



PUBLIC/PRIVATE CONSTRUCTION – T2 PERMIT CHECKLIST

All Parties

- Review items 3, 6 – 8, and 13 of the PIA Agreement
- Signed PIA Agreement by Owner / Engineer / Contractor
- Authorization letter for individual signing on behalf of the owner Not Applicable

Owner \ Developer

- Floodplain use permit (if required, must be executed before T2 permit) Not Applicable
- Native Plant Protection Clearance Not Applicable
- Submit Special inspection form(s) for the Following:
 - Material Testing
 - Conarch(s)
 - Civil infrastructure items that are outlined by the IBC.
- Payment for Permit (Invoiced after permit analysis)

Contractor

- Copy of State of Arizona issued Contractor License: ROC# _____
- Copy or Receipt of payment for Town of Marana Business License number: _____
- PDEQ Dust Control Permit
- ROW Permit Application (obtained from Carla Donaldson) Not Applicable
- Contractor Estimate of the work to be constructed (See attached sample)
- Assurances per MTC 17-13-5 (A): Letter of Credit, Cash Assurance, Performance Bond
(Contact DEVENG@MaranaAZ.gov for additional information)

Engineer

- Approved SWPPP Plan
- PDEQ Approval to Construct for Water and Sewer Plans, or Correspondence from PDEQ that their review is not required (Correspondence must be from PDEQ)

Notes:

FOR OFFICIAL USE ONLY

Town Reviewed: _____

Revision Date 1/2023

ABC Construction

Construction Cost Estimate

Date: February 10, 2022
Project: Marana Retail Store
Address: 555 Business Avenue, Tucson AZ 85743

Town Reference: DPP2106-098

I. SWPPP

1.	SWPPP	1	LS	@	\$ 25,038.28	=	\$ 25,038.28
	Subtotal, SWPPP						\$ 25,038.28

II. Earthwork

1.	Clearing	12.30	AC	@	\$ 2,309.73	=	\$ 28,409.68
2.	Precompaction	32,279	SY	@	0.67	=	21,626.93
3.	Excavation	21,412	CY	@	5.07	=	108,558.84
4.	Over Excavation	14,234	CY	@	3.98	=	56,651.32
5.	Import	1,116	CY	@	19.12	=	21,337.92
6.	Pad Grading	50,714	SY	@	0.86	=	43,614.04
7.	Finish Grading	1	LS	@	52,956.24	=	52,956.24
	Subtotal, Earthwork						\$ 333,154.97

III. Private Sewer

1.	8" SDR-35 PVC Sewer	1,620	LF	@	\$ 62.73	=	\$ 101,622.60
2.	4' Diameter Manhole	12	EA	@	6,409.15	=	76,909.80
3.	6" Sewer Service PVC	1,280	LF	@	64.25	=	82,240.00
4.	4" Sewer Service PVC	350	LF	@	63.23	=	22,130.50
5.	6" Cleanouts (No Adjustments)(w/Box and Cover)	19	EA	@	860.19	=	16,343.61
6.	4" Cleanouts (No Adjustments)(w/Box and Cover)	8	EA	@	637.38	=	5,099.04
7.	Cleanout Adjustments	27	EA	@	597.90	=	16,143.30
8.	Connect to Existing	1	EA	@	4,651.95	=	4,651.95
	Subtotal, Private Sewer						\$ 325,140.80

IV. Water

1.	8" CL-305 C-900 PVC Water	2,375	LF	@	\$ 84.63	=	\$ 200,996.25
2.	8" CL-350 DIP Water (3 Drop)	200	LF	@	122.61	=	24,522.00
3.	6" DIP Fire Line Stubs	565	LF	@	110.84	=	62,624.60
4.	4" DIP Fire Line Stubs	30	LF	@	112.77	=	3,383.10
5.	2" Water Service - No Meter or Backflow	13	EA	@	5,056.31	=	65,732.03
6.	1" Water Service - No Meter or Backflow	1	EA	@	2,019.74	=	2,019.74
7.	2" Irrigation Service - No Meter or Backflow	2	EA	@	4,995.60	=	9,991.20

IV. Water, continued

8.	8" Fire Hydrant with Locks	8	EA	@	5,396.73	=	43,173.84
9.	8" Valve	20	EA	@	1,933.29	=	38,665.80
10.	6" Valve	26	EA	@	1,454.78	=	37,824.28
11.	4" Valve	2	EA	@	1,287.30	=	2,574.60
12.	1" Air Release Valve	2	EA	@	3,275.88	=	6,551.76
13.	Connect to Existing	1	EA	@	4,450.63	=	4,450.63
14.	12" x 8" Tapping Sleeve and Valve	1	EA	@	12,039.48	=	12,039.48
15.	2" Drain Valve Assembly	1	EA	@	1,029.65	=	1,029.65
16.	2" Drain Valve Assembly for Fire Lines (Non- Spec, Temp Only)	14	EA	@	1,029.65	=	14,415.10
17.	Pavement Patch	66	SF	@	165.00	=	10,890.00
18.	Water Inspection Fee (Excluded)	1	LS		7.00	=	-

Subtotal, Water \$ 540,884.06

V. Private Water

1.	4" DIP Fire Line Private (1EA)	30	LF	@	\$ 174.15	=	\$ 5,224.50
2.	6" DIP Fire Line Private (13 EA)	440	LF	@	133.01	=	58,524.40
3.	2" Sch. 40 Private Water Service	420	LF	@	31.53	=	13,242.60
4.	1" Sch. 40 Private Water Service	20	LF	@	37.95	=	759.00
5.	2" Backflow with Cage	15	EA	@	5,729.81	=	85,947.15
6.	1" Backflow with Cage	2	EA	@	3,770.92	=	7,541.84
7.	Backflow Text	17	EA	@	364.16	=	6,190.72

Subtotal, Private Water \$ 177,430.21

VI. Dry Utilities

1.	Joint Trench and Backfill	4,800	LF	@	\$ 19.44	=	\$ 93,312.00
2.	6" Sch. 40 PVC Pipe	460	LF	@	45.61	=	20,980.60
3.	4" Sch. 40 PVC Pipe	3,920	LF	@	16.94	=	66,404.80
4.	2 1/2" Wave RIB Conduit	3,500	LF	@	7.82	=	27,370.00
5.	J-2 Cabinet	2	EA	@	1,728.30	=	3,456.60
6.	PME-9 Pad	2	EA	@	2,249.70	=	4,499.40
7.	Single Phase Transformer Pad	15	EA	@	1,438.80	=	21,582.00
8.	Connect to Existing - TEP	2	EA	@	2,441.99	=	4,883.98
9.	Gas Trench, Sleeving and Backfill	360	EA	@	48.64	=	17,510.40
10.	Joint Trench and Backfill (CL-Additional Trench)	500	LF	@	28.80	=	14,400.00
11.	Install 4" Sch. 40 PVC Pipe Communications - CenturyLink	4,000	LF	@	17.32	=	69,280.00
12.	CenturyLink Pedestal (Utility to Provide) (Not Shown)	14	EA	@	1,106.45	=	15,490.30
13.	Connect to Existing- CenturyLink	1	EA	@	2,142.92	=	2,142.92

Subtotal, Dry Utilities \$ 361,313.00

VII. Storm Drain

1.	6" HDPE Storm Drain (Not Shown)	400	LF	@	\$ 63.42	=	\$ 25,368.00
2.	8" HDPE Storm Drain (Not Shown)	400	LF	@	66.38	=	26,552.00
3.	18" SRP Storm Drain 16 GA	28	LF	@	143.61	=	4,021.08
4.	24" SRP Storm Drain 16 GA	174	LF	@	143.51	=	24,970.74
5.	30" SRP Storm Drain 16 GA	225	LF	@	203.77	=	45,848.25
6.	36" SRP Storm Drain 16 GA	11	LF	@	289.35	=	3,182.85
7.	96" SRP Storm Drain 14 GA	685	LF	@	777.47	=	532,566.95
8.	SD Manhole	2	EA	@	10,336.26	=	20,672.52

VII. Storm Drain, continued

9.	4" Irrigation Sleeve - PVC Sch. 40 (Not Shown on Plans)	200	LF	@	15.55	=	3,110.00
							\$ 686,292.39
Subtotal, Storm Drain							\$ 686,292.39

VIII. Drainage

1.	Slope Grading	3,685	SF	@	\$ 1.93	=	\$ 7,112.05
2.	Grouted Riprap	3,658	SF	@	11.02	=	40,311.16
3.	Dumped Riprap	2,737	SF	@	6.35	=	17,379.95
4.	Cut Off Walls	690	LF	@	42.31	=	29,193.90
5.	Hand Rail	185	LF	@	53.83	=	9,958.55
6.	Transverse Catch Basin	1	EA	@	23,344.69	=	23,344.69
Subtotal, Drainage							\$ 127,300.30

IX. Paving

1.	Removals	1	LS	@	\$ 5,981.34	=	\$ 5,981.34
2.	Cut and Backfill Curb	6,590	LF	@	9.36	=	61,682.40
3.	14" Vertical Curb	6,321	LF	@	19.17	=	121,173.57
4.	MAG Vertical Curb and Gutter	68	LF	@	23.93	=	1,627.24
5.	24" Wedge Curb	204	LF	@	29.84	=	6,087.36
6.	Concrete Entrance	1,825	LF	@	10.73	=	19,582.25
7.	Trash Enclosures (Slabs Only)	3,550	SF	@	9.70	=	34,435.00
8.	Wheelchair Ramps	13	EA	@	2,974.73	=	38,671.49
9.	Subgrade Preparation	15,553	SY	@	3.47	=	53,968.91
10.	ABC, 4"	15,553	SY	@	9.11	=	141,687.83
11.	AC, 2" & 3"	15,553	SY	@	17.98	=	279,642.94
12.	Adjust Manholes	24	EA	@	708.53	=	17,004.72
13.	Adjust Water Valves / Flushing Outlets / DVA's	67	EA	@	580.74	=	38,909.58
14.	Post Barricade (Type B 106)	38	EA	@	580.19	=	22,047.22
15.	Signage	1	LS	@	10,407.53	=	10,407.53
16.	Striping	1	LS	@	19,139.09	=	19,139.09
17.	Sidewalk - Adjacent to Parking Lots -Exposed Aggregate	16,327	SF	@	10.10	=	164,902.70
18.	Sidewalk - Interior - Exposed Aggregate	26,915	SF	@	11.98	=	322,441.70
Subtotal, Paving							\$ 1,359,392.87

Material Testing & Special Inspections

Testing Services	LS	26,300.00
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Surveying

Site Surveying	LS	55,449.00
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Total Construction Cost Estimate:**\$ 4,017,695.88**