



Jones Gillam Renz Architects

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ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

JONES GILLAM RENZ DOCUMENT JGR 710

PROJECT:	The Residence at Veterans Park New Senior Development Knoxville, IA	Report No.	One (1)
OWNER:	OPG Veterans Park Partners, LLC Dan Maximuk 250 N. Santa Fe Ave, Suite A Salina, KS 67401	Date	April 2, 2025
CONTRACTOR:	Overland Construction Company 250 N. Santa Fe Ave, Suite A Salina, KS 67401	Architect's Proj No.	24-3400
		Contract For:	General Construction Mechanical, Electrical

The work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Prior to proceeding in accordance with these instructions, indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect.

DESCRIPTION:

Contractor to make adjustments as needed and required per the modifications as indicated on attached drawings and in the below descriptions:

1. Attached are the Knoxville, Iowa Public Sanitary Sewer State Permitting documents for the contractor's records and reference.
2. Eliminate the 6' wood privacy perimeter fence around the West, South and East sides of the site in it's entirety. Reference revised sheets A1.1 and A1.2. Dog Park shall be fully fenced. All sides shall be 4' tall aluminum fencing per details on revised sheet A1.2.
3. Eliminate the plastic laminate detail at the apartment unit doors. Wall finish at alcove shall be painted gypsum board. Reference revised sheet A9.3.
4. Eliminate the plastic laminate "table" and casework in Mail #103. Install floating Quartz countertop instead, with hidden brackets per manufacturer. Reference revised Sheet A9.2
5. Clarification: Countertop in Community Room 101 is to be Quartz per spec.

Attachments:

1. Construction Permit – City of Knoxville – Sewage, Veteran's District Plat 2, Project No. 2025-0233A (12 sheets – various sizes)
2. Certificate of Completion – DNR Permit Number 2025-0242S
3. Revised Sheets A1.1 and A1.2
4. Revised Sheets A9.2 & A9.3

Issued by: Jones Gillam Renz Architects PO Box 2928, Salina, KS 67402
Maggie Gillam, Project Manager 785-827-0386

mgillam@jgrarchitects.com

Copies to:

Dan Maximuk, Amanda Klaus – OPG
Eric Hubener – MCP Group
Ryan Lies – LST
Justin Strom – Snyder & Associates
Isaac Cundiff, Marcus Himmelberg - McClure

**STATE OF IOWA
DEPARTMENT OF NATURAL RESOURCES
6200 PARK AVE STE 200
DES MOINES, IOWA 50321**

CONSTRUCTION PERMIT

City of Knoxville
Attn: Patrick Murphy
305 3rd Street
Knoxville, IA 50138

PERMIT NO.: 2025-0242S
FILE: City of Knoxville - Sewage
RE: Veteran's District Plat 2
PROJECT NO: 2025-0233A

In accordance with the provisions of Section 455B.173.3 and 455B.174.4, Code of Iowa, and Rule 567--64.2(455B) or Rule 567--65.7(455B), or Rule 567--43.3(455B) of the Iowa Administrative Code, the Director of the Department of Natural Resources does hereby issue a permit for the construction of:

Approximately 510 linear feet of eight-inch PVC sanitary sewer, 2 manholes, and all related appurtenances necessary to complete the project in accordance with the approved plans and specifications.

The construction of the project shall be initiated within one year of issuance of this permit or this permit is no longer valid. Within thirty days after completion of construction, the permit holder shall submit a certification by a licensed professional engineer that the project was completed in accordance with the approved project documents.

The issuance of this permit in no way relieves the permittee of the responsibility for complying with any other local, state, and federal laws, ordinances, regulations or other requirements applicable to this facility.

Pursuant to Section 455B.174.4, Code of Iowa, you have the right to appeal any condition of this permit by filing with the Director of the Department of Natural Resources a notice of appeal and request for administrative hearing within thirty days of receipt of this permit.

Please feel free to contact Ferida Ikeljic at 515-725-8429 or email Ferida.ikeljic@dnr.iowa.gov if you have any questions or comments.

FOR THE DEPARTMENT OF NATURAL RESOURCES
KAYLA LYON, DIRECTOR

By Laura Knispel Digitally signed by Laura Knispel
Date: 2025.02.28 15:14:33 -06'00'
ENVIRONMENTAL SERVICES DIVISION

Date: February 28th, 2025



Copy (via electronic delivery): DNR Field Office 5 (Des Moines, Iowa)
 DNR Sewage File 6-63-42-0-01 (City of Knoxville)
 City Clerk – Knoxville
 Justin Strom, P.E. – Snyder & Associates, Inc (jstrom@snyder-associates.com)



Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
SCHEDULE A, Construction Permit Application
Exhibit 11A

APPLICANT	ENGINEER
Owner: <u>City of Knoxville</u>	Firm: <u>Snyder & Associates, Inc.</u>
Address: <u>305 3rd Street Knoxville, IA 50138</u>	Address: <u>2727 SW Snyder Blvd., Ankeny, IA 50023</u>
Representative: <u>Patrick Murphy</u>	Project Officer: <u>Justin Strom</u>
Phone Number: <u>641-828-0550</u>	Phone Number: <u>515-964-2020</u>
Email: <u>wrf@knoxvilleia.gov</u>	Email: <u>jstrom@snyder-associates.com</u>
Project Identification: <u>Veteran's District Plat 2</u>	
Estimated Start Date*: <u>Spring 2025</u> Estimated Completion Date: <u>Fall 2025</u>	

PLEASE RESPOND TO ALL QUESTIONS		Yes	No
1. Has an engineering report, facilities plan or other information previously been submitted for this project?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes: Project Identity: _____ Date Submitted: _____			
2. Does the project and construction permit application, as submitted, follow the recommendations, design loadings, construction schedule, permit limits, and conclusions of the approved engineering report or facilities plan?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If No: Provide the design basis and technical information justifying all changes.			
3. Are there three complete sets of plans and specifications accompanying this application?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
For a minor gravity sewer extension within the meaning of 455B.183.3 Code of Iowa and Design Standard 11.1, two complete sets will be adequate for expeditious approval. For more complex projects, three sets of plans and specifications may be requested.			
4. Are approved standard specifications a part of this application?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes: Approved Standard Specifications of _____ SUDAS _____ Date Approved: <u>2025</u> (municipality or firm):			
5. Does each set of plans and specifications or engineering report accompanying this application contain a "professional engineering seal" executed in conformance with 542B.16, Code of Iowa?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If No: Processing will be delayed pending receipt of applicable design schedules and certified plans, specifications or engineering report.			
6. Is this a joint wastewater and water supply project?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes: A construction permit application for the water supply project should be submitted separately to the Water Supply Section. A Water Supply permit fee may be required.			
7. Is the applicant to provide treatment of effluent resulting from this construction?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If No: A Sewage Treatment Agreement executed by the authority providing treatment must accompany this form.			
8. Is a new or amended operation permit necessary to use the facilities described in this application?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes: A new or amended permit to operate may be requested prior to the receipt of a construction permit.			
9. Is any waterline located within 10 feet; or any private or public well, lake, or public recreation area located within 400 feet of the proposed construction?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes: Identify and locate the facility(ies) relative to the proposed construction.			
10. Will construction inspection be conducted by a licensed engineer employed by the applicant?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If No: Name of Engineering Firm Conducting Inspection: <u>City of Knoxville</u>			
11. Will this project utilize CWSRF loan funds?		<input type="checkbox"/>	<input checked="" type="checkbox"/>

CERTIFICATION	
APPLICANT	ENGINEER
I certify that I am the authorized representative of the owner and state that the project identified above is approved by the owner.	I certify that all aspects of the design included in this application conform to applicable standards contained in Chapter 567 IAC 64, or that an explanation and justification for any proposed variations from such standards is attached. I am familiar with the information contained in this application and, to the best of my knowledge, such information is complete and accurate.
Signature <u></u> Date <u>2/24/25</u>	Signature <u></u> Date <u>2/25/2025</u>

*Estimated Construction Start Date: Complete applications must be submitted at least 120 days in advance of the date for starting construction in accordance with Rules 567 IAC 60.4 and 64.2

Please complete the Schedule Checklist on the following page of this form.

DOCUMENT CHECKLIST

Identify all categories included in this project. Also, identify schedules attached to this application.

Schedule	Title	Attached	Included in Project	Submittal Date
B	Collection System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____
C	Lateral Sewer Extension	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____
D	Trunk & Interceptor Sewer	<input type="checkbox"/>	<input type="checkbox"/>	_____
E	Wastewater Pump Station	<input type="checkbox"/>	<input type="checkbox"/>	_____
F	Treatment Project Site Selection	<input type="checkbox"/>	<input type="checkbox"/>	_____
G	Treatment Project Design Data	<input type="checkbox"/>	<input type="checkbox"/>	_____
H1	Schematic Flow Diagram	<input type="checkbox"/>	<input type="checkbox"/>	_____
H2	Treatment Process Loading and Removal Efficiency	<input type="checkbox"/>	<input type="checkbox"/>	_____
H3	Mechanical Plant Reliability	<input type="checkbox"/>	<input type="checkbox"/>	_____
I	Screening, Grit Removal and Flow Measurement	<input type="checkbox"/>	<input type="checkbox"/>	_____
J	Septic Tank System	<input type="checkbox"/>	<input type="checkbox"/>	_____
K1	Controlled Discharge Pond	<input type="checkbox"/>	<input type="checkbox"/>	_____
K2	Aerated Pond	<input type="checkbox"/>	<input type="checkbox"/>	_____
K3	Anaerobic Lagoon	<input type="checkbox"/>	<input type="checkbox"/>	_____
L	Setting Tanks	<input type="checkbox"/>	<input type="checkbox"/>	_____
M	Fixed Film Reactor-Stationary Media	<input type="checkbox"/>	<input type="checkbox"/>	_____
N	Rotating Biological Contactor	<input type="checkbox"/>	<input type="checkbox"/>	_____
O	Aeration Tanks or Basins	<input type="checkbox"/>	<input type="checkbox"/>	_____
P	Gas Chlorination	<input type="checkbox"/>	<input type="checkbox"/>	_____
Q	Sludge Digestion and Holding	<input type="checkbox"/>	<input type="checkbox"/>	_____
R1	Sludge Dewatering and Disposal	<input type="checkbox"/>	<input type="checkbox"/>	_____
R2 (A&B)	Low Rate Land Application of Sludge	<input type="checkbox"/>	<input type="checkbox"/>	_____
R3	Land Application of Sewage Sludge (To be developed)	<input type="checkbox"/>	<input type="checkbox"/>	_____
S	Land Application of Wastewater (To be developed)	<input type="checkbox"/>	<input type="checkbox"/>	_____
	Sewage Treatment Agreement	<input type="checkbox"/>	<input type="checkbox"/>	_____

Identify any categories included in this project which are not provided in the above list of schedules.



Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
SCHEDULE B, Collection System

DNR USE ONLY

Project No. _____

Permit No. _____

Date Prepared

2/25/2025

Date Revised _____

Project Identity

Veteran's District Plat 2

1. Identify proposed construction which is subject to flooding and explain what is proposed to prevent water from entering the system. If no portion is subject to flooding, state none.

Segment

Flooding Protection

*2. Indicate hydraulic capacity of: 1) the nearest downstream main or interceptor; 2) the nearest downstream lift station; and 3) all downstream segments where flow restriction may occur. Indicate the source and accuracy of numerical data.

	Segment	Segment	Segment
Location	Pleasant St		
Design Capacity, MGD	0.69		
Peak Hourly Dry weather Flow MGD (actual)	n/a		
Peak Hourly Wet weather Flow MGD (actual)	n/a		

*3. Identify treatment facility, the design loadings and present raw waste loadings. Indicate source and accuracy of numerical data.

Facility Name and Number Knoxville City of STP NPDES #6342001

	MGD	#BOD ₅ /day
Design	4.48	2959
Average Wet Weather (actual)		
Peak Hourly Wet Weather (actual)		

Provide projected design loading increase, which will be added to this facility as a result of this project.

Design Loading	Initial		Design Year	(26)
Residential Service Area	2.92	Acres		Acres
Population	120	Persons		Persons
Flow (100 GPCD)	12,000	GPD		GPD
BOD ₅ (0.17/#/d/cap)	20.4	#/day		#/day
Industrial Service Area		Acres		Acres
Rated Flow		GPD		GPD
BOD ₅		#/day		#/day
Other _____		Acres		Acres
Rated Flow		GPD		GPD
BOD ₅		#/day		#/day
Total BOD ₅	20.4	#/day		#/day
Total Flow	12,000	GPD		GPD
Peak Hourly Flow	50,653	GPD		GPD

*Include a written explanation of items 2 and 3 if the sewer system and/or treatment facility are overloaded.



Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
SCHEDULE C, Lateral Sewer Extension

DNR USE ONLY
Project No. _____

Permit No. _____

Date Prepared

2/25/2025

Date Revised _____

Project Identity

Veteran's District Plat 2

1. Design Basis

	Initial		Design Year (26)
Residential Service Area	2.92	Acres	Acres
Population	120	Persons	Persons
Flow (100 GPCD)	12,000	GPD	GPD
BOD ₅ (0.17/#/d/cap)	20.4	#/day	#/day
Industrial Service Area		Acres	Acres
Rated Flow		GPD	GPD
BOD ₅		#/day	#/day
Other _____		Acres	Acres
Rated Flow		GPD	GPD
BOD ₅		#/day	#/day
Total BOD ₅	20.4	#/day	#/day
Total Flow	12,000	GPD	GPD
Peak Hourly Flow	50,653	GPD	GPD

2. Pipe

	8 Inch		10 Inch		12 Inch
Diameter	8 Inch		10 Inch		12 Inch
Material	PVC				
Joint	Gasketed				
Minimum Slope	0.50	%		%	
Maximum Manhole Space	260	ft.		ft.	
Total Sewer Length	510	ft.		ft.	
Maximum Cover	6.44	ft.		ft.	
Minimum Cover	5.53	ft.		ft.	

3. Construction specifications (indicate ASTM Number or other standard included in the specifications). A brief description is required in each part.

- A. Bedding class Figure 3010.103 - Class I Bedding Material
- B. Pipe laying Section 4010 3.02 B Proceed upstream with bells pointing upstream
- C. Compaction Section 3010.306
- D. Manhole Section 6010 Precast 48" Manhole
- E. Specified maximum infiltration/exfiltration rate 200 GPDPMPI
- F. Infiltration/exfiltration test procedures Section 4060.304 Water and air pressure
- G. Alignment & grade test procedures
- (1) During construction Stake & batterboard Laser Section 4010 3.02
- (2) After construction Lamping Section 4060 3.02 Other Video Inspection
- H. Deflection test procedures Section 4060 3.05 Ball of mandrel pulled through 95% DIA.

4. Are detailed manhole drawings included: ☐ Yes ☒ No Typical frame and cover assembly Figure 6010.601
- Are manhole covers nonvented: ☒ Yes ☐ No Manhole diameter 48 in.
- Manhole opening diameter 24 in Material Cast Iron frame and grate, concrete manhole
5. Minimum sewer & water main separation: Horizontal 10 ft. Vertical 18 in.
- Are specifications included No
6. Stream, road, or railroad crossing protection No
- Are specifications included



Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
Sewage Treatment Agreement

INSTRUCTIONS


This agreement must be executed for all projects where construction and sewage treatment will be provided by different parties; i.e., a private subdivision connecting to a municipal system. This agreement must be executed by the parties who are owners at the time the permit is issued, regardless of whether title to the proposed construction project will be transferred after completion of the project.

This agreement is not necessary when a contract for sewage treatment already exists; i.e., service contracts between municipalities. However, the Department of Natural Resources must be informed in writing that the contractual agreement does exist.

APPLICANT	ENGINEER
Owner: <u>City of Knoxville</u>	Firm: <u>Snyder & Associates, Inc.</u>
Address: <u>305 3rd Street</u>	Address: <u>2727 Snyder Blvd., Ankeny, IA 50023</u>
Representative: <u>Patrick Murphy</u>	Project Officer: <u>Justin Strom</u>
Phone Number: <u>641-828-0550</u>	Phone Number: <u>515-964-2020</u>
Project Identification: <u>Veteran's District Plat 2</u>	
Owner and System Receiving Wastes: <u>Water Reclamation Facility</u>	


CERTIFICATION

I am the authorized representative of the owner identified above and state that the proposed sanitary sewage facilities shall be constructed in accordance with the plans and specifications and all wastes contributed by this project shall be discharged to the treatment system identified above.

Signature  Title: Water Reclamation Super. Date 2/26/25

AGREEMENT TO PROVIDE SEWAGE TREATMENT

I am the authorized representative of the owner of the system identified above and state that the connection of the proposed sanitary sewage facilities identified above is approved by the owner, and that the owner accepts responsibility for providing adequate treatment of all wastes contributed by this project, in accordance with the provisions of Chapter 455B, Code of Iowa, and the rules of the Department of Natural Resources. This agreement shall not be construed in any way to affect any local ordinances, sewer service agreements, or fee systems entered into between the parties.

Name: Patrick J Murphy Title: Water Reclamation Superintendent
Signature  Date 2/26/25 Phone: 641-828-0587



IOWA DEPARTMENT OF NATURAL RESOURCES
Wastewater Disposal System Construction Permit
Application Fee Form

CASHIER'S USE ONLY
0945-542-NPDE-CP-0570
32-3202
Owner

Owner Name: City of Knoxville

Address: 305 3rd Street

City, State, Zip: Knoxville, IA 50138

Project Identification: Veteran's District Plat 2

☒ \$100 Fee enclosed

Please sign and return this form with a check or money order payable to "Iowa Department of Natural Resources". Place it and the check or money order on top of other Construction Permit Application documents.

Effective beginning July 1, 2006, Applications for Construction Permits for wastewater disposal systems required by Iowa Code 455B.173 and rules in Iowa Administrative Code 567 IAC 64, must be accompanied by the fee required by Iowa Code 455B.197 and Iowa Administrative Code 567 IAC 64.16(3)"c".

The fee is \$100 for each application, regardless of project size and project type including sanitary sewers, pump stations, treatment units or a combination thereof. The fee shall be submitted with the certified engineering documents necessary to apply for a construction permit (plans, specifications and related application schedules A, F, and G as well as the appropriate schedules identified on page 2 of Schedule A). The construction permitting process is initiated as planning for construction begins. Planning coordination and submittal of preliminary engineering reports or facility plans precedes submittal of technical documents necessary to constitute a construction permit application. The application fee is not necessary when submitting a planning document but must accompany construction permit application documents. A fee should accompany each permit application received on or after July 1, 2006.

Failure to submit a fee with the application may delay the processing of a construction permit. If you have any questions regarding the application fee, please contact Donna Gomm at 515-725-8427 or Donna.Gomm@dnr.iowa.gov

Signature of Owner or Representative:

Nathan Parch

Printed Name: Nathan Parch

Telephone or email contact: 641-826-0550

Mail to:
Iowa Department of Natural Resources
Wastewater Engineering Section
502 East 9th Street
Des Moines, IA 50319-0034



Iowa Department of Natural Resources WasteWater Disposal System Construction Permit Application Fee Form

Details

Owner Name: City of Knoxville

Address Line 1: 305 3rd Street

Address Line 2:

City: Knoxville

State: IA

Zip: 50138

Project Identification: Veteran's District Plat 2

Project Location: Knoxville, IA

Effective beginning July 1, 2006, Applications for Construction Permits for wastewater disposal systems required by Iowa Code 455B.173 and rules in Iowa Administrative Code 567 IAC 64 must be accompanied by the fee required by Iowa Code 455B.197 and Iowa Administrative Code 567 IAC 64.16(3)"c".

The fee is \$100 for each application, regardless of project size and project type including sanitary sewers, pump stations, treatment units or a combination thereof. The fee shall be submitted with the certified engineering documents necessary to apply for a construction permit (plans, specifications and related application schedules A, F, and G as well as the appropriate schedules identified on page 2 of Schedule A). The construction permitting process is initiated as planning for construction begins. Planning coordination and submittal of preliminary engineering reports or facility plans precedes submittal of technical documents necessary to constitute a construction permit application. The application fee is not necessary when submitting a planning document but must accompany construction permit application documents. A fee should accompany each permit application **received on or after July 1, 2006.**

Failure to submit a fee with the application may delay the processing of a construction permit. If you have any questions regarding the application fee, please contact **Donna Gomm** at **(515) 725-8427** or **Donna.Gomm@dnr.iowa.gov** or **Yolanda Castro** at **(515) 725-8430** or **Yolanda.Castro@dnr.iowa.gov**

Owner or Representative Name: Patrick Murphy

Phone Number: 6418280587

Email Address: wrf@knoxvilleia.gov

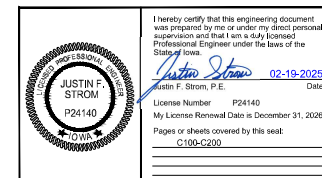
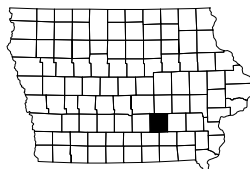
SNYDER & ASSOCIATES, INC.
2727 SW SNYDER BLVD.
ANKENY, IA 50023
JUSTIN STROM, P.E.
319-330-0303
JSTROM@SNYDER-ASSOCIATES.COM

C100	TITLE SHEET
C101	PROJECT INFORMATION
C102	DEMOLITION PLAN
C200	SANITARY SEWER PLAN AND PROFILE

STATE OF IOWA
NATURAL RESOURCES
ENVIRONMENTAL SERVICES DIVISION
Digitally signed by Laura
Laura Knispel
Date: 2025.02.28 15:15:28
-0600

VICINITY MAP

SANITARY SEWER QUANTITIES	
8" SANITARY SEWER MAIN	520
MANHOLE SW-301	2
CONNECT TO EXISTING	1
TELEVIEW SANITARY SEWER	520



VETERAN'S DISTRICT PLAT 2

TITLE SHEET

SNYDER & ASSOCIATES, INC.

KNOXVILLE, IOWA

2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

Project No: 124.0983.01 Sheet C100

Sheet C100

Sheet C100

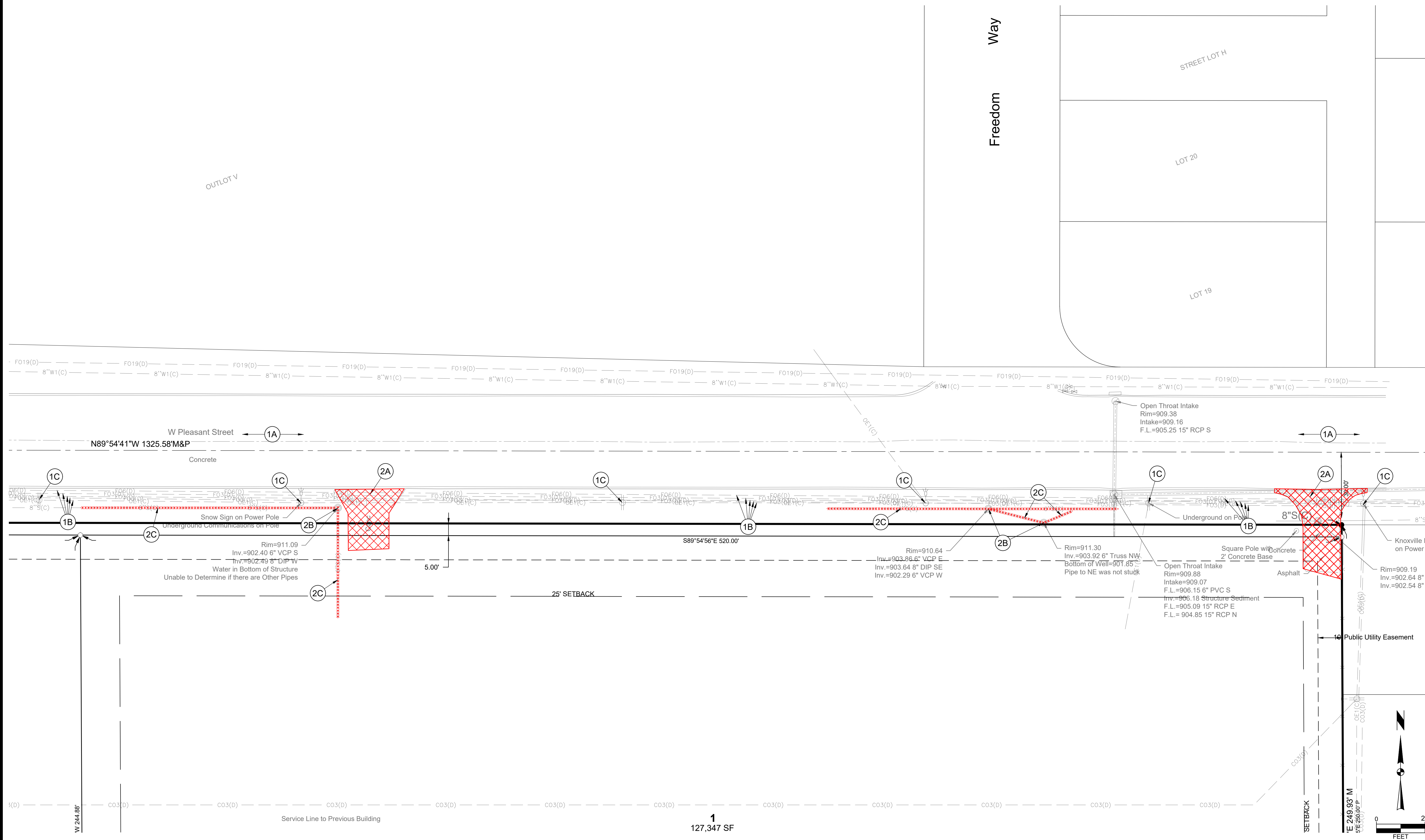
PAVEMENT REMOVAL

-X·X·X·X·X·X- UTILITY REMOVAL

1. EXISTING FEATURES, PROTECT THE FOLLOWING:

- A. PAVEMENTS TO REMAIN. SAW CUT ALL PAVEMENTS TO FULL DEPTH AT REMOVAL LIMIT TO AVOID DAMAGE TO ADJACENT PAVEMENTS. ANY DAMAGE TO PAVEMENT SHALL BE REPAIRED AT CONTRACTORS EXPENSE. DAMAGE ANY PAVEMENT PANELS SHALL REQUIRE FULL PANEL REPLACEMENT.
- B. PROTECT EXISTING UTILITIES. VERIFY LOCATION PRIOR TO CONSTRUCTION. ANY DAMAGE TO UTILITIES DUE TO CONSTRUCTION SHALL BE REPAIRED AT CONTRACTORS EXPENSE. ADJUST EXISTING UTILITIES WHEN REQUIRED TO MATCH PROPOSED GRADE.
- C. EXISTING UTILITY POLE.

2. DEMOLITION, REMOVE THE FOLLOWING:
 - A. PAVEMENT. (BY OTHERS).
 - B. REMOVE EXISTING SANITARY SEWER MANHOLE. (BY OTHERS).
 - C. REMOVE EXISTING SEWER SERVICE. (BY OTHERS).



\\Projects\2024\124_0983.0\1\CADD\CD01 1240983 DEMO dwg JUSTIN STROM. DEMOLITION PLAN 2025/02/19 5:04 PM. ANSI FULL BLEED D (34.00 X 22.00 INCHES)

VETERAN'S DISTRICT PLAT 2

DEMOLITION PLAN

KNOXVILLE, IOWA

2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

SNYDER & ASSOCIATES, INC.



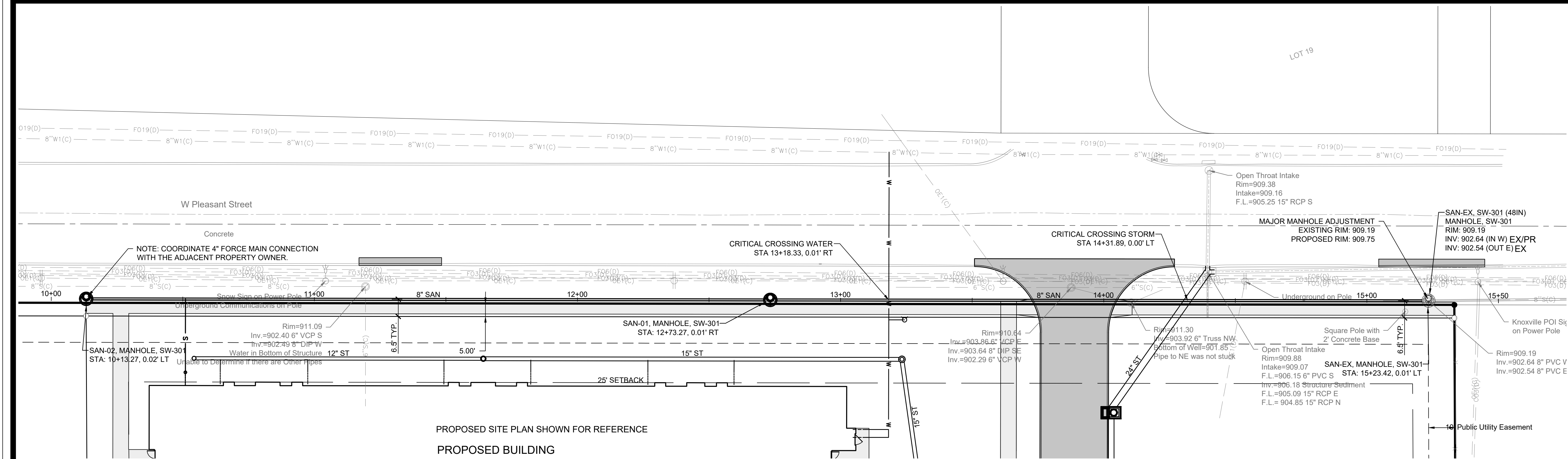
Project No: 124.0983.01

Sheet C102

Project No: 124.0983.01

Sheet C102

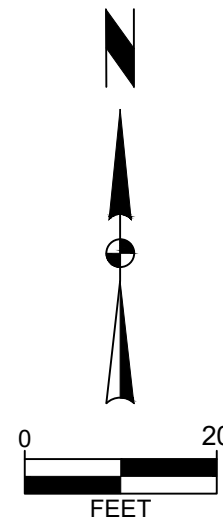
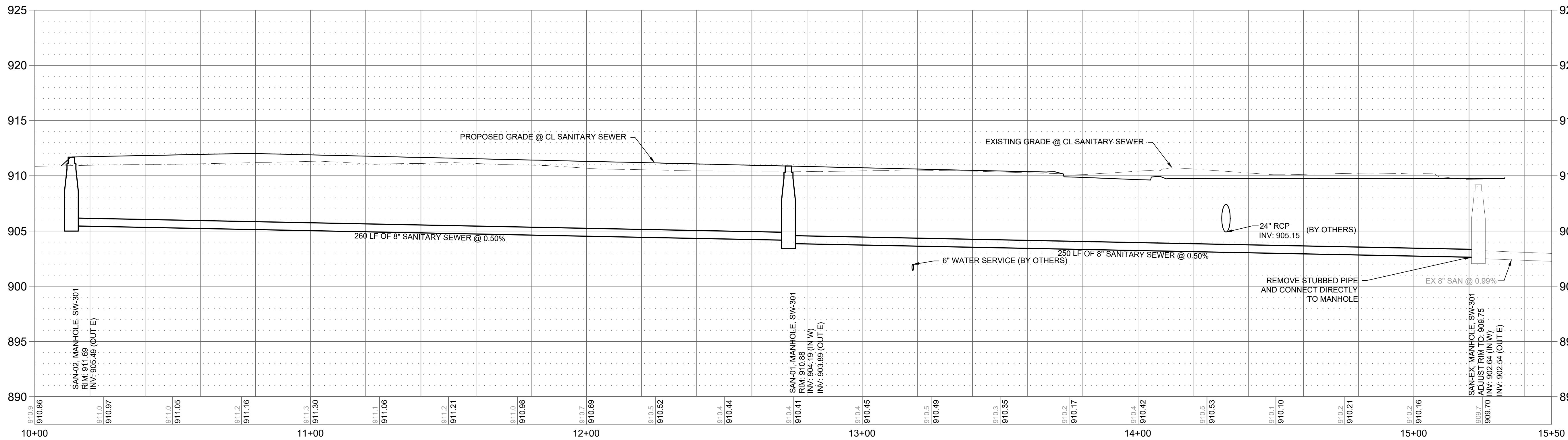
V:\Projects\2024\124.0983\124.0983.DWG JUSTIN STROM SANITARY SEWER PLAN AND PROFILE 2025/02/19 5:04 PM, ANS FULL BLEED D (34.00 X 22.00 INCHES)



NOTES

- UTILITY WARNING: THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. VERIFY LOCATION OF ALL UTILITIES BEFORE CONSTRUCTION.
- CONSTRUCTION OF ALL STREET AND UTILITY IMPROVEMENTS SHALL BE CONSTRUCTED UTILIZING THE SUDAS STANDARD SPECIFICATIONS, 2025 EDITION AND THE CITY OF KNOXVILLE GENERAL SUPPLEMENTAL SPECIFICATIONS.
- ALL BACKFILL AND SUBGRADE SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR AND SHALL BE WITHIN A RANGE OF -1% TO +4% OF THE MATERIALS OPTIMUM MOISTURE CONTENT.
- RIM ELEVATIONS ARE SHOWN FOR REFERENCE PURPOSES ONLY. CONTRACTOR TO ADJUST RIM AS NECESSARY TO MEET SPECIFIC CONSTRUCTION REQUIREMENTS.

- ALL SANITARY MANHOLES SHALL BE TYPE SW-301 UNLESS NOTED OTHERWISE. ALL MANHOLES SHALL HAVE TYPE 'B' CASTING UNLESS NOTED OTHERWISE.
- ALL PIPE ANGLES ARE EITHER 90 OR 180 DEGREES AT MANHOLES UNLESS NOTED OTHERWISE.
- CONTRACTOR TO ADD ConShield® ADMIXTURE TO SANITARY SEWER STRUCTURE MIX DESIGN PER CITY OF KNOXVILLE REQUIREMENTS.



VETERAN'S DISTRICT PLAT 2

SANITARY SEWER PLAN AND PROFILE



Project No: 124.0983.01

Sheet C200

KNOXVILLE, IOWA

2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

SNYDER & ASSOCIATES, INC. |

KNOXVILLE, IOWA

2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

SNYDER & ASSOCIATES, INC. |

MARK	REVISION	DATE	BY
Engineer: KS	Checked By: JFS	Scale: 1" = 20'	
Technician: KS	Date: MM-DD-YYYY	T-R-S: TTN+RRW-SS	
Project No: 124.0983.01			Sheet C200

IOWA DEPARTMENT OF NATURAL RESOURCES
CERTIFICATION OF COMPLETION OF CONSTRUCTION

In accordance with 567 IAC 64.2(11) I hereby certify that the project approved by the permit below was completed in accordance with approved plans and specifications.

DNR CONSTRUCTION PERMIT NUMBER(s):

2025-0242S

ISSUED TO (Owners named on permit)

City of Knoxville

DATE OF PROJECT COMPLETION

SIGNATURE OF LICENSED PROFESSIONAL ENGINEER

Please email completed form to:

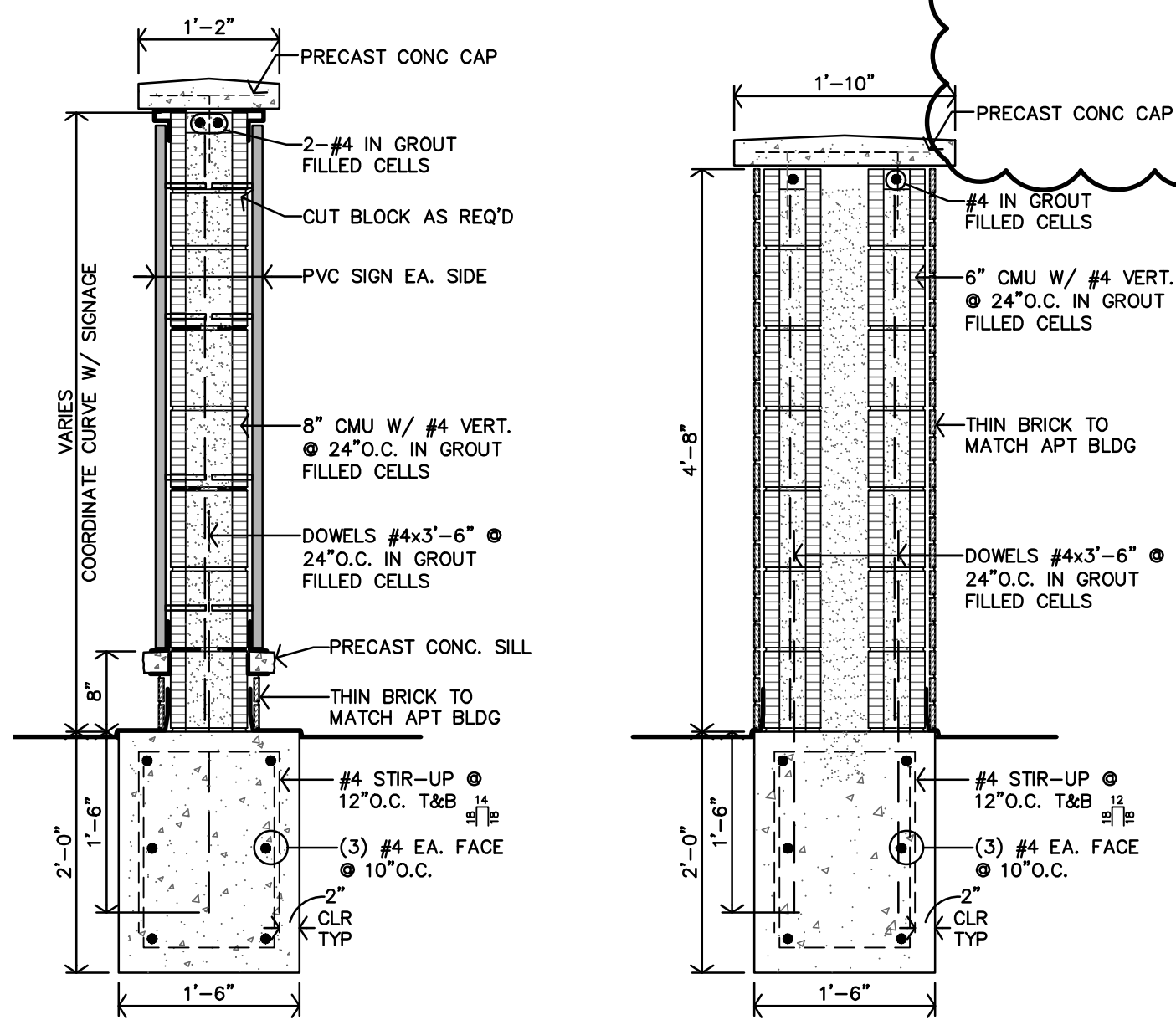
Wastewater-Engineering@dnr.iowa.gov

Or Fax to:

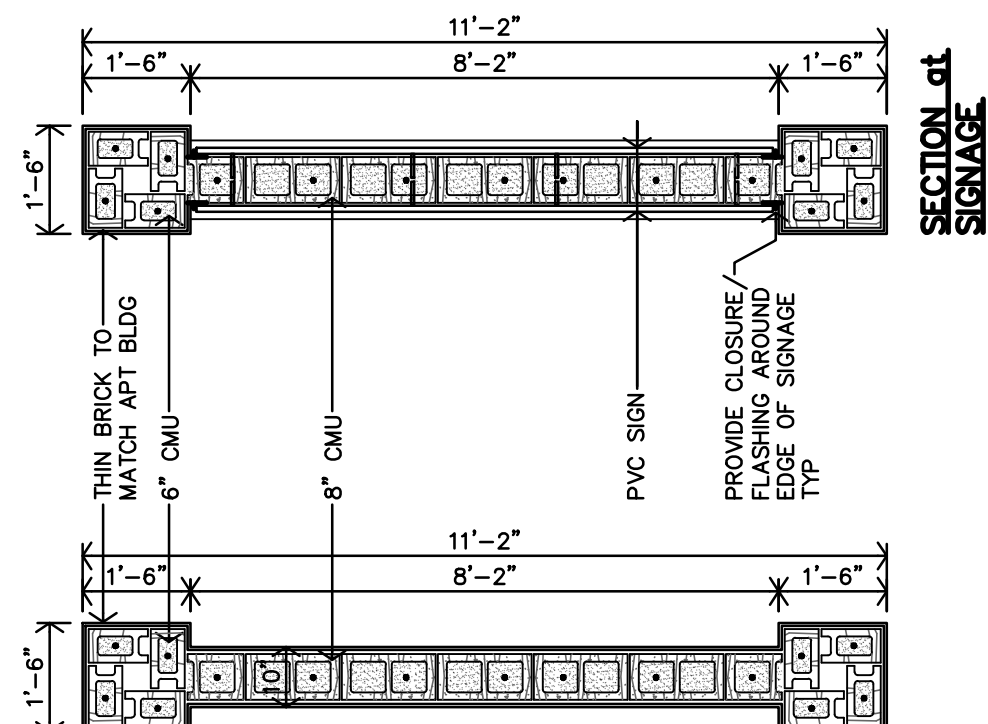
515-725-8201

Or mail to:

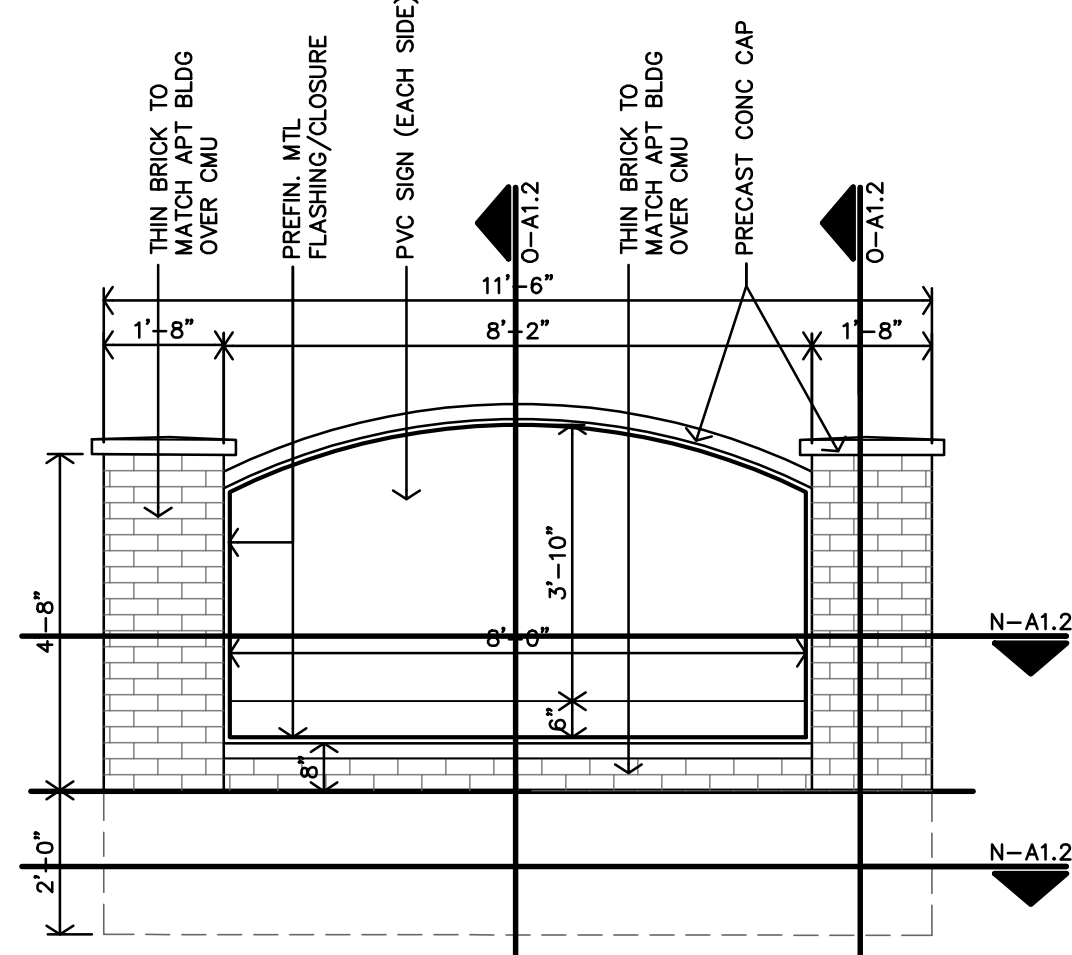
WASTEWATER ENGINEERING SECTION
IOWA DNR
6200 PARK AVE STE 200
DES MOINES IA 50321



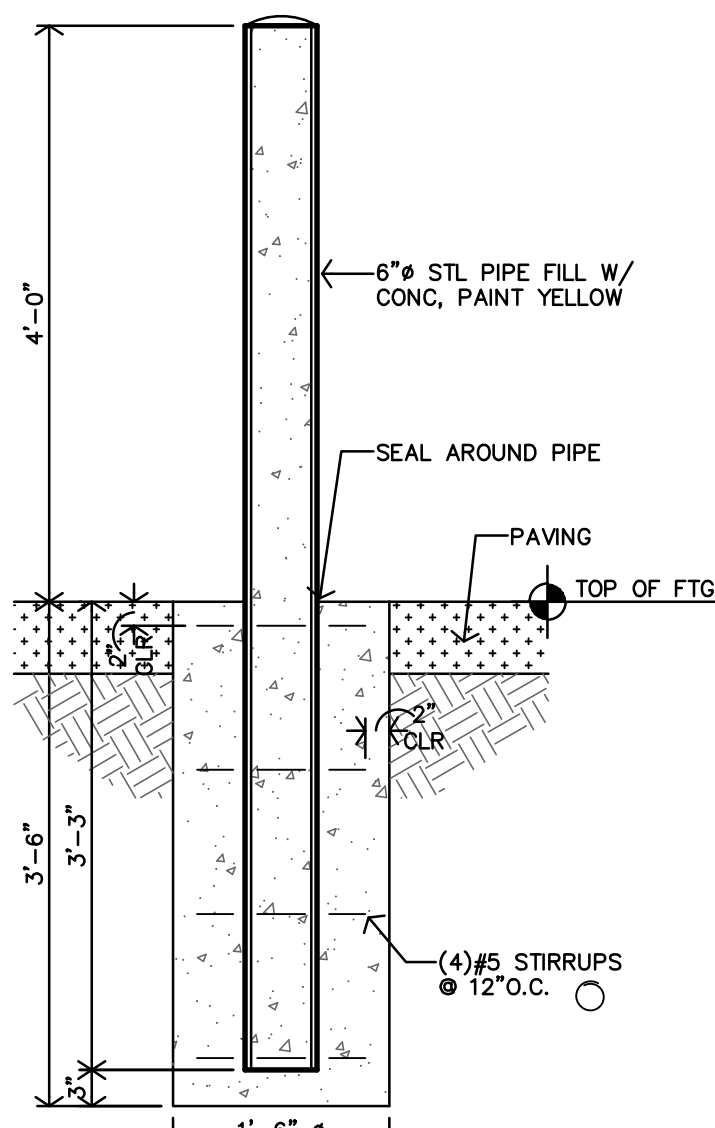
O MONUMENT SIGN WALL SECTION
3/4"=1'-0"



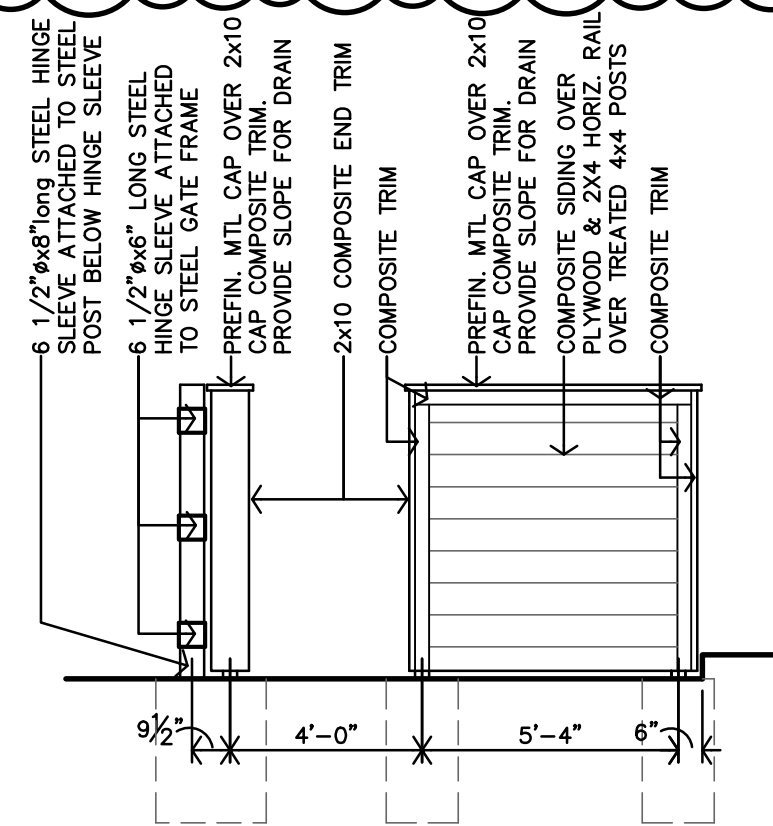
N MONUMENT SIGN PLAN
3/8"=1'-0"



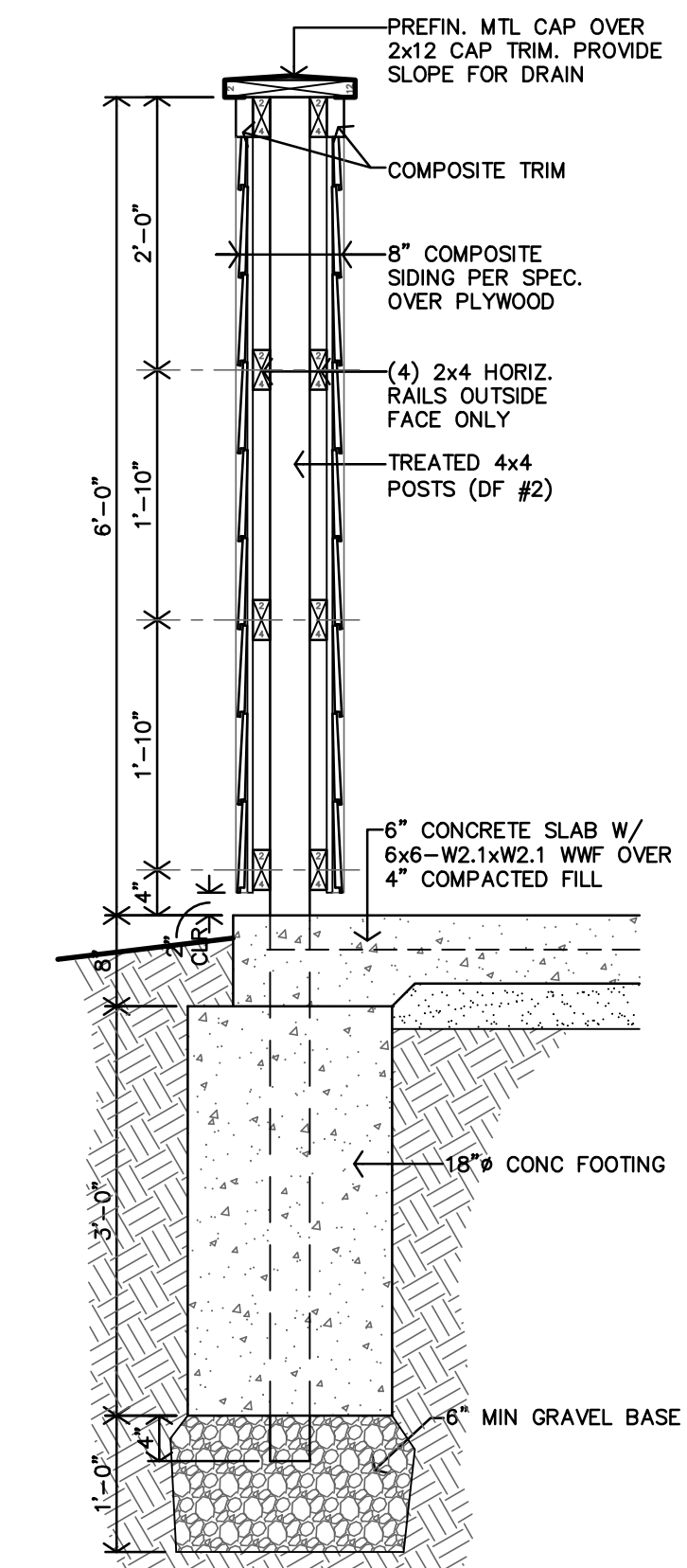
M MONUMENT SIGN ELEVATION
3/8"=1'-0"



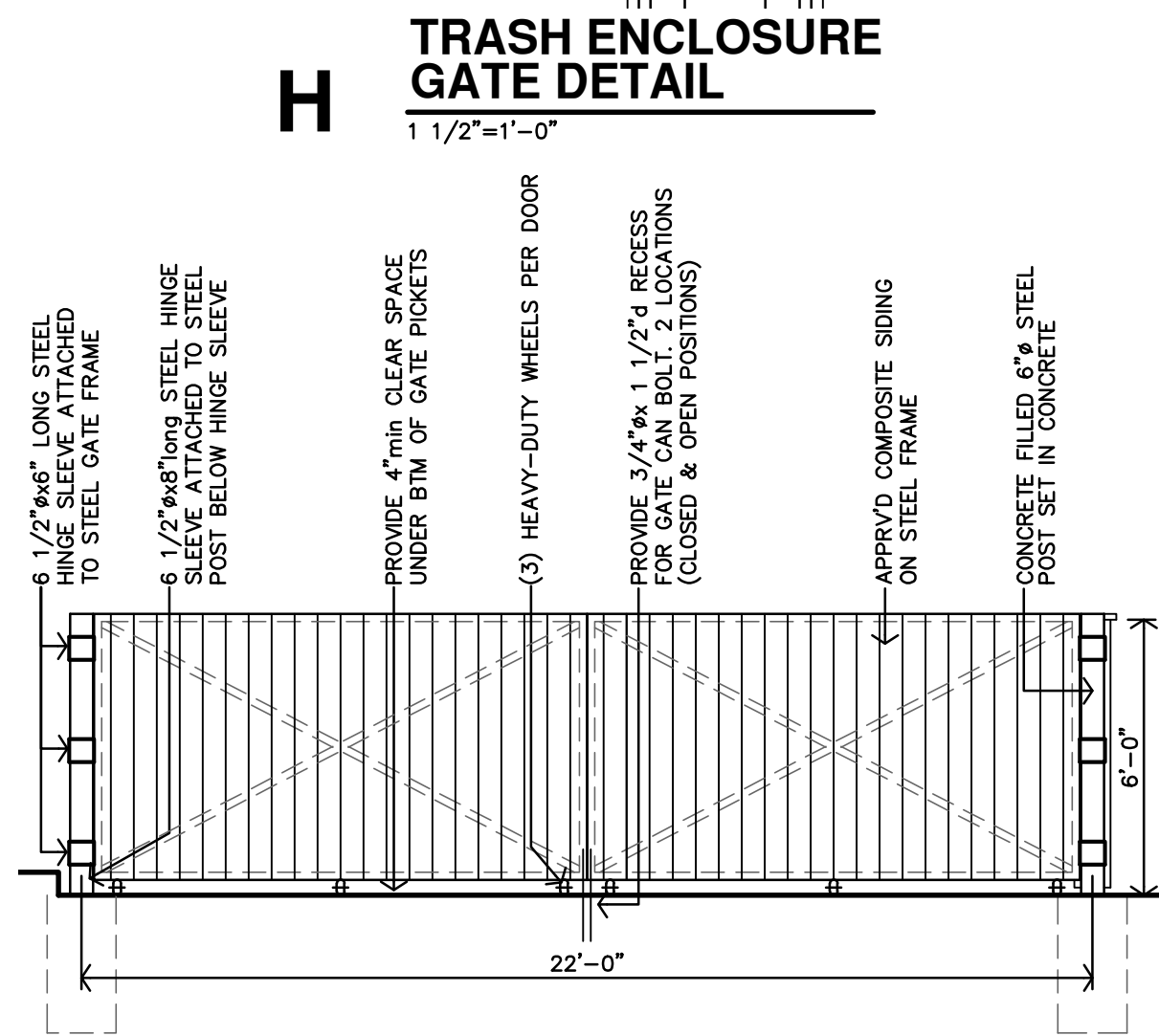
K BOLLARD DETAIL
3/4"=1'-0"



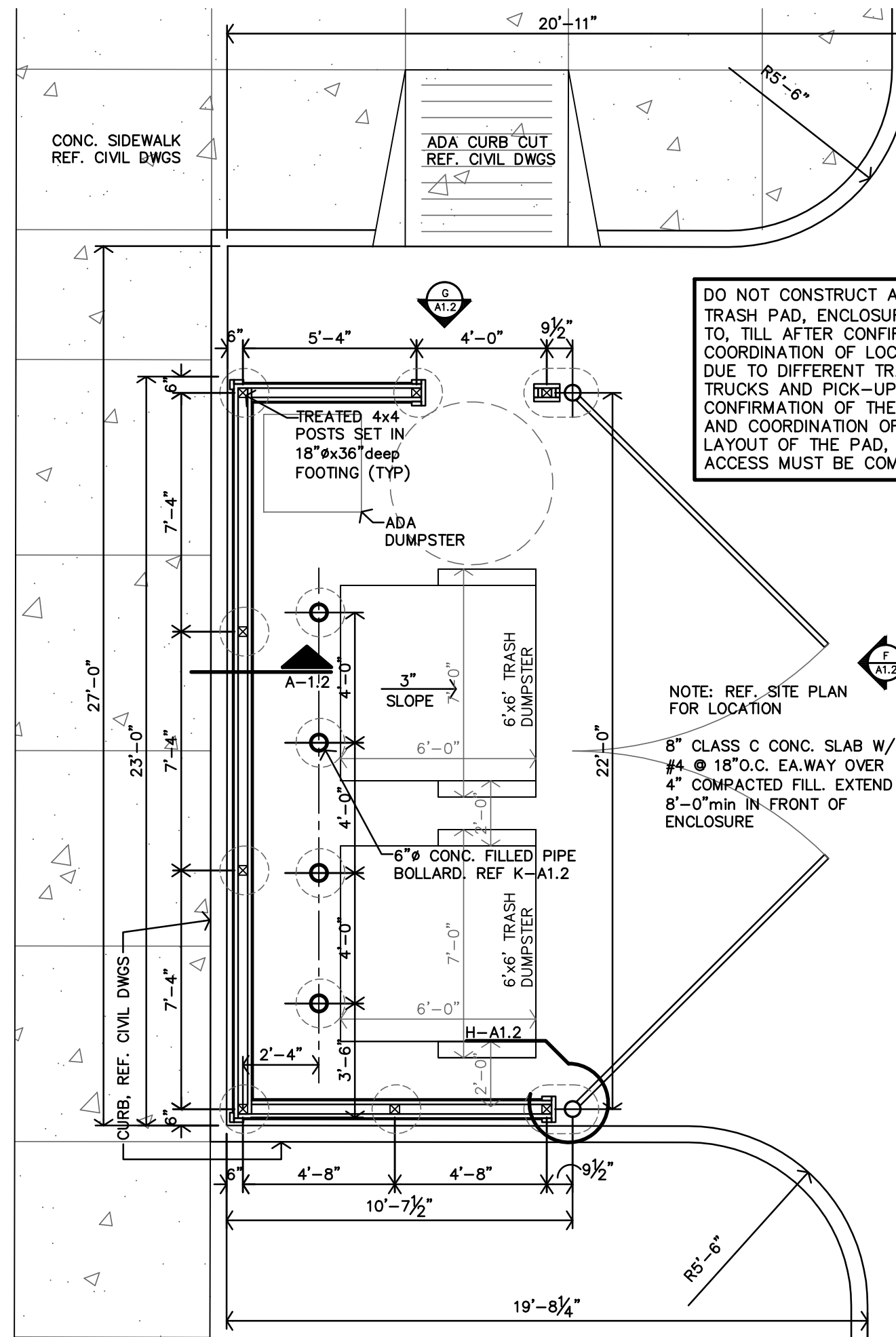
G TRASH ENCLOSURE SIDE ELEVATION
1/4"=1'-0"



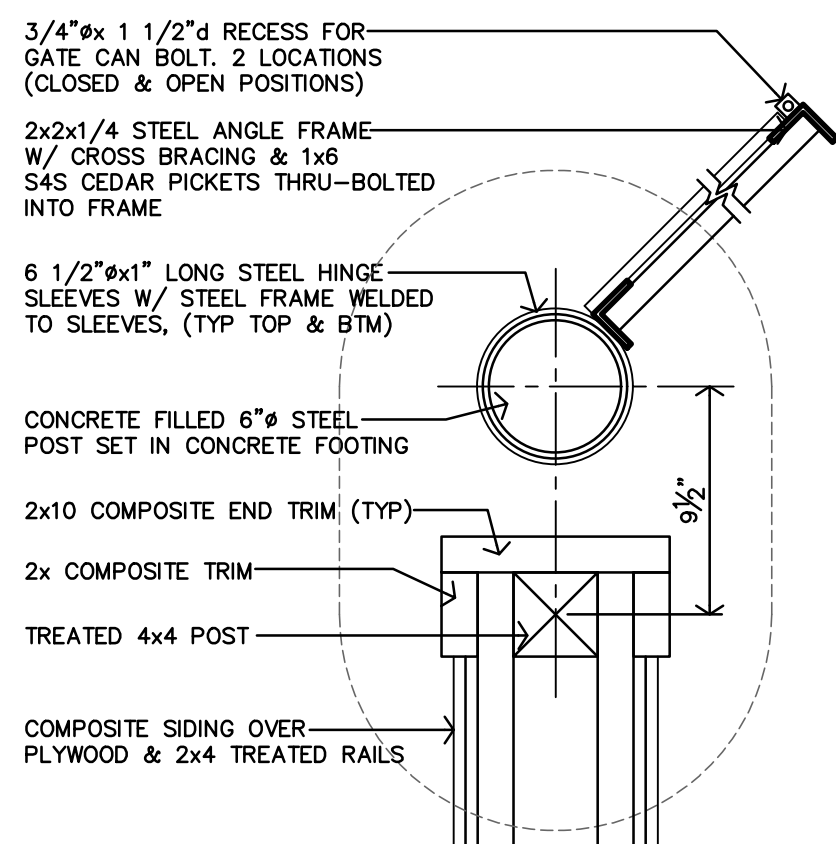
J TRASH ENCLOSURE SECTION
3/4"=1'-0"



F TRASH ENCLOSURE FRONT ELEVATION
1/4"=1'-0"



E ENLARGED TRASH ENCLOSURE PLAN
1/4"=1'-0"



H TRASH ENCLOSURE GATE DETAIL
1 1/2"=1'-0"



D DOG WASTE STATION
NO SCALE

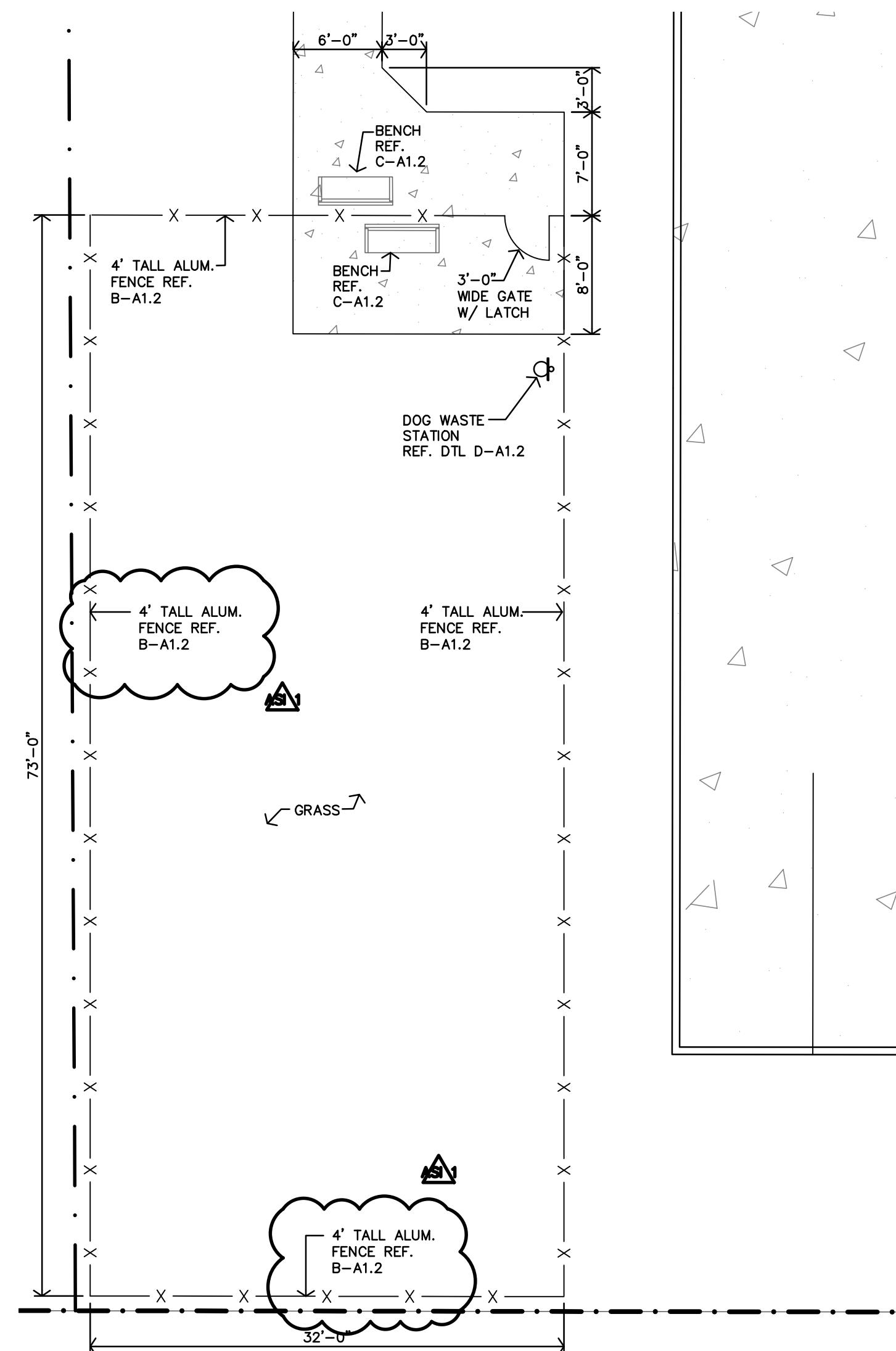


POLYWOOD TRADITIONAL GARDEN 60" BENCH
2 TOTAL
COLOR TBD BY ARCHITECT/OWNER

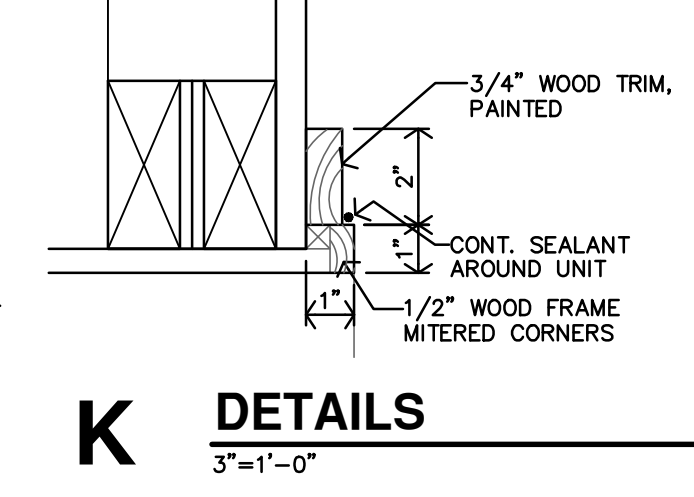
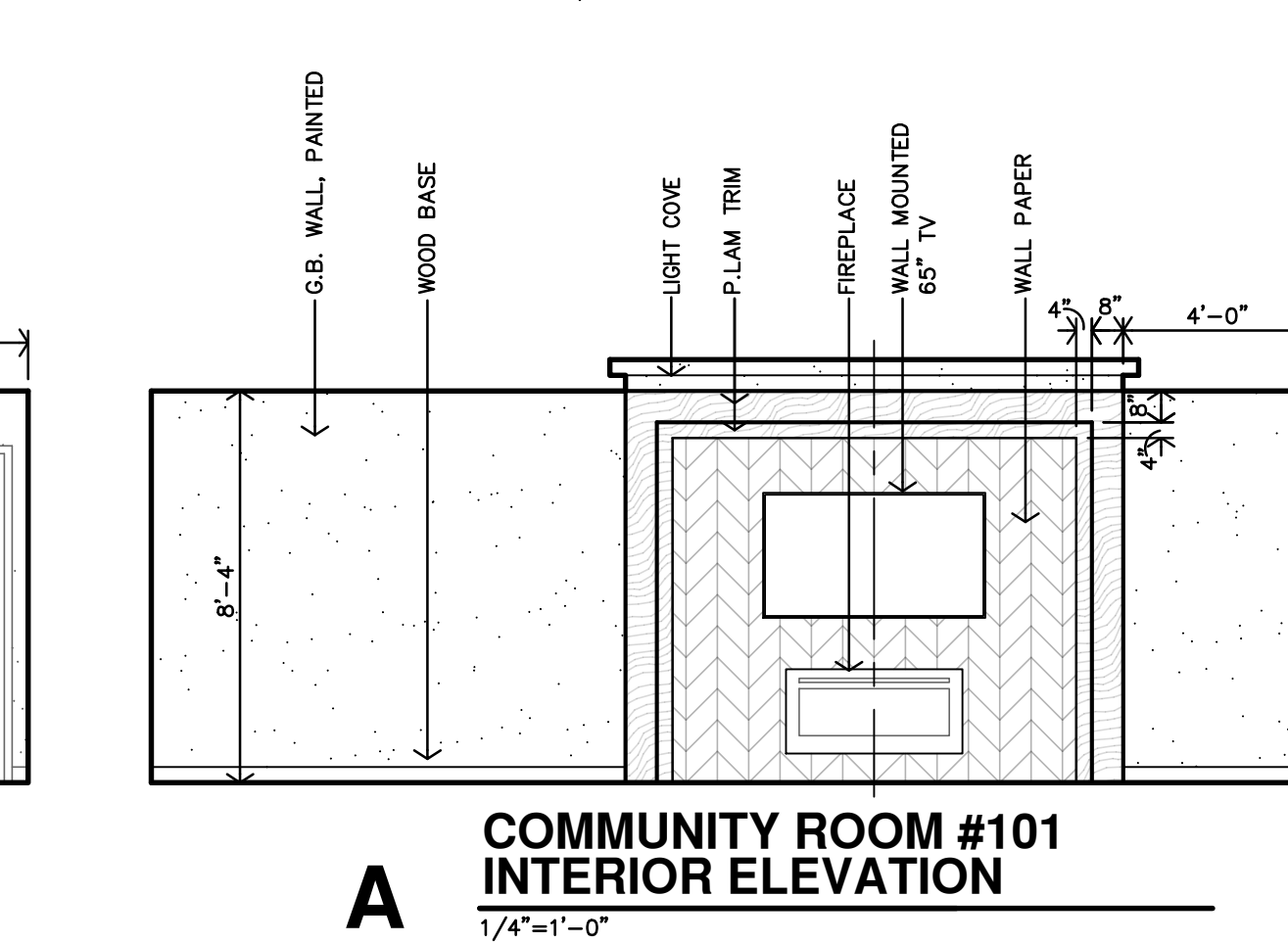
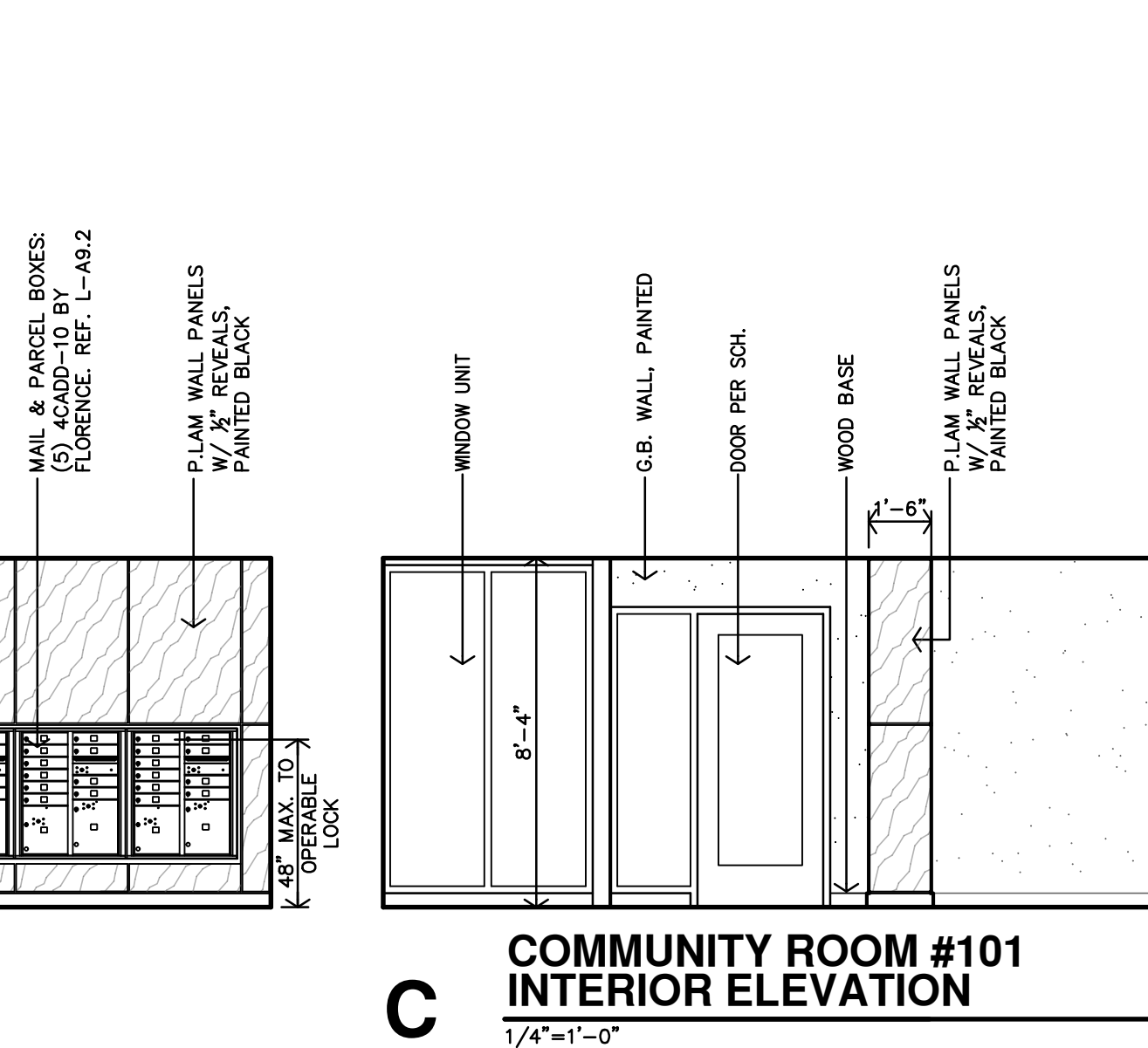
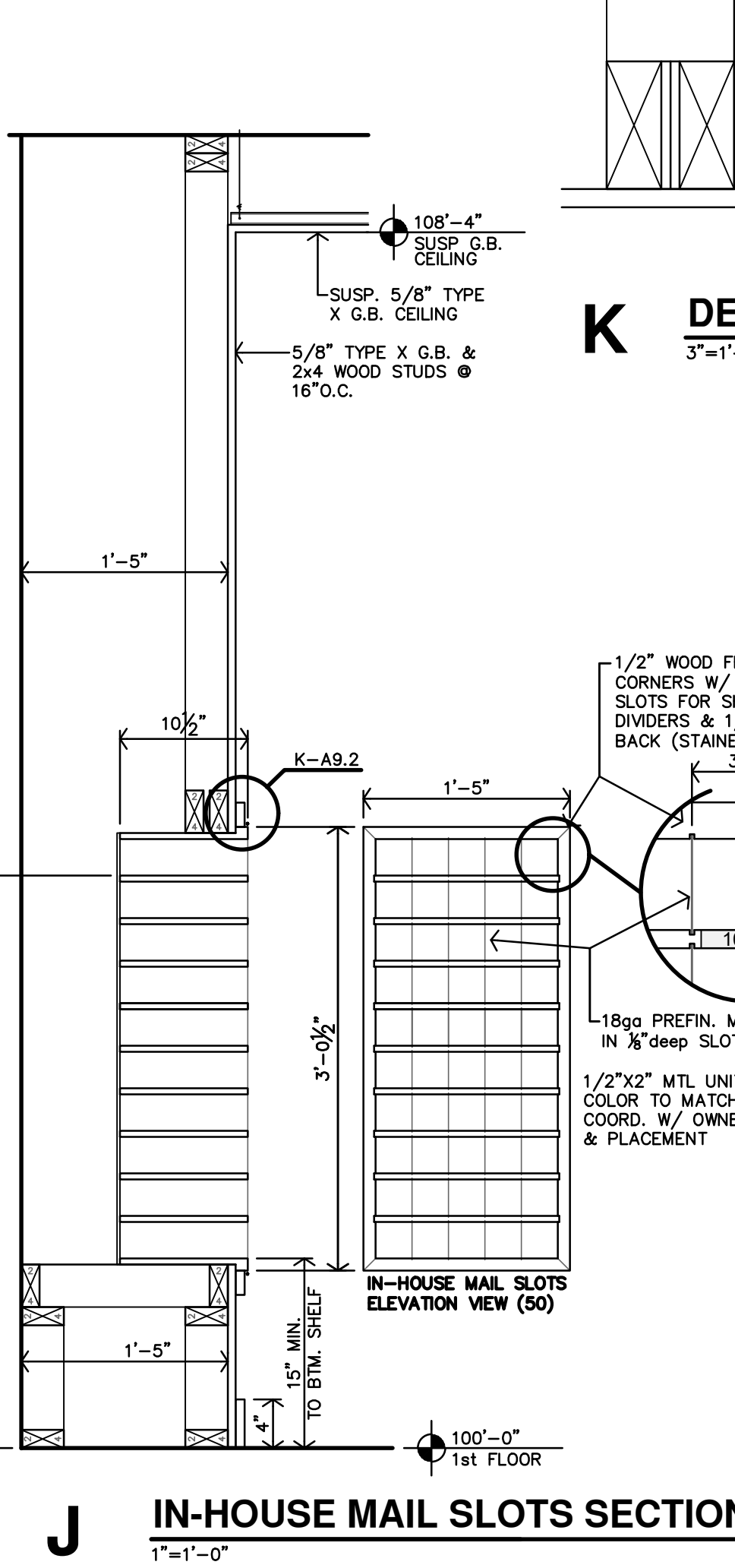
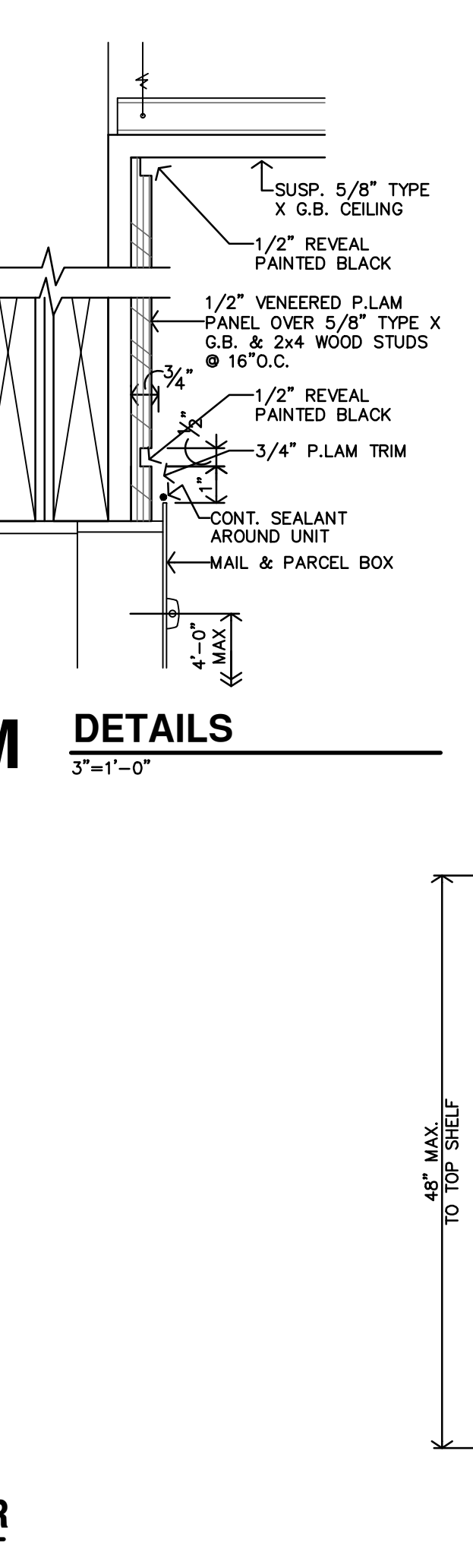
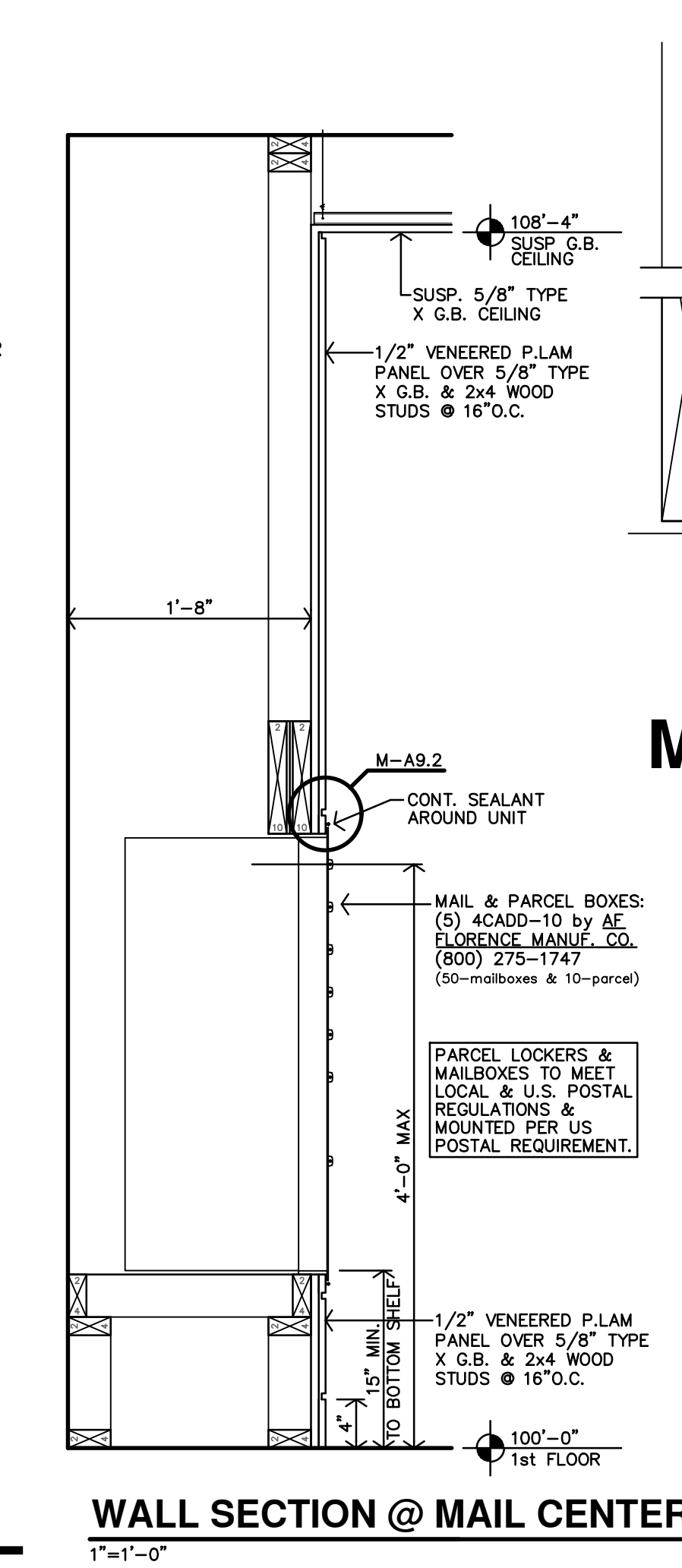
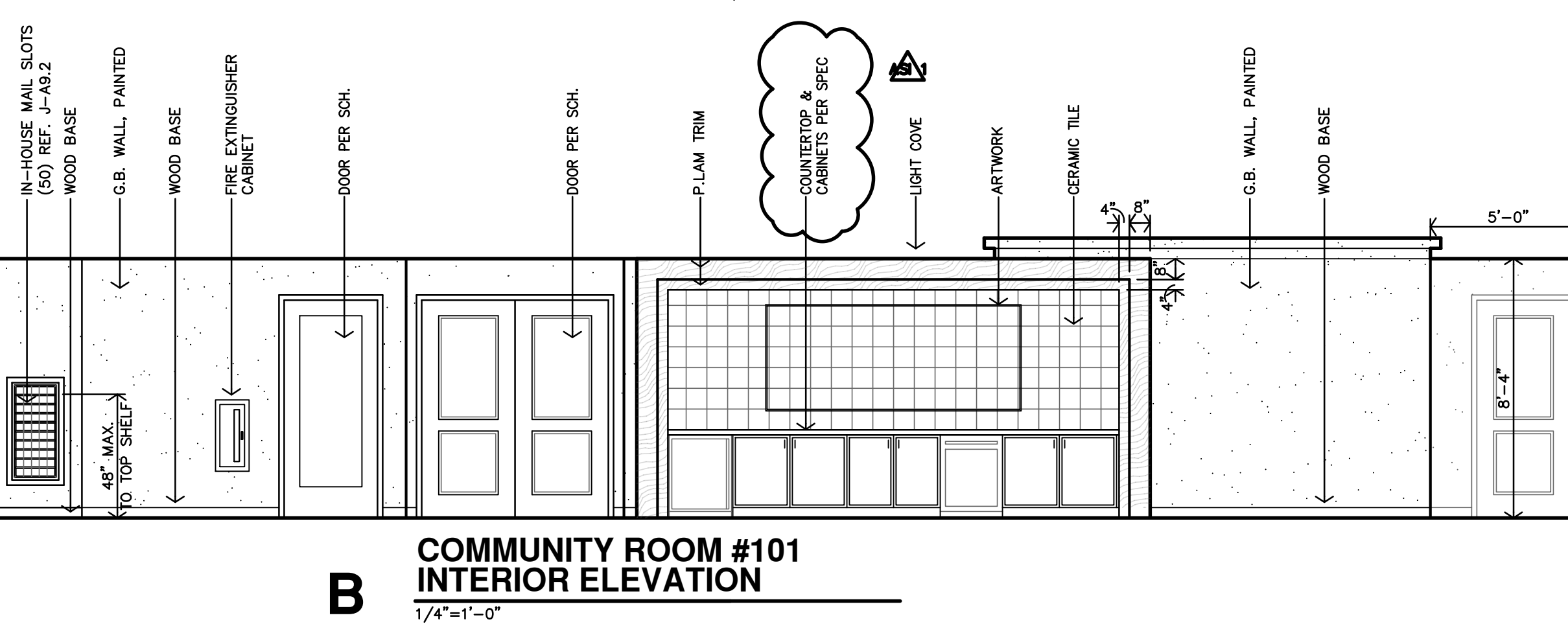
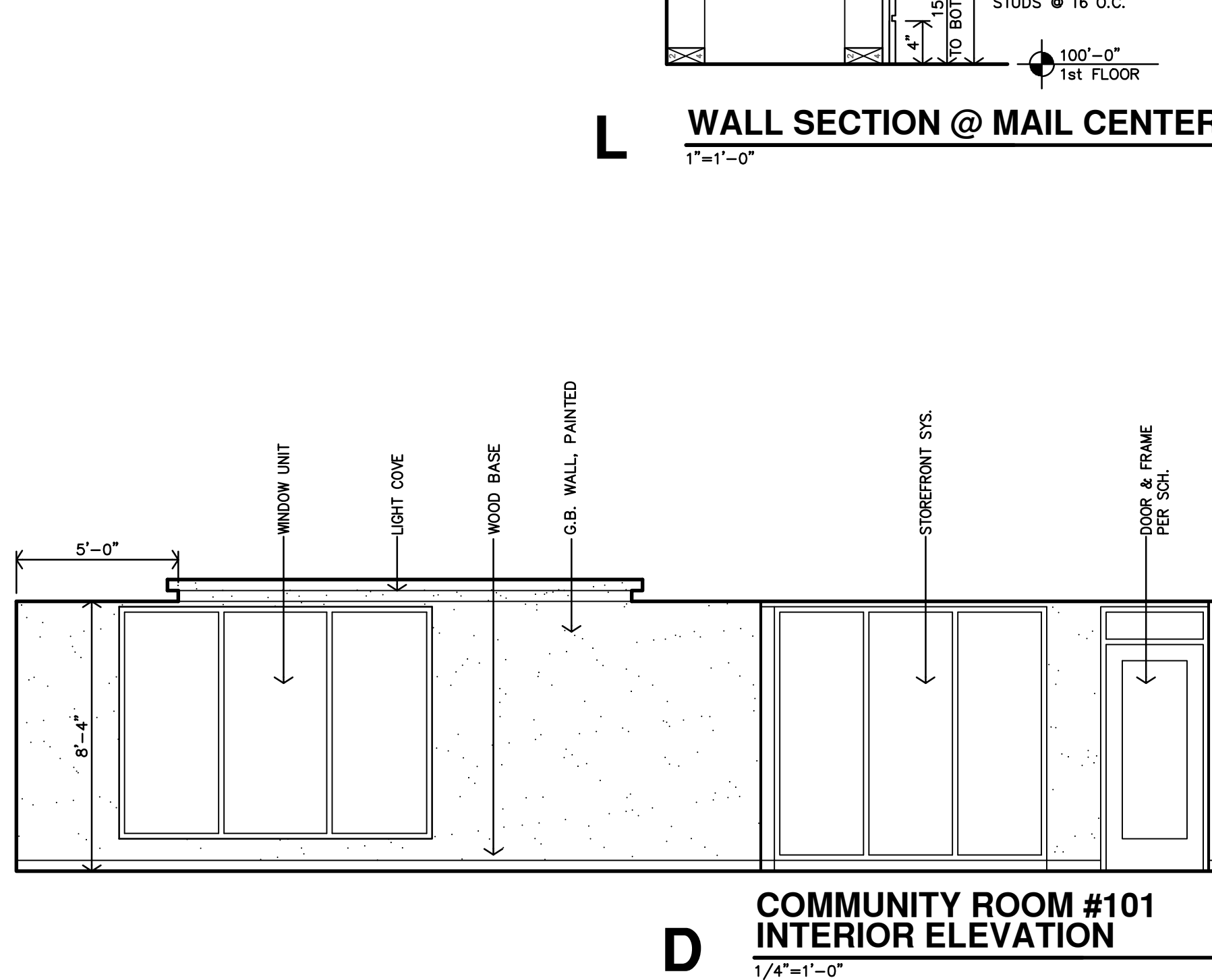
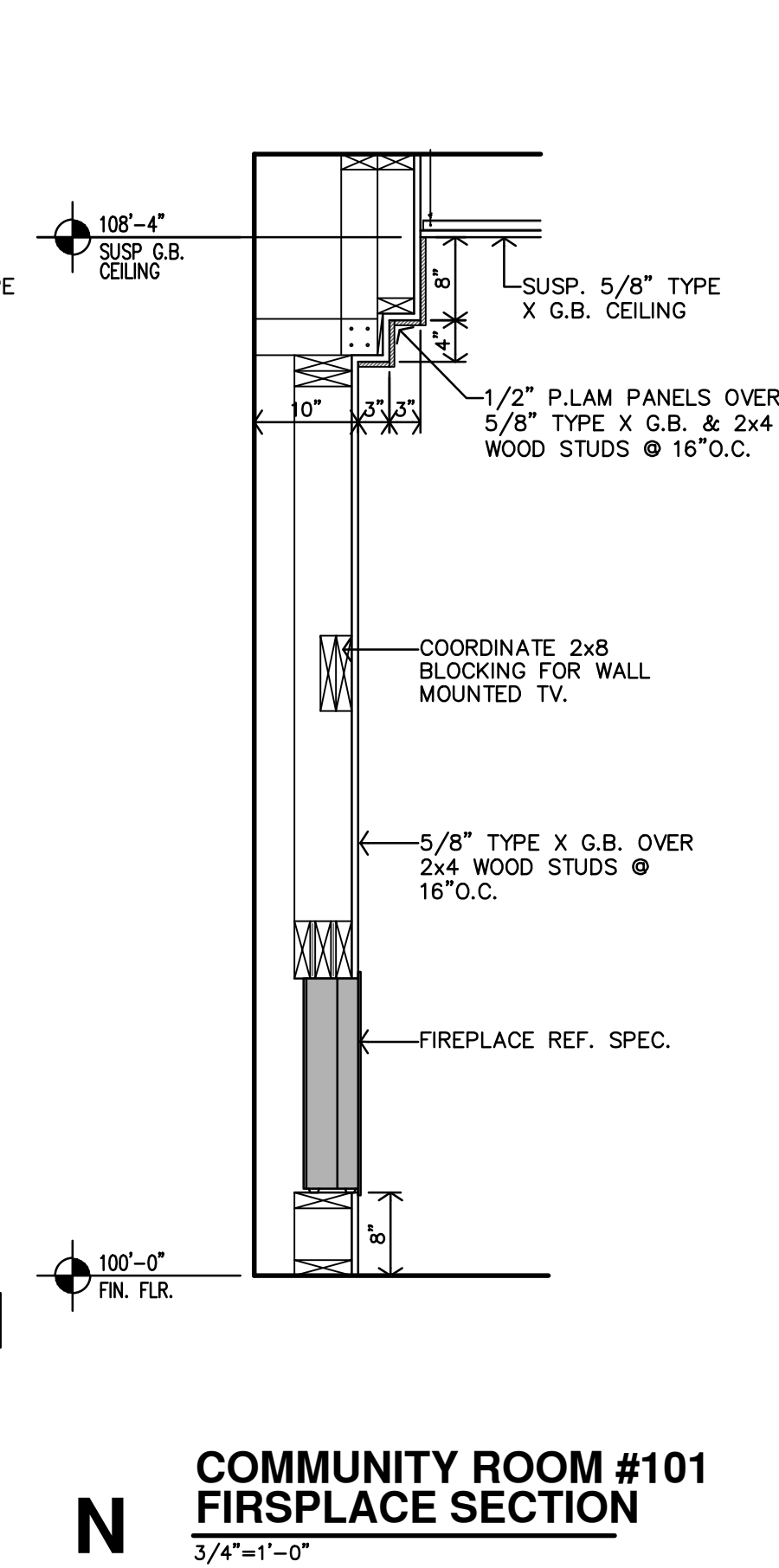
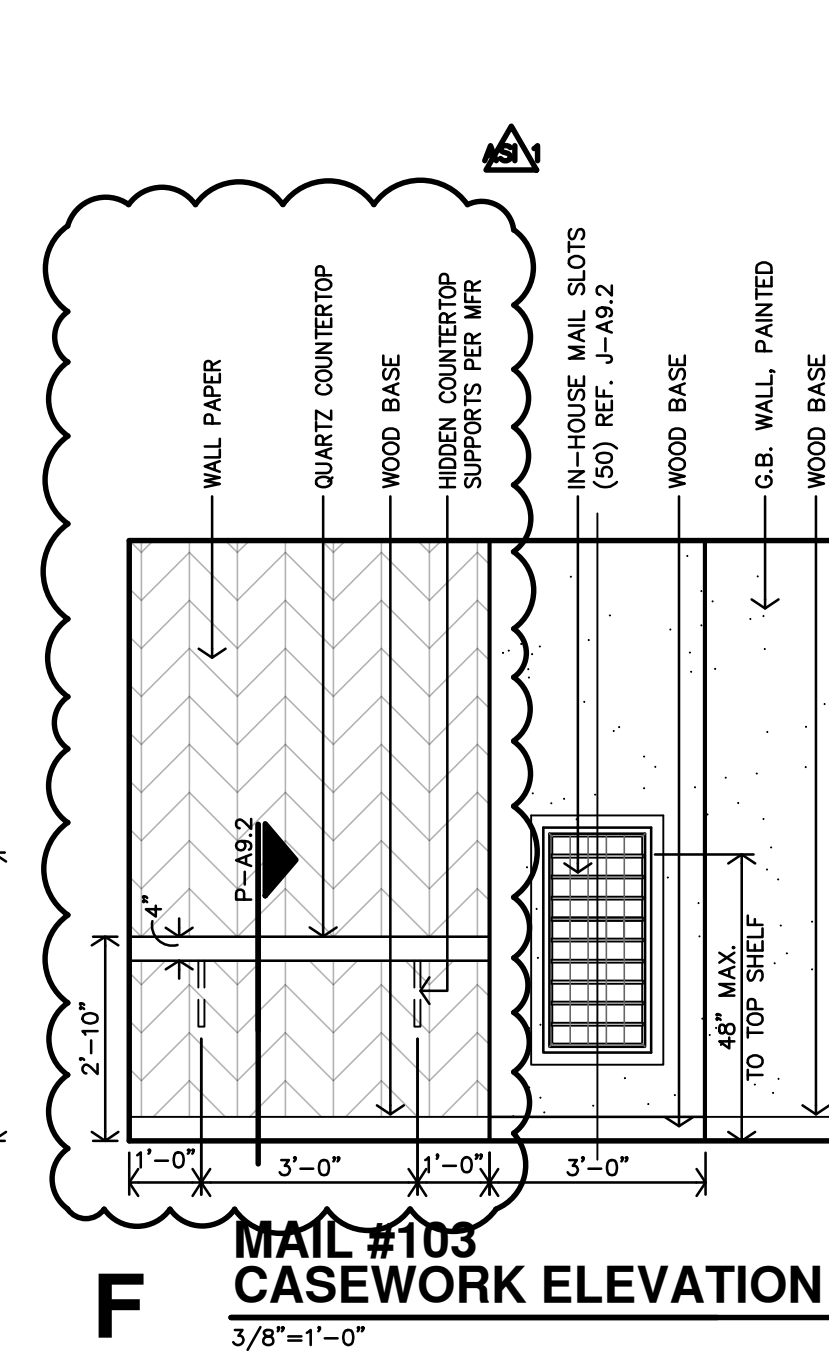
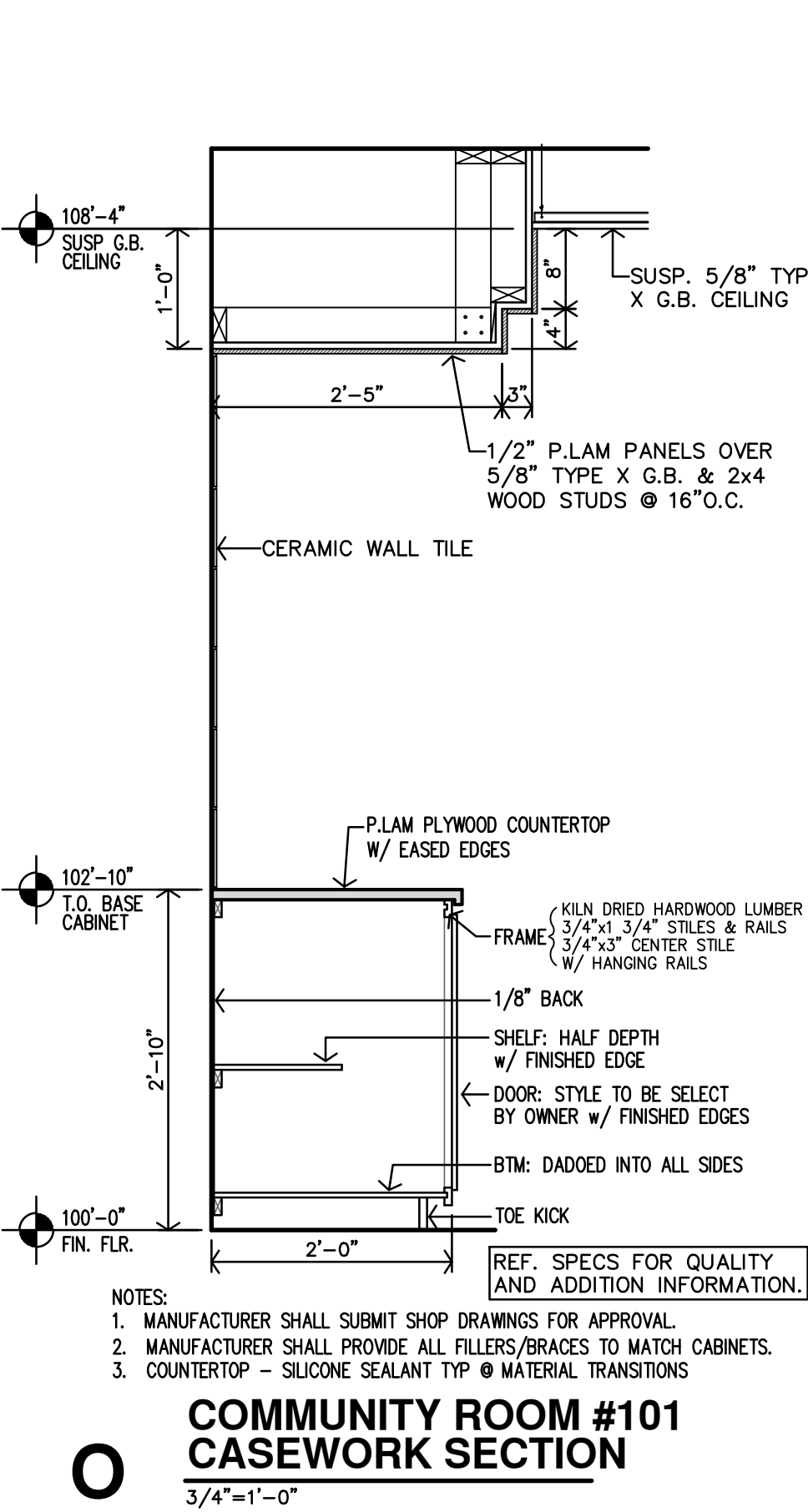
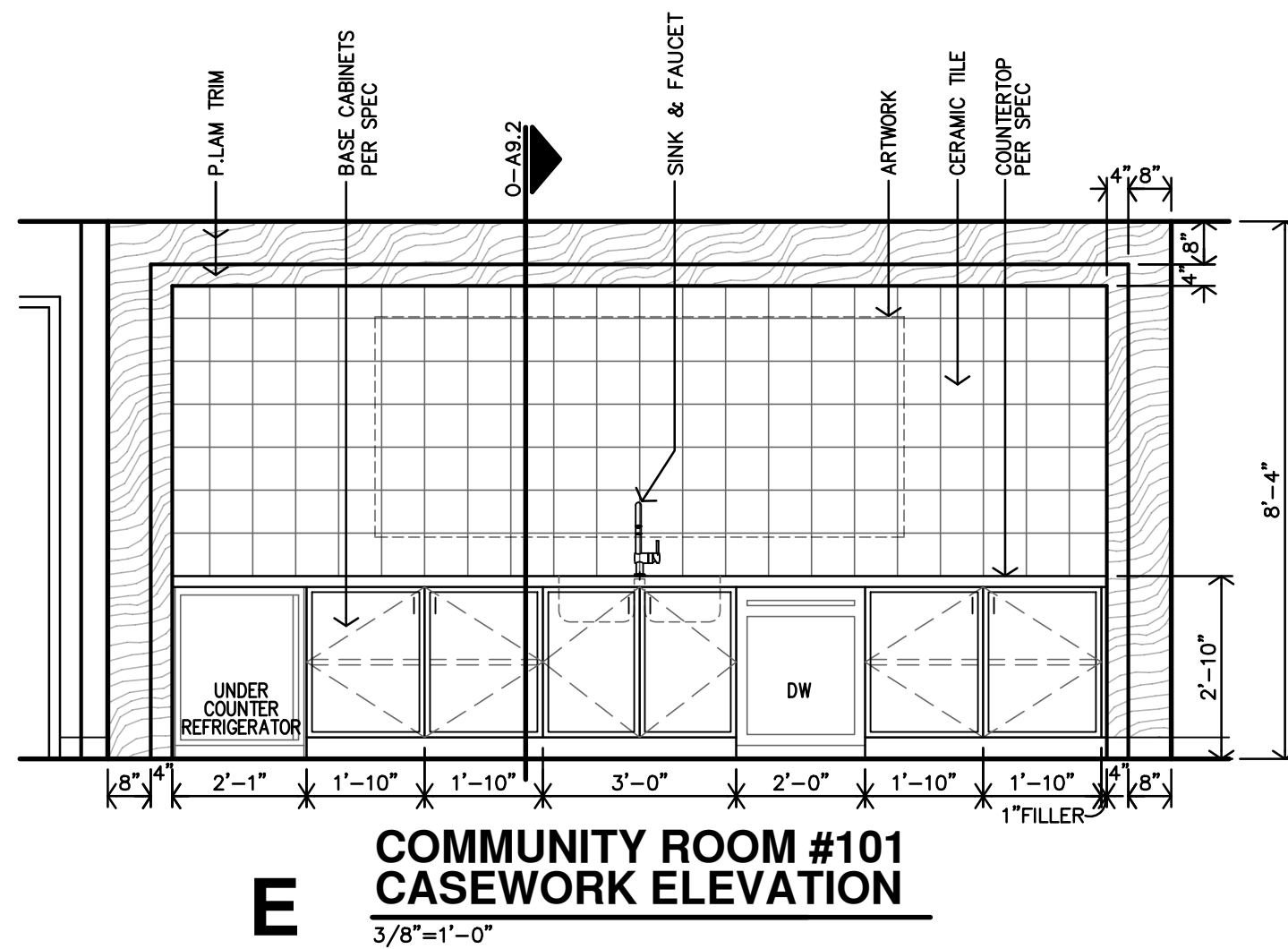
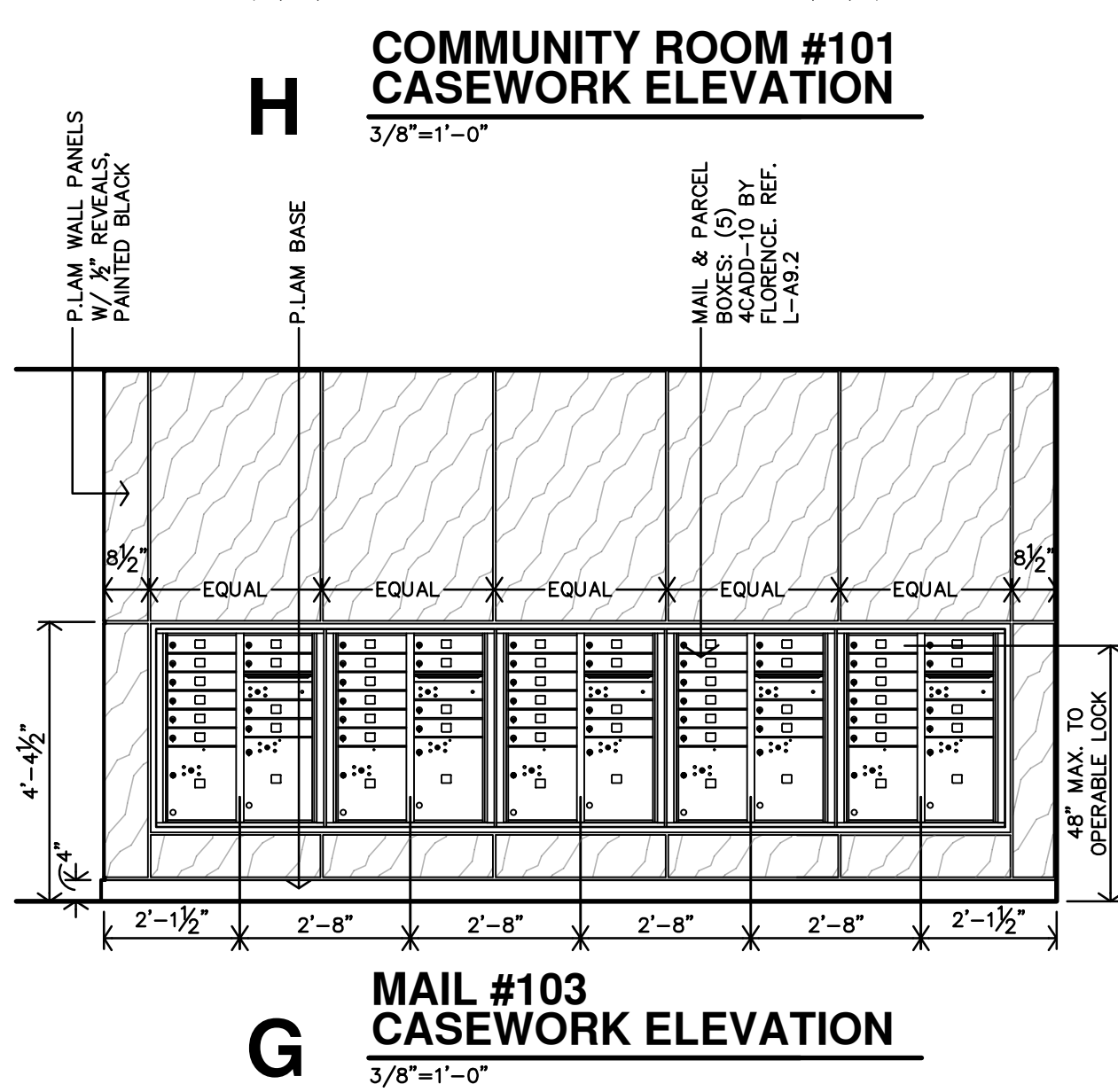
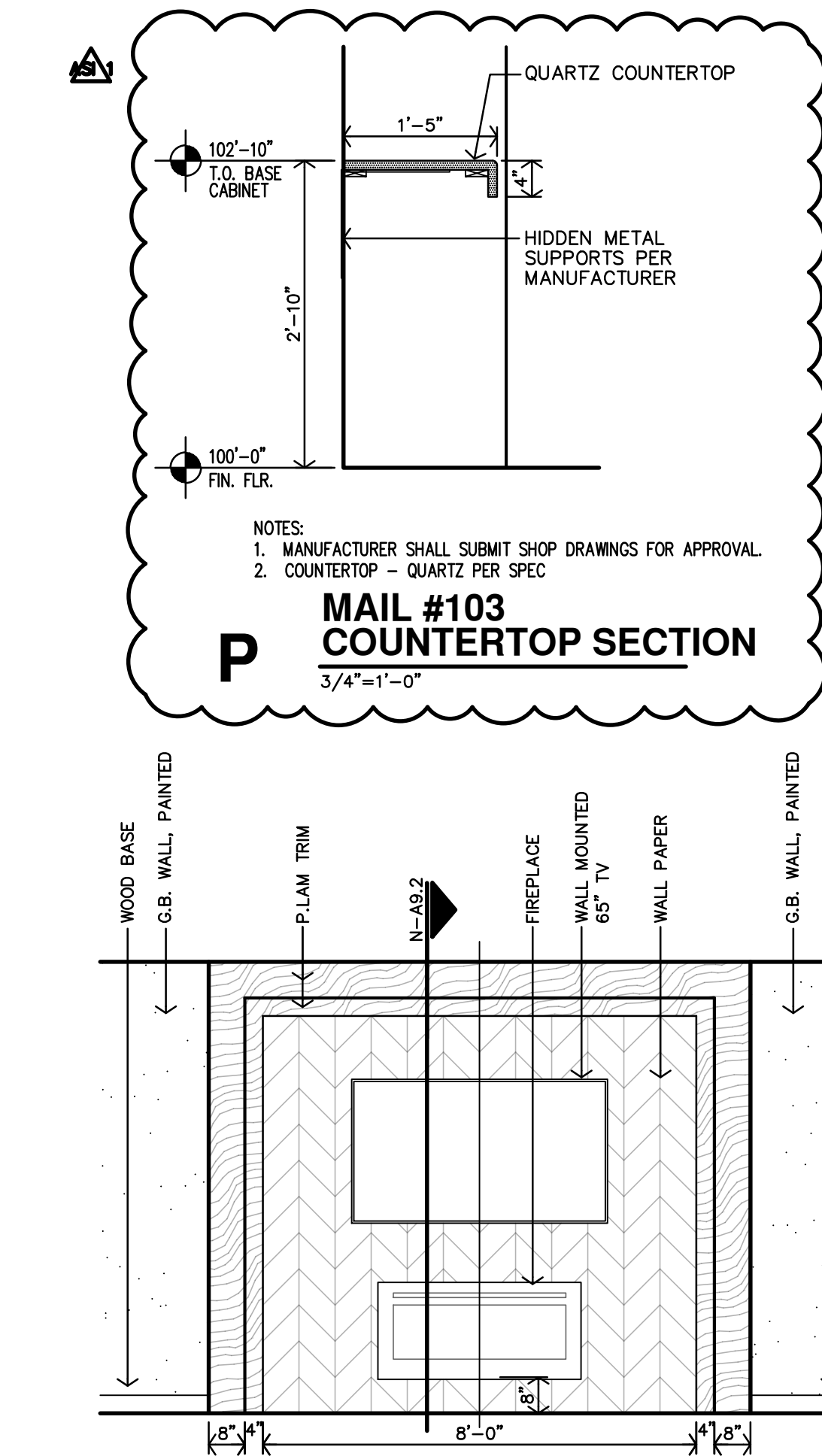
C OUTDOOR BENCH
NO SCALE

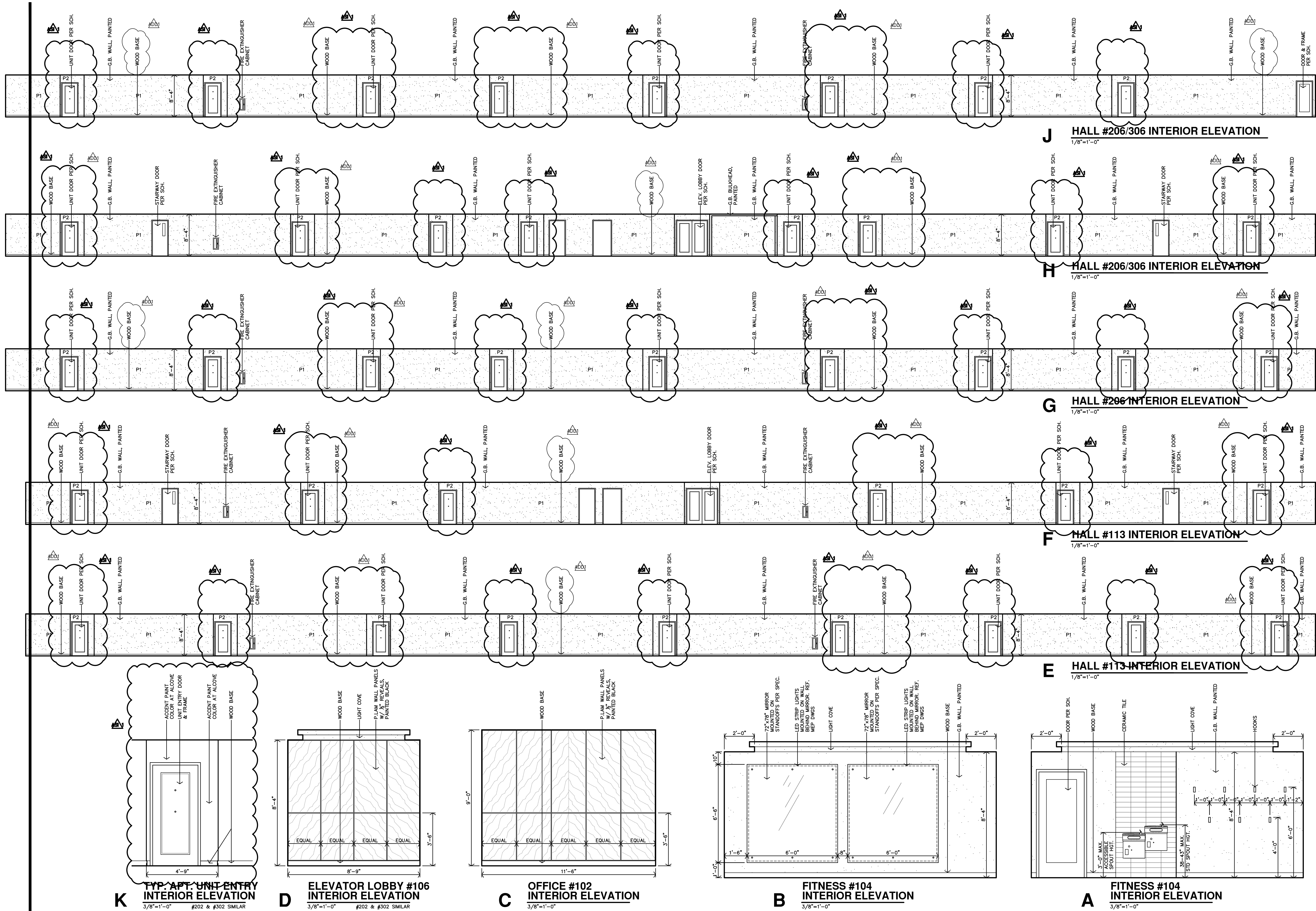


B TYPICAL IMAGE OF 4'-0" tall ALUM. FENCE - DOG PARK
NO SCALE



A ENLARGED DOG PARK PLAN
1/8"=1'-0"





REVISION:	
	2-14-2025
	4-2-2025
DATE:	1-31-2025
JOB:	24-3400
SHEET NO.:	