# NEW FACILITY FOR THE
## CARVER POLICE DEPARTMENT
### 3 CENTER STREET
#### CARVER, MASSACHUSETTS

## OCTOBER 2, 2019

## LIST OF DRAWINGS:

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## ARCHITECT:

JACUNSKI HUMES ARCHITECTS, LLC
15 MASSIBIO DRIVE, SUITE 101
BERLIN, CONNECTICUT 06037
TEL 860-828-9221  FAX 860-828-9223

## CIVIL ENGINEER:

Garcia Falekka Design Consulting Engineers, Inc.
377 James Street (4th Floor)
Fairfax, VA 22031
TEL 703-998-9221  FAX 703-998-9223

## LANDSCAPE ARCHITECT:

Lanier Landscape Architects, LLC
30 Parkview Drive
Whitsett, CT 06109
TEL (860) 899-5700  FAX (860) 899-5701
email: office@lanierlandscapearchitects.com

## STRUCTURAL ENGINEER:

Northwest Associates Consulting Engineers
29 Edens Drive, South Peak South
Avery CT 06103
TEL (860) 877-0265  FAX (860) 877-0266

## INTERIOR DESIGNER:

CAMA Inc.
31 Audubon Street
New Haven, CT 06511
TEL (203) 771-4580  FAX (203) 771-4589
web: www.cama-inc.com

## P/FPM/E ENGINEER:

BER Holdings Engineering Resources, Inc.
16 Meade Avenue
North Easton, MA 02356
TEL (508) 230-1822  FAX (508) 230-1823
web: www.berinc.com
NEW FACILITY FOR THE
CARVER POLICE
DEPARTMENT

SEPTIC SYSTEM BASIS OF DESIGN

SEPTIC SYSTEM GENERAL NOTES:

1. The septic system design shall be made in accordance with the requirements of the Massachusetts Department of Environmental Management, 310 CMR 5.00 and the requirements of the municipalities' health regulations. The system shall be designed and constructed in accordance with the current edition of the Massachusetts Department of Environmental Management's standards and regulations.

2. The septic tank shall be constructed of non-porous concrete material. The tank shall be designed to accommodate the calculated influent volume and shall be constructed to the specified dimensions.

3. The leaching trench shall be constructed of non-porous concrete material. The trench shall be designed to accommodate the calculated influent volume and shall be constructed to the specified dimensions.

4. The soils log shall be provided and shall be constructed to the specified dimensions.

5. The septic tank shall be provided with a manhole cover and a vent pipe. The manhole cover shall be designed to accommodate the calculated influent volume and shall be constructed to the specified dimensions.

6. The leaching trench shall be provided with a cover and a vent pipe. The cover shall be designed to accommodate the calculated influent volume and shall be constructed to the specified dimensions.

7. The soils log shall be provided with a cover and a vent pipe. The cover shall be designed to accommodate the calculated influent volume and shall be constructed to the specified dimensions.

SEPTIC TANK TESTING NOTES:

1. The septic tank shall be tested and the test results shall be submitted to the local building inspector. The test shall be performed in accordance with the Massachusetts Department of Environmental Management's standards and regulations.

2. The septic tank shall be tested for leakage and the test results shall be submitted to the local building inspector. The test shall be performed in accordance with the Massachusetts Department of Environmental Management's standards and regulations.

3. The septic tank shall be tested for effluent quality and the test results shall be submitted to the local building inspector. The test shall be performed in accordance with the Massachusetts Department of Environmental Management's standards and regulations.

4. The septic tank shall be tested for biological oxygen demand and the test results shall be submitted to the local building inspector. The test shall be performed in accordance with the Massachusetts Department of Environmental Management's standards and regulations.

5. The septic tank shall be tested for solids and the test results shall be submitted to the local building inspector. The test shall be performed in accordance with the Massachusetts Department of Environmental Management's standards and regulations.

SEPTIC TANK DETAIL (3,000 GAL. CAP.)

PROFILE OF SUBSURFACE SEPTIC DISPOSAL SYSTEM

SITE SEPTIC NOTES & DETAILS
SITE DEMOLITION NOTES:
1. The buildings shown as solid line are standing.
2. The buildings shown as construction line are under demolition.
3. The buildings shown as dashed line are existing.
1. Removal of trees and shrubs shall include clearing and grubbing of stumps.

2. Removal of site improvements shall include all footings and subsurface elements related to the items designated for removal, except where indicated otherwise.

Existing utility information is based on available information and records as shown in the "Existing Conditions" Plan of Land of #2 Meadowbrook Way in Carver, MA prepared by Arthur F. Borden & Associates, Inc., Carver, MA. This plan is shown in accordance with the current state standards. The Contractor shall be responsible for all permitting, fees and inspections as required by the municipality.

Work within the Commonwealth of Massachusetts right-of-way shall be in accordance with the Massachusetts Municipal Utilities Protection Act, M.G.L. Ch. 139 Section 65-65G, as amended and/or supplemented from time to time. The General Contractor is responsible for the coordination of all utilities, existing and/or proposed, which may not be shown on these plans. Refer to the Sedimentation Control Plan, Sheet #L-1.5 and the specification.

The Contractor is required to mark his proposed limits of clearing for all utilities, saw-cut a clean straight edge (remove to nearest joint if concrete), install clean joint or finished edge.

Sedimentation Control Plan, Sheet #L-1.5 and the specification.

3. Adjacent property lines are shown for information only. The Contractor is required to coordinate all utility locations marked on the ground prior to the start of any construction activities with the owner or property owner.

4. As-built survey updates are being prepared and will be made available to the owner or property owner. A project as-built survey (as-built survey is not a construction survey) in the form of as-built plans in the form of as-built plans, together with a full description of the improvements shown, shall be prepared and recorded by the owner or property owner within 30 days after the completion of the project. The survey shall be a complete and accurate survey of the improvements shown on the plans.

5. Five copies of the "Existing Conditions" Plan shall be given to the owner or property owner for examination.

6. Review by the Architect / Owner prior to the start of any removals. Adjustments shall be made to save or remove any trees along the limit that, in the opinion of the Architect / Owner, shall be saved or shall be removed.

7. Utilities, existing and/or proposed, may not be shown on these plans. Refer to the "Existing Conditions" Plan of Land of #2 Meadowbrook Way in Carver, MA prepared by Arthur F. Borden & Associates, Inc., Carver, MA.

8. Removal of existing pavements and curbs to remain shall be neatly saw-cut to provide a clean and level edge for new pavement. See sheet C-1.0 Site Utility Demolition Plan for work related to all utilities.

9. Existing utility information is based on available information and records as shown on these plans. Right-of-Way companies that may be necessary.

10. The Contractor shall be responsible for all permitting, fees and inspection requirements of all utilities with in the Commonwealth of Massachusetts right-of-way. The General Contractor is responsible for the coordination of all utilities, existing and/or proposed, which may not be shown on these plans. Refer to the Sedimentation Control Plan, Sheet #L-1.5 and the specification.

See sheet C-1.0 Site Utility Demolition Plan for work related to all utilities.

NOTE: All references to demolition / removals relating to the playground, trees and clearing have already been completed by the town of Carver. An as-built survey update is being prepared and will be issued through Addendum.

Removal of trees and shrubs shall include clearing and grubbing of stumps.

Removal of pavement shall include saw-cut a clean straight edge (remove to nearest joint if concrete), install clean joint or finished edge.

The Contractor shall be responsible for all permitting, fees and inspections as required by the municipality.

The General Contractor is responsible for the coordination of all utilities with in the Commonwealth of Massachusetts right-of-way.
All proposed walks and pads shall be cross-pitched at 1/4" per foot (2%) maximum, unless otherwise noted. Provide a clean, straight saw-cut edge where they intersect. All curbs shall be cross-pitched at 1:12 with a maximum cross-slope of 1:50. (See details for additional ramp requirements).
Entrance, as detailed and specified, to be located where construction vehicles may be necessary or required throughout construction, until that time that final finishes may be installed.

2. Erosion control measures shall be in accordance with the standards of the most stringent of the Massachusetts Department of Environmental Protection (MassDEP), the Town of Carver, and as shown on these plans and in the specifications, whichever is the most stringent.

3. Where several types of erosion control devices are called out on the plan, the Contractor shall monitor all new or modified drainage structures, sumps, and regulatory requirements.

4. The Contractor shall be responsible for the installation and maintenance of erosion controls. Should the Contractor desire additional access points and/or require access points in areas that are not shown on these plans and in the specifications, it is the Contractor's responsibility to request additional access points.

5. Erosion control measures shall be in accordance with the standards of the Town of Carver, and as shown on these plans and in the specifications, whichever is the most stringent.

6. See the specification, additional notes and/or schedules and details for additional information and requirements.
**COLUMN SCHEDULE**

- All columns shown are to be fabricated from 8" x 8" tubing with 1/8" wall thickness and 0.625" square, except as noted.
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**PLAN DETAIL**

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**BASE PLATE DETAILS**

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1. FORCED AIR HEATERS IN A VISUEAL CASE MUST BE THE LUV CLASSIFICATION.
   2. ALL FIXTURES AND WATER PROOFING DEVICES ARE TO BE INSTALLED AT THE FRONT AND HANGING DEVICES TO PROJECT THE
   INTERIOR AND BACK OF THE TACKBOARD.
   3. ALL MECHANICAL PIPING, CABLES AND WIRES DEVICES ARE TO BE INSTALLED IN A WATERPROOFING BASEMENT.
   4. FOR ALL FIRE PROOF PARTITION, SECTIONS BETWEEN WALLS AND ALL PENETRATIONS TO PREVENT THE PASSAGE
   OF SMOKE, SMOKE DAMPERS ARE TO BE INSTALLED.
   5. PROVIDE A CONTROL PANEL AT THE JUNCTION OF WALLS FIRST AND THEN BY THE REQUIRED DISTANCES. PROVIDE A CONTROL
   PANEL AT ALL EDGES WHERE MASONRY ABUTS STRUCTURAL STEEL.
   6. PROVIDE SMOKE DAMPERS AT ALL MECHANICAL PENETRATIONS THROUGH ONE HOUR FIRE RATED SMOKE BARRIERS.
   7. PROVIDE SMOKE DAMPERS AT ALL MECHANICAL PENETRATIONS THROUGH TWO HOUR FIRE RATED PARTITIONS.
   8. PROVIDE SMOKE DAMPERS AT ALL MECHANICAL PENETRATIONS THROUGH THREE HOUR FIRE RATED SMOKE BARRIERS.
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   44. PROVIDE SMOKE DAMPERS AT ALL MECHANICAL PENETRATIONS THROUGH THIRTY-NINE HOUR FIRE RATED SMOKE BARRIERS.
SEISMIC LOCKING

HANGER WIRE

STRUCTURE ABOVE TO REMAIN 3-

STRUCTURE ABOVE

LOCKING

- 3/8" GWB SHEATHING.  LEVEL 5 FINISH,
  SPECIFIED FINISH PER SCHEDULE (TYPICAL)

- CONTINUOUS LIGHT GAUGE METAL
  FACE OF ACoustical CEILING TILE AND GRID

- SHEATHING AS SHOWN

- SPLICES AND INTERSECTIONS OF RUNNERS SHALL BE FASTENED

- 5/8" GWB SHEATHING.  LEVEL 5 FINISH,
  9 CEILING - GYPSUM PARTITION SOFFIT

- SCALE:  1 1/2" = 1'-0"

- CONTINUOUS METAL CORNER BEAD

- ATTACHED AT STARTER AND ONE ADJACENT WALL

- NOTE:
  ALL SPLAY WIRES
  ATTACHED TO MAIN RUNNERS IN (4)

- MIN. #12 GA. SPLAY HANGER WIRE

- 2 CEILING - SEISMIC SPLAY BRACING DETAILS

- SPACES GREATER THAN 400 S.F.
  ONE DIRECTION EXCEEDS 20'-0"

- ATTACHED AT STARTER AND ONE ADJACENT WALL

- ATTACHED AT STARTER AND ONE ADJACENT WALL

- NOTE:
  ONE DIRECTION EXCEEDS 20'-0"

- REVISIONS & SUBMISSIONS

- DESCRIPTION

- 10/2/19 BIDDING RELEASE

- 2'-0" +/- VERIFY

- 8 CEILING - GYPSUM SOFFIT AT EVIDENCE LOCKER

- EXPANSION AT OPPOSITE WALLS

- 1 CEILING - SEISMIC PLACED AT EVIDENCE LOCKER

- SPACES GREATER THAN 400 S.F.
  TWO DIRECTIONS EXCEED 20'-0"

- DATE: OCTOBER 2, 2019

- REF. PLAN

- JACUNSKI HUMES
  ARCHITECTS, LLC

- 11 MAINROD DRIVE
  WESTON, CT 06883
  TEL: 203-972-9888
  FAX: 203-972-9901
NEW FACILITY FOR THE
CARVER POLICE DEPARTMENT
3 CENTER STREET
CARVER, MASSACHUSETTS

As Noted
OCTOBER 2, 2019

SUBMISSIONS & REVISIONS
MARK DATE
DESCRIPTION
10/2/19 BIDDING RELEASE

BUILDING SECTIONS

OUTBUILDING BUILDING SECTION
MAIN BUILDING BUILDING SECTION

OUTBUILDING BUILDING SECTION
MAIN BUILDING BUILDING SECTION
MEMBRANE BOND BREAK
AT STUD WALL CONDITION

BOND BREAK AND BASE FLASHING
AT CMU WALL CONDITION

PROJ. NO. CARVER POLICE DEPARTMENT
NEW FACILITY FOR THE SCALE

DATE OCTOBER 2, 2019

DRAWING NO. 3 CENTER STREET                        CARVER, MASSACHUSETTS
JH1830
As Noted

SUBMISSIONS & REVISIONS
MARK
DATE DESCRIPTION
10/2/19 BIDDING RELEASE

A-4.4 MAIN BUILDING - BASE OF WALL SECTION AT EXTERIOR STUDED AND SIDING

3 PRECAST STONE WATER TABLE CAP ISOMETRIC DETAIL

2 TYPICAL BASE OF WALL FLASHING ASSEMBLIES

1 MAIN BUILDING - BASE OF WALL SECTION AT EXTERIOR STUD AND SIDING

4 MAIN BUILDING - BASE OF WALL SECTION AT EXTERIOR MASONRY WALL

5 MAIN BUILDING - BASE OF WALL SECTION AT EXTERIOR MASONRY WALL

1. MAIN BUILDING - BASE OF WALL SECTION AT EXTERIOR MASONRY WALL
2. TYPICAL BASE OF WALL FLASHING ASSEMBLIES
3. PRECAST STONE WATER TABLE CAP ISOMETRIC DETAIL
4. MAIN BUILDING - BASE OF WALL SECTION AT EXTERIOR STUD AND SIDING
5. MAIN BUILDING - BASE OF WALL SECTION AT EXTERIOR MASONRY WALL

JACUNSKI HUMES ARCHITECTS, LLC
13 MASSIMO DRIVE SUITE 111
BERLIN, CT 06037
TEL: 860.684.6222
FAX: 860.684.9263

NEW FACILITY FOR THE CARVER POLICE DEPARTMENT
MAIN BUILDING BASE OF WALL SECTIONS

BALANCED DISTANCE BETWEEN STONE VENEER AND GENERAL LAMINATE VENEER 1-1/2" DISTANCE BETWEEN STONE VENEER AND GENERAL LAMINATE VENEER 1/2" DISTANCE BETWEEN STONE VENEER AND GENERAL LAMINATE VENEER
SECTION AT REAR ENTRY CANOPY

PROJ. NO. CARVER POLICE DEPARTMENT
NEW FACILITY FOR THE CARVER, MASSACHUSETTS
SCALE
DATE
DRAWING NO.

As Noted
OCTOBER 2, 2019

SUBMISSIONS & REVISIONS
MARK
DATE
DESCRIPTION

10/2/19
BIDDING RELEASE

A-4.6
MAIN BUILDING DOOR #138A CANOPY SECTIONS

JACUNKSI HUMES ARCHITECTS, LLC
11 MASSIBO DRIVE
SUITE 111
BERLIN, CT 06037
TEL. 860-669-0022
FAX 860-669-9211

A-4.6

SECTION AT REAR ENTRY CANOPY
CARVER POLICE DEPARTMENT
NEW FACILITY FOR THE POLICE DEPARTMENT
CENTER STREET
CARVER, MASSACHUSETTS

PROJ. NO.

OCTOBER 2, 2019

SUBMISSIONS & REVISIONS

MARK DATE

DESCRIPTION

10/2/19
BIDDING RELEASE

1 MAIN BUILDING - WALL SECTION AT ROOF EAVE OF ENTRANCE CANOPY

2 MAIN BUILDING - WALL SECTION AT ROOF EAVE OF ENTRANCE CANOPY

3 MAIN BUILDING - WALL SECTION AT ROOF EAVE OF ENTRANCE CANOPY

4 MAIN BUILDING - ROOF EDGE SECTION AT CEILING EDGE ABOVE DOOR #152A

5 MAIN BUILDING - WALL SECTION AT ROOF RAKE OF ENTRANCE CANOPY

A-4.8

M. Humes Architects, Inc.
13 Madison Drive
Suite 111
Bethel, CT 06801
Tel: 203-898-6226
Fax: 203-898-7626

MAIN BUILDING SECTION DETAILS

JACUNSKIS HUMES ARCHITECTS, LLC
CONTRACTOR IS RESPONSIBLE TO COORDINATE INSTALLATION OF ALL FIXTURES, EQUIPMENT, AND REQUIRED BLOCKING TO ENSURE LOCATION TOLERANCES ARE MET. IF ANY FIXTURE IS INSTALLED OUTSIDE OF TOLERANCES NOTED THEN THE ISSUE SHALL BE RESOLVED AT CONTRACTOR'S OWN EXPENSE.

FILED SUB.

ALL PIPING BELOW SINKS WITHIN THE SCOPE OF WORK AREA, THAT WILL BE EXPOSED, SHALL BE ENCASED WITH A PROTECTIVE AND INSULATING JACKET ASSEMBLY.

ALL GRAB BAR GRIPPING SURFACES SHALL BE FREE FROM ANY AND ALL OBSTRUCTIONS WITHIN 1'-0" DISTANCE ABOVE GRADE. CONTRACTOR IS REQUIRED TO COORDINATE THIS DIMENSION WITH LOCAL FIRE DEPARTMENT PRIOR TO INSTALLATION.

5' - 10" A.F.F. TOP OF MAIN SHUT-OFF AND TEMPERATURE CONTROL MIXING VALVE BY PLUMBING BIDDER.

4' - 0" MAX. DRAWINGS AND DETAILS FOR COUNTERTOP AND BACKSPLASH HEIGHTS.

1'-6" A.F.F. HEAD DIVERTER VALVE BY PLUMBING BIDDER.

7' - 0" U.O.N. SEAT PEENED STAINLESS HOSE, WITH ADJUSTABLE BRACKET ON BOTTOM EDGE.

3' - 0" STALL DEPTH.

2'-0" DISTANCE ABOVE GRADE. CONTRACTOR IS REQUIRED TO COORDINATE THIS DIMENSION WITH LOCAL FIRE DEPARTMENT PRIOR TO INSTALLATION.

84" MAX. TO TOP OF SOAP DISPENSER.
TYPICAL ASPHALT SHINGLE ROOF CONSTRUCTION WITH REFERENCE MECHANICAL DRAWINGS FOR ROOF PENETRATION PER PLANS

CONTINUOUS ASPHALT RIDGE CAP SHINGLES, TO MATCH FIELD
POURABLE SEALANT BY ROOF CENTERED ON RIDGE DRAW BAND
MEMBRANE MANUFACTURER

ROLL SHINGLE UNDERLAYMENT AS SPECIFIED.

RIDGE BOARD PER STRUCTURAL FASTEN 4" O.C. MAX.

- SEE 4"

ICE AND WATER SHIELD, AS SPECIFIED, SHINGLED OVER FULLY ASPHALT SHINGLES AS SPECIFIED.

ASPHALT SHINGLES AS SPECIFIED. DOUBLE 4"

SEE ROOF PLAN 8" MIN.

STARTER COURSE AT ROOF PERIMETER.

66 VARES - WELDED COATED REF. METAL FLASHING THIMBLE ROOF SUBSTRATE

RIGID INSUL. ROOF DECK PER PLAN 8" MIN.

ALUMINUM DRIP EDGE, AS SPECIFIED, MATCH CONT. ALONG ENTIRE ROOF PERIMETER.

ROOF RAKE FINISH PER SECTIONS SUBMISSIONS & REVISIONS

MECHANICAL DRAWINGS

PITCH POCKET DETAIL

SCALE: 1 1/2" = 1'-0"

FLUE RIDER DETAIL AT STEEP-SLOPE SHINGLE

SCALE: 1 1/2" = 1'-0"

ROOF HIP / NON-VENTED RIDGE DETAIL

SCALE: 1 1/2" = 1'-0"

TYPICAL ROOF BAKE DETAIL

SCALE: 1 1/2" = 1'-0"

FLAT TO SLOPE TRANSITION DETAIL

SCALE: 1 1/2" = 1'-0"

DUCK RISER DETAIL AT STEEP-SLOPE SHINGLE

SCALE: 1 1/2" = 1'-0"

MANSARD ROOF RIDGE DETAIL

SCALE: 1 1/2" = 1'-0"

ROOF VENTED RIDGE (WITH RIDGE BOARD) DETAIL

SCALE: 1 1/2" = 1'-0"

TYPICAL ROOF VALLEY DETAIL

SCALE: 1 1/2" = 1'-0"

LIGHTNING PROTECTION FLASHING NOTES

SCALE: 1 1/2" = 1'-0"

MEMBRANE SIDE WALL DETAIL

SCALE: 1 1/2" = 1'-0"

TYPICAL STEP FLASHING DETAIL

SCALE: 1 1/2" = 1'-0"

TYPICAL ROOF EAVE DETAIL

SCALE: 1 1/2" = 1'-0"

ROOF DRAIN, WITH OVERFLOW, DETAIL

MEMBRANE SEAM DETAIL

PLUMBING VENT DETAIL AT STEEP-SLOPE SHINGLE

TYPICAL ROOF RAKE DETAIL

SCALE: 1 1/2" = 1'-0"
NEW FACILITY FOR THE
CARVER POLICE DEPARTMENT
3 CENTER STREET                        CARVER, MASSACHUSETTS

SUBMISSIONS & REVISIONS
MARK DATE
DESCRIPTION
10/2/19
BIDDING RELEASE
A-8.1

MAIN BUILDING COLUMN PLAN DETAILS
ENLARGED COLUMN PLANS AT TRAINING CLASSROOMS 100B

ENLARGED CORNER TRIM PLAN AT OUTSIDE CORNERS OF DOOR 152A EXTERIOR ALCOVE

ENLARGED COLUMN PLANS AT TRAINING CLASSROOMS 100B
NEW FACILITY FOR THE
CARVER POLICE
DEPARTMENT

3 CENTER STREET                        CARVER, MASSACHUSETTS

GENERAL NOTES:
1. REFERENCE FLOOR PLANS FOR APPLICABLE WALL TYPE AND COLUMN LOCATIONS.
2. REFERENCE DRAWING A-0.2 FOR WALL TYPE SCHEDULE.
3. REFERENCE CODE PLANS FOR WALL RATING REQUIREMENTS.
4. LIGHT GAUGE FRAMING AND MASONRY UNIT LAYOUTS ARE SHOWN DIAGRAMMATICALLY. APPLICABLE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY, IN THE FIELD, UNIT ORIENTATIONS TO ENSURE FINAL PRODUCT MEETS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.
5. LIGHT GAUGE METAL COLUMN DETAILS DO NOT SHOW FIRE PROTECTION, PLUMBING, MECHANICAL, ELECTRICAL, TELECOMMUNICATION, OR SECURITY COMPONENTS THAT MAY BE REQUIRED. APPLICABLE CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO INSTALLATION OF COMPONENTS.
6. PROVIDE MASONRY CONTROL JOINTS AT ALL COLUMN LINES.
7. MASONRY CONTROL JOINTS NOT SHOWN IN ALL REQUIRED INSTANCES FOR CLARITY OF BALANCE OF COMPONENTS.
8. MASONRY CONTROL JOINTS AT ALL COLUMN LINES.

DRAWING NO.          SCALE          PROJ. NO.          DATE
A-8.3          1" = 1'          A-8.3          OCTOBER 2, 2019
# Door and Frame Schedule

<table>
<thead>
<tr>
<th>Door Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-9.1</td>
<td>Door and Frame Schedule (Part I)</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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<tbody>
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<td>A-9.1</td>
<td>Door</td>
<td>Description</td>
</tr>
</tbody>
</table>

Other relevant information and drawings related to the new facility for the Carver Police Department.
**UNIFORM BUILDING CODE**

**BALANCE OF WALL ASSEMBLY - CONSTRUCTION PER WALL SECTIONS**

**EXTERIOR**

- Continuous sealant joint
- 2x10 nominal wood blocking at bottom of frieze trim
- Aluminum closure by louver manufacturer over counterflashing
- 1x nominal PVC trim return to face of CMU
- 1x nominal PVC trim return to face of louver
- Siding starter strip and siding
- 3/4" plywood blocking
- Wood header framing per structural drawings
- Louver assembly, with bird and insect screen
- 5/4x6 nominal PVC trim
- Extend weather barrier into opening
- Adhered butyl flashing tape 5" width fully adhered
- Attachment requirement with mechanical fasteners
- Do not caulk trim to louver frame at head
- Continuous louver anchoring angle with attic security grille curtain jamb guides per details

**INTERIOR**

- Continuous sealant joint
- 2x10 nominal wood blocking at bottom of frieze trim
- Aluminum closure by louver manufacturer over counterflashing
- 1x nominal PVC trim return to face of CMU
- 1x nominal PVC trim return to face of louver
- Siding starter strip and siding
- 3/4" plywood blocking
- Wood header framing per structural drawings
- Louver assembly, with bird and insect screen
- 5/4x6 nominal PVC trim
- Extend weather barrier into opening
- Adhered butyl flashing tape 5" width fully adhered
- Attachment requirement with mechanical fasteners
- Do not caulk trim to louver frame at head
- Continuous louver anchoring angle with attic security grille curtain jamb guides per details

**PER APPLICABLE WALL SECTION**

- Approximate extents of security grille covers
- Cellulose fill of frame voids
- Typical.
- Window framing
- Window nailing flange set in continuous sealant joint
- Continuous 2x nominal ripped wood blocking at nailbase panel
- Light gauge metal jamb extensions finished to match specified manufacturer
- 5/8" gypsum sheathing as specified
- Continuous peninsula framing
- 1" nominal cell foam insulation
- 3" nominal cell foam insulation
- Wall covering
- Stop bead, spray foil tape, covered with 12" at door #122B, 10" at door #125A
- Window system as scheduled and specified
- Continuously paintable exterior caulk
- Center street as specified
- Encapsulated fiberglass batt insulation as scheduled and as noted on building sections
- Encapsulated fiberglass batt insulation as specified and as noted on building sections
- 5" width fully adhered butyl flashing tape
- Attachment requirement with mechanical fasteners
- Do not caulk trim to louver frame at head
- Continuous louver anchoring angle with attic security grille curtain jamb guides per details

**ATTIC**

- 1x nominal MDF jamb extensions finished to match specified manufacturer
- 1x nominal cell foam insulation
- Cellulose fill of frame voids
- Typical.
- Window framing
- Window nailing flange set in continuous sealant joint
- Continuous 2x nominal ripped wood blocking at nailbase panel
- Light gauge metal jamb extensions finished to match specified manufacturer
- 5/8" gypsum sheathing as specified
- Continuous peninsula framing
- 1" nominal cell foam insulation
- 3" nominal cell foam insulation
- Wall covering
- Stop bead, spray foil tape, covered with 12" at door #122B, 10" at door #125A
- Window system as scheduled and specified
- Continuously paintable exterior caulk
- Center street as specified
- Encapsulated fiberglass batt insulation as scheduled and as noted on building sections
- Encapsulated fiberglass batt insulation as specified and as noted on building sections
- 5" width fully adhered butyl flashing tape
- Attachment requirement with mechanical fasteners
- Do not caulk trim to louver frame at head
- Continuous louver anchoring angle with attic security grille curtain jamb guides per details
Provide continuous bead of colored and paintable line of finished face of wall. Along casework approximate line of soffit assembly.

Sidesplash joints provide 1/2" scribe filler at top of cabinet face. Scribe and cope to 3/4". Maintain 1/8" clearance from top of door to soffit assembly. Typical. Adjustments from top of door to soffit assembly. Typical.

Verify all conditions in clearance from top of door to type to be 1' - 1" U.O.N. Sidesplash as noted. Schedules and applicable trades.


Adjustable shelves provide 1/2" scribe filler at top of cabinet face. Scribe and cope to 3/4". Maintain 1/8" clearance from top of door to soffit assembly. Typical. Adjacent shelves, at all edges. Typical.


Provide 1/2" scribe filler at top of cabinet face. Scribe and cope to 3/4" backsplash as noted. Schedules and applicable trades. Typical for all cabinets assemblies. Plastic laminate finish, as noted. Electrical receptacles. Typical. Adjacent shelves, at all edges. Typical.

Provide 1/2" scribe filler at top of cabinet face. Scribe and cope to 3/4" backsplash as noted. Schedules and applicable trades. Typical for all cabinets assemblies. Plastic laminate finish, as noted. Electrical receptacles. Typical. Adjacent shelves, at all edges. Typical.
NEW FACILITY FOR THE
CARVER POLICE
DEPARTMENT

JACUNSKI HUMES
ARCHITECTS, LLC
3 CENTER STREET
CARVER, MASSACHUSETTS

JH1830
As Noted
OCTOBER 2, 2019

DETENTION AREA ELEVATIONS

1. DETENTION AREA ELEVATION FROM WITHIN PRIS. PROC. 4122 TOWARDS BOOK 4123 & BOOK 4124.

2. DETENTION AREA ELEVATION FROM WITHIN PRIS. PROC. 4122 TOWARDS SHWR. 4120 FRONT.

3. DETENTION AREA ELEVATION FROM WITHIN HALL 4116 TOWARDS CELL 4115 AND CELL 4117 FRONTS.

4. DETENTION AREA ELEVATION FROM WITHIN PRIS. PROC. 4122 TOWARDS B.C. CELL 4120 FRONT.

MARK
DATE
DESCRIPTION
10/2/19
BIDDING RELEASE
1. DETENTION AREA ELEVATION FROM WITHIN PRIS. PROC. 4122 TOWARDS BOOK 4123 & BOOK 4124.

2. DETENTION AREA ELEVATION FROM WITHIN PRIS. PROC. 4122 TOWARDS SHWR. 4120 FRONT.

3. DETENTION AREA ELEVATION FROM WITHIN HALL 4116 TOWARDS CELL 4115 AND CELL 4117 FRONTS.

4. DETENTION AREA ELEVATION FROM WITHIN PRIS. PROC. 4122 TOWARDS B.C. CELL 4120 FRONT.

MARK
DATE
DESCRIPTION
10/2/19
BIDDING RELEASE
FACE OF CELL WALL. SEE PLANS.

MAXIMUM SPACING.

BALANCE OF WALL CONSTRUCTION PER WALL TYPE REQUIREMENTS. REFERENCE PLANS AND SCHEDULES.

1" R BULLNOSE AT ALL MASONRY OUTSIDE 1" CORNERS UNLESS OTHERWISE NOTED.

3/16" THICK PAINTED STEEL CEILING PANELS. 40" WIDE EXPOSED FACE MAXIMUM.

SCHEDULED, GROUTED SOLID.

CONTINUOUS METAL SHIM AT ENTIRE AREA SUBMISSION & REVISIONS.

3'-0" CLEAR UNLESS OTHERWISE NOTED.

DETAILED AND SPECIFIED.

AS DETAILED AND SPECIFIED.

CONTINUOUS SECURITY CAULK AT ENTIRE PERIMETER.  TYPICAL.

5 DETENTION AREA - CELL STEEL CEILING (CMU WALL)

6 DETENTION AREA - CELL STEEL CEILING (CMU WALL)

8" GLAZING EQUAL

7/64" (12 GAUGE) MILD STEEL PLENUM BOX AND DUCT COLLAR, FULLY WELDED, WITH FACTORY FINISH.

3/8" DIAMETER EMBEDDED ANCHOR BOLTS AT 8" O.C. SPACING IN CONCRETE FLOOR ALONG BASE PLATE PERIMETERS. TYPICAL.

7/64" (12 GAUGE) MILD STEEL PLENUM BOX AND DUCT COLLAR, FULLY WELDED, WITH FACTORY FINISH.

3/8" DIAMETER EMBEDDED ANCHOR BOLTS AT 8" O.C. SPACING IN CONCRETE FLOOR ALONG BASE PLATE PERIMETERS. TYPICAL.

PANELS. 40" WIDE EXPOSED FACE MAXIMUM.

SCHEDULED, GROUTED SOLID.

CONTINUOUS METAL SHIM AT ENTIRE AREA SUBMISSION & REVISIONS.

3'-0" CLEAR UNLESS OTHERWISE NOTED.

DETAILED AND SPECIFIED.

AS DETAILED AND SPECIFIED.

CONTINUOUS SECURITY CAULK AT ENTIRE PERIMETER.  TYPICAL.

5 DETENTION AREA - CELL STEEL CEILING (CMU WALL)

6 DETENTION AREA - CELL STEEL CEILING (CMU WALL)

8" GLAZING EQUAL

7/64" (12 GAUGE) MILD STEEL PLENUM BOX AND DUCT COLLAR, FULLY WELDED, WITH FACTORY FINISH.

3/8" DIAMETER EMBEDDED ANCHOR BOLTS AT 8" O.C. SPACING IN CONCRETE FLOOR ALONG BASE PLATE PERIMETERS. TYPICAL.

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3/8" DIAMETER EMBEDDED ANCHOR BOLTS AT 8" O.C. SPACING IN CONCRETE FLOOR ALONG BASE PLATE PERIMETERS. TYPICAL.

PANELS. 40" WIDE EXPOSED FACE MAXIMUM.

SCHEDULED, GROUTED SOLID.

CONTINUOUS METAL SHIM AT ENTIRE AREA SUBMISSION & REVISIONS.

3'-0" CLEAR UNLESS OTHERWISE NOTED.

DETAILED AND SPECIFIED.

AS DETAILED AND SPECIFIED.

CONTINUOUS SECURITY CAULK AT ENTIRE PERIMETER.  TYPICAL.

5 DETENTION AREA - CELL STEEL CEILING (CMU WALL)

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PANELS. 40" WIDE EXPOSED FACE MAXIMUM.

SCHEDULED, GROUTED SOLID.

CONTINUOUS METAL SHIM AT ENTIRE AREA SUBMISSION & REVISIONS.

3'-0" CLEAR UNLESS OTHERWISE NOTED.

DETAILED AND SPECIFIED.

AS DETAILED AND SPECIFIED.
INSTALL GRAPHIC, AS SHOWN, WITHIN EPOXY FACE OF CELL WALL. SEE PLANS. BELOW TOP COAT.

2x8 NOM. P.T. WOOD LEDGER CONTRASTING COLOR.

2x8 NOM. WOOD JOISTS AT 12" O.C.

EPOXY FLOORING JOIST HANGERS AT EACH JOIST END

3/16" DIAMETER x 3" EMBEDMENT EXPANSION ANCHOR BOLTS AT 12" O.C. MAXIMUM SPACING. ALTERNATE/STAGGER TOP AND BOTTOM OF LEDGER. MAINTAIN 1-1/2" OFFSET FROM ALL MASONRY HEADJOINTS.

EACH SQUARE REPRESENTS 1"x1"

BALANCE OF WALL CONSTRUCTION PER WALL TYPE: 3/4" TOUNGUE AND GROOVE PLYWOOD SHEATHING GLUED AND CLICED CORNERS UNLESS OTHERWISE NOTED.

MASONRY WALL SYSTEM, AS PRIMED AND PAINTED AS SCHEDULED.

CONTINUOUS NON-METALLIC TAPEABLE JOINTER BEAD AT ENTIRE PERIMETER. SECURITY CAULK ENTIRE PERIMETER. REFERENCE ELECTRICAL-MECHANICAL DRAWINGS.

EXPANSION ANCHOR FASTENERS INTO WALL TYPE, AS SCHEDULED, GROUTED CONTINUOUS SECURITY CAULK AT ENTIRE PERIMETER OF SECURITY CEILING. VERIFY DUCT DIAMETER REQUIREMENTS.

GAP AT FACE OF Lintel TO CMU SPECIFIED

STEEL PLATE STILE & RAIL SLIDING DOOR ASSEMBLY AS SPECIFIED

IMPACT RATED GLAZING AS SPECIFIED.

3'-2 3/8" SLIDING DOOR

3 1/4" IMPACT RESISTANT HOUSING. TYPICAL.

3 1/4" PAINTED STEEL PLATE SLIDING CELL DOOR ASSEMBLY AS SPECIFIED.

1 3/8" WALL TYPE, AS SCHEDULED, GROUTED CONTINUOUS SECURITY CAULK AT ENTIRE PERIMETER. SECURITY NUTS. TYPICAL OF 4. 1/8" HOLE HOLES STAGGERED ON 5/16" CENTERS.

7 DETENTION AREA - GYPSUM SECURITY CEILING (CMU WALL)

4 DETENTION AREA - FOOTPRINT GRAPHIC

SCALE: 3" = 1'-0"

DEPARTMENT CARVER POLICE

CARVER, MASSACHUSETTS

3 1/4" MATCH BALANCE OF CELL. TYPICAL.

1' - 0 1/4" PLENUM BOX

1' - 2" CEILING CUT OUT

11 1/2" CLEAR OPENING

1' - 0" ROUND 4 1/2" CAMER HOUSING

1 1/2" CLOSURE PLATE FACE PLATE PLAN VIEW VIEWED FROM CELL INTERIOR

1/2" DIA. BOLT HOLES. TYPICAL.

OUTLINE OF PLENUM BOX BEYOND.

OUTLINE OF CEILING CUT OUT BEYOND.

3/8" DIA. x 3/4" STAINLESS STEEL (RANDOM ORBIT GRIND SMOOTH ALL WELDS)

PER FLOOR PLATE.

PER FOR FLOOR PLATE.

3/16" (12 GAUGE) STAINLESS STEEL (RANDOM ORBIT GRIND SMOOTH ALL WELDS)

3/16" (7 GAUGE) x 8" SQUARE PERFORATED VENT PLATE WITHIN PLENUM.

1/2" R TYPICAL ALL CORNERS

1/2"R. TYPICAL.

1/8" (11 GAUGE) STAINLESS STEEL (RANDOM ORBIT GRIND SMOOTH ALL WELDS)

7'-4" A.F.F.

1 1/2" HANDCUFF RING.

SOLID WITH STANDARD #4 FINISH.

7/64" (12 GAUGE) MILD STEEL PLENUM BOX AND DUCT COLLAR, FULLY WELDED, WITH FACTORY FINISH.

VENT FACE PLATE CONTINUOUS BENEATH FLOOR PLATE.

7/64" (12 GAUGE) MILD STEEL PLENUM BOX AND DUCT COLLAR, FULLY WELDED, WITH FACTORY FINISH.

VENT FACE PLATE CONTINUOUS BENEATH FLOOR PLATE.

1" TYP.

3/16" (7 GAUGE) x 8" SQUARE PERFORATED VENT PLATE WITHIN PLENUM.

1/2" DIA. BOLT HOLES. TYPICAL.

OUTLINE OF PLENUM BOX BEYOND.

OUTLINE OF CEILING CUT OUT BEYOND.

3/8" DIA. x 3/4" STAINLESS STEEL (RANDOM ORBIT GRIND SMOOTH ALL WELDS)

PER FLOOR PLATE.

PER FOR FLOOR PLATE.

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OUTLINE OF PLENUM BOX BEYOND.

OUTLINE OF CEILING CUT OUT BEYOND.

3/8" DIA. x 3/4" STAINLESS STEEL (RANDOM ORBIT GRIND SMOOTH ALL WELDS)

PER FLOOR PLATE.

PER FOR FLOOR PLATE.

3/16" (7 GAUGE) x 8" SQUARE PERFORATED VENT PLATE WITHIN PLENUM.

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OUTLINE OF CEILING CUT OUT BEYOND.

3/8" DIA. x 3/4" STAINLESS STEEL (RANDOM ORBIT GRIND SMOOTH ALL WELDS)

PER FLOOR PLATE.

PER FOR FLOOR PLATE.

3/16" (7 GAUGE) x 8" SQUARE PERFORATED VENT PLATE WITHIN PLENUM.

1/2" DIA. BOLT HOLES. TYPICAL.

OUTLINE OF PLENUM BOX BEYOND.

OUTLINE OF CEILING CUT OUT BEYOND.

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PER FLOOR PLATE.

PER FOR FLOOR PLATE.

3/16" (7 GAUGE) x 8" SQUARE PERFORATED VENT PLATE WITHIN PLENUM.

1/2" DIA. BOLT HOLES. TYPICAL.

OUTLINE OF PLENUM BOX BEYOND.

OUTLINE OF CEILING CUT OUT BEYOND.
### CASEWORK ELEVATION S ON A-10.3
- Wood crash rail per detail 4/A-10.8
- 4" height wall base. See casework elevations H and P on A-10.2.

### TRAVEL CLASSROOM TRAINING CLASSROOM
1. Solid vinyl tile (up to single resin wall coating)
2. Ceramic wall paint (satin)
3. Ceramic tile
4. Porcelain tile
5. Wall base for porcelain tile
6. Carpet tile
7. Solid vinyl tile (up to single resin wall coating)

### DAY ROOM
- Tile - rubber floor dissipative
electrostatically
- Rubber floor (ly dissipa
tive)
- Solid vinyl tile
- Ceramic wall paint (satin)
- Ceramic tile
- Porcelain tile
- Wall base for porcelain tile
- Carpet tile

### WALL BASE PER DETAIL 1/A-10.8
- See casework elevation Q.

### CLEAN 151
- See elevation 3/F-1.1, casework elevation.
2. All finishes shall be applied, prepped and finished in accordance with manufacturer's specifications and recommendations for the particular substrate.

3. Protect finished work installed by other trades prior to work under this section or noted as applicable.

4. All trim to be painted P-01.

5. Refer to wall finish plan F-1.1 for locations of accent walls within rooms or areas.

6. Grout joints for cove base and floor tile to line up. Provide all associated edge and corner protection.

7. Opaque and translucent systems for all glass applications.

8. Refer to wall finish plan F-1.1 for locations of accent walls within rooms or areas.

9. Flooring transitions to be ADA compliant, in color to be selected by designer.

10. All wood moldings to be stained to match wood doors — see architect for control samples.

11. All trim to be painted P-01.

12. Paint all exterior metal protection bollards, hollow metal doors/frames and decorative tile trim pieces as required.

13. Grout joints for cove base and floor tile to line up. Provide all associated edge and corner protection.

14. Paint all exterior metal protection bollards, hollow metal doors/frames and decorative tile trim pieces as required.

15. All work performed in accordance with manufacturer's specifications and recommendations.

16. All work performed in accordance with architect's specifications and recommendations.

17. All work performed in accordance with owner's specifications and recommendations.

18. All work performed in accordance with contractor's specifications and recommendations.

19. All work performed in accordance with engineer's specifications and recommendations.

20. All work performed in accordance with designer's specifications and recommendations.

21. All work performed in accordance with trade's specifications and recommendations.
### OUTBUILDING FINISHES PLAN - ADD ALTERNATE #1

![Diagram of Carver Police Department New Facility]

### OUTBUILDING FINISHES SCHEDULE - ADD ALTERNATE #1

<table>
<thead>
<tr>
<th>Room No.</th>
<th>Room Name</th>
<th>Floor</th>
<th>Wall</th>
<th>Base</th>
<th>Walls</th>
<th>Trim</th>
<th>Ceiling</th>
<th>Casework</th>
<th>Comments</th>
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<tbody>
<tr>
<td>B01</td>
<td>PHYSICAL TRAINING</td>
<td>RTF-01</td>
<td>RB-03</td>
<td>P-02</td>
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<td>B03</td>
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<td>B07</td>
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**Scale:** 1/8" = 1'-0"
NEW FACILITY FOR THE
CARVER POLICE
DEPARTMENT

3 CENTER STREET
CARVER, MASSACHUSETTS

INTERIOR
ELEVATIONS

F-2.1

INTERIOR SOUTH ELEVATION AT TRAINING CLASSROOM #300

INTERIOR EAST ELEVATION AT TRAINING CLASSROOM #300

INTERIOR NORTH ELEVATION AT TRAINING CLASSROOM #300

INTERIOR WEST ELEVATION AT TRAINING CLASSROOM #300

INTERIOR WEST ELEVATION AT TRAINING CLASSROOM #300

F-2.1

10/2/19
BIDDING RELEASE

JACUNSKI HUMES
ARCHITECTS, LLC
11 MASSIMO DRIVE
SUITE 301
BERLIN, CT 06037
TEL: 860-685-0231
FAX: 860-685-0928

1 INTERIOR WEST ELEVATION AT TRAINING CLASSROOM #300
2 INTERIOR EAST ELEVATION AT TRAINING CLASSROOM #300
3 INTERIOR NORTH ELEVATION AT TRAINING CLASSROOM #300
4 INTERIOR SOUTH ELEVATION AT TRAINING CLASSROOM #300
### MANUFACTURER
- **RP-1**
- **AMTROL**

### MODEL #
- **007-SF5**
- **ST-12-C**

### SYMBOLOGY
- TACO

### REMARKS

#### WATER RETURN SYSTEM

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<thead>
<tr>
<th>Manufacturer</th>
<th>Voltage</th>
<th>Phase</th>
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<tr>
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<td>115</td>
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### INSTALLATION REQUIREMENTS
- INSTALL PER MA CODE AND MANUFACTURER'S REQUIREMENTS.
- INSTALL PER ALL MA CODE AND MANUFACTURER'S INSTALLATION REQUIREMENTS.

### NEW FACILITY FOR THE CARVER POLICE DEPARTMENT

3 CENTER STREET
CARVER, MASSACHUSETTS

### PLUMBING LEGEND AND SCHEDULES

#### PLUMBING LEGEND

<table>
<thead>
<tr>
<th>Legend</th>
<th>Description</th>
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<tbody>
<tr>
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<td>R</td>
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#### THERMOSTATIC MIXING VALVE SCHEDULE

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<th>Model</th>
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#### Expansion Tank Schedule

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<td>6.4 Gallons</td>
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#### Recirculation Pump Schedule

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NEW FACILITY FOR THE
CARVER POLICE DEPARTMENT
3 CENTER STREET
CARVER, MASSACHUSETTS

PLUMBING FLOOR PLAN
(OUTBUILDING)
### Mechanical Legend

### Schedules

#### Electric Plan Schedules

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#### Mechanical Plan Schedules

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### NEW FACILITY FOR THE
### CARVER POLICE DEPARTMENT
### CENTER STREET  CARVER, MASSACHUSETTS

#### BRANCH CIRCUIT CONTROLLER (BCC) SCHEDULE

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#### MECHANICAL SCHEDULES

### ELECTRIC SCHEDULE

<table>
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<tr>
<th>Equipment</th>
<th>Description</th>
<th>Location</th>
<th>Type</th>
<th>Model</th>
<th>Size</th>
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<th>notes</th>
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<tbody>
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### LIGHTING SCHEDULE

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### HEATING, VENTILATION, AND AIR CONDITIONING SCHEDULES

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### PLUMBING SCHEDULE

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NEW FACILITY FOR THE
CARVER POLICE
DEPARTMENT
3 CENTER STREET
CARVER, MASSACHUSETTS

MECHANICAL DUCTWORK
ATTIC PLAN

1/8"=1'-0"
NEW FACILITY FOR THE CARVER POLICE DEPARTMENT

3 CENTER STREET
CARVER, MASSACHUSETTS

MECHANICAL PIPING FLOOR PLAN

1/8" = 1'-0"