

Building Data Summary	
Project ID:	*****
Location:	*****
Scope of Work:	Site Work
Date:	

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
DIVISION.01 GENERAL REQUIREMENTS														
1		Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
2		Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
3		Final Cleaning	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
4		Mobilization Costs	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
5		Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Subtotal (General Requirements)												\$ -
DIVISION 02- SITE WORK/ EXISTING CONDITIONS														
		Demolition												
6		Sawcut	LF	250	0%	250	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
7		Remove Tree	EA	68	0%	68	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
8		Remove Curb	LF	114	0%	114	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
9		Site Clearing	SF	142140	0%	142140	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
10		Remove Sidewalk	SF	680	0%	680	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
11		Tree Protection Barrier	LF	412	0%	412	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
12		Stabilize Construction Entrance	SF	648	0%	648	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
13		Power Pole Preserved & Protected	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Sitework												
		Sidewalk												
14		Monilethic Concrete Sidewalk												
		4" Concrete	SF	4145	5%	4352	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		-4" Sand Cushion												
15		Concrete Sidewalk												
		6" Concrete	SF	10756	5%	11294	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		-6" Sand Cushion												
16		Detectable Warning & Sidewalk Ramp	SF	346	5%	363	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Pavement												
17		Connection To Existing Pavement												
		1-1/2" Asphalt	SF	210	5%	221	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		-10" Limerock												
		-12" Stabilized Subgrade												
18		Light Duty Pavement												
		1-1/2" Asphalt	SF	25543	5%	26820	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		-6" Limerock												
		-12" Stabilized Sub-Base												
19		Heavy Duty Pavement												
		2" Asphalt	SF	36033	5%	37835	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		-8" Limerock												
		-12" Stabilized Sub-Base												
20		SJC Major Collector	SF	2706	5%	2841	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Curb & Gutter												
21		18" Standard Curb & Gutter	LF	3192	5%	3352	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Strip												
22		Gore Strip	LF	196	5%	206	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
23		12" White Strip	LF	197	5%	207	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
24		Parking Paint Strip	LF	1875	5%	1969	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
25		24" White Stop Bar	LF	93	5%	98	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Sign												
26		Painted ADA Sign	EA	4	0%	4	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
27		Commercial Sign Post	EA	3	0%	3	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	

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28	6 to 11	Stop Sign 30"x30" Single Column Sign Post	EA	6	0%	6	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
29		Do Not Enter Sign 24"x24" Single Column Sign Post	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
30		Accessible Parking Sign Post W/ Concrete Bollard	EA	4	0%	4	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Bollard												
31		8" Steel Pipe Bollard Filled W/ Concrete	EA	10	0%	10	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Buffer												
32		Vegetataive Natural Buffer	SF	11481	5%	12055	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Dumpster Enclosure (Detail Not Given)												
33		Wooden Dumpster Enclosure	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Fence												
34		6' Chainlink Fence	LF	203	5%	213	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
35		Type III Silt Fence	LF	2029	5%	2130	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Pond												
36		Pond	SF	26547	5%	27874	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
37		Pond Retaing Wall 6'h - By Others	LF	775	5%	814	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Footing												
38		1-6" Dia x1'-6" Deep Concrete Footing @ ADA Sign Post	CY	0.40	5%	0	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
39		1-6" Dia x1'-6" Deep Concrete Footing @ Sign Post	CY	1.38	5%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
40		1-6" Dia x3' Deep Concrete Footing @ Bollard	CY	1.97	5%	2	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Excavation												
41		Excavation @ Footing	CY	4.50	5%	5	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Utility Work												
		Pipes												
42		18" PP Pipe	LF	1179	5%	1238	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
43		24" PP Pipe	LF	35	5%	37	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
44		8" PVC Pipe	LF	731	5%	768	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
45		6" PVC Pipe	LF	110	5%	116	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
46		12" PVC Pipe	LF	37	5%	39	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
47		1" Water Main	LF	1656	5%	1739	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
48		6" PVC Firemain	LF	429	5%	450	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
49		8" PVC Firemain	LF	391	5%	411	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
50		4" PVC Force Man	LF	98	5%	103	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
51		8" PVC Watermain	LF	115	5%	121	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
52		1.5" Water Service	LF	222	5%	233	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
53		8" PVC Storm Drain	LF	1055	5%	1108	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Connections												
54		6" Tee	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
55		8" Tee	EA	13	0%	13	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
56		8"x2" Tee	EA	4	0%	4	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
57		8"x6" Tee	EA	2	0%	2	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
58		18" to 6" Tee	EA	4	0%	4	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
59		18" to 8" Tee	EA	5	0%	5	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
60		4" 45D Bend	EA	3	0%	3	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
61		6" 45D Bend	EA	5	0%	5	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
62		6" 90D Bend	EA	6	0%	6	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
63		8" 45D Bend	EA	9	0%	9	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
64		8" 90D Bend	EA	4	0%	4	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
		Fixtures												
65		Pipe Cap	EA	11	0%	11	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
66		8" Plug	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
67		Riprap	SF	88	5%	92	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
68		Grate Inlet	EA	11	0%	11	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
69		2" Gate Valve	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	
70		2" Water Meter	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	

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71		4" Sewer Valve	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
72		Concrete Weir	SF	98	5%	103	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
73		6" Check Valve	EA	2	0%	2	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
74		1" Water Meter	EA	11	0%	11	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
75		8" Sewer Valve	EA	2	0%	2	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
76		Drainage Manhole	EA	3	0%	3	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
77		6" Isplation Valve	EA	2	0%	2	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
78		Point Of Connection	EA	22	0%	22	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
79		1" Backflow Preventer	EA	11	0%	11	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
80		8"x8" Tapping Saleeve	EA	2	0%	2	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
81		2" Backflow Preventer	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
82		4"x4" Tapping Saleeve	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
83		Roof Drain W/ Cleanout	EA	28	0%	28	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
84		Sanitary Sewer Manhole	EA	4	0%	4	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
85		Private Hydrant W/ Joint Tee	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
86		4" Private Pump Out Assembly	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
87		Remote Fire Dept. Connection	EA	2	0%	2	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
88		8" Double Check Detector Assembly	EA	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
		Trenching													
89		Excavation	CY	1346	5%	1413	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
90		Backfill	CY	1215	5%	1276	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
		Grading													
91		Cut	CY	4570	5%	4799	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
92		Soil	CY	11690	5%	12275	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
93		Soil Import	CY	7120	5%	7476	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -		
		Subtotal (Site Work/ Existing Conditions)						\$ -				\$ -			\$ -

			PROJECTED COST	\$ -
			INSURANCE	3%
			CONTINGENCY	5%
			OVERHEAD AND PROFIT	15%
			TAX	0.00%
			SUGGESTED BID	\$ -

Note:

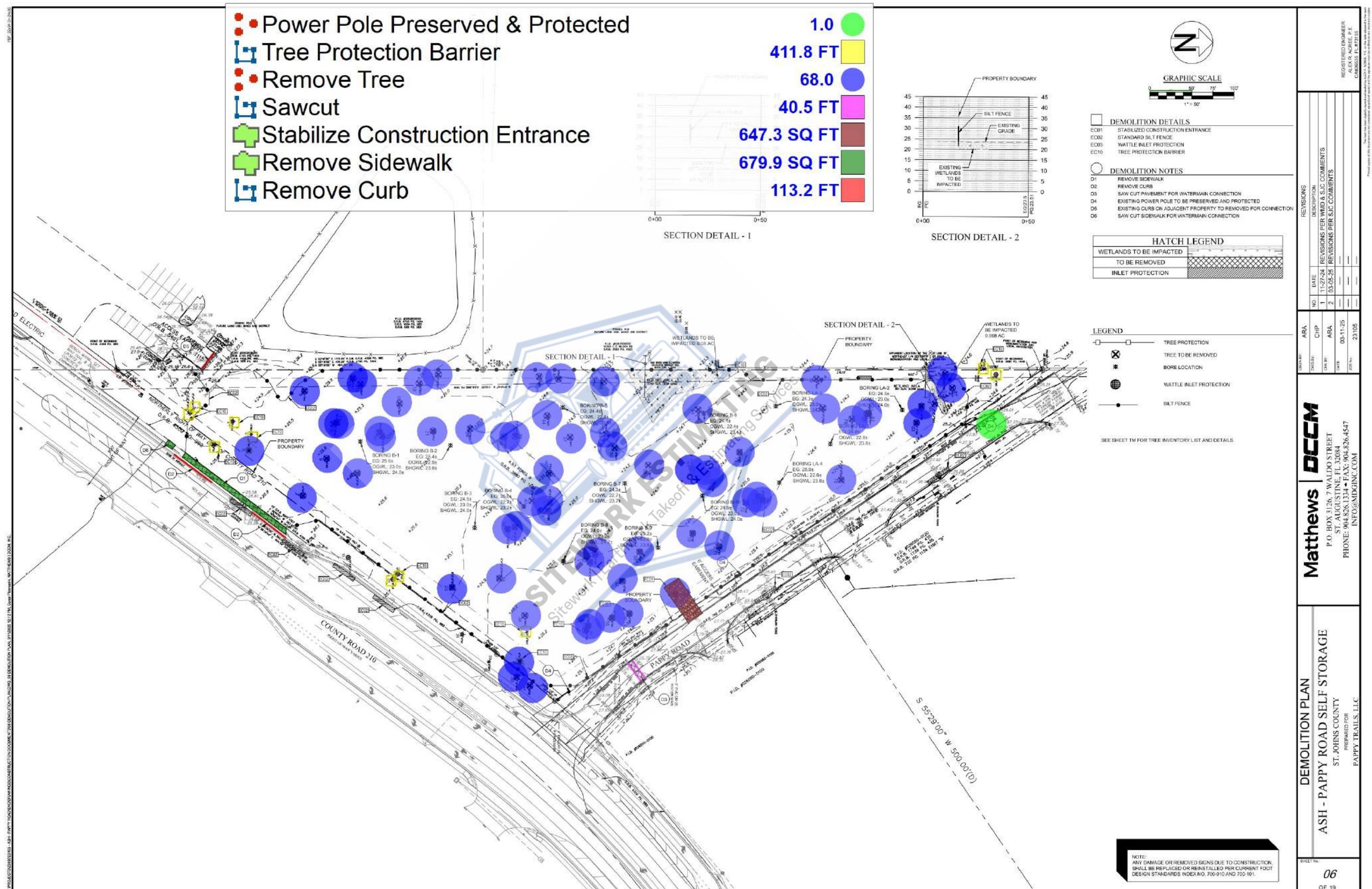
1.Please verify the equipment's and their prices with owner.
2.Online sources are used for pricing.
3.Prices can vary depending upon field conditions.

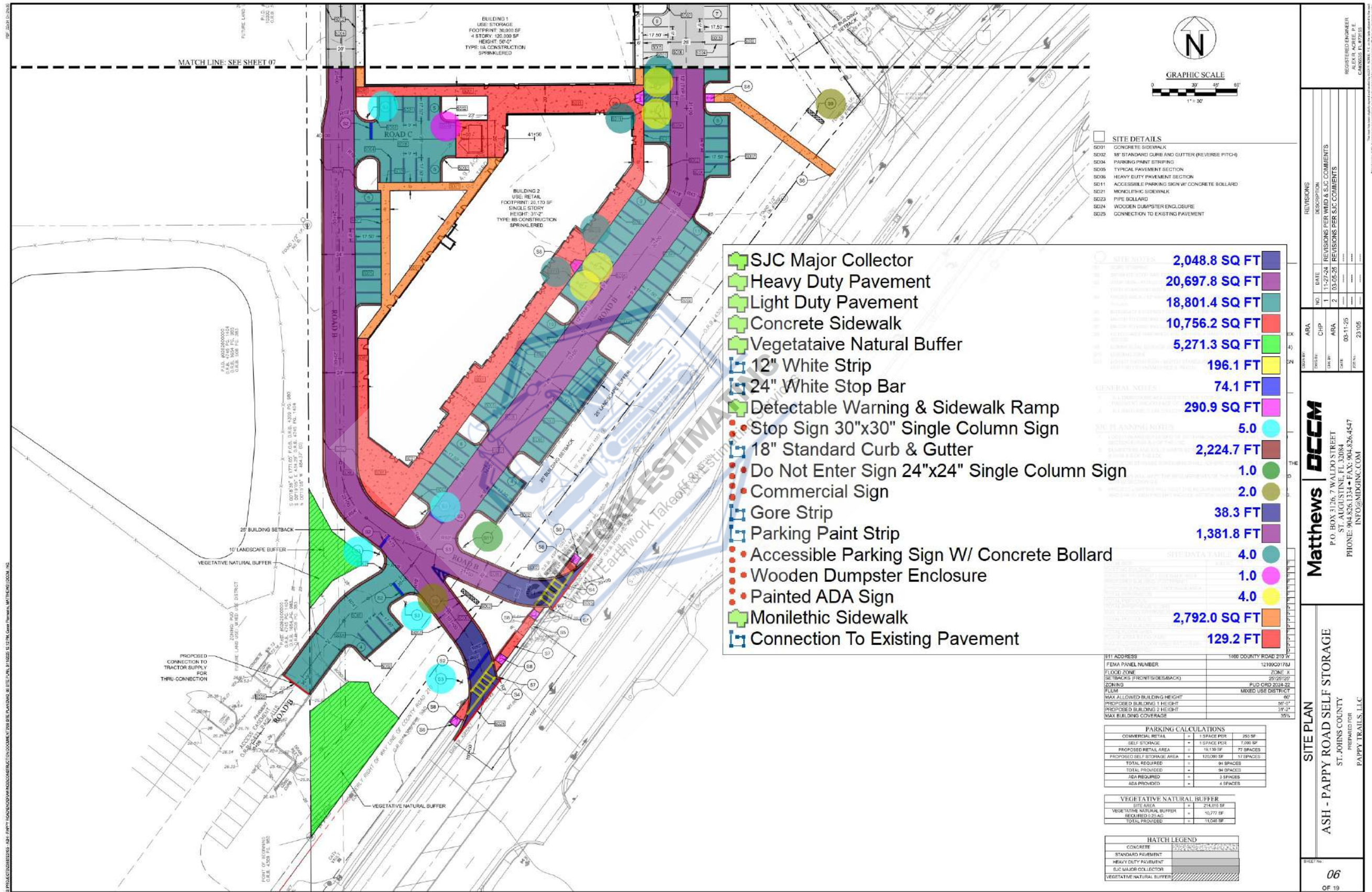
Earthwork Pro Summary

Pappy Grading

08 Grading			
Name	Cut Total	Fill Total	Qty
27.34 - Proposed Contour	CU YD	1528.29 CU YD	1528.29 CU YD
27 - Proposed Contour	CU YD	123.8 CU YD	123.8 CU YD
27 - Proposed Contour	CU YD	64.56 CU YD	64.56 CU YD
27 - Proposed Contour	CU YD	61.39 CU YD	61.39 CU YD
27 - Proposed Contour	CU YD	108.78 CU YD	108.78 CU YD
27 - Proposed Contour	CU YD	90.11 CU YD	90.11 CU YD
27 - Proposed Contour	CU YD	78.3 CU YD	78.3 CU YD
27 - Proposed Contour	CU YD	3837.41 CU YD	3837.41 CU YD
26.5 - Proposed Contour	CU YD	143.43 CU YD	143.43 CU YD
26.5 - Proposed Contour	CU YD	79.06 CU YD	79.06 CU YD
25.5 - Proposed Contour	CU YD	31.3 CU YD	31.3 CU YD
	CU YD	6146.43 CU YD	6146.43 CU YD

09 Grading			
Name	Cut Total	Fill Total	Qty
27.5 - Proposed Contour	CU YD	86 CU YD	86 CU YD
27.34 - Proposed Contour	CU YD	2639.67 CU YD	2639.67 CU YD
27.25 - Proposed Contour	CU YD	115.54 CU YD	115.54 CU YD
27.25 - Proposed Contour	CU YD	75.98 CU YD	75.98 CU YD
27 - Proposed Contour	CU YD	334.39 CU YD	334.39 CU YD
27 - Proposed Contour	CU YD	9.35 CU YD	9.35 CU YD
27 - Proposed Contour	CU YD	17.44 CU YD	17.44 CU YD
27 - Proposed Contour	CU YD	1609.98 CU YD	1609.98 CU YD
26.5 - Proposed Contour	CU YD	58.33 CU YD	58.33 CU YD
26 - Proposed Contour	CU YD	192.48 CU YD	192.48 CU YD
26 - Proposed Contour	CU YD	262.67 CU YD	262.67 CU YD
26 - Proposed Contour	CU YD	21.46 CU YD	21.46 CU YD
26 - Proposed Contour	CU YD	50.09 CU YD	50.09 CU YD
25.5 - Proposed Contour	CU YD	69.3 CU YD	69.3 CU YD
22.5 - Proposed Contour	949.48 CU YD	CU YD	-949.48 CU YD
16 - Proposed Contour	2041.17 CU YD	CU YD	-2041.17 CU YD
11.8 - Proposed Contour	1578.57 CU YD	CU YD	-1578.57 CU YD
	4569.22 CU YD	5542.68 CU YD	973.46 CU YD
		Totals	7119.89 CU YD





SITE DETAILS

SD01	CONCRETE SIDEWALK
SD02	18" STANDARD CURB AND GUTTER (REVERSE PITCH)
SD04	PARKING PAINT STRIPING
SD05	TYPICAL PAVEMENT SECTION
SD06	HEAVY DUTY PAVEMENT SECTION
SD11	ACCESSIBLE PARKING SIGN W/ CONCRETE BOLLARD
SD21	MONOLITHIC SIDEWALK
SD23	PIPE BOLLARD
SD24	WOODEN DUMPSTER ENCLOSURE
SD25	CONNECTION TO EXISTING PAVEMENT

SITE SITES	2,048.8 SQ FT
Heavy Duty Pavement	20,697.8 SQ FT
Light Duty Pavement	18,801.4 SQ FT
Concrete Sidewalk	10,756.2 SQ FT
Vegetative Natural Buffer	5,271.3 SQ FT
12" White Strip	196.1 FT
24" White Stop Bar	74.1 FT
Detectable Warning & Sidewalk Ramp	290.9 SQ FT
Stop Sign 30"x30" Single Column Sign	5.0
18" Standard Curb & Gutter	2,224.7 FT
Do Not Enter Sign 24"x24" Single Column Sign	1.0
Commercial Sign	2.0
Gore Strip	38.3 FT
Parking Paint Strip	1,381.8 FT
Accessible Parking Sign W/ Concrete Bollard	4.0
Wooden Dumpster Enclosure	1.0
Painted ADA Sign	4.0
Monolithic Sidewalk	2,792.0 SQ FT
Connection To Existing Pavement	129.2 FT

SET ADDRESS	1000 COUNTY ROAD 210 W
FEMA PANEL NUMBER	121000076J
FLOOD ZONE	ZONE X
SETBACKS (FRONT/REAR/SIDE)	20/25/20
ZONING	PUD ORD 2024-22
PLUM	MIXED USE DISTRICT
MAX ALLOWED BUILDING HEIGHT	40'
PROPOSED BUILDING 1 HEIGHT	26'-0"
PROPOSED BUILDING 2 HEIGHT	21'-2"
MAX BUILDING COVERAGE	35%

PARKING CALCULATIONS		
COMMERCIAL RETAIL	= 1 SPACE PER	250 SF
SELF STORAGE	= 1 SPACE PER	7,000 SF
PROPOSED RETAIL AREA	= 18,100 SF	77 SPACES
PROPOSED SELF STORAGE AREA	= 12,000 SF	17 SPACES
TOTAL REQUIRED	=	94 SPACES
TOTAL PROVIDED	=	94 SPACES
ADA REQUIRED	=	3 SPACES
ADA PROVIDED	=	4 SPACES

VEGETATIVE NATURAL BUFFER	
SITE AREA	= 24,016 SF
VEGETATIVE NATURAL BUFFER REQUIRED (3' ROAD)	= 16,077 SF
TOTAL PROVIDED	= 11,026 SF

HATCH LEGEND	
CONCRETE	
STANDARD PAVEMENT	
HEAVY DUTY PAVEMENT	
SJC MAJOR COLLECTOR	
VEGETATIVE NATURAL BUFFER	

REVISIONS

NO.	DATE	DESCRIPTION
1	11-27-24	REVISIONS PER WMD & SJC COMMENTS
2	03-06-25	REVISIONS PER SJC COMMENTS

ABA

DESIGN	CHK	APP	DATE	TIME
CHP	ABA	ABA	03-11-25	2:10P

Mathews DCCM

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PHONE: 904.826.1314 • FAX: 904.826.4547
INFO@MIDGNC.COM

SITE PLAN

ASH - PAPPY ROAD SELF STORAGE

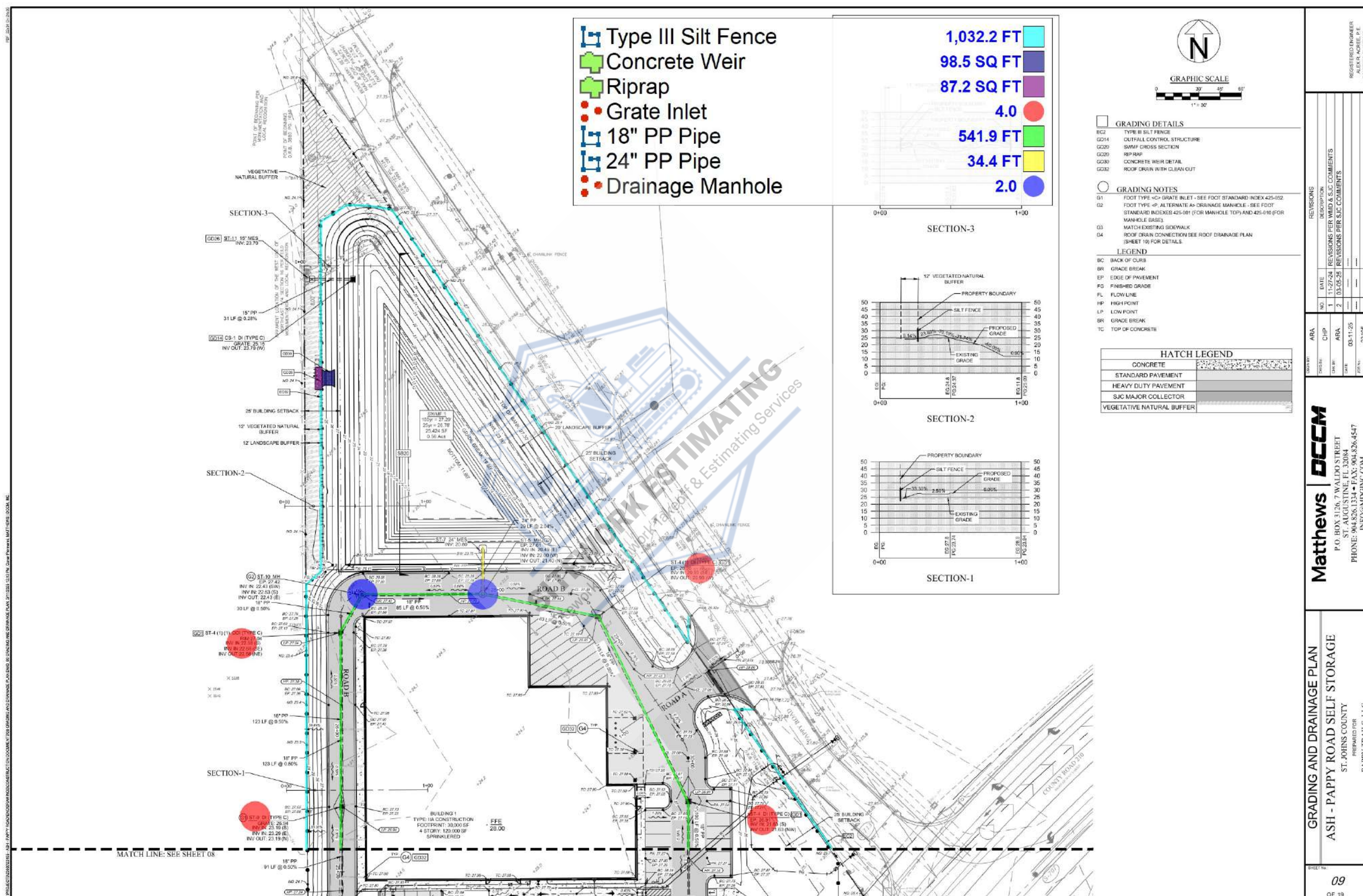
ST. JOHNS COUNTY

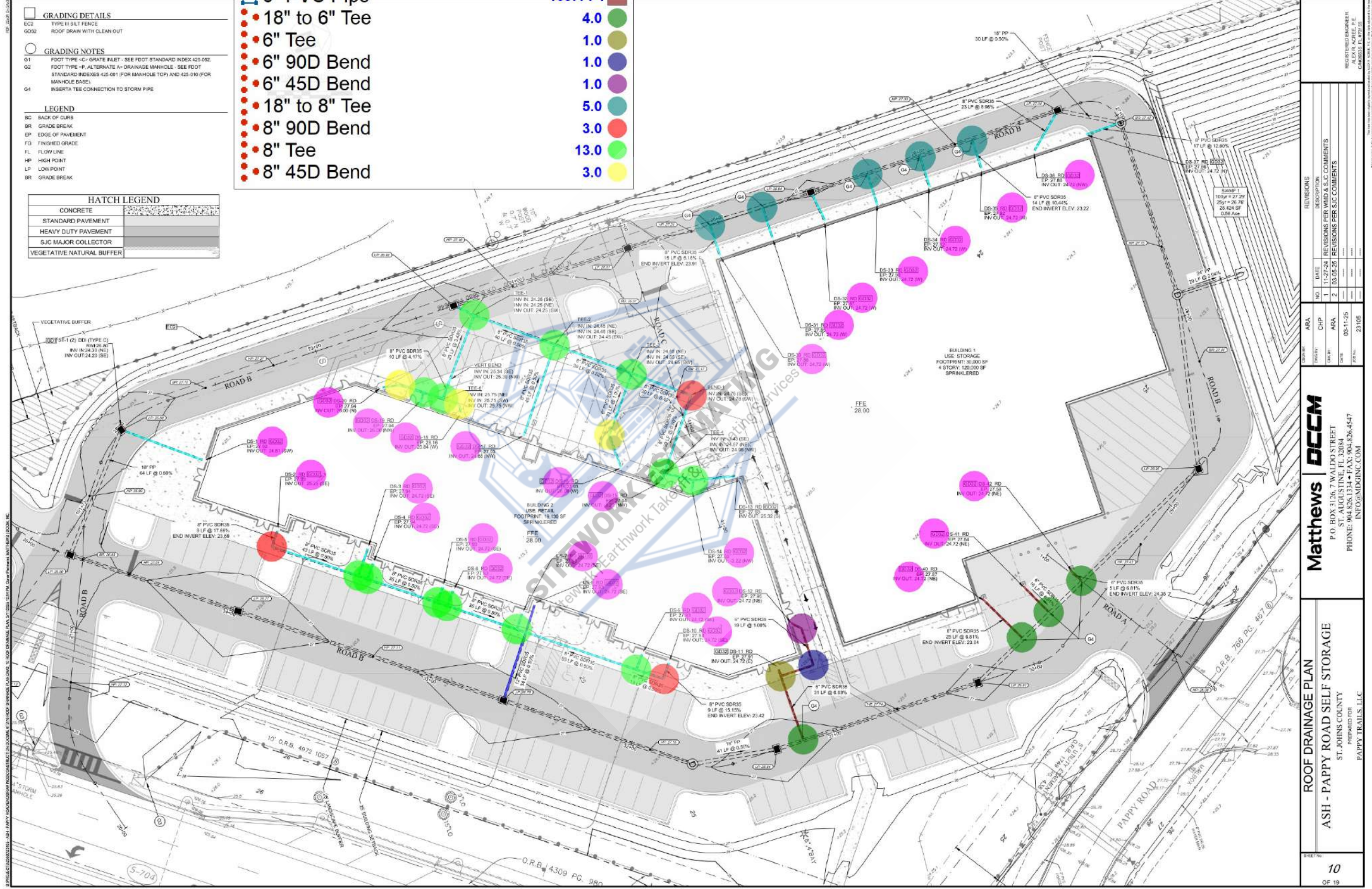
PREPARED FOR
PAPPY TRAILS, LLC

SHEET NO. **06**

OF 19







- GRADING DETAILS**
- EC2 TYPE III SILT FENCE
 - GD32 ROOF DRAIN WITH CLEANOUT
- GRADING NOTES**
- G1 FOOT TYPE - C- GRATE INLET - SEE FOOT STANDARD INDEX 425-052
 - G2 FOOT TYPE - P- ALTERNATE A- DRAINAGE MANHOLE - SEE FOOT STANDARD INDEX 425-051 (FOR MANHOLE TOP) AND 425-010 (FOR MANHOLE BASE)
 - G4 INSERTA TEE CONNECTION TO STORM PIPE
- LEGEND**
- BC BACK OF CURB
 - BR GRADE BREAK
 - EP EDGE OF PAVEMENT
 - FG FINISHED GRADE
 - FL FLOW LINE
 - HP HIGH POINT
 - LP LOW POINT
 - BR GRADE BREAK

HATCH LEGEND	
CONCRETE	
STANDARD PAVEMENT	
HEAVY DUTY PAVEMENT	
SJC MAJOR COLLECTOR	
VEGETATIVE NATURAL BUFFER	

- 12" PVC Pipe 36.4 FT
- Roof Drain W/ Cleanout 28.0
- 8" PVC Pipe 730.2 FT
- 6" PVC Pipe 109.4 FT
- 18" to 6" Tee 4.0
- 6" Tee 1.0
- 6" 90D Bend 1.0
- 6" 45D Bend 1.0
- 18" to 8" Tee 5.0
- 8" 90D Bend 3.0
- 8" Tee 13.0
- 8" 45D Bend 3.0

REVISIONS

NO.	DATE	DESCRIPTION
1	11-27-24	REVISIONS PER WMD & SJC COMMENTS
2	03-05-25	REVISIONS PER SJC COMMENTS

PROJECT INFORMATION

ASH - PAPPY ROAD SELF STORAGE

ST. JOHNS COUNTY

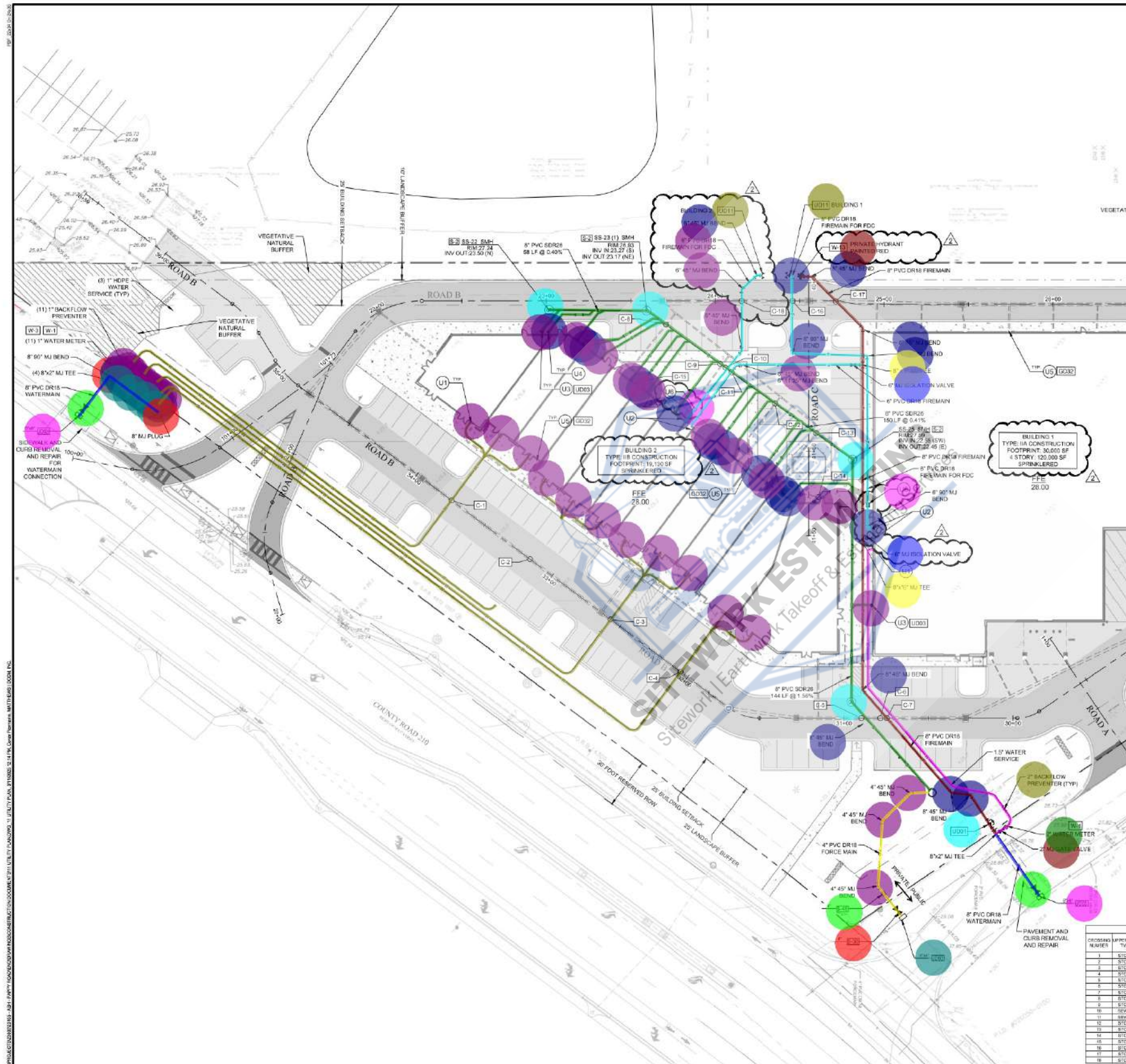
PREPARED FOR: PAPPY TRAILS, LLC

Mathews | DCCM

P.O. BOX 3126, WALDO STREET
ST. AUGUSTINE, FL 32084
PHONE: 904.826.1344 • FAX: 904.826.4547
INFO@MATHSINC.COM

PROJECT DATA

NO.	DATE	DESCRIPTION
1	11-27-24	REVISIONS PER WMD & SJC COMMENTS
2	03-05-25	REVISIONS PER SJC COMMENTS



- 8"x8" Tapping Saleeve 2.0
- 8" Double Check Detector Assembly 1.0
- 2" Gate Valve 1.0
- 2" Water Meter 1.0
- 2" Backflow Preventer 1.0
- 8" 45D Bend 6.0
- 4" 45D Bend 3.0
- 4"x4" Tapping Saleeve 1.0
- 4" Sewer Valve 1.0
- 4" Private Pump Out Assembly 1.0
- 8"x6" Tee 2.0
- 6" Isolation Valve 2.0
- 6" 90D Bend 5.0
- 6" Check Valve 2.0
- Sanitary Sewer Manhole 4.0
- Private Hydrant W/ Joint Tee 1.0
- Remote Fire Dept. Connection 2.0
- 6" 45D Bend 4.0
- 1" Water Meter 11.0
- 1" Backflow Preventer 11.0
- 8"x2" Tee 4.0
- 8" Plug 1.0
- 8" 90D Bend 1.0
- 8" Sewer Valve 2.0
- 4" PVC Force Man 97.2 FT
- 8" PVC Watermain 114.3 FT
- 1.5" Water Service 221.4 FT
- 6" PVC Firemain 428.6 FT
- 8" PVC Firemain 390.1 FT
- 8" PVC Storm Drain 1,054.7 FT
- 1" Water Main 1,655.5 FT
- Pipe Cap 11.0
- Point Of Connection 22.0

CROSSINGS TABLE									
CROSSING NUMBER	APPROX. PROPOSED ELEVATION (FT)	APPROX. EXISTING ELEVATION (FT)	CLEARANCE (FT)	CROSSING TYPE	CROSSING NUMBER	APPROX. PROPOSED ELEVATION (FT)	APPROX. EXISTING ELEVATION (FT)	CLEARANCE (FT)	CROSSING TYPE
1	23.56	23.56	0.00	STANDARD	11	23.56	23.56	0.00	STANDARD
2	23.56	23.56	0.00	STANDARD	12	23.56	23.56	0.00	STANDARD
3	23.56	23.56	0.00	STANDARD	13	23.56	23.56	0.00	STANDARD
4	23.56	23.56	0.00	STANDARD	14	23.56	23.56	0.00	STANDARD
5	23.56	23.56	0.00	STANDARD	15	23.56	23.56	0.00	STANDARD
6	23.56	23.56	0.00	STANDARD	16	23.56	23.56	0.00	STANDARD
7	23.56	23.56	0.00	STANDARD	17	23.56	23.56	0.00	STANDARD
8	23.56	23.56	0.00	STANDARD	18	23.56	23.56	0.00	STANDARD
9	23.56	23.56	0.00	STANDARD	19	23.56	23.56	0.00	STANDARD
10	23.56	23.56	0.00	STANDARD	20	23.56	23.56	0.00	STANDARD
21	23.56	23.56	0.00	STANDARD	22	23.56	23.56	0.00	STANDARD
23	23.56	23.56	0.00	STANDARD	24	23.56	23.56	0.00	STANDARD
25	23.56	23.56	0.00	STANDARD	26	23.56	23.56	0.00	STANDARD
27	23.56	23.56	0.00	STANDARD	28	23.56	23.56	0.00	STANDARD
29	23.56	23.56	0.00	STANDARD	30	23.56	23.56	0.00	STANDARD
31	23.56	23.56	0.00	STANDARD	32	23.56	23.56	0.00	STANDARD
33	23.56	23.56	0.00	STANDARD	34	23.56	23.56	0.00	STANDARD
35	23.56	23.56	0.00	STANDARD	36	23.56	23.56	0.00	STANDARD
37	23.56	23.56	0.00	STANDARD	38	23.56	23.56	0.00	STANDARD
39	23.56	23.56	0.00	STANDARD	40	23.56	23.56	0.00	STANDARD
41	23.56	23.56	0.00	STANDARD	42	23.56	23.56	0.00	STANDARD
43	23.56	23.56	0.00	STANDARD	44	23.56	23.56	0.00	STANDARD
45	23.56	23.56	0.00	STANDARD	46	23.56	23.56	0.00	STANDARD
47	23.56	23.56	0.00	STANDARD	48	23.56	23.56	0.00	STANDARD
49	23.56	23.56	0.00	STANDARD	50	23.56	23.56	0.00	STANDARD
51	23.56	23.56	0.00	STANDARD	52	23.56	23.56	0.00	STANDARD
53	23.56	23.56	0.00	STANDARD	54	23.56	23.56	0.00	STANDARD
55	23.56	23.56	0.00	STANDARD	56	23.56	23.56	0.00	STANDARD
57	23.56	23.56	0.00	STANDARD	58	23.56	23.56	0.00	STANDARD
59	23.56	23.56	0.00	STANDARD	60	23.56	23.56	0.00	STANDARD
61	23.56	23.56	0.00	STANDARD	62	23.56	23.56	0.00	STANDARD
63	23.56	23.56	0.00	STANDARD	64	23.56	23.56	0.00	STANDARD
65	23.56	23.56	0.00	STANDARD	66	23.56	23.56	0.00	STANDARD
67	23.56	23.56	0.00	STANDARD	68	23.56	23.56	0.00	STANDARD
69	23.56	23.56	0.00	STANDARD	70	23.56	23.56	0.00	STANDARD
71	23.56	23.56	0.00	STANDARD	72	23.56	23.56	0.00	STANDARD
73	23.56	23.56	0.00	STANDARD	74	23.56	23.56	0.00	STANDARD
75	23.56	23.56	0.00	STANDARD	76	23.56	23.56	0.00	STANDARD
77	23.56	23.56	0.00	STANDARD	78	23.56	23.56	0.00	STANDARD
79	23.56	23.56	0.00	STANDARD	80	23.56	23.56	0.00	STANDARD
81	23.56	23.56	0.00	STANDARD	82	23.56	23.56	0.00	STANDARD
83	23.56	23.56	0.00	STANDARD	84	23.56	23.56	0.00	STANDARD
85	23.56	23.56	0.00	STANDARD	86	23.56	23.56	0.00	STANDARD
87	23.56	23.56	0.00	STANDARD	88	23.56	23.56	0.00	STANDARD
89	23.56	23.56	0.00	STANDARD	90	23.56	23.56	0.00	STANDARD
91	23.56	23.56	0.00	STANDARD	92	23.56	23.56	0.00	STANDARD
93	23.56	23.56	0.00	STANDARD	94	23.56	23.56	0.00	STANDARD
95	23.56	23.56	0.00	STANDARD	96	23.56	23.56	0.00	STANDARD
97	23.56	23.56	0.00	STANDARD	98	23.56	23.56	0.00	STANDARD
99	23.56	23.56	0.00	STANDARD	100	23.56	23.56	0.00	STANDARD

FIRE MARSHAL NOTES

- HYDRANTS CONNECTED TO A CENTRAL UTILITY AND OWNED & MAINTAINED BY THAT UTILITY COMPANY SHALL BE COLORED CHROMIUM YELLOW WITH WHITE REFLECTIVE CAPS.
- HYDRANTS ON THE SUPPLY SIDE OF A BACKFLOW PREVENTOR AND OWNED & MAINTAINED BY THE DEVELOPMENT ARE DEEMED PRIVATE AND SHALL BE COLORED RED WITH WHITE REFLECTIVE CAPS.
- HYDRANTS ON REUSE OR NON-POTABLE SYSTEMS SHALL BE COLORED MANGROVE PURPLE WITH WHITE REFLECTIVE CAPS.
- FIRE HYDRANTS SHALL BE LOCATED WITHIN 3 FEET TO 10 FEET OF THE CURB. (LDC 6.03.03)
- FIRE HYDRANTS SHALL BE LOCATED NO MORE THAN 12 FT FROM THE FIRE DEPT ACCESS ROADS WITH NO CURBS. (NFPA 1, 165.1.6)
- HYDRANTS SHALL BE INSTALLED ON FLAT STONES, CONCRETE SLABS OR OTHER APPROVED MATERIALS.
- HYDRANTS SHALL BE INSTALLED SO LARGE DIAMETER (4.5 INCH) OUTLET IS FACING THE ROADWAY.
- HYDRANTS SHALL BE INSTALLED SO CENTER OR LOWEST OUTLET IS MINIMUM OF 18 INCHES ABOVE FINAL GRADE.
- HYDRANTS SHALL OPEN COUNTER CLOCKWISE.
- BLUE ROAD REFLECTORS SHALL BE INSTALLED IN THE CENTER OF THE ROAD IN FRONT OF THE HYDRANT. (LDC 6.03.03)
- THE FOC SHALL BE 5' STORZ CONNECTION WITH 30 DEGREE DOWNWARD DEFLECTION.
- ALL BFPs WILL BE FREEZE PROTECTED. BFPs SERVING FIRE SPRINKLER SYSTEMS REQUIRED TO BE ELECTRONICALLY MONITORED.
- PLEASE SEE SHEET 2, FOR GENERAL FIRE PROTECTION NOTES.
- FDC MUST FACE THE ROADWAY AND BE AT LEAST 3 FEET AWAY FROM CURB AND/OR SIDEWALK. FDC CANNOT BE BLOCKED BY PARKING SPACE, LANDSCAPE BEHIND A FENCE.

NOTE: THIS CIVIL UTILITY PLAN IS PROVIDED FOR DRG (CIVIL) REVIEW ONLY. APPROVAL OF THESE PLANS DO NOT INCLUDE APPROVAL FOR PRIVATE UNDERGROUND WATER MAIN, HYDRANTS, AND FIRE SPRINKLER MAINS. CIVIL DRAWINGS ILLUSTRATE LAYOUT ONLY AND DO NOT SHOW FULL COMPLIANCE WITH THE RESPECTIVE FIRE CODES. FOR FIRE MARSHAL UNDERGROUND PERMIT, DETAILED SHOP DRAWINGS MUST BE PREPARED AND SUBMITTED BY THE INSTALLING UNDERGROUND FIRE CONTRACTOR. I, OR MY SHOWING COMPLETE COMPLIANCE WITH, BUT NOT LIMITED TO, NFPA 24, IS STANDARD FOR INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES.

REVISIONS

NO.	DATE	DESCRIPTION
1	11-27-24	REVISIONS PER WMD & SJC COMMENTS
2	03-05-25	REVISIONS PER SJC COMMENTS

ABA

CHP	CHP	ABA
1	11-27-24	11-27-24
2	03-05-25	03-11-25

Mathews

BCCM

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UTILITY PLAN

ASH - PAPPY ROAD SELF STORAGE

ST. JOHNS COUNTY

PREPARED FOR

PAPPY TRAILS LLC

11

OF 19