\$	
78" Corrugated Steel Pipe		LF	\$	578.00	-	\$	-	-	\$	
84" Corrugated Steel Pipe		LF	\$	691.00	-	\$	-		\$	
Flared End Section (FES) RCP Size =			Ŷ	051.00						
(unit cost = 6x pipe unit cost)		EA			=	\$	-		\$	
Flared End Section (FES) CSP Size =					=	\$	-		\$	
(unit cost = 6x pipe unit cost)		EA						-	-	
End Treatment- Headwall		EA			=	\$	-		\$	
End Treatment- Wingwall		EA			=	\$	-		\$	
End Treatment - Cutoff Wall		EA			=	\$	-		\$	
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$	7,212.00	=	\$	-		\$	
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$	9,377.00	=	\$	-		\$	
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$	10,859.00	=	\$	-		\$	
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$	9,925.00	=	\$	-		\$	
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$	10,230.00	=	\$	-		\$	
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$	12,805.00	=	\$	-		\$	
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$	12,907.00	=	\$	-		\$	
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$	13,835.00	=	\$	-		\$	
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$	15,130.00	=	\$	-		\$	
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$	13,755.00	=	\$	-		\$	
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$	15,181.00	=	\$	-		\$	
Grated Inlet (Type C), Depth < 5'		EA	\$	6,037.00	-	\$	-		\$	
Grated Inlet (Type D), Depth < 5'		EA	\$	7,458.00	-	\$	-		\$	
Storm Sewer Manhole, Box Base		EA	\$	15,130.00	=	\$	-		\$	
Storm Sewer Manhole, Slab Base		EA	\$	8,322.00	=	\$	-		\$	
Geotextile (Erosion Control)		SY	\$	9.00	=	\$	-		\$	
Rip Rap, d50 size from 6" to 24"		Tons	\$	104.00	=	\$	-		\$	
Rip Rap, Grouted		Tons	\$	124.00	=	\$	-		\$	
Drainage Channel Construction, Size (W x H)		LF			=	\$	-		\$	
Drainage Channel Lining, Concrete		CY	\$	741.00	=	\$	-		\$	
Drainage Channel Lining, Rip Rap		CY	\$	145.00	-	\$	-		\$	
Drainage Channel Lining, Grass		AC	\$	1,911.00	=	\$	-		\$	
Drainage Channel Lining, Other Stabilization					=	\$	-		\$	
					-	\$	-		\$	
[insert items not listed but part of construction plans]					-	\$	-		\$	

		PROJE	CT IN	FORMATION					
Grandview Reserve Lift Station			9/1	3/2024				PI	PR2421
Project Name			Da	te				PCD File No.	
						-			
				Unit					lat Construction)
Description	Quantity	Units		Cost			Total	% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPR	OVEMENTS (Priv	ate or Di	istrict	and NOT Mai	intained	by EP	C)**		
ROADWAY IMPROVEMENTS								1	
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
STORM DRAIN IMPROVEMENTS (Exc	eption: Permanent Pon	d/BMP shal	ll be iter	mized under Sectio					
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
WATER SYSTEM IMPROVEMENTS									
Water Main Pipe (PVC), Size 8"		LF	\$	84.00	=	\$	-	\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	98.00	=	\$	-	\$	-
Gate Valves, 8"		EA	\$	2,418.00	=	\$	-	\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$	8,584.00	=	\$	-	\$	-
Water Service Line Installation, inc. tap and valves		EA	\$	1,723.00	=	\$	-	\$	-
Fire Cistern Installation, complete		EA			=	\$	-	\$	-
					=	\$	-	\$	-
[insert items not listed but part of construction plans]					=	\$	-	\$	-
SANITARY SEWER IMPROVEMENTS									
Sewer Main Pipe (PVC), Size 8"	221	LF	\$	84.00	=	\$	18,555.60	\$	18,555.60
Sanitary Sewer Manhole, Depth < 15 feet	3	EA	\$	5,708.00	=	\$	17,124.00	\$	17,124.00
Sanitary Service Line Installation, complete		EA	\$	1,825.00	=	\$	-	\$	-
Sanitary Sewer Lift Station, complete	1	EA	\$	7,465,000.00	=	\$	7,465,000.00	\$	7,465,000.00
Sewer Main Pipe (PVC), Size 18"	289	LF	\$	150.00	=	\$	43,350.00	\$	43,350.00
Sewer Main Pipe (PVC), Size 14"	215	LF	\$	123.00	=	\$	26,445.00	\$	26,445.00
					=	\$	-	\$	-
[insert items not listed but part of construction plans]					=	\$	-	\$	-
LANDSCAPING IMPROVEMENTS	(For subdivision spe	cific conditi	on of ap	oproval, or PUD)					
		EA			=	\$	-	\$	-
		EA			=	\$	-	\$	-
		EA			=	\$	-	\$	-
		EA			=	\$	-	\$	-
		EA			=	\$	-	\$	-
** - Section 3 is not subject to defect warranty requirements			Secti	ion 3 Subtotal	=	\$	7,570,474.60		7,570,474.60

		DDOJEC	T INFORMATION				
Grandview Reserve Lift Station			9/13/2024			PI	PR2421
Project Name			Date			PCD File No.	
			Bute				
			Unit			(with Pre-P	lat Construction)
Description	Quantity	Units	Cost		Total	% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQ				=	\$ -	\$	
POND/BMP CERTIFICATION (inc. elevations and volume cal	,	LS		-	\$ -	\$	
		Sum of all sect	Construction Fin	section subtot: ancial Assu r items comple Total De	Construction Financi als plus as-builts and pond/E trance (with Pre-Plat C te plus as-builts and pond/E fect Warranty Financi ateralized at time of prelimir	BMP certification) Construction) BMP certification) al Assurance	\$ 7,616,571.15
Approvals							
I hereby certify that this is an accurate and complete estimate of Engineer (P.E. Seal Required)	f costs for the work	< as shown on t		n Control Plan	and Construction Drawings	associated with the	Project.
Approved by Owner / Applicant			Date				

Date

Approved by El Paso County Engineer / ECM Administrator



Grandview Reserve Dual Force Mains

El Paso County No. PPR2421

Prepared For (Applicant/Owner): D.R. Horton

Prepared By: HR Green Development, LLC

(with pre-plat construction)

	P	ROJECT	INFORMATIO	N				0000451
randview Reserve Dual Force Main			9/26/2024				PCD File No.	PPR2421
roject Name			Date				PCD File No.	
			Unit				(with Pre	e-Plat Construction)
escription	Quantity	Units	Cost			Total	% Complete	Remaining
ECTION 1 - GRADING AND EROSION CONTROL Earthwork	L (Construction a	and Permai	nent BMPs)					
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$			\$-
		CY	\$ 6.00	=	\$			\$ -
1,000-5,000; \$8,000 min								э - \$-
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$			
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$	-		\$ -
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$	-		\$ -
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$	-		\$ -
Permanent Erosion Control Blanket		SY	\$ 9.00	=	\$	-		\$ -
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	27.93	AC	\$ 2,018.00	=	\$	56,362.74		\$ 56,362.
Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$	-		\$ -
Concrete Washout Basin		EA	\$ 1,172.00	=	\$	-		\$ -
Inlet Protection	16	EA	\$ 217.00	=	\$	3,472.00		\$ 3,472.0
Rock Check Dam	2	EA	\$ 651.00	=	\$	1,302.00		\$ 1,302.0
Safety Fence		LF	\$ 3.00	=	\$	-		\$-
Sediment Basin		EA	\$ 2,294.00	=	\$	-		\$-
Sediment Trap		EA	\$ 538.00	=	\$	-		\$ -
Silt Fence	1601	LF	\$ 3.00	=	\$	4,803.00		\$ 4,803.
Slope Drain		LF	\$ 43.00		\$	-		\$ -
Straw Bale	184	EA	\$ 33.00	=	\$	6,072.00		\$ 6,072.
Straw Wattle/Rock Sock		LF	\$ 8.00	=	\$	-		\$ -
Surface Roughening		AC	\$ 269.00		\$	-		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$	_		\$ -
		AC	\$ 1,793.00	=	\$			s -
Temporary Seeding and Mulching	13	EA				40 105 00		-
Vehicle Tracking Control	15	EA	\$ 3,085.00	=	\$	40,105.00		
				=	\$	-		\$ -
[insert items not listed but part of construction plans]				=	\$	-		\$ -
MAI Subject to defect warranty financial assurance. A minimum of 20% shall be	NTENANCE (35%	o of Constr	uction BMPs)	=	\$	19,513.90		\$ 19,513.9
ECTION 2 DUBLIC IMPROVEMENTO *								
OADWAY IMPROVEMENTS		18			¢			đ
OADWAY IMPROVEMENTS Construction Traffic Control		LS	¢	=	\$	-		\$-
DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)	400	Tons	\$ 37.00	=	\$	-		\$ -
DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)	409	Tons CY	\$ 66.00		\$ \$	- - 26,971.01		\$ - \$ 26,971.0
DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) (135 lbs/cf)		Tons CY SY	\$ 66.00 \$ 18.00		\$ \$ \$	- 26,971.01 -		\$ - \$ 26,971. \$ -
DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)	409 2452	Tons CY SY SY	\$ 66.00 \$ 18.00 \$ 25.00		\$ \$ \$	-		\$ - \$ 26,971. \$ - \$ 61,297.
OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY SY	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00	=	\$ \$ \$ \$	- 26,971.01 - 61,297.75 -		\$ - \$ 26,971.0 \$ - \$ 61,297.0 \$ -
Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY SY Tons	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00		\$ \$ \$ \$ \$	- 26,971.01 -		\$ - \$ 26,971. \$ - \$ 61,297. \$ - \$ -
OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		Tons CY SY SY SY	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00	=	\$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 -		\$ \$ 26,971. \$ \$ 61,297. \$ \$ \$ \$
OADWAY IMPROVEMENTS Construction Traffic Control		Tons CY SY SY SY Tons	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00	=	\$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 -		\$ \$ 26,971. \$ \$ 61,297. \$ \$ \$
OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement Asphalt Pavement (147 lbs/cf) " thick Raised Median, Paved		Tons CY SY SY SY Tons SF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00	=	\$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 - - - -		\$ \$ 26,971. \$ \$ 61,297. \$ \$ \$ \$
OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign		Tons CY SY SY SY Tons SF EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 - - - - -		\$ - \$ 26,971.0 \$ 61,297 \$ - \$ - \$ - \$ - \$ - \$ - \$ -
DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) _" thick Raised Median, Paved		Tons CY SY SY Tons SF EA EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 - - - - -		\$ - \$ 26,971.0 \$ 61,297.0 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking		Tons CY SY SY Tons SF EA EA EA SF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00 \$ 17.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 - - - - - - - - - - - -		\$ - \$ 26,971.0 \$ 61,297.0 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
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OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick)		Tons CY SY SY Tons SF EA EA SF SF EA EA EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00 \$ 392.00 \$ 259.00 \$ 30.00 \$ 259.00 \$ 31.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 - - - - - - - - - - - - - - - - - - -		\$ \$ 26,971. \$ \$ 61,297. \$
OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) " thick Raised Median, Paved " thick Regulatory Sign/Advisory Sign " thick Guide/Street Name Sign		Tons CY SY SY Tons SF EA EA SF EA EA EA EA LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 11.00 \$ 392.00 \$ 392.00 \$ 259.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 31.00 \$ 38.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 - - - - - - - - - - - - - - - - - - -		\$ - \$ 26,971. \$ 61,297. \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
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DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick)		Tons CY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY EA LF LF EA LF LF EA LF	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 39.00 \$ 11.00 \$ 392.00 \$ 17.00 \$ 30.00 \$ 30.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 1496.00 \$ 19.00 \$ 1.926.00 \$ 94.00 \$ 2.731.00 \$ 4.902.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 - - - - - - - - - - - - - - - - - - -		\$ 26,971. \$ 26,971. \$ 61,297. \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick)		Tons CY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY EA LF LF EA LF EA EA	\$ 66.00 \$ 18.00 \$ 25.00 \$ 38.00 \$ 114.00 \$ 392.00 \$ 392.00 \$ 392.00 \$ 30.00 \$ 30.00 \$ 31.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 38.00 \$ 94.00 \$ 1,496.00 \$ 1,926.00 \$ 94.00 \$ 94.00 \$ 94.00 \$ 94.00 \$ 94.00 \$ 2,731.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 26,971.01 - 61,297.75 - - - - - - - - - - - - - - - - - - -		\$ 26,971. \$ 26,971. \$ 61,297. \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

Grandview Reserve Dual Force Main		-	RUJEUI	INFORMATI 9/26/2024					PPR2421	
				_		PCD File No.	PPRZ4Z1			
Project Name				Date				PCD File No.		
				Unit				(with Pro	-Plat Cons	struction)
Description		Quantity	Units	Cost			Total	% Complete		maining
· · · · ·					=	\$	-		\$	-
[insert items not listed but part of construction	plans]				=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS										
Concrete Box Culvert (M Standard), Size (W	/ x H)		LF		=	\$	-		\$	-
18" Reinforced Concrete Pipe		32	LF	\$ 82.00	=	\$	2,624.00		\$	2,624.0
24" Reinforced Concrete Pipe		16	LF	\$ 98.00	=	\$	1,568.00		\$	1,568.0
30" Reinforced Concrete Pipe			LF	\$ 123.00	=	\$	-		\$	-
36" Reinforced Concrete Pipe			LF	\$ 151.00	=	\$	-		\$	-
42" Reinforced Concrete Pipe			LF	\$ 201.00	=	\$	-		\$	-
48" Reinforced Concrete Pipe			LF	\$ 245.00	=	\$	-		\$	-
54" Reinforced Concrete Pipe			LF	\$ 320.00	=	\$	-		\$	-
60" Reinforced Concrete Pipe			LF	\$ 374.00	=	\$	-		\$	-
66" Reinforced Concrete Pipe			LF	\$ 433.00	=	\$	-		\$	-
72" Reinforced Concrete Pipe			LF LF	\$ 495.00 \$ 105.00	=	\$ ¢			\$ ¢	-
18" Corrugated Steel Pipe			LF	\$ 105.00 \$ 121.00	=	\$ \$			\$ ¢	
24" Corrugated Steel Pipe 30" Corrugated Steel Pipe			LF	\$ 121.00	=	\$			\$ \$	
36" Corrugated Steel Pipe			LF	\$ 134.00	=	ې \$			э \$	
42" Corrugated Steel Pipe			LF	\$ 184.00	=	ې \$			э \$	
42" Corrugated Steel Pipe			LF	\$ 223.00	=	\$	-		\$	-
54" Corrugated Steel Pipe			LF	\$ 327.00	=	چ \$			\$	
60" Corrugated Steel Pipe			LF	\$ 353.00	=	\$	-		\$	-
66" Corrugated Steel Pipe			LF	\$ 427.00	=	\$	-		\$	-
72" Corrugated Steel Pipe			LF	\$ 502.00	=	\$	-		\$	-
78" Corrugated Steel Pipe			LF	\$ 578.00	=	\$	-		\$	-
84" Corrugated Steel Pipe			LF	\$ 691.00	=	\$	-		\$	-
Flared End Section (FES) RCP Size =	24	2.		\$ 588.00	=	\$	1,176.00		\$	1,176.0
(unit cost = 6x pipe unit cost)		۷.	EA	\$ 566.00	_	Þ	1,170.00		Þ	1,170.0
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)			EA		=	\$	-		\$	-
End Treatment- Headwall			EA		=	\$	-		\$	-
End Treatment- Wingwall			EA		=	\$	-		\$	-
End Treatment - Cutoff Wall			EA		=	\$	-		\$	-
Curb Inlet (Type R) L=5', Depth < 5'			EA	\$ 7,212.00	=	\$	-		\$	-
Curb Inlet (Type R) L=5', 5' ≤ Depth < 1	0'		EA	\$ 9,377.00	=	\$	-		\$	-
Curb Inlet (Type R) L =5', 10' ≤ Depth < 1	5'		EA	\$ 10,859.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', Depth < 5'			EA	\$ 9,925.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', 5' ≤ Depth < 1	0'		EA	\$ 10,230.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', 10' ≤ Depth < 1	5'		EA	\$ 12,805.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', Depth < 5'			EA	\$ 12,907.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', 5' ≤ Depth < 1	0'		EA	\$ 13,835.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', 10' ≤ Depth < 1	5'		EA	\$ 15,130.00	=	\$	-		\$	-
Curb Inlet (Type R) L =20', Depth < 5'			EA	\$ 13,755.00	=	\$	-		\$	-
Curb Inlet (Type R) L =20', $5' \leq \text{Depth} < 1$	0'		EA	\$ 15,181.00	=	\$	-		\$	-
Grated Inlet (Type C), Depth < 5'			EA	\$ 6,037.00	=	\$	-		\$	-
Grated Inlet (Type D), Depth < 5'			EA	\$ 7,458.00	=	\$	-		\$	-
Storm Sewer Manhole, Box Base			EA	\$ 15,130.00	=	\$	-		\$	-
Storm Sewer Manhole, Slab Base			EA	\$ 8,322.00	=	\$ \$	-		\$ ¢	-
Geotextile (Erosion Control) Rip Rap, d50 size from 6" to 24"			SY Tons	\$ 9.00 \$ 104.00	=	\$			\$ \$	
Rip Rap, Gouted			Tons	\$ 104.00	=	\$	-		≯ \$	
Drainage Channel Construction, Size (W x	н)		LF	φ 124.00	=	ې \$	-		э \$	
Drainage Channel Lining, Concrete	.,		CY	\$ 741.00	=	چ \$	-		\$	
Drainage Channel Lining, Rip Rap			CY	\$ 145.00	=	\$	-		\$ \$	-
Drainage Channel Lining, Grass			AC	\$ 1,911.00	=	\$	-		\$	-
Drainage Channel Lining, Other Stabilization				÷ _,511.50	=	\$	-		\$	-
-g					=	\$	-		\$	-
[insert items not listed but part of construction	plans]				=	\$	-		\$	-
* - Subject to defect warranty financial assurance. A minimun	n of 20% shall be									
retained until final acceptance (MAXIMUM OF 80% COMPLE			Sectio	on 2 Subtotal	=	\$	93,636.80		\$	93,63

		PROJECT	INF	ORMATIO	ON				
Grandview Reserve Dual Force Main			9/2	26/2024				PP	R2421
Project Name	Date						PCD File No.		
				Unit				· · ·	at Construction)
Description	Quantity	Units		Cost			Total	% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPR	OVEMENTS (Priv	<mark>ate or Dis</mark>	tric	t and NO	T Mainta	ained	by EPC)**		
ROADWAY IMPROVEMENTS									
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
STORM DRAIN IMPROVEMENTS (Exc	eption: Permanent Pon	d/BMP shall	be ite	emized unde					
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	-
WATER SYSTEM IMPROVEMENTS									
Water Main Pipe (PVC), Size 8"		LF	\$	84.00	=	\$	-	\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	98.00	=	\$	-	\$	-
Gate Valves, 8"		EA	\$	2,418.00	=	\$	-	\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$	8,584.00	=	\$	-	\$	-
Water Service Line Installation, inc. tap and valves		EA	\$	1,723.00	=	\$	-	\$	-
Fire Cistern Installation, complete		EA			=	\$	-	\$	-
			_						
					=	\$	-	\$	-
[insert items not listed but part of construction plans]					=	\$	-	\$	-
SANITARY SEWER IMPROVEMENTS									
Brine Force Main Pipe (PVC), Size 4"	17521	LF	\$	62.00	=	\$	1,086,302.00	\$	1,086,302.00
Force Main Pipe (PVC), Size 8"	17481	LF	\$	84.00	=	\$	1,468,404.00	\$	1,468,404.0
Sanitary Sewer Manhole, Depth < 15 feet	1	EA	\$	5,708.00	=	\$	5,708.00	\$	5,708.0
Air Release Vault	5	EA		25,000.00	=	\$	125,000.00	\$	125,000.00
Sanitary Service Line Installation, complete		EA	Ş	1,825.00	=	\$	-	\$	-
Sanitary Sewer Lift Station, complete	17401	EA LF	ć	422.00	=	\$		\$	
Force Main Pipe (PVC), Size 14"	17481 650	LF	\$	123.00	=	\$	2,150,163.00	\$	2,150,163.0
8" Steel Casing Pipe W/ cathodic Protection	650	LF	\$ \$	105.00 125.00	=	\$ \$	68,250.00 81,250.00	\$	81,250.00
12" PVC Steel Casing Pipe W/ cathodic Protection 18" PVC Steel Casing Pipe W/ cathodic Protection	650	LF	\$	125.00	=	\$	97,500.00	\$	97,500.0
0 1	650	LF	¢	150.00	=	\$	97,500.00	\$	97,500.0
[insert items not listed but part of construction plans]	(For subdivision and	oific conditie	n of r	approval an		4	-	\$	-
	(For subdivision spe	EA	II OT 8	approval, or	PUD) =	\$		\$	-
		EA			=	\$		\$	
		EA			=	\$ \$		\$	
		EA			=	\$	-	\$	
		EA			=	\$ \$	-	\$	-
** - Section 3 is not subject to defect warranty requirements				Subtotal	=	ې \$	5,082,577.00	ې 5	5,082,577.00

		PROJECT	INFORMATI	ON					
Grandview Reserve Dual Force Main		9/26/2024				PPR2421			
Project Name		Date				PCD File No.			
			Unit			(with Pre-P	at Construction)		
Description	Quantity	Units	Cost		Total	% Complete	Remaining		
AS-BUILT PLANS (Public Improvements inc. Permanen	t WQCV BMPs)			-	\$ -	\$	-		
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		-	\$ -	\$	-		
				Tota	al Construction Financ	ial Assurance \$	5,307,844.44		
			(Sum of all s	ection subto	tals plus as-builts and pond/	BMP certification)			
						,			
	Total Rema	ining Cons	truction Fina	ancial Ass	urance (with Pre-Plat	Construction)	5,307,844.40		
	(Sum of a	all section total	s less credit for	items compl	ete plus as-builts and pond/	BMP certification)			
						,			
				Total D	efect Warranty Financ	ial Assurance	29,999.91		
	(20% of all iten	ns identified as		llateralized at time of prelim				
	· · · · · · · · · · · · · · · · · · ·			()	·····				
A									
Approvals									
I hereby certify that this is an accurate and complete estim	ate of costs for the wo	rk as shown or	n the Grading a	nd Erosion C	ontrol Plan and Construction	Drawings associated	with the Project.		
			-			-	-		
Engineer (P.E. Seal Required)		-							
Approved by Owner / Applicant		-	Date						
			Dute						

Date

Approved by El Paso County Engineer / ECM Administrator

Comment response for Financial Assurance Estimate Form

Page No	Comments	Response
	Please provide estimates for:	Added separate estimates for (in a single
	- Dual Force Main	pdf)
1	- Interceptor Sewer	- Dual Force Main
ļ	- Onsite Sanitary Sewer	- Interceptor Sewer
		- Onsite Sanitary Sewer
	as provided in first submittal.	and lift station