6

SUBJECT: ST. JOHNS BLUFF ROAD SIDEWALK IMPROVEMENTS

BID #: CP-0092-21 **OPEN DATE:** 2021-06-16

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION PARTICIPATION

AGENCY: PUBLIC WORKS

BASIS OF AWARD: TOTAL BASE BID PLUS SELECTED ALTERNATE(S) IF ANY-LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: (8) **NUMBER RECEIVED:** (7) **OTHER** (2)

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval for Change Order #3 to decrease the award to C.A.P. Contracting, Inc. (contract # 71151-21), for reconciling quantities in the deductive amount of ($3,140.00). The total revised indebtedness not to exceed $2,140,734.91.

This award is to be funded by multiple lines of accounting to be executed by formal change order through Office of General Counsel.

Attachments: Recommendation Memo, Change Order #3, Previous Awards

ANALYST: _____ **RESPECTFULLY SUBMITTED** _____
JACLYN STAMOS DUSTIN FREEMAN, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, Chief, Engineering & Construction Management

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(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY. ONE JACKSONVILLE

April 10, 2023

TO: Dustin Freeman
Chief of Procurement

THRU: Steven D. Long, Jr., P.E.
Director of Public Works

FROM: Robin G. Smith, P. E.
Chief, Engineering and Construction Management

Thomas G. McKnight
Capital Improvement Construction Manager

SUBJECT: St. Johns Bluff Road Sidewalk Improvement
BID# CP-0092-21
Contract 71151-21 PO 627138-21

The subject contract was awarded under BID# CP-0092-21 in the amount of $1,922,751.35 to C.A.P. Contracting, Inc., contract 71151-21. Change order #1 was for $73,230.00. Change order #2 was for $147,893.56. Change order 3 is detailed on the attached spreadsheet in the amount of -$3,140.00

Accordingly, this is to recommend approval for change order 3 to contract 71151-21 to C.A.P. Contracting, Inc., in the amount of -$3,140.00. The maximum indebtedness to the city will be $2,140,734.91.

Funding for the change order to be encumbered by contract is as follows:

ACCOUNT NO.	Fund	ENCUMBERED AMOUNT
See Attached		($3,140.00)
Total		($3,140.00)

Cc: Aaron Heric, Engineering and Construction Management

TGM/lw

Attachments

CITY OF JACKSONVILLE
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
CONSTRUCTION CHANGE ORDER

Change Order No. Three (3) Date April 10, 2023

Description of Project St. Johns Bluff Road Sidewalk Improvements

Name of Contractor C.A.P. Contracting, Inc.

Contractor's Address P. O. Box 9531, Jacksonville, Florida 32208

Contract No. 71151-21/PO 627138-21

Account No. See attached Original Contract $1,922,751.35

+ Previous Change Orders 1,2 $221,123.56.00 + Change Order No. 3 ($3,140.00)

*See attached appendix for additional listings.

TOTAL REVISED CONTRACT $2,140,734.91

Bid Number CP-0092-21

Construction Completion Date June 25, 2022

Revised Construction Completion Date November 30, 2022

Contract Expiration Date October 23, 2022

Revised Contract Expiration Date Project Completion

In compliance with General Conditions of above-referenced contract, CONTRACTOR and OWNER do both hereby agree that the CONTRACTOR shall make the following changes, additions or deletions to the Work specified in the plans and specifications: See attached. Add 91 non-compensable calendar days to construction completion and updatecontract expiration date.

Justification: See attached.

The Issuing Authority has looked over cost and pricing data for this change order and has determined that this change order is necessary and all costs are reasonable.

Accepted for Contractor C.A.P. Contracting, Inc.

Signed _____ Attest _____

Title _____ Title _____

Date _____ Date _____

Signed Construction Management (Issuing Authority) By _____ Thomas G. McKnight, Manager, Construction Management Date

Signed Right-of-Way and Stormwater Maint. (Using Division) By _____ Div/Department Head Date

Chief, Engineering & Construction Mgmt Div Date Assistant Counsel Date

Director of Public Works Date Mayor Date

Chief of Procurement Date Corporation Secretary Date

Director of Finance Date

ATTACHMENT "A"
ACCOUNT NUMBERS
ST. JOHNS BLUFF ROAD SIDEWALK IMPROVEMENTS

ACCOUNT NO.	PO 627138-21 East	PO 627138-21 East	PO 627138-21 East	PO 627138-21 West	PO 627138-21 West	Contract Totals
	10103.159001.565050.001059.00000000.0	10103 159001.585050 001059 00000000.00	32111.153119.565051.001059.00000000.00	10103.159001.565050.001060.00000000.00000	32111.153119.565051.001060.00000000.00000.0000000	
	1059	1059	1059	1060	1060	
	PWSD Fair Share Exp- Road & St Facilities	PWCP Various Cap Proj-Oth Gen Gov Svcs	PWCP Public Works Capt'l Proj- Otr Trans Svcs	PWCP Various Cap Proj-Other Gen Gov Svcs	PWCP Public Works Capt'l Proj- Otr Trans Svcs	
	565050	565050	565050	565050	565051	
	1	1	1	1	3	
	10103-343903	10403.33801	32111-384020	10403-338010	32111-384020	
onginal contract	$624,280.17	$352,678.00	$364,169.08	$331,025.99	$250,598.11	$1,922,751.35
change order #1	$32 133.68	$0.00	$20,426.32	$20,670.00	$0.00	$73,230.00
change order #2	$0.00	$0.00	$73,946.78	$0.00	$73,946.78	$147,893.56
change order #3	$0.00	$0.00	($710.00)	$0.00	($2,430 00)	($3,140 00)
Account Totals	$656,413.85	$352,678.00	$457 832.18	$351 695.99	$322,114.89	$2 140,734 91

NBR	MASTER ITEM DESCRIPTION	QUANTITY	UOM	UNIT COST	NET ADDITION	NET DELETION	NET TOTALS
	RECONCILIATION OF FINAL QUANTITIES (WEST)						
1	PLAN QUANTITY OVERRUNS						
	Item 21: Concrete Sidewalk, 4" Thick	30.000	SY	$45.00	$1,350.00		$1,350.00
	Item 22: Concrete Sidewalk, 6" Thick	42.000	SY	$50.00	$2,100.00		$2,100.00
	JUSTIFICATION: These overruns are results of field adjustments and RFI correspondence. The field measured final quantities were verified by the CEI.						
2	PLAN QUANTITY UNDERRUNS						
	Item 3A: Over Excavation (Contingency)	-24.000	CY	$20.00		($480.00)	($480.00)
	Item 3B: Hauling & Disposal (Contingency)	-24.000	CY	$25.00		($600.00)	($600.00)
	Item 3C: A-3 Sand (Contingency)	-24.000	CY	$200.00		($4,800.00)	($4,800.00)
	JUSTIFICATION These contingency funds were not utilized in this contract.						
	TOTAL RECONCILIATION (WEST)				**$3,450.00**	**($5,880.00)**	
	TOTAL RECONCILIATION (WEST)						**($2,430.00)**
	RECONCILIATION OF FINAL QUANTITIES (EAST)						
1	PLAN QUANTITY OVERRUN						
	Item 52: Off Duty Traffic Control Officer	65.000	HR	$60.00	$3,900.00		$3,900.00
	Item 59: Removal of Existing Concrete	20.000	SY	$10.00	$200.00		$200.00
	Item 68: PVC Pipe For Non Standard Drainage, 8"	126.000	LF	$20.00	$2,520.00		$2,520.00
	Item 73: City Standard Curb & Gutter	10.000	LF	$22.00	$220.00		$220.00
	Item 75: Concrete Sidewalk, 6" Thick	42.800	SY	$50.00	$2,140.00		$2,140.00
	Item 99: Pedestrian/Bicycle Railing Steel, 42" Steel, Type 1	30.000	LF	$147.00	$4,410.00		$4,410.00
	JUSTIFICATION: These overruns are results of field adjustments and RFI correspondence. The field measured final quantities were verified by the CEI. The off duty traffic control officer overrun is a result of the asphalt overrun issued in Change Order #2 for the prolonged paving operation.						
2	PLAN QUANTITY UNDERRUNS						
	Item 3A: Over Excavation (Contingency)	-56.000	CY	$20.00		($1,120.00)	($1,120.00)
	Item 3B: Hauling & Disposal (Contingency)	-56.000	CY	$25.00		($1,400.00)	($1,400.00)
	Item 3C: A-3 Sand (Contingency)	-56.000	CY	$200.00		($11,200.00)	($11,200.00)
	Item 56: Portable Changeable Message Sign, Temporary	-19.000	ED	$20.00		($380.00)	($380.00)
	JUSTIFICATION: These contingency funds were not utilized in this contract. Additionally, the contractor did not utilize the plan quantity total for PCMS signs.						
	TOTAL RECONCILIATION (EAST)				**$13,390.00**	**($14,100.00)**	
	TOTAL RECONCILIATION (EAST)						**($710.00)**
	SUBTOTAL CHANGE ORDER NO. 3				**$16,840.00**	**($19,980.00)**	
	NET TOTAL CHANGE ORDER NO. 3						**($3,140.00)**

EAST SCHEDULE OF VALUES

C A P CONTRACTING INC.
Address: 1115 EDGEWOOD AVENUE WEST
City / State: JACKSONVILLE, FLORIDA
Office Phone / Fax: 904-785-1155 / 904-764-7216

Project Name: ST JOHNS BLUFF RD SIDEWALKS

PAYMENT NUMBER 9
APPLICATION DATE: 03-09-2023
P.O. NO: 627138-21
CONTRACT NO: 71151-21

A ITEM NO	B DESCRIPTION OF WORK	ESTIMATED QUANTITY	UNIT	UNIT PRICE	C TOTAL ESTIMATED VALUE	D COMPLETED PREVIOUS PERIOD QTY	D COMPLETED PREVIOUS PERIOD VALUE	E COMPLETED THIS PERIOD QTY	E COMPLETED THIS PERIOD VALUE	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED AND STORED TO DATE (D + F)	% COMPLETE (G / C)	H BALANCE TO FINISH (C - G)	I RETAINAGE 5%
	GENERAL													
1	MOBILIZATION	1	LS	$ 84,000.00	$84,000.00	1	$84,000.00	0.00	$0.00	$0.00	$84,000.00	100%	$0.00	$ -
2	MAINTENANCE OF TRAFFIC	1	LS	$ 8,050.00	$8,050.00	1	$8,050.00	0.00	$0.00	$0.00	$8,050.00	100%	$0.00	$ -
3	SITE PREPARATION (CLEARING & GRUBBING)	1	LS	$ 22,400.00	$22,400.00	1	$22,400.00	0	$0.00	$0.00	$22,400.00	100%	$0.00	$ -
Total	**GENERAL**				**$128,170.00**		**$114,450.00**		**$0.00**	**$0.00**	**$114,450.00**		**$13,720.00**	**$0.00**
	EAST SIDE													
53	WORK ZONE SIGN	6944	ED	$ 0.40	$2,777.60	6944	$2,777.60	0	$0.00	$0.00	$2,777.60	100%	$0.00	$ -
54	CHANNELIZING DEVICE	12400	ED	$ 0.15	$1,860.00	12400	$1,860.00	0	$0.00	$0.00	$1,860.00	100%	$0.00	$ -
55	ARROWBOARDS/ADVANCE WARNING ARROW PANEL	62	ED	$ 15.00	$930.00	62	$930.00	0	$0.00	$0.00	$930.00	100%	$0.00	$ -
57	SEDIMENT BARRIER	9052	LF	$ 2.00	$18,104.00	9052	$18,104.00	0	$0.00	$0.00	$18,104.00	100%	$0.00	$ -
58	FLOATING TURBIDITY BARRIER	29	LF	$ 15.00	$435.00	29	$435.00	0	$0.00	$0.00	$435.00	100%	$0.00	$ -
60	REGULAR EXCAVATION & FILL	1	LS	$ 42,500.00	$42,500.00	1	$42,500.00	0.00	$0.00	$0.00	$42,500.00	100%	$0.00	$ -
61	SEED & MULCH (CONTINGENCY)	750	SY	$ 2.00	$1,500.00	750	$1,500.00	0	$0.00	$0.00	$1,500.00	100%	$0.00	$ -
62	TYPE B STABILIZATION	23	SY	$ 45.00	$1,035.00	23	$1,035.00	0	$0.00	$0.00	$1,035.00	100%	$0.00	$ -
63	OPTIONAL BASE GROUP	23.0	SY	$ 125.00	$2,875.00	23	$2,875.00	0	$0.00	$850.00	$2,875.00	100%	$0.00	$ -
64	SUPERPAVE ASPHALTIC CONCRETE TRAFFIC	2	TN	$ 425.00	$850.00	2	$850.00	0	$0.00	$0.00	$850.00	100%	$0.00	$ -
65	MISCELLANEOUS ASPHALT PAVEMENT	23.4	TN	$ 380.00	$8,892.00	23.4	$8,892.00	0.0	$0.00	$0.00	$8,892.00	100%	$0.00	$ -
66	PIPE CULVERT STORM 18" RCP	10	LF	$ 65.00	$650.00	10	$650.00	0	$0.00	$0.00	$650.00	100%	$0.00	$
67	PIPE CULVERT STORM 15" RCP	26	LF	$ 55.00	$1,430.00	26	$1,430.00	0	$0.00	$0.00	$1,430.00	100%	$0.00	$ -
69	MITERED END SECTION (SIDE DRAIN) ROUND RCP 18"	1	EA	$ 700.00	$700.00	1	$700.00	0	$0.00	$0.00	$700.00	100%	$0.00	$ -
70	MITERED END SECTION (SIDE DRAIN) ROUND RCP 15"	1.0	EA	$ 850.00	$850.00	1	$850.00	0	$0.00	$0.00	$850.00	100%	$0.00	$

71	THIS PAY ITEM HAS BEEN DELETED													
72	THIS PAY ITEM HAS BEEN DELETED													
74	CONCRETE SIDEWALK 4" THICK	4658	SY	$ 45 00	$209,610.00	4,658	$209,610.00	0	$0.00	$0.00	$209,610.00	100%	$0.00	$ -
76	DETECTABLE WARNING	840	SF	$ 20.00	$16,800.00	840	$16 800 00	0	$0 00	$0.00	$16,800.00	100%	$0 00	$ -
77	GUARDRAIL ROADWAY TL-3	700	LF	$ 26.00	$18,200.00	700	$18,200 00	0	$0.00	$0.00	$18 200.00	100%	$0.00	$ -
78	PIPE RAIL FOR GUARDRAIL	637 5	LF	$ 27 00	$17,212.50	637 5	$17,212 50	0 0	$0.00	$0 00	$17,212 50	100%	$0 00	$ -
79	GUARDRAIL END TREATMENT PARALLEL APPROACH TERMINAL	8	EA	$ 3,175 00	$25,400.00	8	$25,400 00	0	$0.00	$0 00	$25 400.00	100%	$0.00	$ -
80	ADJUST WATER METER BOX	3	EA	$ 100.00	$300.00	3	$300.00	0	$0 00	$0.00	$300.00	100%	$0 00	$ -
81	PERFORMANCE TURF SOD	3662	SY	$ 15.00	$54,930.00	3,662	$54,930.00	0	$0 00	$0.00	$54,930 00	100%	$0 00	$ -
82	LANDSCAPE PALM SABAL PALMETTO UP TO 4' CT	1	EA	$ 250.00	$250.00	0	$0.00	1	$250.00	$0 00	$250 00	100%	$0.00	$ -
83	RECTANGULAR RAPID FLASHING BEACON F&I INSTAL SOLAR	4 0	AS	$ 8,750.00	$35,000.00	4	$35,000 00	0	$0.00	$0 00	$35 000.00	100%	$0 00	$ -
84	SINGLE POST SIGN F&I GROUND MOUNT 12-20 SF	12	AS	$ 600.00	$7,200.00	6	$3,600.00	6	$3 600.00	$0.00	$7 200 00	100%	$0 00	$ -
85	SINGLE POST SIGN RELOCATE	8	AS	$ 120.00	$960 00	0	$0.00	8	$960.00	$0 00	$960 00	100%	$0 00	$ -
86	PAINTED PAVEMENT MARKINGS STANDARD WHITE SOLID FOR CROSSWALK 12" WHITE	1783	LF	$ 1 80	$3,209 40	1 337	$2,406 60	446	$802 80	$0.00	$3,209 40	100%	$0.00	$ -
87	OBJECT MARKER TYPE 4	4	EA	$ 300 00	$1,200.00	4	$1 200 00	0	$0 00	$0.00	$1 200.00	100%	$0 00	$ -
88	PAINTED PAVEMENT MARKINGS STANDARD WHITE SOLID FOR STOP BAR 24" WHITE	103	LF	$ 3.75	$386.25	52	$195.00	51	$191.25	$0.00	$386 25	100%	$0.00	$ -
89	THERMOPLASTIC STD 24" FOR STOP BAR	284	LF	$ 6.00	$1 704.00	142	$852.00	142	$852 00	$0.00	$1 704 00	100%	$0.00	$ -
90	THERMPLASTIC PREFORM WHITE SOLID 12"	1423	LF	$ 13.50	$19,210.50	1 067	$14,404.50	356	$4,806.00	$0.00	$19 210 50	100%	$0.00	$ -
91	THERMOPLASTIC PREFORM WHITE SOLID 24"	1330	LF	$ 26.50	$35,245.00	998	$26,447.00	332	$8,798.00	$0.00	$35,245.00	100%	$0.00	$ -
92	REMOVAL OF EXISTING CONCRETE	7	SY	$ 10.00	$70.00	7	$70.00	0	$0 00	$0.00	$70 00	100%	$0 00	$ -
93	EXCAVATION FOR STRUCTURES	27	CY	$ 150.00	$4,050.00	27	$4 050.00	0	$0.00	$0.00	$4 050.00	100%	$0.00	$ -
94	SELECT BEDDING MATERIAL (#57 CRUSHED STONE)	19	CY	$ 125.00	$2,375 00	19	$2,375.00	0	$0.00	$0.00	$2 375 00	100%	$0.00	$ -
95	RIPRAP - SAND CEMENT	58.8	CY	$ 400.00	$23 520.00	58.8	$23,520.00	0.0	$0.00	$0 00	$23 520.00	100%	$0.00	$ -
96	CONCRETE CLASS I BRIDGE SUPERSTRUCTURE	33 5	CY	$ 450.00	$15,075.00	33 5	$15,075.00	0.0	$0.00	$0.00	$15,075.00	100%	$0.00	$ -

97	REINFORCING STEEL BRIDGE SUPERRSTRUCTURE	3521	LB	$ 2.00	$7,042.00	3,521	$7 042 00	0	$0.00	$0 00	$7,042 00	100%	$0.00	$ -
98	BRIDGE DECK EXPANSION JOINT NEW CONSTRUCTION F&I POURED JOINT WITH EXPANSION ROD	15	LF	$ 200.00	$3,000.00	15	$3,000 00	0	$0 00	$0 00	$3,000.00	100%	$0 00	$ -
100	CONDUIT F&I INSTALL OPEN TRENCH	1053	LF	$ 13.00	$13,689.00	1053	$13,689.00	0	$0 00	$0.00	$13,689 00	100%	$0 00	$ -
101	CONDUIT F&I INSTALL DIRECTIONAL BORE	1364	LF	$ 30.00	$40 920.00	1364	$40 920.00	0	$0 00	$0.00	$40 920 00	100%	$0 00	$ -
102	SIGNAL CABLE NEW OR RECONSTRUCTED INTERSECTION F&I	3	PI	$ 6,400.00	$19 200.00	3	$19 200 00	0	$0.00	$0.00	$19,200 00	100%	$0.00	$ -
103	PULL & SPLICE F&I 13" X 24" COVER SIZE	28.00	EA	$ 971.00	$27,188.00	28	$27 188.00	0	$0 00	$0.00	$27,188.00	100%	$0.00	$ -
104	PRESTRESSED CONCRETE POLE COMPLETE POLE REMOVAL PEDESTAL SERVICE POLE	5.00	EA	$ 900.00	$4,500 00	5	$4,500 00	0	$0 00	$0 00	$4 500 00	100%	$0.00	$ -
105	ALUMINUM SIGNALS POLE PEDESTAL	13.00	EA	$ 1,680.00	$21,840 00	13	$21,840 00	0	$0 00	$0 00	$21 840 00	100%	$0 00	$ -
106	ALUMINUM SIGNALS POLE PEDESTAL F&I PEDESTRIAN DETECTOR POST	1	EA	$ 1,950.00	$1,950.00	1	$1 950.00	0	$0 00	$0.00	$1 950.00	100%	$0 00	$ -
107	PEDESTRIAN SIGNAL F&I LED COUNTDOWN 1 WAY	10	AS	$ 820.00	$8,200 00	10	$8,200 00	0	$0.00	$0.00	$8,200 00	100%	$0.00	$ -
108	PEDESTRIAN SIGNAL F&I LED COUNTDOWN 2 WAY	3	AS	$ 1,375 00	$4,125.00	3	$4 125.00	0	$0.00	$0.00	$4,125.00	100%	$0 00	$ -
109	LOOP DETECTOR INDUCTIVE F&	3	EA	$ 450 00	$1,350.00	3	$1 350 00	0	$0.00	$0.00	$1 350.00	100%	$0.00	$
110	LOOP DETECTOR INDUCTIVE	2	EA	$ 100 00	$200.00	2	$200.00	0	$0.00	$0.00	$200.00	100%	$0 00	$
111	LOOP ASSEMBLY F&I TYPE B	12.0	AS	$ 975.00	$11 700 00	12	$11 700.00	0	$0.00	$850.00	$11 700 00	100%	$0 00	$ -
112	LOOP ASSEMBLY F&I TYPE F	9	AS	$ 1 175 00	$10,575 00	9	$10,575.00	0	$0.00	$0.00	$1 575.00	100%	$0 00	$ -
113	PEDESTRIAN DETECTOR F&I STANDARD	16	EA	$ 300.00	$4 800 00	16	$4 800.00	0	$0.00	$0.00	$4,800.00	100%	$0 00	$
114	TRAFFIC CONTROLLER ASSEMBLY MODIFY	3	AS	$ 1 100 00	$3 300 00	3	$3,300 00	0	$0.00	$0.00	$3,300 00	100%	$0 00	$ -
115	SIGN PANEL F&I OVERHEAD MOUNT UO TO 12 SF	1	EA	$ 750.00	$750.00	1.0	$750.00	0	$0.00	$0.00	$750 00	100%	$0.00	$ -
116	CHANGE ORDER #1	3504	SY	$ 15.00	$52,560.00	3,504	$52,560 00	0	$0.00	$0.00	$52,560 00	100%	$0 00	$ -
117	CHANGE ORDER #2	1	LS	$ 73,946 78	$73,946 78	0	$0.00	1	$73,946.78	$0.00	$73 946 78	100%	$0 00	$
Total	EAST SIDE				$1,339,464.03		$1,258 267.20		$94 206.83	$0.00	$1,352,474.03		-$13,010.00	$0.00
Total	PAY REQUEST #9 (GENERAL ITEMS & EAST SIDE)				$1,467 634.03		$1,372,717.20		$94,206.83	$0.00	$1,466,924.03		$710.00	$0.00

WEST SCHEDULE OF VALUES

Company Name: C.A.P. CONTRACTING INC
Address: 1115 EDGEWOOD AVENUE WEST
City / State: JACKSONVILLE, FLORIDA
Office Phone / Fax: 904-765-1155 / 904-764-7216

Project Name: ST JOHNS BLUFF RD SIDEWALKS

PAYMENT NUMBER 9
APPLICATION DATE 03-09-2023
P.O. NO. 627138-21
CONTRACT NO. 71151-21

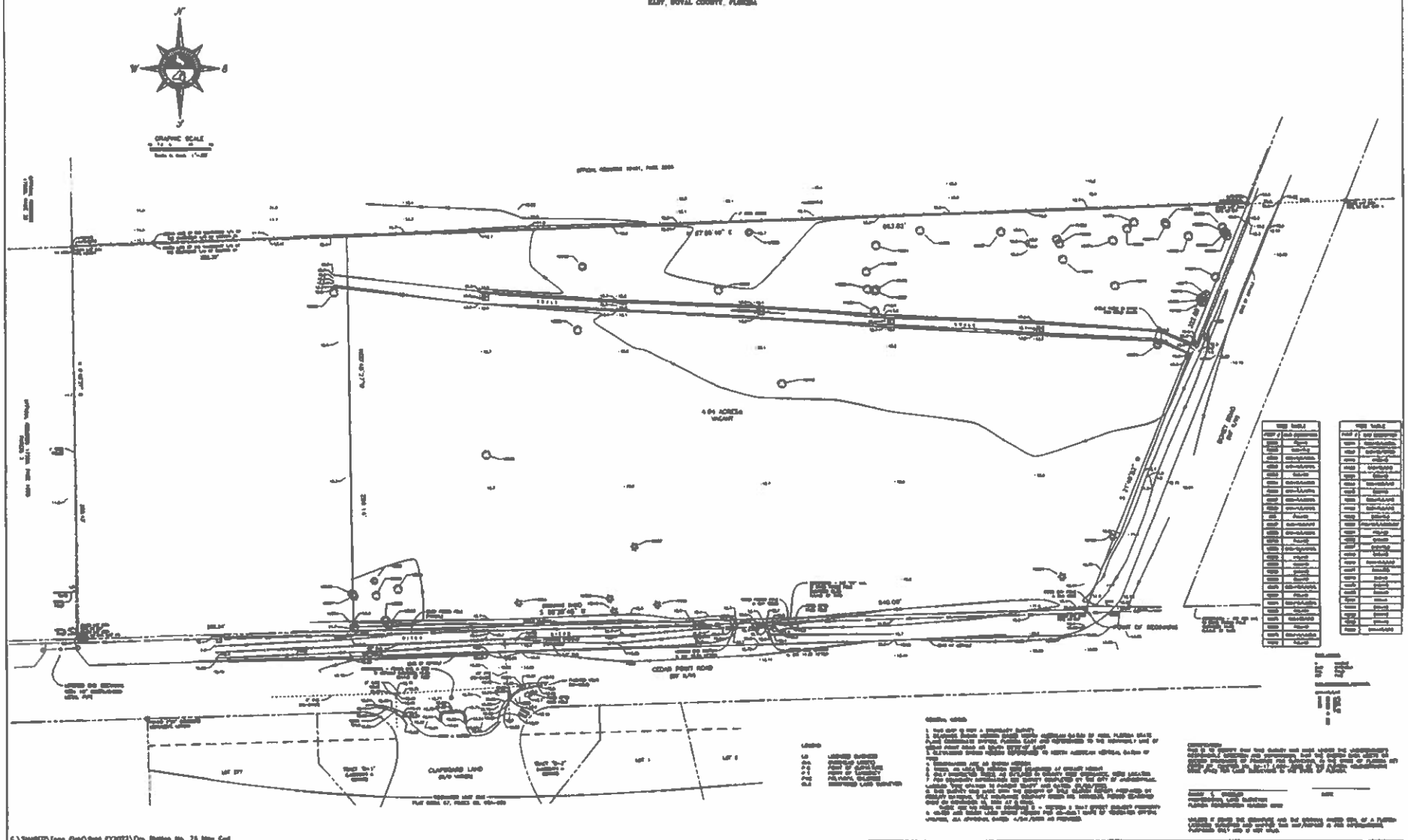
A ITEM NO	B DESCRIPTION OF WORK	ESTIMATED QUANTITY	UNIT	UNIT PRICE	C TOTAL ESTIMATED VALUE	D COMPLETED PREVIOUS PERIOD QTY.	D COMPLETED PREVIOUS PERIOD VALUE	E COMPLETED THIS PERIOD QTY.	E COMPLETED THIS PERIOD VALUE	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED AND STORED TO DATE (D + F)	% COMPLETE (G / C)	H BALANCE TO FINISH (C - G)	I RETAINAGE 0%
	GENERAL													
1	MOBILIZATION	1	LS	$ 36,000.00	$36,000.00	1	$36,000.00	0	$0.00	$0.00	$36,000.00	100%	$0.00	$ -
2	MAINTENANCE OF TRAFFIC	1	LS	$ 3,450.00	$3,450.00	1	$3,450.00	0	$0.00	$0.00	$3,450.00	100%	$0.00	$ -
3	SITE PREPARATION (CLEARING & GRUBBING)	1	LS	$ 9,600.00	$9,600.00	1	$9,600.00	0	$0.00	$0.00	$9,600.00	100%	$0.00	$ -
3A	OVER EXCAVATION (CONTINGENCY)	24	CY	$ 20.00	$480.00	0	$0.00	0	$0.00	$0.00	$0.00	0%	$480.00	$ -
3B	HAULING & DISPOSAL OF UNSUITABLE MATERIL (CONTINGENCY)	24	CY	$ 25.00	$600.00	0	$0.00	0	$0.00	$0.00	$0.00	0%	$600.00	$ -
3C	ASSAND (CONTINGENCY)	24	CY	$ 200.00	$4,800.00	0	$0.00	0	$0.00	$0.00	$0.00	0%	$4,800.00	$ -
Total	**GENERAL**				**$54,930.00**		**$49,050.00**		**$0.00**	**$0.00**	**$49,050.00**		**$5,880.00**	**$0.00**
	WEST SIDE													
4	OFF DUTY TRAFFIC CONTROL OFFICER	60	HR	$ 60.00	$3,600.00	60	$3,600.00	0	$0.00	$0.00	$3,600.00	100%	$0.00	$ -
5	WORK ZONE SIGN	2976	ED	$ 0.40	$1,190.40	2976	$1,190.40	0	$0.00	$0.00	$1,190.40	100%	$0.00	$ -
6	CHANNELIZING DEVICE	9300	ED	$ 0.15	$1,395.00	9300	$1,395.00	0	$0.00	$0.00	$1,395.00	100%	$0.00	$ -
7	ARROWBOARDS/ADVANCE WARNING ARROW PANEL	31	ED	$ 15.00	$465.00	31	$465.00	0	$0.00	$0.00	$465.00	100%	$0.00	$ -
8	SEDIMENT BARRIER	4071	LF	$ 2.00	$8,142.00	4071	$8,142.00	0	$0.00	$0.00	$8,142.00	100%	$0.00	$ -
9	REMOVAL OF EXISTING CONCRETE	68	SY	$ 10.00	$680.00	68	$680.00	0	$0.00	$0.00	$680.00	100%	$0.00	$ -
10	REGULAR EXCAVATION & FILL	1	LS	$ 11,650.00	$11,650.00	1	$11,650.00	0	$0.00	$0.00	$11,650.00	100%	$0.00	$ -
11	SEED & MULCH (CONTINGENCY)	250	SY	$ 2.00	$500.00	250	$500.00	0	$0.00	$0.00	$500.00	100%	$0.00	$ -
12	TYPE B STABILIZATION	5	SY	$ 45.00	$225.00	5	$225.00	0	$0.00	$0.00	$225.00	100%	$0.00	$ -
13	OPTIONAL BASE GROUP	5	SY	$ 125.00	$625.00	5	$625.00	0	$0.00	$0.00	$625.00	100%	$0.00	$ -
14	MILLIING EXISTING ASPHALT	1598	SY	$ 15.50	$24,769.00	1,598	$24,769.00	0	$0.00	$0.00	$24,769.00	100%	$0.00	$ -
15	SUPERPAVE ASPHALTIC CONCRETE TRAFFIC	132.2	TN	$ 425.00	$56,185.00	132.2	$56,185.00	0.0	$0.00	$850.00	$56,185.00	100%	$0.00	$ -
16	PIPE CULVERT STORM 18" RCP	8	LF	$ 65.00	$520.00	8	$520.00	0	$0.00	$0.00	$520.00	100%	$0.00	$ -
17	PIPE CULVERT STORM 24" RCP	122	LF	$ 80.00	$9,760.00	122	$9,760.00	0	$0.00	$0.00	$9,760.00	100%	$0.00	$ -
18	MITERED END SECTION (CROSS DRAIN) ROUND RCP 24"	3	EA	$ 750.00	$2,250.00	3	$2,250.00	0	$0.00	$0.00	$2,250.00	100%	$0.00	$ -
19	MITERED END SECTION (SIDE DRAIN) ROUND RCP 24"	8	EA	$ 850.00	$6,800.00	8	$6,800.00	0	$0.00	$0.00	$6,800.00	100%	$0.00	$ -
20	CLASS 1 CONCRETE (ENDWALLS)	2	CY	$ 2,200.00	$4,400.00	2	$4,400.00	0	$0.00	$0.00	$4,400.00	100%	$0.00	$ -
23	DETECTABLE WARNINGS	452	SF	$ 20.00	$9,040.00	452	$9,040.00	0	$0.00	$0.00	$9,040.00	100%	$0.00	$ -
24	PERFORMANCE TURF, SOD	1236	SY	$ 15.00	$18,540.00	1,236	$18,540.00	0	$0.00	$0.00	$18,540.00	100%	$0.00	$ -

25	SINGLE POST SIGN F&I GROUND MOUNT 12-20 SF	4	AS	$ 500.00	$2,000.00	4	$2,000.00	0	$0.00	$0.00	$2,000.00	100%	$0.00	$ -
26	PAINTED PAVEMENT MARKINGS STANDARD WHITE SOLID FOR CROSSWALK	579	LF	$ 1.80	$1,042.20	579	$1,042.20	0	$0.00	$0.00	$1,042.20	100%	$0.00	$ -
27	THERMOPLASTIC STD 24" FOR STOP BAR	289	LF	$ 6.00	$1,734.00	289	$1,734.00	0	$0.00	$0.00	$1,734.00	100%	$0.00	$ -
28	THERMOPLASTIC STD WHITE MESSAGE	1	EA	$ 600.00	$600.00	1	$600.00	0	$0.00	$0.00	$600.00	100%	$0.00	$ -
29	THERMOPLASTIC PREFORM WHITE SOLID 12"	1417	LF	$ 13.50	$19,129.50	1,417	$19,129.50	0	$0.00	$0.00	$19,129.50	100%	$0.00	$ -
30	THERMOPLASTIC PREFORM WHITE SOLID 24"	1398	LF	$ 26.50	$37,047.00	1,398	$37,047.00	0	$0.00	$0.00	$37,047.00	100%	$0.00	$ -
31	THERMOPLASTIC STD WHITE ARROW	5	EA	$ 120.00	$600.00	5	$600.00	0	$0.00	$0.00	$600.00	100%	$0.00	$ -
32	EXCAVATION FOR STRUCTURES	10	CY	$ 150.00	$1,500.00	10	$1,500.00	0	$0.00	$0.00	$1,500.00	100%	$0.00	$ -
33	SELECT BEDDING MATERIAL	8	CY	$ 125.00	$1,000.00	8	$1,000.00	0	$0.00	$0.00	$1,000.00	100%	$0.00	$ -
34	RIPRAP - SAND CEMENT	10	CY	$ 400.00	$4,000.00	10	$4,000.00	0	$0.00	$0.00	$4,000.00	100%	$0.00	$ -
35	CONCRETE CLASS II BRIDGE SUPERSTRUCTURE	5.9	CY	$ 550.00	$3,245.00	5.9	$3,245.00	0	$0.00	$0.00	$3,245.00	100%	$0.00	$ -
36	REINFORCING STEEL BRUDGE SUPERSTRUCTURE	547	LB	$ 4.00	$2,188.00	547	$2,188.00	0	$0.00	$0.00	$2,188.00	100%	$0.00	$ -
37	PEDESTRIAN/BICYCLE RAILING STEEL 42" TYPE 1	38	LF	$ 202.00	$7,676.00	38	$7,676.00	0	$0.00	$0.00	$7,676.00	100%	$0.00	$ -
38	PIPE HANDARIL GUIDERAIL STEEL	530	LF	$ 110.00	$58,300.00	530	$58,300.00	0	$0.00	$0.00	$58,300.00	100%	$0.00	$ -
39	CONDUIT F&I OPEN TRENCH	806	LF	$ 13.00	$10,478.00	806	$10,478.00	0	$0.00	$0.00	$10,478.00	100%	$0.00	$ -
40	CONDUIT F&I DIRECTIONAL BORE	1090	LF	$ 30.00	$32,700.00	1,090	$32,700.00	0	$0.00	$0.00	$32,700.00	100%	$0.00	$ -
41	SIGNAL CABLE NEW OR RECONSTRUCTED INTERSECTION	2	PI	$ 6,400.00	$12,800.00	2	$12,800.00	0	$0.00	$0.00	$12,800.00	100%	$0.00	$ -
42	PULL & SPLICE BOX, F&I 13" X 24" COVER SIZE	28	EA	$ 971.00	$27,188.00	28	$27,188.00	0	$0.00	$0.00	$27,188.00	100%	$0.00	$ -
43	ALUMINUM SIGNALPOLES PEDESTAL	14	EA	$ 1,680.00	$23,520.00	14	$23,520.00	0	$0.00	$0.00	$23,520.00	100%	$0.00	$ -
44	PEDESTRIAN SIGNAL F&I LED COUNTDOWN 1 WAY	12	AS	$ 820.00	$9,840.00	12	$9,840.00	0	$0.00	$0.00	$9,840.00	100%	$0.00	$ -
45	PEDESTRIAN SIGNAL F&I LED COUNTDOWN 2 WAY	2	AS	$ 1,375.00	$2,750.00	2	$2,750.00	0	$0.00	$0.00	$2,750.00	100%	$0.00	$ -
46	LOOP DETECTOR INDUCTIVE F&I TYPE 10	2	EA	$ 450.00	$900.00	2	$900.00	0	$0.00	$0.00	$900.00	100%	$0.00	$ -
47	LOOP DETECTOR INDUCTIVE REMOVE CABINET TO REMAIN	2	EA	$ 100.00	$200.00	2	$200.00	0	$0.00	$0.00	$200.00	100%	$0.00	$ -
48	LOOP ASSEMBLY F&I TYPE B	8	AS	$ 975.00	$7,800.00	8	$7,800.00	0	$0.00	$0.00	$7,800.00	100%	$0.00	$ -
49	LOOP ASSEMBLY F&I TYPE F	13	AS	$ 1,175.00	$15,275.00	13	$15,275.00	0	$0.00	$0.00	$15,275.00	100%	$0.00	$ -
50	PEDESTRIAN DETECTOR F&I STANDARD	16	EA	$ 300.00	$4,800.00	16	$4,800.00	0	$0.00	$0.00	$4,800.00	100%	$0.00	$ -

51	TRAFFIC CONTROLLER ASSEMBLY MODIFY	2	AS	$ 1,100.00	$2,200.00	2	$2,200.00	0	$0.00	$0.00	$2,200.00	100%	$0.00	$ -
52	CHANGE ORDER #1	1378	SY	$ 15.00	$20,670.00	1,378	$20,670.00	0	$0.00	$0.00	$20,670.00	100%	$0.00	$ -
53	CHANGE ORDER #2	1	LS	$ 73,946.77	$73,946.77	0	$0.00	1	$73,946.77	$0.00	$73,946.77	100%	$0.00	$ -
Total	WEST SIDE				$621,310.87		$550,814.10		$0.00		$624,760.87		-$3,450.00	$0.00
TOTAL	PAY REQUEST #9 (GENERAL ITEMS & WESTSIDE)				$676,240.87		$599,864.10		$0.00		$673,810.87		$2,430.00	$0.00

MAP SHOWING TOPOGRAPHIC SURVEY OF

A PORTION OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 31, TOWNSHIP 1 SOUTH, RANGE 28 EAST, DUVAL COUNTY, FLORIDA



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SURVEY DATA
PROJECT TYPE
FIELD BOOK NO.
PAGE
LOCATION
LAST DATE IN FIELD 10/12/2022

CITY OF JACKSONVILLE
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION, 214 N. HOGAN STREET, 10TH FLOOR, JACKSONVILLE, FL 32202 (904)255-8750

PROJECT NO.
DATE 12/08/2022
SCALE 1"=30'

FIRE STATION 76
TOPOGRAPHIC SURVEY

SHEET NO. 1-01
OF 1
DRAWING NO.
DRAWING REF.

GENERAL NOTES

1) PRIOR TO BEGINNING EXCAVATION CONTRACTOR SHALL PROVIDE & MAINTAIN ADEQUATE EROSION & TURBIDITY CONTROLS DURING & FOLLOWING CONSTRUCTION UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED TO AVOID ADVERSE ENVIRONMENTAL IMPACTS TO OFF SITE PROPERTY DRAINAGE SYSTEM AND WETLANDS

2) ELEVATIONS BASED ON N G V D

3) THE CONTRACTOR SHALL OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT THE CITY WILL OBTAIN THE SITE CLEARING PERMIT

4) ALL WORK AND MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH THE CITY OF JACKSONVILLE STANDARD SPECIFICATIONS AND THE J E A WATER AND SEWER STANDARDS, DETAILS AND MATERIALS MANUAL (LATEST EDITIONS)

5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL/DISPOSAL OF ANY UNSUITABLE MATERIAL FROM HIS OPERATION AND FURNISHING AND COMPACTING SUITABLE REPLACEMENT BACK FILL MATERIAL

6) THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AS-BUILT DRAWINGS, TEST REPORTS AND OTHER INFORMATION AS REQUIRED TO VERIFY AND CERTIFY COMPLETION OF THE PROJECT AND OBTAIN PROJECT APPROVAL & ACCEPTANCE BY GOVERNMENTAL AGENCIES

7) REFER TO THE SPECIFICATION BOOK AND TO DRAWING C-03 FOR SITE SODDING REQUIREMENTS

8) THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF PAVING AND ALL OTHER STRUCTURES WITH ALL OTHER UTILITIES

9) THE CONTRACTOR SHALL LOCATE, VERIFY AND IDENTIFY ALL EXISTING UNDERGROUND UTILITIES SHOWN OR NOT SHOWN ON THE PLANS PRIOR TO ANY EXCAVATING ACTIVITIES

10) THE CONTRACTORS SHALL NOTIFY ALL APPLICABLE UTILITIES COMPANIES 48 HOURS PRIOR TO INITIATING AN EXCAVATION WITHIN STREET R O W OR AS REQUIRED BY THE UTILITIES COMPANIES

11) IT IS THE RESPONSIBILITY OF THE SITE CONTRACTOR TO CONFIRM IN THE FIELD THE LOCATION OF THE EXISTING UTILITIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES CAUSED BY HIS OPERATIONS

12) UTILITY CONTACTS THE FOLLOWING UTILITY CONTACT IS PROVIDED

CITY OF JACKSONVILLE TRAFFIC ENGINEERING	Chris LeDew 904-255-7533
CITY TRAFFIC SUPERVISOR	Ronald Thigpen, 904-255-8704
	P K. Patel, 904-899-4976
AT&T/ DISTRIBUTION	James Graham 904-509-8472
COMCAST CABLE COMMUNICATIONS INC	
JACKSONVILLE ELECTRIC AUTHORITY JEA-WS&U WATER & SEWER	
	William Haywood C 904-673-6134
	O 904-296-7754
JEA DISTRIBUTION AND TRANSMISSION	Ryan Heaton, 904-665-6171

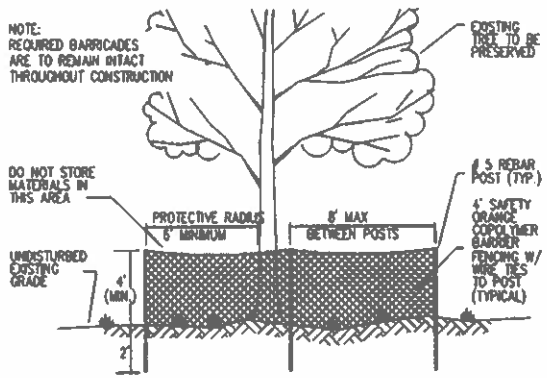
13) THE CITY PLACED A SUNSHINE STATE ONE CALL DESIGN TICKET (No 312804373-000) AND CONTACTED THE UTILITY COMPANIES INDICATED IN GENERAL NOTE No 12 TO UPDATE THEIR INFORMATION THE CONTRACTOR IS RESPONSIBLE FOR PLACING A CONSTRUCTION TICKET AND FOR NOTIFYING THE RIGHT OF WAY USERS AS INDICATED IN THE GENERAL NOTES No 6 9, 10 11 AND 12

ADDITIONAL NOTES

1 CODES REGULATING DEMOLITION WORK SHALL BE COMPLIED WITH - THE CONTRACTOR SHALL PUT UP AND MAINTAIN SUCH BARRIERS AND WARNING LIGHTS, AS MAY BE NECESSARY OR REQUIRED BY CODE, TO PROTECT AND PREVENT UNAUTHORIZED PERSONNEL FROM ENTERING THE DEMOLITION WORK AREA. ALL DEMOLITION OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OSHA) INSOFAR AS THEY APPLY TO DEMOLITION WORK TO BE PERFORMED UNDER THIS CONTRACT

2 DISPOSAL OF EXISTING EQUIPMENT AND DEBRIS - ALL DEBRIS AND EXISTING MATERIALS AND EQUIPMENT SHALL BE HAULED AWAY AND DISPOSED OF BY THE CONTRACTOR THE CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS FOR OBTAINING DISPOSAL AREAS THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT SPILLAGE OF MATERIALS BEING HAULED IN PUBLIC STREETS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY CLEAN UP ANY SPILLAGE WHICH MAY ACCIDENTALLY OCCUR

3 CLEANUP THE CONTRACTOR SHALL MAINTAIN AN ORDER OF NEATNESS AND GOOD HOUSEKEEPING TOOLS, SCAFFOLDING AND OTHER DEMOLITION EQUIPMENT MUST AT ALL TIMES BE KEPT IN A NEAT AND ORDERLY ARRANGEMENT AT THE CONCLUSION OF THE DEMOLITION OPERATIONS, THE ENTIRE WORK AREA SHALL BE LEFT IN A CLEAN CONDITION AS REQUIRED FOR SUBSEQUENT NEW WORK.



TREE PROTECTION FENCE

a A temporary barrier shall be constructed to prevent disturbance of the soil a minimum of six (6) feet from the trunk at any point or an area equal to fifty (50) percent of the area within the drip line The barriers shall remain in place throughout construction

b The developer shall not cause or allow the cleaning of equipment, storage or disposal of materials or waste materials such as paint solvents asphalt, concrete mortar or any other material that may endanger the health of trees or vegetation within the drip line of protected trees

c The protected area shall be maintained at its original grade with no trenching or cutting of any roots and there shall be no storage of fill or compaction of soil In no event shall motorized vehicles or equipment be allowed to park on or traverse that area within the drip line of protected trees nor shall any dirt or other materials be stored within the barriers

d No attachment wires (other than protective guy wires) signs or permits shall be fastened to a tree

e All cleaning and grubbing within protected tree area will be done with hand tools only

f All root systems outside the protective radius which occur in areas of proposed improvements shall be pruned by a qualified tree surgeon prior to excavation

g Developers shall post signs governing tree removal The sign shall be not less than two (2) feet by two (2) feet in size and shall contain the following

PROTECTED TREES
ALL TREES MARKED TO BE SAVED ARE PROTECTED BY THE APPLICABLE LAND DEVELOPMENT CODES ANY PERSON DAMAGING ANY MARKED TREES WILL BE SUBJECT TO A FINE OF UP TO $250 00 PER DAY AND A STOP WORK ORDER

h Standards for protection of trees on disturbed sites are contained in the publication "Tree Protection Manual for Builders and Developers" published by the Florida Department of Agriculture and Consumer Services latest edition, and available through the Florida Department of Agriculture Division of Forestry

TREE PROTECTION NOTES

General During construction, protect from damage all existing trees designated to remain by erecting and maintaining tree protection barricades where shown and as required by the City Site Clearing Permit

Storage of Materials and Storage Keep stored materials equipment and vehicles at least 20 feet from the drip-line of existing trees shown to remain

Site Clearing Permit, Tree Protection Comply with the tree protection requirements of the City Building Inspection Division and the contract documents Prior to land clearing or demolition operations, complete the following (1) obtain site clearing permit from the City, (2) erect tree protection barricades where shown and as required by the site clearing permit and (3) request and pass tree barricade inspection required by the City Maintain tree barricades in good condition Remove barricades when landscaping begins

Protect tree roots within the tree drip-line from spills or run-off of noxious material such as paint petroleum products and chemicals in solution that can be harmful to plants Burning of construction debris within the site limits is prohibited

Tree Removal and Clearing Remove trees as designated and legally dispose of debris Remove trees in a manner that will not damage preserved trees DO NOT BURY TREE REMOVAL DEBRIS ON THE SITE Obtain approval from the Engineer before disturbing or removing any preserved tree

Tree Pruning Engage a tree surgeon who is licensed and insured to perform tree pruning Comply with recognized pruning standards of the industry Prune branches to the branch collar - do not leave branch stubs Cut branches with sharp pruning instruments-do not break or chop Before beginning other site work, including demolition prune preserved trees to clear for construction and for vehicular or pedestrian circulation Provide the following branch clearance above the ground

a 12 feet above vehicular areas

b 5 feet above building roof elevations,

8 feet above other site areas

Extend tree pruning operation to restore the natural shape of the tree If preserved trees are damaged during construction, repair promptly and as directed by the Engineer

Trenching Where trenching is required within the drip-line of a preserved tree, hand-dig under the major lateral roots Cut minor roots with sharp pruning tools - do not break or chop

Excavating for Structures and Pavement If tree roots are encountered when excavating for new structures, saw cut roots approximately 6" back from the edge of the structure-do not break or chop

Replacement of Damaged or Removed Preserved Trees Unless previously approved by the Engineer, replace preserved trees that have been removed or that, in the Engineer's opinion, have been significantly damaged by construction Significant damage shall be when any one of the following conditions occur

extensive soil compaction or soil contamination within the preserved portions of the tree drip-line,

over 4" of fill covering over 25% of the root zone within the preserved portions of the tree drip-line,

excavation that removes over 25% of the root zone within the preserved portions of the tree drip-line,

damage to major tree branches,

a trunk wound with a width that exceeds 10% of the trunk circumference, or

a tree displaying signs of poor health after the beginning of construction and during the one year warranty period of the building

If the Engineer determines that a preserved tree has been significantly damaged by construction or removed without approval, then the contractor shall provide replacement trees for preserved trees that have been damaged or removed Replacement trees shall be 4" caliper and of the species approved by the Engineer The total number of new replacement 4" trees shall be determined by dividing the DBH of the each tree being replaced by 4, rounded off to the nearest whole number Remove damaged or declining trees at no additional cost to the City

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

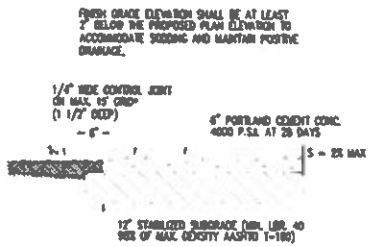
ENGINEER OF RECORD:
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
10/17/2022	MCW	2022-0055

TEMPORARY FIRE STATION № 76
GENERAL NOTES

SHEET NO. C-1.0



NOTE:

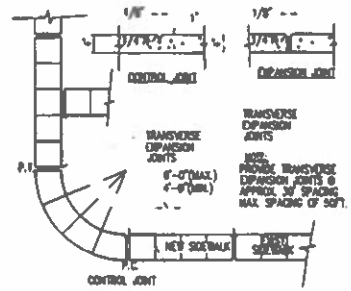
1. SAW CUT CONTROL JOINTS AS SOON AS POSSIBLE

NOTES:

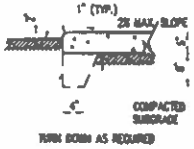
1. ALL ½" JOINTS SHALL BE CONSTRUCTED WITH PREFORMED JOINT FILLER. ½" OPEN JOINTS PLACED AT EQUAL (20' MAX) INTERVALS FOR DRIVEWAYS OVER 20' WIDE. JOINTS IN CURB AND GUTTER TO MATCH JOINTS IN DRIVEWAYS.
2. SEE CITY STANDARD DETAILS (PLATE P-100), FDOT STANDARD INDEX 305 AND 515 FOR JOINT DETAILS.

PARTIAL CONCRETE DRIVEWAY & ADA PARKING TYPICAL SECTION

NOT TO SCALE



FINISH GRADE ELEV. SHALL BE AT LEAST 2" BELOW 2" BELOW THE PROPOSED PLAN ELEV. TO ACCOMMODATE SODDING AND MAINTAIN POSITIVE DRAINAGE.

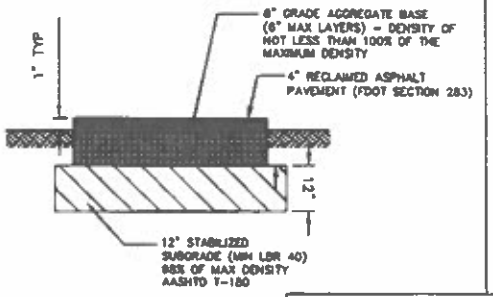


NOTES:

1) SIDEWALK TO BE 5" THICK.
2) EXPANSION JOINT TO BE PLACED EVERY 10', SAWCUT EVERY 6'.

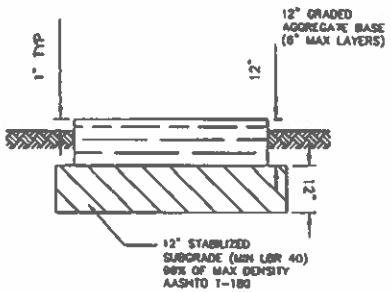
TYPICAL SIDEWALK DETAILS

NOT TO SCALE



RAP & GRADED AGGREGATE BASE

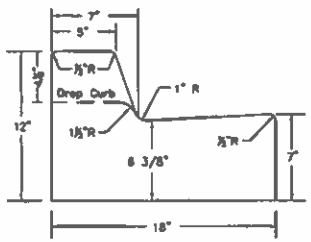
NOT TO SCALE



DRIVEWAY & PARKING AREAS (ONE OF THESE 2 DETAILS)

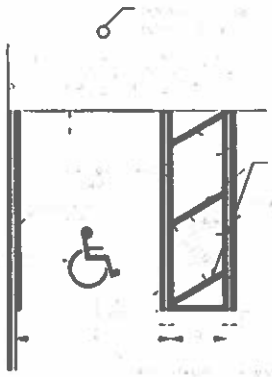
GRADED AGGREGATE BASE (DRIVEWAYS)

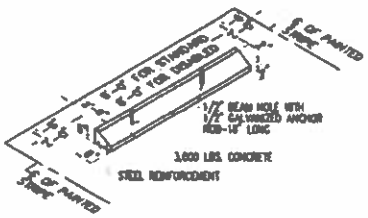
NOT TO SCALE



CITY STANDARD CURB DETAIL

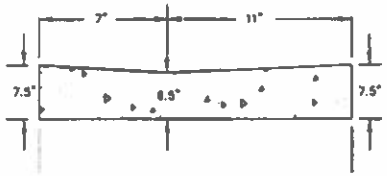
NOT TO SCALE





PRECAST CONCRETE WHEEL STOP

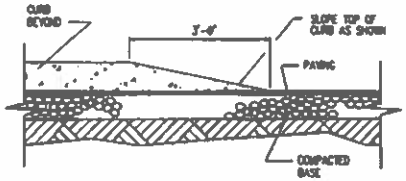
NOT TO SCALE



(MIN. 3500 PSI CONC.)

TYPICAL VALLEY CURB DETAIL

NOT TO SCALE



CURB TAPER DETAIL

NOT TO SCALE

ADA PARKING & SYMBOL OF ACCESSIBILITY

NOT TO SCALE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

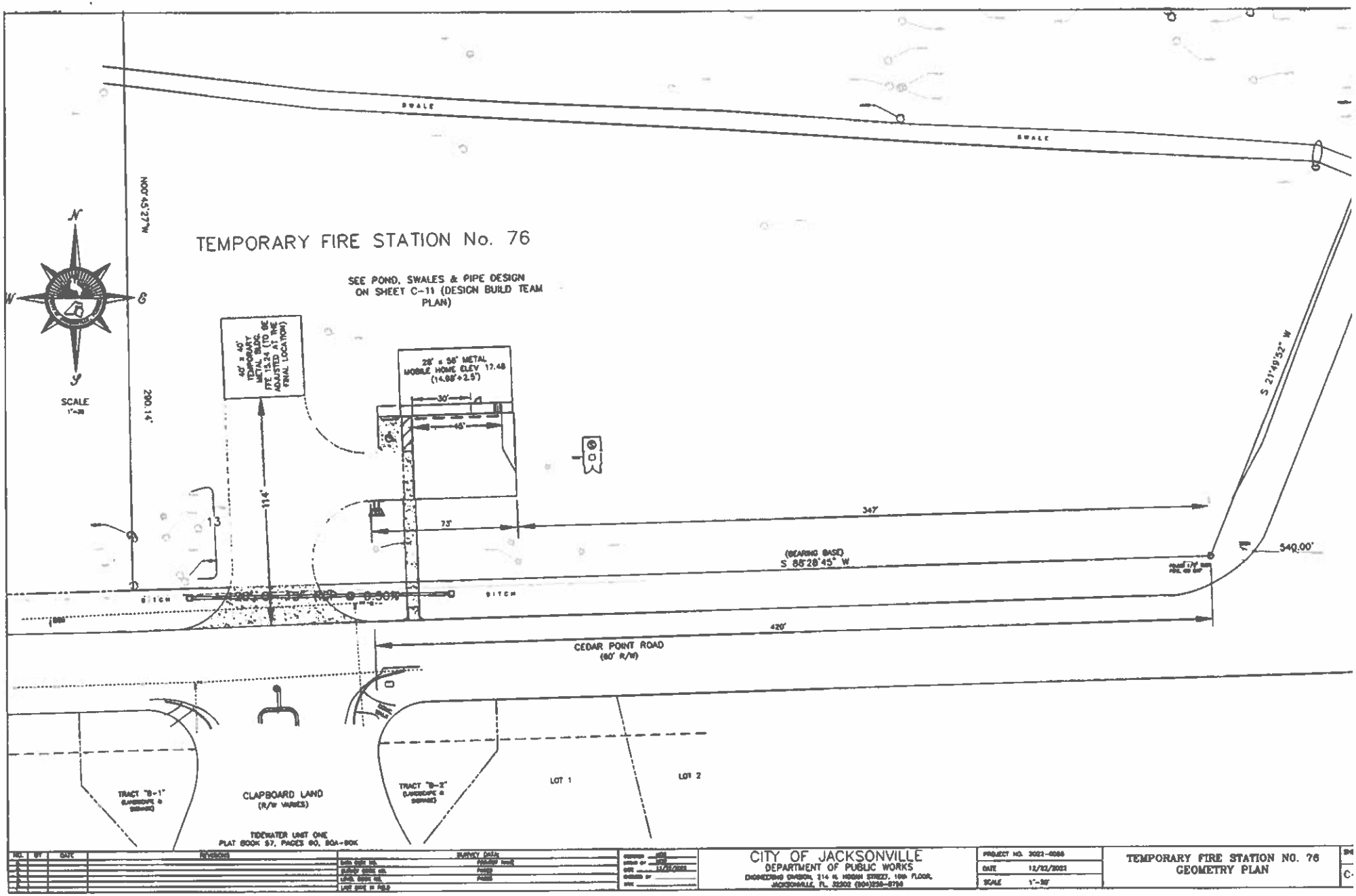
ENGINEER OF RECORD:
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
10/17/2022	MCW	2022-0055

TEMPORARY FIRE STATION № 76
DETAILS

SHEET NO. C-2.0



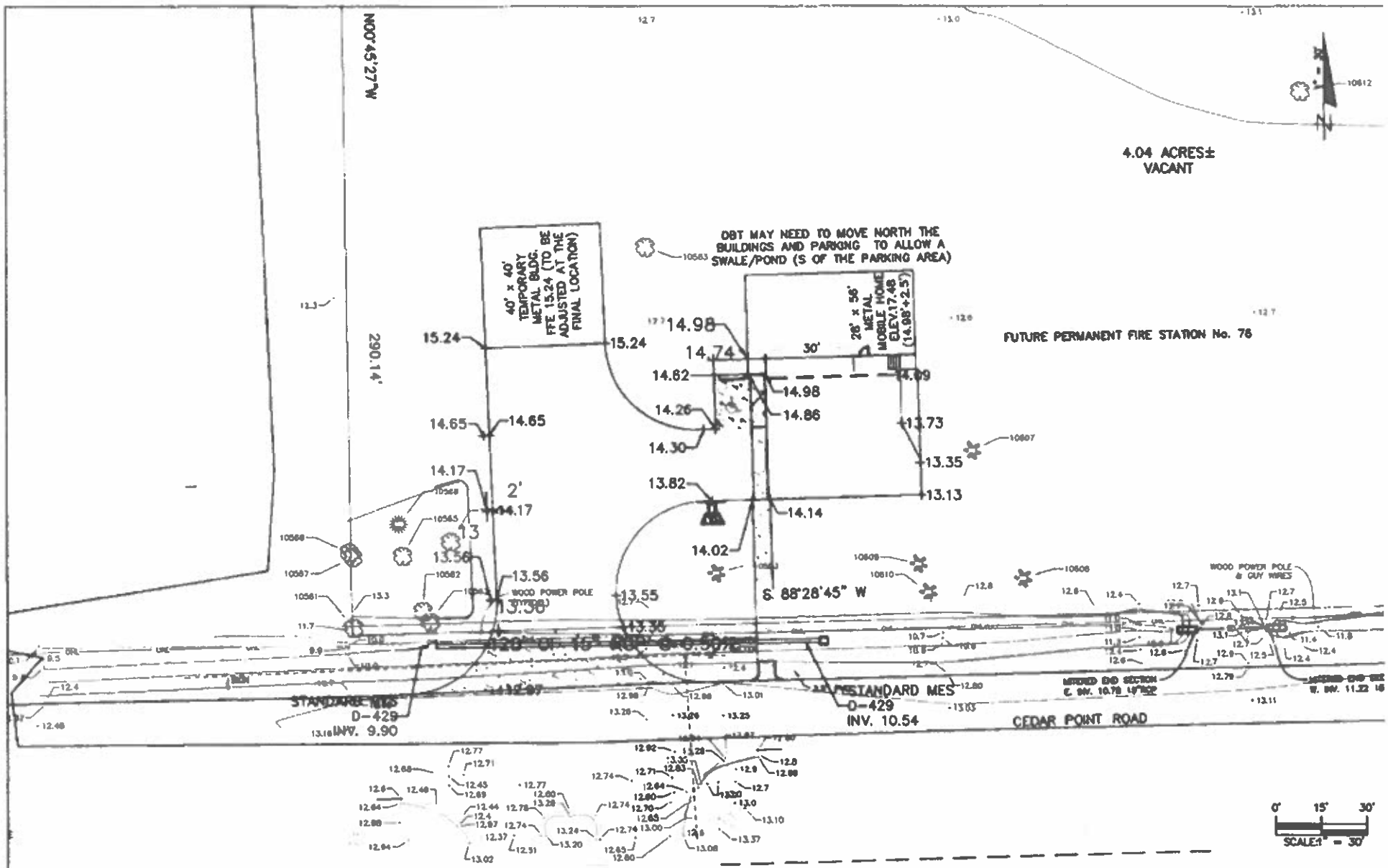
NO.	BY	DATE	REVISIONS

SURVEY DATA

CITY OF JACKSONVILLE
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION, 214 N. HOGAN STREET, 10th FLOOR, JACKSONVILLE, FL. 32202 (904)630-8798

PROJECT NO. 2022-0000
DATE 12/22/2022
SCALE 1"=30'

TEMPORARY FIRE STATION NO. 76
GEOMETRY PLAN



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

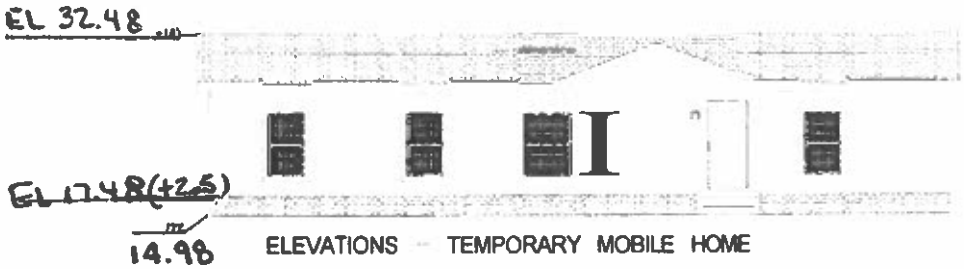
ENGINEER OF RECORD:
MARIA C. WILLIAMS, P.E. #50116
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

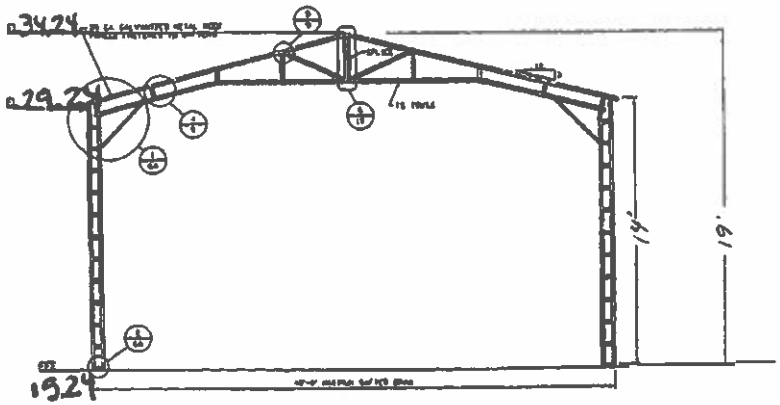
DATE	DRAWN BY	PROJECT #
3/10/2023	MCW	2022-0055

TEMPORARY FIRE STATION Nº 76
GRADING PLAN

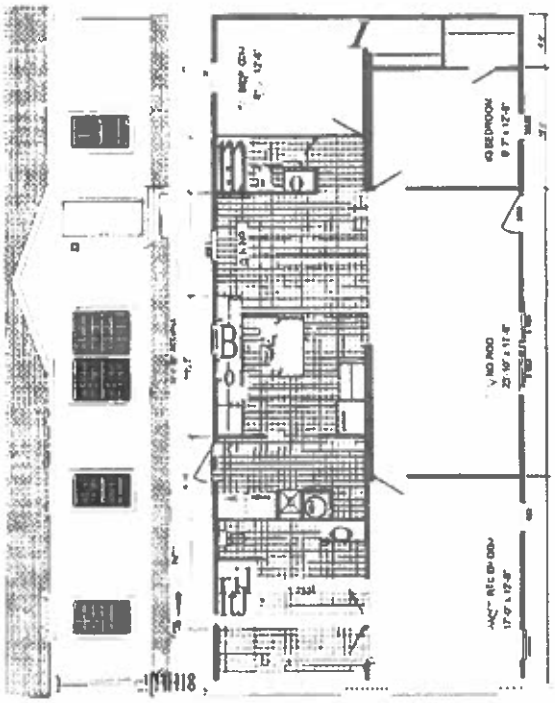
SHEET NO. C-4.0



ELEVATIONS - TEMPORARY MOBILE HOME



ELEVATIONS - TEMPORARY METAL BUILDING



REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
MARIA C WILLIAMS, P.E #50118
CITY OF JACKSONVILLE
214 N HOGAN ST
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

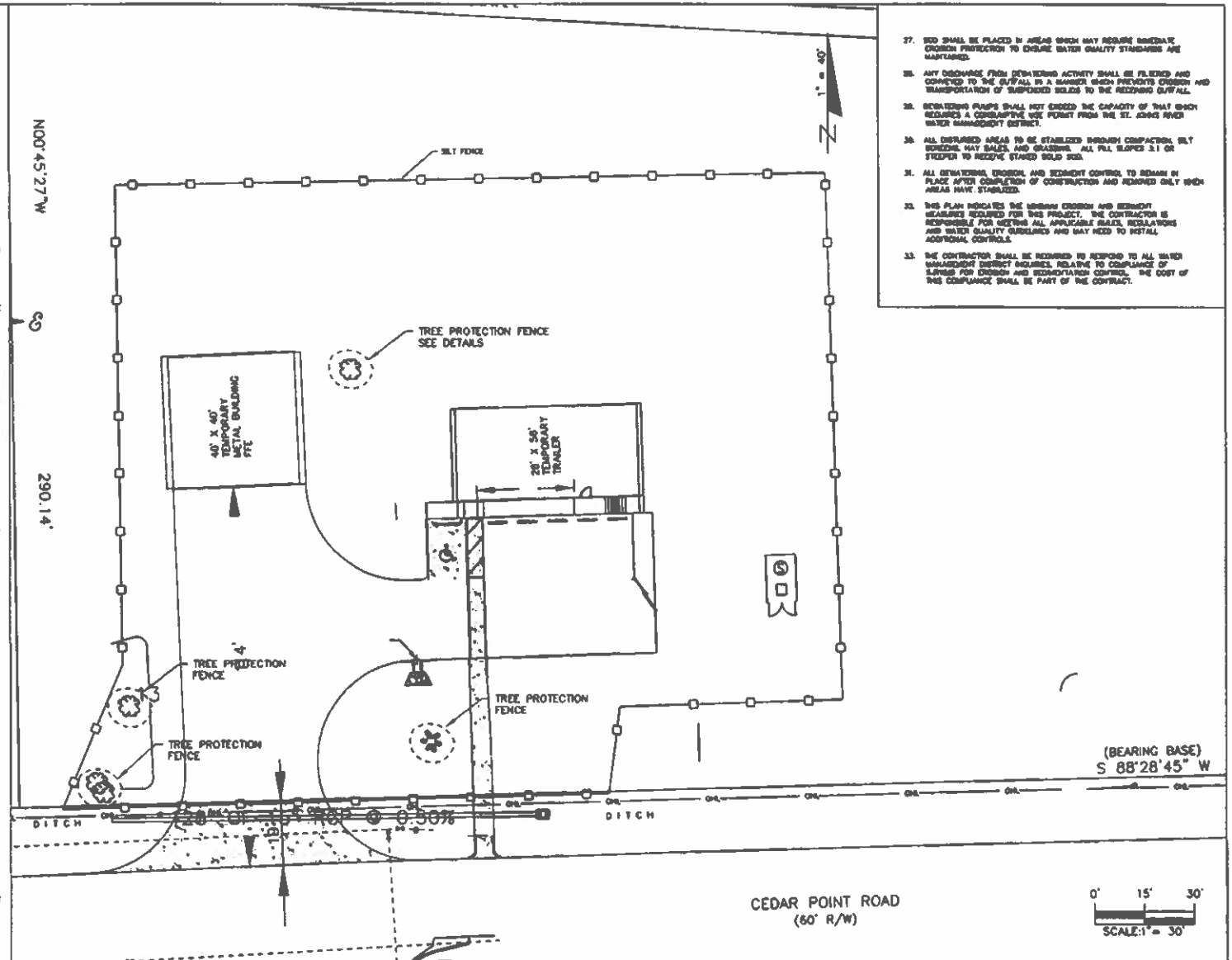
DATE	DRAWN BY	PROJECT#
2/5/2023	MCW	2022-0055

TEMPORARY FIRE STATION NO 76
MOBILE HOME & METAL BUILDING
DETAILS & ELEVATIONS

SHEET NO
C-4.1

EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REMOVABLE ON-SITE, AND ADDRESSING PLAN ALIGNMENT AND GRADE ON ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL PROTECTION – ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNFORESEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED.
6. FOOT NO. 1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED IN D-403. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
8. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
9. BALES SHALL BE PLACED LONGWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
10. THE FILTER BARRIER SHALL BE TRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 6 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
11. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
12. LOOSE STRAW SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM EVENTS BETWEEN BALES.
13. STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
14. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
15. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
16. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
17. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
18. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
19. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
20. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
21. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
22. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/3 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
23. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
24. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL – A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (F.D.E.R.) CHAPTER 6.
25. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAIL SHEET FOR TYPICAL CONSTRUCTION.
26. ALL DISTURBED AREAS SHALL BE GRADED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
27. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
28. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
29. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
30. ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, HAY BALES, AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOLID SOD.
31. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE STABILIZED.
32. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
33. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRIES, RELATIVE TO COMPLIANCE OF SURVEY FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

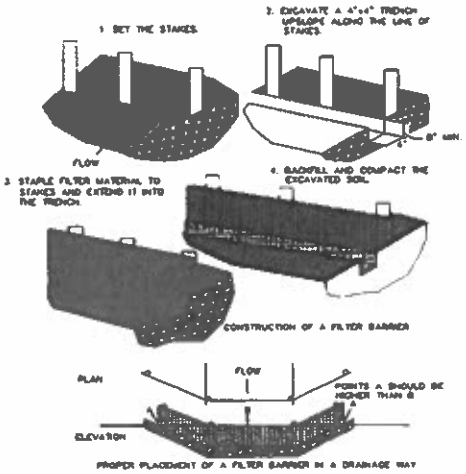
CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
2/7/2023	AMT	2018-0118

TEMPORARY FIRE STATION № 76
DEMOLITION &
SEDIMENT CONTROL PLAN

SHEET NO. C-5.0

Williams, Maria 3/24/2023 7:34:00 PM G:\DP\Work\PW Stations\FS 76\TEMPORARY\FOR COUNCIL 01-25-2023\C-5.0_T FS76_demo updated.dwg



FILTER BARRIER CONSTRUCTION DETAIL

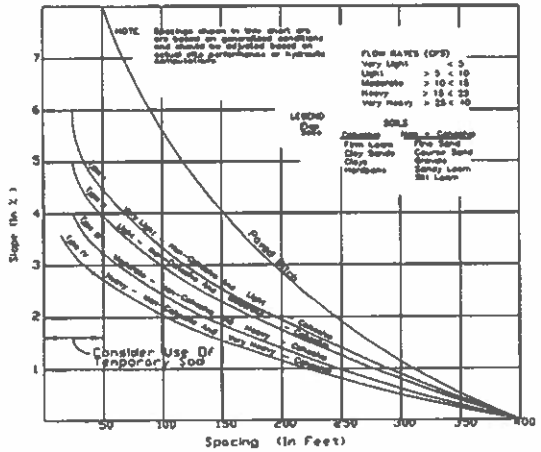


CHART 1

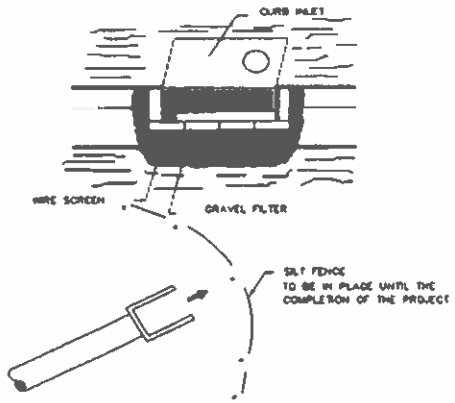
RECOMMENDED SPACING FOR TYPE I, TYPE II, TYPE III AND TYPE IV SILT FENCES

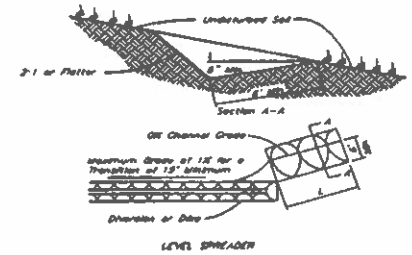
SPACING RECOMMENDATION FOR SILT FENCES

N.T.S.

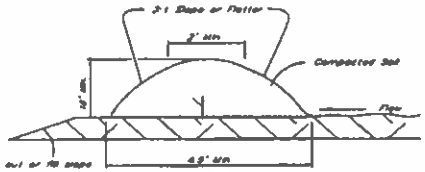
OUTLET PROTECTION

N.T.S.



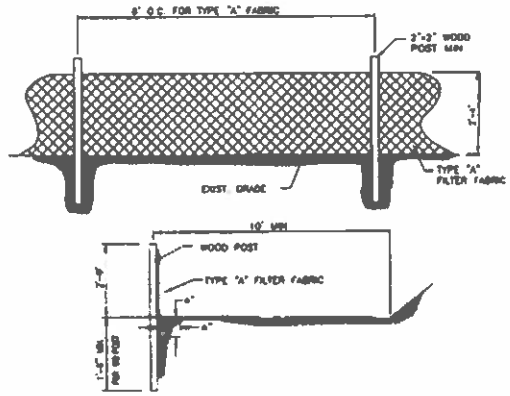


LEVEL SPREADER

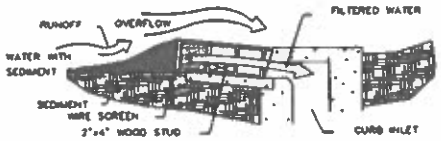


TEMPORARY DIVERSION DIKE

DIVERSION DIKE



TEMPORARY SILT FENCE



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

BLOCK + GRAVEL CURB INLET SEDIMENT FILTER

N.T.S.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

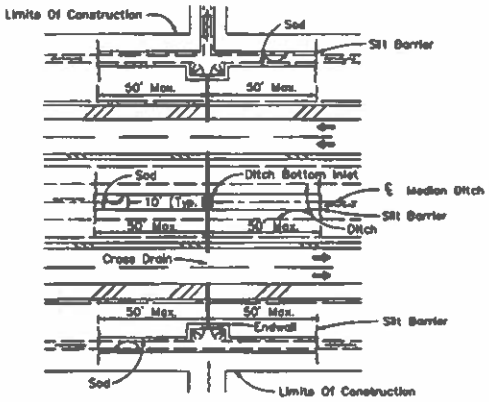
DATE	DRAWN BY	PROJECT #
/31/2023	RKG	

TEMPORARY FIRE STATION № 76
SEDIMENT & EROSION CONTROL

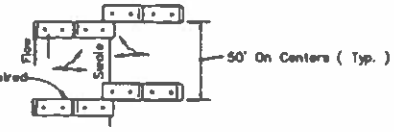
SHEET NO
C-5.2

Gabriel Rojahn 2/1/2023 8:09:30 AM

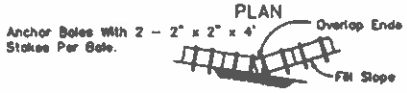
C:\Dir\clients\Fire Stations\FS 76\FOR COUNCIL 01-25-2023\C-5.0_T FS76_erosion control.dwg



DITCH INSTALLATIONS AT DRAINAGE STRUCTURES

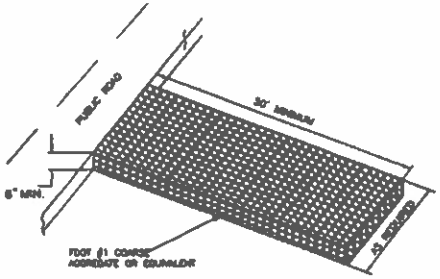


PLAN



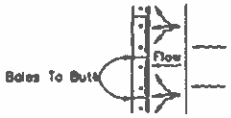
ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

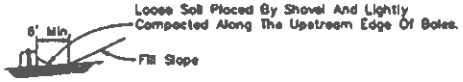


STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



PLAN

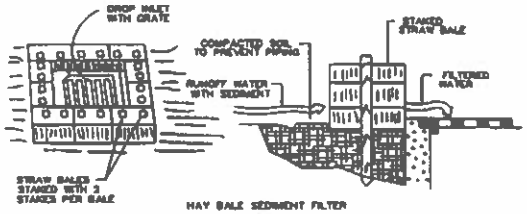


ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

BARRIERS FOR FILL SLOPES

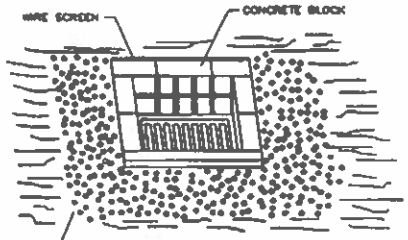
NOTE: SEE HAY BALE LOC. (0-001)
N.T.S.

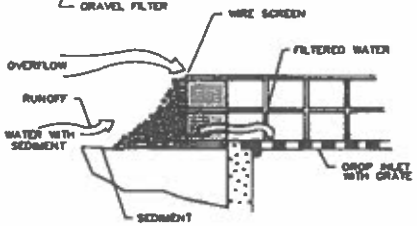


HAY BALE SEDIMENT FILTER

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT), WHERE SHEET OR OVERLAND FLOW (NOT CONCENTRATED FLOW) AND ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS A STREET OR HIGHWAY GUTTER.



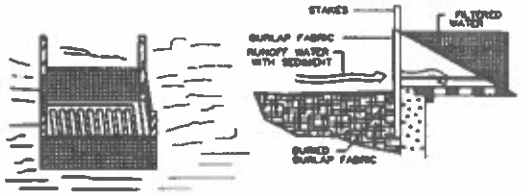


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.

BLOCK + GRAVEL DROP INLET SEDIMENT FILTER

N.T.S.



FABRIC SEDIMENT FILTER

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT), WHERE SHEET OR OVERLAND FLOW (NOT CONCENTRATED FLOW) AND ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS A STREET OR HIGHWAY GUTTER.

DROP INLET SEDIMENT TRAP

N.T.S.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST
JACKSONVILLE, FL 32202

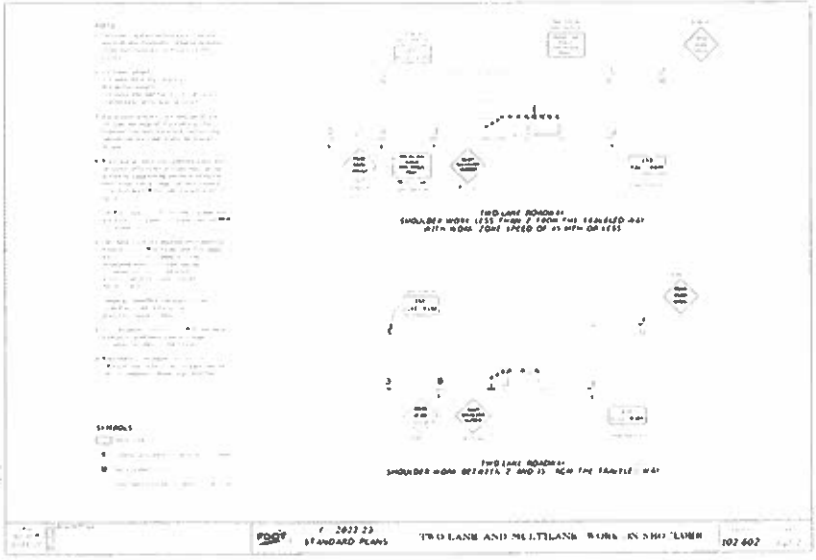
CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

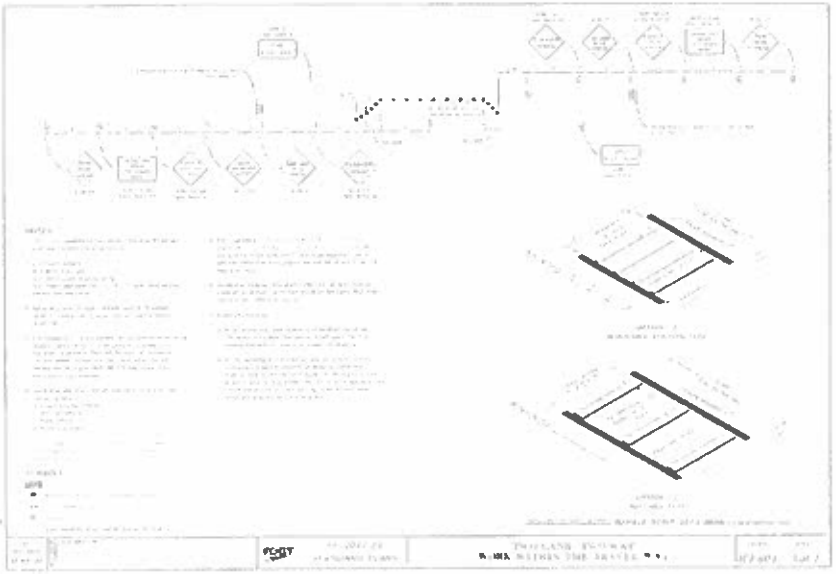
DATE	DRAWN BY	PROJECT #
1/31/2023	RKG	

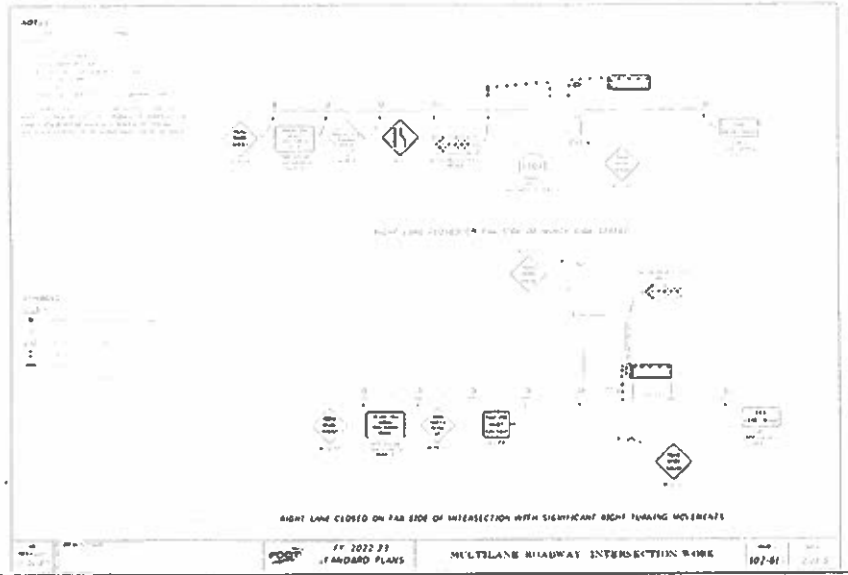
TEMPORARY FIRE STATION № 76
SEDIMENT & EROSION CONTROL

SHEET NO. C-53

Tuesday, May 1/31/2023 1:52:46 PM







MAINTENANCE OF TRAFFIC NOTES:

1. THE CONTRACTOR SHALL SUBMIT A PHASING PLAN WITH A PROPOSED CONSTRUCTION SCHEDULE TO COJ TRAFFIC ENGINEERING AND TO JTRO PRIOR TO BEGINNING CONSTRUCTION.
2. ANY MODIFICATION TO THE TEMPORARY TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE CITY TRAFFIC ENGINEERING DIVISION FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION.
3. THE CONTRACTOR SHALL NOTIFY THE TRAFFIC ENGINEERING DIVISION (904-255-7333) A MINIMUM OF 5 WORKING DAYS PRIOR TO THE IMPLEMENTATION OF MOT. THIS SHALL BE THE CASE AT EACH OF THE PROJECT WORK SITES.
4. THE PROJECT WORK HOURS SHALL BE BETWEEN 7:00 AM AND 7:00 PM ON RESIDENTIAL STREETS AND BETWEEN 9:00 AM AND 4:00 PM ON COLLECTOR OR ARTERIAL STREETS.
5. NO LANE CLOSURES ARE ALLOWED FROM 7:00 AM TO 9:00 AM OR FROM 4:00 PM TO 7:00 PM MONDAY THROUGH FRIDAY
6. ACCESS TO SIDE STREETS, PRIVATE DRIVEWAYS, AND COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
7. THE CONTRACTOR SHALL CONFIRM THAT EXISTING SIGNAGE WILL NOT POSE A CONFLICT FOR WORK ZONE TRAFFIC CONTROL. THE CONTRACTOR SHALL COVER OR REMOVE ALL SIGNING IN CONFLICT WITH THE TRAFFIC CONTROL DURING CONSTRUCTION OPERATIONS.
8. IF SIGNS ARE DAMAGED DURING CONSTRUCTION ACTIVITY, THE CONTRACTOR IS REQUIRED TO REPLACE THEM IMMEDIATELY IN ACCORDANCE WITH CURRENT CITY STANDARD SPECIFICATIONS AT NO ADDITIONAL COST TO THE OWNER.
9. THE CITY OF JACKSONVILLE PROHIBITS MID-BLOCK CROSSINGS OF PEDESTRIANS. WHEN AN ALTERNATE PAVED PEDESTRIAN ROUTE IS NOT FEASIBLE, THE CONTRACTOR SHALL MAINTAIN A 4-FT. WIDE STABLE PEDESTRIAN PATHWAY IN ACCORDANCE WITH FDOT INDEX 102-660.
10. DUST CONTROL MEASURES SHALL BE IMPLEMENTED ON ALL UNPAVED SURFACES UNTIL PAVED.
11. THIS REVIEW APPROVAL IS FOR CITY OF JACKSONVILLE MAINTAINED RIGHT-OF-WAY ONLY.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

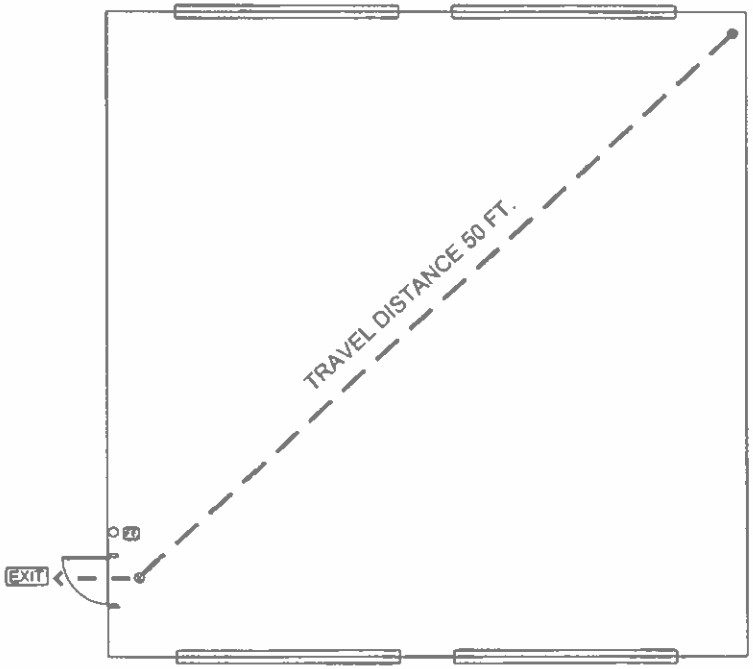
ENGINEER OF RECORD:
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE PUBLIC WORKS DEPARTMENT		
DATE	DRAWN BY	PROJECT NO.
1/27/23	MCW	PW2022-0065

TEMPORARY FIRE STATION # 76
TRAFFIC CONTROL PLAN

SHEET NO. C-60

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003 F.A.C.



LIFE SAFETY PLAN

7TH EDITION FLORIDA FIRE CODE BASED ON NFPA, 1 FIRE CODE 2020 EDITION & NFPA 101 LIFE SAFETY - CODE 2020 EDITION

CLASSIFICATION BY OCCUPANCY STORAGE UNIT GROUP S-2

MIXED OCCUPANCY NO SEPARATION OCCUPANCY NONE

TYPE OF CONSTRUCTION
PROTECTED UNPROTECTED X

SPRINKLED YES NO X

BUILDING VARIABLES	REQUIRED & ALLOWED	PROVIDED
BUILDING HEIGHT & HEIGHT INCREASE		14
NUMBER OF STORIES		1
BUILDING AREA / FLOOR AREA INCREASES		[illegible]
OCCUPANCY LOAD / FLOOR AREA PER FLOOR		[illegible]
ASSEMBLY TOTAL SEATING / PERSON		N/A
EGRESS WIDTH / PERSON		[illegible]
LENGTH OF DEAD END		0
MAXIMUM DISTANCE TO AN EXIT		50
MAXIMUM NUMBER OF EXITS		1
FIRE PROTECTION REQUIREMENTS STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, TRUSSES		0
BEARING WALLS - EXTERIOR / INTERIOR		0
NONBEARING WALLS AND PARTITIONS - EXTERIOR / INT		0
NONBEARING WALLS AND PARTITIONS - INTERIOR		0
FLOOR CONSTRUCTION - INCLUDING SUPPORTING BEAMS & JOISTS		0
ROOF CONSTRUCTION - INCLUDING SUPPORTING BEAMS & JOISTS		0

LIFE SAFETY PLAN GENERAL NOTES

A. IN ACCORDANCE WITH FFPC-LSC 7.2.1.5, ALL EXIT DOOR LEAVES SHALL BE ARRANGED TO BE OPENED READILY FROM THE EGRESS SIDE WHENEVER THE BUILDING IS OCCUPIED.

B. IN ACCORDANCE WITH FFPC-LSC 7.2.1.5.3, LOCKS (INCLUDING ELECTRONIC LOCKSETS WITH ACCESS CONTROL) SHALL NOT REQUIRE THE USE OF A KEY, A TOOL, OR SPECIAL KNOWLEDGE OR EFFORT.

C. ALL DOORS AND FINISH HARDWARE SHALL BE COMPLIANT WITH THE REQUIREMENT OF THE FLORIDA BUILDING CODE 7TH EDITION (2020).

LIFE SAFETY PLAN LEGEND

— →	MAXIMUM TRAVEL DISTANCE
EXIT	EXIT DOOR
FE	FIRE EXTINGUISHER W/ BRACKET (MULTI-PURPOSE CHEMICAL TYPE, UL 4A-80BC, 10-LB)

REVISIONS				
NO	BY	DATE	DESCRIPTION	STAMP

ENGINEER OF RECORD
MARIA C. WILLIAMS, P.E. #50[illegible]8
CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

TEMPORARY FIRE STATION 76
LIFE SAFETY & FIRE CODE

C-7.0

PROJECT: TEMPORARY FIRE STATION #76

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
TO BE COMPLETED EVERY 7 DAYS AND WITHIN 24 HOURS OF
A RAINFALL EVENT OF 0.25 INCHES OR MORE

INSPECTOR _____ DATE _____

INSPECTOR'S QUALIFICATIONS:

DATE SINCE LAST RAINFALL _____ AMOUNT OF LAST RAINFALL _____ INCHES

STABILIZATION MEASURES

INSPECTION AREA (DESCRIPTION OF LOCATION)	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED ? (YES/NO)	STABILIZED WITH	CONDITION

STABILIZATION REQUIRED:

TO BE PERFORMED BY _____ ON OR BEFORE: _____

PAGE 1 OF 4

PROJECT: TEMPORARY FIRE STATION #76

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
STRUCTURAL CONTROLS

DATE: _____

EARTH DIKES/SWALES

DIKE OR SWALE	FROM	TO	IS DIKE/SWALE STABILIZED ?	IS THERE EVIDENCE OF WASHOUT OR OVERTOPPING

MAINTENANCE REQUIRED FOR EARTH DIKE/SWALE:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

CATCH BASIN/SLOPE INLET/OUTFALL TURBIDITY CONTROLS

STRUCTURE/ OUTFALL	ARE TURBIDITY CONTROLS IN PLACE	ANY EVIDENCE OF CLOGGING/WASHOUT OR BYPASSING ?	ARE TURBIDITY CONTROLS IN NEED OF REPLACING	HOW MUCH MUST BE REMOVED FROM AROUND CONTROL

MAINTENANCE REQUIRED FOR CATCH BASIN/SLOPE INLETS/OUTFALLS TURBIDITY CONTROLS:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PAGE 2 OF 4

PROJECT: TEMPORARY FIRE STATION #76

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
SEDIMENT BASIN

DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SINCE BASIN	ANY EVIDENCE OF OVERTOPPING OF THE EMBANKMENT ?	CONDITION OF OUTFALL FROM SEDIMENT BASIN

MAINTENANCE REQUIRED FOR SEDIMENT BASIN:

TO BE PERFORMED BY _____ ON OR BEFORE: _____

OTHER CONTROLS
STABILIZED CONSTRUCTION ENTRANCE

DOES MUCH SEDIMENT GET TRACKED ON TO ROAD ?	IS THE GRAVEL CLEAN OR IS IT FILLED WITH SEDIMENT?	DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE TO LEAVE THE SITE ?	IS THE TOPSOIL BENEATH THE ENTRANCE WASHED (IF APPLICABLE)

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE:

TO BE PERFORMED BY _____ ON OR BEFORE: _____

PAGE 3 OF 4

PROJECT: TEMPORARY FIRE STATION #76

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

REASONS FOR CHANGES:

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE _____

DATE _____

PAGE 4 OF 4

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

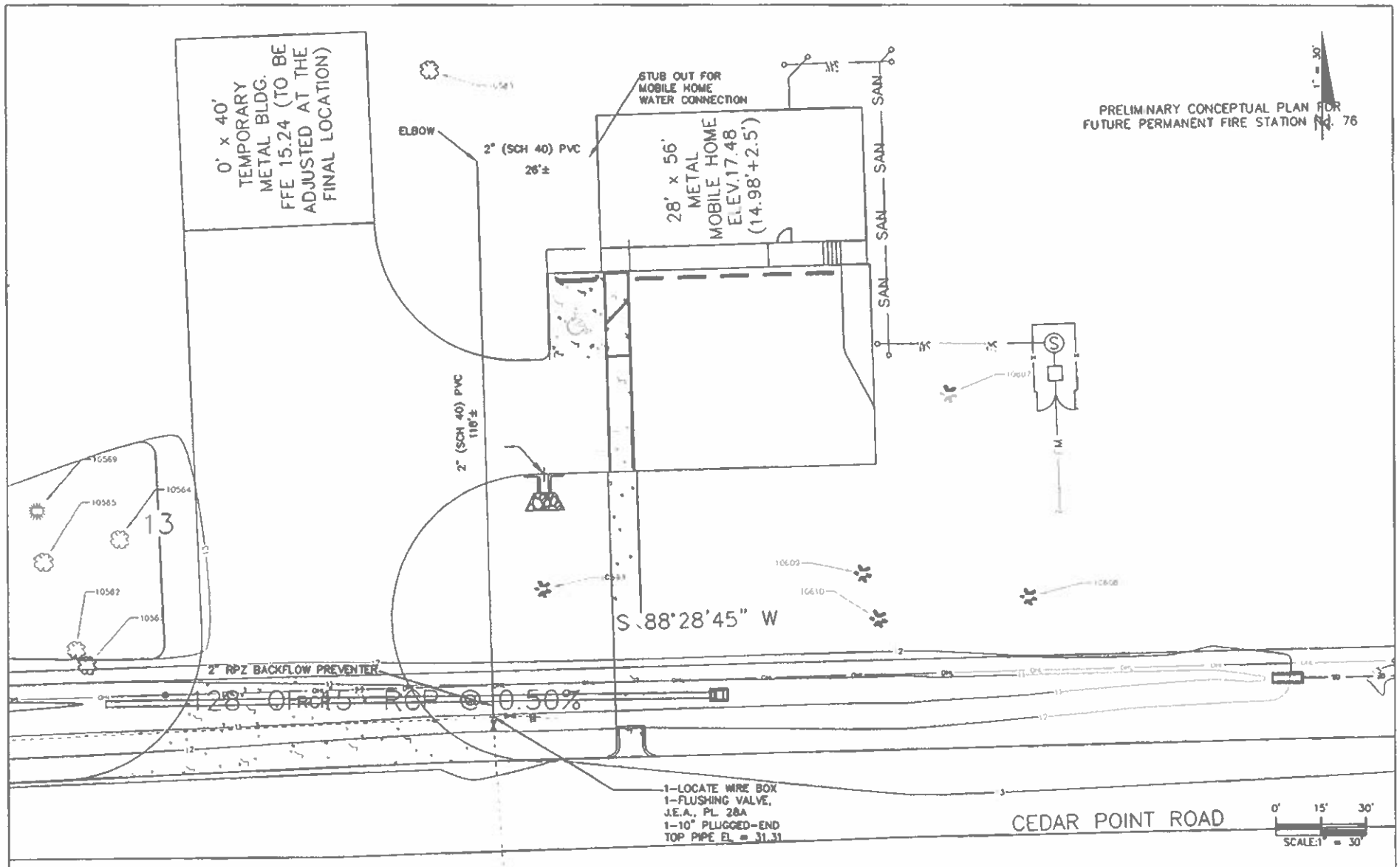
ENGINEER OF RECORD:
MARIA C. WILLIAMS, P.E. #50118
CITY OF JACKSONVILLE
214 N. HOGAN ST
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
	MCW	

TEMPORARY FIRE STATION Nº 76
STORM WATER POLLUTION
PREVENTION PLAN

SHEET NO
C-8.0



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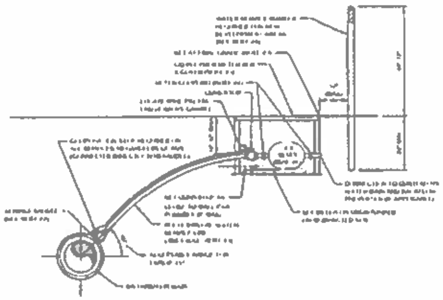
CITY OF JACKSONVILLE
214 N HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
3/24/2023	MCW	2022-0055

TEMPORARY FIRE STATION Nº 76
UTILITY PLAN

SHEET NO.
C-9.0



WATER SERVICE DETAIL- 2" AND SMALLER METER

JANUARY 2021 PLATE W-2

HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS

	PROPOSED UTILITY											
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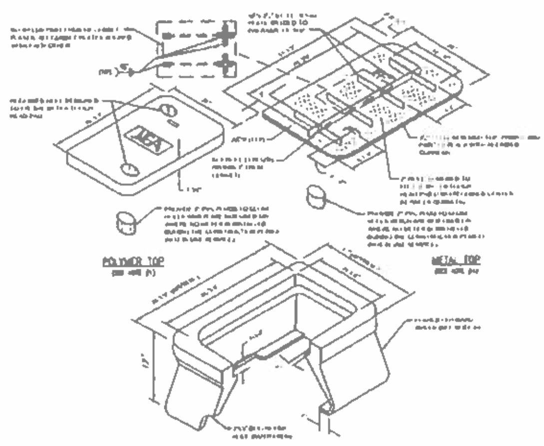
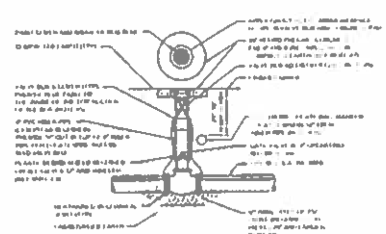
SEPARATION REQUIREMENTS FOR
WATER, WASTEWATER AND RECLAIMED WATER MAINS

JANUARY 2021 PLATE W-10



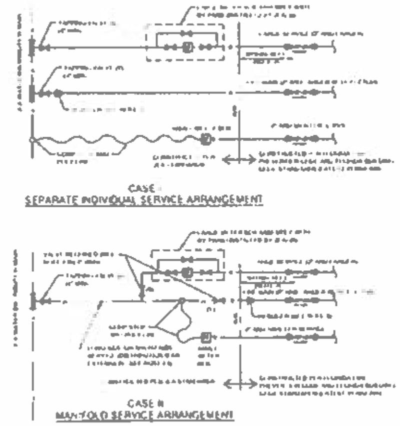
WATER METER BOX & COVER FOR
1-1/2" AND 2" METERS

JANUARY 2021 PLATE W-4



WATER VALVE INSTALLATION DETAIL

JANUARY 2021 PLATE W-16



KEY

WATER SERVICE MANIFOLD ARRANGEMENT

JANUARY 2021 PLATE W-6

NOTES ON UTILITY SEPARATION REQUIREMENTS

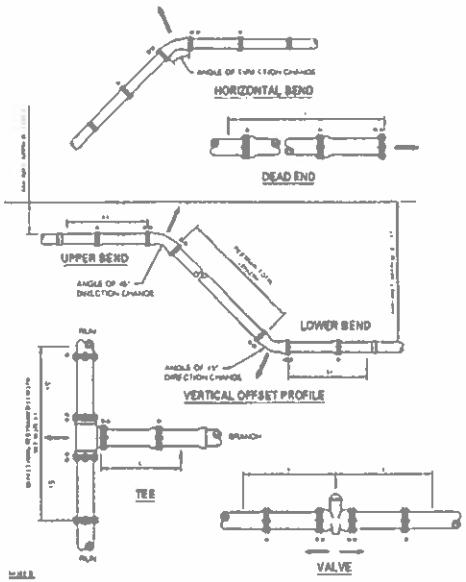
JANUARY 2021 PLATE W-11

JEA 2021 STANDARD DETAILS

SCALE	CITY OF JACKSONVILLE FLORIDA DEPARTMENT OF PUBLIC WORKS			TEMPORARY FIRE STATION # 76	
N.T.S.	DATE 11/30/22	DRAWN BY	PROJECT #	SITE UTILITY DETAILS	C9.

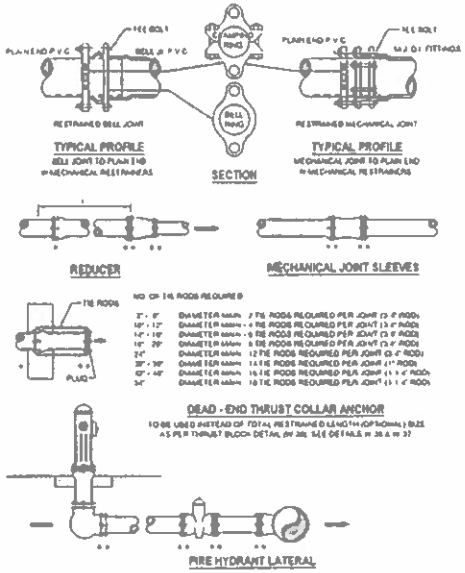
PVC PIPE RESTRAINT JOINT SCHEDULE

JANUARY 2021 PLATE W-31A



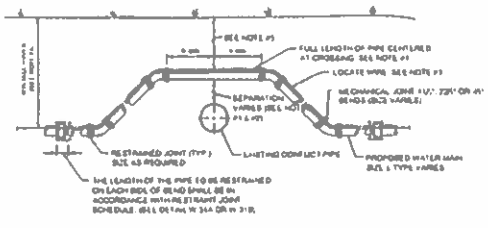
MECHANICAL RESTRAINT DETAILS - II

JANUARY 2021 PLATE W-31D



MECHANICAL RESTRAINT DETAILS - I

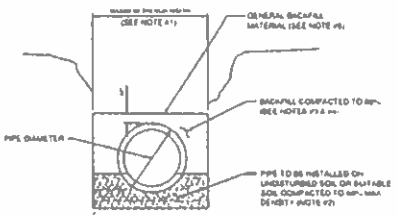
JANUARY 2021 PLATE W-31C



CASE "A" CROSSING

ADJUSTMENT OVER EXISTING UTILITIES MECHANICAL RESTRAINTS

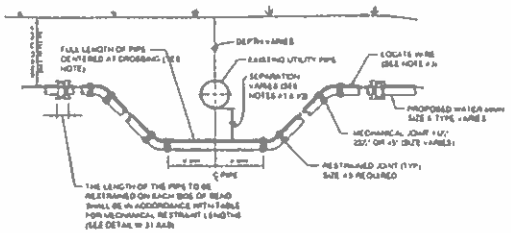
JANUARY 2021 PLATE W-32



TYPICAL TRENCH

OPEN CUT TRENCH FOR PRESSURE PIPE

JANUARY 2021 IN CITY RIGHT -OF-WAY PLATE W-47



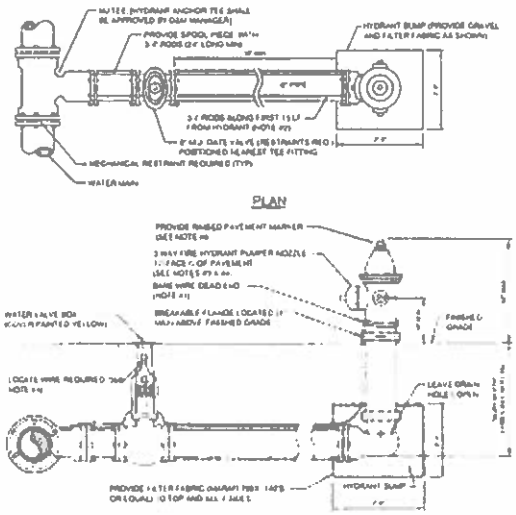
CASE "B" CROSSING

ADJUSTMENT UNDER EXISTING UTILITIES MECHANICAL RESTRAINTS

JANUARY 2021 PLATE W-34

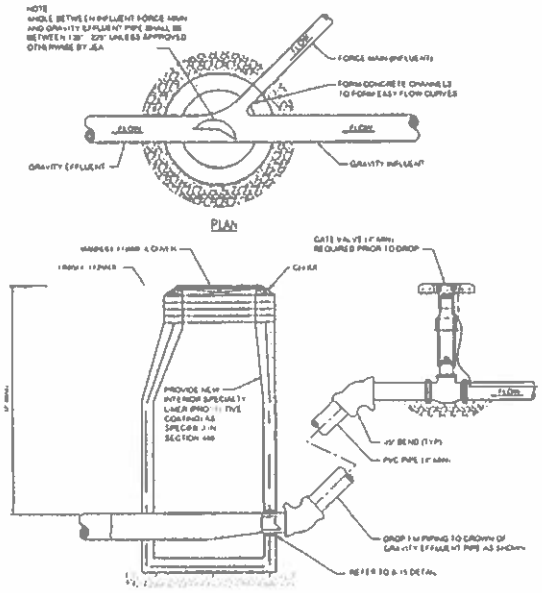
JEA 2021 STANDARD DETAILS

SCALE: NTS	CITY OF JACKSONVILLE, FLORIDA DEPARTMENT OF PUBLIC WORKS	TEMPORARY FIRE STATION # 76	C9.
	DATE: 11/30/23	SITE UTILITY DETAILS	



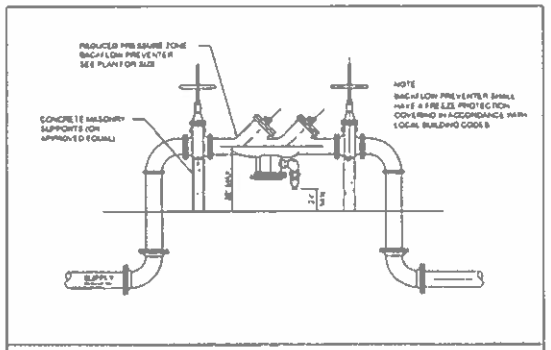
FIRE HYDRANT INSTALLATION
USING MECHANICAL JOINT TEE

JANUARY 2021 PLATE W-13

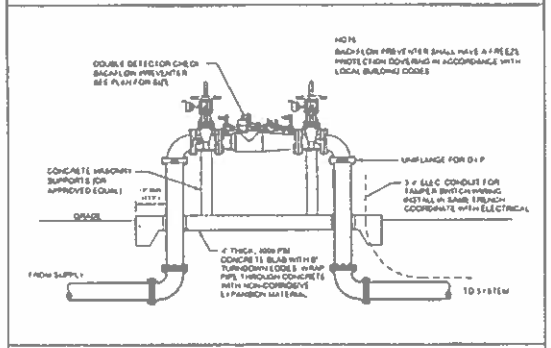


TYPICAL FORCE MAIN CONNECTION TO MANHOLE

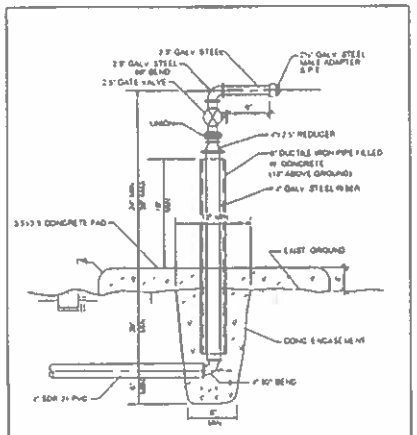
JANUARY 2021 PLATE S-18



BACKFLOW PREVENTER INSTALLATION DETAIL



DOUBLE DETECTOR CHECK BACKFLOW PREVENTER DETAIL



FIRE HOSE BIBB DETAIL

JEA 2021 STANDARD DETAILS

REVISIONS					
REV. NO.	DATE	DESCRIPTION	REV. NO.	DATE	DESCRIPTION
1			4		
2			5		
3			6		

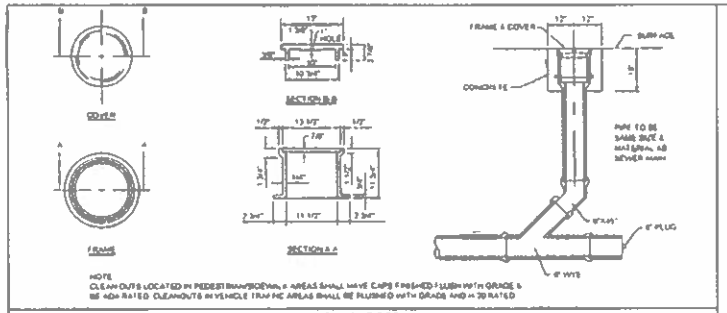
SCALE: NTS

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

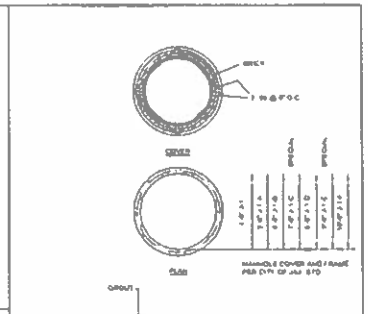
DATE	DRAWN BY	PROJECT #
11/30/22	[illegible]	2022-0006

TEMPORARY FIRE STATION # 76
SITE UTILITY DETAILS

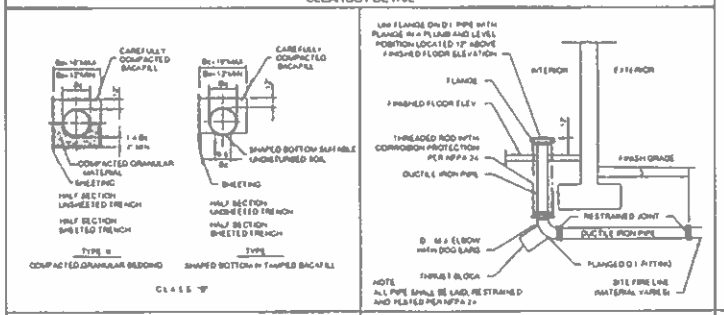
SHEET NO. C-9



CLEANOUT DETAIL



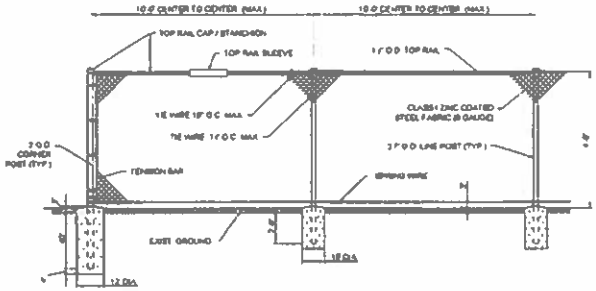
STORM SEWER MANHOLE DETAIL



BEDDING DETAIL

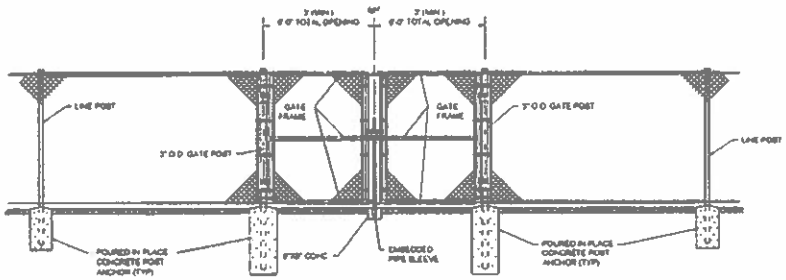
SPRINKLER RISER DETAIL

	SCALE	CITY OF JACKSONVILLE, FLORIDA DEPARTMENT OF PUBLIC WORKS	TEMPORARY FIRE STATION # 76 SITE UTILITY DETAILS
	NTS	DATE 11/30/22 · DRAWN BY · PROJECT #	C9



CHAIN LINK FENCE & CORNER POST DETAIL

POLYETHYLENE LINED PRECAST CONCRETE TOP SLAB TO BE OF 4,000 P.S.I. CONCRETE WITH HATCH OPENING CENTERED on WEYHILL UNLESS



GATE DETAIL

REV. NO.	DATE	DESCRIPTION	REV. NO.	DATE	DESCRIPTION
1			4		
2			5		
3			6		

SCALE: NTS

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE | DRAWN BY | PROJECT #

TEMPORARY FIRE STATION # 76

PUMP STATION FENCING

SHEET NO. C-9

OWNER'S REQUIREMENTS

Site Description

Erosion and Sediment Control Issues

Project Name and Location
FIRE STATION #76
4737 LANIER RD
JACKSONVILLE, FL 32210

Owner Name and Address
CITY OF JACKSONVILLE
214 N HOGAN ST 10TH
JACKSONVILLE, FL 32202

Description
NEW BUILDING WITH ON-SITE
PARKING AND DRIVEWAY TO ACCOMMODATE
FACILITY AND VEHICLES

Latitude & Longitude
Lat 30 22 28.27 N
Long -81 -07 31.76 W

Site Adjacent Activities and Infrastructure
RESTAURANT BUILDING AND PARKING AREA
AND ASSOCIATED INFRASTRUCTURE

Permit Contact Numbers
1 Pre-Construction = X
2 During-Construction = X
3 Post-Construction = X

Soils
Sand Clay See Soil Study

Site Maps
1 See Grading and Planting & Drainage Plans for grades, areas of soil disturbances and site flow/flow discharge points
2 See attached SWPPP for location of temp. stabilization measures and BMP locations
3 See SWPPP appendix and notes for requirements for contractor and subcontractor responsibilities

Site Area
1 Total area of site 0.45 of acres
2 Total area to be disturbed = 0.4 acres

Name of receiving waters
St Johns River

1 Anticipated start date of construction XX 2021
2 Anticipated end of construction XX/2021

Controls

This plan offers best management practices to control erosion and turbidity created by storm water run off. An erosion and turbidity plan has been prepared to instruct the contractor on procedures of these controls. It is the contractors responsibility to install and maintain the controls put forth on site by complying this plan in preparing the project construction as required by federal, state and local laws. Refer to "Contractors Responsibility" for a more description of the contractor that may be implemented

Storm Water Management

Sediment Basins

Temporary settling basins will be installed as needed to provide additional turbid runoff storage. A sediment basin's primary purpose will be dependent on site to site and contract dependent. Refer to the contractor's SWPPP for specifications. There are no single point discharges as noted by the project

Timing of Controls / Measures

Refer to "Contractors Responsibility" for the timing of implementation

Certification of Compliance with Federal, State and Local Regulations

In compliance with federal, state and local laws related to storm water management and erosion and turbidity control, the following permits have been requested for use or prior to commencement of construction:

C E R Dredge & Fill # _____

C O E Dredge & Fill # _____

S J R W M D M S S W Permit # _____

N P D E S Permit # _____

Pollution Prevention Plan Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed _____ Owner/Operator

Date _____

CONTRACTOR'S REQUIREMENTS

General

The contractor shall at a minimum implement the erosion and sediment control measures and stormwater control as the Erosion and Turbidity Control Plan. In addition the contractor shall implement additional measures meant to be in compliance with approved permit conditions and state water quality standards. Depending on the nature of materials and methods of construction the contractor may be required to add measures to the retention system prior to pouring the foundation slab structure

Sequence of Major Activities

The order of activities will be as follows:

1 Install sediment control silt fence
2 Install silt fences and hay bales as required
3 Clear and grub for diversion excavation and temporary berm
4 Construct sedimentation basin
5 Continue clearing and grubbing
6 Strip and fill site if required
7 Perform preliminary grading on site as required
8 Stabilize disturbed areas and stockpiles as soon as practicable
9 Install utilities where needed during fill/cut
10 Apply base to project
11 Complete grading and install permanent stormwater and parking
12 Complete final paving
13 Remove sedimentation control from basins
14 When all construction activity is complete and the site is stabilized remove any temporary sediment control devices and stormwater as required

Timing of Controls / Measures

As indicated in the Sequence of Major Activities, the silt fences and hay bales, sediment control devices and erosion and sediment basin will be installed prior to clearing or grubbing of any other portions of the site. Stabilization measures shall be applied as soon as practical to portions of the site where earth work activities have temporarily or permanently ceased. Once disturbed areas activity ceases permanently or on site that area and be stabilized permanently in accordance with the plans. After the entire site is stabilized the sedimentation basin will be dewatered with the sediment traps and the earth embankments will be regraded/removed and stabilized in accordance with the Erosion & Turbidity Control Plan

Controls

It is the contractors responsibility to implement the Erosion and Turbidity Controls as shown on the Erosion and Turbidity Control Plan. It is also the contractors responsibility to ensure these controls are properly installed maintained and functioning properly to prevent turbid or polluted water from leaving the project site. The contractor will adjust the Erosion and Turbidity Controls shown on the Erosion and Turbidity Control Plan and add additional control measures as needed to ensure the best quality job. Refer to state and local erosion and turbidity control requirements. The following best management practices will be implemented by the contractor as required by the Erosion and Turbidity Control Plan and as required to meet the erosion and turbidity requirements proposed on the project site by the regulatory agencies

Erosion and Sediment Control
Installation Practices

1 Hay Bale Barrier: Hay bale barriers can be used further downstream areas subject to sheet and rill erosion with the following limitations
A. Where the maximum slope behind the barrier is 33 percent.
B. In areas having an area where the maximum contributing drainage area is no greater than 2 acres
C. Where concentration is required for less than 3 months
D. Every effort should be made to keep the use of these bale barriers concentrated at low locations or at certain where there is the possibility of a concentrated or relocation measures should be taken to properly direct flows to proper control structure

2 Silt Fence Barrier: Silt fence barriers can be used further downstream areas subject to sheet and rill erosion with the following limitations
E. Where the maximum slope behind the barrier is 33 percent.
F. In areas subject to sheet flow where the maximum contributing drainage area is no greater than 2 acres

3 Brush Barrier with Silt Fence: Brush barrier may be used further downstream areas subject to sheet and rill erosion where enough vegetal material is available on site

4 Level Spreader: A level spreader may be used where sediment free water runoff is concentrated and an area away from the project or area only unstabilized should be used. The protection applied area or those situations where the spreader can be constructed on undisturbed soil and the area below the level is stabilized. The water should not be allowed to concentrate after spreader

5 Stockpiling Material: All excavated material shall be stabilized or such a method as to prevent runoff during of the project site and any adjacent water body, or storm water collection to site

6 Exposed Area Limitation: The surface area of open non-stabilized soil to should by clearing and grubbing operations or excavation and filling soil should not be over 10 acres. The requirements may be waived for large projects with an Erosion Control Plan which demonstrates the feasibility of additional areas and not significantly affect off site erosion or sedimentation

7 Inlet Protection: Inlets and catch basins which discharge directly off site shall be protected from sediment water which runoff and the stabilization of all perimeter downstream. Inlet Plan Sediment Barriers to the inlet

8 Temporary Sediment Areas: Areas cleared by construction equipment and that are not anticipated to be to be excavated or disturbed and requires final grading treatment within 30 days shall be seeded with a quick growing grass species which will provide an early cover during the month of April a planted and not had other operations with the permanent planting

Controls (Cont.)

9 Temporary Seeding and Mulching: Areas cleared than 5 ha that lies within the category established in Paragraph E above shall commencing rapidly stabilizing of exposed surfaces. Include temporary measures of mulch, mulch and other the cost of the contractor or contractor to prevent erosion of sand and mulch

10 Temporary Grassing: The seeding or seeding and mulching of areas which the water and subsoil or hydrostatic or other multiple methods if required to ensure optimum growing conditions for the establishment of a good grass cover. Temporary grassing shall be the same as permanent required for permanent grassing in the contract specifications.

11 Temporary regrassing: If after 14 days from seeding, the temporary grassed areas have not produced a minimum of 50 percent uniform good grass cover the area will be reworked and additional seed applied sufficient to establish the desired vegetative cover

12 Maintenance: All features of the project designed and constructed to prevent erosion and sediment must be maintained during the life of the construction so as to function as they were originally designed and constructed

13 Permanent Erosion Control: The erosion control features of the project should be designed to minimize the impact on the whole location

14 Permanent Seeding: All areas which have been disturbed by construction will be a minimum be seeded. The seeding mix must provide both long-term vegetation and rapid growth temporary vegetation. Seeding should occur 4 - 1 should be needed and mulched or sodded

Structural Practices

1 Temporary Diversion Dike: Temporary diversion dikes may be used to divert runoff through a sediment trapping facility

2 Temporary Sediment Trap: A sediment trap shall be installed in an of concentration or in areas where sheet or at other points of discharge form a disturbed area

The following sediment traps may be constructed either independently or in conjunction with a temporary diversion dike:

A. Sheet & Concentration Sediment Trap: This protection is applicable where a heavy flows, ponding water or overflow capacity is necessary to pass and temporarily ponding around the site allows
B. Sediment Trap: This protection is applicable where heavy concentrated flows are expected that will allow ponding around the structure. Higher flows overtopping embankment or damage to adjacent structures is unacceptable issue
C. Silt and Sediment Trap: This protection is applicable where the inlet of pipe is relatively flat area (0 - 5%) and where sheet or concentrated flows (Q < 5 CFS) are flowing. This method shall not apply to drain inlets and sediment silt trap back out in an out of highway drainage.

3 Outlet Protection: Applicable to the outlets of all pipes and paved channel outlets where the flow shall cause erosion & sediment problems in the receiving water body. Silt fences & hay bales are to be installed downstream downstream of the discharging structure as shown on the Outlet Protection Detail

4 Sediment Basin: Will be constructed at the contractor discretion locations that cover an area with 10 or more disturbed acres or area where the proposed storm water provide for temporary ponding will be constructed for use as sediment basins. Typical sediment basins shall provide a minimum of 3,600 cubic feet of storage per acre disturbed with two stable slope of the site

Note:
The 3-4 cubic feet of storage area per acre disturbed does not apply to flows from offsite areas and flows from onsite areas that are either undisturbed or has a vegetative cover that stabilized either where such flows are diverted around both the disturbed area and the sediment basin. Any temporary sediment basin which will be constructed and maintained in accordance with the specifications as detailed in M. All sediment collected or deposited in temporary sediment basins must be removed upon final stabilization

Other Controls

Waste Disposal

All waste materials or debris temporarily stored shall be collected and placed in a secure, covered metal dumpster. The dumpster will meet all local and state solid waste disposal regulations. The dumpster will be emptied as needed and the site will be inspected for a stable appearance and leaks. All generated will be disposed regarding the correct procedures for waste disposal. Refer to solid waste disposal procedures and be posted at the construction site by the Construction Superintendent, the individual who manages the day to-day site operations, will be responsible for seeing that these procedures are followed

Hazardous Waste

All hazardous waste materials will be disposed of in the manner specified by local or state regulations or by the manufacturer. Site personnel will be instructed in these practices and the site Superintendent the individual who manages the day to-day site operations, will be responsible for seeing that these procedures are followed

Sanitary Waste

All sanitary waste will be collected from the portable units as needed to prevent potential spillage. The units will be serviced and disposed of in accordance with local and state Sewage Disposal regulations by sanitary sewer or septic systems

Offsite Vehicle Tracking

A stabilized construction entrance will be installed to help reduce vehicle tracking of sediments. This barrier will be adjusted to the site conditions and the overall goal is to remove any sediment from the tires of vehicles from the site. During heavy rainfall periods the construction site will be covered with a tarpaulin

Inventory for Pollution Prevention Plan

The materials or substances listed below are to potential to be on-site during construction

☐ Concrete	☐ Petroleum	☐ Paints
☐ Asphalt	☐ Petroleum Based Products	☐ Hazardous Waste
☐ Tar	☐ Cleaning Solvents	☐ Roofing Materials
☐ Detergents	☐ Paint	☐ Metal Studs
☐ _____	☐ _____	☐ _____

Spill Prevention

Material Management Practices

The following are the material management practices that will be used to reduce the risk of spills or other site control contaminants of materials and contaminants to storm water runoff

Good Housekeeping

The following good housekeeping practices will be followed during the construction project

1 An effort will be made to store only enough product required to do the job
2 All materials stored outside will be stored in a neat, orderly manner in their appropriate containers and if possible under a roof or other enclosure
3 Products will be kept in their original containers with the original manufacturer's label
4 Substances will not be mixed with one another unless recommended by the manufacturer
5 Whenever possible all of a product will be used up before disposing of the container
6 Manufacturer's recommendations for proper use and disposal will be followed
7 The site Superintendent will inspect daily to ensure materials are being used properly and disposed

Hazardous Products

These practices are used to reduce the risks associated with hazardous materials

1 Products will be kept in original containers unless they are not resealable
2 Original labels and material safety data will be retained. They contain important product information
3 If material product must be disposed of manufacturer's or local and state recommended methods for proper disposal will be followed

Product Specific Practices

The following product specific practices will be followed onsite

Petroleum Products

All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer's recommendations

Fertilizers

Fertilizers used will be applied only at the minimum amounts recommended by the manufacturer. Once applied fertilizer will be stored into the bag to keep exposure to elements minimal. Storage will be on a covered area. Any contents of any partially used bags of fertilizer will be transferred to a container placed up to avoid spills

Paints

All containers will be tightly sealed and stored when not required for use. Excess paints will not be discharged to the storm sewer system but will be properly disposed of according to manufacturers recommendations or state and local regulations

Concrete Curing

Curing of concrete should be accomplished using practices that will prevent direct contaminated discharges of wastewater and fresh concrete mixtures to surface and ground waters. A designated area should be provided specifically for washing vehicles that will be used with fiber fabric, chemical resin (CCF) or wood 2X and 4X and covered with black berm

Best Control Practices

In addition to the good housekeeping and material management practices described in the previous sections of this plan, the following practices will be followed for spill prevention and control:

Manufacturer's recommended methods for spill cleanup will be kept at the storage areas and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.

Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, liquid absorbent or a fully fitted kit which contains sand, gloves and goggles and other basic equipment appropriate for the purpose

All spills will be cleaned up immediately after discovery

The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance

Spill or leak or has potential material will be reported to the appropriate city state or local government agency. Report should of the day of the spill

The spill prevention plan will be adjusted to include measures to prevent the type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill what caused it, and the cleanup measures will also be included

Spill Prevention (Cont.)

The site Superintendent responsible for the day-to-day site operations, will be the spill prevention and cleanup coordinator. He/she will designate at least one other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and a copy of the spill prevention plan

Maintenance / Inspection Procedures

Erosion and Sediment Control Inspection and Maintenance Practices

The following are inspection and maintenance practices that will be used to maintain erosion and sediment controls

1 Inspections shall be conducted at one time within 24 hours of the end of a storm that produces cumulative rainfall of at least 0.5 inches
2 All control measures will be inspected by the Superintendent, the person responsible for the day-to-day site operation or someone assigned by the Superintendent, at least once a week and following any storm event of 0.5 inches or greater
3 All turbidity control structures will be maintained in good working order. If a repair is necessary, it will be initiated within 24 hours of inspection
4 Built up sediment will be removed when it has reached one-half the depth of the barrier. It will be disposed of in such a manner that stabilization is not disturbed
5 Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts and to see that the barrier still sits in the ground
6 Downslope drainageways will be inspected and any breaches properly repaired
7 The sediment basins will be inspected for the depth of sediment, and built up sediment will be removed when it reaches 10 percent of the storage capacity in all the area of the job where basins stands
8 Temporary and permanent seeding and planting will be inspected for form cover, vigorous and healthy growth
9 A representative inspection report will be made after each inspection. A copy of the report form to be established by the engineer is attached. The reports will be kept on site during construction and on file upon request to the Owner Engineer or any federal, state or local agency approving authority and erosion control or storm water management plans. The reports shall be made and retained as part of the storm water pollution prevention plan for at least three years from the date that the site is finally stabilized and the Notice of Termination is submitted. The reports shall identify any deviations of non-compliance
10 The site Superintendent will assign an to other individuals who will be responsible for inspections, maintenance and repair activities, and keep and the organization and maintenance report
11 Personnel responsible for inspection and maintenance responsibilities will report to among both the site Superintendent. They will be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment control devices used onsite in good working order

Handling of Water Discharges

It is expected that the following non-storm water discharges will occur from the site during the construction period:

1 Water from water line flushing
2 Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred)
3 Uncontaminated groundwater or spring water

All non-storm water discharges will be directed to the sediment basin prior to discharge

Contractor's Certification

"I certify under penalty of law that I understand and comply with the terms and conditions of the State of Florida generic permit for stormwater discharge to large and small distribution as the term and the stormwater pollution prevention plan prepared thereunder

Name of Contractor	Signature	Title	Company Name	Date	Phone

Date	Activity	Inspector	Observations	Action Required	Action Taken

1			10		
2			11		
3			12		
4			13		
5			14		
6			15		
7			16		
8			17		
9			18		

SCALE	DATE	DRAWN BY	PROJECT #
NTS	11/30/21		

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

TEMPORARY FIRE STATION # 76

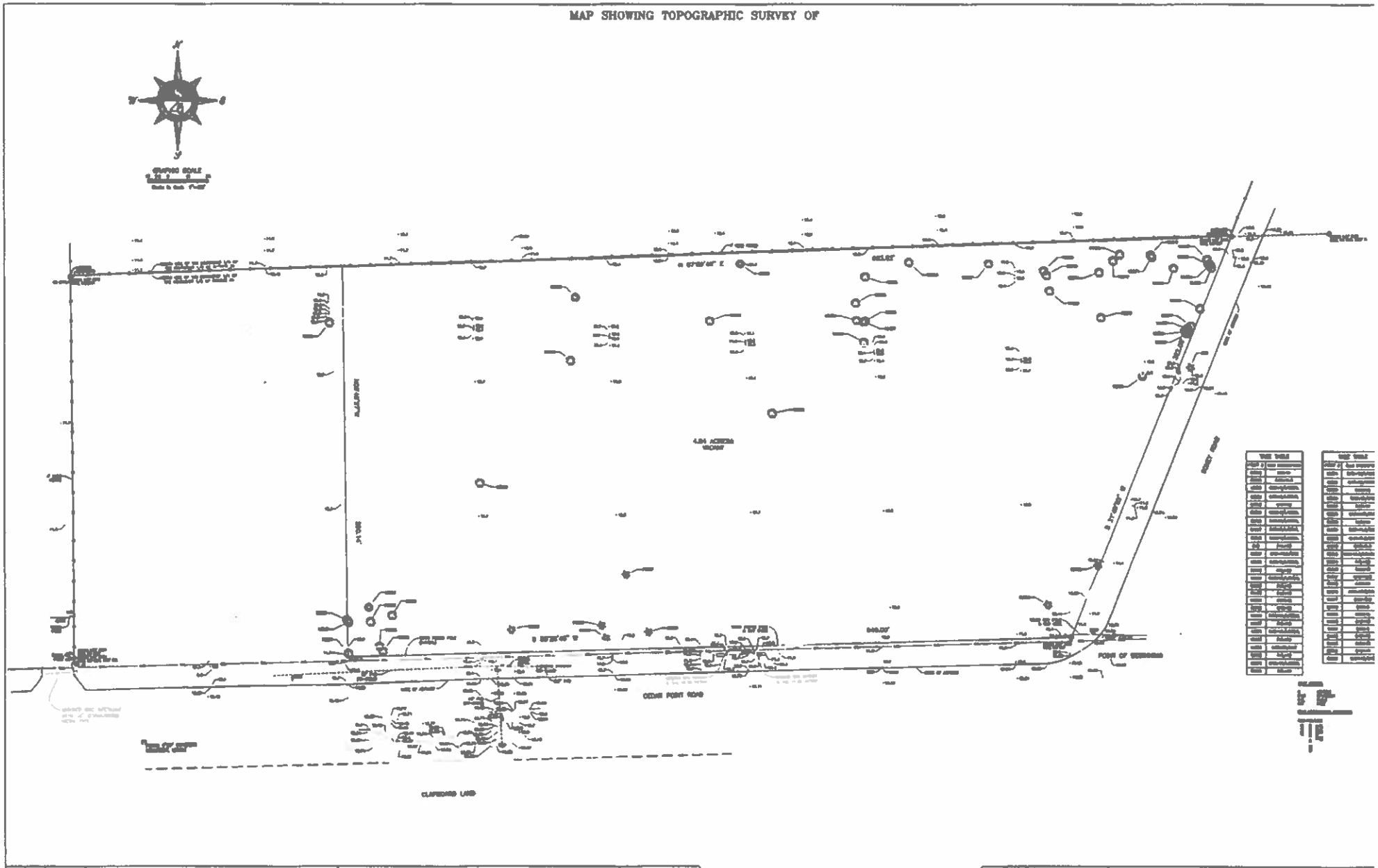
NPDES

C1C

EXHIBIT 3

Tree Survey

MAP SHOWING TOPOGRAPHIC SURVEY OF



CITY OF JACKSONVILLE
DEPARTMENT OF PUBLIC WORKS

FIRE STATION 76

EXHIBIT 4

Environmental Site Assessment

SUBJECT: ST. JOHNS BLUFF ROAD SIDEWALK IMPROVEMENTS

BID #: CP-0092-21 **OPEN DATE:** 2021-06-16

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION PARTICIPATION

AGENCY: PUBLIC WORKS

BASIS OF AWARD: TOTAL BASE BID PLUS SELECTED ALTERNATE(S) IF ANY-LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: (8) **NUMBER RECEIVED:** (7) **OTHER** (2)

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval for Change Order #2 to increase the award to C.A.P. Contracting, Inc. (contract # 71151-21), for asphalt along the sidewalk in the amount of $147,893.55. The total revised indebtedness not to exceed $2,143,874.90.

This award is to be funded by multiple lines of accounting to be executed by formal change order through Office of General Counsel.

Attachments: Recommendation Memo, Change Order #2, Previous Awards

ANALYST: JACLYN STAMOS **RESPECTFULLY SUBMITTED** DUSTIN FREEMAN, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: **Robin G. Smith, Chief, Engineering & Construction Management**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 3 MEMBERS DISAPPROVING 0 DATE: 2/16/2023

OTHER:

ACTION OF AWARDING AUTHORITY DATE 2/16/23

APPROVED ✓ DISAPPROVED

OTHER

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No: 2019-02

SUBJECT: ST. JOHNS BLUFF ROAD SIDEWALK IMPROVEMENTS

BID #: CP-0092-21 **OPEN DATE:** 2021-06-16

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION PARTICIPATION

AGENCY: PUBLIC WORKS

BASIS OF AWARD: TOTAL BASE BID PLUS SELECTED ALTERNATE(S) IF ANY-LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: (8) NUMBER RECEIVED (7) OTHER (2)

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval for Change Order #1 to increase the award to C.A.P. Contracting, Inc., contract number 71151-21, for additional sod placement on both sides of the sidewalk to protect the slopes runoff, in the amount of $73,230.00. The total revised indebtedness not to exceed $1,995,981.35

This award is to be funded by account(s) 32111 153119 565051 001059 00000000.00000.0000000 - $20,426.32
32111 153119 565051 001060 00000000.00000.0000000 - $20,670.00
10103 159001 565050 001059 00000000.00000.0000000 - $32,133.68
- to be executed by formal change order through Office of General Counsel

Attachments: Recommendation Memo, Change Order, Previous Award

ANALYST: JACLYN STAMOS **RESPECTFULLY SUBMITTED** GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, Chief, Engineering & Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 3 MEMBERS DISAPPROVING 0 DATE 8/25/2022

OTHER

ACTION OF AWARDING AUTHORITY DATE 8/29/22

APPROVED ✓ DISAPPROVED

OTHER

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No: 2019-02

SUBJECT: ST. JOHNS BLUFF ROAD SIDEWALK IMPROVEMENTS

BID #: CP-0092-21 **OPEN DATE: 2021-06-16**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION PARTICIPATION

AGENCY: PUBLIC WORKS

BASIS OF AWARD: TOTAL BASE BID PLUS SELECTED ALTERNATE (S) IF ANY-LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: (8) NUMBER RECEIVED: (7) OTHER (2)

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval of award to C.A.P. Contracting, Inc., as the lowest responsive, responsible bidder in the total base bid for Parts 1+2+3 in the amount of $1,922,751.35.

Funding for this award to be encumbered by account(s): 001059-565050-2-10103-343903- $624,280.17; 001059-565050-2-10103-361101- $352,678.00; 001059-565051-1-32111-384020- $364,169.08; 001060-565050-2-10103-361101- $331,025.89, and 001060-565051-1-32111-384020- $250,598.11 to be executed by formal contract through Office of General Counsel.

Attachments: Recommendation Memo, Bid Tabulation Sheet, JSEB Letter, Basis of Award, Scope of Work

ANALYST: Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, P.E., Chief, Engineering & Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 3 MEMBERS DISAPPROVING 0 DATE: 7/8/2021

OTHER

ACTION OF AWARDING AUTHORITY DATE 7/8/21

MP APPROVED ✓ BH DISAPPROVED

OTHER

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For Mayor Lenny Curry
Under Authority of:
Executive Order No: 2019-02