MYSTIC WATER WORKS MODULAR

2 Capen Court. Somerville, MA 02145

Permit Set Dec 15, 2022

	DRAWING LIST				
NO.	NAME	SD	DD	CD CHECK SET	PERMI SET
GENERAL					
G-000	COVER	•	•	•	•
G-001	GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS	•	•	•	•
G-003	CODE SUMMARY	•	•	•	•
G-004 G-005	FIRE SEPARATION & EGRESS DIAGRAMS COMPARTMENTAL- IZATION AND EXTERIOR AIR BARRIER DIAGRAMS	•	•	•	•
G-005 G-006	COMPARTMENTAL- IZATION AND EXTERIOR AIR BARRIER DIAGRAMS COMPARTMENTAL- IZATION AND EXTERIOR AIR BARRIER DETAILS			•	•
G-007	MODULE LAYOUT			•	•
GEOTECH					
SSV-1	SUBSLAB VENTING SYSTEM GENERAL NOTES			•	•
SSV-2	SUBSLAB VENTING SYSTEM SYSTEM LAYOUT SLAB PLAN & LEVEL 1			•	•
SSV-3	SUBSLAB VENTING SYSTEM SYSTEM LAYOUT LEVEL 2 & LEVEL 3			•	•
SSV-4 SSV-5	SUBSLAB VENTING SYSTEM AIR EXHAUST ROOF PLAN SUBSLAB VENTING SYSTEM SYSTEM DETAILS			•	•
SSV-5	SUBSLAB VENTING SYSTEM SYSTEM DETAILS			•	•
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C-102	LAYOUT & MATERIALS PLAN	•	•	•	•
C-103	GRADING AND DRAINAGE PLAN	•	•	•	•
C-501	CIVIL DETAILS	•	•	•	•
C-502	CIVIL DETAILS	•	•	•	•
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L-101 L-201	LANDSCAPE NOTES AND DETAILS	•	•	•	•
L-201	LANDSCAPE DETAILS LANDSCAPE DETAILS	•	•	•	•
STRUCTURAL			1	1	1
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S-002	STATEMENT OF SPECIAL INSPECTIONS		•	•	•
S-003	AXONOMETRIC VIEWS			•	•
S-102	LEVEL 1 & LEVEL 2 FOUNDATION PLANS	•	•	•	•
S-300 S-301	TYPICAL CONCRETE DETAILS CONCRETE DETAILS		•	•	•
S-301	CONCRETE DETAILS			•	•
S-303	CONCRETE DETAILS			•	•
S-500	TYPICAL STEEL DETAILS		•		
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A-102	LEVEL 1 & LEVEL 2 PLANS	•	•	•	•
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A-142	LEVEL 3 FINISH PLANS	•	•	•	•
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A-302	BUILDING SECTIONS	•	•	•	•
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A-404	BATHROOM DETAILS		•	•	•
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A-425	CANOPY FRAMING PLANS			•	•
A-426	CANOPY FRAMING DETAILS			•	•
A-431	ENLARGED PUBLIC RESTROOMS		•	•	•
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A-501	SYSTEM DETAILS	•	•	•	•
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A-505	EXTERIOR DETAILS			•	•
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A-003 A-901	BUILDING RENDERINGS	•	•	•	•
A-902	MODULE DIAGRAMS	•	•	•	•
A-902				A CONTRACTOR OF THE CONTRACTOR	

1	LICE CDOLID	CL A COLFICATION
1.	USE GROUP	CLASSIFICATION

- FIRST FLOOR: R-2 AND S-2
- SECOND FLOOR: R-2 AND S-2
- THIRD FLOOR: R-2 AND S-2
- **CONSTRUCTION TYPE CLASSIFICATION:**
- SQUARE FOOT AREA OF BUILDING PER FLOOR:
 - FIRST FLOOR: 5,852 SF
- SECOND FLOOR: 8,190 SF
- THIRD FLOOR: 8,173 SF
- TOTAL: 22,215 SF
- HEIGHT OF BUILDING ABOVE GRADE: 36'-0 1/4" ABOVE AVERAGE GRADE

DRAWING LIST					
NO.	NAME	SD	DD	CD CHECK SET	PERMIT SET
			-	1	
FP-000	ON FIRE PROTECTION LEGEND	•	•	•	•
FP-001	FIRE PROTECTION DETAILS	•	•	•	•
FP-002	FIRE PROTECTION DETAILS	•	•	•	•
FP-003	FIRE PROTECTION DETAILS	•	•	•	•
FP-004	FIRE PROTECTION CRAWL SPACE DIANI	•	•	•	•
FP-101 FP-102	FIRE PROTECTION CRAWL SPACE PLAN FIRE PROTECTION LEVEL 1 AND LEVEL 2 PLANS	•	•	•	•
FP-103	FIRE PROTECTION LEVEL 3 AND LEVEL ROOF PLANS	•	•	•	•
FP-200	FIRE PROTECTION ENGLARGED PART PLANS	•	•	•	•
FP-402	FIRE PROTECTION UNIT TYPE A & A-G2	•	•	•	•
LUMBING	T				
P-000	PLUMBING LEGEND	•	•	•	•
P-001 P-002	PLUMBING SCHEDULE PLUMBING DETAILS	•	•	•	•
P-002 P-003	PLUMBING DETAILS PLUMBING DETAILS	•	•	•	•
P-004	PLUMBING DETAILS	•	•	•	•
P-005	PLUMBING RISERS	•	•	•	•
P-006	PLUMBING WATER HEATER SCHEMATIC	•	•	•	•
P-007	PLUMBING HWH SPEC			•	•
P-008 P-101	PLUMBING HWH SPEC PLUMBING UNDERGROUND	•	•	•	•
P-102	PLUMBING LEVEL 1 AND LEVEL 2 PLANS	•	•	•	•
P-103	PLUMBING LEVEL 3 AND LEVEL ROOF PLANS	•	•	•	•
P-200	PLUMBING ENLARGED PART PLANS	•	•	•	•
P-402	PLUMBING UNIT TYPE A & A-G2	•	•	•	•
ECHANICAL	LINA O LEGEND				
H-000 H-001	HVAC LEGEND HVAC SCHEDULES	•	•	•	•
H-002	HVAC DETAILS	•	•	•	•
H-003	HVAC DETAILS	•	•	•	•
H-004	HVAC DETAILS	•	•	•	•
H-005	HVAC RISER DIAGRAMS	•	•	•	•
H-102	HVAC LEVEL 1 AND LEVEL 2 PLANS	•	•	•	•
H-103 H-402	HVAC LEVEL 3 AND LEVEL ROOF PLANS HVAC UNIT TYPE A & A-G2	•	•	•	•
LECTRICAL	TIVAC CIVIT FTI E A & A-OZ		•	•	•
E-000	ELECTRICAL LEGEND AND NOTES	•	•	•	•
E-001	ELECTRICAL SITE PLANS	•	•	•	•
E-002	ELECTRICAL SITE DETAILS	•	•	•	•
E-101	ELECTRICAL LIGHTING AND POWER LEVEL 1 AND LEVEL 2 PLANS	•	•	•	•
E-102 E-103	ELECTRICAL LIGHTING AND POWER LEVEL 3 AND LEVEL ROOF PLANS ELECTRICAL CRAWL SPACE PLAN	•	•	•	•
E-103 E-200	TENANT SCHEDULES	•	•	•	•
E-202	ELECTRICAL UNIT TYPE A & A-G2	•	•	•	•
E-300	ELECTRICAL PART PLANS	•	•	•	•
E-400	ELECTRICAL POWER RISER	•	•	•	•
E-401	ELECTRICAL TYPICAL RISERS	•	•	•	•
E-500 E-501	LIGHTING SCHEDULES COORDINATION SCHEDULES	•	•	•	•
E-501	ELECTRICAL PANEL SCHEDULES	•	•	•	•
E-600	ELECTRICAL DETAILS	•	•	•	•
E-601	ELECTRICAL DETAILS	•	•	•	•
E-602	ELECTRICAL DETAILS	•	•	•	•
RE ALARM	FIDE ALADM LEGEND AND NOTES				
FA-000 FA-101	FIRE ALARM LEGEND AND NOTES FIRE ALARM LEVEL 1 AND LEVEL 2 PLANS	•	•	•	•
FA-101 FA-102	FIRE ALARM LEVEL 1 AND LEVEL 2 PLANS FIRE ALARM LEVEL 3 AND LEVEL ROOF PLANS	•	•	•	•
FA-103	FIRE ALARM CRAWL SPACE PLAN				•
FA-200	FIRE ALARM RISER DIAGRAM	•	•	•	•
FA-302	FIRE ALARM UNIT TYPE A & A-G2	•	•	•	•
CURITY	OFFICIAL FORMS AND MOTES				
SE-000 SE-101	SECURITY LEGEND AND NOTES SECURITY LEVEL 1 AND LEVEL 2 PLANS				•
SE-101 SE-102	SECURITY LEVEL 1 AND LEVEL 2 PLANS SECURITY LEVEL 3 AND LEVEL ROOF PLANS				•
SE-200	SECURITY DETAILS				•
-			1	1	1

Building Information:

- DESIGNED OCCUPANT LOAD
- FIRST FLOOR, R-2: 18 FIRST FLOOR, S-2: 3
- SECOND FLOOR, R-2: 35
- SECOND FLOOR, S-2: 1
- THIRD FLOOR, R-2: 36
- THIRD FLOOR, S-2: 1
- TOTAL: 94
- SPECIAL SYSTEMS:
 - NFPA 13 WET SPRINKLER SYSTEM FOR **UNITS & COMMON AREAS**
 - NFPA 13 DRY SPRINKLER SYSTEM FOR CRAWL SPACE
- 7. MECHANICAL INFORMATION:
 - COOLING AND HEATING OF THE COMMON SPACES AND AMENITIES ON THE FIRST AND SECOND FLOOR ARE PROVIDED BY ELECTRIC, DUCTLESS CASSETTES CONNECTED TO ROOF MOUNTED AIR-COOLED CONDENSING UNITS.
 - COOLING AND HEATING IN CORRIDORS ARE PROVIDED BY PACKAGED DX COLLING AND HEAT PUMP ENERGY RECOVERY VENTILATOR (ERV-1) LOCATED ON THE ROOF.
 - **ERV-1 ON THE ROOF IS CONNECTED** TO VRV AIR COOLED CONDENSING UNIT (ACCU-A). BOTH PIECES OF **EQUIPMENT ARE CONNECTED** THROUGH VRV-ERV INTEGRATION KIT.
 - TEMPERED OUTSIDE AIR AND EXHAUST AIR TO THE KITCHEN AND BATHROOM IN APARTMENT UNITS, ARE PROVIDED BY THE SAME ERV-1 AS WELL
 - EACH APARTMENT IS HEATED AND COOLED BY TWO (2) AIO ELECTRIC, CEILING DUCTED VERTICAL STACKS (HP-A) WITH IMPLEMENTED AIR-COOLED CONDENSING UNITS IN ONE PACKAGE.
 - TRASH, MAINTENANCE, MDF AND **ELEVATOR MACHINE ROOMS ARE** HEATED AND COOLED WITH DUCTLESS SPLIT SYSTEMS (AC'S) CONNECTED TO AIR COOLED CONDENSING UNITS LOCATED ON THE ROOF.
- 8. ENERGY CODE COMPLIANCE:
- METHOD: HERS ENERGY MODEL
- CLIMATE ZONE: 5A
- GLAZING: 12%
- ABOVE GRADE WALL: U-FACTOR 0.047
- FLOOR: U- FACTOR 0.052
- CEILING/ROOF: U FACTOR 0.020
- GLASS DOOR: U FACTOR 0.30
- SOLID DOOR: U FACTOR 0.21
- WINDOW: U FACTOR 0.27, SHGC 0.26
- HERS TARGET NUMBER: 55
- DATA PLATE AND LABEL LOCATIONS:
- IN BOXES WITH KITCHENS, PLACE UNDER THE SINK CABINET
- IN BOXES WITH BATHROOMS, PLACE IN LINEN TOWER
- IN BOXES WITH NO KITCHENS OR BATHS, PLACE ON INSIDE FACE OF DOOR
- IN BOXES WITH NO KITCHENS, BATHS, OR DOORS, PLACE IN MILLWORK CABINET

10. LIST OF APPLICABLE CODES:

- BUILDING: 2015 IBC: 780 CMR; 9TH
- MECH: 2015 IMC AS AMENDE BY 780
- **ELECTRICAL: 527 CMR 12.00 -**
- THE STATE OF MASSACHUSETTS ACCESSIBILITY: 521 CMR - AAB RULES
- AND REGULATIONS, 2010 ADA

SEE G-003 FOR ADDITIONAL PROJECT RELATED **CODE INFORMATION**

- **EDITION**
- CMR 28.00
- MASSACHUSETTS ELECTRICAL CODE
 - **ENERGY: 2018 IECC AS AMENDED BY**
- STANDARDS FOR ACCESSIBLE DESIGN

Mystic Water Works

DIMELLA

Specifications Putnam Associates

MEP / FP Engine

Structural Enginee

Code Consultant Code Red Constulants

L.A. Fuess Partners

Bohler Engineering

Design Consultants, Inc

GeoEngineers USA

Modular

485 Mystic Valley Parkway Somerville, MA 02145

Somerville Housing Authority

30 Memorial Drive

Somerville, MA 02145

DIMELLA SHAFFER ASSOCIATES, INC.

SHAFFER

617.426.5004 / www.dimellashaffer.com

Project Team:

Somerville Housing Authority Developer 30 Memorial Drive Somerville, MA 02145 617 625 1152

Design Consultants, Inc. Civil Engineer 10 Cabot Rd. Ste. 101B Medford, MA 02155 617 776 3350

24 Farnsworth St. Floor 4 Boston, MA 02210 617 426 5004

Bohler Landscape Architect 45 Franklin St. 5th Floor Boston, MA 02110 617 849 8040

Code Red Consultants Code Consultants 154 Turnpike Rd. #200 Southborough, MA 01772 617 500 7633

Windover Construction **General Contractor** 66 Cherry Hill Drive Beverly, MA 01915 **Licensed Construction Supervisor:** Derrick Seitz #CS-088888

Modular Manufacturer

FOR TPIA USE ONLY

Expires 07/09/24

Structural Engineer 211 Congress St. Ste 810 Boston, MA 02110 617 948 5700

L.A. Fuess Partners

Putnam Associates Specifiers Specifications 3 Maple St Sherborn, MA 01770 617 285 3274

R.W. Sullivan MEP-FP Engineer 529 Main St #203 Boston, MA 02129 617 523 8227

> GeoEngineers Geotechnical Engineers 239 Causeway St Ste 105 Boston, MA 02114 617 749 9220

Advanced Building Anaylsis, LLC Energy Raters of Massachusetts. Inc. 2 Woodlawn St. Amesbury, MA 01913 978 270 3911

Third Pary Inspection Agency

Modular Structural Engineer

FOR STATE USE ONLY

SCALE: PROJECT #: 2019074

REVIEWED BY:

DATE: September 9,2022

4 PERMIT SET

COVER

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12/15/2022

GENERAL NOTES

ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL CONFORM TO THE STANDARDS OF THE CITY OF SOMERVILLE, DEPT. OF PUBLIC WORKS AND ANY OTHER AGENCY WITH AUTHORITY IN THIS AREA.

CONTRACTOR TO MAINTAIN WORK AREA IN A CLEAN CONDITION. NO CONSTRUCTION DEBRIS SHALL BE ALLOWED TO ACCUMULATE WITHIN THE WORKSITE AND NO DIRT, GRAVEL, ETC. SHALL BE ALLOWED TO ACCUMULATE ON THE PUBLIC

AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

UTILITY & DRAINAGE NOTES

- 1. THE LOCATION OF AND SIZE OF BURIED UTILITIES ARE THE RESULT OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY BY DESIGN CONSULTANTS INC., PLANS OF RECORD & PLANS FROM RESPECTIVE UTILITY COMPANIES.
- 2. THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION AND SIZE OF ALL UTILITIES WHICH MAY EXIST AT THIS TIME INSIDE OR OUTSIDE OF EXISTING OR PROPOSED BUILDINGS, ON THE SUBJECT PROPERTY, WITHIN THE STREET ROW, OR ON ABUTTING LOTS.
- 3. CONTACT DIG-SAFE AT 1-888-344-7233 OR 1-800-322-4844 AT LEAST 72 HOURS PRIOR TO EXCAVATION. THE CITY OF SOMERVILLE MUNICIPAL UTILITIES (WATER, SEWER, & DRAIN) ARE NOT PART OF DIG-SAFE. CONTACT THE CITY OF SOMERVILLE FOR THE MARKING OF MUNICIPAL UTILITIES.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE AND EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 5. ALL EXISTING UTILITY SERVICE CONNECTIONS SHALL BE ABANDONED UNLESS NOTED OTHERWISE. CUTTING AND CAPPING OF DESIGNATED WATER AND SEWER SERVICES SHALL OCCUR AT THE MAIN IN THE STREET, BY THE CONTRACTOR, IN ACCORDANCE WITH THE CITY OF SOMERVILLE STANDARDS. THE PROPOSED GAS, ELECTRIC AND/OR CATV INSTALLATION AND ABANDONMENT OF EXISTING CONNECTIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE RESPECTIVE COMPANIES.
- 6. FINAL DEMARCATION POINTS FOR GAS, ELECTRIC, TELEPHONE, AND COMMUNICATION SERVICE ENTRANCES ARE SUBJECT TO APPROVALS OF EACH PROVIDER.
- 7. ALL UTILITIES SHOWN ON THIS SITE ARE TO THE EXTERIOR OF THE BUILDING FOUNDATION ONLY. UTILITIES THROUGH THE FOUNDATION AND INSIDE THE BUILDING ARE THE RESPONSIBILITY OF THE MECHANICAL ENGINEER. SEE MECHANICAL ENGINEERING PLANS.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND RECORDING THE EXACT LOCATION OF ALL PROPOSED UTILITY CONNECTIONS.
- 9. NEW WATER SERVICES MUST BE LEFT SHUT OFF AT THE MAIN ON THE STREET UNTIL ACTIVATED BY THE CITY OF SOMERVILLE.
- 10. TEST PITS SHALL BE REQUIRED TO DETERMINE SUBSURFACE SOILS AND ESTABLISH MEAN HIGH GROUNDWATER ELEVATION PRIOR TO ORDERING AND INSTALLATION OF STORMWATER MANAGEMENT SYSTEM COMPONENTS. ADJUSTMENTS TO SYSTEM MAY BE REQUIRED PER TEST RESULTS.
- 11. THE CONTRACTOR SHALL SUPPLY ALL PIPING FOR THE UTILITY SERVICES AND SHALL SUPPLY ALL ASSOCIATED APPURTENANCES, FITTING AND VALVES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL PERFORM ALL WET AND DRY TAPS AS PART OF HIS/HER CONTRACT.
- 12. THE CITY OF SOMERVILLE RESERVES THE RIGHT TO INSPECT ALL FACILITIES DISCHARGING TO THE CITY OF SOMERVILLE DRAIN AND SEWER SYSTEMS. A DYE TEST SHALL BE PERFORMED PRIOR TO THE ISSUANCE OF AN OCCUPANCY PERMIT.
- 13. PRIOR TO CONSTRUCTION OF NEW SANITARY SEWER AND STORM DRAIN LINES, CONTRACTOR SHALL PERFORM TEST PITS AT LOCATIONS OF EXISTING LATERAL CONNECTIONS FOR SANITARY SEWER AND STORM DRAINS TO CONFIRM INVERTS OF LATERALS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- 14. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION SHALL BE FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
- 15. TRENCH AREAS FOR THE CONSTRUCTION OF THE UNDERGROUND UTILITIES ARE TO BE REPATCHED WITH SAME MATERIAL AT THE SAME DEPTH AS THE EXISTING MATERIAL. THE AREAS OF TRENCHING SHALL BE NEATLY SAW-CUT AND THE NEW PATCHING MATERIAL SHALL BE PROPERLY SEALED IN ACCORDANCE WITH THE CITY OF SOMERVILLE MUNICIPAL STANDARDS.
- 16. DURING EXCAVATION AND CONSTRUCTION OF PIPES AND STRUCTURES, TRENCHES MUST BE ADEQUATELY BRACED AND PROTECTED AGAINST CAVE-IN.
- 17. NO TRENCHES ARE ALLOWED TO REMAIN OPEN OVERNIGHT. ALL TRENCHES SHALL BE BACKFILLED AT THE END OF THE WORK DAY OR COVERED WITH STEEL PLATES PER 520 CMR 14.00 EXCAVATION AND TRENCH SAFETY. IF STEEL PLATES ARE USED, THE TOTAL LENGTH OF PLATES IN THE TRAVELED WAY SHALL LIMITED TO 50'.

DIMELLA SHAFFER

DIMELLA SHAFFER ASSOCIATES, INC. 617.426.5004 / www.dimellashaffer.com

Specifications Putnam Associates

> MEP / FP Engineer R.W. Sullivan

Structural Engineer L.A. Fuess Partners

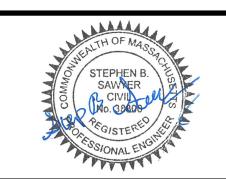
Code Consultant

Code Red Constulants

Landscape Bohler Engineering

Design Consultants, Inc.

GeoEngineers USA



Mystic Water Works Modular

485 Mystic Valley Parkway Somerville, MA 02145

Somerville Housing Authority 30 Memorial Drive Somerville, MA 02145

4 PERMIT SET

3 CD CHECK SET 2 DESIGN DEVELOPEMENT

1 SCHEMATIC DESIGN

SCALE: 1"=20' PROJECT #: 2019074 **REVIEWED BY: GS/SS** DATE: September 9,2022

LAYOUT & MATERIALS PLAN

12/15/2022

09/09/2022

06/28/2022

04/22/2022



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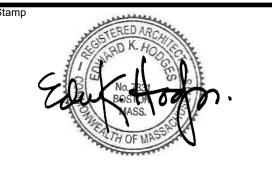
Structural Engineer L.A. Fuess Partners

Code Consultant Code Red Constulants

Landscape Bohler Engineering

Civil Design Consultants, Inc.

Geotech GeoEngineers USA



Mystic Water Works Modular

485 Mystic Valley Parkway Somerville, MA 02145

Somerville Housing Authority 30 Memorial Drive Somerville, MA 02145

- 4 PERMIT SET 3 CD CHECK SET
- 2 DESIGN DEVELOPEMENT 1 SCHEMATIC DESIGN

REVIEWED BY:

SCALE: 1" = 10'-0" PROJECT #: 2019074

DATE: September 9,2022

SITE PLAN



12/15/2022 09/09/2022

06/28/2022 04/22/2022

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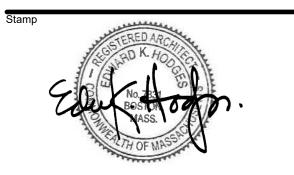
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Landscape

Bohler Engineering

Design Consultants, Inc.

Geotech GeoEngineers USA



Mystic Water Works Modular

485 Mystic Valley Parkway Somerville, MA 02145

Client

Somerville Housing Authority 30 Memorial Drive Somerville, MA 02145

4 PERMIT SET
3 CD CHECK SET

3 CD CHECK SET
2 DESIGN DEVELOPEMENT

1 SCHEMATIC DESIGN

SCALE: 1/8" = 1'-0" PROJECT #: 2019074 REVIEWED BY:

DATE: September 9,2022

PLANS

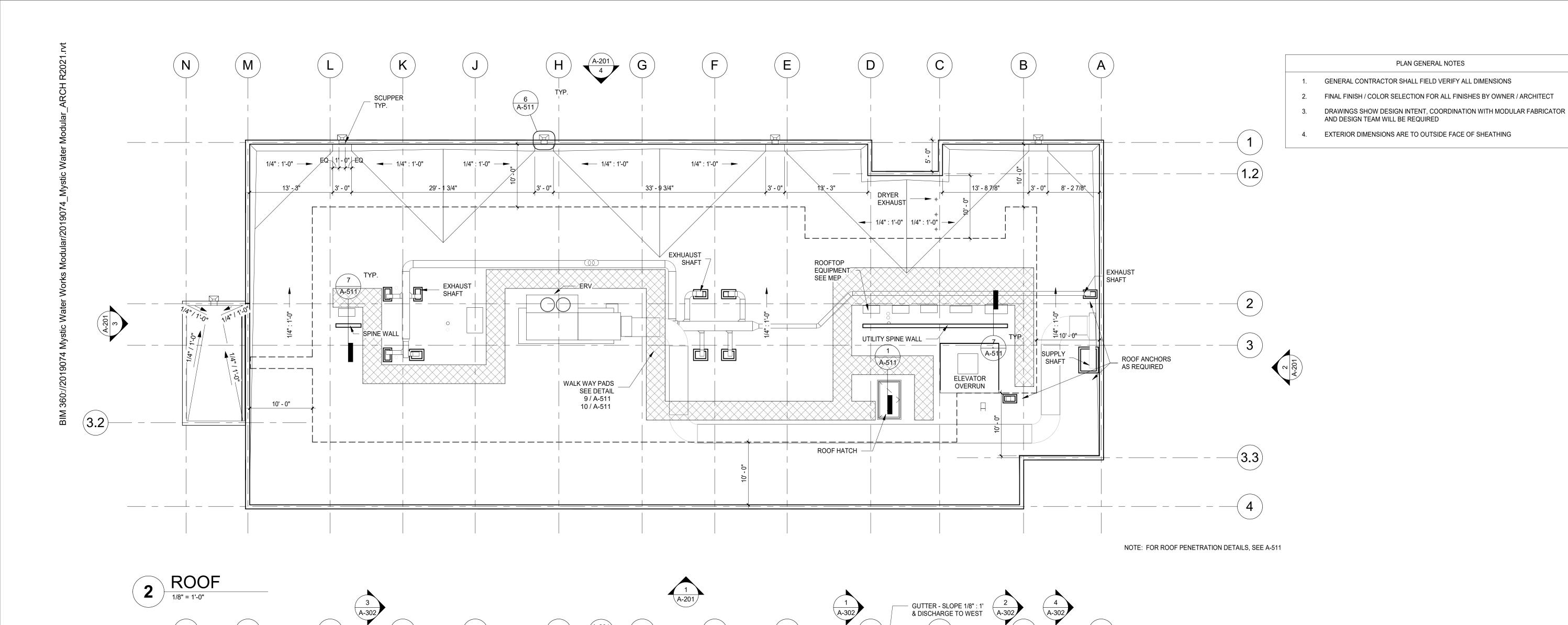
LEVEL 1 & LEVEL 2

→ A-102

12/15/2022

09/09/2022

06/28/2022 04/22/2022



24' - 10 1/8"

10' - 9 1/8"

259 259

TYP. 164 259 259 FEC

13' - 3 1/2"

TYPE A

CORRIDOR (CR-301)

LAUNDRY

261 ST1-3

8' - 4 7/8"

H A-201 G

13' - 3 1/2"

TYPE A 307

302

___(168a>

13' - 3 1/2"

TYPE A

306

TYPE A 303



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Specifications

Putnam Associates

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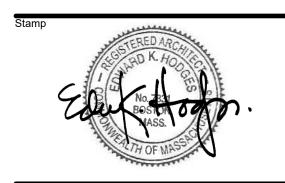
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Mystic Water Works Modular

485 Mystic Valley Parkway Somerville, MA 02145

Somerville Housing Authority 30 Memorial Drive Somerville, MA 02145

4 PERMIT SET 3 CD CHECK SET

2 DESIGN DEVELOPEMENT 1 SCHEMATIC DESIGN

SCALE: 1/8" = 1'-0" PROJECT #: 2019074 **REVIEWED BY:** DATE: September 9,2022

LEVEL 3 & ROOF **PLANS**

A-103

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12/15/2022

09/09/2022

06/28/2022

04/22/2022



9' - 10 1/4"

STAIR 2

ST2-3

9' - 6 7/8"

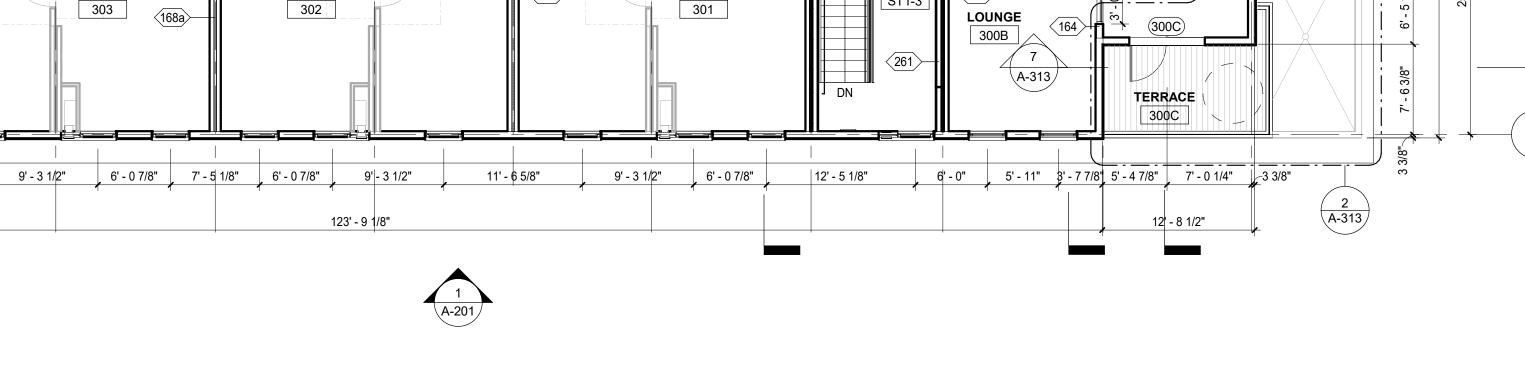
10' - 0 3/8"

2 A-301

3.2—

TYPE A

305



13' - 4 3/8"

GWB CHASE
WALL BY
GENERAL
TRADE
BIDDER

310 TRASH

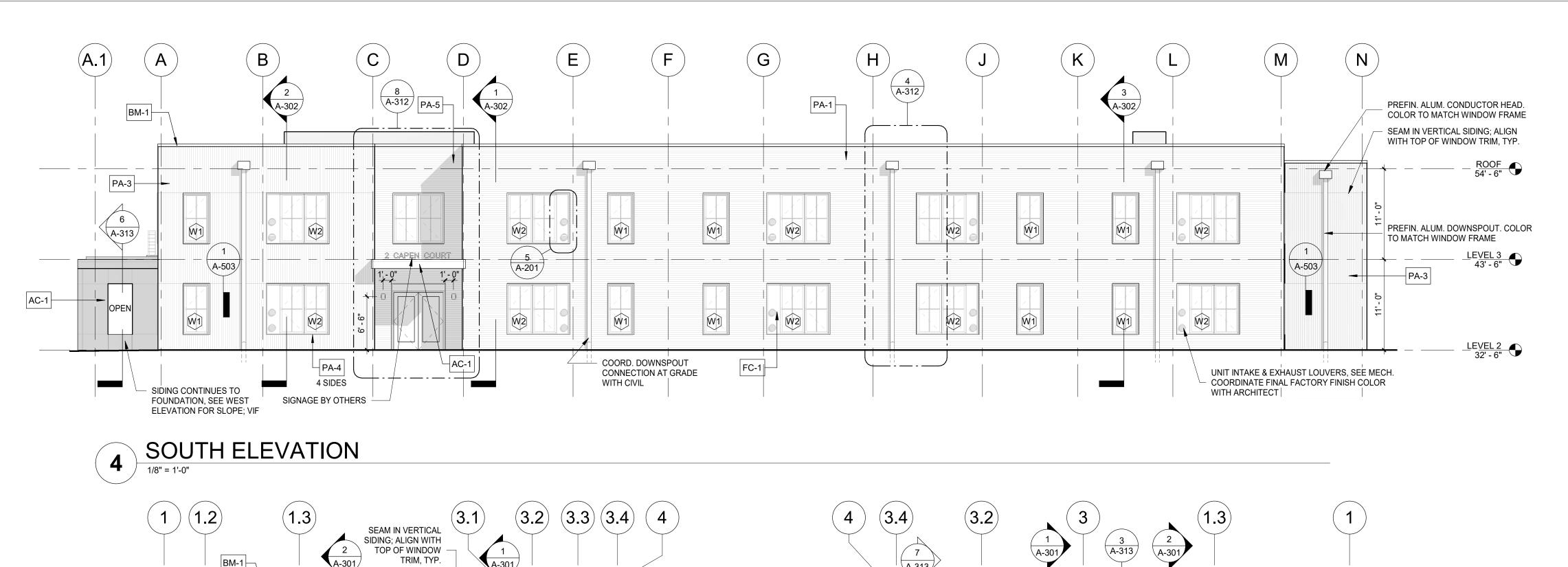
8' - 5 3/4"

12 - 4 3/8"

TYPE A - G2

310

13' - 0 3/4"



FINISH GENERAL NOTES

- ALL OUTSIDE CORNERS OF NICKEL GAP SIDING TO BE MITERED; SEE DETAILS HORIZONTAL SEAMS OF NICKEL GAP SIDING TO ALIGN WITH WINDOW TRIM AS
- 3. HORIZONTAL SEAMS OF AC SIDING TO ALIGN WITH WINDOW TRIM AS SHOWN
- REVIEW COURSING OF HORIZONTAL SIDING AS IT RELATES TO WINDOW PLACEMENT WITH ARCHITECT IN THE FIELD
- SEE A-603 FOR WINDOW, EXTERIOR DOOR AND LOUVER TYPES COORD. RESIDENTIAL UNIT HVAC LOUVERS WITH PANEL SIDING INSTALL; LOUVER
- COLOR TO MATCH PANEL; CUSTOM FINISH COLOR IF REQUIRED

GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS

- DRAWINGS SHOW DESIGN INTENT, COORDINATION WITH MODULAR FABRICATOR AND DESIGN TEAM WILL BE REQUIRED
- COORDINATE WITH ARCHITECT FOR ALL EXTERIOR FINAL COLOR SELECTIONS. ALL EXTERIOR COLORS IN EXTERIOR MATERIAL SCHEDULE SUBJECT TO

EXTERIOR MATERIAL SCHEDULE

MATERIAL FINISH | PATTERN | PROFILE |

PTD - SW7069 IRON | HORIZONTAL | NICKEL GAP | 1X4

PTD - SW0055 LIGHT VERTICAL NICKEL GAP 1X4

|HORIZONTAL |NICKEL GAP | 1X6

HORIZONTAL NICKEL GAP 1X4

PREFINISHED

CADET GRAY

PREFINISHED -

PREFINISHED -

COLOR 1 / TBD

PTD - COLOR 1 /

PTD - SW0007

FRENCH GRAY

PTD - COLOR 1

PTD - SW0007

DECOROUS AMBER

DECOROUS AMBER

DESCRIPTION

COMPOSITE METAL ALUCOBOND

COMPOSITE METAL | COLOR 1 / TBD

ALUMINUM

ALUMINUM

METAL COPING

FIBER CEMENT

PANEL TYPE 1

DIMELLA SHAFFER

DIMELLA SHAFFER ASSOCIATES, INC. 617.426.5004 / www.dimellashaffer.com

Specifications Putnam Associates

MEP / FP Engineer R.W. Sullivan

Structural Engineer

L.A. Fuess Partners

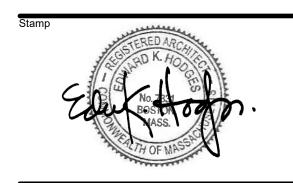
Code Consultant

Code Red Constulants

Landscape Bohler Engineering

Geotech GeoEngineers USA

Design Consultants, Inc.



Mystic Water Works Modular

485 Mystic Valley Parkway Somerville, MA 02145

COMMENTS

COLOR SUBJECT TO CHANGE

COORDINATE WITH ARCHITE

COORDINATE WITH ARCHITEC

COORDINATE WITH ARCHITECT

COLOR SUBJECT TO CHANGE -

COORDINATE WITH ARCHITECT

COLOR SUBJECT TO CHANGE -

COORDINATE WITH ARCHITECT

COORDINATE WITH ARCHITECT

COORDINATE WITH ARCHITECT

COORDINATE WITH ARCHITECT

COLOR SUBJECT TO CHANGE -

FOR FINAL COLOR

FOR FINAL COLOR

FOR FINAL COLOR

FOR FINAL COLOR

DETAILS FOR FINAL COLOR

COORDINATE WITH ARCHITECT

Somerville Housing Authority 30 Memorial Drive Somerville, MA 02145

4	PERMIT SET
3	CD CHECK SET
2	DESIGN DEVELO

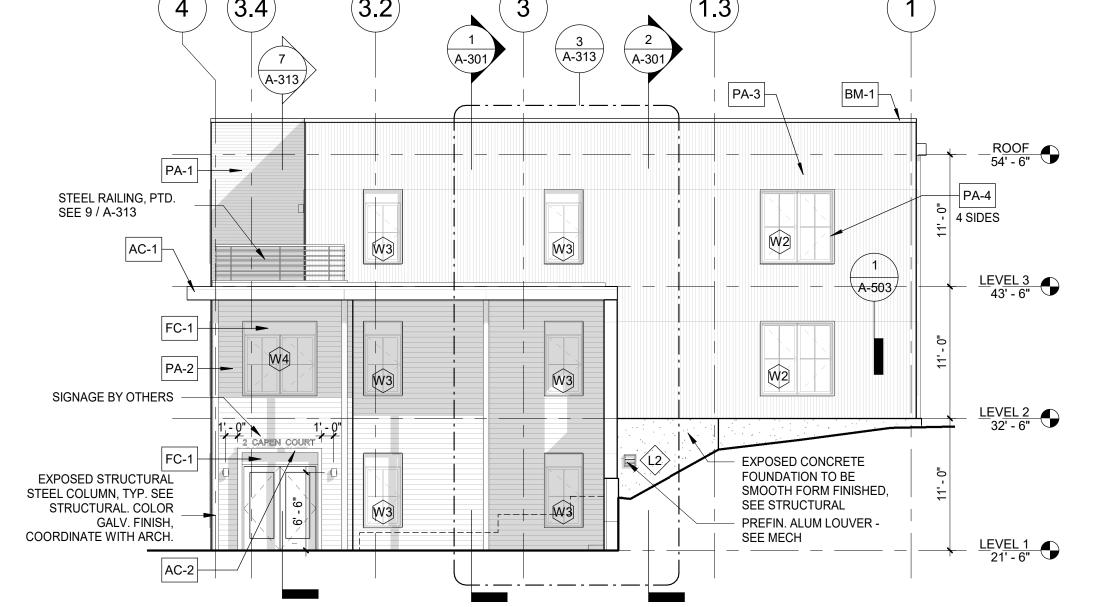
1 SCHEMATIC DESIGN

SCALE: As indicated **PROJECT #**: 2019074 **REVIEWED BY:**

DATE: September 9,2022

BUILDING **ELEVATIONS**

A-201



WEST ELEVATION

W1

W1

PA-1

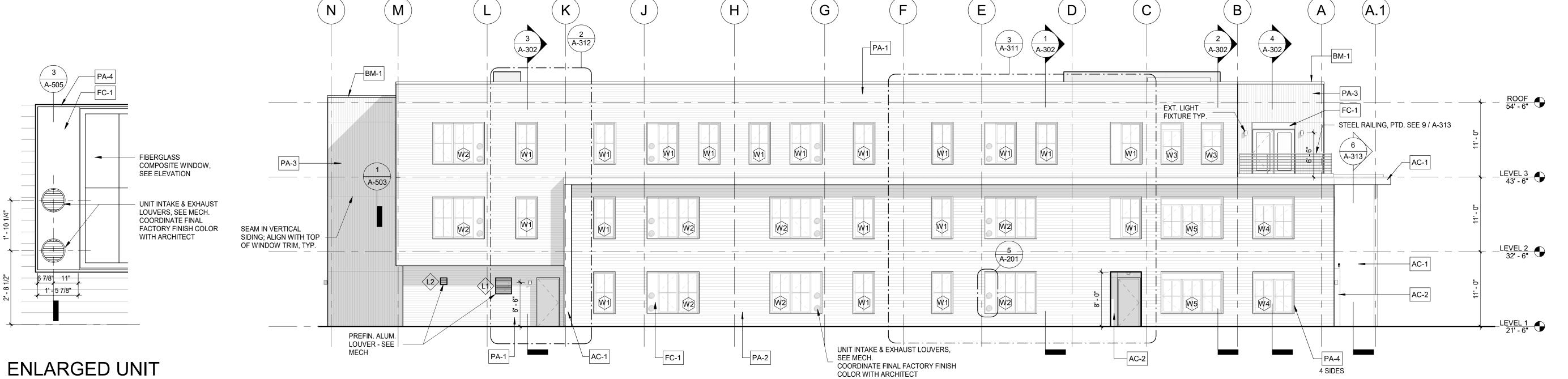
PREFIN. ALUM. LOUVER - SEE MEP

NORTH ELEVATION

\A-503/

SEAM IN VERTICAL SIDING; ALIGN WITH TOP OF WINDOW TRIM, TYP.

1' - 0"



ENLARGED UNIT HVAC LOUVER ELEV

PREFIN. ALUM.

PREFIN. ALUM.

PA-1

PA-4

4 SIDES

EXPOSED CONCRETE

FOUNDATION TO BE SMOOTH FORM FINISHED, SEE STRUCTURAL

PREFIN. ALUM. LOUVER - SEE MECH

EAST ELEVATION

DOWNSPOUT. COLOR TO

MATCH WINDOW FRAME

CONDUCTOR HEAD. COLOR TO MATCH WINDOW FRAME

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12/15/2022 09/09/2022

06/28/2022 04/22/2022





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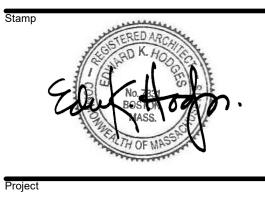
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Mystic Water Works Modular

485 Mystic Valley Parkway Somerville, MA 02145

Somerville Housing Authority 30 Memorial Drive Somerville, MA 02145

4 PERMIT SET 3 CD CHECK SET

2 DESIGN DEVELOPEMENT 1 SCHEMATIC DESIGN

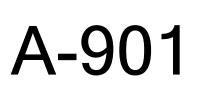
12/15/2022 09/09/2022

06/28/2022

04/22/2022

SCALE: PROJECT #: 2019074 **REVIEWED BY:** DATE: September 9,2022

BUILDING RENDERINGS



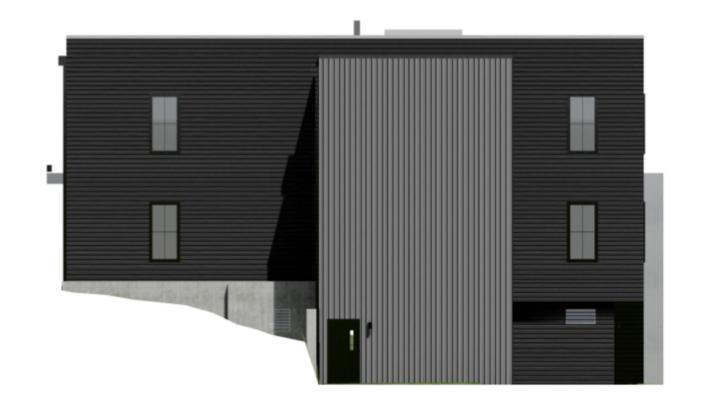


SOUTH EAST VIEW





SOUTH VIEW



EAST VIEW



WEST VIEW



NORTH VIEW