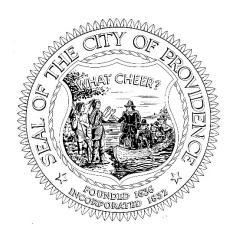
CITY OF PROVIDENCE DEPARTMENT OF PUBLIC PROPERTY

BATASTINI RECREATION CENTER EXTERIOR RAMP

50 Obediah Brown Road Providence, RI 02909



May 2025

Prepared By:

StudioJAED Architects & Engineers
42 Weybosset Street
Suite 403
Providence, RI 02903
Phone # (401)-648-0884

SECTION 00 0110

TABLE OF CONTENTS

PROCUREMENT AND CONTRACTING REQUIREMENTS

1.01 DIVISION 00 -- PROCUREMENT AND CONTRACTING REQUIREMENTS

- A. 00 0110 Table of Contents
- B. 00 4000 Procurement Forms and Supplements
- C. 00 4323 Alternates Form

SPECIFICATIONS

2.01 DIVISION 01 -- GENERAL REQUIREMENTS

- A. 01 1000 Summary
- B. 01 2000 Price and Payment Procedures
- C. 01 2300 Alternates
- D. 01 3000 Administrative Requirements
- E. 01 4000 Quality Requirements
- F. 01 5000 Temporary Facilities and Controls

2.02 DIVISION 02 -- EXISTING CONDITIONS

A. 02 4100 - Demolition

2.03 DIVISION 05 -- METALS

A. 05 5213 - Pipe and Tube Railings

2.04 DIVISION 32 -- EXTERIOR IMPROVEMENTS

- A. 32 1216 Asphalt Paving
- B. 32 1413 Precast Concrete Unit Paving
- C. 32 1623 Sidewalks
- D. 32 1713 Parking Bumpers
- E. 32 1723 Pavement Markings
- F. 32 1726 Tactile Warning Surfacing

END OF SECTION

SECTION 00 4000 PROCUREMENT FORMS AND SUPPLEMENTS

PART 1 GENERAL

1.01 FORMS

- A. Use the following forms for the specified purposes unless otherwise indicated elsewhere in the procurement requirements.
- B. City of Providence Request for Proposals
- C. Procurement Form Supplements:
 - 1. Alternates Form: Section 00 4323 Alternates Form.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION



BOARD OF CONTRACT AND SUPPLY CITY OF PROVIDENCE, RHODE ISLAND

REQUEST FOR PROPOSALS

Item Description: BATASTINI RECREATION CENTER EXTERIOR RAMP

Procurement/MinuteTraq #: Click or tap here to enter text.

Date to be opened: June 30, 2025

Issuing Department: Public Property

QUESTIONS

- Please direct questions related to the bidding process, how to fill out forms, and how to submit a bid (Pages 1-8) to the Purchasing Department.
 - o Email: <u>purchasing@providenceri.gov</u>
 - Please use the subject line "Solicitation Question"
- Please direct questions relative to the Minority and Women's Business Enterprise Program and the corresponding forms (Pages 9-13) to the MBE/WBE Outreach Director for the City of Providence, Grace Diaz
 - o Email: gdiaz@providenceri.gov
 - Please use subject line "MBE WBE Forms"
- Please direct questions relative to the specifications outlined (beginning on page 14) to the issuing department's subject matter expert:
 - Name: Taylor Erkkinen
 - o Title: Project Manager
 - o Email Address: Terkkinen@providenceri.gov

Pre-bid Conference

There will be a Mandatory Pre-Bid Conference

Date of Pre-Bid Conference: 6/10/2025 Time: 11:00 am

50 Obadiah Brown Road, Providence, RI 02909

Questions Due: June 20, 2025 @ 12:00 pm



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

INSTRUCTIONS FOR SUBMISSION

Bids may be submitted up to **2:15 P.M.** on the above meeting date at the **Department of the City Clerk. Room 311, City Hall. 25 Dorrance Street, Providence.** At 2:15 P.M. all bids will be publicly opened and read at the Board of Contract Meeting in Conference Room 305, on the 3rd floor of City Hall.

- Bidders must submit 2 copies of their bid in sealed envelopes or packages labeled with the captioned Item Description and the City Department to which the solicitation and bid are related and must include the company name and address on the envelope as well. (On page 1).
- If required by the Department, please keep the original bid bond and check in only one of the envelopes.
- Communications to the Board of Contract and Supply that are not competitive sealed bids (i.e. product information/samples) should have "**NOT A BID**" written on the envelope or wrapper.
- Only use form versions and templates included in this solicitation. If you have an old version of a form do not recycle it for use in this bid.
- The bid envelope and information relative to the bid must be addressed to:

Board of Contract and Supply Department of the City Clerk – City Hall, Room 311 25 Dorrance Street Providence, RI 02903

**<u>PLEASE NOTE</u>: This bid may include details regarding information that you will need to provide (such as proof of licenses) to the issuing department before the formalization of an award.

This information is NOT requested to be provided in your initial bid by design.

All bids submitted to the City Clerk become public record. Failure to follow instructions could result in information considered private being posted to the city's Open Meetings Portal and made available as a public record. The City has made a conscious effort to avoid the posting of sensitive information on the City's Open Meetings Portal, by requesting that such sensitive information be submitted to the issuing department only at their request.



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

BID PACKAGE CHECKLIST

Digital forms are available in the City of Providence Purchasing Department Office or online at http://www.providenceri.gov/purchasing/how-to-submit-a-bid/

The bid package MUST include the following, in this order:

- Bid Form 1: Bidder's Blank as the cover page/ 1st page (see page 6 of this document)
- Bid Form 2: Certification of Bidder as 2nd page (see page 7 of this document)
- Bid Form 3: Certificate Regarding Public Records (see page 8 of this document)
- Bid Form 4: Affidavit of City Vendor (see pages 9 and 10 of this document)
- Forms from the Minority and Women Business Enterprise Program: Based on Bidder Category. See forms and instructions enclosed (pages 11-15) or on:
 https://www.providenceri.gov/purchasing/minority-women-owned-business-mbewbe-procurement-program/
- *Please note: MBE/WBE forms must be completed for EVERY bid submitted and must be inclusive of <u>ALL</u> required signatures. Forms without all required signatures will be considered <u>incomplete</u>.
 - Bidder's Proposal/Packet: Formal response to the specifications outlined in this RFP, including pricing information and details related to the good(s) or service(s) being provided. Please be mindful of formatting responses as requested to ensure clarity.
 - Financial Assurance, if requested (as indicated on page 5 of this document under "Bid Terms")

All of the above listed documents are REQUIRED. (With the exception of financial assurances, which are only required if specified on page 5.)

***Failure to meet specified deadlines, follow specific submission instructions, or enclose all required documents with all applicable signatures will result in disqualification, or in an inability to appropriately evaluate bids.



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

NOTICE TO VENDORS

- 1. The Board of Contract and Supply will make the award to the lowest qualified and responsible bidder.
- 2. In determining the lowest responsible bidder, cash discounts based on preferable payment terms will not be considered.
- 3. Where prices are the same, the Board of Contract and Supply reserves the right to award to one bidder, or to split the award.
- 4. No proposal will be accepted if the bid is made in collusion with any other bidder.
- 5. Bids may be submitted on an "equal in quality" basis. The City reserves the right to decide equality. Bidders must indicate brand or the make being offered and submit detailed specifications if other than brand requested.
- 6. A bidder who is an out-of-state corporation shall qualify or register to transact business in this State, in accordance with the Rhode Island Business Corporation Act, RIGL Sec. 7-1.2-1401, et seq.
- 7. The Board of Contract and Supply reserves the right to reject any and all bids.
- 8. Competing bids may be viewed in person at the Department of the City Clerk, City Hall, Providence, immediately upon the conclusion of the formal Board of Contract and Supply meeting during which the bids were unsealed/opened. Bids may also be accessed electronically on the internet via the City's Open Meetings Portal.
- 9. As the City of Providence is exempt from the payment of Federal Excise Taxes and Rhode Island Sales Tax, prices quoted are not to include these taxes.
- 10. In case of error in the extension of prices quoted, the unit price will govern.
- 11. The contractor will **NOT** be permitted to: a) assign or underlet the contract, or b) assign either legally or equitably any monies or any claim thereto without the previous written consent of the City Purchasing Director.
- 12. Delivery dates must be shown in the bid. If no delivery date is specified, it will be assumed that an immediate delivery from stock will be made.
- 13. A certificate of insurance will normally be required of a successful vendor.
- 14. For many contracts involving construction, alteration and/or repair work, State law provisions concerning payment of prevailing wage rates apply (<u>RIGL Sec. 37-13-1 et seq.</u>)
- 15. No goods should be delivered, or work started without a Purchase Order.
- 16. Submit 2 copies of the bid to the City Clerk, unless the specification section of this document indicates otherwise.
- 17. Bidder must certify that it does not unlawfully discriminate on the basis of race, color, national origin, gender, gender identity or expression, sexual orientation and/or religion in its business and hiring practices and that all of its employees are lawfully employed under all applicable federal, state and local laws, rules and regulations. (See Bid Form 2.)



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

BID TERMS

1.	Financial assurances may be required in order to be a successful bidder for Commodity or Construction and Service contracts. <u>If either of the first two checkboxes below is checked, the specified assurance</u> <u>must accompany a bid, or the bid will not be considered by the Board of Contract and Supply. The third checkbox indicates the lowest responsible bidder will be contacted and required to post a bond to be awarded the contract.</u>
	a) A certified check for <u>\$</u> must be deposited with the City Clerk as a guarantee that the Contract will be signed and delivered by the bidder.
	b) A bid bond in the amount of per centum (%) of the proposed total price, must be deposited with the City Clerk as a guarantee that the contract will be signed and delivered by the bidder; and the amount of such bid bond shall be retained for the use of the City as liquidated damages in case of default. Any person signing a bid bond as an attorney-in-fact shall include with the bid bond an original, or a photocopy or facsimile of an original, power of attorney.
	c) A performance and payment bond with a satisfactory surety company will be posted by the bidder in a sum equal to one hundred per centum (100%) of the awarded contract.
	d) No financial assurance is necessary for this item.
2.	Awards will be made within sixty (60) days of bid opening . All bid prices will be considered firm, unless qualified otherwise. Requests for price increases will not be honored.
3.	Failure to deliver within the time quoted or failure to meet specifications may result in default in accordance with the general specifications. It is agreed that deliveries and/or completion are subject to

strikes, lockouts, accidents, and Acts of God. The following entry applies only for COMMODITY BID TERMS:

4. Payment for partial delivery will not be allowed except when provided for in blanket or term contracts. The following entries apply only for CONSTRUCTION AND SERVICE BID TERMS:

- 5. Only one shipping charge will be applied in the event of partial deliveries for blanket or term contracts.
- 6. Prior to commencing performance under the contract, the successful bidder shall attest to compliance with the provisions of the Rhode Island Worker's Compensation Act, <u>RIGL 28-29-1</u>, et seq. If exempt from compliance, the successful bidder shall submit a sworn Affidavit by a corporate officer to that effect, which shall accompany the signed contract.
- 7. Prior to commencing performance under the contract, the successful bidder shall, submit a certificate of insurance, in a form and in an amount satisfactory to the City.



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

BID FORM 1: Bidders Blank (Page 1)

- 1. Bids must meet the attached specifications. Any exceptions or modifications must be noted and fully explained.
- 2. Bidder's responses must be in ink or typewritten, and all blanks on the bid form should be completed.
- 3. The price or prices proposed should be stated both in WRITING and in FIGURES, and any proposal not so stated may be rejected. Contracts exceeding twelve months must specify annual costs for each year.
- 4. Bids **SHOULD BE TOTALED** so that the final cost is clearly stated (unless submitting a unit price bid), however **each item should be priced individually**. Do not group items. Awards may be made on the basis of *total* bid or by *individual items*.
- 5. All bids MUST BE SIGNED IN INK.

Name of Bidder (Firm or Individual):	
Contact Name:	
Business Address:	
Business Phone #:	
Contact Email Address:	
Agrees to bid on (Write the "Item Description" here):	
If the bidder's company is based in a state other than Rhode	
<u>Island</u> , list name and contact information for a local agent	
for service of process that is located within Rhode Island	
Delivery Date (if applicable):	
Name of Surety Company (if applicable):	
Total Amount in Writing*:	
Total Amount in Figures*:	
If you are submitting a unit price bid, please insert "Unit Price Bid"	
Use additional pages if necessary for additional bidding details.	
	Signature of Representation
	Title



BOARD OF CONTRACT AND SUPPLY CITY OF PROVIDENCE, RHODE ISLAND

BID FORM 1: Bidders Blank (Page 2)

Base Bid (Lump Sum)	\$		
Add Alternate #1:	Replace loading dock handrail	\$	
Add Alternate #2:	Replace concrete sidewalk to base stair	\$	
Allowance:	Awning	\$5,000.00	

Printed Name



BOARD OF CONTRACT AND SUPPLY CITY OF PROVIDENCE, RHODE ISLAND

BID FORM 2: Certification of Bidder

(Non-Discrimination/Hiring)

Up	pon behalf of	(Firm or Individual Bidding),
I,		Name of Person Making Certification),
bei	eing its	(Title or "Self"), hereby certify that:
1.	Bidder does not unlawfully discriminate on the basis of rac orientation and/or religion in its business and hiring practic	
2.	All of Bidder's employees have been hired in compliance laws, rules and regulations.	with all applicable federal, state and local
I af	affirm by signing below that I am duly authorized on behalf o	f Bidder, on
this	nisday of20	
	_	
		Signature of Representation

Printed Name



BOARD OF CONTRACT AND SUPPLY CITY OF PROVIDENCE, RHODE ISLAND

BID FORM 3: Certificate Regarding Public Records

Upon	n behalf of	(Firm or Individual Bidding),
I,		(Name of Person Making Certification),
being	g its	(Title or "Self"), hereby certify an
unders	rstanding that:	
1.	(RFQ's), documents contained within, and t	for Proposals (RFP's) and Requests for Qualification the details outlined on those documents become public ce and opening at the corresponding Board of Contract
2.	. The Purchasing Department and the issuing effort to request that sensitive/personal information of the personal	department for this RFP/RFQ have made a conscious rmation be submitted directly to the issuing on of specific details is critical the evaluation of a
3.	. The requested supplemental information masuch details may result in disqualification, o	y be crucial to evaluating bids. Failure to provide or an inability to appropriately evaluate bids.
4.	. If sensitive information that has not been reddefined supplemental information prior to the	quested is enclosed or if a bidder opts to enclose the ne issuing department's request in the bidding packet widence has no obligation to redact those details and
5.	. The City of Providence observes a public ar the bidding packet may not be submitted dir	nd transparent bidding process. Information required in rectly to the issuing department at the discretion of the such as pricing terms, from becoming public. Bidders
I affir	rm by signing below that I am duly authorized	on behalf of Bidder, on
this	day of	20
		Signature of Representation



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

BID FORM 4: Affidavit of City Vendor

Per our Code of Ordinances Sec. 21.-28.1 (e), this form applies to a) the business, b) any political action committee whose name includes the name of the business, c) all persons holding ten (10) percent or greater equity interest or five thousand dollars (\$5,000.00) or greater cash value interest in the business at any time during the reporting period, d) all executive officers of the business entity, e) any spouse or dependent child of any individual identified in a) though d) above.

Executive officers who are not residents of the state of Rhode Island are exempted from this requirement.

Per <u>R.I.G.L.</u> § 36-14-2, "Business" means a sole proprietorship, partnership, firm, corporation, holding company, joint stock company, receivership, trust, or any other entity recognized in law through which business for profit or not for profit is conducted.

Name of the person making this affidavit:	
Position in the "Business"	
Name of Entity	
Address:	
Phone number:	
The number of persons or entities in your entity	that are required to report under Sec. 2128.1 (e):
Read the following paragraph and answer of	ne of the options:
are not in writing within the 12 month period p	of this bid submission with the City of Providence, or with respect to the contracts that receding the date of notification that the contract has reached the \$100,000 threshold, a calendar year to (please list all persons or entities required under Sec. 2128.1 (e)).
 a. Members of the Providence City Council? If Yes, please complete the following: 	
Recipient(s) of the Contribution: Contribution Date(s):	Contribution Amount(s):
 b. Candidates for election or reelection to the If Yes, please complete the following: Recipient(s) of the Contribution: 	· · · · · · · · · · · · · · · · · · ·
Contribution Date(s):	Contribution Amount(s):



BOARD OF CONTRACT AND SUPPLY CITY OF PROVIDENCE, RHODE ISLAND

c.	 The Mayor of Providence? ☐ Yes ☐ No If Yes, please complete the following: Recipient(s) of the Contribution: 		
	Contribution Date(s):	Contribution Amount(s):	
d.	Candidates for election or reelection to the office of If Yes, please complete the following: Recipient(s) of the Contribution: Contribution Date(s):	f Mayor of Providence? ☐ Yes Contribution Amount(s):	□ No
	Signed under the pains and penalties of perjury Position	7.	



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

WBE/MBE Form Instructions

The City of Providence actively seeks Minority and Women business enterprises to participate in bids to meet the City's procurement needs. Pursuant to the City of Providence Code of Ordinances, Chapter 21, Article II, Sec. 21-52 (Minority and Women's Business Enterprise) and Rhode Island General Laws (as amended), Chapter 37-14, et seq. (Minority Business Enterprise), Minority Business Enterprise (MBE) and Women's Business Enterprise (WBE) participation goals apply to contracts.

The goal for Minority Business Enterprise (MBE) participation is 10% of the total bid value. The goal for Women's Business Enterprise (WBE) participation is 10% of the total bid value. The goal for combined MBE/WBE participation is 20% of the total bid value.

Only businesses certified with the State of Rhode Island as minority and/or women business enterprises are counted towards the City's goals. Eligible minority or women-owned businesses are encouraged to seek certification from the State of Rhode Island Minority Business Enterprise Compliance Office at: https://dedi.ri.gov/divisions-units/minority-business-enterprise-compliance-office

Note: MBE certification with the State of Rhode Island on the basis of Portuguese heritage is not currently recognized by the City of Providence's MBE program.

Bid Requirements:

- 1. All Bidders: All bidders must complete and submit the MBE/WBE Participation Affidavit (page 13) indicating whether or not they are a state-certified MBE/WBE and acknowledging the City's participation goals. Submission of this form is required with every bid. Your bid will not be accepted without an affidavit.
- 2. Bidders who will be subcontracting: In addition to the MBE/WBE Participation Affidavit, Bidders who will be subcontracting must submit the Subcontractor Disclosure Form as part of their bid submission. All subcontractors, regardless of MBE/WBE status, must be listed on this form. Business NAICS codes can be found at https://www.naics.com/search/. Awarded bidders are required to submit Subcontractor Utilization and Payment Reports with each invoice.

3. Waiver Requests:

- a) If the percentage of the total amount of the bid being awarded to MBE or WBE vendors is less than 20% (Box F on the Subcontractor Disclosure Form) and the prime contractor is not a Rhode Island State-certified MBE or WBE, the Bidder must complete the MBE/WBE Waiver Request Form (page 14) and obtain approvals prior to bid submission.
- b) If the prime contractor company has the capacity to perform the whole project, the City of Providence requires the contractor to complete the MBE/WBE Waiver Request Form (page 14) and obtain approvals prior to bid submission.
- c) If the contractor is a nonprofit organization, they are not required to complete the *MBE/WBE Waiver Request Form*. However, the City of Providence requires the nonprofit organization to provide the *MBE/WBE Participation Affidavit Form* and proof of its nonprofit status.
- d) If the contractor has researched the RI Certified minority list (https://dedi.ri.gov/divisions-units/minority-business-enterprise-mbe) and the state does not have any companies in the desired trade, the contractor must complete the MBE/WBE Waiver Request Form (page 14) and obtain approvals prior to bid submission.
- e) Waivers will be considered for approval on a case-by-case basis.



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

Verifying MBE/WBE Certification

It is the responsibility of the bidder to confirm that every MBE or WBE named in a proposal and included in a contract is certified by the Rhode Island Minority Business Enterprise Compliance Office. The current MBE/WBE directory is available at the State of RI MBE Office, One Capitol Hill, 2nd Floor, Providence, RI, or online at http://odeo.ri.gov/offices/mbeco/mbe-wbe.php. You can also call (401) 574-8670 to verify certification, expiration dates, and services that the MBE/WBE is certified to provide. Note: MBE certification with the State of Rhode Island on the basis of Portuguese heritage is not currently recognized by the City of Providence's MBE program.

Form Instructions:

Access all bid forms from http://www.providenceri.gov/oeo/ or http://www.providenceri.gov/purchasing/minority-women-owned-business-mbewbe-procurement-program/. Download the forms as blank PDFs. Once saved on your computer, fill them out using the Adobe program. The fillable PDFs must be completed in Adobe in order to be saved property. Google Chrome and similar platforms do not allow for the forms to be saved as filled PDFs. Therefore, please download the blank forms to your computer, then fill them out and save.

Assistance with Form Requirements

Examples of completed forms can be found on the City of Providence website at http://www.providenceri.gov/oeo/ or http://www.providenceri.gov/oeo/ or http://www.providenceri.gov/oeo/ or http://www.providenceri.gov/purchasing/minority-women-owned-business-mbewbe-procurement-program/.

Contract Requirements:

Prime contractors engaging subcontractors must submit the *Subcontractor Utilization and Payment Report* to the City Department's Fiscal Agent with every invoice and request for final payment. A copy of all forms should be sent to the MBE/WBE Outreach Director Office, Grace Diaz at gdiaz@providenceri.gov. This form is not submitted as a part of the initial bid package. For contracts with durations of less than 3 months, this form must be submitted along with the contractor's request for final payment. The form must include all subcontractors utilized on the contract, both MBE/WBE and non- MBE/WBE, the total amount

payment. The form must include all subcontractors utilized on the contract, both MBE/WBE and non- MBE/WBE, the total amount paid to each subcontractor for the given period and to date, A copy of all forms should be sent to the MBE/WBE Outreach Director Office, Grace Diaz at gdiaz@providenceri.gov. During the term of the contract, any unjustified failure to comply with the MBE/WBE participation requirements is a material breach of contract.

Questions?

For more information or for assistance with MBE/WBE Forms, contact the City of Providence MBE/WBE Outreach Director, Grace Diaz, at gdiaz@providenceri.gov or (401) 680-5766.



BOARD OF CONTRACT AND SUPPLY CITY OF PROVIDENCE, RHODE ISLAND

MBE/WBE PARTICIPATION AFFIDAVIT Project /Item Description (as seen on RFP):

Project/Item Description (as seen on KFF):		
Prime Bidder:Company Name, Address and Trade:	Contact Email and Phone	
Which one of the following describes your business certification with the State of Rhode Island? ☐MI	s' status in terms of Minority and/or Woman-Owned Business Enterprise BE	
representative of contractor, I make this Affidavi It is the policy of the City of Providence that minori have the maximum opportunity to participate in pro-	the bottom of this document in my capacity as the contractor or an authorized rit: ity business enterprises (MBEs) and women business enterprises (WBEs) should becurements and projects as prime contractors and vendors. Pursuant to Sec. 21-52 37-14 et seq. of the Rhode Island General Laws (as amended), MBE and WBE	
The goal for Women's Business	ss Enterprise (MBE) participation is 10% of the total bid value. ss Enterprise (WBE) participation is 10% of the total bid value. MBE/WBE participation is 20% of the total bid value.	
If awarded the contract, I understand that my compa Providence (MBE/WBE Office), copies of all execu	supporting MBE/WBE certified businesses. Initial any must submit to the Minority and Women's Business Coordinator at the City of uted agreements with the subcontractor(s) being utilized to achieve the participation ws. I understand that these documents must be submitted prior to the issuance	
	irm must submit to the MBE/WBE Office canceled checks and reports y basis verifying payments to the subcontractors(s) utilized on the	
that I must substitute another certified MBE and WE substitution until I have obtained the written app. Initial If awarded this contract, I understand that authorecords and files of my firm from time to time, to firm is complying with the City's MBE/WBE par. Initial	orized representatives of the City of Providence may examine the books, to the extent that such material is relevant to a determination of whether my reticipation requirements.	
	lty of perjury that the contents of the foregoing Affidavit are true and correct elief.	
Signature of Bidder	Printed Name	
Company Name	Date	



BOARD OF CONTRACT AND SUPPLY

CITY OF PROVIDENCE, RHODE ISLAND

SUBCONTRACTOR DISCLOSURE FORM

Fill out this form only if you WILL proposed bid, do not fill out this for		AC1 with	other parties.	If you will not subco	ontract any portion of the
Prime Bidder:			Primary NAI	CS	
Code:			_ ,		
tem Description (as seen on RFP): _					
Please list all Subcontractors below the dollar amount to be subcontracted certified MBE/WBE firms is located attps://www.naics.com/search/	l. Please check	off MBE a	and WBE wher	e applicable. The dire	
Proposed Subcontractor	MBE	WBE	Primary NAICS Code	Date of Mobilization	\$ Value of Subcontract
					\$
					\$
					\$
					\$
					\$
					\$
A. MBE SUBCONTRACTED A	MOUNT:				\$
B. WBE SUBCONTRACTED A	MOUNT:				\$
C. NON-MBE WBE SUBCONTI	RACTED AM	OUNT:			s
D. DOLLAR AMOUNT OF WO	RK DONE BY	THE PR	IME CONTR	ACTOR:	s
E. TOTAL AMOUNT OF BID (S	SUM OF A, B,	C, & D):			s
F. PERCENTAGE OF BID SUB (Divide the sum of A and B by E				Es.	•
Please read and initial the following started to MBE or WBE vendors is WBE, you must fill out the MBE/W Dutreach Director. Initial	less than 20% (Box (F) an	d the prime co	ontractor is NOT a Rh	ode Island State-certified MBE or



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

MBE/WBE Waiver Request Form

or Duly Authorized Representative

Fill out this form only if you did not meet the 20% MBE/WBE participation goal. State-certified MBE or WBE Prime Bidders are NOT REQUIRED to fill out this form.

Submit this form to the City of Providence MBE/WBE Outreach Director, Grace Diaz, at gdiaz@providenceri.gov, for review **prior** to bid submission. This waiver applies only to the current bid which you are submitting to the City of Providence and does not apply to other bids your company may submit in the future. In case a waiver is needed, City Department Directors should not recommend a hidder for an award if this form is not included, absent or is not signed by the city of Providence MBE/WBE director.

Prime Bidder:		Contact Email and Phone	
Company Name, Address:		Trade	
Project /Item Description (as seen	on RFP):		
whom you interacted, and the reas	son the MBE/WBE compan	y could not participate on this pro	
MBE/WBE Company Name	Individual's Name	Company Name	Why did you choose not to work with this company?
waiver of % MBE/WBE	(20% minus the value of B	ox F on the Subcontractor Disclo	f the total bid value. I am requesting sure Form). If an opportunity is ffort will be made to select MBE/W
Signature of Prime Contractor / or Duly Authorized Representativ	Printed	Name	Date Signed
Signature of City of Providence MBE/WBE Outreach Director /		Name of City of Providence VBE Outreach Director	Date Signed



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

BID PACKAGE SPECIFICATIONS

Project Name: BATASTINI RECREATIONAL CENTER EXTERIOR RAMP.

Owner's Name: CITY OF PROVIDENCE DEPARTMENT OF PUBLIC PROPERTY.

Architect's Name: StudioJAED.

The Project consists of the construction of an exterior ramp, rails, and accessible parking

space..

Scope of Work

The scope of work for the Exterior Ramp at Batastini Recreation Center is as indicated in the construction documents:

Drawings

G-000 COVER SHEET

G-001 GENERAL NOTES SYMBOLS AND ABBREVIATIONS

AD-100 DEMOLITION PLAN

A-100 SITE PLAN

A-400 ENLARGED PLANS

A-401 RAMP DETAILS AND SECTIONS

A-402 SITE DETAILS

Specifications

See attached Table of Contents

SECTION 00 0110

TABLE OF CONTENTS

PROCUREMENT AND CONTRACTING REQUIREMENTS

1.01 DIVISION 00 -- PROCUREMENT AND CONTRACTING REQUIREMENTS

- A. 00 0110 Table of Contents
- B. 00 4000 Procurement Forms and Supplements
- C. 00 4323 Alternates Form

SPECIFICATIONS

2.01 DIVISION 01 -- GENERAL REQUIREMENTS

- A. 01 1000 Summary
- B. 01 2000 Price and Payment Procedures
- C. 01 2300 Alternates
- D. 01 3000 Administrative Requirements
- E. 01 4000 Quality Requirements
- F. 01 5000 Temporary Facilities and Controls

2.02 DIVISION 02 -- EXISTING CONDITIONS

A. 02 4100 - Demolition

2.03 DIVISION 05 -- METALS

A. 05 5213 - Pipe and Tube Railings

2.04 DIVISION 32 -- EXTERIOR IMPROVEMENTS

- A. 32 1216 Asphalt Paving
- B. 32 1413 Precast Concrete Unit Paving
- C. 32 1623 Sidewalks
- D. 32 1713 Parking Bumpers
- E. 32 1723 Pavement Markings
- F. 32 1726 Tactile Warning Surfacing

END OF SECTION



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

SUPPLEMENTAL INFORMATION

If the issuing department for this RFP determines that your firm's bid is best suited to accommodate their need, you will be asked to provide proof of the following prior to formalizing an award.

An inability to provide the outlined items at the request of the department may lead to the disqualification of your bid.

This information is <u>NOT</u> requested to be provided in your initial bid that you will submit to the City Clerk's office by the "date to be opened" noted on page 1. This list only serves as a list of items that your firm should be ready to provide on request.

<u>All bids submitted to the City Clerk become public record</u>. Failure to follow instructions could result in information considered private being posted to the city's Open Meetings Portal and made available as a public record.

You must be able to provide:

- Business Tax ID will be requested after an award is approved by the Board of Contract and Supply.
- Proof of Insurance.
- Certificate of Good Standing with the Rhode Island Secretary of State.

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BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

CITY OF PROVIDENCE STANDARD TERMS & CONDITIONS

- 1. The terms "you" and "your" contained herein refer to the person or entity that is a party to the agreement with the City of Providence ("the City") and to such person's or entity's employees, officers, and agents.
- 2. The Request For Proposals ("RFP") and these Standard Terms and Conditions together constitute the entire agreement of the parties ("the Agreement") with regard to any and all matters. By your submission of a bid proposal or response to the City's RFP, you accept these Standard Terms & Conditions and agree that they supersede any conflicting provisions provided by bid or in any terms and conditions contained or linked within a bid and/or response. Changes in the terms and conditions of the Agreement, or the scope of work thereunder, may only be made by a writing signed by the parties.
- 3. You are an independent contractor and in no way does this Agreement render you an employee or agent of the City or entitle you to fringe benefits, workers' compensation, pension obligations, retirement or any other employment benefits. The City shall not deduct federal or state income taxes, social security or Medicare withholdings, or any other taxes required to be deducted by an employer, and this is your responsibility to yourself and your employees and agents.
- 4. You shall not assign your rights and obligations under this Agreement without the prior written consent of the City. Any assignment without prior written consent of the City shall be voidable at the election of the City. The City retains the right to refuse any and all assignments in the City's sole and absolute discretion.
- 5. Invoices submitted to the City shall be payable sixty (60) days from the time of receipt by the City. Invoices shall include support documentation necessary to evidence completion of the work being invoiced. The City may request any other reasonable documentation in support of an invoice. The time for payment shall not commence, and invoices shall not be processed for payment, until you provide reasonably sufficient support documentation. In no circumstances shall the City be obligated to pay or shall you be entitled to receive interest on any overdue invoice or payment. In no circumstances shall the City be obligated to

- pay any costs associated with your collection of an outstanding invoice.
- 6. For contracts involving construction, alteration, and/or repair work, the provisions of applicable state labor law concerning payment of prevailing wage rates (R.I. Gen. Laws §§ 37-13-1 et seq., as amended) and the City's First Source Ordinance (Providence Code of Ordinances §§ 21-91 et seq., as amended) apply.
- 7. With regard to any issues, claims, or controversies that may arise under this Agreement, the City shall not be required to submit to dispute resolution or mandatory/binding arbitration. Nothing prevents the parties from mutually agreeing to settle any disputes using mediation or non-binding arbitration.
- 8. To the fullest extent permitted by law, you shall indemnify, defend, and hold harmless the City, its employees, officers, agents, and assigns from and against any and all claims, damages, losses, allegations, demands, actions, causes of action, suits, obligations, fines, penalties, judgments, liabilities, costs and expenses, including but not limited to attorneys' fees, of any nature whatsoever arising out of, in connection with, or resulting from the performance of the work provided in the Agreement.
- 9. You shall maintain throughout the term of this Agreement the insurance coverage that is required by the RFP or, if none is required in the RFP, insurance coverage that is considered in your industry to be commercially reasonable, and you agree to name the City as an additional insured on your general liability policy and on any umbrella policy you carry.
- 10. The City shall not subject itself to any contractual limitations on liability. The City shall have the time permitted within the applicable statute of limitations, and no less, to bring or assert any and all causes of action, suits, claims or demands the City may have arising out of, in connection with, or resulting from the performance of the work provided in the Agreement, and in no event does the City agree to limit your liability to the price of the Agreement or any other monetary limit.
- 11. The City may terminate this Agreement upon five (5) days' written notice to you if you fail to observe any of the terms and conditions of this Agreement, or if the City believes your ability to perform the



BOARD OF CONTRACT AND SUPPLYCITY OF PROVIDENCE, RHODE ISLAND

terms and conditions of this Agreement has been materially impaired in any way, including but in no way limited to loss of insurance coverage, lapsing of a surety bond, if required, declaration of bankruptcy, or appointment of a receiver. In the event of termination by the City, you shall be entitled to just and equitable compensation for any satisfactory work completed and expenses incurred up to the date of termination.

- 12. Written notice hereunder shall be deemed to have been duly served if delivered in person to the individual or member of the firm or entity or to an officer of the entity for whom it was intended, or if delivered at or sent by registered or certified mail to the last business address known by the party providing notice.
- 13. In no event shall the Agreement automatically renew or be extended without a writing signed by the parties.
- 14. You agree that products produced or resulting from the performance of the Agreement are the sole property of the City and may not be used by you without the express written permission of the City.
- 15. For any Agreement involving the sharing or exchange of data involving potentially confidential and/or personal information, you shall comply with any and all state and/or federal laws or regulations applicable to confidential and/or personal information you receive from the City, including but not limited to the Rhode Island Identity Theft Protection Act, R.I. Gen. Laws § 11-49.3-1, during the term of the Agreement. You shall implement and maintain appropriate physical, technical, and administrative security measures for the protection of, and to prevent access to, use, or disclosure of, confidential and/or personal information. In the event of a breach of such information, you shall notify the City of such breach immediately, but in no event later than twenty-four (24) hours after discovery of such breach.
- 16. The Agreement is governed by the laws of the State of Rhode Island. You expressly submit yourself to and agree that any and all actions arising out of, in connection with, or resulting from the performance of the Agreement or relationship between the parties shall occur solely in the venue and jurisdiction of the State of Rhode Island or the federal court located in Rhode Island.
- 17. The failure of the City to require performance of any provision shall not affect the City's right to

- require performance at any time thereafter, nor shall a waiver of any breach or default of this Agreement constitute a waiver of any subsequent breach or default or a waiver of the provision itself.
- 18. If any term or provision of this Agreement, or the application thereof to any person or circumstance shall, in any extent, be invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, and each term and provision shall be valid and enforceable to the fullest extent permitted by law.

MUNICIPAL CONTRACT ADDENDUM

RHODE ISLAND DEPARTMENT OF LABOR AND TRAINING

PREVAILING WAGE REQUIREMENTS (37-13-1 ET SEQ.)

The prevailing wage requirements are generally set forth in RIGL 37-13-1 et seq. These requirements refer to the prevailing rate of pay for regular, holiday, and overtime wages to be paid to each craftsman, mechanic, teamster, laborer, or other type of worker performing work on public works projects when state or municipal funds exceed one thousand dollars (\$1,000).

All Prevailing Wage Contractors and Subcontractors are required to:

- 1. Submit to the Awarding Authority a list of the contractor's subcontractors for any part or all of the prevailing wage work in accordance with RIGL § 37-13-4;
- 2. Pay all prevailing wage employees at least once per week and in accordance with RIGL §37-13-7;
- 3. Post the prevailing wage rate scale and the Department of Labor and Training's prevailing wage poster in a prominent and easily accessible place on the work site in accordance with RIGL §37-13-11; posters may be downloaded at https://dlt.ri.gov/requiredposters/ or obtained from the Department of Labor and Training, Center General Complex, 1511 Pontiac Avenue, Cranston, Rhode Island;
- 4. Visit Sam. Gov or scan the QR Code below on or before July 1st of each year, until such time as the contract is completed, to ascertain the current prevailing wage rates and the amount of payment or contributions for each covered prevailing wage employee and make any necessary adjustments to the covered employee's prevailing wage rates effective July 1st of each year in compliance with RIGL §37-13-8;
- 5. Attach a copy of this CONTRACT ADDENDUM and its attachments as a binding obligation to any and all contracts between the contractor and any subcontractors and their assignees for prevailing wage work performed pursuant to this contract;
- 6. Provide for the payment of overtime for prevailing wage employees who work in excess of eight (8) hours in any one day or forty (40) hours in any one week as provided by RIGL §37-13-10;
- 7. Maintain accurate prevailing wage employee payroll records on a Rhode Island Certified Weekly Payroll form available for download at https://dlt.ri.gov/wrs/prevailingwage/ as required by RIGL §37-13-13, and make those records available to the Department of Labor and Training upon request;
- 8. Furnish the fully executed RI Certified Weekly Payroll Form to the awarding authority on a monthly basis for all work completed in the preceding month.



- 9. For general or primary contracts one million dollars (\$1,000,000) or more, shall maintain on the work site a fully executed RI Certified Prevailing Wage Daily Log listing the contractor's employees employed each day on the public works site; the RI Certified Prevailing Wage Daily Log shall be available for inspection on the public works site at all times; this rule shall not apply to road, highway, or bridge public works projects. Where applicable, furnish both the Rhode Island Certified Prevailing Wage Daily Log together with the Rhode Island Weekly Certified Payroll to the awarding authority.
- 10. Any violation of RIGL 37-13-13 of Certified Weekly Payroll Forms and Daily Logs will result in the department imposing a penalty on the contractor of a minimum of one hundred dollars (\$100) for each calendar day of noncompliance.
- 11. Assure that all covered prevailing wage employees on construction projects with a total project cost of one hundred thousand dollars (\$100,000) or more have an OSHA ten (10) hour construction safety certification in compliance with RIGL § 37-23-1;
- 12. Provide a healthcare benefit for the prevailing wage employee(s) for the covered period of time from a licensed third-party healthcare provider. Employees exempt from this requirement would be any employee currently receiving a healthcare benefit because of their relationship as a child, spouse, or domestic partner of a covered person, any employee that is the recipient of healthcare coverage in connection with active military service or through Veterans Affairs, and any employee who is employed on a "short term basis," which, for purposes of this section shall mean a period of ninety (90) days or less.
- 13. Assure that all prevailing wage employees who perform work which requires a Rhode Island trade license possess the appropriate Rhode Island trade license in compliance with Rhode Island law; and
- 14. Comply with all applicable provisions of RIGL §37-13-1, et. seq;

Any questions or concerns regarding this CONTRACT ADDENDUM should be addressed to the contractor or subcontractor's attorney. Additional Prevailing Wage information may be obtained from the Department of Labor and Training at https://dlt.ri.gov/wrs/prevailingwage/.

SECTION 00 4323 ALTERNATES FORM

PAR	TICULARS	
1.01	THE FOLLOWING IS THE	LIST OF ALTERNATES REFERENCED IN THE BID SUBMITTED BY:
1.02	(BIDDER)	
1.03	TO (OWNER):	_
1.04	DATED	AND WHICH IS AN INTEGRAL PART OF THE BID FORM.
ALTE	ERNATES LIST	
2.01		ITS SHALL BE ADDED TO OR DEDUCTED FROM THE BID CTION 01 2300 - ALTERNATES.
	ALTERNATE # 1: ADD	\$
	ALTERNATE # 2: ADD	\$
		END OF SECTION

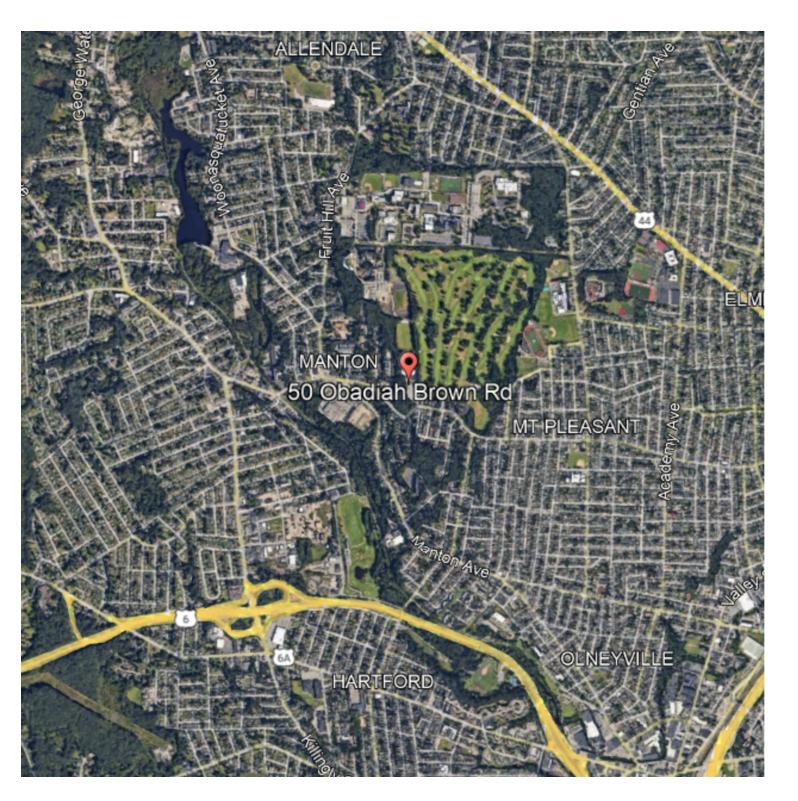
CITY OF PROVIDENCE

BATASTINI RECREATION CENTER EXTERIOR ACCESSIBILITY IMPROVEMENTS

50 OBADIAH BROWN RD PROVIDENCE, RI 02909

Woonsocket
Attleboro
Pawtucket 50 Obadiah Brown Rd Providence
Cranston
Coventry Warwick Fall River
North Kingstown Newport
Narragansett
Vesterly Charlestown

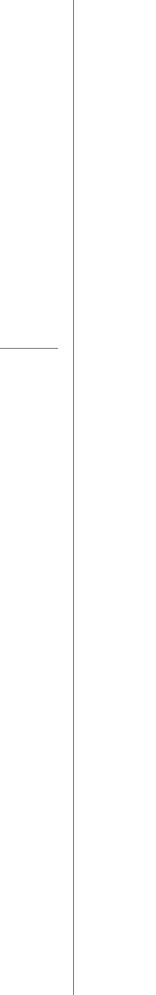




AREA MAP



SITE MAP



Sheet List	
Sheet Number	Sheet Title
	GENERAL
G-000	COVER SHEET
G-001	GENERAL NOTES SYMBOLS & ABBREVIATIONS
	ARCHITECTURAL
AD100	DEMOLITION PLAN
A-100	SITE PLAN
A-400	ENLARGED PLANS
A-401	RAMP DETAILS AND SECTIONS
A-402	SITE DETAILS



ARCHITECT & MEP ENGINEER
STUDIO JAED

DELAWARE OFFICE
2500 WRANGLE HILL ROAD, STE 110
BEAR, DELAWARE 19701
P: (302) 832-1552

PROVIDENCE OFFICE
42 WEYBOSSETT STREET, STE 403
PROVIDENCE, RHODE ISLAND 02903
P: (401) 648-0884

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ARCHITECT / ENGINEER SEAL

BATASTINI RECREATION CENTER
ERIOR ACCESSIBILITY IMPROVEMENTS

REVISIONS

DESCRIPTION

DESCRIPTION

COVER SHEET

ISSUED FOR CONSTRUCTION MAY 29, 2025

CHK'D PRO

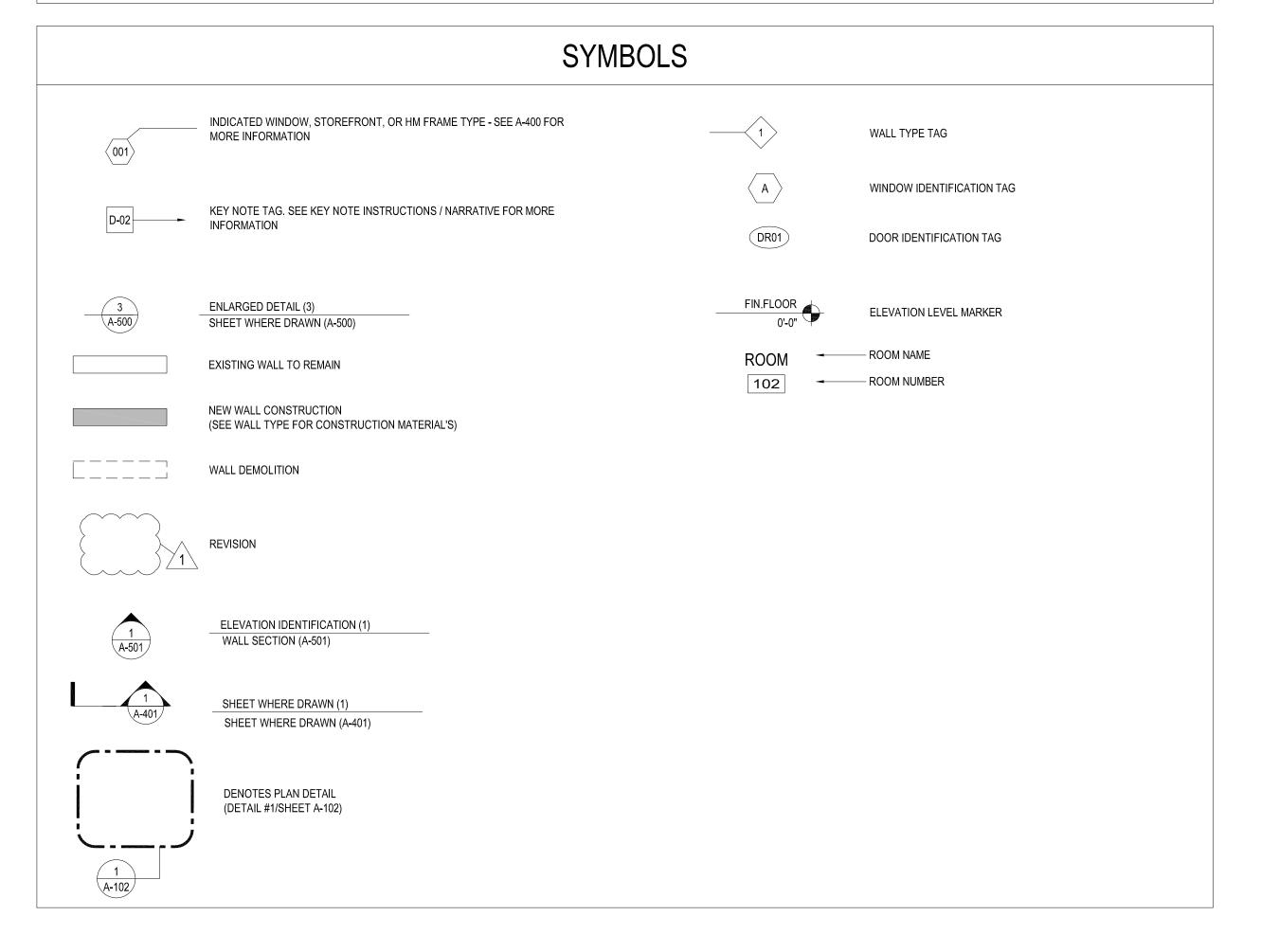
GA |

G-000

GENERAL NOTES

- 1. THE CONTRACTOR SHALL PROTECT EXIST., IN-PLACE, AND NEW WORK.
- 2. THE CONTRACTOR SHALL INVESTIGATE JOB SITE TO COMPARE CONTRACT DOCUMENTS, CONDITIONS, AND VERIFY DIMENSIONS SHOWN ON THESE DRAWINGS. THE CONTRACTOR
- SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS, CONFLICTS, AND/OR ANY RESTRICTIONS RELATED TO THE EXECUTION OF WORK, BEFORE COMMENCEMENT OF WORK, COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF ALL NEW OR EXIST, CONDITIONS, THE CONTRACTOR SHALL COMPLY AND COORDINATE ALL WORK W/ BUILDING OWNER REGARDING HEAT, WATER, ELECTRICITY, DELIVERIES, ACCESS, ELEVATOR AVAILABILITY, NOISE CONTROL, TRASH AND DEBRIS REMOVAL, HOISTING, AND ANY OTHER UTILITIES OR OWNER'S RULES AND REGULATIONS CONCERNING THE PROJECT SITE.
- THE CONTRACTOR SHALL COORDINATE SCHEDULING, PROVISIONS FOR INSTALLATION, LOCATIONS, AND THE ACTUAL INSTALLATION OF ITEMS FURNISHED BY OWNER OR BY OTHERS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND IS RESPONSIBLE FOR ALL PHASES. INCLUDING BIDDING. FABRICATION, COORDINATION, AND CONSTRUCTION. THE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK. THE DRAWINGS ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. REPETITIVE FEATURES NOT NOTED ON THE DRAWINGS SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL.
- MECHANICAL, ELECTRICAL, AND PLUMBING INFO ON THE ARCHITECTURAL DRAWINGS IS PROVIDED FOR CLARITY AND/OR LOCATION PURPOSES ONLY. SEE RELEVANT DISCIPLINE DRAWINGS FOR SPECIFIC INFO.
- DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS. DIMENSIONS GOVERN.
- 8. LARGE SCALE DRAWINGS GOVERN OVER SMALL SCALE DETAILS.
- PERFORM ALL WORK AND INSTALL MATERIALS IN STRICT ACCORDANCE TO APPLICABLE INDUSTRY AND MANUFACTURER'S PUBLISHED STANDARDS AND SPECIFICATIONS FOR QUALITY OF MATERIALS AND WORKMANSHIP. AS WELL AS REQUIREMENTS IN THESE DRAWINGS AND SPECIFICATION. ANY CONFLICTING REQUIREMENTS OF THE SOURCES LISTED ABOVE SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO PROCEEDING W/ THE WORK.
- MANUFACTURERS ARE REFERENCED TO ESTABLISH STYLE, SIZE, COLOR, AND MATERIAL CHARACTERISTICS, AND ARE NOT INTENDED TO LIMIT SELECTIONS FROM OTHER MANUFACTURERS. WHEN AN ALTERNATE SELECTION IS SUBMITTED, SUBMITTALS SHALL HAVE INCLUDED THE MATERIAL LISTED FOR COMPARISON.
- 11. THE CONTRACTOR SHALL EXAMINE ALL SURFACES TO DETERMINE THAT THEY ARE SOUND, DRY, CLEAN AND READY TO RECEIVE FINISHES PRIOR TO INSTALLATION. START OF INSTALLATION SHALL IMPLY ACCEPTANCE OF SUBSTRATE AND SHALL NOT BE GROUNDS FOR CLAIMS AGAINST IMPROPER PERFORMANCE OF INSTALLED MATERIALS. ADVISE ARCHITECT OF ANY EXIST. CONSTRUCTION NOT LEVEL, SMOOTH, AND PLUMB WITHIN INDUSTRY STANDARDS PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL NECESSARY COVERINGS. PROTECTIVE ENCLOSURES. TEMPORARY DOORS PARTITIONS, AND DUST BARRIERS TO PROTECT ALL OCCUPANTS AND EXIST. WORK AND FINISHES TO REMAIN. LOCATION OF SUCH PROTECTION SHALL BE VERIFIED W/ OWNER AND LOCAL CODE OFFICIAL FOR EGRESS CONFORMANCE, PRIOR TO COMMENCING WORK, AND IN COORDINATION W/ PROGRESSION OF WORK SCHEDULE. PERFORM WORK IN A MANNER THAT WILL AVOID HAZARDS TO PERSONS IN ADJACENT AREAS AND THAT WON'T INTERFERE W/ WORK OR PASSAGE TO ANY OF THESE REPAIR AND REPLACE ANY DAMAGES CAUSED BY IMPROPER PROTECTIONS AT NO ADDITIONAL CHARGE TO THE OWNER.
- WORK DAMAGED DURING CONSTRUCTION OR NOT CONFORMING TO SPECIFIED STANDARDS, TOLERANCES, OR MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION SHALL BE REPLACED, BY THE CONTRACTOR, AT NO ADDITIONAL CHARGE TO THE OWNER.
- 14. ANY AREA OUTSIDE THE LIMITS OF CONSTRUCTION DISTURBED BY OPERATIONS OF THE CONTRACTOR SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
- 15. THE CONTRACTOR SHALL MAINTAIN ALL EXIST, EXIT LIGHTING, FIRE PROTECTION DEVICES, AND LIFE SAFETY SYSTEMS IN WORKING ORDER. CONTRACTOR TO PROVIDE TEMPORARY FIRE EXTINGUISHERS DURING THE COURSE OF CONSTRUCTION AS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION.
- 16. EXIT DOORS, EGRESS DOORS, AND OTHER DOORS REQUIRED FOR MEANS OF EGRESS SHALL BE OPERABLE FROM THE INSIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- DIMENSIONS ARE FROM FACE OF MASONRY OR FACE OF METAL FRAMING, TYPICAL UNLESS NOTED OTHERWISE. MASONRY DIMENSIONS ARE NOMINAL.
- 18. UNLESS NOTED OTHERWISE, ALL ROUGH (RO) OPENINGS FOR DOORS IN STUD WALLS, NOT LOCATED BY DIMENSIONS ON PLANS OR IN DETAILS, SHALL BE 4" AWAY FROM FRAMING TO ADJACENT PERPENDICULAR WALL, FACE OF STUD. 19. ROOM AND DOOR NUMBERS SHOWN ON DRAWINGS ARE FOR CONSTRUCTION PURPOSES ONLY.
- 20. ALL CONCEALED WOOD FRAMING, AND PLYWOOD SHEATHING SHALL BE FIRE RETARDANT TREATED (FRT). ALL WOOD BLOCKING IN FIRE RATED ASSEMBLIES TO BE FIRE RETARDANT.
- NON FRT BLOCKING, NAILERS, AND FURRING MAY BE USED WHERE INSTALLED IN ACCORDANCE W/ IBC SECTION 718, INCLUDING DIMENSIONAL WOOD BLOCKING, FIRE BLOCKING, REQUIREMENTS, ETC. WOOD BLOCKING INSTALLED IN ACCORDANCE W/ IBC SECTION
- 603 FOR HANDRAILS, MILLWORK, CABINETS, WINDOWS, AND DOORS, IS NOT REQUIRED TO BE FRT.
- 22. PROVIDE WATER-RESISTANT GYPSUM BOARD ON WALLS W/ OPERABLE PLUMBING FIXTURES, AND WITHIN 4'-0" OF DRINKING FOUNTAINS OR WATER COOLERS.
- PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AS REQUIRED FOR MECHANICAL EQUIPMENT AND PLUMBING WORL ALL ACCESS PANEL LOCATIONS SHALL BE REVIEWED W/ THE ARCHITECT OR ARCHITECT'S REPRESENTATIVE PRIOR TO PROCEEDING.
- 24. ALL INSULATION EXPOSED TO CEILING PLENUM IS TO BE FIRE AND DUST PROOF. 25. ALL DISSIMILAR MATERIALS SHALL BE ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION. WHERE TWO DISSIMILAR
- METALS MEET, PAINT FACE OF ONE W/ BITUMINOUS PROVIDE SEALANT BETWEEN DISSIMILAR MATERIALS, SUCH AS GYPSUM BOARD AND MASONRY, MASONRY AND CONCRETE, COUNTERTOPS AND WALLS, ETC.
- 26. PROVIDE SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION, UNLESS NOTED
- 27. ALL PENETRATIONS THROUGH GYPSUM BOARD AND MASONRY SURFACES, INCLUDING BUT NOT LIMITED TO WINDOWS, DOORS, LOUVERS, VENTS, EXHAUST FANS, PIPE PENETRATIONS, CONDUIT, DUCTWORK, GRILLES, REGISTERS, DEVICE BOXES, HANGER RODS, ETC. SHALL HAVE THEIR COMMON JOINTS W/ GYPSUM BOARD AND/OR MASONRY CAULKED. ALL PENETRATIONS SHALL BE SEALED
- AROUND THE ENTIRE PERIMETER W/ SEALANT (BOTH ON EXTERIOR AND INTERIOR SIDES). 28. UNLESS OTHERWISE NOTED, ALL GYPSUM WALL BOARD IS TO RECEIVE ONE PRIMER COAT AND TWO COATS OF PAINT AS PER
- 29. IN ALL INSTANCES WHERE WORK IS BEING CORRECTED OR REPAIRED, CONTRACTOR IS TO REPAINT ENTIRE WALL TO NEAREST CORNER OR BREAK LINE WHERE WALL CHANGES DIRECTION.
- 30 CONTRACTOR SHALL REMOVE ANY STRAY PAINT DIRT OR STAINS INCURRED DURING THE CONSTRUCTION PROCESS CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TEMPORARY EQUIPMENT COVERINGS USED DURING CONSTRUCTION, AND SHALL ALSO BE RESPONSIBLE FOR REMOVING THEIR TRASH OFF OF THE JOB SITE DAILY.
- 31. PROVIDE FINISHED END PANELS, FILLERS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE CABINETRY INSTALLATION. PROVIDE CUTOUTS, ACCESS PANELS, AND REMOVABLE COMPONENTS AS REQUIRED BY NEW OR EXIST. CONDITIONS, SUCH AS ELECTRICAL OUTLETS, JUNCTION BOXES, CLEANOUTS, ETC.
- 32. CONTRACTOR TO VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE, CASEWORK, SWITCHES, AND OUTLETS ALONG WALLS OR AT MILLWORK, COUNTERS, SHELVING SINKS, ETC. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS IN ACCORDANCE W/ RECOGNIZED INDUSTRY STANDARDS, COORDINATE LOCATIONS W/ MANUFACTURER OR SUPPLIER, AND REFER MOUNTING HEIGHT QUESTIONS TO ARCHITECT FOR INTERPRETATION.
- 33. 2x6 CONTINUOUS WOOD BLOCKING SHALL BE PROVIDED AT GYPSUM BOARD PARTITIONS FOR ALL CABINET WORK AT TOP AND BOTTOM OF WALL MOUNTED UNITS AND UNDER COUNTER TOP LEVEL OF BASE CABINET. ALL OPEN FACE SHELVING UNITS SHALL HAVE CONCEALED ANCHOR BRACKETS. METAL STRAPPING MAY BE USED FOR BLOCKING AT BASE CABINETS.
- 34. FIRE EXTINGUISHER CABINETS TO BE MOUNTED AT 4'-0" A.F.F. TO TOP, MAXIMUM, AS PER ACCESSIBILITY REQUIREMENTS. FIRE EXTINGUISHERS W/ GROSS WEIGHT OVER 40LBS MUST BE MOUNTED AT 3'-6" MAX.
- 35. CONTRACTOR SHALL COMPLY W/ MANUFACTURER'S INSTRUCTIONS WHEN RELOCATING AND/OR INSTALLING ANY EQUIPMENT AND

ABBREVIATIONS SACT. ANGLE SUSPENDED ACOUSTICAL **EXISTING** LIMITS OF CONTRACT LOCATION CEILING TILE EACH SOLID CORE CENTERLINE EXHAUST FAN L.P. LOW POINT S.C.D. SEAT COVER DISP. EXPANSION JOINT LIGHT DIAMETER OR ROUND ELECTRICAL SCHED. SCHEDULE PENNEY ELEVATION STORM DRAIN MASONRY PERPENDICULAR ELVR. ELEVATOR S.D. SOAP DISPENSER MAXIMUM MAXEMER. SECT. PLATE SECTION **EMERGENCY** MACHINE BOLT STRUCTURALLY GLAZED M.B. POUND OR NUMBER ENCL. SGFT ENCLOSURE MECHANICAL CONTRACTOR FINISH TILE MECH. MECHANICAL EQUIPMENT ANCHOR BOLT MEMBRANE E.W. SHOWER EACH WAY ASPHALTIC CONCRETE MFG. MANUFACTURED EXIST. SHEET EXISTING AIR CONDITION MFR. MANUFACTURER SHTG. SHEATHING EXPO. EXPOSED ACOUS. ACOUSTICAL MANHOLE SIMILAR EXPANSION ACT ACOUSTICAL CEILING TILE MIN. MINIMUM S.N.D. SANITARY NAPKIN EXTERIOR ACCESS. ACCESSORIES MIRROR DISPENSER EXISTING TO REMAIN ADJ. ADJACENT MISCELLANEOUS S.N.R. SANITARY NAPKIN ABOVE FINISHED FLOOR MK-B MARKER BOARD RECEPTACLE AGGR. MASONRY OPENING AGGREGATE FUTURE S&P SHELF & POLE ALT. ALTERNATE **FURNISHED BY OTHERS** MOD. MODULAR SPECIFICATION SPEC. ALUM. ALUMINUM FLOOR DRAIN M.R. MOISTURE RESISTANT SQUARE ANDD. ANODIZED FDN. FOUNDATION MTD. MOUNTED STAINLESS STEEL APPROX. APPROXIMATE FIRE EXTINGUISHER MTL METAL SERVICE SINK S.SK. ARCH. ARCHITECTURAL FIRE EXISTING CAB. MULL. MULLION STA. STATION AWS AMERICAN WELDING SOCIETY FIBERGLASS STD. STANDARD FIRE HYDRANT STEEL F.H.C. FIRE HOSE CAB. STOR. STORAGE **BOTTOM OF BEAM** NORTH STRL. STRUCTURAL BOARD NOT APPLICABLE FLOW LINE SUSP. SUSPENDED BITUM. BITUMINOUS NOT IN CONTRACT FLOOR SYM. SYMMETRICAL BOTTOM OF JOIST NUMBER NO. OR# FLASHING FLASH. S.W. SIDEWALK BLDG. BUILDING NOM. NOMINAL FLUORESCENT BLK. BLOCK N.R.C. NOISE REDUCTION FACE OF CONCRETE BLKG. BLOCKING COFFFIC TOP OF BEAM F.O.M. FACE OF MASONRY BM. BEAM NEAR SIDE F.O.S. FACE OF STUDS TOWEL BAR BTM. BOTTOM N.T.S. NOT TO SCALE FIREPLACE T. & B. TOP AND BOTTOM TOP OF CURB FIREPROOF OVER TELEPHONE FAR SIDE F.S. OVER-ALL CABLE TELEVISION CATV TEMP. FRAMING TEMPERED FRMG. OBSCURE CK-B CHALK BOARD FOOT OR FEET TER. TERRAZZO ON CENTER CATCH BASIN C.B. FTG. FOOTING T & G **TONGUE & GROOVE** OUTSIDE DIAMETER CEM. CEMENT THK. FURRING THICK OFFICE CER. CERAMIC FINISHED WALL SURFACE F.W.S. TOOL JOINT OVERHEAD CHAM. CHAMFER TK-B TACK BOARD FIBERGLASS REINFORCED OPNG. OPENING COLD FORM METAL FRAMING CFMF TK-S TACK STRIP PLASTIC PANEL OPPOSITE CAST IRON TOP OF LEDGER OPP. HND. OPPOSITE HAND CONTROL JOINT GAUGE T.O.F. TOP OF FOOTING O.T.S. OPEN TO STRUCTURE CENTER LINE GALV. GALVANIZED T.O.S. TOP OF STEEL CEILING GRAB BAR CLG. TOP OF PAVEMENT CLKG. CAULKING G.D. GARBAGE DISPOSAL TOILET PAPER DISP PARTITION PART. CLO. CLOSET GLASS PORTLAND CEMENT CLR. CLEAR GLB. GLU-LAM BEAM TOP OF SHEATHING PED. PEDESTAL GND. CONCRETE MASONRY UNIT GROUND CMU TOP OF SLAB PERP. PERPENDICULAR CNTR. COUNTER GRADE TOP OF STEEL PANIC HARDWARE C.O. CLEAN OUT GYP. GYPSUM TELEVISION PROPERTY LINE COLUMN TOP OF WALL COL. T.W. CONC. CONCRETE TYP TYPICAL HIGH PLASTIC LAMINATE P/LAM. CONNECTION CONN. PLAS. H.B. HOSE BIBB PLASTER CONSTRUCTION CONSTR HANDICAPPED PLMBG. PLUMBING UNDERGROUND CONTINUOUS CONT. HOLLOW CORE POWER POLE UNF. UNFINISHED CORR. CORRIDOR/CORRUGATED HOLD-DOWN U.N.O. UNLESS NOTED COORD. COORDINATE HOT DIPPED GALVANIZED PROP. PROPOSED OTHERWISE HDR. HEADER PRECAST URINAL CERAMIC TILE C.T. HDWD. HARDWOOD PRT. BRD. PARTICLE BOARD CENTRAL PROCESSING UNIT CPU HDWR. HARDWARE C.R. CLASSROOM VINYL COMPOSITION HIGH INTENSITY DISCHARGE PRESSURE TREATED H.I.D. CRT CATHODE RAY TUBE PAPER TOWEL DISP. H.M. HOLLOW METAL CTR. CENTER P.T.D./R COMBINATION PAPER VAPOR BARRIER HORIZ. HORIZONTAL COUNTERSUNK CTSK. VERT. VERTICAL TOWEL DISPENSER H.P. HIGH POINT CUBIC VEST. VESTIBULE AND RECEPTACLE HOUR COLD WATER C.W. VINYL FABRIC HANDRAIL PAPER TOWEL VERTICAL GRAIN RECEPTACLE HEIGHT VERIFY IN FIELD POLYVINYL CHLORIDE H.W. HOT WATER DEPTH VNR VENEER P.W. PLYWOOD DOUBLE PWR. POWER DOOR DIMENSION INSIDE DIAMETER DEPT. DEPARTMENT INCANDESCENT WEST, WIDTH, WIDE QUARRY TILE DET. DETAIL INCL. INCLUDE DOUGLAS FIR INSULATION WATER CLOSET DIAMETER INTERIOR RISER WCV WALL COVERING DIAG. DIAGONAL ROOF AREA WOOD DIMENSION RUN ABOVE CEILING WIRE GLASS DISP. DISPENSER **JANITOR** RUN BELOW FLOOR W.H. WATER HEATER DEMOUNTABLE JST. JOIST RADIUS W/O WITHOUT DOWN JOINT ROOF DRAIN D.O. WATERPROOF DOOR OPENING REFERENCE WSCT. WAINSCOT DOOR REFR. REFRIGERATOR WEIGHT DOWN SPOUT REINF. REINFORCED WELDED WIRE FABRIC WWF D.S.P. DRY STANDPIPE KITCHEN REQ'D REQUIRED D.W.



RESIL.

R.I.W.

R.O.

RO.S.

R.O.W.

LONG OR LENGTH

LABORATORY

LAMINATE

LAVATORY

LAG BOLT

RESILIENT

ROOM

RUN IN WALL

ROUGH OPENING

ROUGH SAWN

RIGHT OF WAY

RESAWN

REDWOOD

YARD DRAIN

YARD

DISH WASHER

DRAWING

DRAWER

DWG.

DWR.



<u>ONSULTANT</u> ARCHITECT & MEP ENGINEER STUDIO JAED DELAWARE OFFICE 2500 WRANGLE HILL ROAD, STE 110 BEAR, DELAWARE 19701 P: (302) 832-1552 PROVIDENCE OFFICE 42 WEYBOSSETT STREET, STE 403 PROVIDENCE, RHODE ISLAND 02903 P: (401) 648-0884

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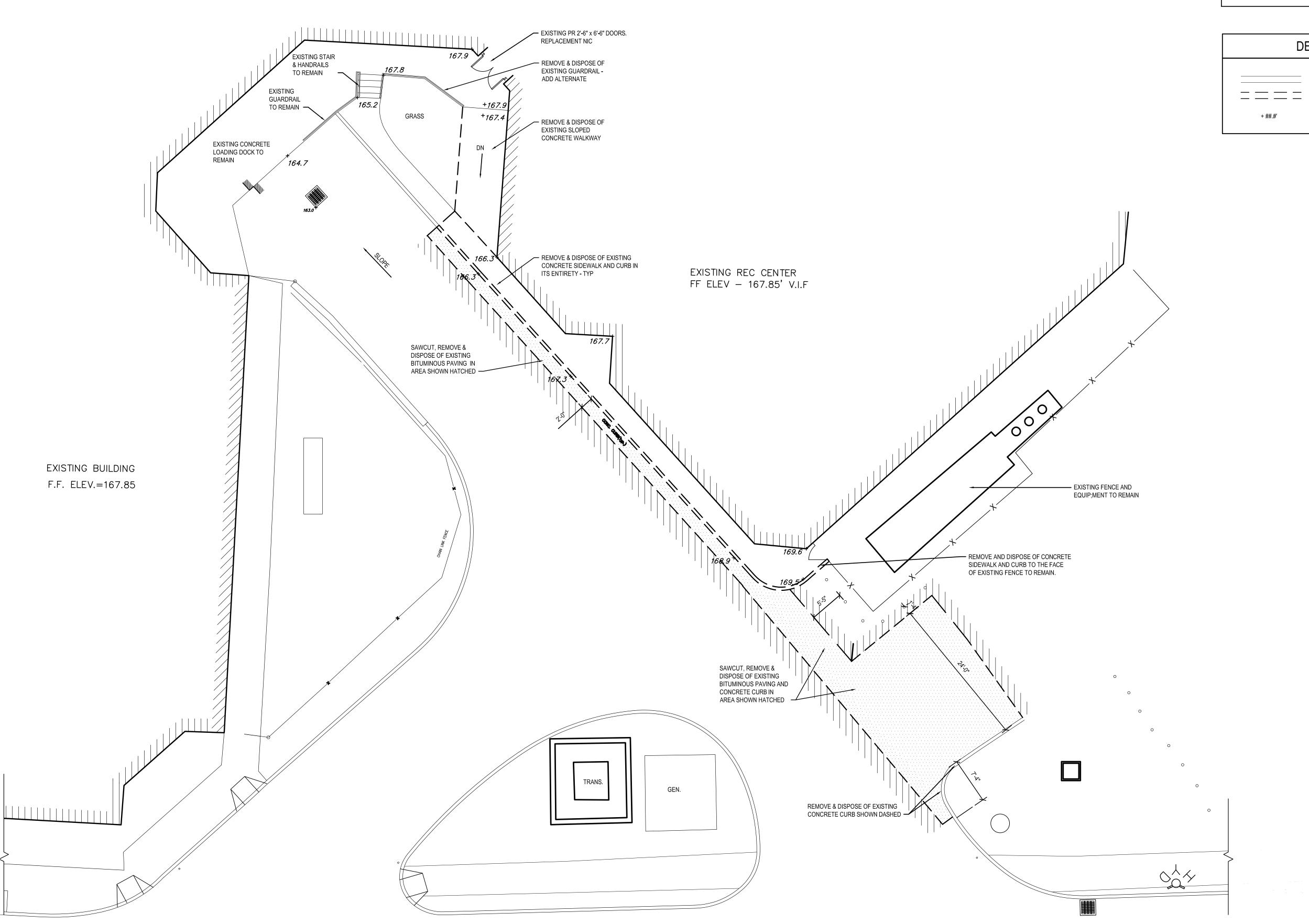
ARCHITECT / ENGINEER SEAL

CITY

REVISIONS DESCRIPTION

GENERAL NOTES SYMBOLS & **ABBREVIATIONS**

ISSUED FOR CONSTRUCTION MAY 29, 2025



GENERAL DEMOLITION NOTES:

- COORDINATE ALL WORK & PHASING OF WORK W/OWNER.
 THE EXISTING CONDITIONS INFORMATION SHOWN AND/OR INDICATED ON THE DWGS WAS OBTAINED FROM SITE SURVEY & FIELD REVIEW. NOT ALL EXISTING
- CONDITIONS MAY BE INDICATED.

 CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN THE FIELD & NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING DEMOLITION WORK.

 CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE SECURITY OF THE AREA UNDER CONSTRUCTION AND DURING DEMOLITION, MAINTAINING WORK AREAS IN
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE SECURITY OF THE AREA UNDER CONSTRUCTION AND DURING DEMOLITION, MAINTAINING WORK AREAS IN A SAFE & SECURE MANNER TO ELIMINATE THE APPEARANCE OF AN ATTRACTIVE NUISANCE, AND MAINTAINING A PHYSICAL BARRIER TO PREVENT CONSTRUCTION AREA

KEY PLAN

SCALE: NTS

- ACCESS BY PUBLIC AT A MINIMUM.
 5. CONTRACTOR TO PROTECT ALL EXISTING WORK TO REMAIN DURING DEMOLITION.
- CONTRACTOR TO MINIMIZE IMPACT TO OPERATION OF THE RECREATION CENTER AND SCHOOL.
- CONTRACTOR TO RESTORE DAMAGED LAWN OR LANDSCAPING AND PROTECT ANY TREE OR SHRUBS. CONTRACTOR SHALL DISPOSE OF DEMOLITION MATERIALS IN A SAFE, LEGAL MANNER.

DEMOLITION SYMBOL LEGEND

LINE INDICATES EXISTING TO REMAIN

DASHED LINE INDICATES EXISTING TO BE DEMOLISHED

+ ##.#' EXISTING SPOT GRADE

TING OF OT ORADE

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42 WEYBOSSETT STREET, STE 403

PROVIDENCE, RHODE ISLAND 02903

STUDIO JAED

DELAWARE OFFICE

PROVIDENCE OFFICE

P: (401) 648-0884

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NI RECREATION CENTER
CESSIBILITY IMPROVEMENTS

REVISIONS

DESCRIPTION

DEMOLITION PLAN

ISSUED FOR CONSTRUCTION MAY 29, 2025

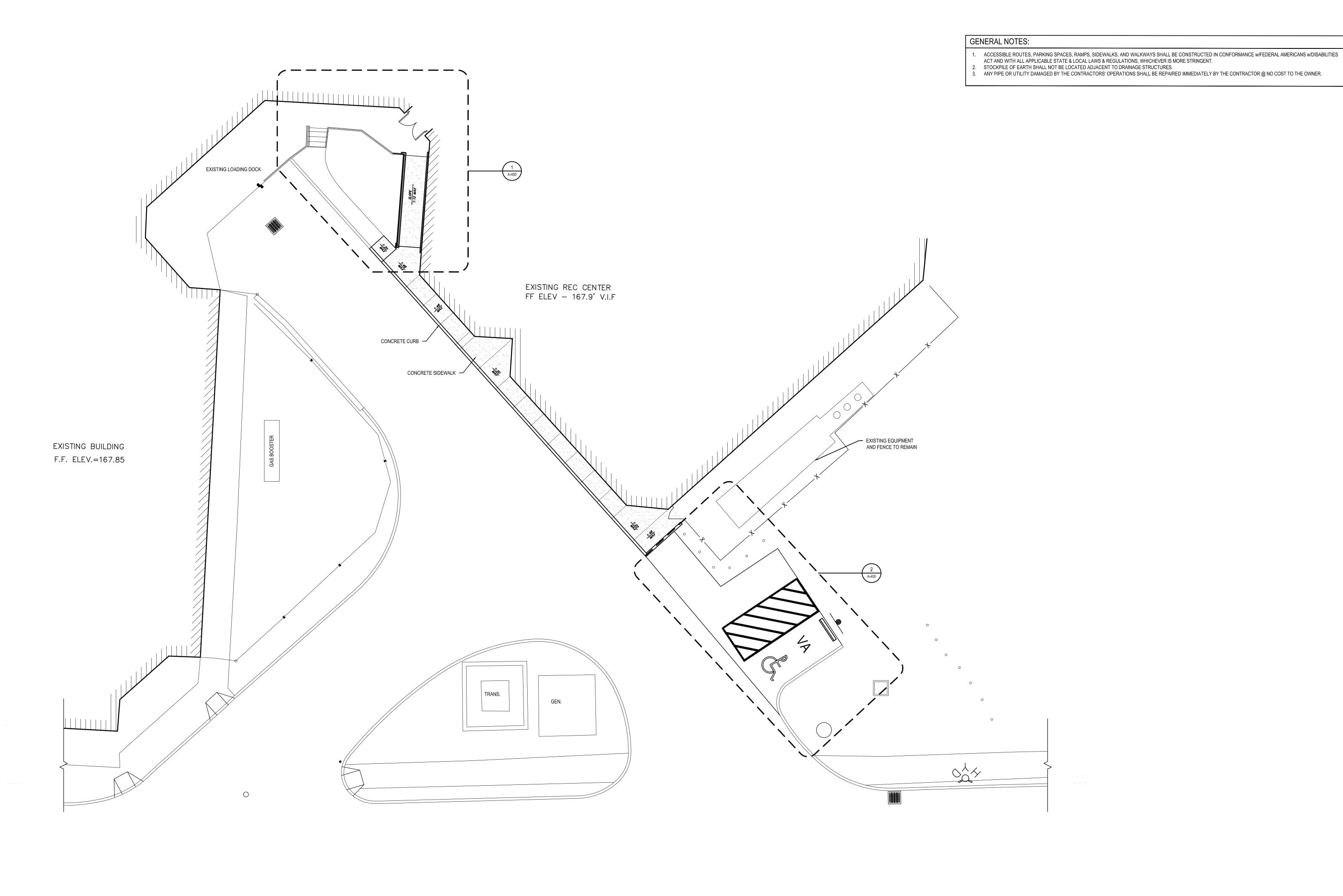
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DEMOLITION PLAN AT RECREATION CENTER ENTRANCE

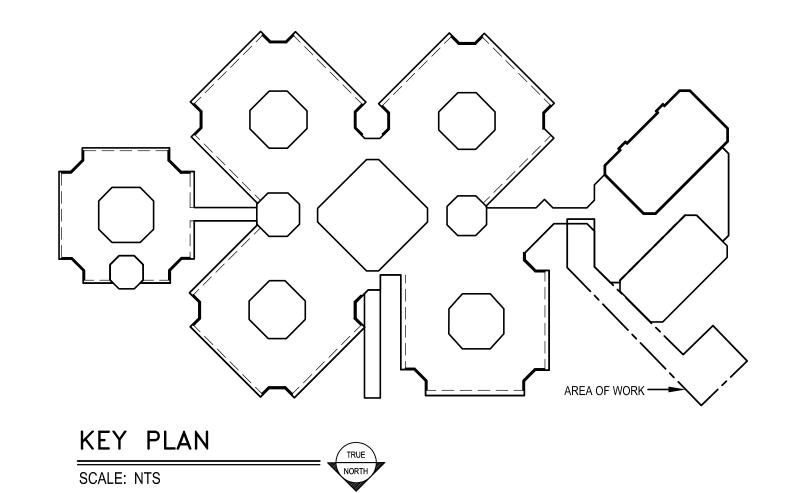
SCALE: 1/8" = 1'-0"





SITE PLAN

SCALE: 1/8" = 1'-0"



STUDIO

CONSULTANT

ARCHITECT & MEP ENGINEER

STUDIO JAED

DELAWARE OFFICE
2500 WRANGLE HILL ROAD, STE 110
BEAR, DELAWARE 19701
P: (302) 832-1552

P: (401) 648-0884

PROVIDENCE OFFICE
42 WEYBOSSETT STREET, STE 403
PROVIDENCE, RHODE ISLAND 02903

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BATASTINI RECREATION CENTER
EXTERIOR ACCESSIBILITY IMPROVEMENTS

REVISIONS

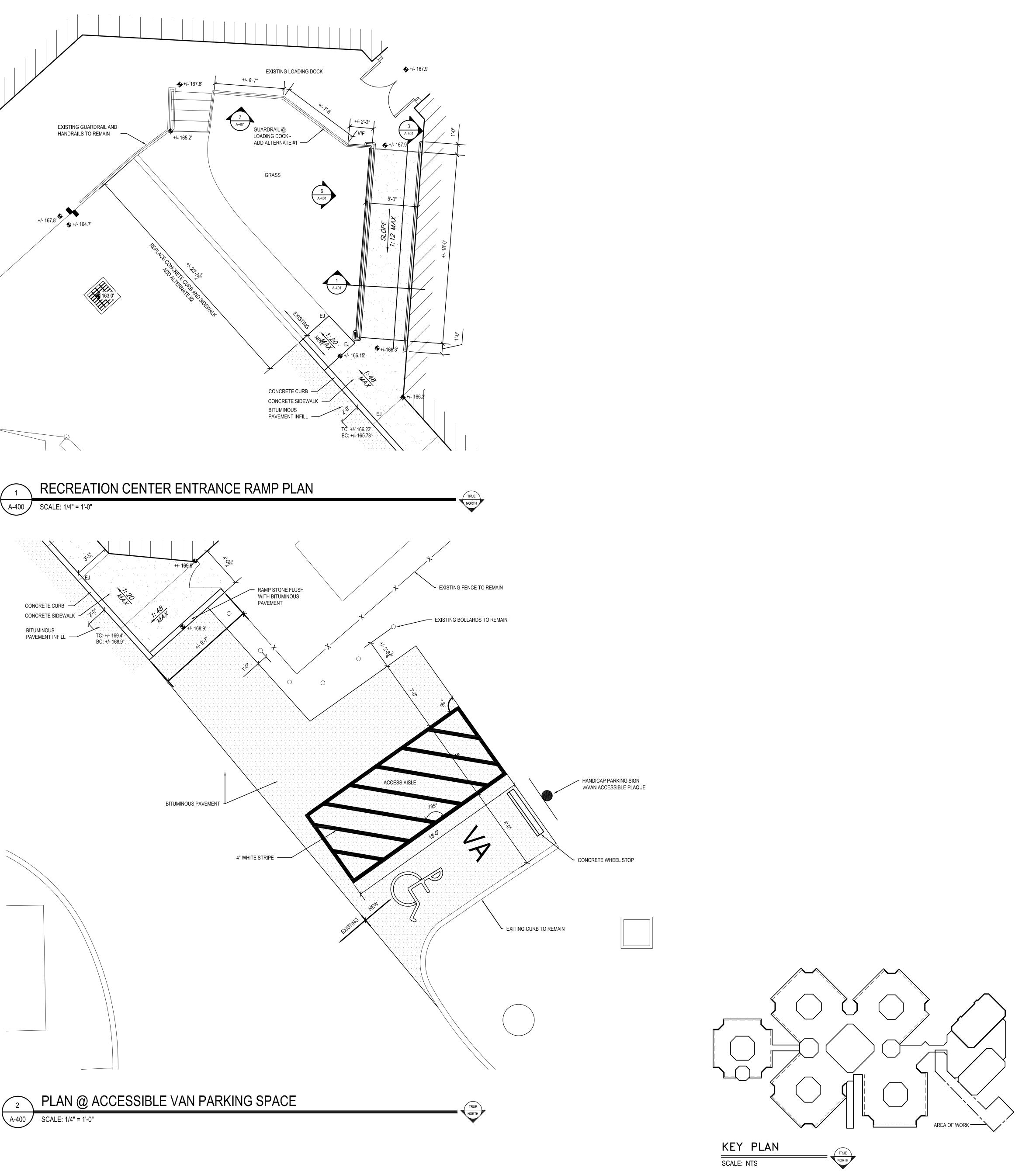
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SITE PLAN

ISSUED FOR CONSTRUCTION MAY 29, 2025

CHK'D PROJECT
A TAD 2503

T NO.





CONSULTANT

ARCHITECT & MEP ENGINEER
STUDIO JAED

DELAWARE OFFICE
2500 WRANGLE HILL ROAD, STE 110
BEAR, DELAWARE 19701
P: (302) 832-1552

PROVIDENCE OFFICE
42 WEYBOSSETT STREET, STE 403
PROVIDENCE, RHODE ISLAND 02903
P: (401) 648-0884

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BATASTINI RECREATION CENTER RIOR ACCESSIBILITY IMPROVEMENTS

REVISIONS
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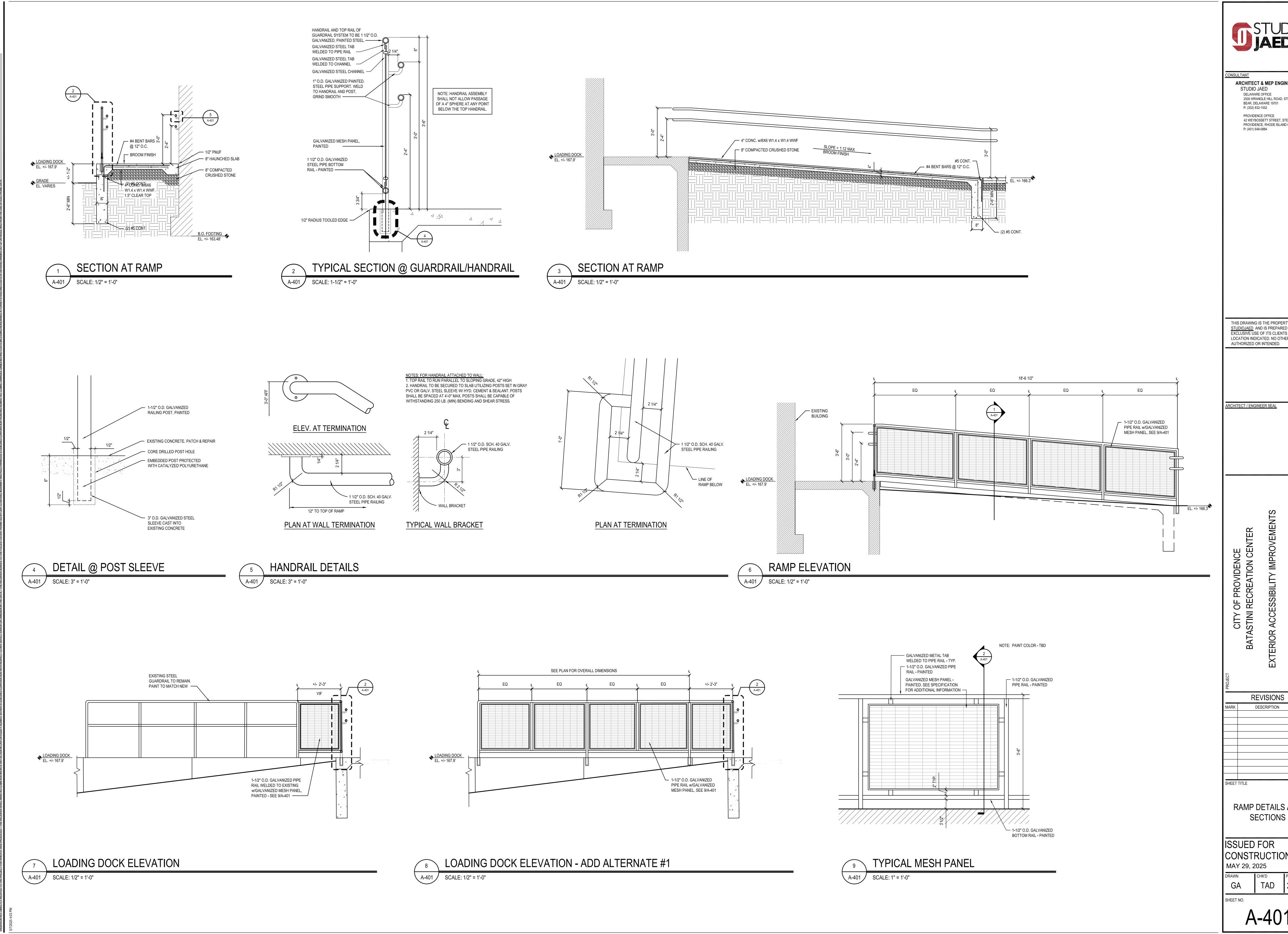
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ISSUED FOR CONSTRUCTION MAY 29, 2025

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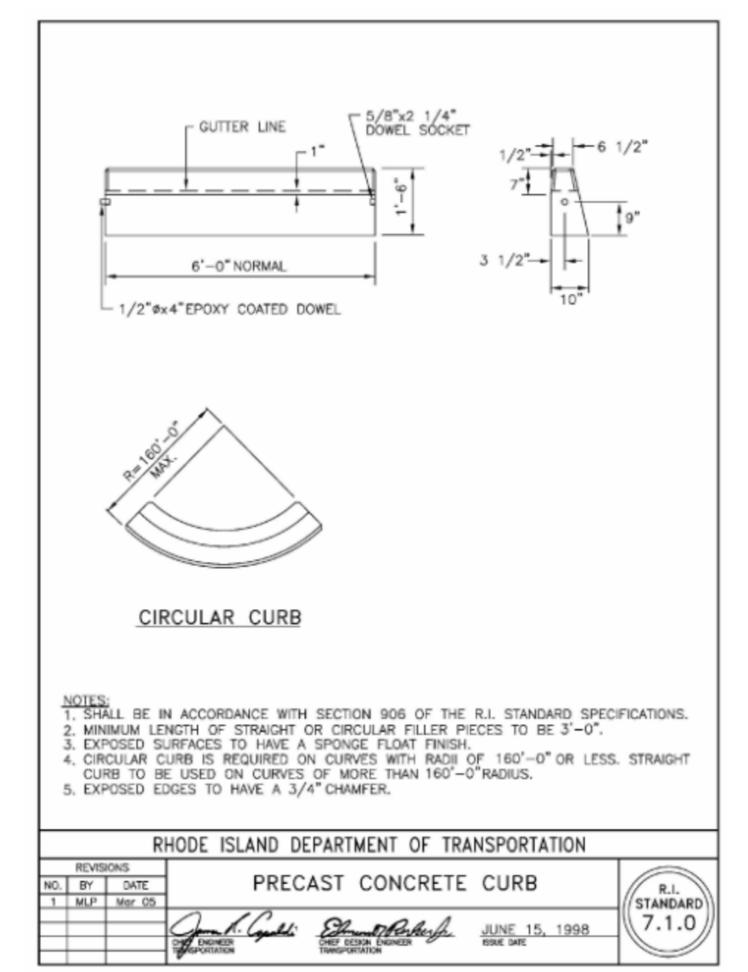
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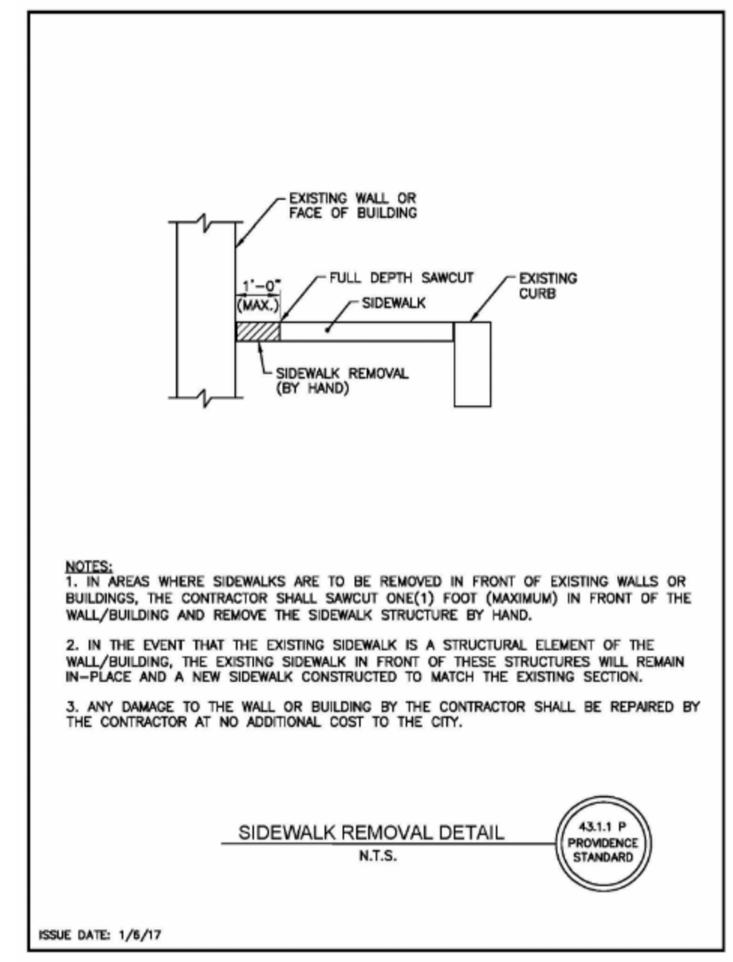
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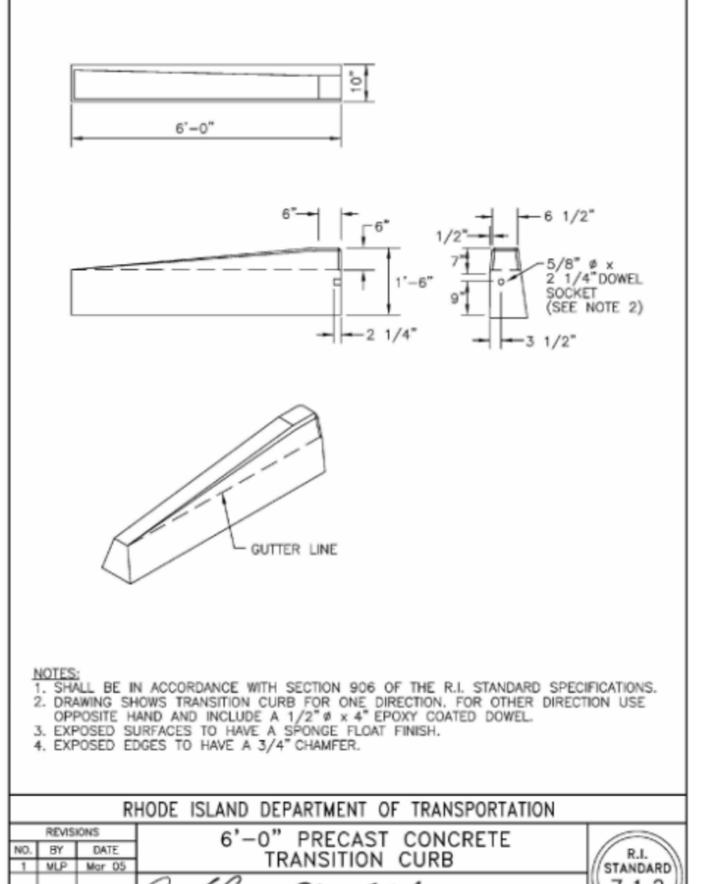
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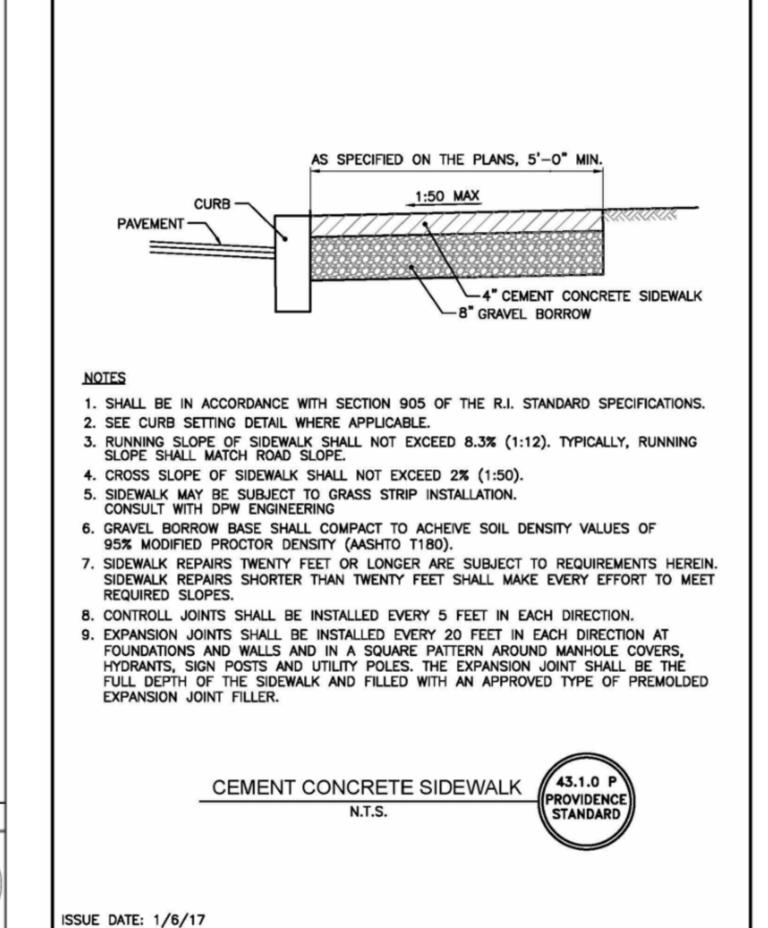
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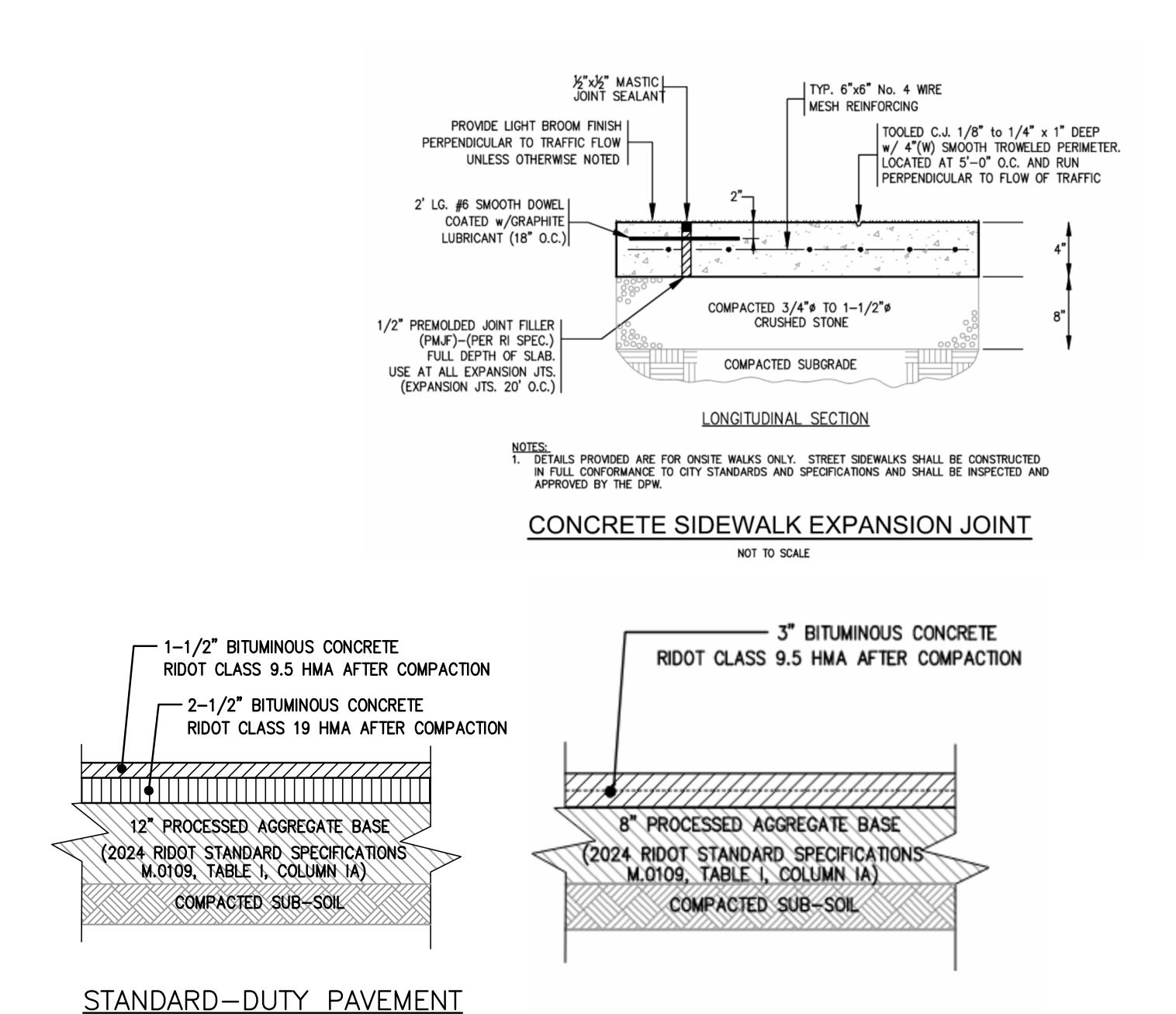
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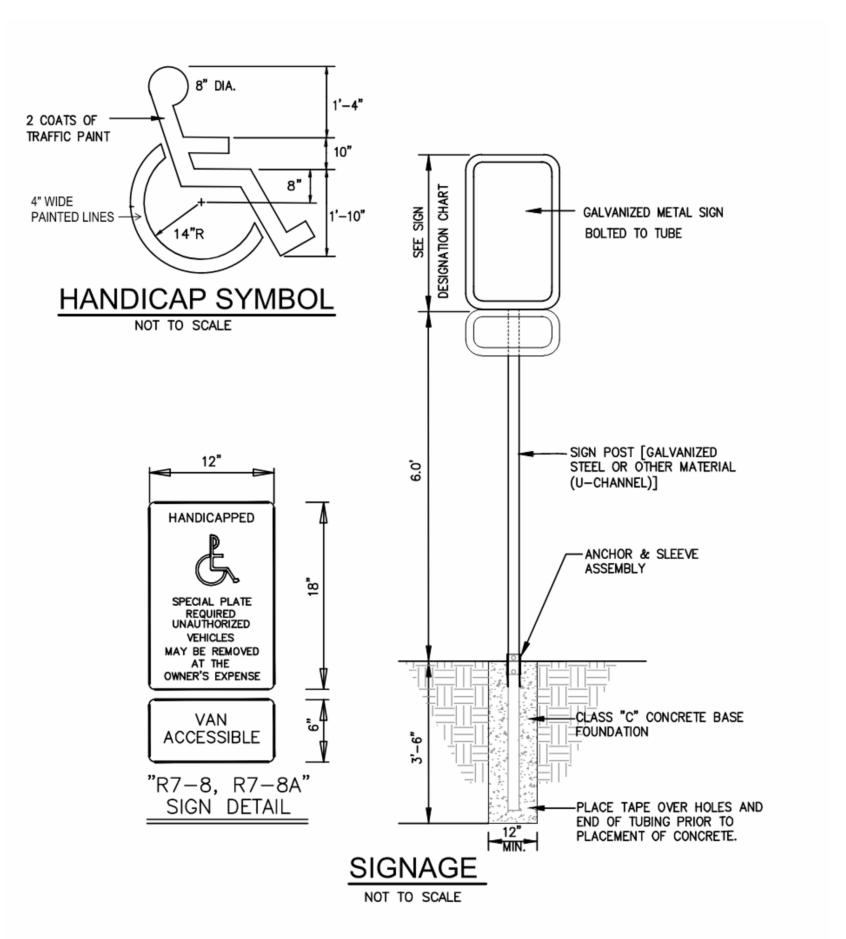


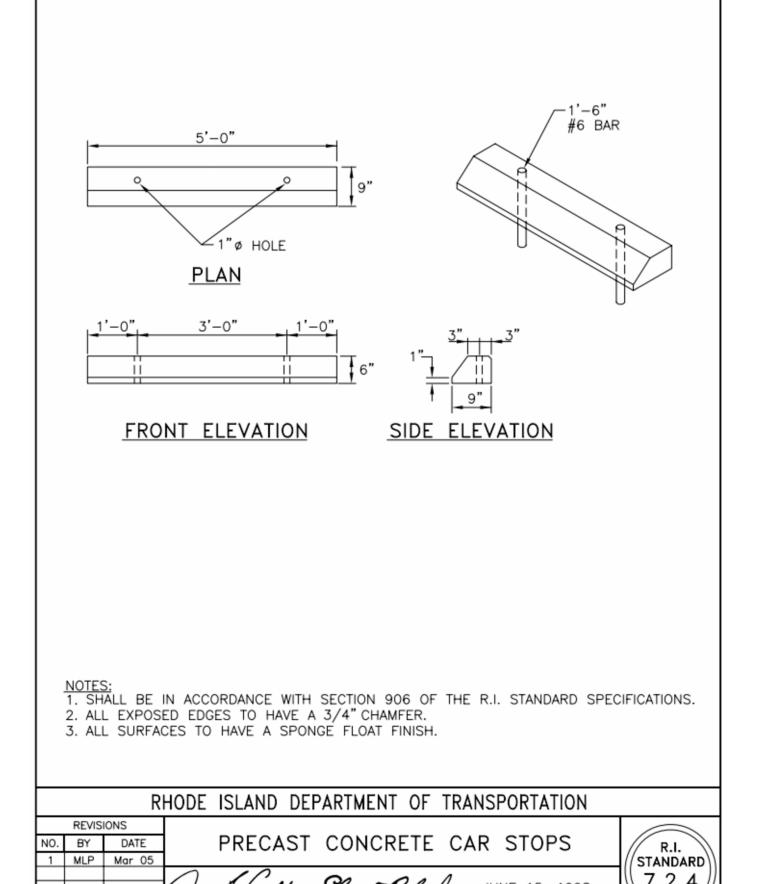


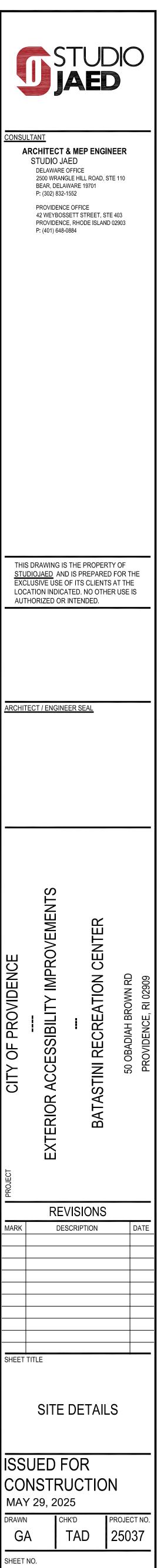












1. THE SOIL MUST HAVE A MOISTURE CONTENT DRY OF OPTIMUM AS DETERMINED BY THE MOISTURE-DENSITY RELATIONSHIP TEST METHOD ASTM D1557.

2. THE SOIL CAN BE COMPACTED TO 98% OF THE MAXIMUM STANDARD PROCTOR DENSITY AS DETERMINED BY THE MOISTURE-DENSITY RELATIONSHIP TEST METHOD ASTM D698.

3. THE SOIL SHALL NOT BE USED IF THE MATERIAL CONTAINS ORGANIC MATTER, RUBBLE, DEBRIS OR ANY OTHER DELETERIOUS MATERIAL.

(PARKING AND TRAVEL LANES)

4. SUBMIT MIX DESIGN TO THE CIVIL ENGINEER OF RECORD AT LEAST 30 DAYS PRIOR TO BEGINNING ASPHALT PAVING OPERATIONS. MIX DESIGNS OVER ONE YEAR OLD WILL NOT BE ACCEPTED. MIX DESIGNS SUBMITTAL SHALL FOLLOW THE LATEST EDITION OF THE RIDOT STANDARD SPECIFICATIONS.

PEDESTRIAN PAVEMENT

5. PROCESSED AGGREGATE BASE SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557 (MODIFIED AASHTO COMPACTION) WITH GRADATION AND MOISTURE CONTENT CONFORMING TO THE REQUIREMENTS OF 'PAVEMENT DESIGN' AS PROVIDED WITHIN GEOTECHNICAL REPORT TITLED 'PRELIMINARY GEOTECHNICAL REPORT FOR KIZIRIAN ELEMENTARY' PREPARED BY GEI CONSULTANTS, DATED JUNE 1, 2023

6. WHERE HEAVY DUTY PAVEMENT IS INDICATED THE GEOTECHNICAL ENGINER OF RECORD SHALL OBSERVE SUBGRADE PROOF ROLLS PRIOR TO AGGREGATE PLACEMENT.

PAVEMENT SECTIONS

SECTION 01 1000 SUMMARY

PART 1 GENERAL

1.01 PROJECT

- A. Project Name: BATASTINI RECREATIONAL CENTER EXTERIOR RAMP.
- B. Owner's Name: CITY OF PROVIDENCE DEPARTMENT OF PUBLIC PROPERTY.
- C. Architect's Name: StudioJAED.
- D. The Project consists of the construction of an exterior ramp, rails, and accessible parking space..

1.02 CONTRACT DESCRIPTION

A. Contract Type: A single prime contract based on a Stipulated Price as described in Document 00 5200 - Agreement Form.

1.03 DESCRIPTION OF ALTERATIONS WORK

- Scope of demolition and removal work is indicated on drawings and specified in Section 02 4100.
- 3. Scope of alterations work is indicated on drawings.

1.04 OWNER OCCUPANCY

- A. Owner intends to continue to occupy adjacent portions of the existing building during the entire construction period.
- B. Owner intends to occupy the Project upon Substantial Completion.
- C. Owner intends to occupy a certain portion of the Project prior to the completion date for the conduct of normal operations.
- D. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- E. Schedule the Work to accommodate Owner occupancy.

1.05 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
 - 1. Locate and conduct construction activities in ways that will limit disturbance to site.
- B. Arrange use of site and premises to allow:
 - 1. Owner occupancy.
 - 2. Work by Others.
 - 3. Work by Owner.
 - 4. Use of site and premises by the public.
- C. Provide access to and from site as required by law and by Owner:
 - Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 - 2. Do not obstruct roadways, sidewalks, or other public ways without permit.
- D. Existing building spaces may not be used for storage.
- E. Time Restrictions:
 - Coordinate time restrictions with owner. The adjacent Pleasant View Elementary School and the Recreation Center is in active use, and egress and access must be accommodated.
- F. Utility Outages and Shutdown:
 - 1. Limit disruption of utility services to hours the building is unoccupied.
 - 2. Prevent accidental disruption of utility services to other facilities.

PART 2 PRODUCTS - NOT USED PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 01 2000 PRICE AND PAYMENT PROCEDURES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Procedures for preparation and submittal of applications for progress payments.
- B. Documentation of changes in Contract Sum and Contract Time.
- C. Change procedures.
- D. Correlation of Contractor submittals based on changes.
- E. Procedures for preparation and submittal of application for final payment.

1.02 SCHEDULE OF VALUES

- A. Electronic media printout including equivalent information will be considered in lieu of standard form specified; submit draft to Architect for approval.
- Forms filled out by hand will not be accepted.

1.03 APPLICATIONS FOR PROGRESS PAYMENTS

- A. Payment Period: Submit at intervals stipulated in the Agreement.
- B. Use Form AIA G702 and Form AIA G703, edition stipulated in the Agreement.
- C. Forms filled out by hand will not be accepted.
- D. Execute certification by signature of authorized officer.
- E. Submit one electronic and 0 hard-copies of each Application for Payment.

1.04 MODIFICATION PROCEDURES

- A. For minor changes not involving an adjustment to the Contract Sum or Contract Time, Architect will issue instructions directly to Contractor.
- B. For other required changes, Architect will issue a document signed by Owner instructing Contractor to proceed with the change, for subsequent inclusion in a Change Order.
 - 1. The document will describe the required changes and will designate method of determining any change in Contract Sum or Contract Time.
 - 2. Promptly execute the change.
- C. For changes for which advance pricing is desired, Architect will issue a document that includes a detailed description of a proposed change with supplementary or revised drawings and specifications, a change in Contract Time for executing the change with a stipulation of any overtime work required and the period of time during which the requested price will be considered valid. Contractor shall prepare and submit a fixed price quotation within _____ days.
- Computation of Change in Contract Amount: As specified in the Agreement and Conditions of the Contract.
- E. Execution of Change Orders: Architect will issue Change Orders for signatures of parties as provided in the Conditions of the Contract.

1.05 APPLICATION FOR FINAL PAYMENT

A. Prepare Application for Final Payment as specified for progress payments, identifying total adjusted Contract Sum, previous payments, and sum remaining due.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

SECTION 01 2300 ALTERNATES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Description of Alternates.
- B. Procedures for pricing Alternates.
- C. Documentation of changes to Contract Price and Contract Time.

1.02 RELATED REQUIREMENTS

A. Document 00 4323 - Alternates Form: List of Alternates as supplement to Bid Form.

1.03 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work to integrate the Work of each Alternate.

1.04 SCHEDULE OF ALTERNATES

- A. Alternate No. 01 Remove and replace guardrail at dock.:
 - 1. Alternate Item: Section 055213 and Drawing number A400.
- B. Alternate No. 02 Remove and replace concrete sidewalk:
 - 1. Alternate Item: Section 321623 and Drawing number A400.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

SECTION 01 3000 ADMINISTRATIVE REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. General administrative requirements.
- B. Preconstruction meeting.
- C. Site mobilization meeting.
- D. Progress meetings.
- E. Construction progress schedule.
- F. Submittals for review, information, and project closeout.
- G. Number of copies of submittals.
- H. Requests for Interpretation (RFI) procedures.
- I. Submittal procedures.

1.02 RELATED REQUIREMENTS

1.03 GENERAL ADMINISTRATIVE REQUIREMENTS

- A. Comply with requirements of Section 01 7000 Execution and Closeout Requirements for coordination of execution of administrative tasks with timing of construction activities.
- B. Make the following types of submittals to Architect:
 - 1. Requests for Interpretation (RFI).
 - 2. Requests for substitution.
 - 3. Shop drawings, product data, and samples.
 - 4. Test and inspection reports.
 - 5. Design data.
 - 6. Manufacturer's instructions and field reports.
 - 7. Applications for payment and change order requests.
 - 8. Progress schedules.
 - 9. Coordination drawings.
 - 10. Correction Punch List and Final Correction Punch List for Substantial Completion.
 - 11. Closeout submittals.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 PRECONSTRUCTION MEETING

- A. Schedule meeting after Notice of Award.
- B. Attendance Required:
 - 1. Owner.
 - 2. Architect.
 - 3. Contractor.
- C. Agenda:
 - 1. Execution of Owner-Contractor Agreement.
 - 2. Submission of executed bonds and insurance certificates.
 - 3. Submission of list of subcontractors, list of products, schedule of values, and progress schedule.
 - 4. Designation of personnel representing the parties to Contract, and Architect.
 - Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
 - 6. Scheduling.

D. Record minutes and distribute copies within two days after meeting to participants, with copies to Architect, Owner, participants, and those affected by decisions made.

3.02 SITE MOBILIZATION MEETING

- A. Schedule meeting at the Project site prior to Contractor occupancy.
- B. Attendance Required:
 - Contractor.
 - Owner.
 - 3. Architect.
 - 4. Contractor's superintendent.
 - 5. Major subcontractors.

C. Agenda:

- 1. Use of premises by Owner and Contractor.
- 2. Owner's requirements.
- 3. Construction facilities and controls provided by Owner.
- 4. Temporary utilities provided by Owner.
- 5. Survey and building layout.
- 6. Security and housekeeping procedures.
- 7. Schedules.
- 8. Application for payment procedures.
- 9. Procedures for testing.
- 10. Procedures for maintaining record documents.
- D. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.

3.03 PROGRESS MEETINGS

- Schedule and administer meetings throughout progress of the work at maximum bi-monthly intervals.
- B. Attendance Required:
 - 1. Contractor.
 - 2. Owner.
 - 3. Architect.
 - 4. Contractor's superintendent.
 - 5. Major subcontractors.

C. Agenda:

- 1. Review minutes of previous meetings.
- Review of work progress.
- 3. Field observations, problems, and decisions.
- 4. Identification of problems that impede, or will impede, planned progress.
- 5. Review of submittals schedule and status of submittals.
- 6. Maintenance of progress schedule.
- 7. Corrective measures to regain projected schedules.
- 8. Planned progress during succeeding work period.
- 9. Maintenance of quality and work standards.
- 10. Effect of proposed changes on progress schedule and coordination.
- 11. Other business relating to work.
- D. Record minutes and distribute copies within two days after meeting to participants, with copies to Architect, Owner, participants, and those affected by decisions made.

3.04 CONSTRUCTION PROGRESS SCHEDULE

A. If preliminary schedule requires revision after review, submit revised schedule within 10 days.

- B. Within 20 days after review of preliminary schedule, submit draft of proposed complete schedule for review.
 - Include written certification that major contractors have reviewed and accepted proposed schedule.
- C. Within 10 days after joint review, submit complete schedule.
- D. Submit updated schedule with each Application for Payment.

3.05 SUBMITTALS FOR REVIEW

- A. When the following are specified in individual sections, submit them for review:
 - 1. Product data.
 - 2. Shop drawings.
 - 3. Samples for verification.
- B. Submit to Architect for review for the limited purpose of checking for compliance with information given and the design concept expressed in Contract Documents.
- C. Samples will be reviewed for aesthetic, color, or finish selection.
- D. After review, provide copies and distribute in accordance with SUBMITTAL PROCEDURES article below and for record documents purposes described in Section 01 7800 - Closeout Submittals.

3.06 SUBMITTALS FOR PROJECT CLOSEOUT

- A. Submit Correction Punch List for Substantial Completion.
- B. Submit Final Correction Punch List for Substantial Completion.
- C. When the following are specified in individual sections, submit them at project closeout in compliance with requirements of Section 01 7800 Closeout Submittals:
 - 1. Project record documents.
 - 2. Warranties.
 - 3. Bonds.
 - 4. Other types as indicated.
- D. Submit for Owner's benefit during and after project completion.

3.07 NUMBER OF COPIES OF SUBMITTALS

- A. Electronic Documents: Submit one electronic copy in PDF format; an electronically-marked up file will be returned. Create PDFs at native size and right-side up; illegible files will be rejected.
- B. Samples: Submit the number specified in individual specification sections; one of which will be retained by Architect.
 - 1. After review, produce duplicates.
 - 2. Retained samples will not be returned to Contractor unless specifically so stated.

3.08 SUBMITTAL PROCEDURES

- A. General Requirements:
- B. Product Data Procedures:
 - 1. Submit only information required by individual specification sections.
 - 2. Collect required information into a single submittal.
 - 3. Do not submit (Material) Safety Data Sheets for materials or products.
- C. Shop Drawing Procedures:
 - 1. Prepare accurate, drawn-to-scale, original shop drawing documentation by interpreting Contract Documents and coordinating related work.
 - 2. Generic, non-project-specific information submitted as shop drawings do not meet the requirements for shop drawings.

3.09 SUBMITTAL REVIEW

- A. Submittals for Review: Architect will review each submittal, and approve, or take other appropriate action.
- B. Submittals for Information: Architect will acknowledge receipt and review. See below for actions to be taken.
- Architect's actions will be reflected by marking each returned submittal using virtual stamp on electronic submittals.
- D. Architect's actions on items submitted for review:
 - 1. Authorizing purchasing, fabrication, delivery, and installation:
 - a. "Approved", or language with same legal meaning.
 - "Approved as Noted, Resubmission not required", or language with same legal meaning.
 - At Contractor's option, submit corrected item, with review notations acknowledged and incorporated.
 - c. "Approved as Noted, Resubmit for Record", or language with same legal meaning.
 - 2. Not Authorizing fabrication, delivery, and installation:
- E. Architect's actions on items submitted for information:
 - 1. Items for which no action was taken:
 - a. "Received" to notify the Contractor that the submittal has been received for record only.
 - 2. Items for which action was taken:
 - a. "Reviewed" no further action is required from Contractor.

SECTION 01 4000 QUALITY REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Submittals.
- B. Quality assurance.
- C. References and standards.
- D. Control of installation.
- E. Defect Assessment.

1.02 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

1.03 QUALITY ASSURANCE

1.04 REFERENCES AND STANDARDS

- A. For products and workmanship specified by reference to a document or documents not included in the Project Manual, also referred to as reference standards, comply with requirements of the standard, except when more rigid requirements are specified or are required by applicable codes.
- B. Comply with reference standard of date of issue current on date of Contract Documents, except where a specific date is established by applicable code.
- C. Obtain copies of standards where required by product specification sections.
- D. Maintain copy at project site during submittals, planning, and progress of the specific work, until Substantial Completion.
- E. Should specified reference standards conflict with Contract Documents, request clarification from Architect before proceeding.
- F. Neither the contractual relationships, duties, or responsibilities of the parties in Contract nor those of Architect shall be altered from Contract Documents by mention or inference otherwise in any reference document.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 CONTROL OF INSTALLATION

- A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce work of specified quality.
- B. Comply with manufacturers' instructions, including each step in sequence.
- C. Should manufacturers' instructions conflict with Contract Documents, request clarification from Architect before proceeding.
- D. Comply with specified standards as minimum quality for the work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- Have work performed by persons qualified to produce required and specified quality.
- F. Verify that field measurements are as indicated on shop drawings or as instructed by the manufacturer.
- G. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, and disfigurement.

3.02 TESTING AND INSPECTION

- A. See individual specification sections for testing and inspection required.
- B. Limits on Testing/Inspection Agency Authority:
 - 1. Agency may not release, revoke, alter, or enlarge on requirements of Contract Documents.
 - 2. Agency may not approve or accept any portion of the Work.
 - 3. Agency may not assume any duties of Contractor.
 - 4. Agency has no authority to stop the Work.

C. Contractor Responsibilities:

- 1. Deliver to agency at designated location, adequate samples of materials proposed to be used that require testing, along with proposed mix designs.
- Cooperate with laboratory personnel, and provide access to the Work and to manufacturers' facilities.
- Provide incidental labor and facilities:
 - a. To provide access to Work to be tested/inspected.
 - b. To obtain and handle samples at the site or at source of Products to be tested/inspected.
 - c. To facilitate tests/inspections.
 - d. To provide storage and curing of test samples.
- 4. Notify Architect and laboratory 24 hours prior to expected time for operations requiring testing/inspection services.
- 5. Employ services of an independent qualified testing laboratory and pay for additional samples, tests, and inspections required by Contractor beyond specified requirements.
- 6. Arrange with Owner's agency and pay for additional samples, tests, and inspections required by Contractor beyond specified requirements.
- D. Re-testing required because of non-compliance with specified requirements shall be performed by the same agency on instructions by Architect.
- Re-testing required because of non-compliance with specified requirements shall be paid for by Contractor.

3.03 DEFECT ASSESSMENT

- A. Replace Work or portions of the Work not complying with specified requirements.
- B. If, in the opinion of Architect, it is not practical to remove and replace the work, Architect will direct an appropriate remedy or adjust payment.

SECTION 01 5000 TEMPORARY FACILITIES AND CONTROLS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Temporary Controls: Barriers, enclosures, and fencing.
- B. Security requirements.
- C. Waste removal facilities and services.

1.02 BARRIERS

- A. Provide barriers to prevent unauthorized entry to construction areas, to prevent access to areas that could be hazardous to workers or the public, to allow for owner's use of site and to protect existing facilities and adjacent properties from damage from construction operations and demolition.
- B. Provide barricades and covered walkways required by governing authorities for public rights-of-way and for public access to existing building.
- C. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.

1.03 FENCING

A. Provide 6 foot (1.8 m) high fence around construction site; equip with vehicular and pedestrian gates with locks.

1.04 SECURITY - SEE SECTION 01 3553

A. Provide security and facilities to protect Work, existing facilities, and Owner's operations from unauthorized entry, vandalism, or theft.

1.05 WASTE REMOVAL

- A. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
- B. Provide containers with lids. Remove trash from site periodically.
- C. If materials to be recycled or re-used on the project must be stored on-site, provide suitable non-combustible containers; locate containers holding flammable material outside the structure unless otherwise approved by the authorities having jurisdiction.
- D. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

SECTION 02 4100 DEMOLITION

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Selective demolition of built site elements.
- B. Selective demolition of building elements for alteration purposes.

1.02 RELATED REQUIREMENTS

- A. Section 01 1000 Summary: Limitations on Contractor's use of site and premises.
- Section 01 1000 Summary: Description of items to be salvaged or removed for re-use by Contractor.
- C. Section 01 5000 Temporary Facilities and Controls: Site fences, security, protective barriers, and waste removal.
- D. Section 01 6000 Product Requirements: Handling and storage of items removed for salvage and relocation.
- E. Section 01 7000 Execution and Closeout Requirements: Project conditions; protection of bench marks, survey control points, and existing construction to remain; reinstallation of removed products; temporary bracing and shoring.

1.03 DEFINITIONS

- A. Demolition: Dismantle, raze, destroy or wreck any building or structure or any part thereof.
- B. Remove: Detach or dismantle items from existing construction and dispose of them off site, unless items are indicated to be salvaged or reinstalled.
- C. Remove and Salvage: Detach or dismantle items from existing construction in a manner to prevent damage. Clean, package, label and deliver salvaged items to Owner in ready-for-reuse condition.
- D. Remove and Reinstall: Detach or dismantle items from existing construction in a manner to prevent damage. Clean and prepare for reuse and reinstall where indicated.
- E. Existing to Remain: Designation for existing items that are not to be removed and that are not otherwise indicated to be salvaged or reinstalled.

1.04 REFERENCE STANDARDS

- A. 29 CFR 1926 Safety and Health Regulations for Construction; Current Edition.
- B. NFPA 241 Standard for Safeguarding Construction, Alteration, and Demolition Operations; 2022, with Errata (2021).

1.05 SUBMITTALS

- A. See Section 01 3000 Administrative Requirements for submittal procedures.
- B. Project Record Documents: Accurately record actual locations of capped and active utilities and subsurface construction.

PART 2 PRODUCTS

PART 3 EXECUTION

3.01 DEMOLITION

- A. Remove paving and curbs required to accomplish new work.
- B. Remove concrete slabs on grade within site boundaries.
- C. Remove other items indicated, for salvage, relocation, recycling, and . .

3.02 GENERAL PROCEDURES AND PROJECT CONDITIONS

- A. Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public.
 - 1. Obtain required permits.
 - 2. Comply with applicable requirements of NFPA 241.
 - 3. Use of explosives is not permitted.
 - Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within range of potential collapse of unstable structures.
 - 5. Provide, erect, and maintain temporary barriers and security devices.
 - 6. Conduct operations to minimize effects on and interference with adjacent structures and occupants.
 - 7. Do not close or obstruct roadways or sidewalks without permits from authority having jurisdiction.
 - Conduct operations to minimize obstruction of public and private entrances and exits. Do
 not obstruct required exits at any time. Protect persons using entrances and exits from
 removal operations.
 - 9. Obtain written permission from owners of adjacent properties when demolition equipment will traverse, infringe upon, or limit access to their property.
- B. Do not begin removal until receipt of notification to proceed from Owner.
- C. Protect existing structures and other elements to remain in place and not removed.
 - Provide bracing and shoring.
 - 2. Prevent movement or settlement of adjacent structures.
 - 3. Stop work immediately if adjacent structures appear to be in danger.
- D. Partial Removal of Paving and Curbs: Neatly saw cut at right angle to surface.

3.03 EXISTING UTILITIES

- A. Coordinate work with utility companies. Notify utilities before starting work, comply with their requirements, and obtain required permits.
- B. Protect existing utilities to remain from damage.
- C. Do not disrupt public utilities without permit from authority having jurisdiction.
- D. Do not close, shut off, or disrupt existing life safety systems that are in use without at least 7 days prior written notification to Owner.
- E. Do not close, shut off, or disrupt existing utility branches or take-offs that are in use without at least 3 days prior written notification to Owner.
- F. Locate and mark utilities to remain; mark using highly visible tags or flags, with identification of utility type; protect from damage due to subsequent construction, using substantial barricades if necessary.
- G. Remove exposed piping, valves, meters, equipment, supports, and foundations of disconnected and abandoned utilities.

3.04 SELECTIVE DEMOLITION FOR ALTERATIONS

- A. Existing construction and utilities indicated on drawings are based on casual field observation and existing record documents only.
 - 1. Verify construction and utility arrangements are as indicated.
 - 2. Report discrepancies to Architect before disturbing existing installation.
 - 3. Beginning of demolition work constitutes acceptance of existing conditions that would be apparent upon examination prior to starting demolition.
- B. Remove existing work as indicated and required to accomplish new work.
 - 1. Remove items indicated on drawings.
- C. Protect existing work to remain.

- 1. Perform cutting to accomplish removal work neatly and as specified for cutting new work.
- 2. Repair adjacent construction and finishes damaged during removal work.
- 3. Patch to match new work.

3.05 DEBRIS AND WASTE REMOVAL

- A. Remove debris, junk, and trash from site.
- B. Leave site in clean condition, ready for subsequent work.
- C. Clean up spillage and wind-blown debris from public and private lands.

SECTION 05 5213 PIPE AND TUBE RAILINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Wall mounted handrails.
- B. Ramp/dock railings and guardrails.
- C. Free-standing railings at steps.

1.02 RELATED REQUIREMENTS

A. Section 03 3000 - Cast-in-Place Concrete: Placement of anchors in concrete.

1.03 REFERENCE STANDARDS

- A. ADA Standards 2010 ADA Standards for Accessible Design; 2010.
- B. ASTM A53/A53M Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless; 2022.
- C. ASTM A123/A123M Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2017.
- D. ASTM A780/A780M Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings; 2020.
- E. ASTM E935 Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings; 2021.
- F. ASTM E985 Standard Specification for Permanent Metal Railing Systems and Rails for Buildings; 2024.
- G. AWS D1.1/D1.1M Structural Welding Code Steel; 2020, with Errata (2023).
- H. AWS D1.6/D1.6M Structural Welding Code Stainless Steel; 2017, with Amendment (2021).
- SSPC-Paint 20 Zinc-Rich Coating (Type I Inorganic, and Type II Organic); 2019.

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

1.05 QUALITY ASSURANCE

- A. Structural Designer Qualifications: Professional Structural Engineer experienced in design of this work and licensed in the State in which the Project is located, or personnel under direct supervision of such an engineer.
- B. Fabricator Qualifications:
 - 1. A company specializing in manufacturing products specified in this section, with not less than three years of documented experience.

PART 2 PRODUCTS

2.01 MANUFACTURERS

2.02 RAILINGS - GENERAL REQUIREMENTS

- A. Design, fabricate, and test railing assemblies in accordance with the most stringent requirements of applicable local code.
- B. Comply with ASTM E985.
- C. Distributed Loads: Design railing assembly, wall rails, and attachments to resist distributed force of 75 pounds per linear foot (1095 N/m) applied to the top of the assembly and in any direction, without damage or permanent set. Test in accordance with ASTM E935.

- D. Concentrated Loads: Design railing assembly, wall rails, and attachments to resist a concentrated force of 200 pounds (890 N) applied at any point on the top of the assembly and in any direction, without damage or permanent set. Test in accordance with ASTM E935.
- E. Allow for expansion and contraction of members and building movement without damage to connections or members.
- F. Dimensions: See drawings for configurations and heights.
 - 1. Top Rails and Wall Rails: 1-1/2 inches (38 mm) diameter, round.
 - 2. Intermediate Rails: 1-1/2 inches (38 mm) diameter, round.
 - 3. Posts: 1-1/2 inches (38 mm) diameter, round.
 - 4. Infill: wire mesh.
- G. Provide anchors and other components as required to attach to structure, made of same materials as railing components unless otherwise indicated; where exposed fasteners are unavoidable provide flush countersunk fasteners.
 - 1. For anchorage to concrete, provide inserts to be cast into concrete, for bolting anchors.
- H. Welded and Brazed Joints: Make visible joints butt tight, flush, and hairline; use methods that avoid discoloration and damage of finish; grind smooth, polish, and restore to required finish.
 - 1. Ease exposed edges to a small uniform radius.
 - 2. Welded Joints:
 - a. Carbon Steel: Perform welding in accordance with AWS D1.1/D1.1M.
 - b. Stainless Steel: Perform welding in accordance with AWS D1.6/D1.6M.

2.03 STEEL RAILING SYSTEM

- A. Steel Pipe: ASTM A53/A53M, Grade B Schedule 80, black finish.
- B. Welding Fittings: Factory- or shop-welded from matching pipe or tube; seams continuously welded; joints and seams ground smooth.
- C. Exposed Fasteners: No exposed bolts or screws.
- D. Welded Wire Mesh Panel: 8 gauge, 2"x2"
- E. Mesh Panel Frame and Clips: 11 gauge
- F. Galvanizing: In accordance with requirements of ASTM A123/A123M.
 - 1. Touch-Up Primer for Galvanized Surfaces: SSPC-Paint 20, Type I Inorganic.

2.04 FABRICATION

- A. Accurately form components to suit specific project conditions and for proper connection to building structure.
- B. Fit and shop assemble components in largest practical sizes for delivery to site.
- C. Fabricate components with joints tightly fitted and secured. Provide spigots and sleeves to accommodate site assembly and installation.
- D. Welded Joints:
 - Exterior Components: Continuously seal joined pieces by intermittent welds and plastic filler. Drill condensate drainage holes at bottom of members at locations that will not encourage water intrusion.
 - 2. Interior Components: Continuously seal joined pieces by intermittent welds and plastic filler.
 - 3. Grind exposed joints flush and smooth with adjacent finish surface. Make exposed joints butt tight, flush, and hairline. Ease exposed edges to small uniform radius.
- E. Weld connections that cannot be shop welded due to size limitations.
 - 1. Weld in accordance with AWS D1.1/D1.1M.
 - 2. Match shop welding and bolting.
 - 3. Clean welds, bolted connections, and abraded areas.
 - 4. Touch up shop primer and factory-applied finishes.

5. Repair galvanizing with galvanizing repair paint per ASTM A780/A780M.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that field conditions are acceptable and are ready to receive work.

3.02 PREPARATION

- A. Clean and strip primed steel items to bare metal where site welding is required.
- B. Supply items required to be cast into concrete or embedded in masonry with setting templates, for installation as work of other sections.

3.03 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install components plumb and level, accurately fitted, free from distortion or defects, with tight joints.
- C. Install railings in compliance with ADA Standards for accessible design at applicable locations.
- D. Anchor railings securely to structure.
- Field weld anchors as indicated on drawings. Touch-up welds with primer. Grind welds smooth.
- F. Conceal anchor bolts and screws whenever possible. Where not concealed, use flush countersunk fastenings.

3.04 TOLERANCES

- A. Maximum Variation From Plumb: 1/4 inch (6 mm) per floor level, non-cumulative.
- B. Maximum Offset From True Alignment: 1/4 inch (6 mm).
- C. Maximum Out-of-Position: 1/4 inch (6 mm).

SECTION 32 1216 ASPHALT PAVING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Aggregate base course.
- B. Double course bituminous concrete paving.
- C. Surface sealer.

1.02 REFERENCE STANDARDS

- A. Al MS-2 Asphalt Mix Design Methods; 2015.
- B. Al MS-19 Basic Asphalt Emulsion Manual; 2008.
- C. ASTM D946 Standard Specification for Penetration-Graded Asphalt Cement for Use in Pavement Construction; 2009a.

1.03 PERFORMANCE REQUIREMENTS

A. Design paving and subbase at [accessible parking area] for parking.

1.04 QUALITY ASSURANCE

- A. Perform Work in accordance with State of Rhode Island Highways standard.
- B. Mixing Plant: Complying with State of Rhode Island Highways standard.
- C. Obtain materials from same source throughout.

1.05 FIELD CONDITIONS

- A. Do not place asphalt when ambient air or base surface temperature is less than 40 degrees F (4 degrees C), or surface is wet or frozen.
- B. Place bitumen mixture when temperature is not more than 15 F degrees (8 C degrees) below bitumen supplier's bill of lading and not more than maximum specified temperature.

PART 2 PRODUCTS

2.01 REGULATORY REQUIREMENTS

A. Comply with applicable code for paving work on public property.

2.02 MATERIALS

- A. Asphalt Cement: ASTM D946.
- B. Aggregate for Base Course: In accordance with State of Rhode Island Highways standards.

2.03 ASPHALT PAVING MIXES AND MIX DESIGN

A. Asphalt Base Course: 3.0 to 6 percent of asphalt cement by weight in mixture in accordance with Al MS-2.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that compacted subgrade is dry and ready to support paving and imposed loads.
- B. Verify gradients and elevations of base are correct.

3.02 AGGREGATE BASE COURSE

A. Place and compact aggregate base course.

3.03 PLACING ASPHALT PAVEMENT - DOUBLE COURSE

- A. Place asphalt binder course within 24 hours of applying primer or tack coat.
- B. Place asphalt wearing course within two hours of placing and compacting binder course.

- C. Compact pavement by rolling to specified density. Do not displace or extrude pavement from position. Hand compact in areas inaccessible to rolling equipment.
- D. Perform rolling with consecutive passes to achieve even and smooth finish, without roller marks.

3.04 SEAL COAT

A. Apply seal coat to asphalt surface course and asphalt curbs in accordance with Al MS-19.

3.05 TOLERANCES

- A. Flatness: Maximum variation of 1/4 inch (6 mm) measured with 10 foot (3 m) straight edge.
- B. Variation from True Elevation: Within 1/2 inch (12 mm).

3.06 FIELD QUALITY CONTROL

- A. See Section 01 4000 Quality Requirements, for general requirements for quality control.
- B. Provide field inspection and testing. Take samples and perform tests in accordance with Al MS-2.

3.07 PROTECTION

A. Immediately after placement, protect pavement from mechanical injury for ____ days or until surface temperature is less than 140 degrees F (60 degrees C).

3.08 SCHEDULE

A. Pavement at Parking Areas: Two courses; binder course of 2-1/2 inch (63 mm) compacted thickness and wearing course of 1 inch compacted thickness, fog seal coat.

SECTION 32 1413 PRECAST CONCRETE UNIT PAVING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Edge restraints.

1.02 RELATED REQUIREMENTS

A. Section 32 1216 - Asphalt Paving: Pavement subbase for pavers.

1.03 REFERENCE STANDARDS

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

PART 2 PRODUCTS

2.01 MATERIALS

A. Edging: Concrete curb, as detailed.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that substrate is level or to correct gradient, smooth, capable of supporting pavers and imposed loads, and ready to receive work of this Section.
- B. Verify gradients and elevations of substrate are correct.

3.02 PREPARATION

A. Treat soil with herbicide to retard plant growth.

SECTION 32 1623 SIDEWALKS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Concrete sidewalks.
- B. Concrete wheelchair ramps.

1.02 RELATED REQUIREMENTS

- A. Section 32 1120 Subbase and Aggregate Base Courses.
- B. Section 32 1413 Precast Concrete Unit Paving.
- C. Section 32 1723 Pavement Markings.
- D. Section 32 1726 Tactile Warning Surfacing.

1.03 REFERENCE STANDARDS

- ACI PRC-211.1 Selecting Proportions for Normal-Density and High Density-Concrete Guide; 2022.
- B. ACI PRC-305 Guide to Hot Weather Concreting; 2020.
- C. ACI PRC-306 Guide to Cold Weather Concreting; 2016.
- D. ADA Standards 2010 ADA Standards for Accessible Design; 2010.
- E. ASTM A1064/A1064M Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete; 2022.
- F. ASTM C94/C94M Standard Specification for Ready-Mixed Concrete; 2024.

1.04 SUBMITTALS

- A. See Section 01 3000 Administrative Requirements for submittal procedures.
- B. Product Data:
 - 1. Asphalt: Provide data on primer.
 - Concrete: Provide data on admixtures.
- C. Weather Data: Records during placement of asphalt or concrete, including date, location of placement, quantity, and air temperature.

1.05 FIELD CONDITIONS

- A. Temperature Requirements: Do not place asphalt when ambient air or base surface temperature is less than 40 degrees F (4 degrees C), or surface is wet or frozen.
- B. Follow recommendations of ACI PRC-305 and ACI PRC-306 when concreting during hot and cold weather, respectively.
- C. Follow recommendations of polymeric sand manufacturer.

PART 2 PRODUCTS

2.01 CONCRETE SIDEWALKS AND WHEELCHAIR RAMPS

- A. Gravel Subbase: Thickness as indicated on drawings.
- B. Concrete Forms: Wood.
- C. Concrete Materials: Comply with ASTM C94/C94M.
- D. Aggregate: Pit Run, washed, 3/8 inch (1 cm) stone; free of shale, clay, friable material and debris.
- E. Reinforcement:
 - Steel Welded Wire Reinforcement: ASTM A1064/A1064M, plain type, flat sheets, unfinished.

F. Waterproofing Admixture: Admixture formulated to reduce permeability to liquid water, with no adverse effect on concrete properties.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify gradients and elevations of the subgrade are correct as shown on drawings. Where poor subgrade material is encountered, remove and replace with suitable material.
- B. Verify compacted subgrade is acceptable, ready to support imposed loads and paving, and ready to receive work.

3.02 SUBBASE PREPARATION

- A. Maintain subgrade in a smooth, compacted condition with required section and established grade until concrete is placed.
- B. See Section 32 1120 for aggregate subbase.
- C. Apply primer on aggregate subbase at uniform rate of 1/3 gallon per square yard (1.5 L/sq m).

3.03 CONCRETE SIDEWALK AND WHEELCHAIR RAMP INSTALLATION

- A. Mixing:
 - 1. Proportioning Normal Weight Concrete: Comply with ACI PRC-211.1 recommendations.
 - 2. Admixtures: Add acceptable admixtures as recommended in ACI PRC-211.1 and at rates recommended by manufacturer.

B. Forming:

- 1. Assemble formwork to permit easy stripping and dismantling without damaging concrete.
- 2. Sidewalk Forms: Place and secure forms to location, dimension, profile, and gradient shown on drawings. Height equal to the full depth of the finished sidewalk.
- 3. Wheelchair Ramps: Place and secure forms to location, dimension, profile, and gradient shown on drawings. Comply with ADA Standards.

C. Reinforcement:

Place wire-mesh reinforcement mid-height of forms.

D. Placement:

- 1. Place concrete in a single lift.
- 2. Consolidate concrete by tamping and spading.

E. Joints:

- 1. Spacing: Provide scored joints every 10 feet (3 m).
- 2. Filler height equal to the full depth of the finished concrete.

F. Finishina:

- 1. Sidewalk Paving: Light broom, texture perpendicular to direction of travel with troweled and radiused edge, 1/4 inch radius (6 mm radius).
- 2. Wheelchair Ramps: Broomed perpendicular to slope.
- G. Record weather information for placement.

3.04 TOLERANCES

A. Surface Flatness: 1/4 inch (6 mm), maximum, measured with 10 foot (3 m) straight edge.

3.05 PROTECTION

- A. Immediately after placement, protect sidewalk from premature drying, excessively hot or cold temperatures, and mechanical injury.
- B. Do not permit pedestrian traffic over sidewalk for 7 days minimum after finishing.

SECTION 32 1713 PARKING BUMPERS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Precast concrete parking bumpers and anchorage.

1.02 RELATED REQUIREMENTS

A. Section 32 1723 - Pavement Markings.

1.03 REFERENCE STANDARDS

- A. ASTM A615/A615M Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement; 2022.
- B. ASTM C150/C150M Standard Specification for Portland Cement; 2022.
- C. ASTM C260/C260M Standard Specification for Air-Entraining Admixtures for Concrete; 2010a (Reapproved 2016).
- D. ASTM C330/C330M Standard Specification for Lightweight Aggregates for Structural Concrete; 2023.

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Parking Bumpers: Precast concrete, complying with the following:
 - 1. Cement: ASTM C150/C150M, Portland Type I Normal; white color.
 - 2. Concrete Materials: ASTM C330/C330M aggregate, water, and sand.
 - 3. Reinforcing Steel: ASTM A615/A615M, deformed steel bars; unfinished, strength and size commensurate with precast unit design.
 - 4. Air Entrainment Admixture: ASTM C260/C260M.
 - 5. Concrete Mix: Minimum 5,000 psi (34 MPa) compressive strength after 28 days, air entrained to 5 to 7 percent.
 - 6. Use rigid molds, constructed to maintain precast units uniform in shape, size and finish. Maintain consistent quality during manufacture.
 - 7. Embed reinforcing steel, and drill or sleeve for two dowels.
 - 8. Cure units to develop concrete quality, and to minimize appearance blemishes such as non-uniformity, staining, or surface cracking.
 - 9. Minor patching in plant is acceptable, providing appearance of units is not impaired.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install units without damage to shape or finish. Replace or repair damaged units.
- B. Install units in alignment with adjacent work.

SECTION 32 1723 PAVEMENT MARKINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Painted pavement markings.

1.02 RELATED REQUIREMENTS

- A. Section 32 1216 Asphalt Paving.
- B. Section 32 1623 Sidewalks.
- C. Section 32 1713 Parking Bumpers.
- D. Section 32 1726 Tactile Warning Surfacing.

1.03 REFERENCE STANDARDS

- A. AASHTO M 237 Standard Specification for Epoxy Resin Adhesives for Bonding Traffic Markers to Hardened Portland Cement and Asphalt Concrete; 2005 (Reapproved 2019).
- B. AASHTO M 247 Standard Specification for Glass Beads Used in Pavement Markings; 2013 (Reapproved 2018).
- C. AASHTO M 249 Standard Specification for White and Yellow Reflective Thermoplastic Striping Material (Solid Form); 2012 (Reapproved 2020).
- D. AASHTO MP 24 Standard Specification for Waterborne White and Yellow Traffic Paints; 2015 (Reapproved 2020).
- E. ASTM D4505 Standard Specification for Preformed Retroreflective Pavement Marking Tape for Extended Service Life; 2012 (Reapproved 2017).
- F. ASTM E303 Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester; 2022.
- G. FHWA MUTCD Manual on Uniform Traffic Control Devices; 2023.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordination: Coordinate the work of this section with adjoining work.
- B. Preinstallation Meeting: Conduct a preinstallation meeting one week prior to the start of the work of this section; require attendance by affected installers.

1.05 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements for submittal procedures.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience and approved by manufacturer.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver paint in containers of at least 5 gallons (18 L) accompanied by batch certificate.
- B. Deliver glass beads in containers suitable for handling and strong enough to prevent loss during shipment, accompanied by batch certificate.
- C. Store products in manufacturer's unopened packaging until ready for installation.
- D. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.08 FIELD CONDITIONS

A. Do not install products under environmental conditions outside manufacturer's absolute limits.

B. Do not apply paint if temperature of surface to be painted or the atmosphere is less than 50 degrees F (10 degrees C) or more than 95 degrees F (35 degrees C).

1.09 SEQUENCING

A. Allow new pavement surfaces to cure for a period of not less than 14 days before application of markings.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Painted Pavement Markings:
 - Dunn-Edwards Corporation; Vin-L-Stripe Specialty Interior/Exterior Flat Zone Marking Paint.
 - Dunn-Edwards Corporation; Vin-L-Stripe Specialty Interior/Exterior Velvet Zone Marking Paint.
 - 3. PPG Traffic Solutions; Ennis Flint Fast Dry Waterborne Traffic Paint, 9852x Series.

2.02 PAINTED PAVEMENT MARKINGS

- A. Comply with State of Rhode Island Highway Department standards.
- B. Painted Pavement Markings: As indicated on drawings.
 - 1. Marking Paint: In accordance with AASHTO MP 24.
 - a. Parking Lots: Yellow.
 - b. Symbols and Text: White.
 - c. Wheelchair Symbols: Provide blue and white.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verification of Conditions: Verify that pavement is dry and ready for installation.
- B. Notify Architect of unsatisfactory conditions before proceeding.

3.02 PREPARATION

- A. Clean surfaces prior to installation.
 - 1. Remove dust, dirt, and other debris.
- B. Apply paint stencils by type and color at necessary intervals.

3.03 INSTALLATION

- A. General:
 - 1. Position pavement markings as indicated on drawings.
 - 2. Field location adjustments require approval of Architect.
- B. Painted Pavement Markings:
 - 1. Apply in accordance with manufacturer's instructions.
 - 2. Apply in accordance with State of Rhode Island Highway Department standards.
 - 3. Marking Paint: Apply uniformly, with sharp edges.
 - a. Applications: One coat.
 - b. Wet Film Thickness: 0.015 inch (0.4 mm), minimum.
 - c. Stencils: Lay flat against pavement, align with striping, remove after application.

3.04 PROTECTION

- A. Prevent approaching traffic from crossing newly applied pavement markings.
- B. Replace damaged or removed markings at no additional cost to Owner.

SECTION 32 1726 TACTILE WARNING SURFACING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Tactile warning surfacing for pedestrian walking surfaces.

1.02 RELATED REQUIREMENTS

A. Section 32 1723 - Pavement Markings: Crosswalk and curb markings.

1.03 REFERENCE STANDARDS

- A. AASHTO LRFD Bridge Design Specifications; 2024.
- B. ADA Standards 2010 ADA Standards for Accessible Design; 2010.
- C. ASTM B117 Standard Practice for Operating Salt Spray (Fog) Apparatus; 2019.
- D. ASTM C501 Standard Test Method for Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser; 2021.
- E. ASTM C903 Standard Practice for Preparing Refractory Specimens by Cold Gunning; 2015 (Reapproved 2020).
- F. ASTM D2047 Standard Test Method for Static Coefficient of Friction of Polish-Coated Flooring Surfaces as Measured by the James Machine; 2017.
- G. ASTM D543 Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents; 2021.
- H. ASTM D570 Standard Test Method for Water Absorption of Plastics; 2022.
- I. ASTM D638 Standard Test Method for Tensile Properties of Plastics; 2022.
- J. ASTM D695 Standard Test Method for Compressive Properties of Rigid Plastics; 2023.
- K. ASTM D790 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials; 2017.
- ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials; 2023d.
- M. ASTM G155 Standard Practice for Operating Xenon Arc Lamp Apparatus for Exposure of Materials; 2021.
- N. ATBCB PROWAG Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way; 2011.
- O. SAE AMS-STD-595 Colors Used in Government Procurement; 2017a.

1.04 SUBMITTALS

- A. See Section 01 3000 Administrative Requirements, for submittal procedures.
- B. Warranty: Submit manufacturer warranty; complete forms in Owner's name and register with manufacturer.

1.05 QUALITY ASSURANCE

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver to project site in manufacturer's protective wrapping and in manufacturer's unopened packaging.
- B. Store covered and elevated above grade and in manufacturer's unopened packaging until ready for installation. Maintain at ambient temperature between 40 and 90 degrees F (4 and 32 degrees C).

1.07 WARRANTY

A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.

B. Plastic Tiles: Provide manufacturer's standard five year warranty against manufacturing defects, breakage or deformation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Plastic Tactile and Detectable Warning Surface Tiles:
 - 1. Access Tile, a brand of Access Products, Inc; _____: www.accessproducts.com/#sle.
 - 2. ADA Solutions, a division of SureWerx USA; _____: www.adatile.com/#sle.
 - 3. EqualTile, a brand of Advanced Roadway Manufacturing, Inc; _____: www.equaltile.com/#sle.
 - 4. Armor-Tile, a brand of Engineered Plastics, Inc; _____: www.armortiletransit.com/#sle.
- B. Composite Directional Bar Tiles:

2.02 TACTILE AND DETECTABLE WARNING DEVICES

- A. Plastic Tactile and Detectable Warning Tiles: Comply with ADA Standards, glass fiber and carbon fiber reinforced, exterior grade, matte finish polyester sheet with truncated dome pattern, solid color throughout, internal reinforcing of sheet and of truncated domes, integral radius cut lines on back face of tile; with factory-applied removable protective sheeting.
 - 1. Material Properties:
 - Water Absorption: 0.20 percent, maximum, when tested in accordance with ASTM D570.
 - b. Slip Resistance: 0.50 minimum dry static coefficient of friction, when tested in accordance with ASTM D2047.
 - c. Compressive Strength: 25,000 pounds per square inch (172 MPa), minimum, when tested in accordance with ASTM D695.
 - d. Tensile Strength: 10,000 pounds per square inch (69 MPa), minimum, when tested in accordance with ASTM D638.
 - e. Flexural Strength: 25,000 pounds per square inch (172 MPa) minimum, when tested in accordance with ASTM D790.
 - f. Chemical Stain Resistance: No reaction to 1 percent hydrochloric acid, motor oil, calcium chloride, gum, soap solution, bleach, or antifreeze, when tested in accordance with ASTM D543.
 - q. Abrasion Resistance: 300, minimum, when tested in accordance with ASTM C501.
 - h. Flame Spread Index: 25, maximum, when tested in accordance with ASTM E84.
 - i. Accelerated Weathering: Delta-E of less than 5.0 at 2,000 hours exposure, when tested in accordance with ASTM G155.
 - Adhesion: No delamination of tile prior to board failure in a temperature range of 20 to 180 degrees F (minus 7 to 82 degrees C), when tested in accordance with ASTM C903.
 - k. Loading: No damage when tested according to AASHTO LRFD test method HS20.
 - I. Salt and Spray Performance: No deterioration or other defect after 200 hours of exposure, when tested in accordance with ASTM B117.
 - 2. Installation Method: Cast in place.
 - 3. Shape: Rectangular.
 - 4. Dimensions: 24 inches by 48 inches (610 mm by 1220 mm).
 - 5. Pattern: In-line pattern of truncated domes complying with ADA Standards.
 - 6. Edge: Square.
 - 7. Joint: Butt.
 - 8. Color: SAE AMS-STD-595, Table IV, Federal Yellow No. 33538.
 - 9. Products:

PART 3 EXECUTION

3.01 INSTALLATION, GENERAL

- Install in accordance with manufacturer's written instructions.
 - 1. Do not install damaged, warped, bowed, dented, abraded, or otherwise defective units.
 - 2. Do not install when ambient or substrate temperature has been below 40 degrees F (4 degrees C) during the preceding 8 daylight hours.
- B. Field Adjustment:
 - 1. Locate relative to curb line in compliance with ATBCB PROWAG, Sections 304 and 305.
 - 2. Orient so dome pattern is aligned with the direction of ramp.
- C. Install units fully seated to substrate, square to straight edges and flat to required slope.

3.02 INSTALLATION, CAST IN PLACE PLASTIC TILES

- A. Tamp and vibrate units as recommended by manufacturer.
- B. Place and position weights on units while concrete cures as recommended by manufacturer. Ensure no voids or air pockets exist between top surface of concrete and underside of units.

3.03 CLEANING PLASTIC UNITS

- A. Remove protective plastic sheeting within 24 hours of installation.
- B. Remove excess sealant or adhesive from joints and edges.
- C. Clean four days prior to date of scheduled inspection.

3.04 PROTECTION

- A. Protect installed units from traffic, subsequent construction operations or other imposed loads until concrete is fully cured.
- B. Touch-up, repair or replace damaged products prior to Date of Substantial Completion.