

ADDENDUM NO. 2

BID PACKAGE NUMBERS: All Bidders

PROJECT : ***Bay District Schools
Rosenwald Building #2 Remodeling***

This Addendum is a part of the Contract Documents.

This Addendum #02 consists of Items 2.1 through 2.10:

- Item 2.1 - The following Additive Bid Alternates are being added. A new bid form is included:
 - Bid Alternate #01- (Bid Package 09C- Painting)- Provide a price to prep and repaint the existing roof fascia board and the exterior soffits around the building. Sketch is being provided.
 - Bid Alternate #02- (Bid Package 16A- Electrical)- Provide a price to swap out the existing exterior lights in the canopies and on the exterior of the gymnasium and install new lights.
 - Bid Alternate #03- (Bid Package 09B- Flooring)- Provide a price to install epoxy floor covering for the Common Area Hallway (02-009) in lieu of the specified LVT.
- Item 2.2 - Answers to Pre-Bid RFI's #1- #40.
- Item 2.3 - JRA Addendum #01 dated May 5, 2026 is included. Contains updated specifications for Aluminum Framed Windows, Surge Protection for Low Voltabel Electrical Power Circuits and Panelboards and revisions to electrical and telecom drawings.
- Item 2.4 - Bid Package 07A Roofing- A copy of the original as-built drawings for the roof is being provided. It provides slope of the roof and locations for VTRs and roof hatches.
- Item 2.5 - Bid Package 02A Site Work- Updated civil drawings are being provided to show 5LF of 6" fire line with a cap and a valve for the future fire line extension.
- Item 2.6 - Childers Construction project schedule is included for bidders.
- Item 2.7 - Bidders Scope Checklist for each bid package is provided. **(Please note that these are to be in your bid folders as part of your bid package)**
- Item 2.8 - Sketch provided to show the limits of the Bid Alternate #01 Painting of existing exterior soffits and fascia.
- Item 2.9 - Bid Package 02B Demo- Added scope to remove the existing metal stud framed false wall.
- Item 2.10 **The bid date for this project remains May 19, 2026 at 2:00pm central.**

**End of Addendum #02
Dated This 8th Day of May, 2026**



ITEM NO. 3

BID PROPOSAL FORM (UPDATED- ADDENDUM #02)
May 26, 2026 at 2:00 pm

TO: Childers Construction Company, Inc.
3472 Weems Road Unit 1
Tallahassee, Florida 32317

Bid Package
_____
Rosenwald Bldg #2
Bay District Schools
1311 Balboa Avenue
Panama City, Florida 32405

Attn: John Daum

FROM: _____

The undersigned, "Bidder", having visited the site and familiarized himself with the project and having examined carefully the drawings, specifications and Instruction to Bidders proposes to furnish all labor, materials and equipment required to satisfactorily complete all work associated with *the bid package referenced above*.

A. The plans and specifications as prepared by JRA Architects.

B. The Conditions of Contract dated April 22, 2026.

C. Supplement:

Number 1 – Dated: _____ Pages ____ of _____

D. Addendums:

Number 1 – Dated: _____ Pages ____ of _____

Number 2 - Dated: _____ Pages ____ of _____

Number 3 – Dated: _____ Pages ____ of _____

Number 4 – Dated: _____ Pages ____ of _____

E. Bid Package Scope Clarification:

This bid package shall include but not limited to the following:

ITEM NO. 3

Page 2 of 13

- 1) This Bid Package includes all equipment, labor and material necessary to complete Bid Package work in accordance with the Plans, Specifications, Supplements, Addendums and the Project Schedule. The scope of this work includes but is not limited to the following:

SCOPE OF WORK - BASE BID

Special Instructions for ALL trades:

- **All trade contractors shall work Monday-Friday 8 hour schedules, NO exceptions.**
- **Divisions 01 of the Specifications are part of every bid package.**
- **Comply with 2012 ADA code requirements.**
- **Demolition by all trades shall include disposal and hauling. All hazardous materials must be disposed of in accordance with local, state and national requirements. Copies of disposal certification are required.**

General Instructions:

The CM will furnish trash containers for general use, except for demolition material. Each trade is responsible for associated cleanup to CM's container.

Permits and inspections will be performed by Bay District Schools Building Department and the architect / engineer. Schedule all normally required inspections with at least 24-hour notice.

All equipment shall be manufactured in component sections to accommodate existing structural opening restrictions. All equipment must meet the size requirements for the space.

Provide offsite storage for all equipment until incorporation into the project. Stored equipment must be sealed and protected from the elements.

Provide all handling equipment and cranes.

Damage to landscaping, parking lots, stairs etc. shall be repaired under this bid package. Protect all exterior areas including grass from damage.

The Work:

GENERAL

Final clean all areas upon completion of work.

Comply with all local, state & national requirements for the disposal of materials and hazardous materials.

Tape all floor and wall poly seams. Tape to adjoining surfaces.

Scope of Work:

- See attached Scope Checklist for Scope of Work

- 2) This Trade Contractor shall carry-out the work described in this bid package in strict accordance with OSHA Requirements, especially trench safety.

This Will Be Strictly Enforced by Childers Construction Company

ITEM NO. 3

- 3) This trade contractor shall daily remove and dispose of debris associated with this bid package.
 - 4) Repair or replace damaged landscaping and sod damaged by parking or construction.
 - 5) It shall be this contractor's responsibility to notify the appropriate utility owner prior to the commencement of any construction activity.
 - 6) All quality control testing to verify compliance with the Contract Documents shall be included in this contract.
 - 7) Work to include, but not limited to:
 - A) Refer to all Plan Sheets
 - B) All Specifications sections.
 - 8) Liquidated damages in the amount of \$500.00 per day to compensate the Construction Manager for staff and general conditions costs and ¼ of the rate for each consecutive calendar day after the date for Substantial Completion.
 - 9) The Owner has the right to withhold three (3) times the installed market value of any item on the punch list that has not been completed at the time of final completion.
 - 10) Comply with the Project Schedule. If this Subcontractor falls behind the Project Schedule, they must provide sufficient crews to ensure the work is caught up to the required milestones of the Schedule.
 - 11) This bid form shall not be altered and additional information or qualifications shall not be considered.
- F. **BASE BID Price:** The bidder, in compliance with your Advertisement for Bid and the Contract Documents, for Rosenwald Building #2 Remodeling and having become thoroughly familiar with the terms and conditions affecting the performance and costs of the Work at the place where the Work is to be completed, and having fully inspected the site in all particulars, hereby proposes and agrees to fully perform the work within the time stated and in strict accordance with the Contract Documents, including furnishing any and all labor and materials, and to do all the work required to construct and complete said work in accordance with the Contract Documents, for the following sums of money; which include all labor, materials, labor, services, equipment tools, transportation, licenses, fees, permits, etc. necessary for completion of the work shown on the drawings and in the specifications. **Perform all work described by the Contract Documents. (Base Bid to include 100% Payment & Performance Bond for bids over \$100,000).**

_____ Dollars \$ _____

ITEM NO. 3

Bid Alternate #01 (Bid Package 09C Painting) Provide a price to prep and repaint the existing roof fascia board and the exterior soffits around the building.

_____ Dollars \$ _____

Bid Alternate #02 (Bid Package 16A Electrical) Provide a price to swap out the existing exterior lights in the canopies and on the exterior of the gymnasium and install new lights.

_____ Dollars \$ _____

Bid Alternate #03 (Bid Package 09B Flooring) Provide a price to install epoxy floor covering for the Common Area Hallway (02-009) in lieu of the specified LVT.

_____ Dollars \$ _____

G. List all Subcontractors

The names of all persons interested in the foregoing bid as principals are:

IMPORTANT NOTICE: If bidder or other interested person is a corporation, give legal name of corporation, state where incorporated, and names of president and secretary, if a partnership, give name of firm and names of all individual co-partners composing the firm; if bidder or other interested person is an individual, give first and last names in full.

Licensed in accordance with an act for the registration of contractors, and with license number:

_____.

ITEM NO. 3

Page 5 of 13

SIGN HERE:

Signature of Bidder

Witness

NOTE: If bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address: _____

Telephone number: _____

Date of proposal: _____

ATTACHMENTS: Public Entity Crimes Form
 Drug Free Workplace Form
 Material Safety Data Form

ITEM NO. 3

1. I have executed and attached the following:

- a. Sworn Statement Under Section 287.133(3)(a), Florida Statutes, On Public Entity Crimes.
- b. Sworn Statement on Drug-Free Workplace Program.
- c. Sworn statement on Material Safety Data Form (MSDF).

COMPANY

DATE

BY (SIGNATURE)

TITLE
(SEAL – IF BID IS BY CORPORATION)

STATE OF _____

COUNTY OF _____

PERSONALLY, APPEARED BEFORE ME, the undersigned authority,

_____ who, after first being sworn by me,
[name of individual signing]

affixed his/her signature in the space provided above on this _____ day
of _____, 20 ____.

_____ NOTARY PUBLIC

My commission expires:
SEAL

ITEM NO. 3

**SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to _____
[print name of the public entity]
by _____.
[print individual's name and title]
for _____
[print name of entity submitting sworn statement]

whose business address is

and (if applicable) its Federal Employer Identification Number (FEIN) is _____.
(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____.)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
1. A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a

ITEM NO. 3

prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. *I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.*
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. [Indicate which statement applies.]

_____ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. [attach a copy of the final order]

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

[signature]

ITEM NO. 3

Page 9 of 13

Sworn to and subscribed before me this ____ day of _____, 20____.

Personally known _____

OR Produced identification _____ Notary Public - State of _____

_____ My commission expires _____
(Type of identification)

(Printed typed or stamped commissioned name of notary public)

ITEM NO. 3

**SWORN STATEMENT PURSUANT TO SECTION 287.087 AND 440.102,
FLORIDA STATUTES,**

DRUG-FREE WORK PLACE PROGRAM

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to _____
by _____
(print individual's name and title)
for _____
(print name of entity submitting sworn statement)
whose business address is _____

and (if applicable) its Federal Employer Identification Number (FEIN) is _____.

2. It is my understanding that the Owner, Bay County School Board is encouraged by State Law to give preference to entities with DRUG-FREE WORK PLACE PROGRAMS authorized by Florida Statutes, Section 287.087 and that the entity is eligible for discounts to its Worker's Compensation Insurance Premiums under Florida Statute Section 440.102.

(signature)

Sworn to and subscribed before me this ____ day of _____, 20__.

Personally known _____

OR Produced Identification _____ Notary Public - State of _____

(Type of identification) My commission expires _____

(Printed, typed or stamped commissioned
name of notary public)

ITEM NO. 3

**SWORN STATEMENT PURSUANT TO
FLORIDA STATUTES,
MATERIAL SAFETY DATA FORM (MSDF)**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Bay County School Board
by _____.
(print individual's name and title)
for _____
(print name of entity submitting sworn statement)
whose business address is

and (if applicable) its Federal Employer Identification Number (FEIN) is _____.
(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____.)

2. It is my understanding that the Owner, The School Board of Bay County (BCSB) requires the Bidder to submit to the Owner within five (5) business days from Bid Date the following items:
- a. List of all chemicals and/or products that may emit, leak, evaporate, be dissolved from, or produced by the services that the Contractor is proposing;
 - b. List shall include a clear deliberation of chemical content of product, containing all information required by Federal OSHA Hazard Construction Law and Florida's Right-to-Know Law; list shall have Bid number and Bid Item Number stated on Data Sheets.
 - c. For building or construction materials, or building furnishings, the Contractor shall submit in writing any chemical emission or exposure data that the product contains.
 - d. Safety and Health Precautions to be employed to protect Workers who will be doing the work;
 - e. Safety and Health Precautions to be employed to protect the building occupants, general public and other nearby tradesmen;
 - f. Safety and Health precautions to ensure that the work space, building, or School Board's properties are not contaminated as it may relate in any way to the services that are provided;

ITEM NO. 3

Page 13 of 13

(signature)

Sworn to and subscribed before me this ____ day of _____, 20____.

Personally known _____

OR Produced Identification _____ Notary Public - State of _____

(Type of identification) My commission expires _____

(Printed, typed or stamped commissioned name of notary public)

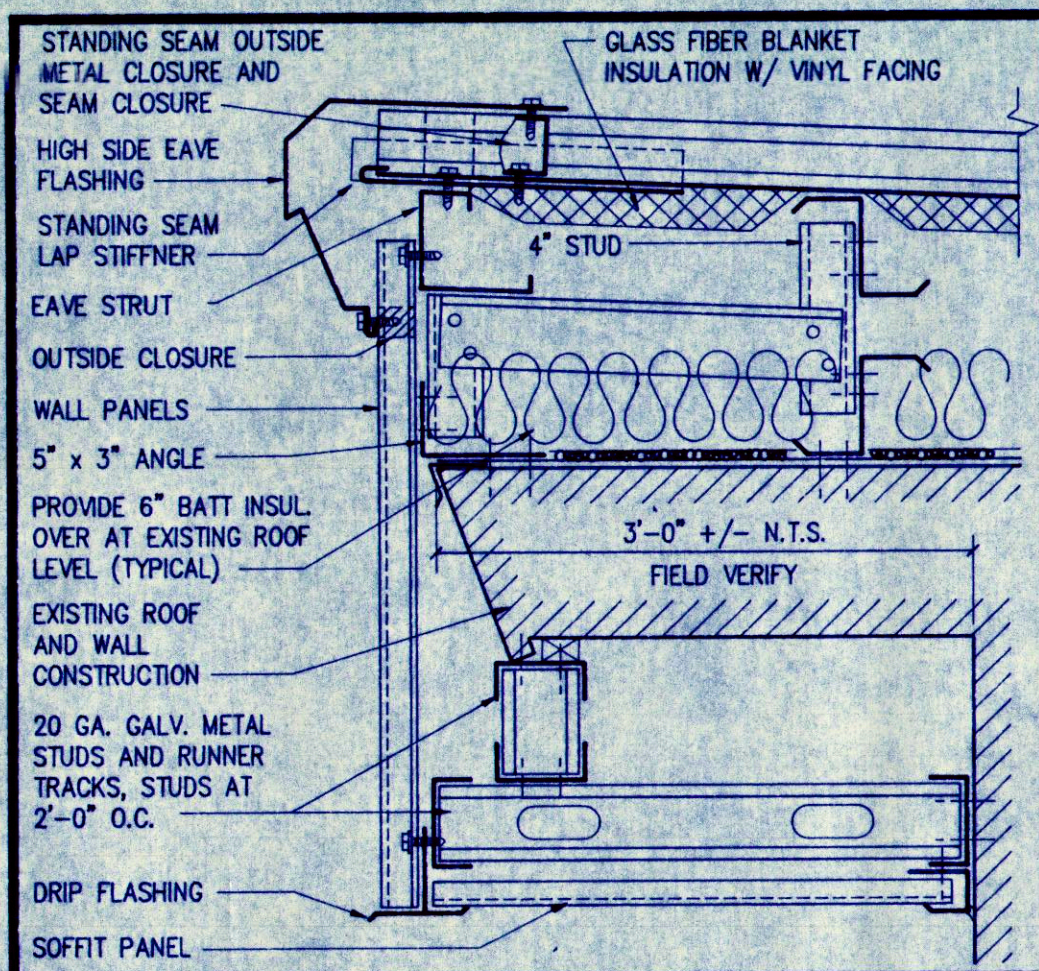
Rosenwald Bldg 2 Remodel - Pre-Bid RFI's

RFI #	Question	Bid Package	Architect/School District Response
1	Kyle- can you confirm if the roof leaks we noted early on have been fixed? 4.08.26		BDS 4.09.26
2	The wall hung HVAC units being removed will create an opening between the windows and there is another opening in the exterior wall where the vent is located. Are we going to infill the window gap with another window or will it be framed out (sheathing & stucco on the outside and drywall on the inside)? If it is a window, are we going to upgrade the existing windows to be impact resistant? (Could be a lead time issue) 4.08.26	08B	JRA has provided SREF required windows in each classroom. This has required enlarging some openings and infilling others. We are currently calling for the brick being removed to be saved and reused. We have also contact Acme brick to see if they can match the existing. We are planning on providing standard windows meeting the FBC, not enhanced. 4.09.26
3	Are we leaving the interior bars on the windows? 4.08.26	02B	We are calling for them to be removed since the window sizes are changing. 4.09.26
4	Kyle- will the District do the freon recovery for the wall hung units or do we need to get someone to do that prior to demo? 4.08.26	15C	BDS 4.09.26
5	The coaches' offices both have PTAC units with a penetration to the exterior. We are figuring to frame out (sheathing/stucco/drywall) these openings once removed? Is that correct? 4.08.26	09A/15C	Good catch, we will show them being demolished. 4.09.26
6	In looking at the new floor plan Dave sent us; I am seeing only one true "new" exterior door opening to be made. All the exterior doors are on the west elevation. One appears to be an existing one, (1) is the existing electrical door which will remain as is, (1) is taking the existing double mechanical room door with louvers, removing it, install a new single frame and frame/close in the other side of the opening and (1) "new" opening at the NW corner that will need to be done. Is this correct? 4.08.26		This work has been cancelled
7	The new smaller mechanical room which is the southern part of the existing mechanical room shows closing off access to the plumbing chase. Is that necessary? It would provide access to that chase for plumbing, if needed. 4.08.26		Good idea, we will provide new access to the existing chase(s). 4.09.26
8	We are assuming the existing double door entrances on the north and south side will be removed and infilled just like the other areas (stucco/drywall). Is this correct? 4.08.26	02B/09A	Correct. 4.09.26

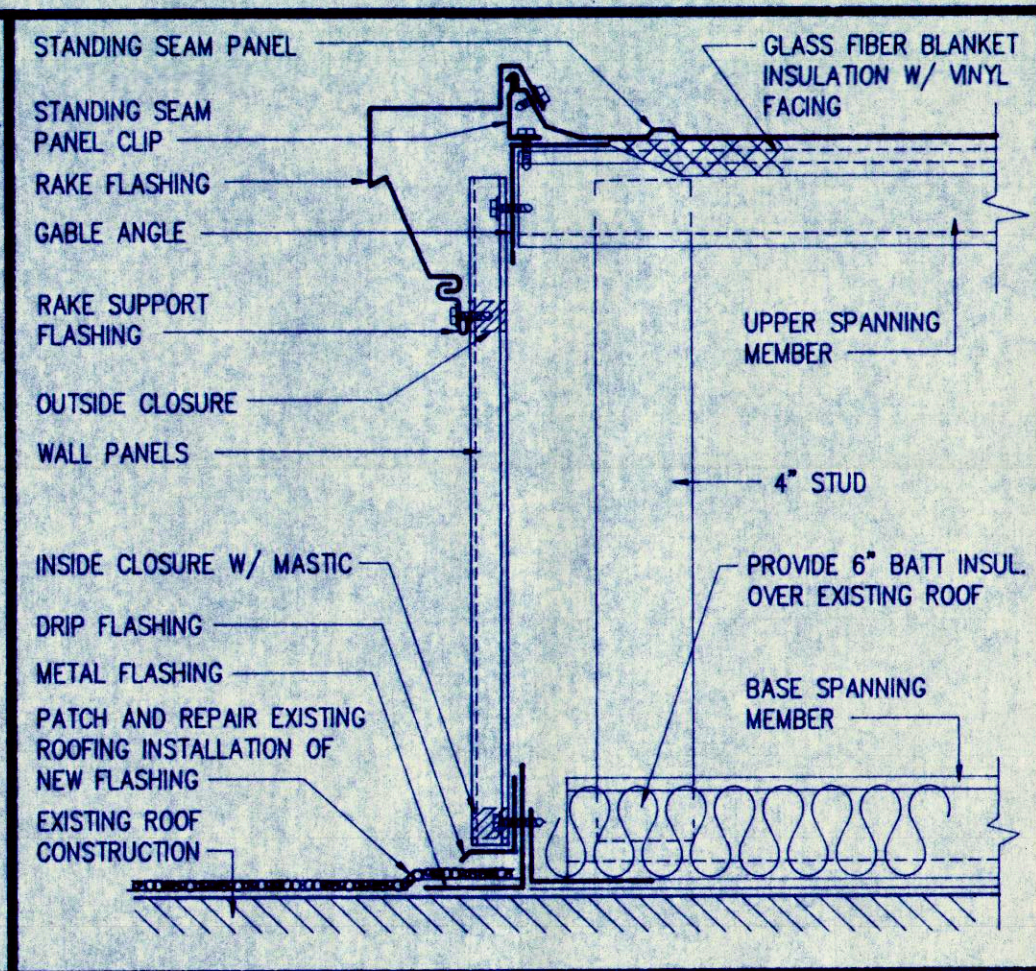
9	Does each new small classroom mechanical rooms have just a stub out for condensate drains that just drip out on the walkways? 4.08.26	15C	Not sure yet, Mechanical will address that in the April 15th submittal. 4.09.26
10	Once the exterior wall hung HVAC units are removed, will we need to remove the bollards in the sidewalks or leave them? 4.08.26	02B	They are called to be removed. 4.09.26
11	I asked Dave for a dimensional plan so we can layout where the two 10' openings in the existing load bearing chase walls will be. Can we also get a dimensional plan so we can figure out where each of the new toilet drains will need to be in the existing slab so we can determine if we will be cutting the slab to do a new tie in. Will the existing shower drains in the floor be large enough for the new toilets? 4.08.26	02B	yes, will be in April 15th submittal. Will try to get that information in the April 15th submittal or get you answer separately. 4.09.26
12	Will the exterior condensing units be installed on the wall up high or on the ground? If on the ground, do we need to have bollards there as well? 4.08.26	15C	It is our intend to group together beyond the current walking paths and enclose with chain link fence. 4.09.26
13	The existing telecom room appears to house DSX Access Control, PA system, CCTV system, ITV system and the telecom rack. Are all these being relocated to the new Comm Room (02-011). Will there be a mini-split required for this room and where will the condensate drain to? 4.08.26	16A/17A	As of right now the answer to both is yes. But we are aware that this may be problematic and a different configuration may be needed. 4.09.26
14	It would be good to know if the electrical engineer thinks we will need any new panels. I don't think we will but, I'm not an engineer. 4.08.26	16A	As is JRA, hope to have this addressed in the April 15th submittal. 4.09.26
15	Will each new restroom have its own small exhaust fan? Where will it exhaust to? 4.08.26	15C	They will be design to FBC and it is my understanding that each will have an exhaust. Still working on this issue. 4.09.26
16	We are assuming to cap the existing gas line just above grade outside the west sidewalk. Is that correct? 4.08.26	15B	This is ok with JRA if ok with BDS 4.09.26
17	We are assuming the new fire main will enter the building into the new smaller mechanical room next to the existing electrical room. Is that correct? This room also has the existing domestic water riser pipe in it. Will this room also house the HVAC unit for the New Classroom #2? If so, we will just need to coordinate the unit, water main and fire main in this space. 4.08.26	02A/15A	That is the direction we are working towards. Still coordinating with MEP. Hope to have it resolved by April 15th submittal. 4.09.26
18	Could we get a floor plan with dimensions to show the location for the CMU wall area we will be cutting the 10' opening in? 4.08.26		Yes. Shane will have final floor plans going out to the consultants tomorrow. We will copy you on that email so you have it. 4.08.26

19	Plan page A1.2, A1.5. Openings 2-005B, 2-006B, 2-014, 2-015A ; There are 4 doors on the floor plan shown at exterior locations, but all doors on schedule are indicated as wood. Will these be revised to hollow metal exterior doors?	08A	Please refer to the new project documents revised on May 1st showing 3 exterior doors no longer being included within the plans within rooms 02-005B, 02-006B 02-015. Existing Mechanical room will have an exterior hollow metal door per Door Schedule A1.5
20	Plan page A1.1, A1.2, A1.3. Openings 2-014, 2-015A ; There are 2 exterior doors on the floor plan with door labels that seem to indicate a new door/frame, but they are on the demo as existing without a note to demo them, also south elevation drawing says existing. Please advise what is correct.	08A	The plans have been updated to reflect this. Remove and Dispose of existing door(s) (including frame) and all associated materials per Sheet A1.1 Keynote B
21	Plan page A1.2, A1.5 ; It looks like the 2-015A is scheduled as an interior wood door for the room 2-015A. The plan doesn't have a door number for this opening, instead it labels an exterior door as 2-015A which may be existing to remain or need to have a new door label scheduled as a hollow metal exterior door. Please clarify what is to be corrected.	08A	Please see updated door schedule per Sheet A1.5
22	Plan page A1.2, A1.5 ; Will any openings require fire ratings? 4/28/26	08A	None of the openings will be required to be fire rated
23	Plan page A1.2, A1.5 ; Can you identify any access control requirements, and a brief description of the intent for each opening? 4/28/26	08A	See Addendum no. 1
24	Plan page A1.5 ; There is an elevation with glass, but it is not applied to anything. Will there be any openings that need cutouts for glass? 4/28/26	08A	See Drawings A1.2 & A1.5 in the Construction Documents issued on 5/1/26
25	Plan page A1.5 ; There is a frame elevation with a 4" head, but it is not applied to anything. Will any of the frame heads need to be 4"? 4/28/26	08A	Any door frames in CMU walls will need to have a 4" head
26	When we cut the new openings in the corridor walls to create the new entrances into the classroom wing, we discussed yesterday that we will need to have poured a 1/25 ramp to make up the height difference. Are we to assume cutting out the existing slab in this area and repouring the entire slope? emailed 2:41 4/29/26	03A	We would prefer cutting and repouring if time and budget allow
27	Shall I include a 6" Gate valve, 5' of PVC then a cap at that Tee we were discussing of where to stop the Fireline for the future portion? Then that line can stay live while the next contractor performs the connection.	02A	That's a good idea for our future work. We will accept that as a base bid item if Sean agrees. See JRA Addendum for more detail

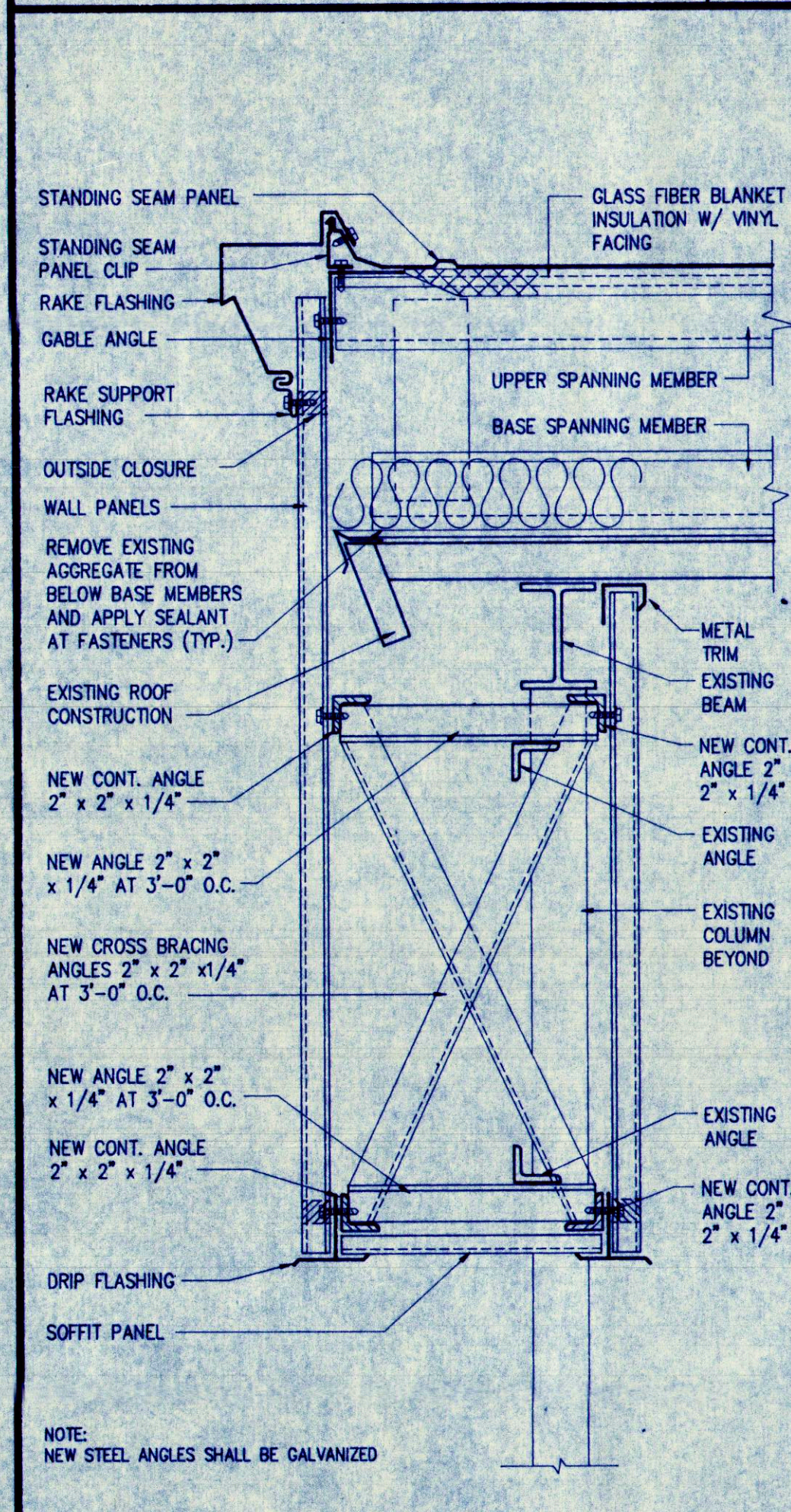
28	On site it was discussed to leave remaining overhead piping in mechanical room hallway, However the new Complete Pans specify to "Remove All Existing Hot Water Piping Above Ceiling in Mechanical Room per Sheet P1.0 Note 2" Please provide direction. 5/4/26	15B	There is no hot water piping to be reused after completion of the project. (The hot water is limited to the janitor's closet)
29	Per Sheet E1.2 Bid Alternate #2 it calls to provide (11) "WP" fixtures, but this fixture type is not called out on the lighting schedule. Please provide what type and manufacture we are to provide. 5/4/26	16A	See Addendum no. 1
30	Can Childers be provided with a roof plan? 5/4/26	07A	See Addendum #2
31	What is the finish for the storefront frames? Windows are not included within the finish schedule. It is assumed that Aluminum to match existing will be used. Please confirm 5/4/26	08B	New window frame finish will be anodized aluminum to match existing
32	Are the storefront frames to be impact? 5/4/26	08B	Yes, Impact Rated.
33	Could you please confirm what color the glass needs to be. 5/4/26	08B	Clear
34	Please confirm where the backflow full forward flow test header should be located? On the fire riser or the backflow? 5/4/26	02A	Backflow
35	Are there any specs for the fire sprinklers? 5/4/26	15A	Provided 5/4/26
36	Can extended coverage heads be utilized to save costs? 5/4/26	15A	Yes extended coverage heads may be utilized to save costs, provided doing so does not create code compliance issues
37	Are there any structural drawings 5/4/26	15A	A site visit is recommended to see what to attach to
39	Corner Mounted Camera Detail per Sheet T0.1 - Are we to have both corner mounted and 360 cameras installed?	17A	
40	Remove Existing Cold Water Above Ceiling in Mechanical Room to Tee Off 2-1/2" Cold Water as shown and cap. Field Verify Location and Size per Sheet P1.0 Note 4 – I believe while on site we were told to keep this overhead piping. Please confirm.	15B	
41			
42			
43			
44			
45			



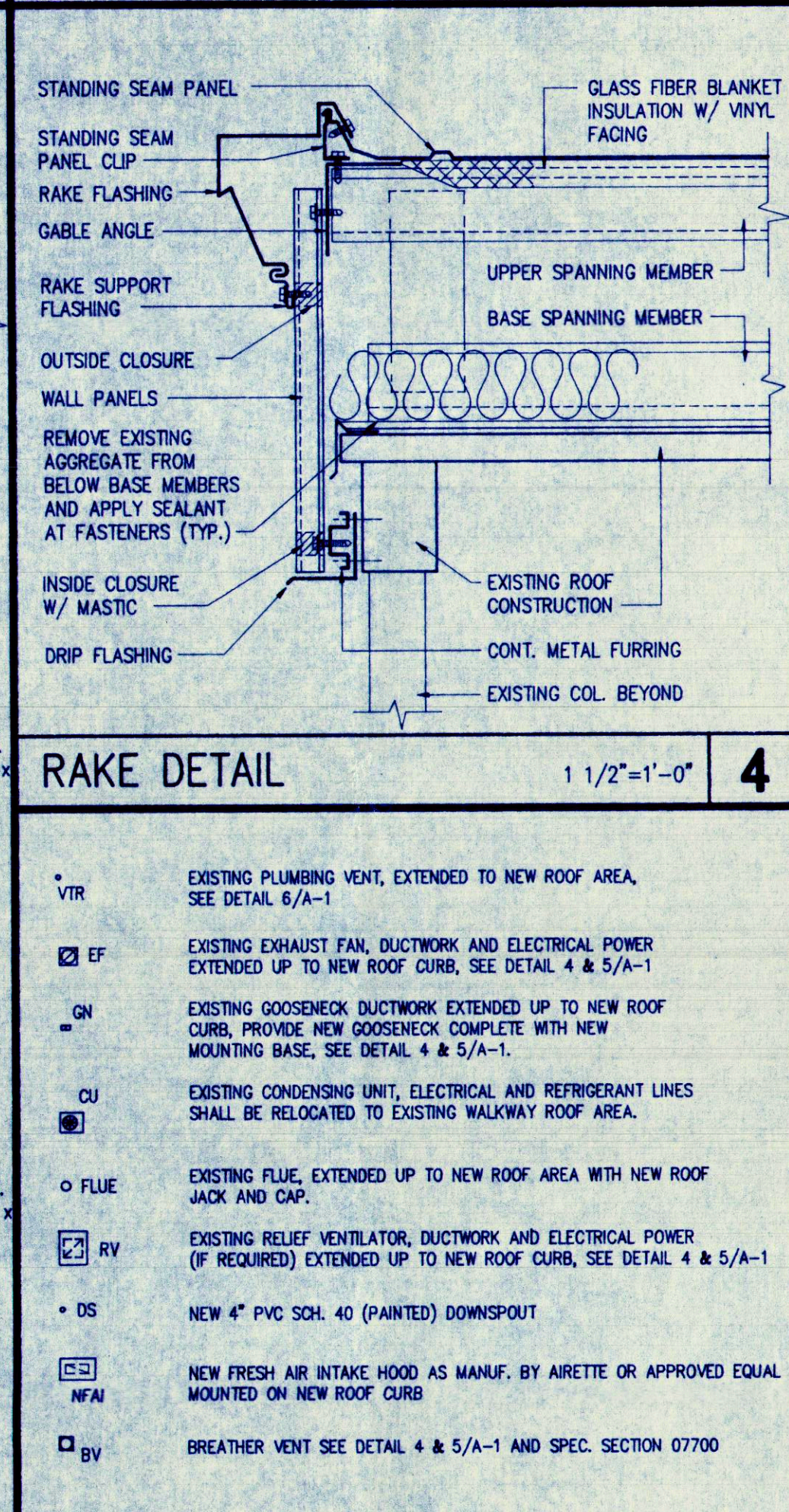
EAVE DETAIL HIGH SIDE 1 1/2"=1'-0" **8**



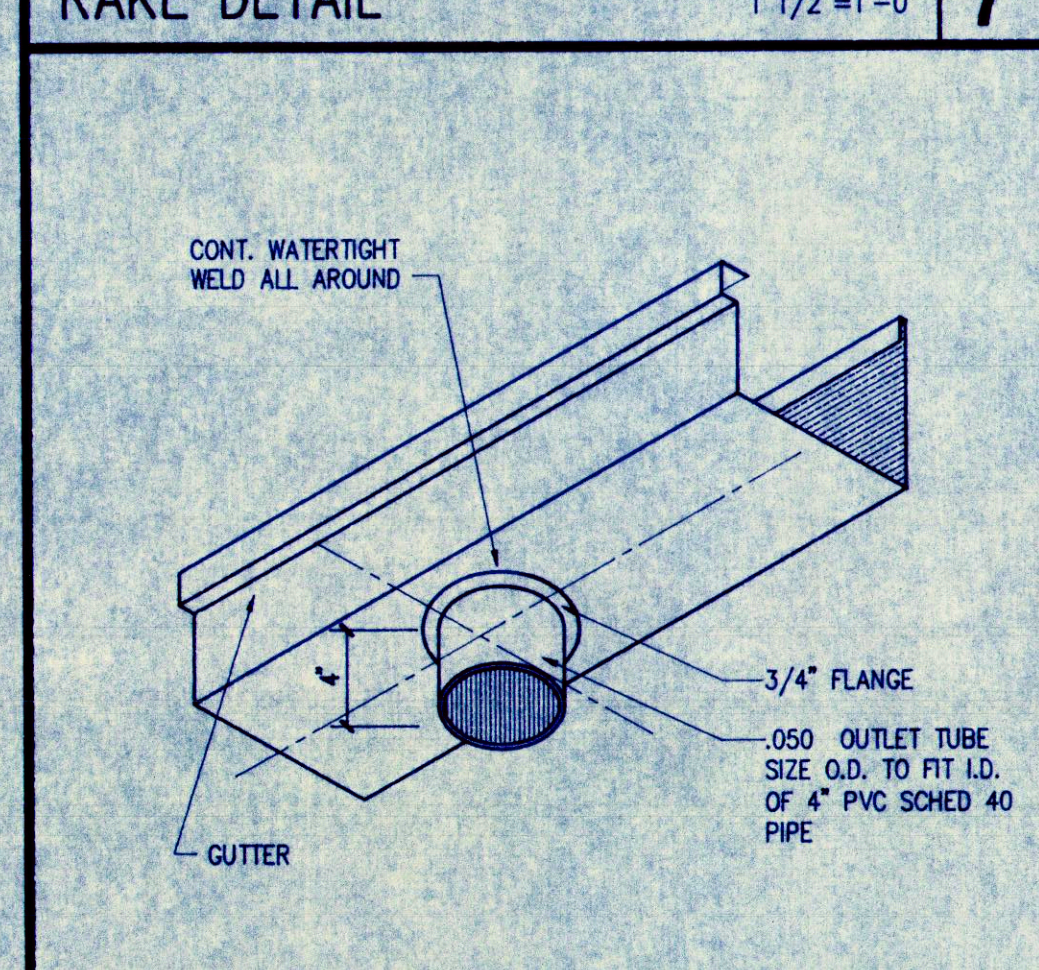
RAKE DETAIL 1 1/2"=1'-0" **5**



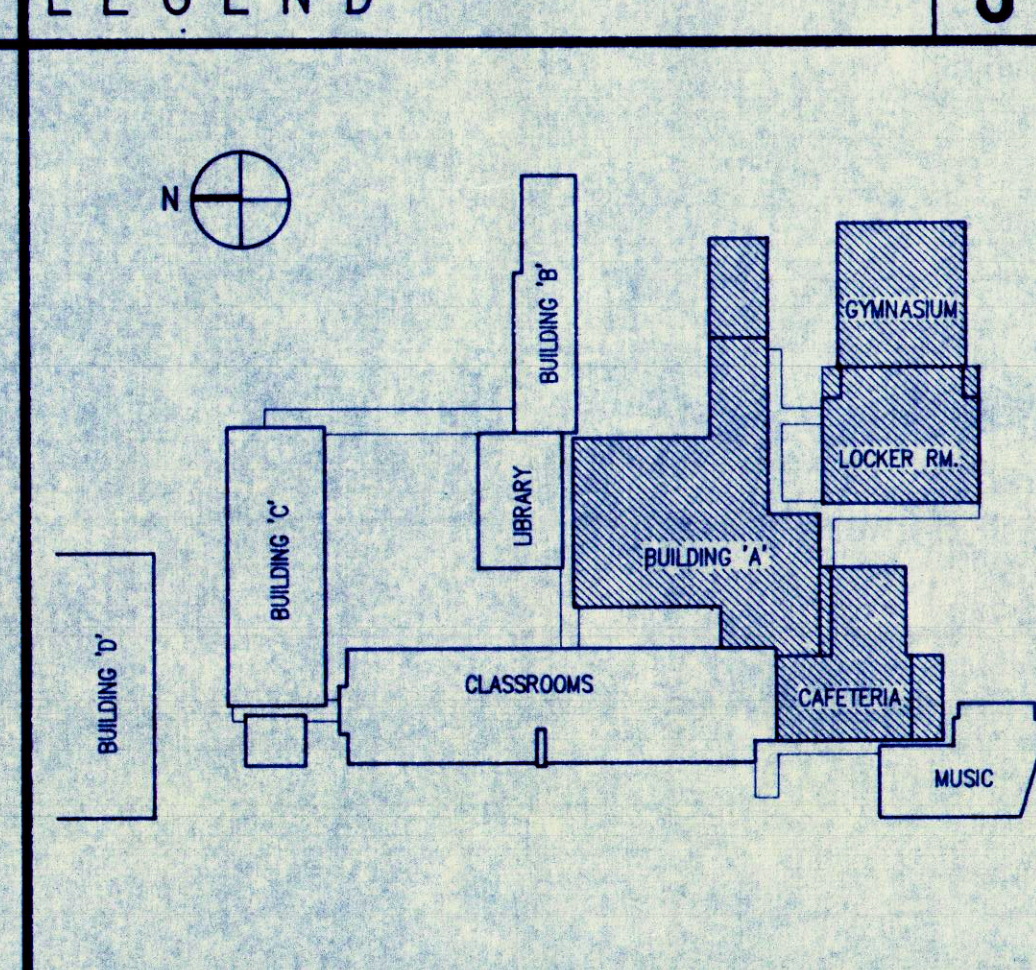
RAKE DETAIL 1 1/2"=1'-0" **7**



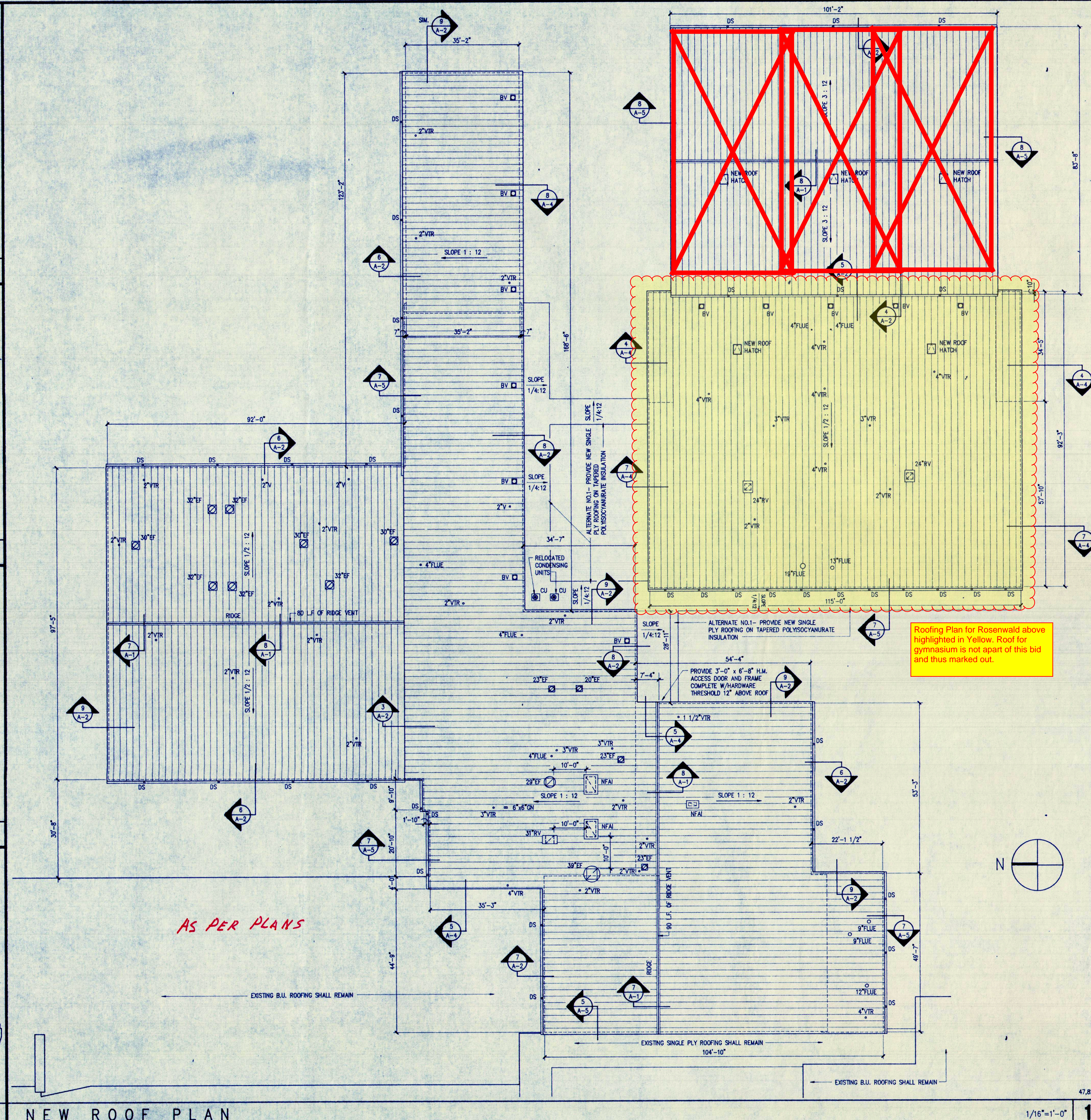
RAKE DETAIL 1 1/2"=1'-0" **4**



DETAIL 1 1/2"=1'-0" **6**



KEY PLAN **2**



NEW ROOF PLAN 1/16"=1'-0" **1**

BARGER + DEAN ARCHITECTS INC.
 227 CENTRAL AVE. SARASOTA, FL 34236
 (813) 365-6056 FAX (813) 955-2592
 Copyright © 1992 Barger + Dean Architects Inc.

RE-ROOFING BUILDING 'A' GYMNASIUM & CAFETERIA
ROSENWALD MIDDLE SCHOOL
 PANAMA CITY, FLORIDA
 FOR
BAY COUNTY SCHOOL BOARD

DRAWING TITLE:
NEW ROOF PLAN AND DETAILS

FILE#: AG-AC-A-4
 JOB NO.: 92079
 DATE: 12-23-92
 SCALE: AS NOTED
 DRAWN BY: R.A.O.
 CHECKED BY: K.G.D.
 SHEET No.: **A-4**

ROSENWALD - FIRE MAIN EXTENSION

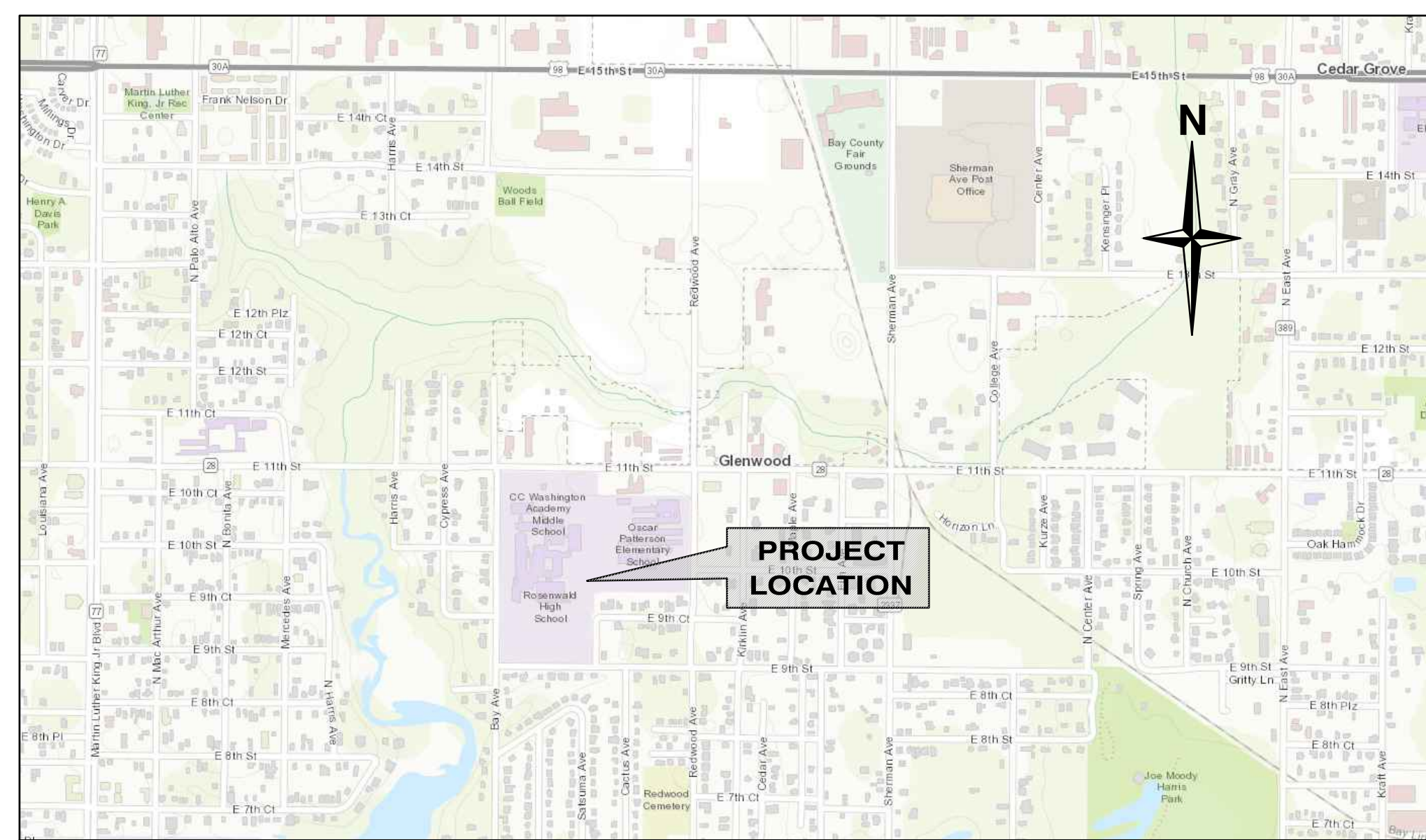
PANAMA CITY, FLORIDA

FOR:
BAY DISTRICT SCHOOLS
 1311 BALBOA AVENUE
 PANAMA CITY, FLORIDA

PREPARED BY:

 <p>McNEIL — CARROLL ENGINEERING, INC.</p> <p><i>Professional Engineering Consultants</i></p> <p>STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER: 7288</p>	475 Harrison Avenue, Suite 200 Panama City, Florida 32401	
	Phone: 850-763-5730 Fax: 850-763-5744	
	<p>PROJECT 240.179</p>	

INDEX OF SHEETS	SHEETS
DEMOLITION PLAN	1
EROSION CONTROL PLAN	2
UTILITY PLAN	3
CONSTRUCTION DETAILS	4-5



VICINITY MAP
NOT TO SCALE

© 2008 MCNEIL-CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM WITHOUT THE WRITTEN APPROVAL OF MCNEIL-CARROLL ENGINEERING, INC.

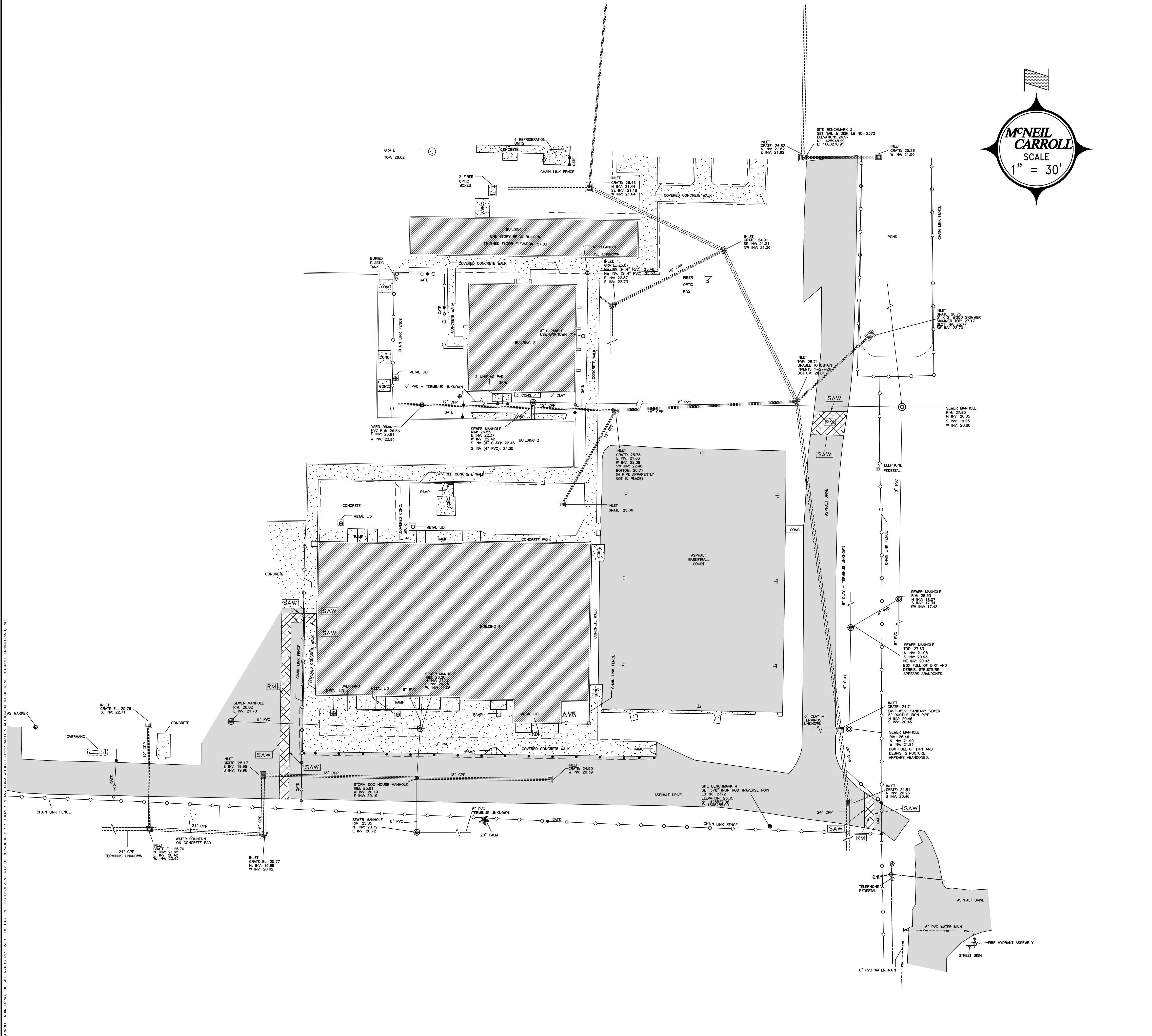
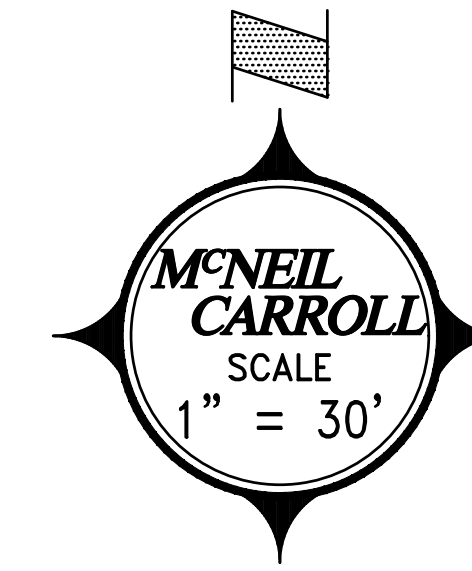
240.179 — ROSENWALD — FIRE MAIN EXTENSION

SITE DEMOLITION DRAWING NOTES:

1. SEE SYMBOL LEGEND ON THIS SHEET FOR SYMBOL INFORMATION AND REFERENCED DETAILS.
2. ALL DEMOLISHED MATERIALS (i.e., SIGNS, CONCRETE, ASPHALT, ETC...) TO BE REMOVED AND DISPOSED OF IN A LEGAL MANNER.
3. ALTHOUGH EVERY ATTEMPT TO LOCATE UNDERGROUND UTILITIES HAS BEEN MADE, THERE IS THE POSSIBILITY OF UNDERGROUND GAS, ELECTRICAL, WATER SEWER, ETC... THAT HAS NOT BEEN LOCATED. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR FOLLOWING REQUIRED WASTE MANAGEMENT PRACTICES AS DEFINED BY THE GOVERNING MUNICIPALITY.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL SUNSHINE ONE AT 811 FOR UTILITY LOCATES PRIOR TO CONSTRUCTION.

SYMBOL LEGEND

- [N1] (SEE NOTE 16, #1 - SEE NOTES ON THIS SHEET)
- [RM] (REMOVE EXISTING MATERIALS)
- [SAW] (SAW CUT AND REMOVE EXISTING MATERIALS)



PERMIT PURPOSES ONLY

DEMOLITION PLAN
ROSENWALD - FIRE MAIN EXTENSION
BAY DISTRICT SCHOOLS
 PANAMA CITY, FLORIDA

SCALE SHOWN
 DESIGNED BY: JFP
 DRAWN BY: JFP
 REVIEWED BY: SDM
 ISSUE DATE: 5/1/2026
 CD NO: 240.179201
 NOT RELEASED FOR CONSTRUCTION
 DATE:

McNEIL CARROLL
ENGINEERING, INC.
 Professional Engineering Consultants
 STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER: 7288

475 Harrison Avenue, Suite 200
 Panama City, Florida 32401
 850-763-5730

NO.	DATE	BY	REVISIONS
01			
02			
03			
04			
05			

Sean D. McNeil, P.E.
 PROFESSIONAL ENGINEER
 FL. LC. # 49393

Robert L. Carroll, P.E.
 PROFESSIONAL ENGINEER
 FL. LC. # 57889

05/04/26

SHEET NUMBER
1 OF 5
 240.179 - ROSENWALD - FIRE MAIN EXTENSION

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF McNEIL CARROLL ENGINEERING, INC. 5/17/2026 12:28 AM

SITE EROSION CONTROL DRAWING NOTES:

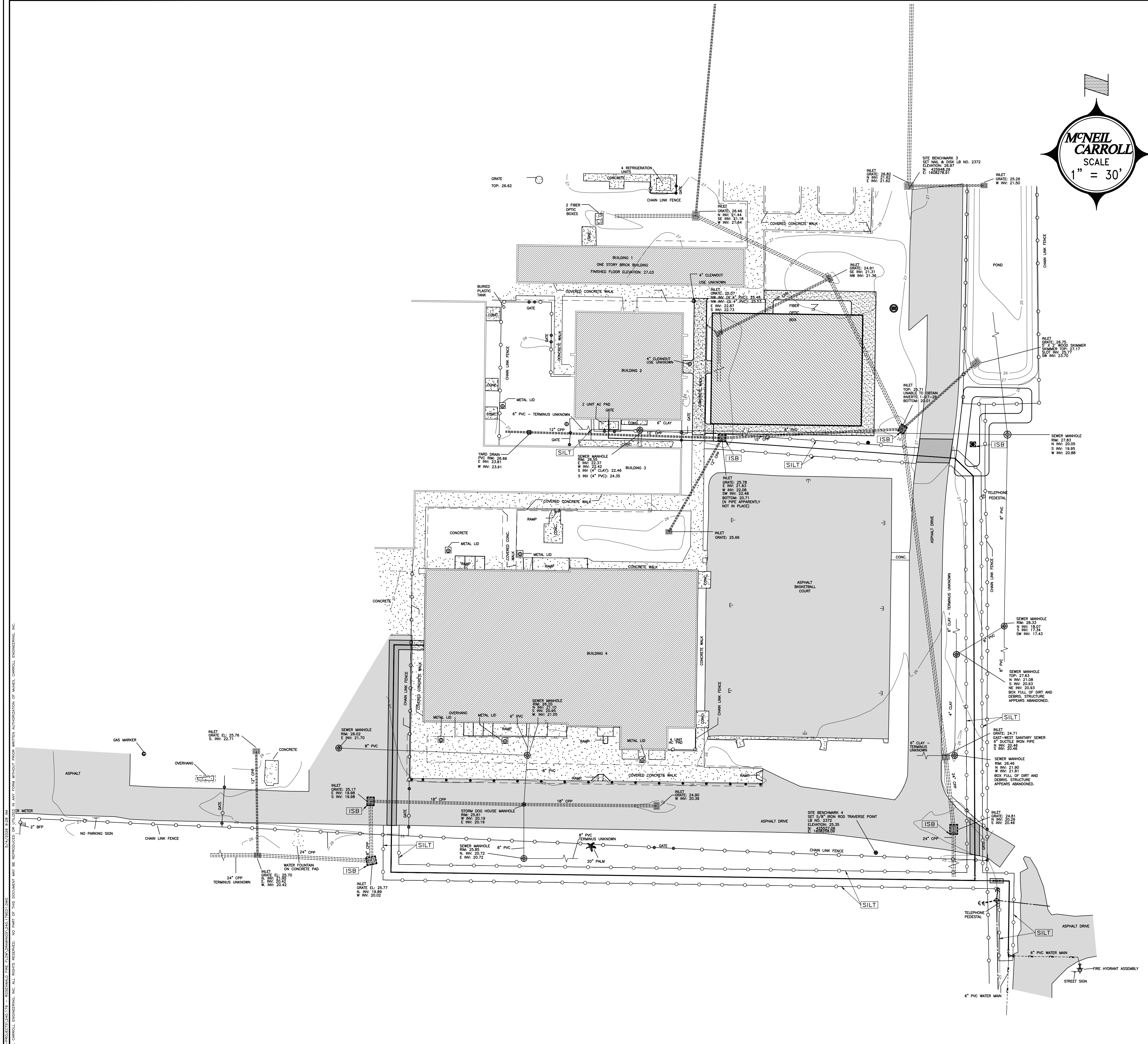
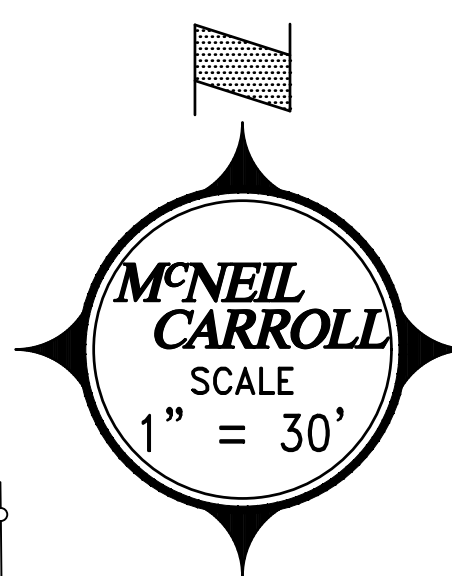
1. EROSION CONTROL SHALL BE MAINTAINED FOR THE DURATION FOR THE PROJECT.
2. ALL CONSTRUCTION OUTSIDE OF PROPERTY LINES IS SHOWN IN DETAIL ON PERMIT DRAWINGS. (SEE GENERAL NOTES.)
3. SEE SYMBOL LEGEND ON THIS SHEET FOR SYMBOL INFORMATION AND REFERENCED DETAILS.
4. SEE SECTIONS IN CONSTRUCTION DETAILS.
5. SILT FENCE TO BE INSTALLED AT PERIMETER OF SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT TO RESTRICT ANY TURBID RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
6. CONTROL OF SEDIMENT-LADEN RUNOFF SHALL BE PROVIDED WITH HAY BALES AND/OR GEOTEXTILE FABRICS. ALL CONTROL MEASURES SHALL BE PROPERLY LOCATED AND CONSTRUCTED TO PREVENT SEDIMENT TRANSPORT. THE MEANS FOR RETAINING THE SEDIMENTS WILL BE MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT IMPROVEMENTS ARE COMPLETED.
7. THE CONTRACTOR IS RESPONSIBLE FOR TREATING ALL ONSITE STORMWATER DRAINAGE AS REQUIRED TO MEET THE CRITERIA OF 62-3 FLORIDA ADMINISTRATIVE CODE, F.A.C. PRIOR TO DISCHARGE.
8. ALL CATCH BASINS, INLETS AND ACCESS TO UNDERGROUND STORMWATER SYSTEMS SHALL BE PROTECTED IN ACCORDANCE WITH THE ATTACHED DETAILS.
9. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE TERMS AND CONDITIONS OF ANY STORMWATER PERMITS THAT MAY APPLY (FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, FLORIDA DEPARTMENT OF TRANSPORTATION, BAY COUNTY, WATER MANAGEMENT DISTRICT, ETC.).
10. CONSTRUCTION DRIVES SHALL SLOPE AWAY FROM THE ROADWAY AT A MINIMUM SLOPE OF 2.00% TO DISTANCE OF NOT LESS THAN 15 FEET FROM THE EDGE OF PAVEMENT. THE MAXIMUM WIDTH OF THE DRIVE SHALL BE 30 FEET WITH #57 GRAVEL SURFACE 6 INCHES THICK. SIGNS SHALL BE PLACED (IN ACCORDANCE WITH CITY AND STATE REQUIREMENTS) TO WARN APPROACHING DRIVERS AND PEDESTRIANS.
11. THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR FOLLOWING REQUIRED WASTE MANAGEMENT PRACTICES AS DEFINED IN THE BAY COUNTY MUNICIPAL CODE SECTION 22-91 "UNLAWFUL DISPOSAL OF WASTE, FAILURE TO DELIVER WASTE", WHICH MAKES IT UNLAWFUL FOR ANY PERSON TO DUMP, LEAVE OR BURY ANY SOLID WASTE ON PUBLIC OR PRIVATE PROPERTY.
12. THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING COVERAGE UNDER THE DEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES PRIOR TO START OF CONSTRUCTION OR ANY DISTURBANCE OF LAND GREATER THAN ACRE. THE DEVELOPER/CONTRACTOR WILL FORWARD A COPY OF THE PERMIT AND WILL PROVIDE 48 HOUR NOTIFICATION TO THE APPROPRIATE AGENCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. ALL REQUIRED ELEMENTS OF THE SWPP MUST BE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION. FAILURE TO COMPLY COULD RESULT IN CODE ENFORCEMENT ACTION AND FINES.
13. QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND/OR WITHIN 24 HOURS OF THE END OF A STORM EVENT (RAINFALL) THAT IS 1/2 INCH OR GREATER:
 - A. POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
 - B. POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM WATER SYSTEMS.
 - C. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
 - D. AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
 - E. STRUCTURAL CONTROLS.
 - F. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.
14. THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTION THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAGES AND DAILY RAINFALL RECORDS. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT AND CERTIFY THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.
15. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH, AS NEEDED.
16. RECORDS OF THE INSPECTIONS AND THE CONSTRUCTION PERMIT MUST BE MAINTAINED AT THE CONSTRUCTION SITE AND BE READILY AVAILABLE FOR INSPECTION.
17. ALL STORMWATER MANAGEMENT FACILITIES AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, DEMOLITION OR OTHER DISTURBANCE TO THE SUBJECT SITE.

CONSTRUCTION SEQUENCE AND BMP'S NFWMD

18. THE INITIAL PART OF THE CONSTRUCTION PROCESS SHALL BE THE INSTALLATION OF SILT FENCE AROUND THE PERIMETER OF THE AREA THAT IS TO BE DISTURBED TO ENSURE NO TURBID RUNOFF LEAVES THE CONSTRUCTION SITE. THE SILT FENCE SHALL BE INSTALLED PER THE CONSTRUCTION DETAILS. IF THERE IS A POSSIBILITY OF RUNOFF TO A WATER BODY, TURBIDITY CURTAIN SHALL BE INSTALLED PER THE CONSTRUCTION DETAILS. THE SECOND STEP SHALL BE THE INSTALLATION OF THE CONSTRUCTION ENTRANCE AND DEMOLITION OF ANY EXISTING IMPROVEMENTS AS NEEDED (SEE DEMOLITION PLAN). THE THIRD STEP SHALL BE TO CLEAR AND GRUB AREAS WHERE IMPROVEMENTS ARE TO BE INSTALLED. AS FILL IS BROUGHT INTO THE SITE, THE STORMWATER BASIN SHOULD BE CREATED TO CAPTURE ANY OVERLAND FLOW AND ACT AS A SEDIMENT TRAP. IT IS RECOMMENDED THE BASIN BE CONSTRUCTED APPROXIMATELY 1/2' HIGHER THAN DESIGN AT THIS POINT TO ENSURE ALL SILTS AND FINES ARE REMOVED AT THE TIME OF FINAL GRADING OF THE STORMWATER BASIN.
19. TYPICALLY, THE SANITARY SEWER, STORM SEWER, AND WATER MAINS ARE INSTALLED RESPECTIVELY. UPON INSTALLATION OF THE STORM SEWER, HAY BALES AND FILTER FABRICS SHALL BE USED AT ALL INLET OPENINGS PER THE CONSTRUCTION DETAILS TO KEEP THE SYSTEM FREE OF SEDIMENTS DURING THE CONSTRUCTION PHASE. DEPENDING ON SITE CONDITIONS AND SIZE, SEDIMENT TRAPS SHALL BE UTILIZED TO PREVENT TURBID RUNOFF FROM LEAVING THE SITE (SEE EROSION CONTROL PLAN).
20. SITE STABILIZATION SHALL BE PROVIDED AS SOON AS THE GRADING WILL ALLOW IN ORDER TO STOP EROSION AND REDUCE TURBID RUNOFF. SEEDING, SODDING, OR HYDROSEEDING SHALL BE USED WHEN FINAL GRADES ARE ESTABLISHED.
21. EROSION CONTROL MEASURES SHALL BE UTILIZED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT AND BE MANAGED IN ACCORDANCE WITH THE STATE NPDES PROGRAM.
22. THE DESIGN OF THE STORMWATER MANAGEMENT SYSTEM FOR THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT.
23. THE ENGINEER OF RECORD IS RESPONSIBLE FOR MONITORING CONSTRUCTION OF THE STORMWATER MANAGEMENT FACILITY AND SUBMITTING TO THE APPROPRIATE AGENCY NOTICE OF COMMENCEMENT AND AS-BUILT CERTIFICATIONS FOR THE PROJECT WHEN COMPLETED.

SYMBOL LEGEND

- (→) (STORMWATER SURFACE FLOW)
- (ISB) (INLET SEDIMENT BARRIER - SEE CONSTRUCTION DETAILS)
- (SILT) (SILT FENCE - SEE CONSTRUCTION DETAILS)
- (PVG) (24" WIDE x 50" DEEP FDOT #1 OR #2 GRAVEL CONSTRUCTION ENTRANCE 6" THICK)



PERMIT PURPOSES ONLY

EROSION CONTROL PLAN
ROSENWALD - FIRE MAIN EXTENSION
BAY DISTRICT SCHOOLS
 PANAMA CITY, FLORIDA

SCALE SHOWN
 DESIGNED BY: JFP
 DRAWN BY: JFP
 REVIEWED BY: SDM
 ISSUE DATE: 5/1/2026
 CD No: 240.179001
 NOT RELEASED FOR CONSTRUCTION DATE:

McNEIL CARROLL
ENGINEERING, INC.
 Professional Engineering Consultants
 STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER: 7288

475 Harrison Avenue, Suite 200
 Panama City, Florida 32401
 850-763-5730

NO.	DATE	BY	REVISIONS
01			
02			
03			
04			
05			

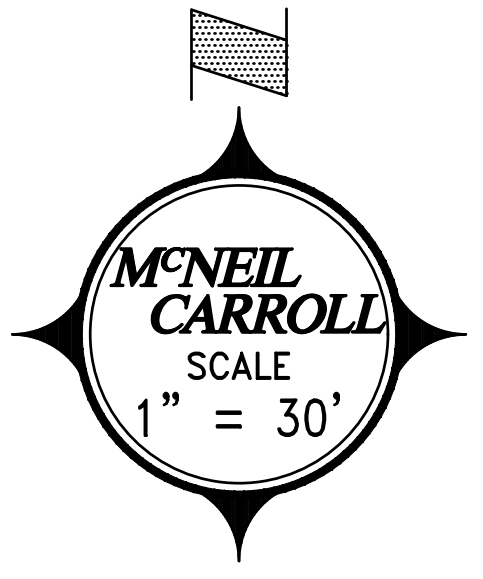
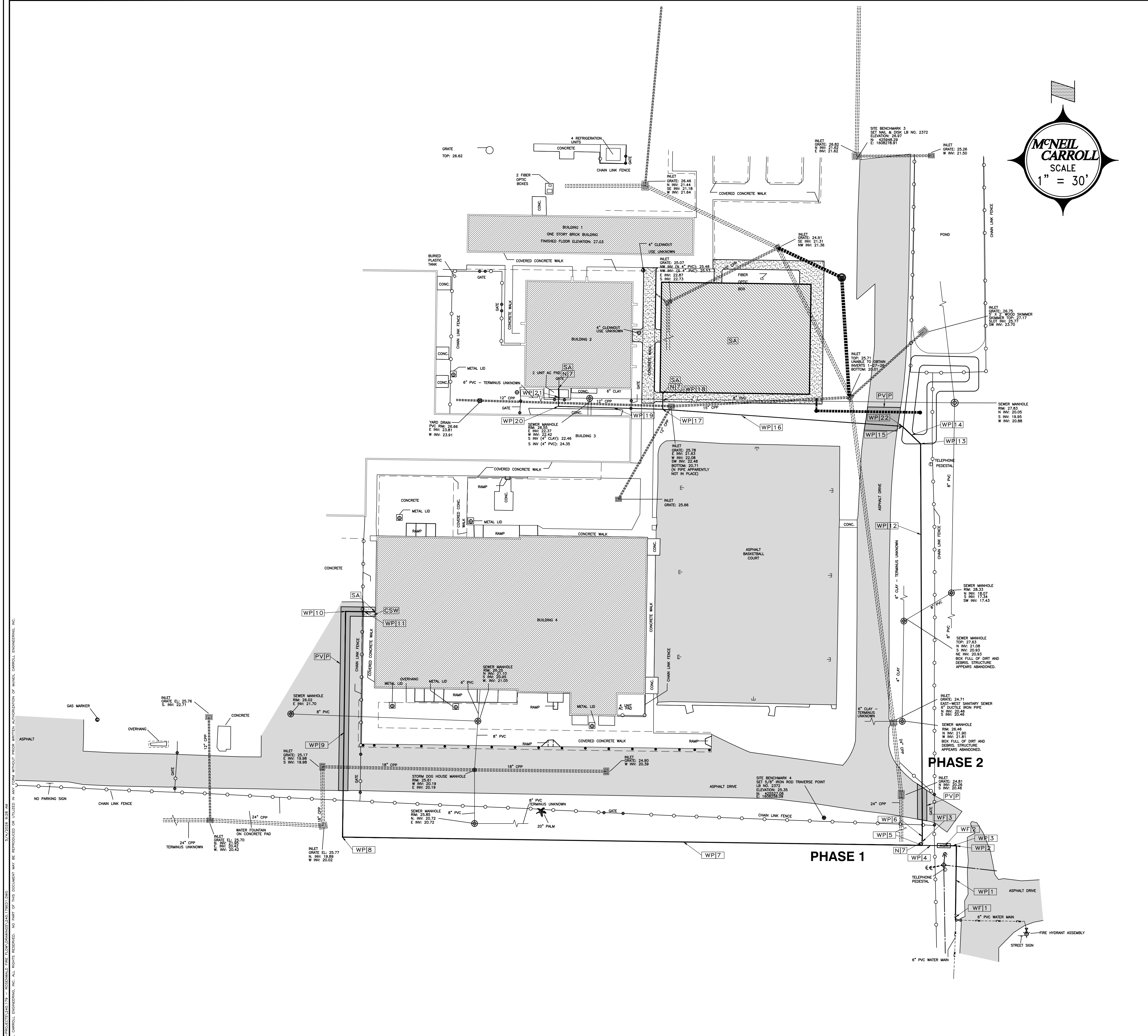
Sean D. McNeil, P.E.
 PROFESSIONAL ENGINEER
 FL. LC. # 83303

Robert L. Carroll, P.E.
 PROFESSIONAL ENGINEER
 FL. LC. # 57883

05/04/26

SHEET NUMBER
2 OF 5
 240.179 - ROSENWALD - FIRE MAIN EXTENSION

McNEIL-CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF McNEIL-CARROLL ENGINEERING, INC.



- SITE UTILITY DRAWING NOTES:**
- SEE SYMBOL LEGEND ON THIS SHEET FOR SYMBOL INFORMATION AND REFERENCED DETAILS.
 - SEE SECTION AND DETAILS IN CONSTRUCTION DETAILS.
 - ALL PROPOSED UTILITIES SHALL BE PLACED UNDERGROUND.
 - CONTRACTOR SHALL PROVIDE McNEIL CARROLL ENGINEERING, INC. FIVE (5) SETS AND ONE (1) DIGITAL COPY (AUTOCAD FORMAT) OF AS-BUILT DRAWINGS OF THE COMPLETED PROJECT. DRAWINGS SHALL BE PREPARED AND SIGNED & SEALED BY A FLORIDA REGISTERED SURVEYOR.
 - IT IS THE CONTRACTORS RESPONSIBILITY TO CALL SUNSHINE ONE AT 811 FOR UTILITY LOCATES PRIOR TO CONSTRUCTION.
 - ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION AND SODDED PER FDOT INDEX 105.
 - CONTRACTOR SHALL REMOVE 6" GATE VALVE ASSEMBLY AND CONNECT PHASE 2 TO PHASE 1. CONTRACTOR SHALL RETURN 6" GATE VALVE ASSEMBLY TO BAY DISTRICT SCHOOLS.

- SYMBOL LEGEND**
- [CSW] CONCRETE SIDEWALK - SEE CONSTRUCTION DETAILS
 - [N1] (SEE NOTE IN #1 - SEE NOTES THIS SHEET)
 - [PVP] PAVEMENT PATCH - SEE CONSTRUCTION DETAILS
 - [SA] (SEE ARCHITECTURAL PLANS FOR CONNECTION)
 - [WF14] (SEE WATER FIXTURE SCHEDULE THIS SHEET IN #14 - SEE CONSTRUCTION DETAILS)
 - [WPI10] (SEE WATER PIPE SCHEDULE THIS SHEET IN #10 - SEE CONSTRUCTION DETAILS)

PHASE 1 WATER MAIN PIPE SCHEDULE			
NO.	SIZE	LF	TYPE
WP1	6"	45	PVC
WP2	6"	N/A	90° ELBOW
WP3	6"	5	PVC
WP4	6"	5	PVC
WP5	6x6x6	N/A	TEE
WP6	6"	5	PVC WITH CAP
WP7	6"	371	PVC
WP8	6"	N/A	90° ELBOW
WP9	6"	144	PVC
WP10	6"	N/A	90° ELBOW
WP11	6"	19	PVC

PHASE 1 WATER FIXTURE SCHEDULE	
NO.	TYPE
WF1	6" GATE VALVE ASSEMBLY
WF2	6" DETECTOR CHECK VALVE ASSEMBLY W/ FIRE DEPARTMENT CONNECTION
WF3	6" GATE VALVE ASSEMBLY

LESS THAN 4" WATER MAIN - ASTM D2241 SDR-21
 4"-6" WATER MAIN - AWWA C900 DR18
 8"-12" WATER MAIN - AWWA C900 DR25
 ALL LINES SHALL BE THE COLOR BLUE.

PHASE 2 WATER MAIN PIPE SCHEDULE			
NO.	SIZE	LF	TYPE
WP12	6"	257	PVC
WP13	6"	N/A	45° ELBOW
WP14	6"	16	PVC
WP15	6"	N/A	45° ELBOW
WP16	4"	153	PVC
WP17	4x4x4	N/A	TEE
WP18	4"	11	PVC
WP19	4"	68	PVC
WP20	4"	N/A	90° ELBOW
WP21	4"	12	PVC
WP22	4x6	N/A	REDUCER

LESS THAN 4" WATER MAIN - ASTM D2241 SDR-21
 4"-6" WATER MAIN - AWWA C900 DR18
 8"-12" WATER MAIN - AWWA C900 DR25
 ALL LINES SHALL BE THE COLOR BLUE.

PANAMA CITY UTILITY CONTACTS		
UTILITY	CONTACT	
TELEPHONE	SUNSHINE STATE ONE CALL	1-800-432-4770
ELECTRIC	GULF POWER	1-850-872-3212
CABLE TV	COMCAST	1-850-769-0392
	WOW CABLE	1-850-747-0139
WATER & SEWER	CITY OF PANAMA CITY	1-850-872-3195
	TECO PEOPLES GAS	1-850-872-6140
GAS	FLORIDA GAS TRANSMISSION	1-800-432-4770

PERMIT PURPOSES ONLY

UTILITY PLAN
ROSENWALD - FIRE MAIN EXTENSION
BAY DISTRICT SCHOOLS
 PANAMA CITY, FLORIDA

SCALE SHOWN
 DESIGNED BY: JFP
 DRAWN BY: JFP
 REVIEWED BY: SDM
 ISSUE DATE: 5/1/2026
 CD NO: 240.179.001
 NOT RELEASED FOR CONSTRUCTION
 DATE:

McNEIL CARROLL
ENGINEERING, INC.
 Professional Engineering Consultants
 STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER: 7288

475 Harrison Avenue, Suite 200
 Panama City, Florida 32401
 850-763-5730

NO.	DATE	BY	REVISIONS
01			
02			
03			
04			
05			

Sean D. McNeil, P.E.
 PROFESSIONAL ENGINEER
 FL. LIC. # 43503

Robert L. Carroll, P.E.
 PROFESSIONAL ENGINEER
 FL. LIC. # 57885

05/04/26

SHEET NUMBER
3 OF 5
 240.179 - ROSENWALD - FIRE MAIN EXTENSION

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT THE WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC. 5/1/2026 10:28 AM

GENERAL NOTES

PREVENTION, CONTROL AND ABATEMENT OF EROSION

ALL ON AND OFF SITE WORK INCLUDED CONSISTS OF BUT NOT LIMITED TO THE FOLLOWING:

- 10.2643; SEEDING AND MULCHING OR SODDING FOR STABILIZATION.
- CONSTRUCTION OF SEDIMENT BASINS, CHECK DAMS OR FLOATING BARRIERS.
- PLACEMENT OF SILTATION FENCES DURING THE COURSE OF CONSTRUCTION.

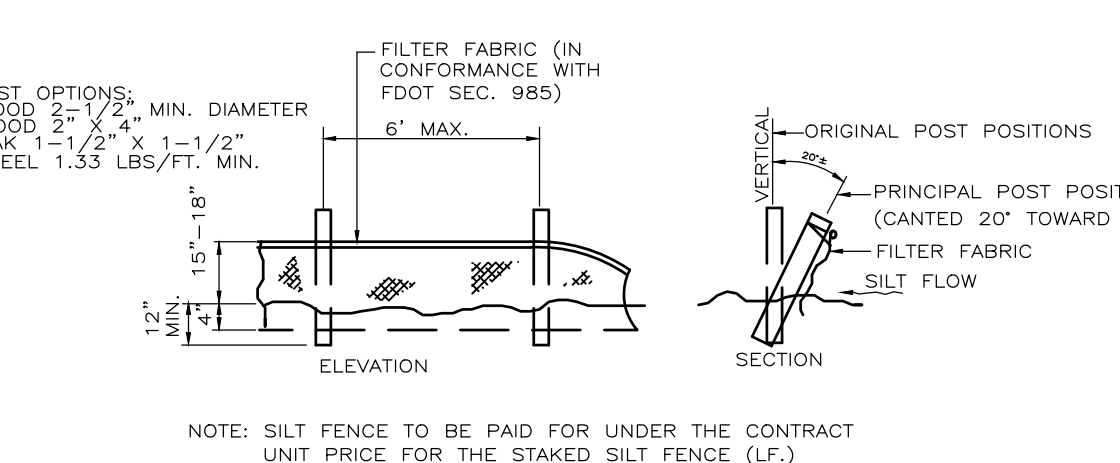
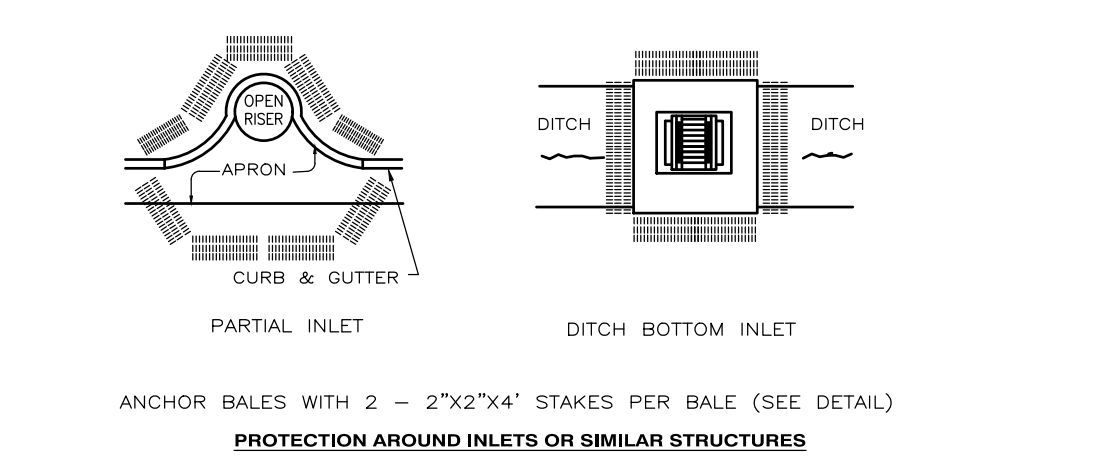
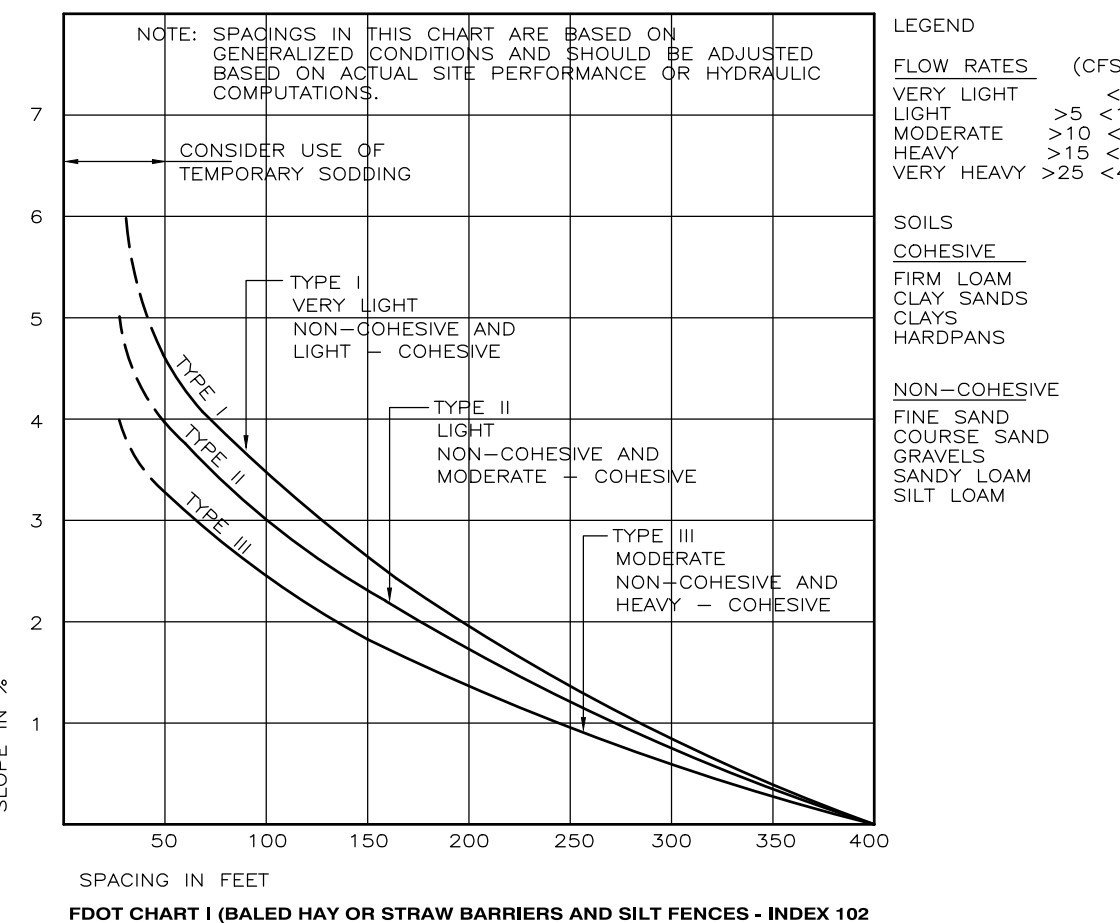
SILT FENCE TO BE INSTALLED AT PERIMETER OF SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT TO RESTRICT ANY TURBID RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

CONTROL OF SEDIMENT-LADEN RUNOFF SHALL BE PROVIDED WITH HAY BALES AND/OR GEOTECH STYLE FABRICS. ALL CONTROL MEASURES SHALL BE PROPERLY LOCATED AND CONSTRUCTED TO PREVENT SEDIMENT TRANSPORT. THE MEANS FOR RETAINING THE SEDIMENTS WILL BE MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT IMPROVEMENTS ARE COMPLETE.

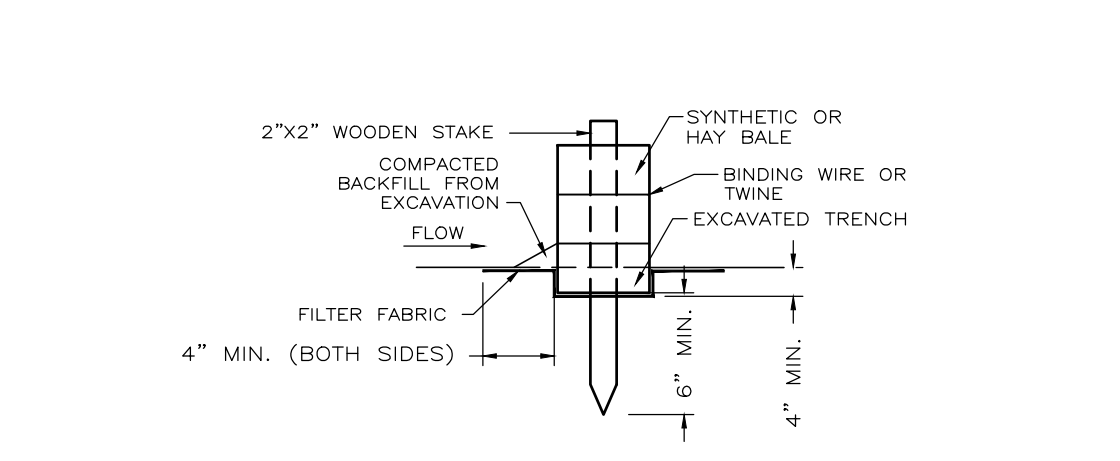
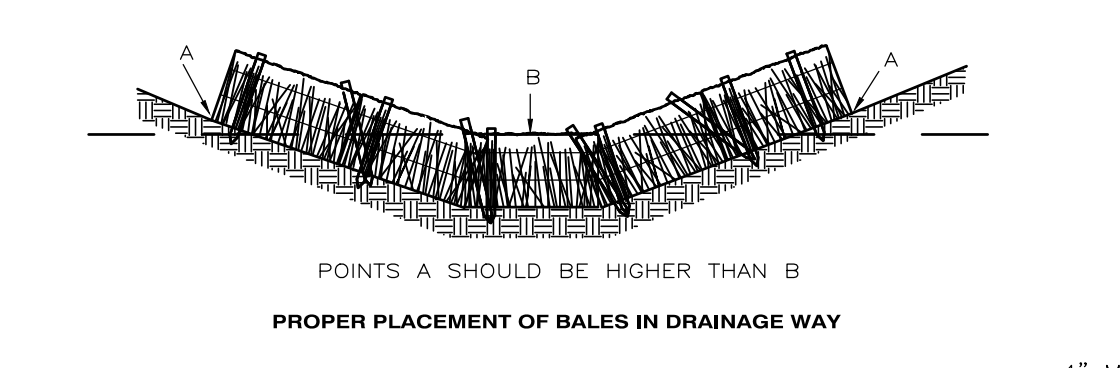
THE CONTRACTOR IS RESPONSIBLE FOR TREATING ALL ONSITE STORM WATER DRAINAGE AS REQUIRED TO MEET THE CRITERIA OF 62-3 FLORIDA ADMINISTRATIVE CODE, F.A.C. PRIOR TO DISCHARGE.

ALL CATCH BASINS, INLETS AND ACCESS TO UNDERGROUND STORM WATER SYSTEMS SHALL BE PROTECTED IN ACCORDANCE WITH THE ATTACHED DETAILS.

THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE TERMS AND CONDITIONS OF ANY STORM WATER PERMITS THAT MAY APPLY (FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, FLORIDA DEPARTMENT OF TRANSPORTATION, BAY COUNTY, WATER MANAGEMENT DISTRICT, ETC.).



NOTE: LD,315,10,252;00 NOT DEPLOY SILT FENCES IN A MANNER THAT WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND AS TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER. SILT FENCE SHOULD BE REPLACED EVERY SIX (6) MONTHS. SILT FENCE SHALL EXTEND A MINIMUM OF 4" BELOW GRADE. SILT FENCE SHALL EXTEND 4" AWAY FROM STAKES.



EROSION CONTROL DETAILS
NOT TO SCALE

WORK IN RIGHTS-OF-WAYS

ALL WORK WITHIN RIGHTS-OF-WAYS SHALL BE IN STRICT ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE RESPECTIVE AGENCIES. THE CONTRACTOR SHALL COOPERATE WITH THE GOVERNING STATE AND LOCAL AGENCIES IN ALL PROCEDURES, MATERIALS AND METHODS OF CONSTRUCTION.

CONSTRUCTION OF DRIVEWAY CONNECTIONS TO EXISTING MUNICIPAL ROADWAYS AS SHOWN ON PLANS. PLACE ABOVE OR BELOW GROUND UTILITIES AND CONNECTION TO EXISTING UTILITIES AS SHOWN ON PLANS.

SITE CLEARING AND DEMOLITION

ANY WORK WITHIN STREET OR HIGHWAY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNMENTAL AGENCIES HAVING JURISDICTION AND SHALL NOT BEGIN UNTIL THESE GOVERNING AUTHORITIES HAVE BEEN NOTIFIED AND PROPER PERMITS OBTAINED. KEEP ALL AREAS WITHIN THE CONSTRUCTION AREA SUFFICIENTLY DAMPENED TO PREVENT DUST FROM RISING DUE TO CONSTRUCTION. COMPLY WITH ALL ANTI-POLLUTION ORDINANCES.

THIS SUBCONTRACTOR SHALL SEE TO IT THAT TRUCKS LEAVING THE SITE SHALL DO SO IN SUCH A MANNER THAT MUD AND EARTH WILL NOT BE DEPOSITED ON ADJACENT STREET PAVEMENTS. ANY MUD OR EARTH DEPOSITED ON STREET PAVEMENTS SHALL BE PROMPTLY REMOVED BY THIS SUBCONTRACTOR.

ALL CLEARING SHALL BE PERFORMED IN A MANNER SUCH AS TO PREVENT ANY WASH-OFF OF SOILS FROM THE SITE INTO STREAMS AND/OR STORM DRAINAGE SYSTEMS. APPROPRIATE SEDIMENTATION PONDS, DICES, COLLARS, AND FILTER MEDIA SHALL BE EMPLOYED TO INSURE COMPLIANCE WITH THESE REQUIREMENTS. WHERE A SPECIFIC STATUTE GOVERNS THESE PROCEDURES, SUCH STATUTE SHALL BE COMPLIED WITH IN ITS ENTIRETY.

TOPSOIL IS DEFINED AS FRIABLE, CLAY LOAM SURFACE SOIL FOUND IN A DEPTH OF NOT LESS THAN 4". SATISFACTORY TOPSOIL IS REASONABLY FREE OF SUBSOIL, CLAY LUMPS, STONES, AND OTHER OBJECTS OVER 2" IN DIAMETER, AND WITHOUT WEEDS, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.

STRIP TOPSOIL TO WHATEVER DEPTHS ENCOUNTERED IN A MANNER TO PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL OTHER OBJECTIONABLE MATERIAL.

REMOVE HEAVY GROWTHS OF GRASS FROM AREAS BEFORE STRIPPING. WHERE TREES ARE INDICATED TO BE LEFT STANDING, STOP TOPSOIL STRIPPING A SUFFICIENT DISTANCE TO PREVENT DAMAGE TO MAIN ROOT SYSTEM. DISPOSE OF UNSUITABLE OR EXCESS TOPSOIL SAME AS WASTE MATERIAL, HEREIN SPECIFIED.

BURNING WILL NOT BE PERMITTED ON PROJECT SITE. ALL EXISTING STRUCTURES, UTILITIES AND OTHER OBSTACLES IN CONFLICT WITH THE PROPOSED FACILITY SHALL BE REMOVED AND DISPOSED OF IN A LEGAL MANNER. SEE OTHER UTILITY AND MISCELLANEOUS NOTES CONCERNING REMOVAL.

ALLOW TESTING SERVICES TO INSPECT AND APPROVE SUBGRADE AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS PERFORMED.

ATTENTION IS CALLED TO THE FACT THAT THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES TO OBTAIN LOCATIONS OF ALL EXISTING UTILITIES OR OBSTRUCTIONS WHICH HE MAY ENCOUNTER DURING CONSTRUCTION.

AFTER LOCATION OF UTILITIES BY THE APPROPRIATE UTILITY COMPANY, IT IS THE CONTRACTOR'S LIABILITY TO PROTECT ALL SUCH UTILITY LINES, INCLUDING SERVICE LINES AND APPURTENANCES, AND TO REPLACE AT HIS OWN EXPENSE ANY WHICH MAY BE DAMAGED BY THE CONTRACTOR'S EQUIPMENT OR FORCES DURING CONSTRUCTION.

TO PROTECT PERSON FROM INJURY AND TO AVOID PROPERTY DAMAGE, ADEQUATE BARRICADES, CONSTRUCTION SIGNS, TORCHES, RED LANTERNS AND GUARDS AS REQUIRED SHALL BE PLACED AND MAINTAINED DURING THE PROGRESS OF THE CONSTRUCTION WORK.

ADEQUATE PROVISION SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS, AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION AND THE STRUCTURES WHICH MAY HAVE BEEN DISTURBED SHALL BE SATISFACTORILY RESTORED BY THE CONTRACTOR.

EXCAVATING, FILLING AND GRADING

ALL ON AND OFF-SITE WORK INCLUDED CONSISTS OF BUT IS NOT LIMITED TO THE FOLLOWING: ALL ON AND OFF-SITE PREPARATION WORK FOR EXCAVATION, PIPE BED PREPARATION AND BACKFILL FOR UNDERGROUND UTILITIES.

REMOVAL OF ALL EXCESS OR UNSUABLE MATERIAL. APPROVAL REQUIRED: ALL FILL MATERIAL SHALL BE SUBJECT TO APPROVAL OF THE GEO-TECHNICAL ENGINEER.

ALL ON-SITE FILL MATERIAL SHALL BE SOIL-ROCK MIXTURE WHICH IS FREE FROM ORGANIC MATTER (LESS THAN 3% BY IGNITION), AND OTHER DELETERIOUS SUBSTANCE. IT SHALL CONTAIN NO ROCKS OR LUMPS OVER SIX (6) INCHES IN GREATEST DIMENSION AND NOT MORE THAN 15% OF THE ROCKS OR LUMPS BY DRY WEIGHT, SHALL BE LARGER THAN 2 AND 1/2 INCHES IN GREATEST DIMENSION.

ALL IMPORTED FILL MATERIAL SHALL MEET THE REQUIREMENTS OF ON-SITE FILL MATERIAL AND SHALL, IN ADDITION, BE PREDOMINANTLY GRANULAR WITH A MAXIMUM PARTICLE SIZE OF TWO (2) INCHES AND A PLASTICITY INDEX OF 12 OR LESS.

ALL ON-SITE FILL MATERIAL USED FOR TRENCH AND STRUCTURAL BACKFILL SHALL MEET THE REQUIREMENTS OF ARTICLE ABOVE.

ALL IMPORTED COHESIONLESS MATERIAL USED FOR TRENCH AND STRUCTURAL BACKFILL SHALL BE FREE FROM ORGANIC SUBSTANCE (LESS THAN 3% BY IGNITION), AND OTHER DELETERIOUS MATTER, SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

PRIOR TO ALL WORK OF THIS SECTION, CONTRACTOR IS TO BECOME THOROUGHLY FAMILIAR WITH THE SITE, THE SITE CONDITIONS, AND ALL PORTIONS OF THE WORK, FALLING WITHIN THIS SECTION.

DO NOT ALLOW OR CAUSE ANY OF THE WORK PERFORMED OR INSTALLED TO BE COVERED UP OR ENCLOSED BY WORK OF THIS SECTION PRIOR TO ALL REQUIRED INSPECTIONS, TESTS AND APPROVALS.

AFTER THE WORK HAS BEEN COMPLETELY TESTED, INSPECTED AND APPROVED, MAKE ALL REPAIRS AND REPLACEMENTS NECESSARY TO RESTORE THE WORK TO THE CONDITION IN WHICH IT WAS FOUND AT THE TIME OF UNCOVERING. ALL AT NO ADDITIONAL COST TO THE OWNER.

FOR SETTING AND ESTABLISHING FINISH ELEVATIONS AND LINES, SECURE THE SERVICES OF A REGISTERED CIVIL ENGINEER OR LAND SURVEYOR ACCEPTABLE TO THE OWNER. CAREFULLY PRESERVE ALL DATA AND ALL MONUMENTS SET BY THE CIVIL ENGINEER OR LAND SURVEYOR, AND IF DISPLACED OR LOST, IMMEDIATELY REPLACE TO THE ORIGINAL LOCATION OF THE OWNER AND AT NO ADDITIONAL COST TO THE OWNER.

PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SERVICES, ETC. NECESSARY AND INCIDENTAL TO THE COMPLETION OF ALL EARTHWORK AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS. ALL OFF-SITE WORK INCLUDED CONSISTS OF BUT IS NOT LIMITED TO THE FOLLOWING: THIS WORK CONSISTS OF GRADING IN ORDER TO ACHIEVE FINISHED ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS.

ALL GRADED SURFACES SHALL BE SMOOTH AND UNIFORM, WITHOUT ABRUPT CHANGES IN SLOPE OR GRADE. AREAS TO BE COVERED WITH PAVING SHALL BE FINE GRADED TO THE REQUIRED ELEVATIONS AND SLOPES. FINISHED SURFACES IN ALL OTHER AREAS MAY VARY UP TO 0.1 FEET FROM THE REQUIRED ELEVATIONS.

PERFORM EXCAVATION WORK IN COMPLIANCE WITH APPLICABLE REQUIREMENTS OF GOVERNING AUTHORITIES HAVING JURISDICTION. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH SECTION 120 OF THE STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

EMPLOY, AT CONTRACTOR'S EXPENSE, DESIGN LABORATORY TO PERFORM SOIL TESTING AND INSPECTION SERVICE FOR QUALITY CONTROL TESTING DURING EARTHWORK OPERATIONS. SUBMIT FOLLOWING REPORTS DIRECTLY TO ENGINEER AND COPIES TO CITY ENGINEERING DEPARTMENT FROM THE TESTING SERVICES, WITH COPY TO THE CONTRACTOR.

TEST REPORTS ON BORROW MATERIAL. FIELD DENSITY TEST REPORTS. ONE OPTIMUM MOISTURE-MAXIMUM DENSITY CURVE FOR EACH TYPE OF SOIL ENCOUNTERED.

WHERE REQUIRED, THE SITE SHALL BE EXCAVATED TO THE GRADES COURSE. EXCAVATED MATERIAL THAT IS SUITABLE SHALL BE USED IN THE FILL SECTIONS OF THE SITE. NO SUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE. ANY EXCESS SUITABLE MATERIAL SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER.

EXCAVATION FOR MANHOLES, CATCH BASINS, AND OTHER ACCESSORIES SHALL BE SUFFICIENT TO LEAVE AT LEAST 12 INCHES IN THE CLEAR BETWEEN THEIR OUTER SURFACES AND THE EMBANKMENT OF TIMBER THAT MAY BE USED TO PROTECT THEM.

SOD BLOCKS SHALL BE PLACED WITH STAGGERED TRANSVERSE JOINTS.

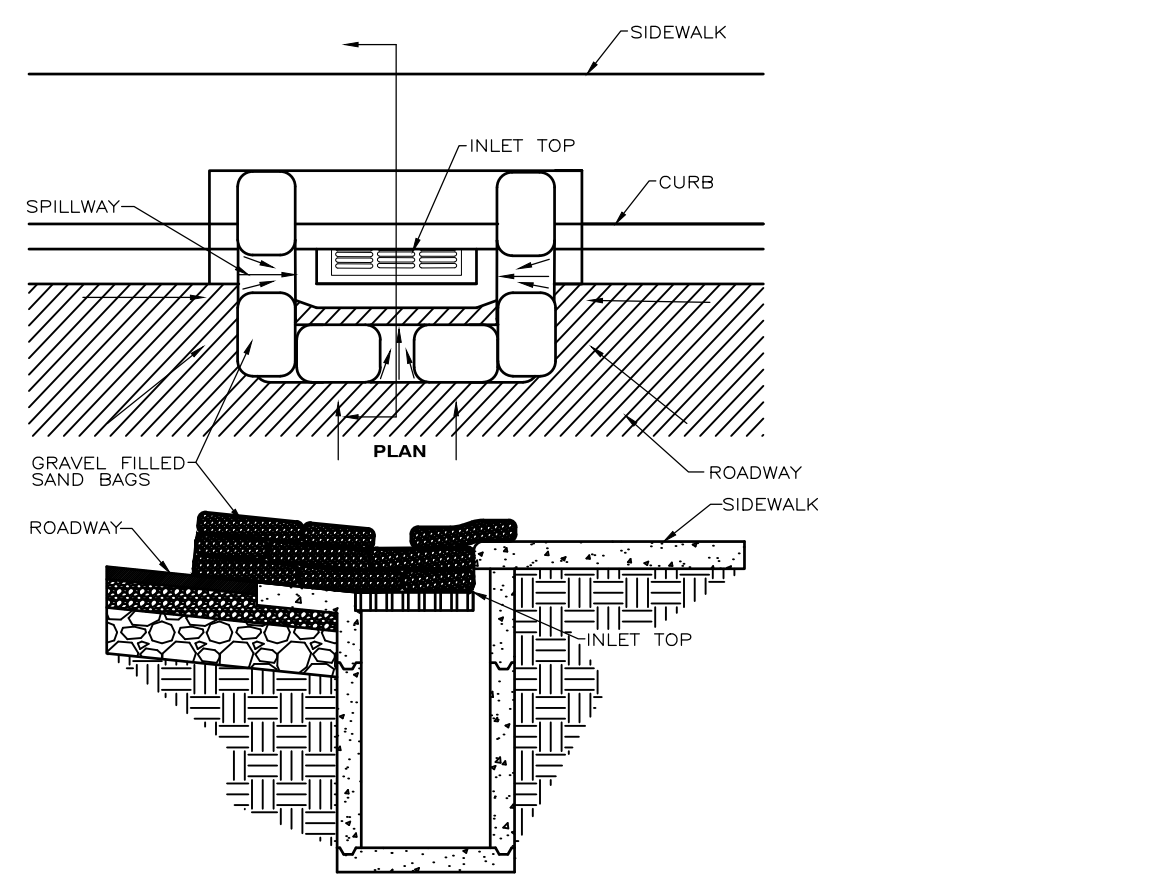
THIS WORK CONSISTS OF SODDING AREAS CLEARED DURING CONSTRUCTION AND NOT PAVED, OR AS OTHERWISE SHOWN ON THE CONSTRUCTION PLANS. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH SECTION 570, 571, 573, OR 575 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST REVISION.

USE ST. AUGUSTINE GRASS (FLORATAM) SOD. THE SOD SHALL BE LIVE, FRESH AND UNINJURED AT THE TIME OF PLANTING AND SHALL HAVE A THICK MAT OF ROOTS WITH ENOUGH ADHERING SOIL TO ASSURE GROWTH. APPLY SOD WITHIN 72 HOURS OF CUTTING OR STACKING TO KEEP MOIST.

PREPARE THE GROUND BY LOOSENING THE SOIL. PLACE SOD ON THE PREPARED SOIL WITH EDGES IN CLOSE CONTACT. STAGGER THE SOD PIECES SO AS TO AVOID A CONTINUOUS DOWNHILL SEAM. TAMP THE OUTER EDGES OF THE SODDED AREA TO PRODUCE A SMOOTH CONTOUR.

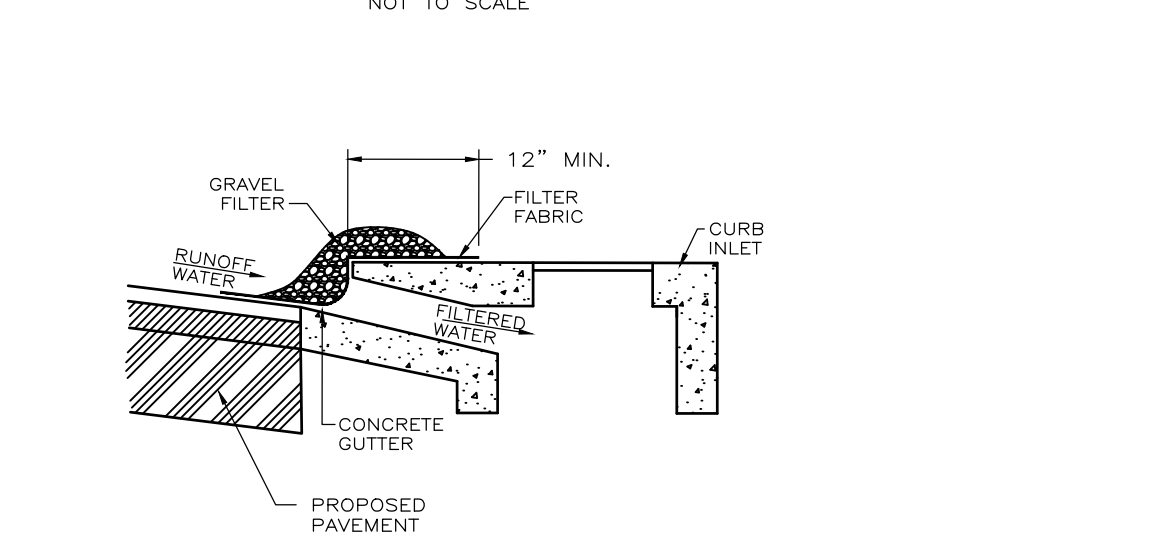
KEEP SOD CONTINUOUSLY MOIST TO A DEPTH BELOW THE ROOT ZONE FOR THREE WEEKS AFTER PLACEMENT.

SODDING DETAIL
NOT TO SCALE



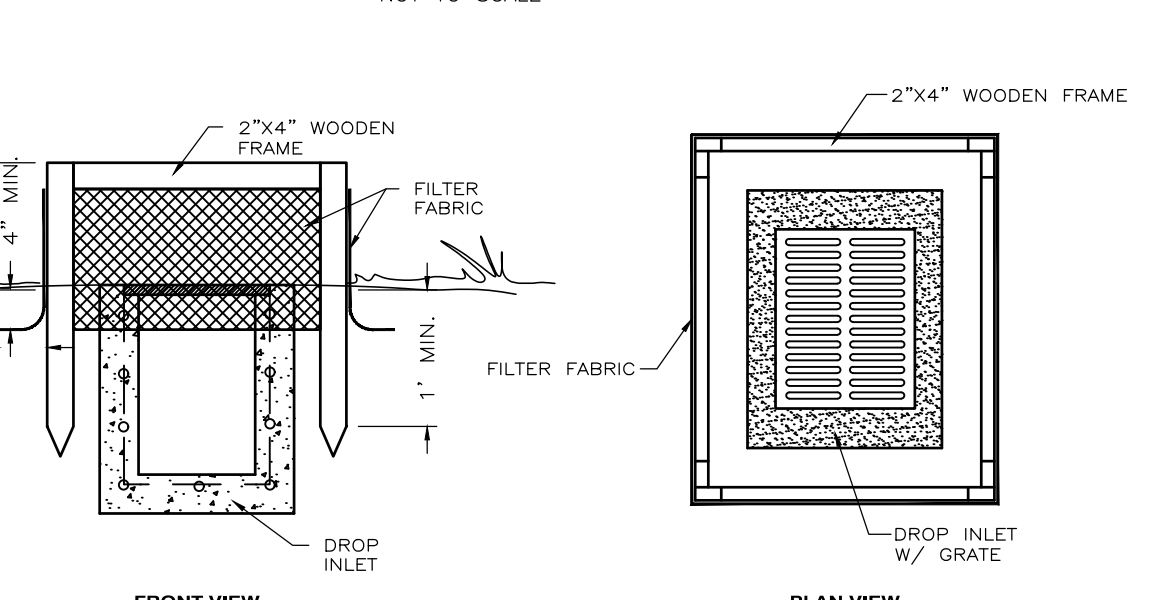
- NOTE:
1. GRAVEL FILLED BAGS TO BE PLACED TIGHTLY TOGETHER AS TO NOT ALLOW ANY GAPS IN BETWEEN THE BAGS VERTICALLY AND HORIZONTALLY.
 2. IF SEDIMENT IS PENETRATING BAGS, BAGS MAY NEED TO BE WRAPPED IN ADDITIONAL FILTER FABRIC.

CURB INLET SEDIMENT BARRIER (OPTION 1)
NOT TO SCALE



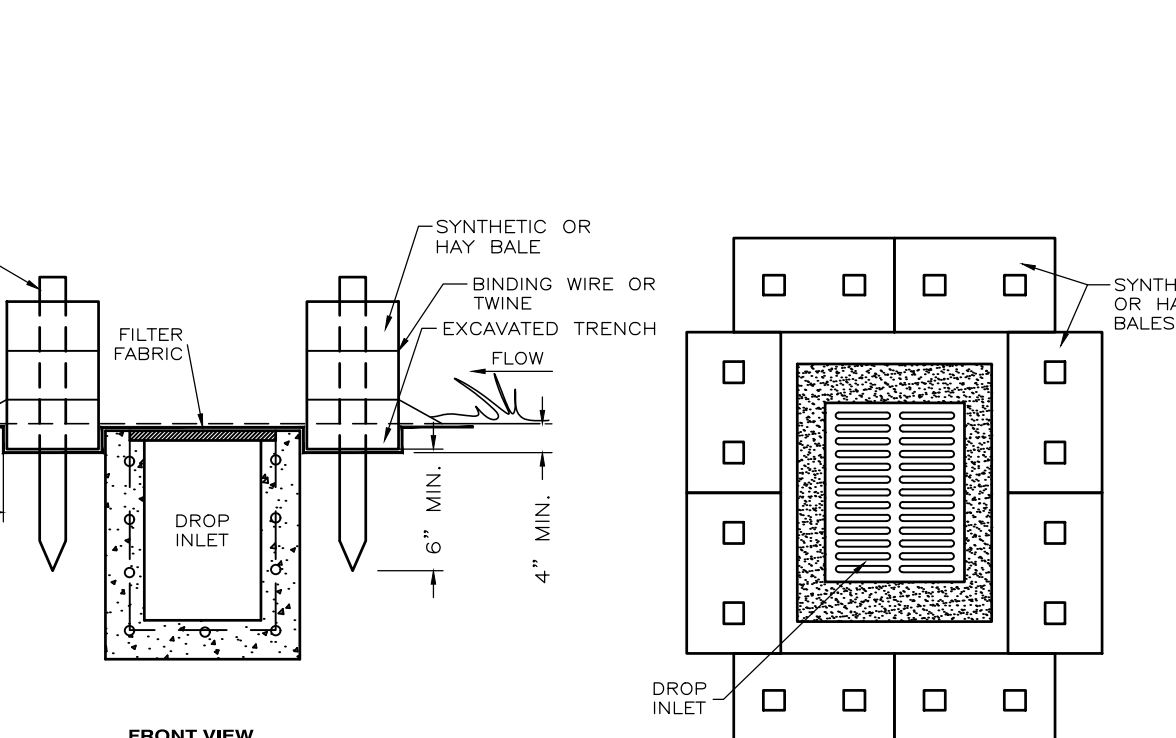
- NOTES:
1. GRAVEL SHALL BE #57 STONE.

GRAVEL CURB INLET SEDIMENT FILTER (OPTION 2)
NOT TO SCALE

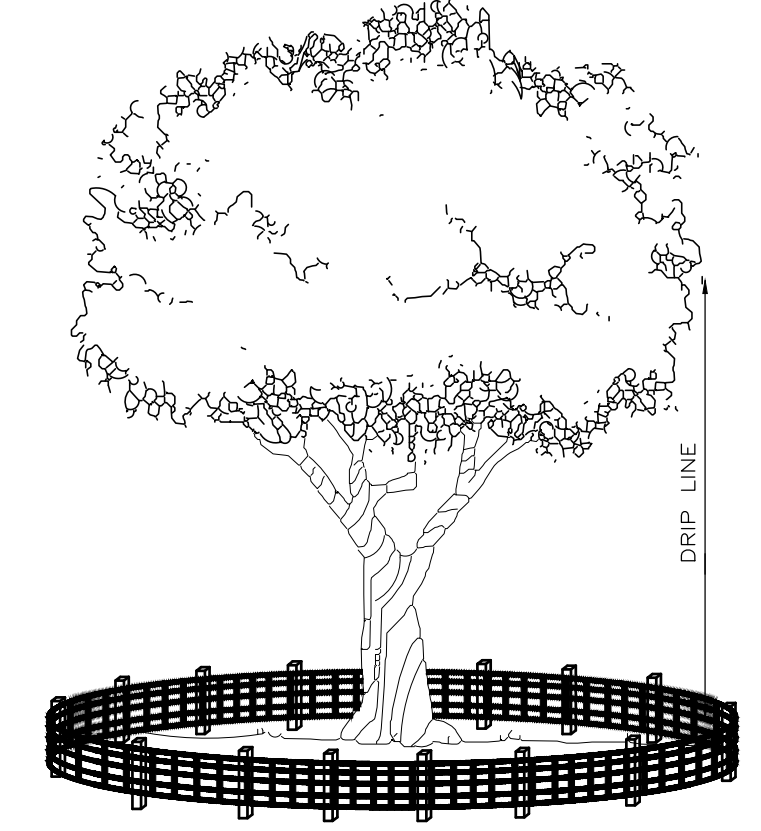


- NOTES:
1. TOP FRAME REQUIRED FOR STABILITY.
 2. THIS METHOD OF INLET PROTECTION IS NOT TO BE USED IN RIGHT-OF-WAYS OR MEDIANS.
 3. STAKES SHALL EXTEND 1" MIN. BELOW GRADE.
 4. FILTER FABRIC SHALL EXTEND 4" MIN. BELOW GRADE AND 4" MIN. BEYOND WOODEN FRAME.

DROP INLET SEDIMENT FILTER OPTION 1
NOT TO SCALE

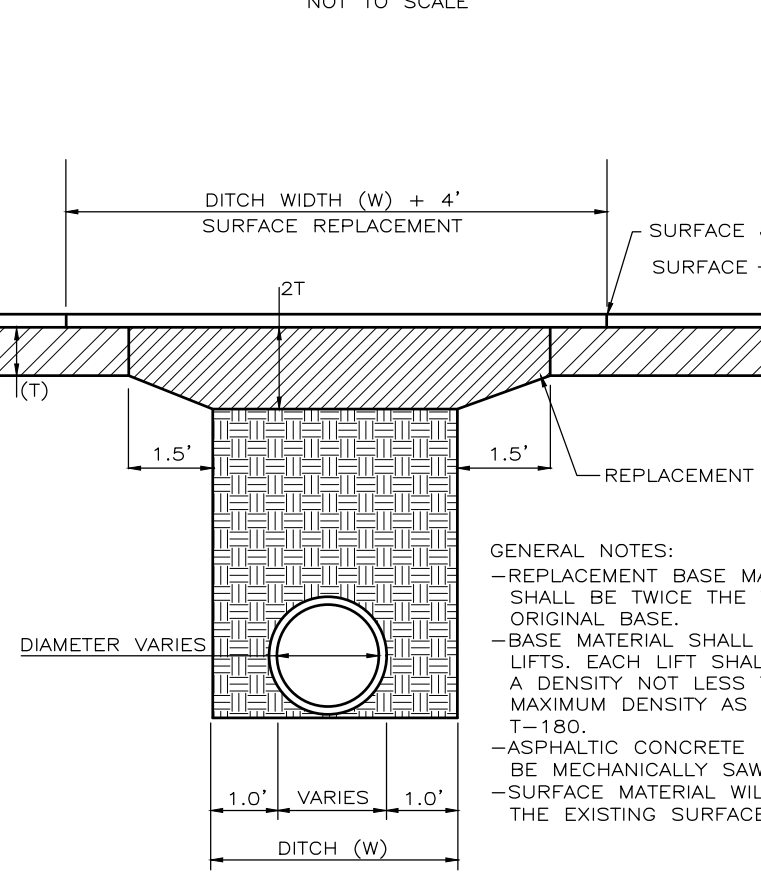


DROP INLET SEDIMENT FILTER OPTION 2
NOT TO SCALE

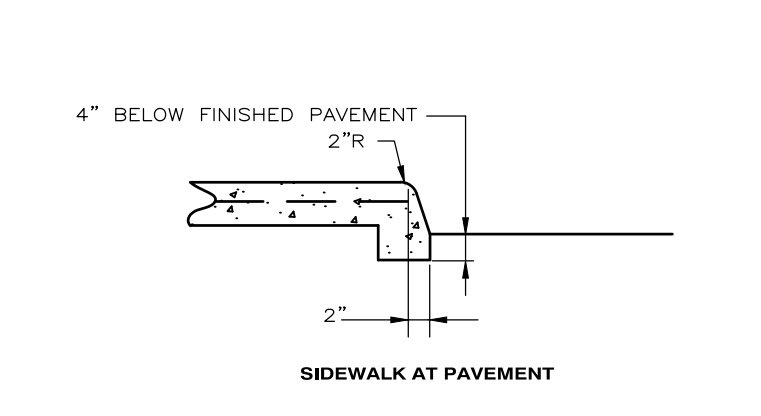


CORD FENCE - POSTS WITH A MINIMUM SIZE 2 INCHES SQUARE OR 2 INCHES IN DIAMETER SET SECURELY IN GROUND AND PROTRUDING AT LEAST 4 FEET ABOVE THE GROUND SHALL BE PLACED AT THE LIMITS OF CLEARING WITH ORANGE CONSTRUCTION MESH FENCING RUNNING BETWEEN POSTS.

TREE BARRIER DETAIL
NOT TO SCALE



REPLACEMENT OF FLEXIBLE PAVEMENT SECTION
NOT TO SCALE



CONCRETE SIDEWALK DETAIL
NOT TO SCALE



SEEDING RATE ZONES

TYPE OF SEED	SEEDING RATES (LBS/AC)							
	ZONE I				ZONE II			
	COASTAL	INLAND	COASTAL	INLAND	COASTAL	INLAND	COASTAL	INLAND
PERMANENT GRASS	MAR 1 TO NOV. 15	NOV. 15 TO MAR. 15	OCT. 15 TO FEB. 15	FEB. 15 TO DEC. 15	DEC. 15 TO FEB. 15	FEB. 15 TO DEC. 15	DEC. 15 TO FEB. 15	FEB. 15 TO DEC. 15
UNHULLED BERMUDA	15	15	10	15	15	15	10	15
BAHIA ARGENTINA OR PENSACOLA			30	30			30	30
QUICK GROWING								
BROWN TOP MILLET	20	20	20	20	20	20	20	20
ANNUAL RYE GRASS	20	20	20	20	20	20	20	20
TOTAL POUNDS PER ACRE	35	35	60	65	35	35	60	65

NOTE: THE SEEDING RATES SHOWN IN THIS TABLE APPLY ONLY WHEN SEED IS SPREAD BY AN APPROVED MECHANICAL SPREADER MEETING THE REQUIREMENTS OF SECTION 570 AND 577 OF THE STANDARD SPECIFICATIONS.

GENERAL NOTES:
1. SPECIAL ATTENTION IS TO BE DIRECTED TO THE CONSTRUCTION OF THE REQUIRED 1" DROP-OFF AT EDGE OF PAVEMENT.

2. FERTILIZE ENTIRE UNPAVED SHOULDER AND FRONT SLOPE TO TOE OF SLOPE OR BOTTOM OF DITCH.

3. TOPSOIL OBTAINED FROM BORROW PITS OR OTHER SOURCES MAY BE USED IN LIEU OF EXCAVATED TURF AND TOPSOIL WHEN ECONOMICALLY FEASIBLE. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUBSTITUTING TOPSOIL FOR EXCAVATED TURF OR TOPSOIL.

IF THE QUANTITY OF EXISTING STORED OR EXCAVATED TOPSOIL IS INADEQUATE FOR PLANTING, SUFFICIENT ADDITIONAL TOPSOIL SHALL BE FURNISHED. TOPSOIL FURNISHED SHALL BE A NATURAL, FERTILE, FRABLE SOIL, POSSESSING CHARACTERISTICS OF REPRESENTATIVE PRODUCTIVE SOILS IN THE VICINITY. IT SHALL BE OBTAINED FROM NATURALLY WELL-DRAINED AREAS.

TOPSOIL SHALL BE WITHOUT ADMIXTURE OF SUBSOIL AND FREE FROM JOHNSON GRASS (SORGHUM HALDENENSE), NUT GRASS (CYPERUS ROTUNDUS) AND OBJECTIONABLE WEEDS AND TOXIC SUBSTANCES.

GROUND LIMESTONE (DOLOMITE) CONTAINING NOT LESS THAN 85 PERCENT OF TOTAL CARBONATES, AND SHALL BE GRADDED TO SUCH A FINENESS THAT 50 PERCENT WILL PASS A 100-MESH SIEVE AND 90 PERCENT WILL PASS A 20-MESH SIEVE.

16-18-18 FORMULATION OF WHICH 60 PERCENT OF THE NITROGEN IS IN THE UREA-FORMALDEHYDE FORM AND SHALL CONFORM TO THE APPLICABLE STATE FERTILIZER LAWS. IT SHALL BE GRANULATED SO THAT 80 PERCENT IS HELD ON A 16-MESH-SCREEN, UNIFORM IN COMPOSITION, DRY AND FREE-FLOWING. MULCH: CLEAN HAY OR FREE STRAW MULCH.

AREAS TO BE GRASSED SHALL BE GRADED TO REMOVE DEPRESSIONS, UNDULATIONS, AND IRREGULARITIES IN THE SURFACE BEFORE GRASSING.

PLACING TOPSOIL: AREAS TO BE GRASSED SHALL HAVE A MINIMUM TOPSOIL OVER OF TWO INCHES. TOPSOIL SHALL NOT BE PLACED WHEN THE SUBGRADE IS EXCESSIVELY WET. EXTREMELY DRY OR IN A CONDITION OTHERWISE DETRIMENTAL TO THE PROPOSED PLANTING OR PROPER GRADING.

TILLAGE: THE AREA TO BE GRASSED SHALL BE THOROUGHLY TILLED TO A DEPTH OF FOUR INCHES USING A PLOW AND DISC HARROW OR ROTARY TILLING MACHINERY UNTIL A SUITABLE BED HAS BEEN PREPARED AND NO CLOSUS OR CLUMPS REMAIN LARGER THAN 1-1/2 INCHES IN DIAMETER.

APPLICATION OF LIME: THE PH OF THE SOIL SHALL BE DETERMINED. IF THE PH IS BELOW 5.0, SUFFICIENT LIME SHALL BE ADDED TO PROVIDE A PH BETWEEN 5.5 AND 6.5. THE LIME SHALL BE THOROUGHLY INCORPORATED INTO THE TOP THREE TO FOUR INCHES OF THE SOIL. LIME AND FERTILIZER MAY BE APPLIED IN ONE OPERATION.

APPLICATION OF FERTILIZER: FERTILIZER SHALL BE APPLIED AT THE RATE OF 6 POUNDS PER 1,000 SQUARE FEET AND SHALL BE THOROUGHLY INCORPORATED INTO THE TOP THREE TO FOUR INCHES OF SOIL.

ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE SEED AS SPECIFIED HEREIN, IMMEDIATELY BEFORE SEEDS ARE SOWN AND AFTER FERTILIZER AND LIME ARE APPLIED. THE GROUND SHALL BE THOROUGHLY INCORPORATED AND SHALL BE RAKED UNTIL THE SURFACE IS SMOOTH, FRABLE, AND OF UNIFORM FINE TEXTURE. AREAS TO BE GRASSED SHALL BE SEEDER, RAKE, AND WATERED WITH A 200-POUND ROLLER, AND WATERED WITH A FINE SPRAY.

SEEDS SHALL BE APPLIED AT THE FOLLOWING RATE:
SEEDS RATE OF APPLICATION
BERMUDA 6 LBS./1000 SQ.FT.

SEEDED AREAS SHALL BE MULCHED AT THE RATE OF NOT LESS THAN 1-1/2" LOOSE MEASUREMENT OVER ALL SEEDED AREAS. SPREAD BY HAND, BLOWER, OR OTHER SUITABLE EQUIPMENT. MULCH SHALL BE CUT INTO THE SOIL WITH EQUIPMENT CAPABLE OF CUTTING THE MULCH UNIFORMLY INTO THE SOIL. MULCHING SHALL BE DONE WITHIN 24 HOURS OF THE TIME SEEDING IS COMPLETED.

AFTER SEEDING AND MULCHING, A CULTIPACKER, TRAFFIC ROLLER, OR OTHER SUITABLE EQUIPMENT SHALL BE USED FOR ROLLING THE GRASSED AREAS. AREAS SHALL THEN BE WATERED WITHIN A FINE SPRAY.

ALL AREAS TO BE GRASSED SHALL BE PROTECTED AGAINST EROSION AT ALL TIMES. FOR PROTECTION DURING WINTER MONTHS (NOVEMBER 1ST THRU MARCH 31ST) ITALIAN RYE GRASS SHALL BE PLANTED AT A RATE OF FOUR POUNDS PER 1,000 SQUARE FEET ON ALL AREAS WHICH ARE NOT PROTECTED BY PERMANENT GRASS.

SEEDING DETAIL
NOT TO SCALE

PERMIT PURPOSES ONLY

CONSTRUCTION DETAILS
ROSENWALD - FIRE MAIN EXTENSION
BAY DISTRICT SCHOOLS
PANAMA CITY, FLORIDA

McNEIL CARROLL ENGINEERING, INC.
Professional Engineering Consultants
STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER: 7288

475 Harrison Avenue, Suite 200
Panama City, Florida 32401
Phone: 850-763-5730

NO.	DATE	BY	REVISIONS
01			
02			
03			
04			
05			

Sean D. McNeil, P.E.
PROFESSIONAL ENGINEER
FL 12 # 4909

Robert L. Carroll, P.E.
PROFESSIONAL ENGINEER
FL 12 # 5708

05/04/26

WATER DISTRIBUTION SYSTEM

PRODUCTS: PROVIDE ELLS, TEES, REDUCING TEES, WYES, COUPLINGS, AND OTHER REQUIRED PIPING ACCESSORIES OF SAME PIPE AND CLASS OF MATERIALS AS CONDUIT, OR OF MATERIAL HAVING EQUAL OR SUPERIOR PHYSICAL AND CHEMICAL PROPERTIES AS ACCEPTABLE TO THE ENGINEER.

UNPLASTICIZED POLYVINYL CHLORIDE (PVC PIPE SHALL HAVE AN INTEGRATED BELL-TYPE JOINT DESIGNED FOR CONVEYING POTABLE WATER UNDER PRESSURE. RING-TYPE NEOPRENE GASKETS SHALL BE PROVIDED IN RECESSED IN THE BELLS TO MAKE JOINTS WATER TIGHT. ALL PIPES SHALL BE SUITABLE FOR USE AT MAXIMUM HYDROSTATIC PRESSURES OF 165 PSI AT 75 DEGREES F AND MEETING AND/OR EXCEEDING THE MINIMUM REQUIREMENTS OF AWWA C-900-07 MADE TO SIZE 25 DIMENSIONS. MAXIMUM LAYING LENGTHS SHALL BE 40 FEET WITH MANUFACTURER'S OPTION TO SUPPLY UP TO 15 PERCENT RANDOMS (MINIMUM LENGTH EQUALS 10 FT.). ALL FITTINGS SHALL BE CAST IRON WITH MECHANICAL.

PIPE FITTINGS SHALL BE ASSEMBLED WITH A NON-TOXIC LUBRICANT AS RECOMMENDED BY THE MANUFACTURER. PVC PIPE SHALL BE AS MANUFACTURED BY THE U.S. PIPE COMPANY, THE CERTAIN-TEED PRODUCTS CORPORATION, THE JOHNS-MANSVILLE COMPANY, THE ETHYL CORPORATION, OR APPROVED EQUAL.

PROVIDE VALVES AND FLOW CONTROL DEVICES AS INDICATED:

MINIMUM WORK PRESSURE, 160 PSI, UNLESS OTHERWISE INDICATED.

GATE VALVES: STANDARD SHUT-OFF VALVES WITH MAXIMUM WORK PRESSURE CAST INTO BODY, OUTSIDE-SCREW-AND-YOKE TYPE COMPLYING WITH AWWA C-500. ALL VALVES SHALL BE COUNTERLOCKWISE.

FOUR-INCHES AND OVER: SHALL BE CAST-IRON BODY, FULLY BRONZE MOUNTED DOUBLE-DISC, PARALLEL SEAL VALVES WIDE FLANGE OR SPIGOT END DEPENDING ON INSTALLATION. FLANGED GATE VALVES SHALL BE PROVIDED WITH 125 POUND AMERICAN STANDARD FLANGES.

ALL VALVES TO BE INSTALLED ABOVE THE GROUND SHALL BE FITTED WITH WHEEL-TYPE HAND OPERATORS. ALL VALVES TO BE SET BELOW GRADE SHALL BE FITTED WITH HUB-TYPE OPERATORS AND SHALL HAVE A CAT-IRON VALVE BOX INSTALLED CONCENTRICALLY OVER THE VALVE.

UNDER FOUR-INCHES: GATE VALVES UNDER FOUR-INCHES SHALL BE IRON OR BRONZE BODY, SOLID WEDGE VALVES EQUIPPED WITH OPERATING HAND WHEELS.

ALL ECCENTRIC VALVES 10-INCHES OR LARGER SHALL BE GEAR OPERATED WITH HAND WHEELS FOR ABOVE GROUND VALVES AND HUB OPERATED FOR BELOW GROUND VALVES.

ALL ECCENTRIC VALVES 8-INCHES AND SMALLER SHALL BE LEVEL OPERATED FOR ABOVE GROUND VALVES AND HUB OPERATED FOR BELOW GROUND VALVES.

ALL HUB OPERATED UNITS SHALL BE PROVIDED A CAST-IRON VALVE BOX AND COVER. CHECK VALVES: THE CHECK VALVES OVER THREE INCHES SHALL BE IRON BODY, BRONZE MOUNTED, HORIZONTAL SWING CHECK WITH FLANGED ENDS. ALL WORK PARTS SHALL BE SPRING LOCATED TO PREVENT SLAMMING. THE CHECK VALVES SHALL BE CLOW F-2955, OR APPROVED EQUAL.

CHECK VALVES UNDER THREE INCHES SHALL BE SCREWED END, BRONZE BODY, SILENT CHECK VALVES AS MANUFACTURED BY CRANE COMPANY, NO. 34 OR APPROVED EQUAL. PROVIDE ANCHORAGES FOR TEE, PLUGS, CAPS, AND BENDS.

AFTER INSTALLATION, APPLY A FULL COAT OF ASPHALT OR OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL TO SURFACES OF RODS AND CLAMPS.

CLAMPS, STRAPS AND WASHERS: STEEL ANSI/ASTM A-506

RODS: STEEL, ANSI/ASTM A-575

ROD COUPLINGS: MALLEABLE IRON, ANSI/ASTM A-197

BOLTS: STEEL, ANSI/ASTM A-307

CAST IRON WASHERS: ANSI/ASTM A-126, CLASS A

WATER SERVICE IDENTIFICATIONS: PLASTIC LINE MARKS, NOMENCLATURE "CAUTION, BURIED WATER LINE BELOW".

FLEXIBLE COUPLINGS: STEEL MIDDLE RING, TWO STEEL FOLLOWER RINGS, TWO RESILIENT GASKETS AND STEEL BOLTS, DRESSER TYPE 38 OR APPROVED EQUAL.

INSPECTION AND HYDROSTATIC TESTING: AFTER THE PIPE HAS BEEN LAID AND BACKFILLED AS SPECIFIED EACH VALVE SECTION OF NEWLY LAID PIPE SHALL BE SUBJECTED TO HYDROSTATIC PRESSURE OF 150 PSI.

PERMISSIBLE LEAKAGE: NO PIPE INSTALLATION WILL BE ACCEPTABLE UNTIL OR UNLESS THIS LEAKAGE (EVALUATED ON A PRESSURE BASIS OF 150 PSI) IS LESS THAN 4 U.S. GALLONS PER 24 HOURS PER THOUSAND FEET PER INCH NOMINAL DIAMETER IN ACCORDANCE WITH AWWA C800.

DISINFECTION SHALL BE AFTER THE DISTRIBUTION SYSTEM HAS BEEN TESTED TO THE SATISFACTION OF THE ENGINEER AND SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA SPECIFICATION C-651 WHICH PROVIDES FOR THE INJECTION OF A 50 PPM SOLUTION OF CHLORINE REMAINING FOR 24 HOURS.

IN THE PROCESS OF CHLORINATING WATER PIPE, ALL VALVES OR OTHER APPURTENANCES SHALL BE OPERATED WHILE THE PIPE LINE IS FILLED WITH CHLORINATING AGENT.

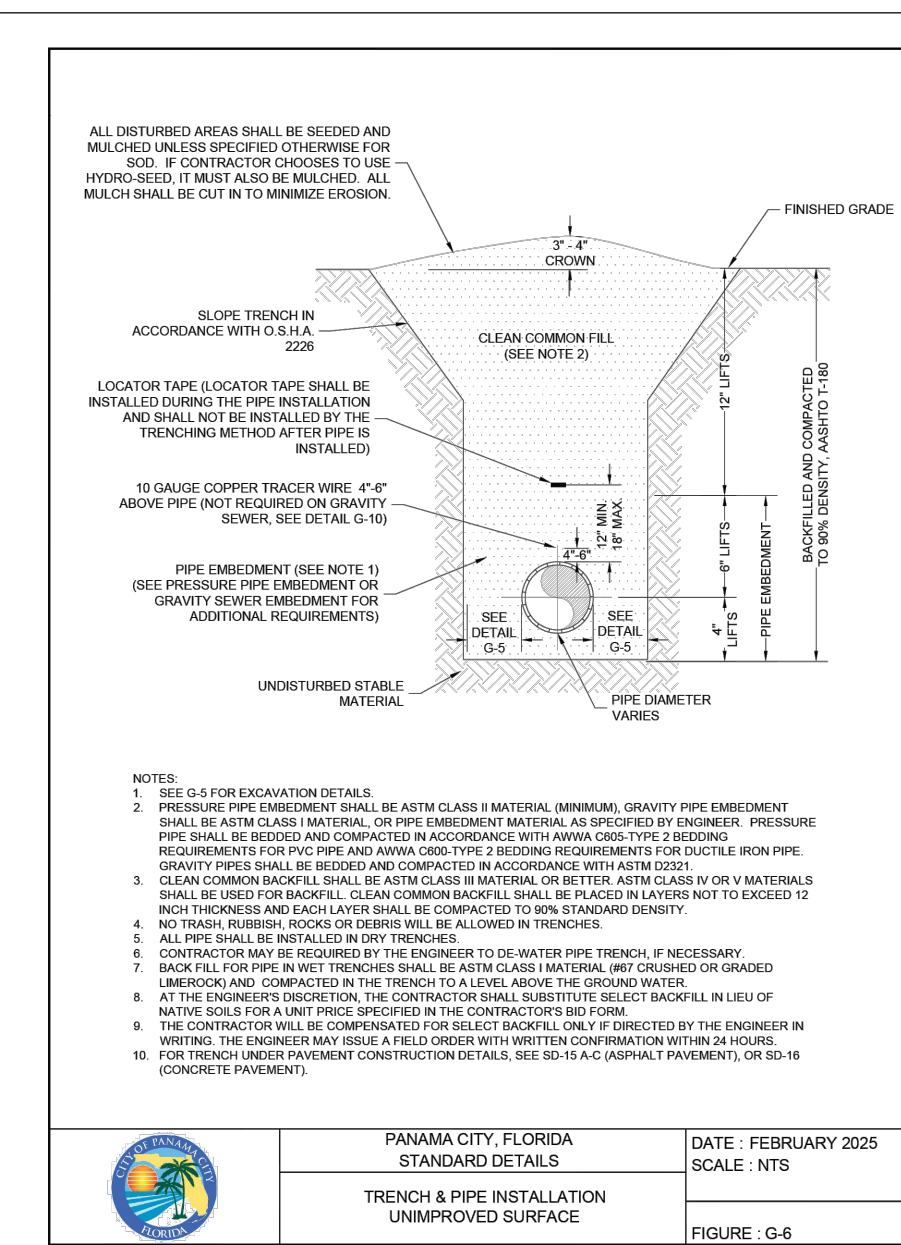
WATER VALVES 12" AND LESS SHALL BE EPOXY COATED RESILIENT SEAT GATE VALVE.

MAIN PIPE SIZE	HORIZ. BENDS			TEES						REDUCERS						PLUGS
	90°	45°	22.5°	SIZE		LENGTH		SIZE		LENGTH		SIZE		LENGTH		
24	90	38	18	X24	X20	X16	X12	X10	X8	X6	X4	X24	X18	X12	214	
20	78	32	15	X20	X16	X12	X10	X8	X6	X4	X20	X15	X10	184		
16	66	27	13	X16	X12	X10	X8	X6	X4	X20	X15	X10	X8	151		
12	51	22	10	X12	X10	X8	X6	X4	X20	X15	X10	X8	X6	118		
10	44	18	9	X10	X8	X6	X4	X20	X15	X10	X8	X6	X4	101		
8	37	15	7	X8	X6	X4	X20	X15	X10	X8	X6	X4	X2	83		
6	29	12	5	X6	X4	X20	X15	X10	X8	X6	X4	X2	X2	63		
4	21	8	4	X4	X3	X20	X15	X10	X8	X6	X4	X2	X2	45		
3	17	7	4	X3	X2	X20	X15	X10	X8	X6	X4	X2	X2	36		

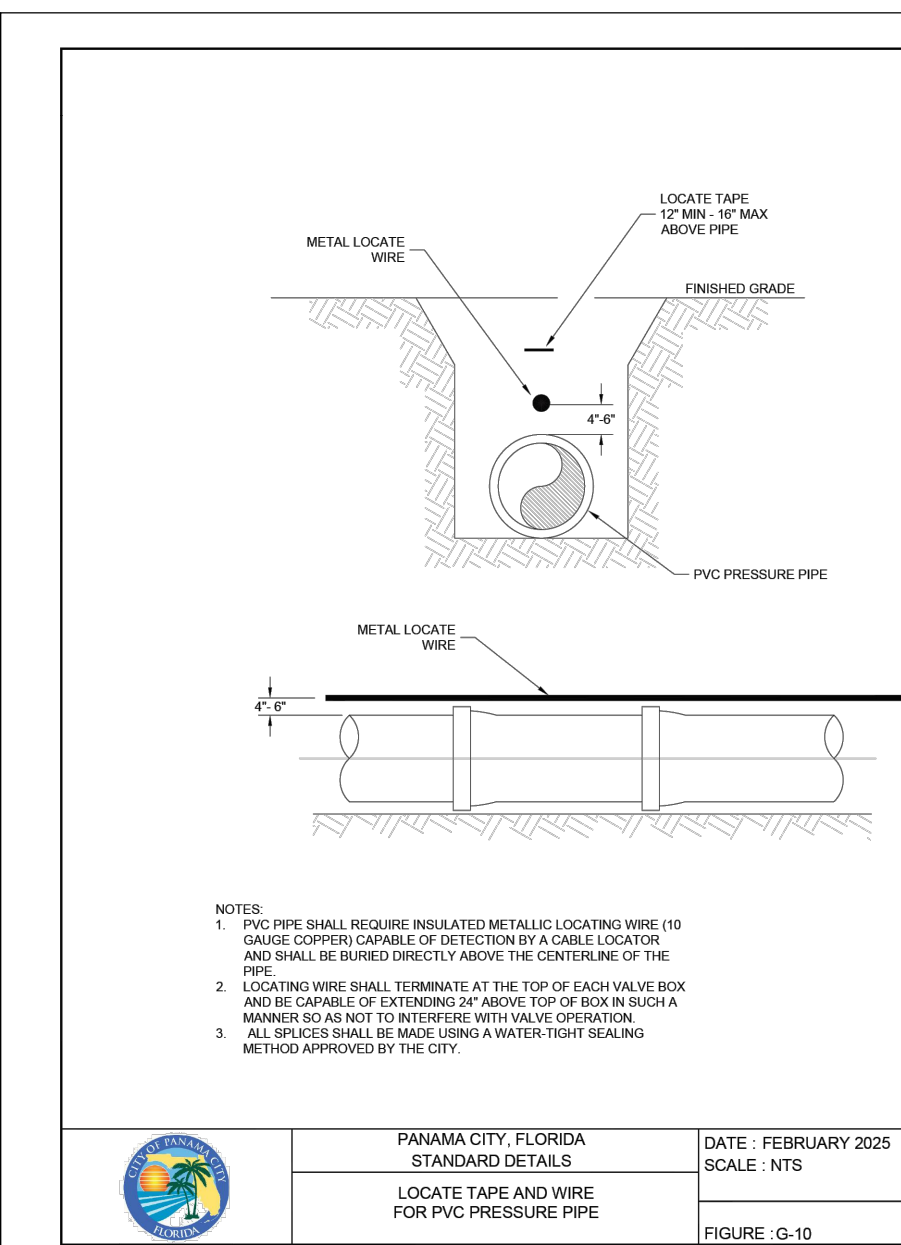
- NOTES:
- RESTRAIN TO NEXT FULL JOINT BEYOND GIVEN LENGTH.
 - RESTRAIN 11.25" BENDS 50% OF LENGTH FOR 22.5" BENDS.
 - ALL VALVES AND FITTINGS SHALL BE RESTRAINED TO THE CONNECTING SECTIONS OF PIPE.
 - ALL VALVES MUST BE PROPERLY ANCHORED OR RESTRAINED TO RESIST A 180 PSI TEST PRESSURE IN EITHER DIRECTION.
 - PIPE SIZES ARE GIVEN IN INCHES.
 - PIPE LENGTHS ARE GIVEN IN FEET.
 - LENGTHS SHOWN ARE FOR A TEST PRESSURE OF 180 PSI.
 - THE RESTRAINED LENGTHS SHOWN IN THESE TABLES ARE BASED ON THE USE OF LIGHTLY COMPACTED CLEAN SAND WITH AT LEAST A 95% COARSE PARTICLE CONTENT. ACTUAL SOIL CONDITIONS MUST BE DETERMINED BY THE ENGINEER OF RECORD AND THE RESTRAINED LENGTHS MODIFIED ACCORDINGLY.

REQUIRED LENGTH OF RESTRAINED JOINT PIPE FOR DR-18 PVC PIPE

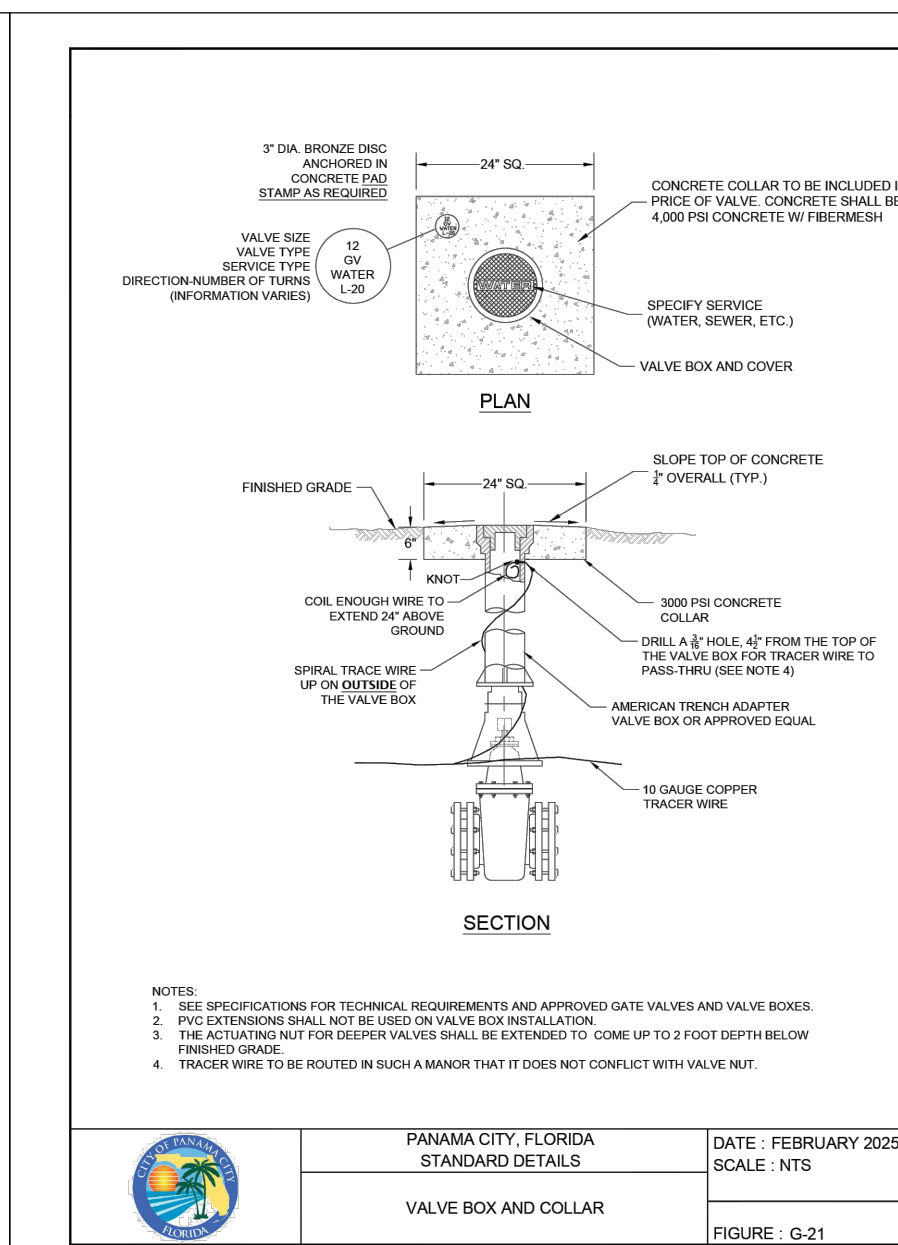
NOT TO SCALE



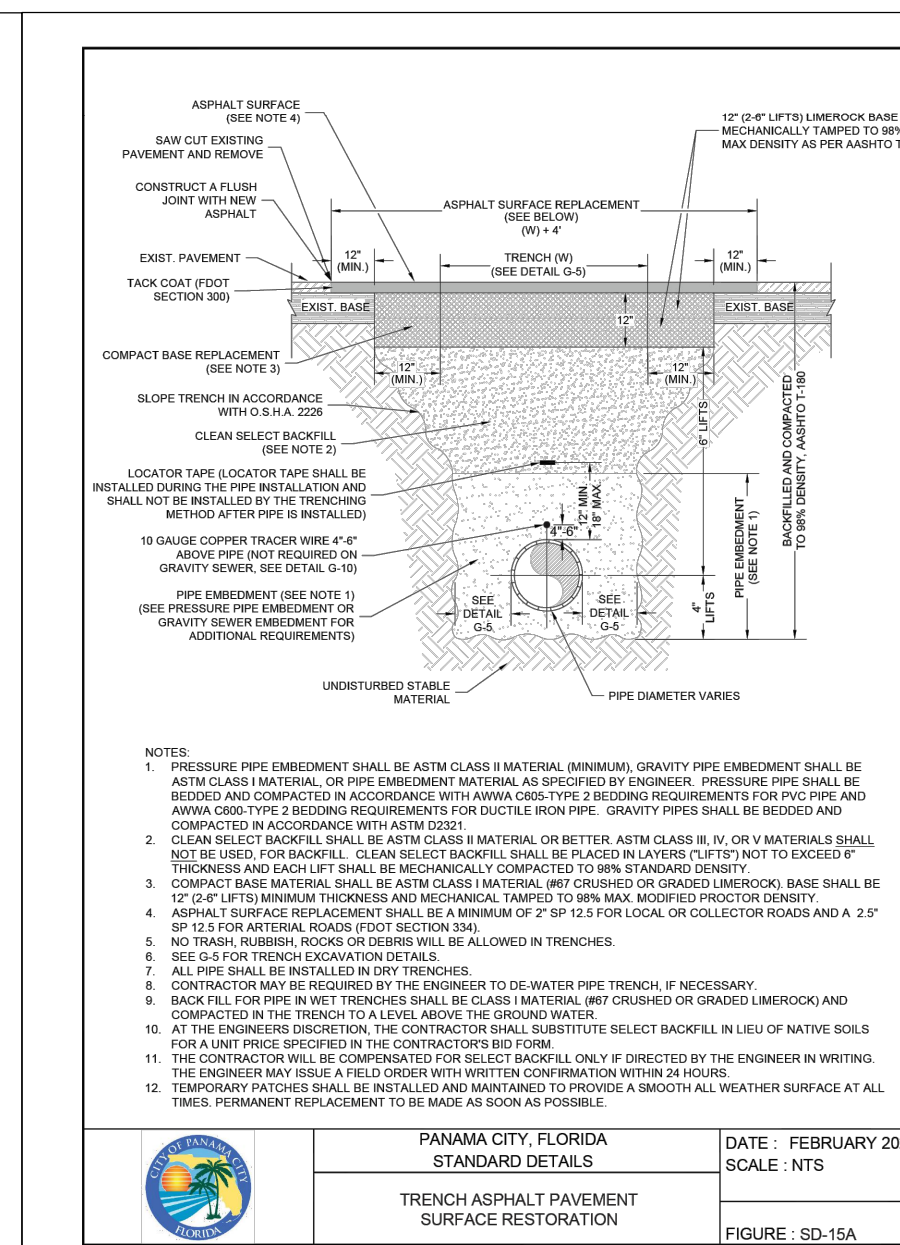
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-6



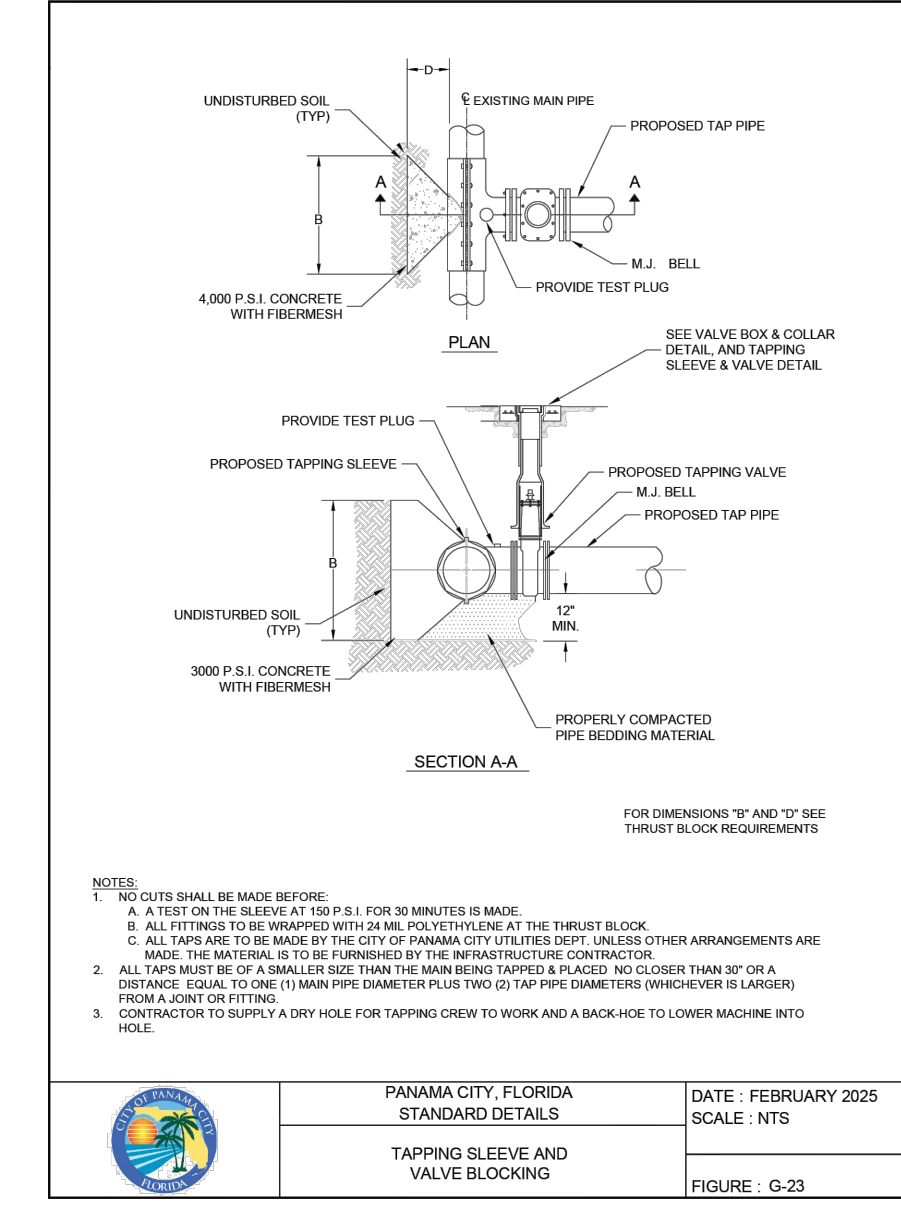
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-10



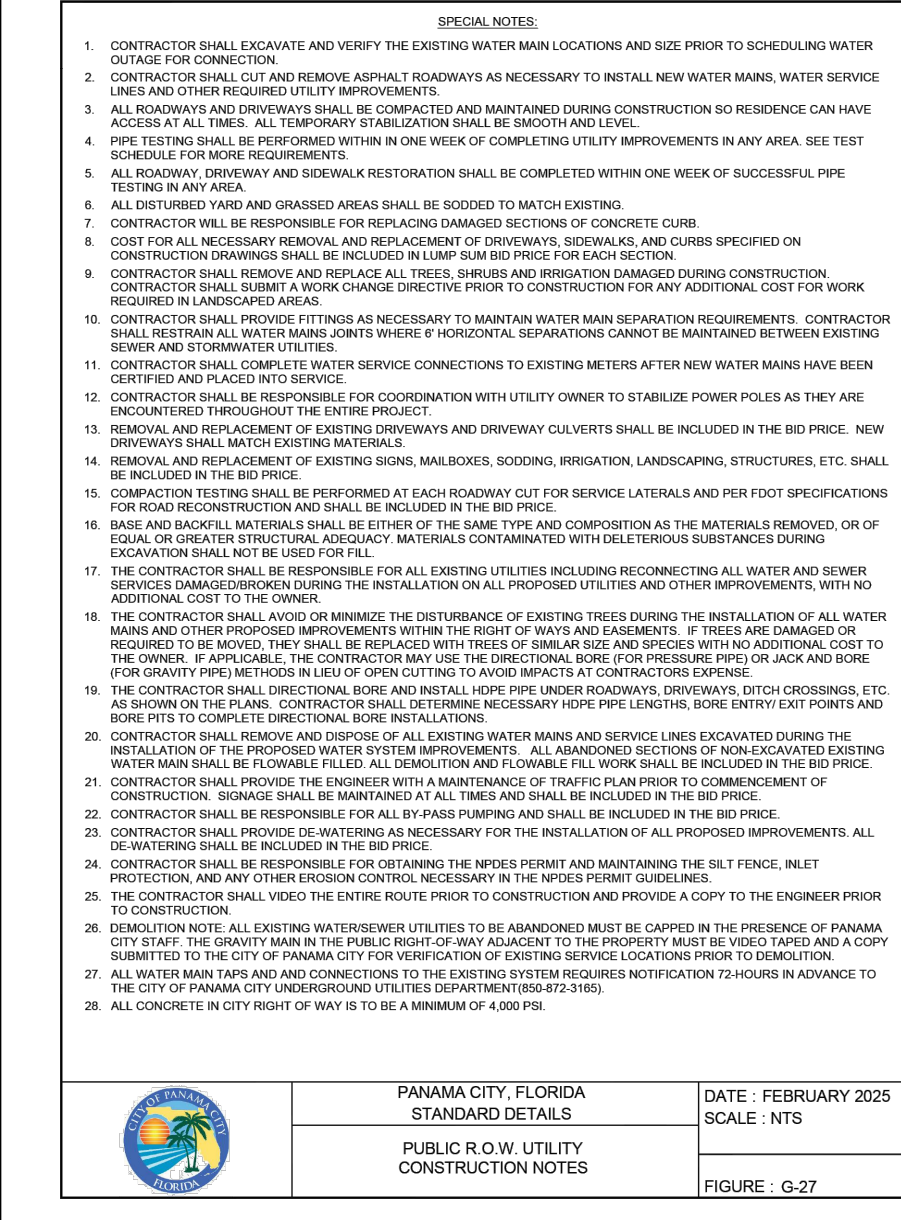
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-21



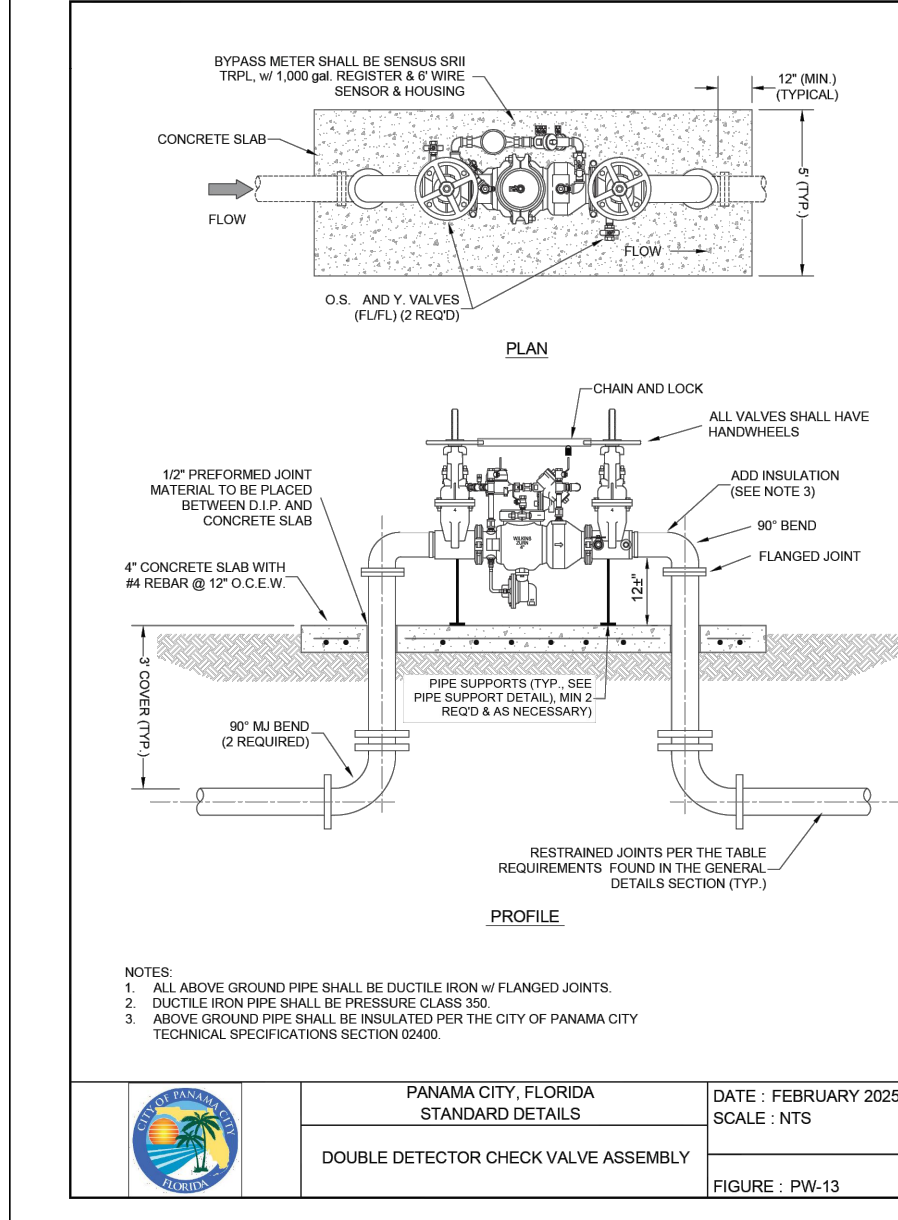
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: SD-15A



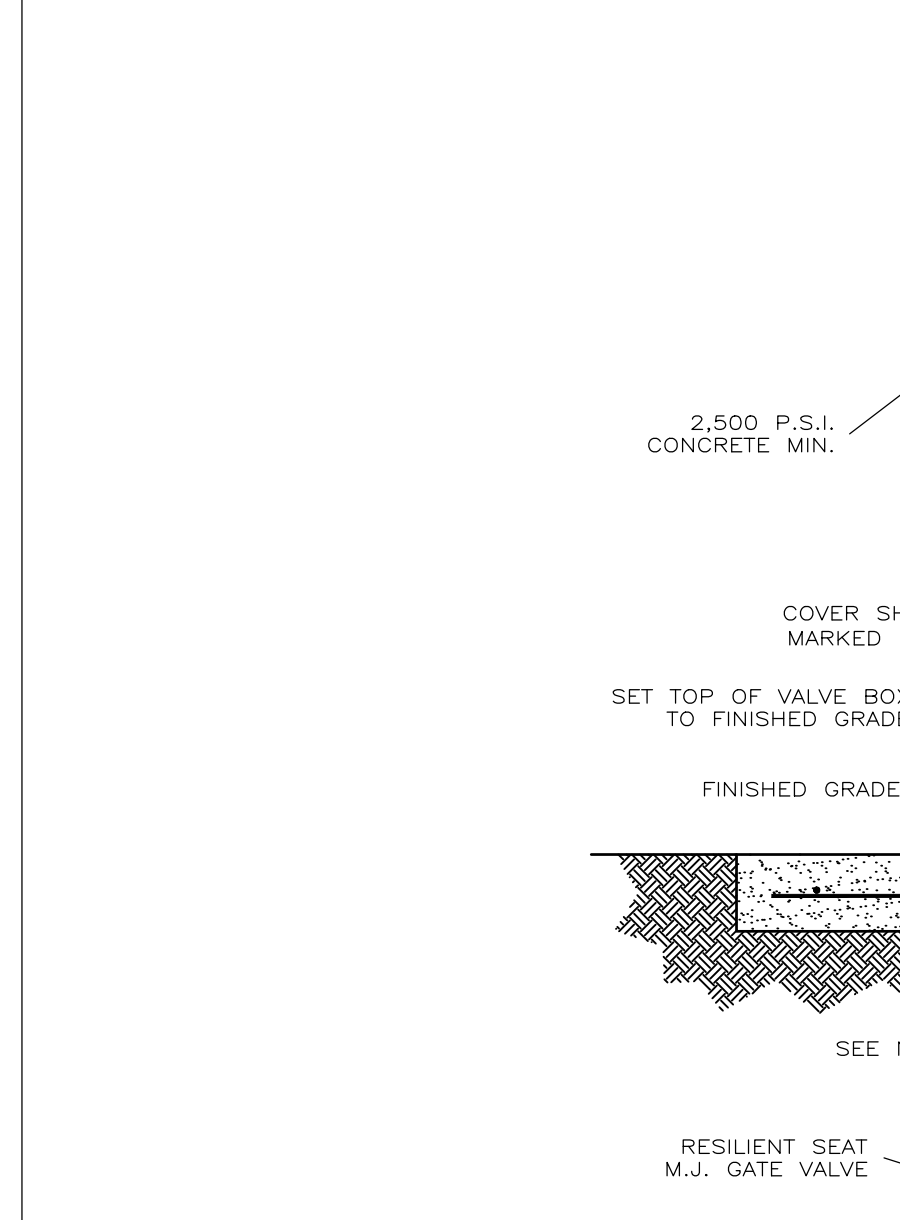
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-23



PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-27



PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: PW-13

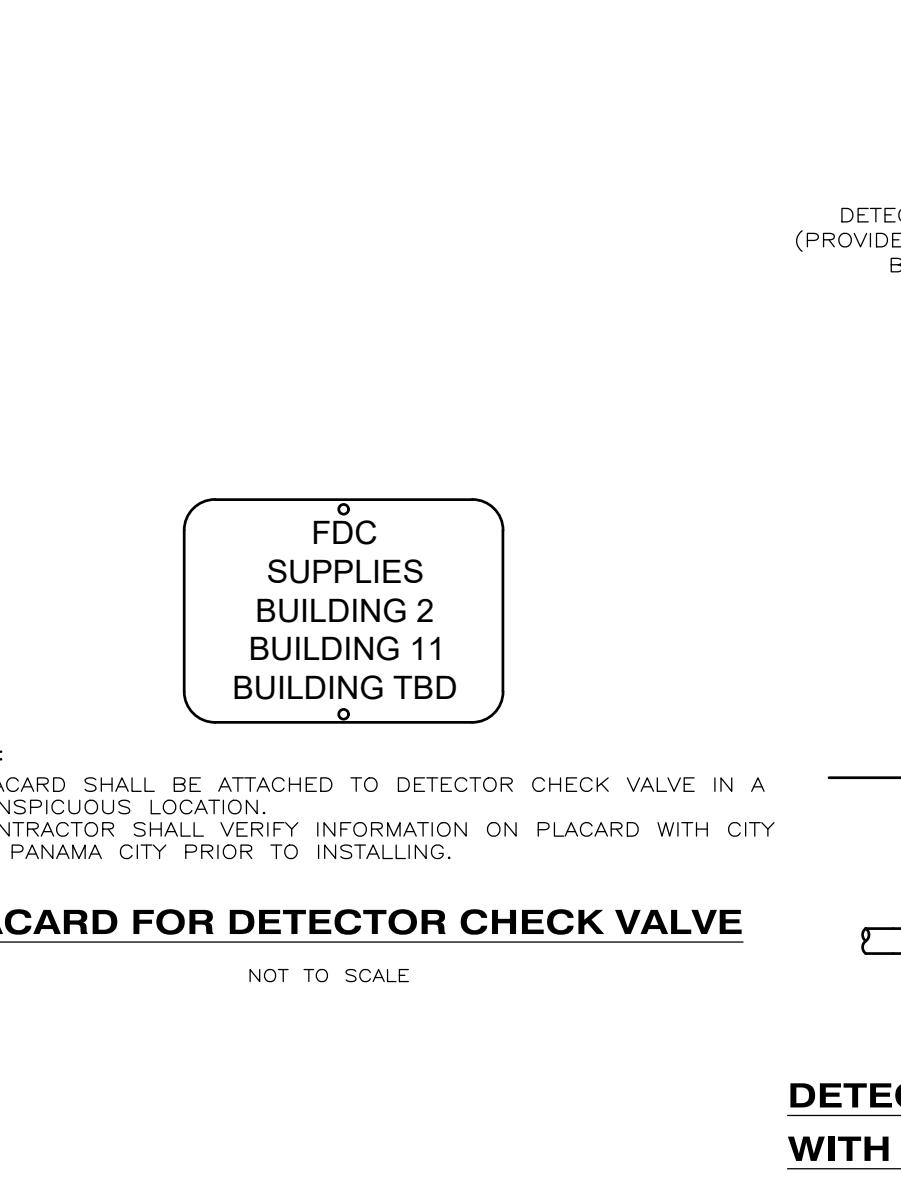


PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-24

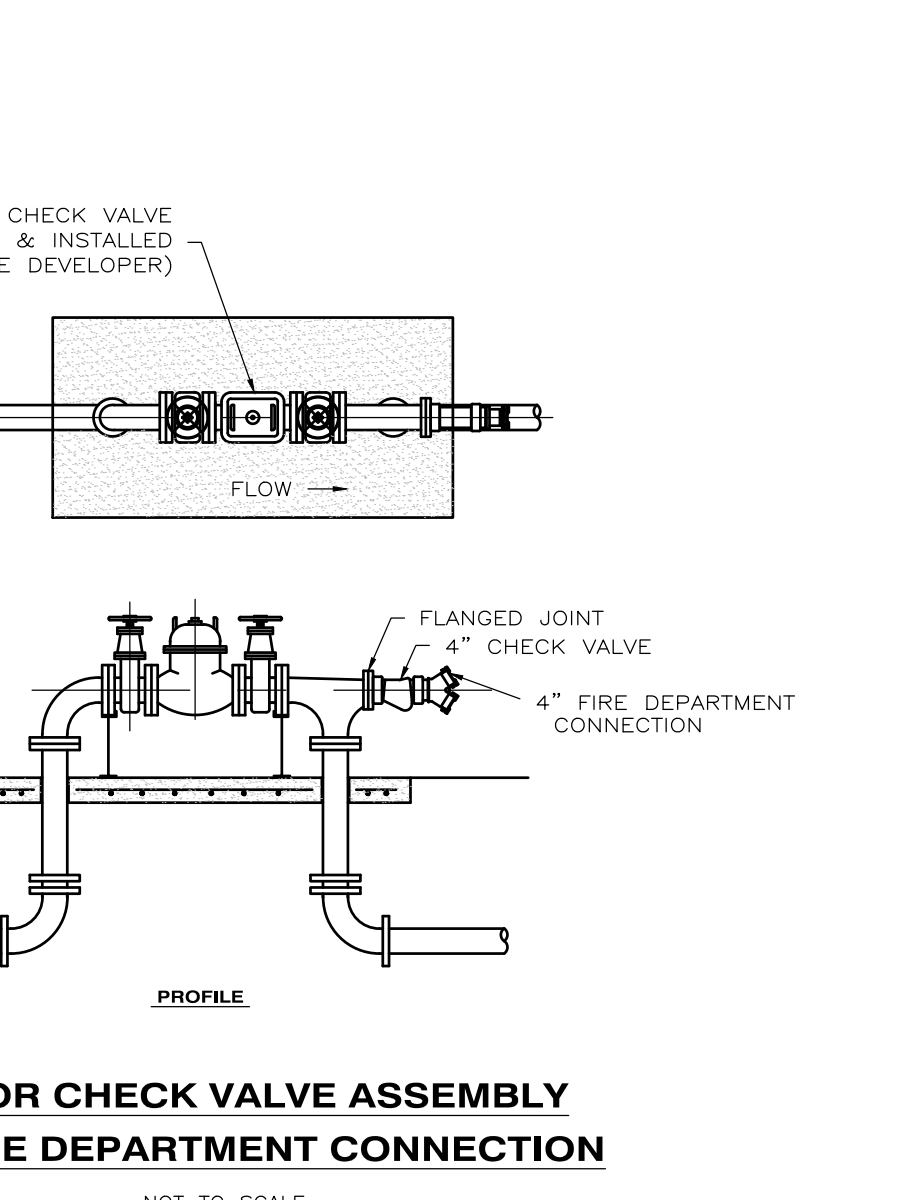
- NOTES:
- RESTRAIN TO NEXT FULL JOINT BEYOND GIVEN LENGTH.
 - RESTRAIN 11.25" BENDS 50% OF LENGTH FOR 22.5" BENDS.
 - ALL VALVES AND FITTINGS SHALL BE RESTRAINED TO THE CONNECTING SECTIONS OF PIPE.
 - ALL VALVES MUST BE PROPERLY ANCHORED OR RESTRAINED TO RESIST A 180 PSI TEST PRESSURE IN EITHER DIRECTION.
 - PIPE SIZES ARE GIVEN IN INCHES.
 - PIPE LENGTHS ARE GIVEN IN FEET.
 - LENGTHS SHOWN ARE FOR A TEST PRESSURE OF 180 PSI.
 - THE RESTRAINED LENGTHS SHOWN IN THESE TABLES ARE BASED ON THE USE OF LIGHTLY COMPACTED CLEAN SAND WITH AT LEAST A 95% COARSE PARTICLE CONTENT. ACTUAL SOIL CONDITIONS MUST BE DETERMINED BY THE ENGINEER OF RECORD AND THE RESTRAINED LENGTHS MODIFIED ACCORDINGLY.

REQUIRED LENGTH OF RESTRAINED JOINT PIPE FOR DR-18 PVC PIPE

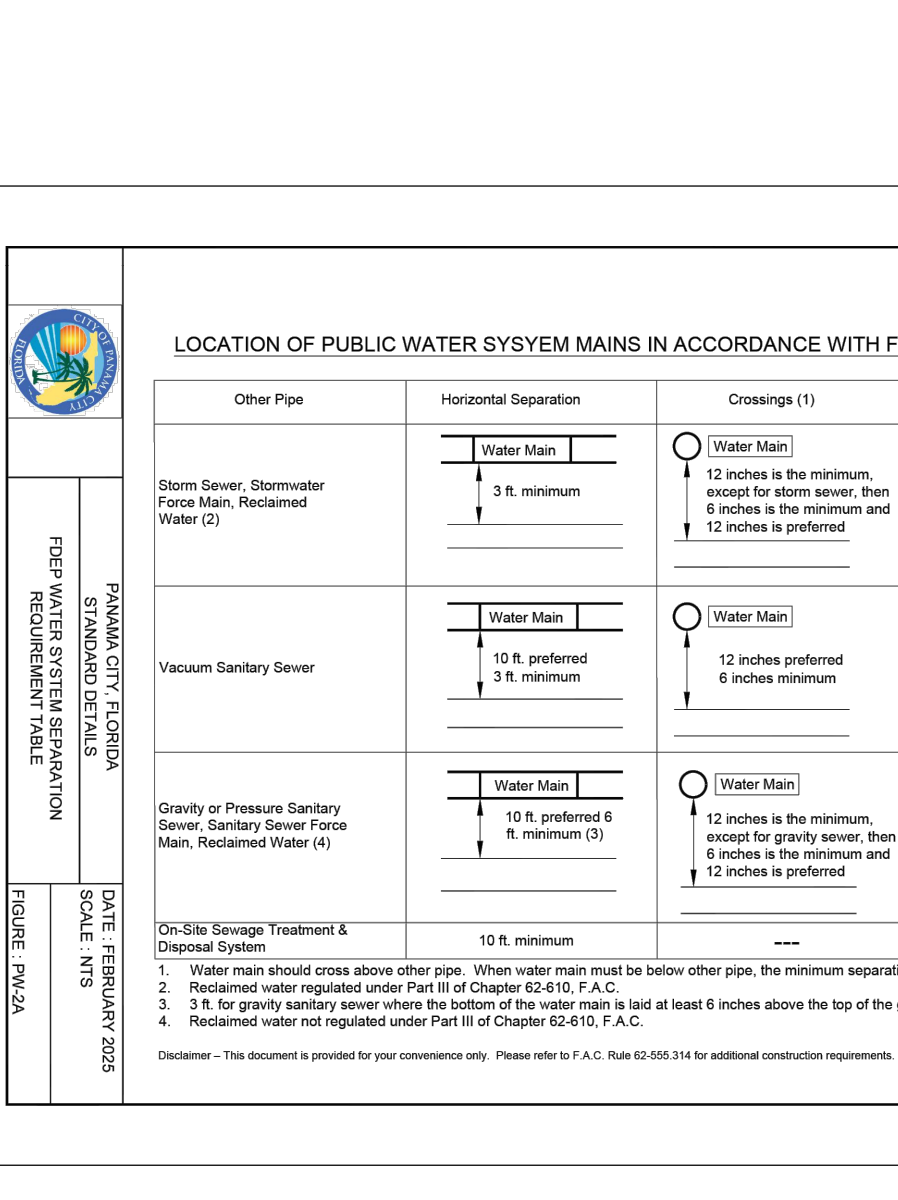
NOT TO SCALE



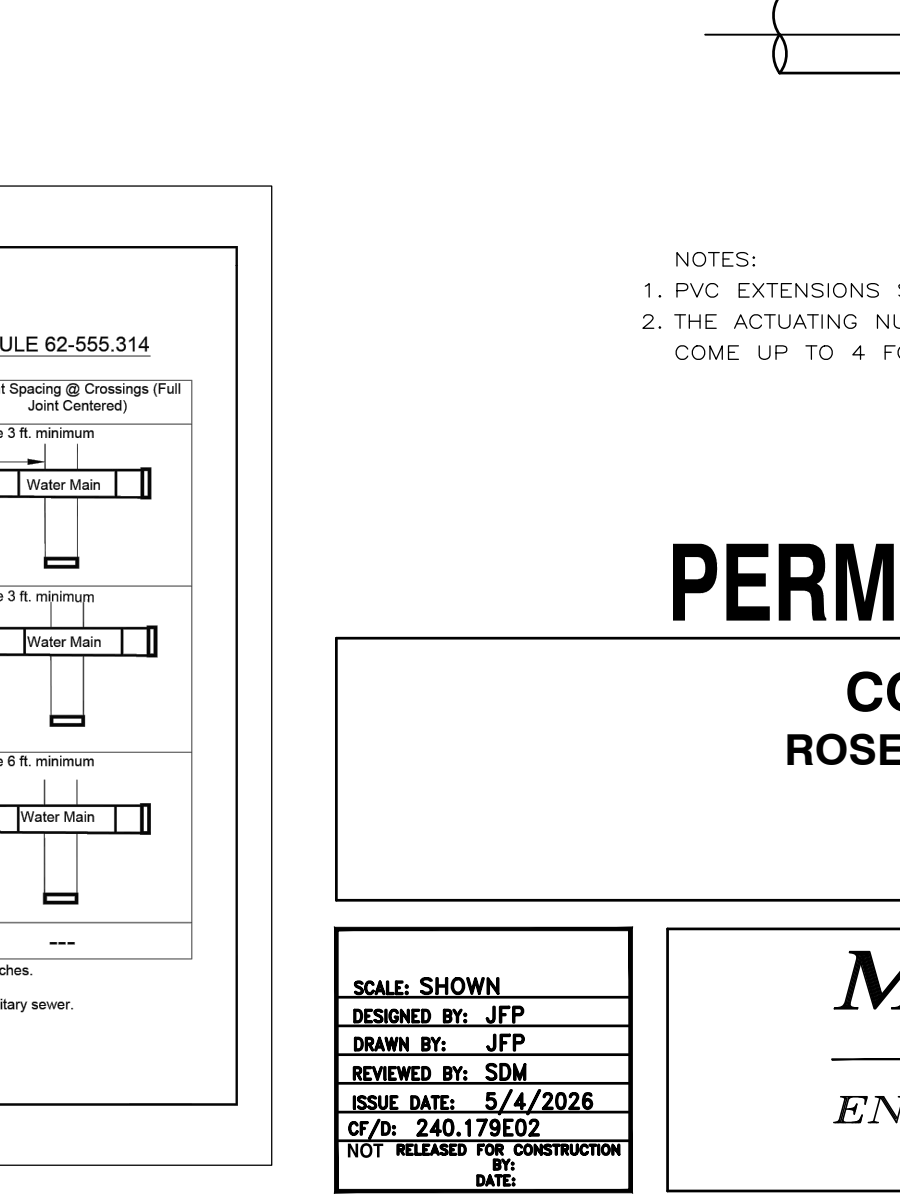
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-24



PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-27



PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: PW-13



PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-24

NOTES:

- PLACARD SHALL BE ATTACHED TO DETECTOR CHECK VALVE IN A CONSPICUOUS LOCATION.
- CONTRACTOR SHALL VERIFY INFORMATION ON PLACARD WITH CITY OF PANAMA CITY PRIOR TO INSTALLING.



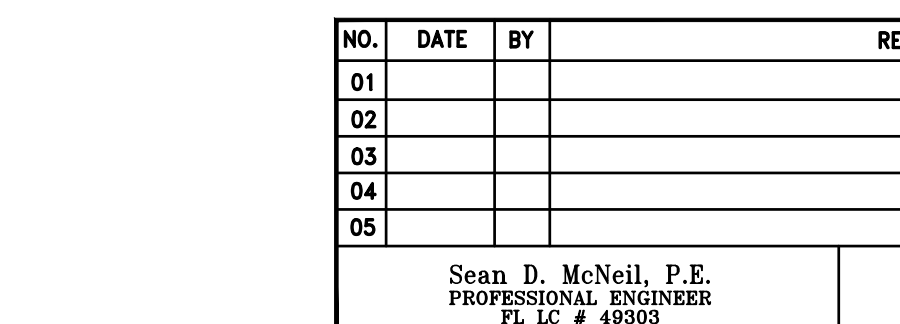
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-24



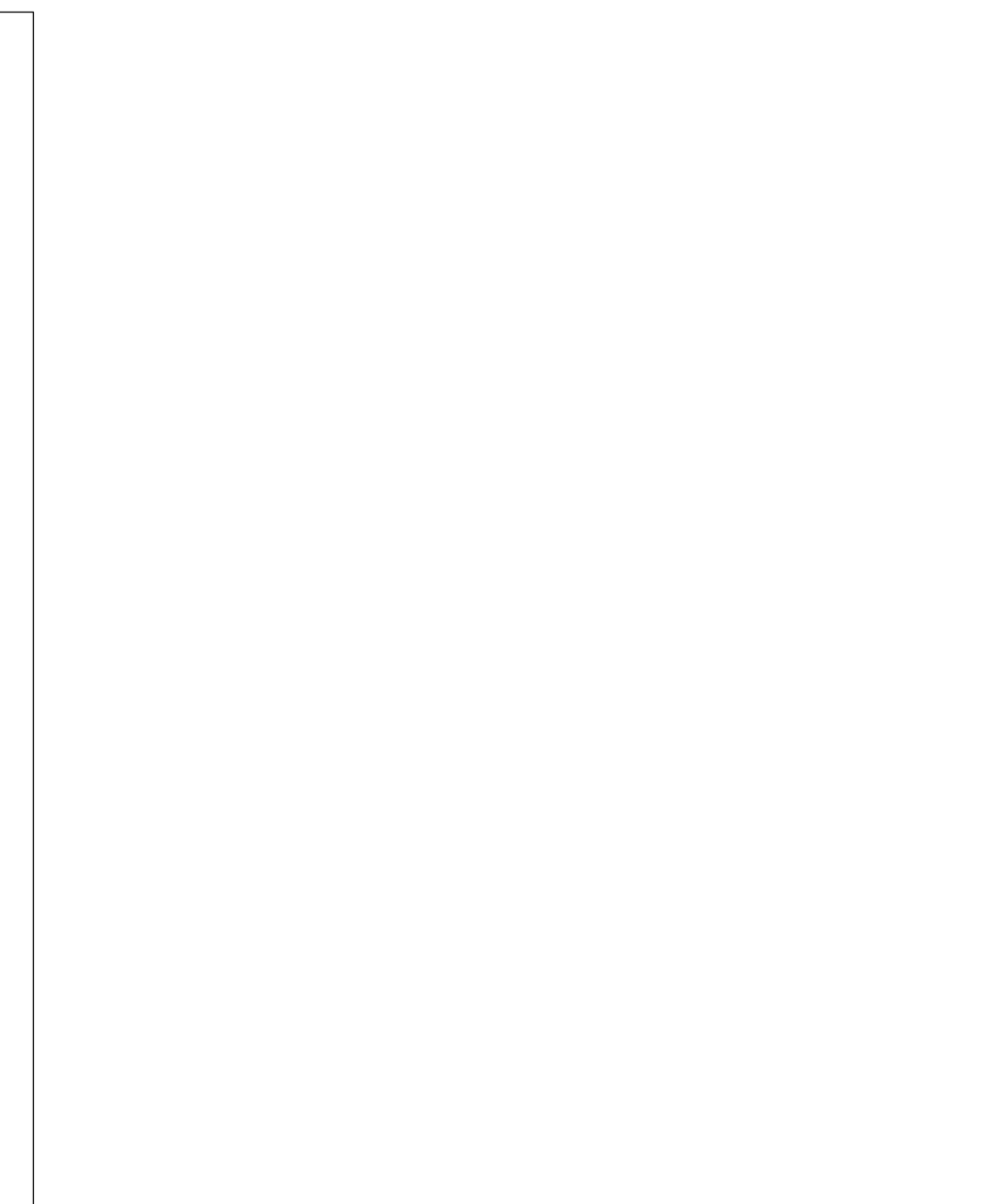
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-27



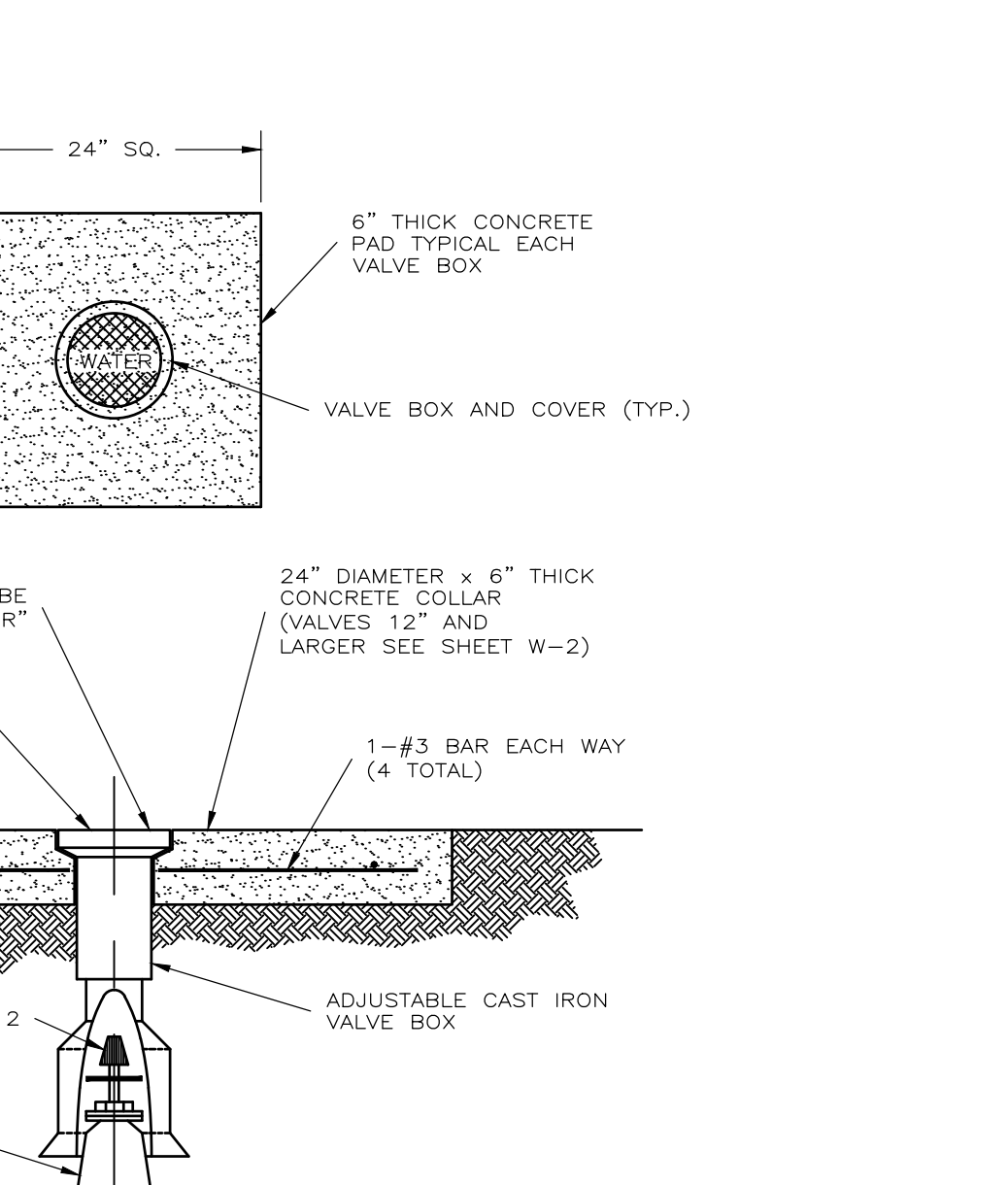
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: PW-13



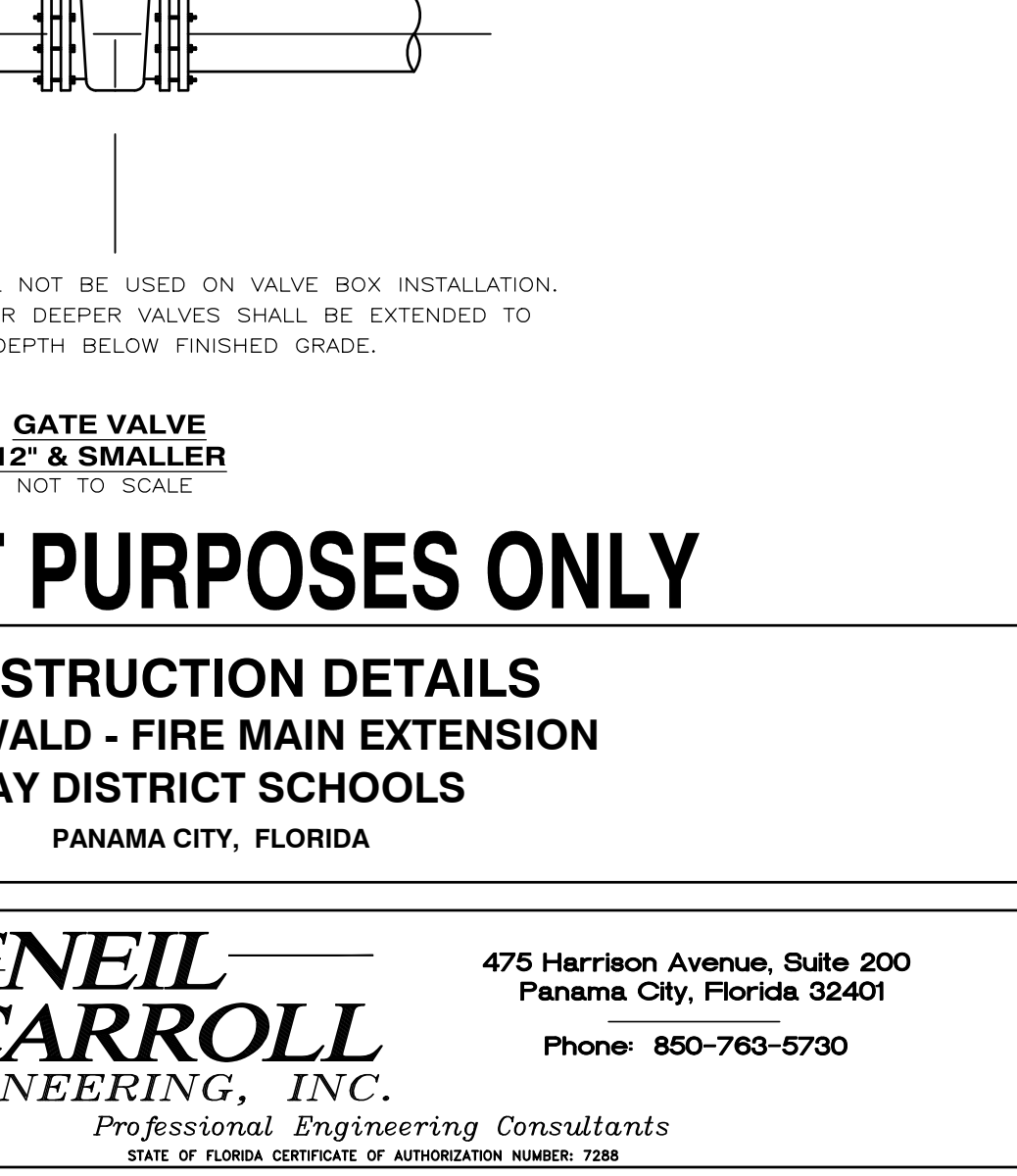
PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-24



PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-24



PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-24



PANAMA CITY, FLORIDA STANDARD DETAILS DATE: FEBRUARY 2025 SCALE: NTS FIGURE: G-24

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

McNEIL CARROLL ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF McNEIL CARROLL ENGINEERING, INC.

240.179 - ROSENWALD - FIRE MAIN EXTENSION

5 OF 5

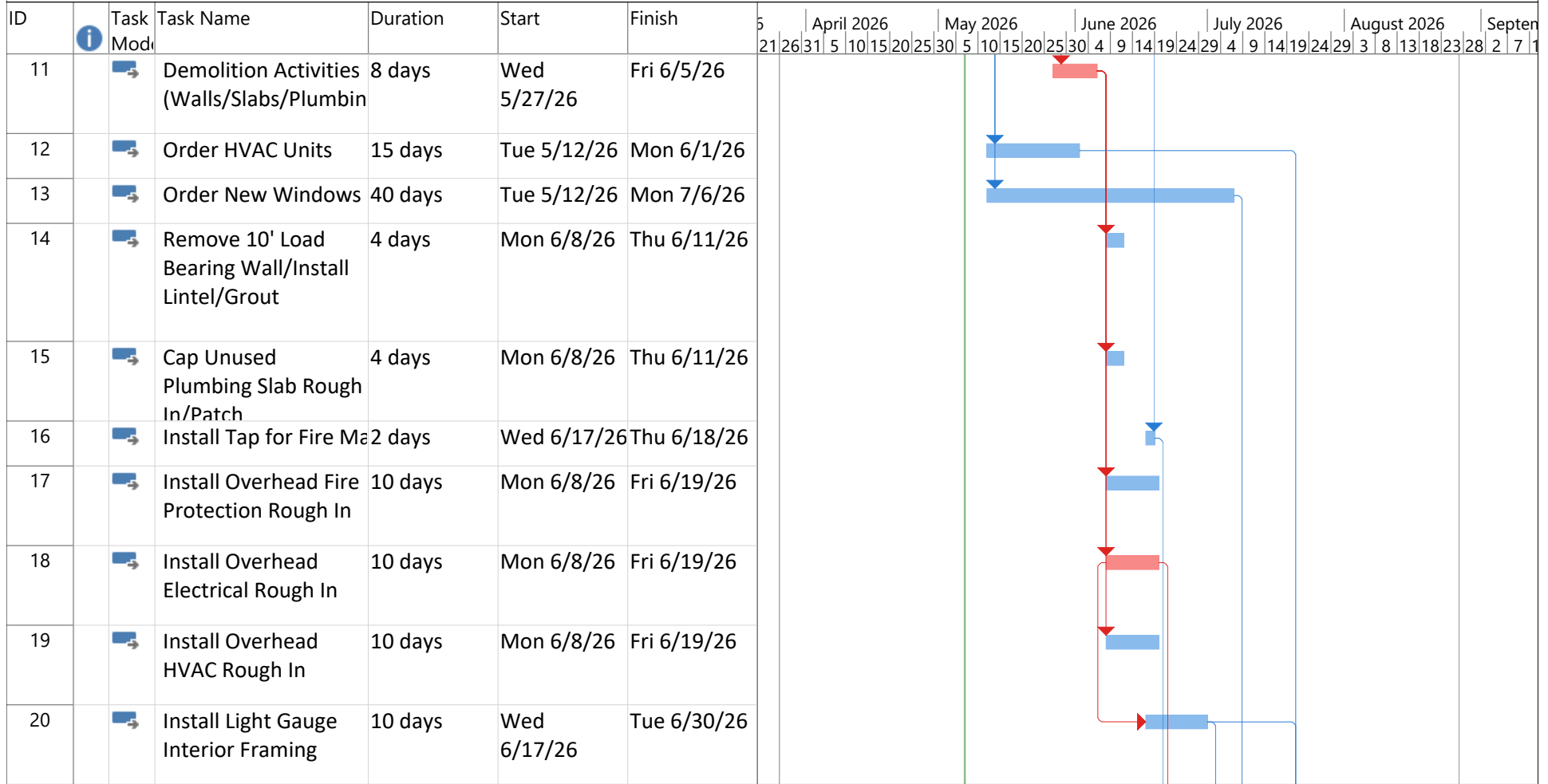
5

Rosenwald Building #2 Remodeling

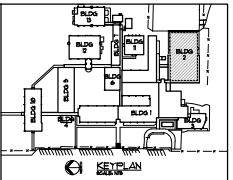
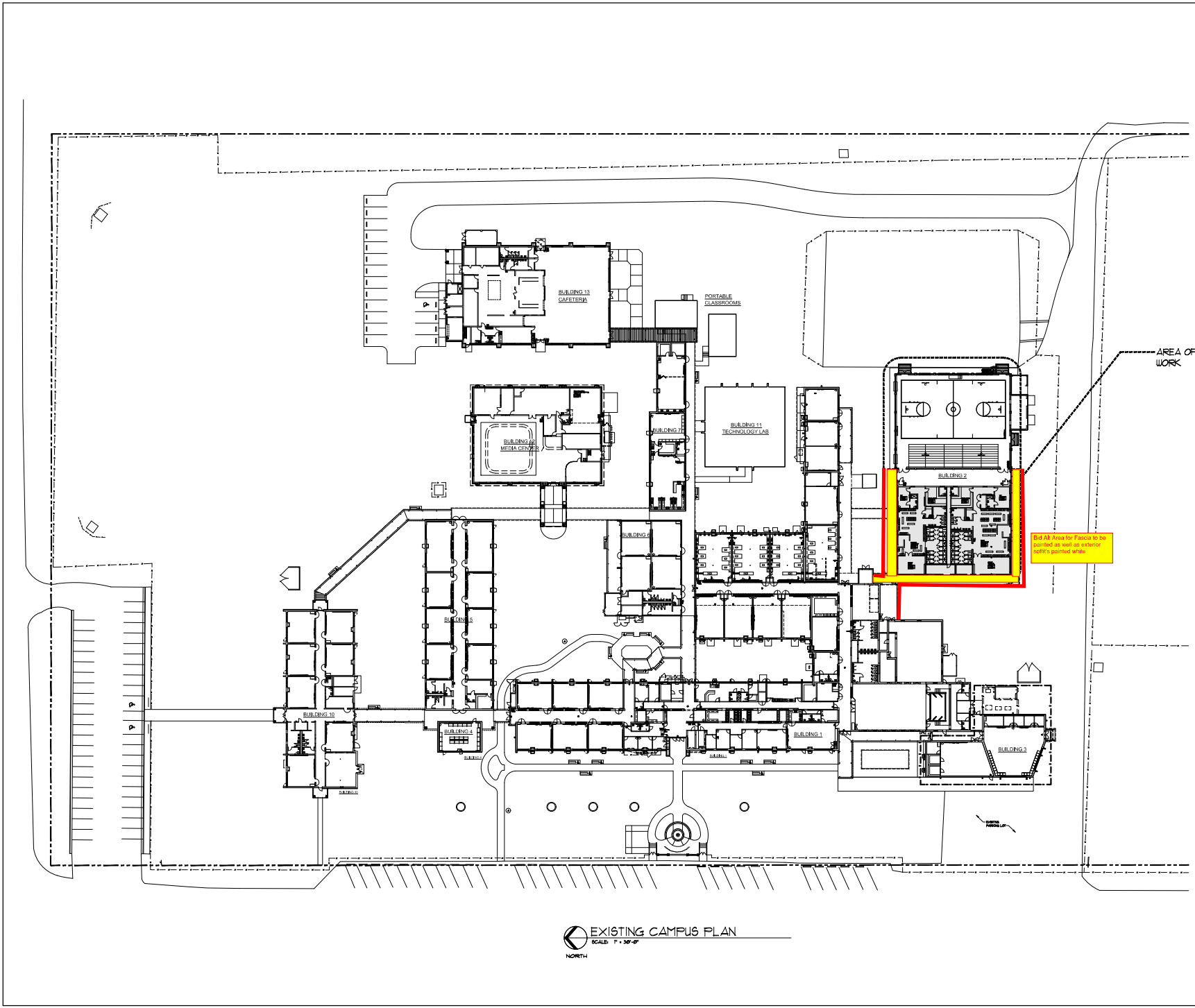
ID	Task Mod	Task Name	Duration	Start	Finish	April 2026							May 2026							June 2026							July 2026							August 2026							September 2026						
						5	12	19	26	3	10	17	24	31	5	12	19	26	3	10	17	24	31	4	11	18	25	31	4	11	18	25	31	3	10	17	24	31	2	9	16	23	30	1	8	15	22
1		JRA Preliminary Desig	15 days	Thu 3/26/26	Wed 4/15/26	[Red bar from 3/26 to 4/15]																																									
2		Childers to Complete GMP	4 days	Thu 4/16/26	Tue 4/21/26								[Blue bar from 4/16 to 4/21]																																		
3		School Board to Approve GMP	5 days	Wed 4/22/26	Tue 4/28/26								[Blue bar from 4/22 to 4/28]																																		
4		JRA To Complete Desi	13 days	Thu 4/16/26	Mon 5/4/26								[Blue bar from 4/16 to 5/4]																																		
5		Submit for Building Permit	3 days	Tue 5/5/26	Thu 5/7/26								[Blue bar from 5/5 to 5/7]																																		
6		Obtain Pricing for HVAC Units & Windows	5 days	Tue 5/5/26	Mon 5/11/26								[Blue bar from 5/5 to 5/11]																																		
7		Advertise for Bids	23 days	Thu 4/16/26	Mon 5/18/26								[Red bar from 4/16 to 5/18]																																		
8		Bid Day for Subcontractors	1 day	Tue 5/19/26	Tue 5/19/26															[Red diamond at 5/19]																											
9		Scope Reviews/Issue Subcontracts	5 days	Wed 5/20/26	Tue 5/26/26															[Red bar from 5/20 to 5/26]																											
10		Submittals Approval Process	15 days	Wed 5/27/26	Tue 6/16/26															[Blue bar from 5/27 to 6/16]																											

Childers Construction Compan Project: Rosenwald Bldg #2 Bid Date: Thu 5/7/26	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Critical	
	Project Summary		Manual Summary		Critical Split	
	Inactive Task		Start-only		Progress	
	Inactive Milestone		Finish-only		Manual Progress	

Rosenwald Building #2 Remodeling



Childers Construction Compan Project: Rosenwald Bldg #2 Bid Date: Thu 5/7/26	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Critical	
	Project Summary		Manual Summary		Critical Split	
	Inactive Task		Start-only		Progress	
	Inactive Milestone		Finish-only		Manual Progress	



AREA OF WORK

Do All Area to Facade to be painted as well as exterior roof's painted white.

EXISTING CAMPUS PLAN
SCALE: 1" = 30'-0"
NORTH

REVISIONS:

NO.	DESCRIPTION	DRAWN	CHECKED	DATE

PHASE:	DRAWN	CHECKED	DATE
SCHEMATIC DESIGN	HAT	DV	04/09/06
BID DOCUMENTS	HAT	EE	04/19/06
CONSTRUCTION DOCUMENTS	HAT	DD	05/07/06

JRA ARCHITECTS
2211 NAVY BLVD., STE 100
PANAMA CITY BEACH, FL
PHONE: (850) 236-5837
CONNECTION NUMBER: 3379

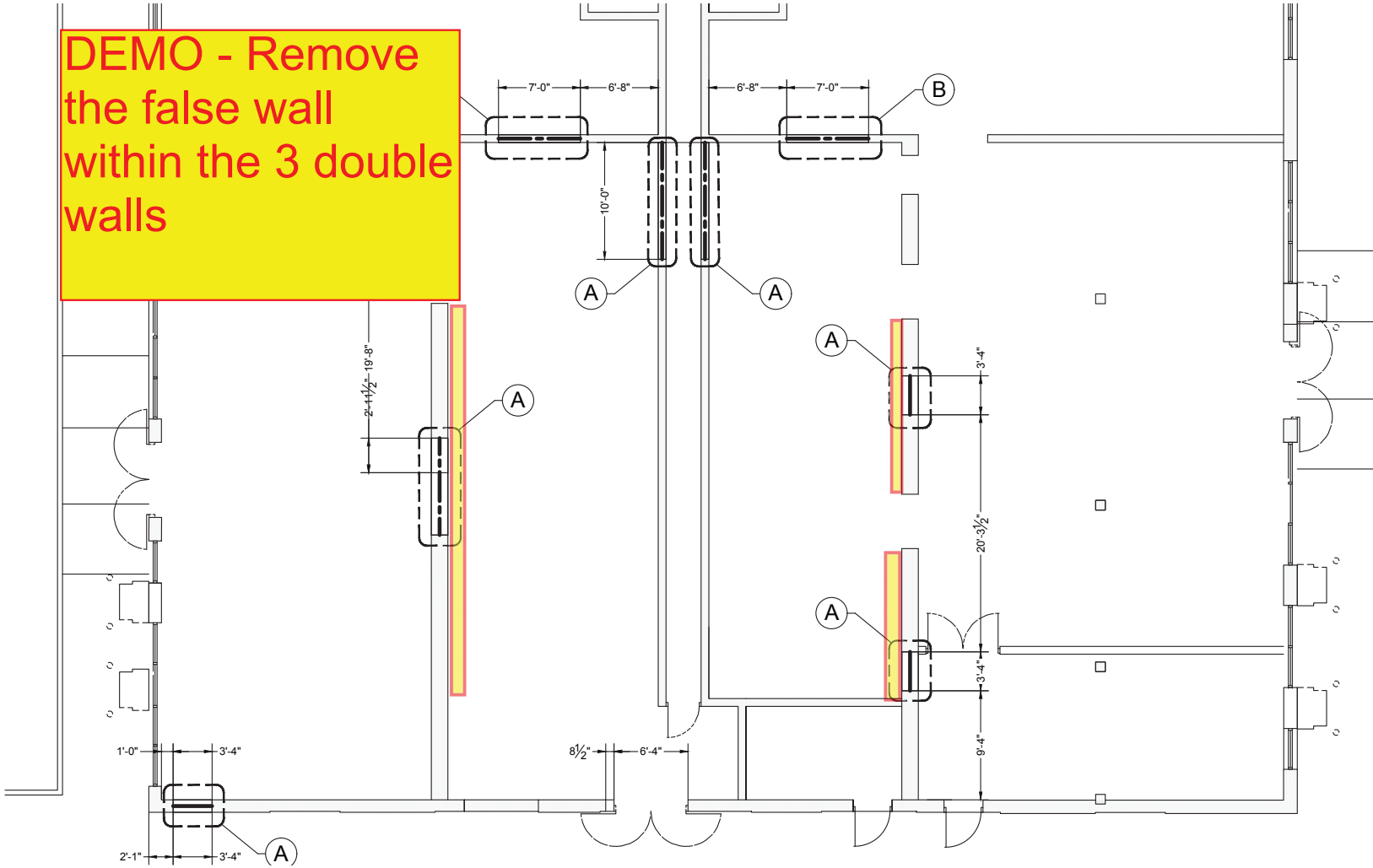
CONSULTANTS:

PROJECT:
ROSENWALD SCHOOL PHASE I
BUILDING #2 REMODELING

PANAMA CITY
SHEET TITLE:
EXISTING CAMPUS PLAN

SHEET NUMBER:
A0.1

DEMO - Remove the false wall within the 3 double walls



E
SYSTEM
INSTALL NEW
TO EACH F
FOR THIC