03 - ARCHITECTURAL
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
A-000	INDEX OF DRAWINGS		
A-001	AVON PLANS AND ELEVATIONS		
A-002	SIMSBURY PLANS AND ELEVATIONS		
A-003	THOMASTON PLANS AND ELEVATIONS		
A-004	THOMASTON ELEVATIONS AND DETAILS		
A-005	DETAILS		

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

Theodore H. Nezames, P.E.
2014.09.10 11:00:17-04'00'

Manager of Bridges

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 8/26/2014

DESIGNER/DRAFTER: **SMP**

CHECKED BY: **MJS**

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: FD_MSH-ARC_0174_0373_A000.dgn

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING

APPROVED BY:

PROJECT TITLE:

THE REHABILITATION OF THE SALT SHEDS

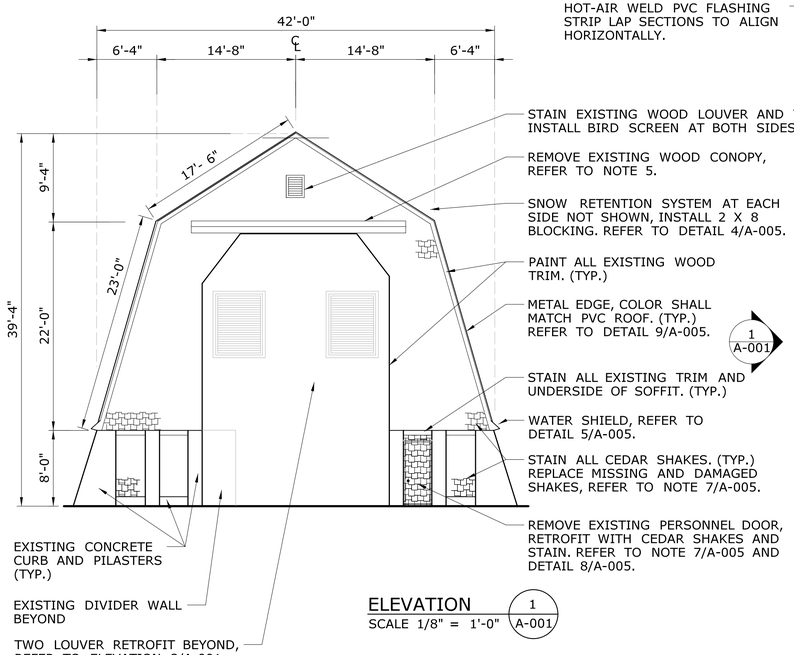
TOWN: **AVON, SIMSBURY, THOMASTON**

DRAWING TITLE: **INDEX OF DRAWINGS**

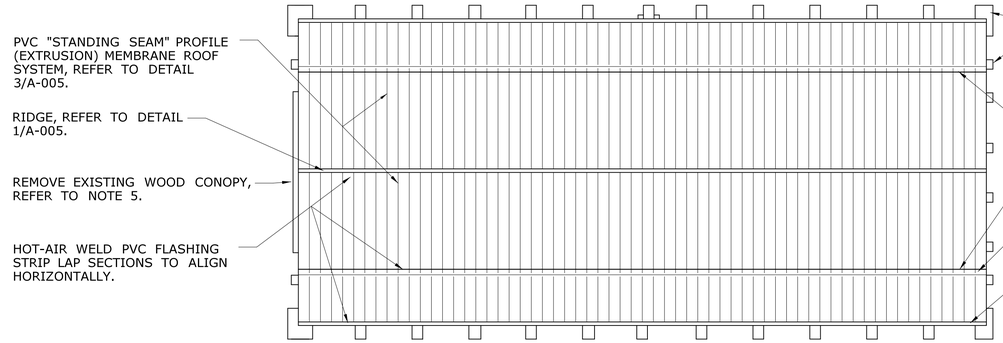
PROJECT NO. **174-373**

DRAWING NO. **A-000**

SHEET NO. **03.01**



ELEVATION 1 A-001
SCALE 1/8" = 1'-0"



ROOF PLAN
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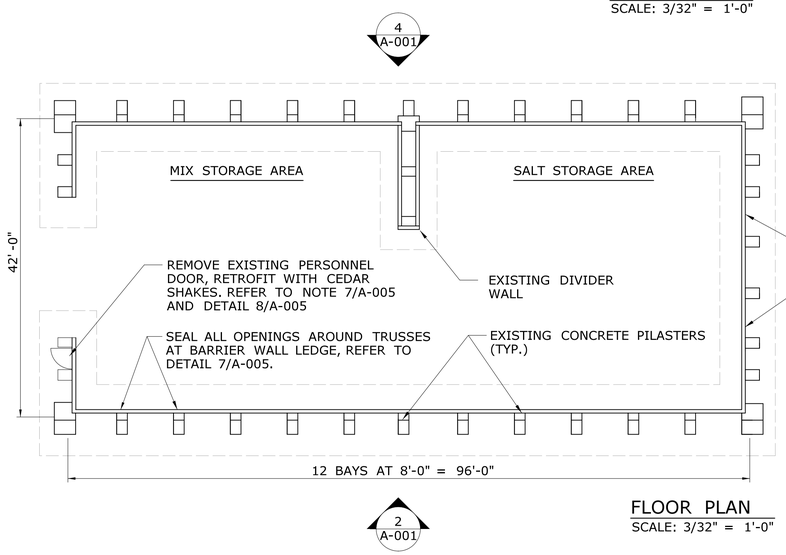
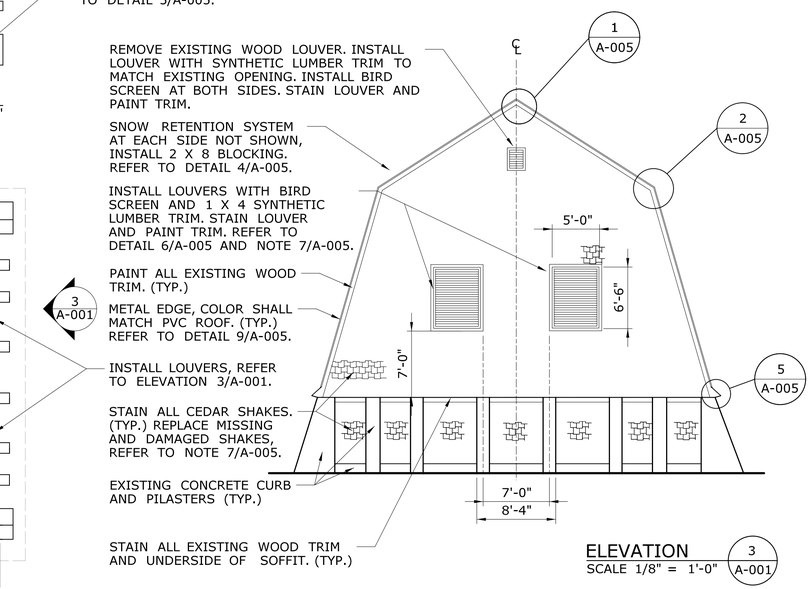


FLOOR PLAN
SCALE: 3/32" = 1'-0"



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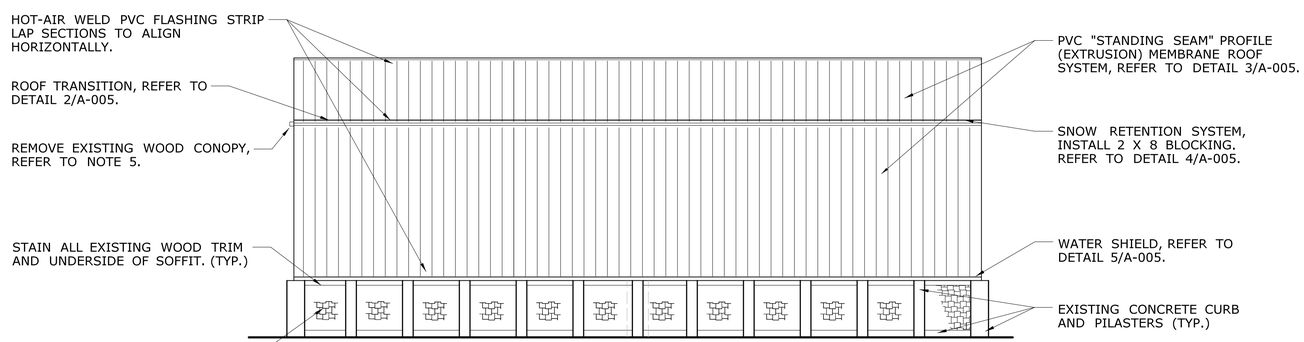
SCALE 1/8" = 1'-0"



SIDE ELEVATION 2 A-001 4 A-001
SCALE: 3/32" = 1'-0"

NOTES

1. CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND CONDITIONS.

2. ALL ITEMS ON PLANS ARE PROPOSED UNLESS LABELED EXISTING.

3. ELECTRICAL APPURTENANCES ARE NOT SHOWN.

4. REMOVE AND DISCARD EXISTING ASPHALT ROOF SHINGLES AND VAPOR BARRIER.

5. INSTALL CEDAR SHAKES, SHEATHING AND BLOCKING TO IN-FILL WHERE CANOPY WAS REMOVED. REFER TO NOTE 7/A-005.

6. CONTRACTOR SHALL INSTALL FULL LENGTH PVC EXTRUSIONS. IF REQUIRED, INSTALL SHORTER SECTIONS ONLY AT ROOF TRANSITION.

7. DESIGN LIVE LOADS ARE 53 PSF OVER HALF OF THE ROOF AND 43 PSF OVER THE ENTIRE ROOF.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 8/26/2014

DESIGNER/DRAFTER: SMP
CHECKED BY: MJS
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: FD_MSH-ARC_0174_0373_A001.dgn

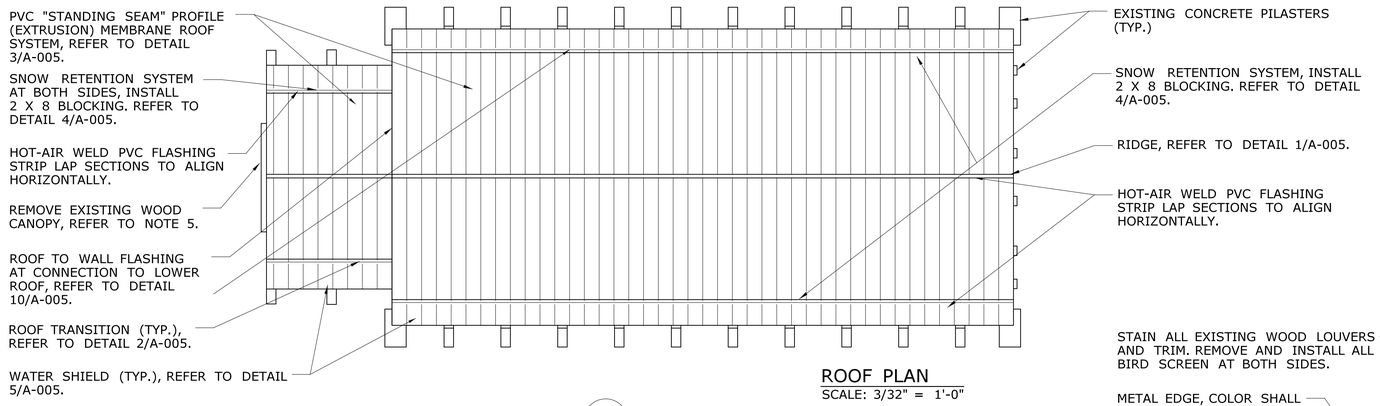
SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE: THE REHABILITATION OF THE SALT SHEDS

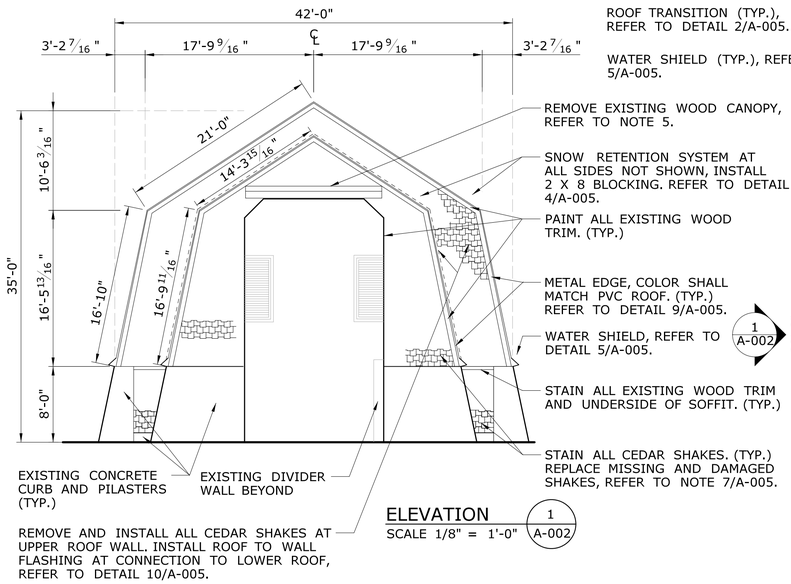
TOWN: AVON, SIMSBURY, THOMASTON

DRAWING TITLE: AVON PLANS AND ELEVATIONS

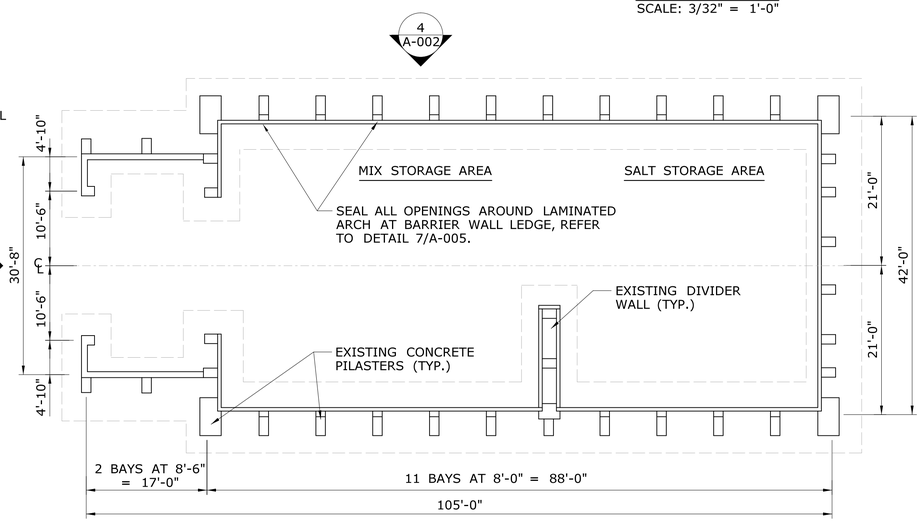
PROJECT NO. 174-373
DRAWING NO. A-001
SHEET NO. 03.02



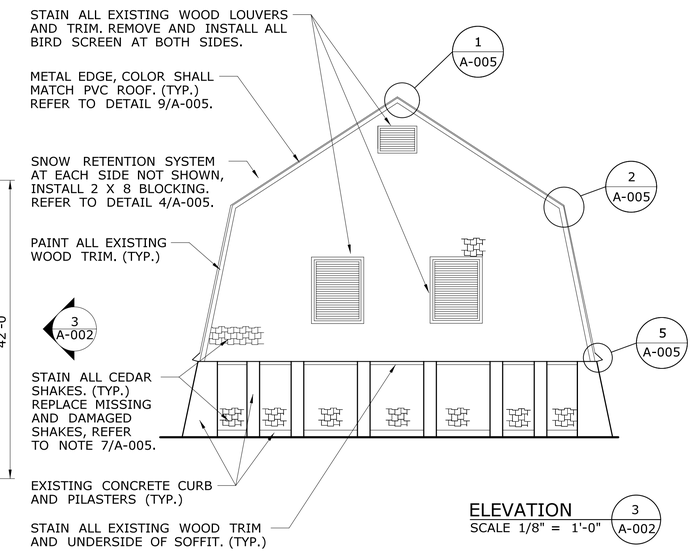
ROOF PLAN
SCALE: 3/32" = 1'-0"



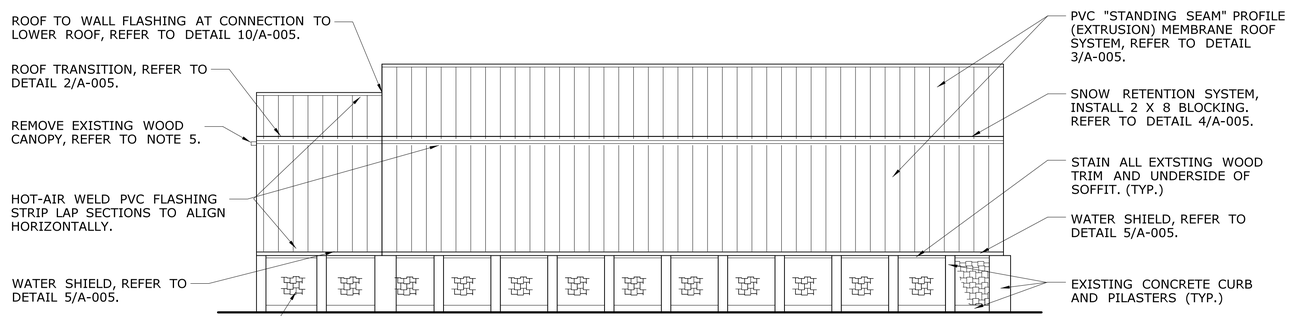
ELEVATION 1 A-002
SCALE 1/8" = 1'-0"



FLOOR PLAN
SCALE: 3/32" = 1'-0"



ELEVATION 3 A-002
SCALE 1/8" = 1'-0"



SIDE ELEVATION 2 A-002 4 A-002
SCALE: 3/32" = 1'-0"

NOTES

1. CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND CONDITIONS.
2. ALL ITEMS ON PLANS ARE PROPOSED UNLESS LABELED EXISTING.
3. ELECTRICAL APPURTENANCES ARE NOT SHOWN.
4. REMOVE AND DISCARD EXISTING ASPHALT ROOF SHINGLES AND VAPOR BARRIER.
5. INSTALL CEDAR SHAKES, SHEATHING AND BLOCKING TO IN-FILL WHERE CANOPY WAS REMOVED. REFER TO NOTE 7/A-005.
6. CONTRACTOR SHALL INSTALL FULL LENGTH PVC EXTRUSIONS. IF REQUIRED, INSTALL SHORTER SECTIONS ONLY AT ROOF TRANSITION.
7. DESIGN LIVE LOADS ARE 53 PSF OVER HALF OF THE ROOF AND 43 PSF OVER THE ENTIRE ROOF.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 8/26/2014

DESIGNER/DRAFTER: **SMP**
CHECKED BY: **MJS**
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: FD_MSH-ARC_0174_0373_A002.dgn

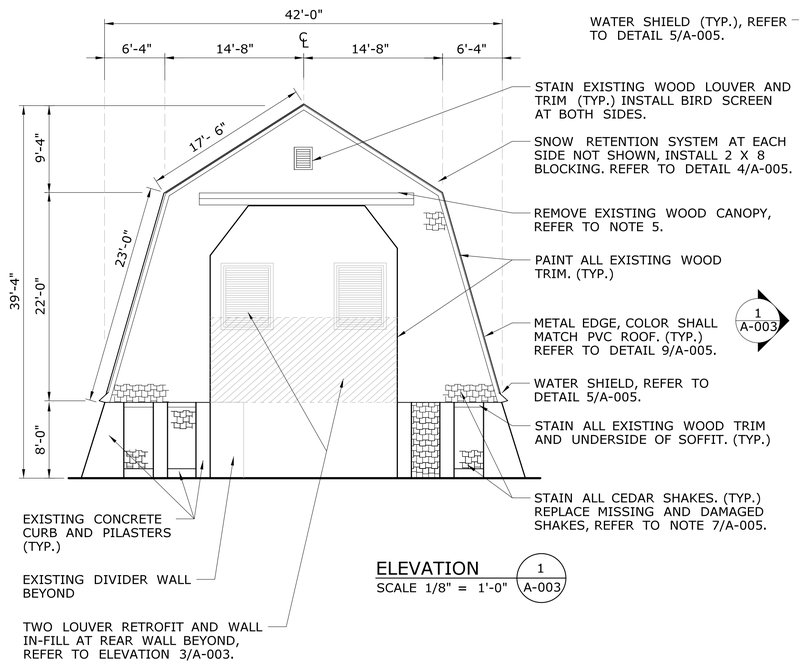
SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
THE REHABILITATION OF THE SALT SHEDS

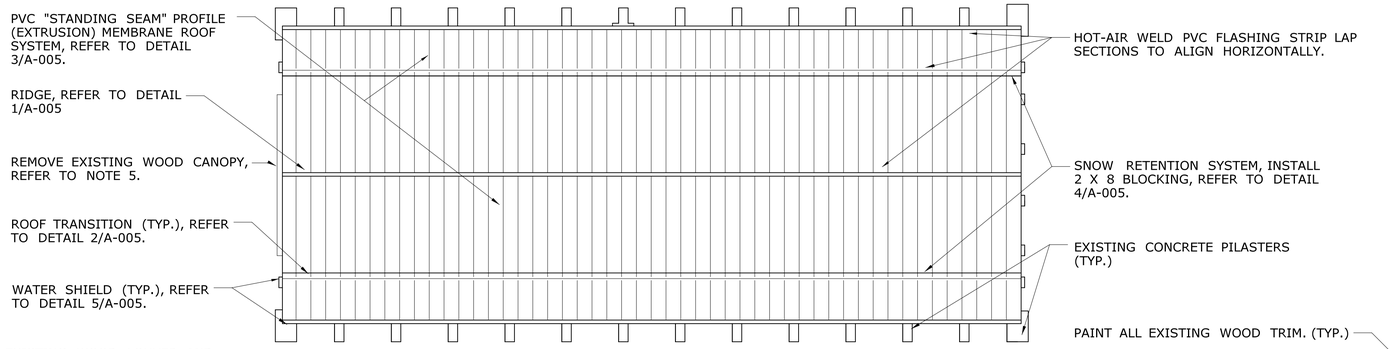
TOWN:
AVON, SIMSBURY, THOMASTON

DRAWING TITLE:
SIMSBURY PLANS AND ELEVATIONS

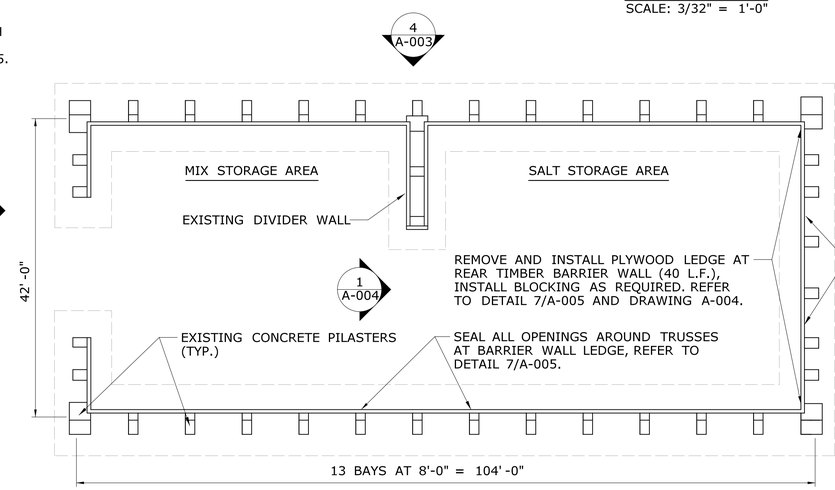
PROJECT NO. **174-373**
DRAWING NO. **A-002**
SHEET NO. **03.03**



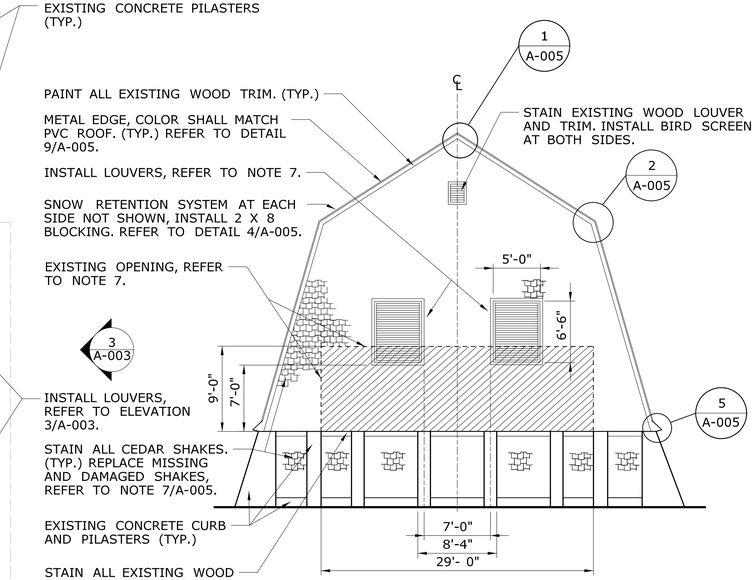
ELEVATION 1 / A-003
SCALE 1/8" = 1'-0"



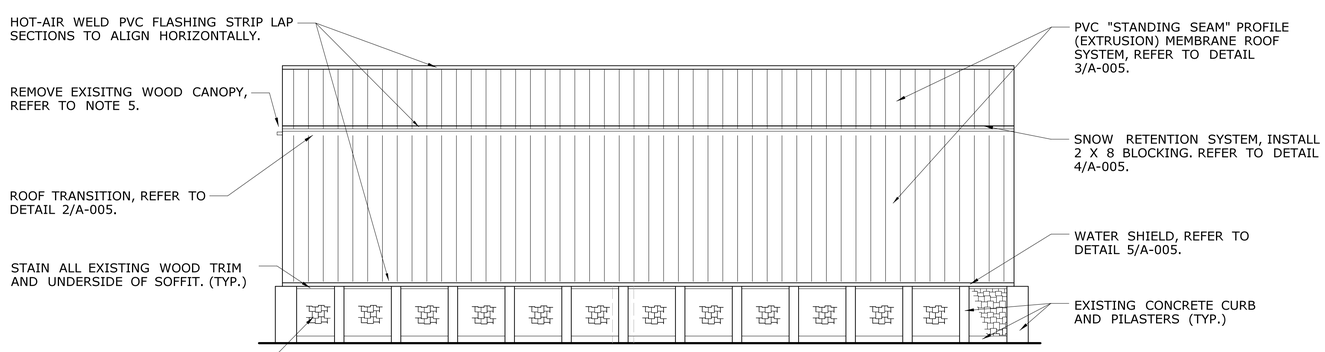
ROOF PLAN
SCALE: 3/32" = 1'-0"



FLOOR PLAN
SCALE: 3/32" = 1'-0"



ELEVATION 3 / A-003
SCALE 1/8" = 1'-0"



SIDE ELEVATION 2 / A-003 4 / A-003
SCALE: 3/32" = 1'-0"

NOTES

1. CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND CONDITIONS.

2. ALL ITEMS ON PLANS ARE PROPOSED UNLESS LABELED EXISTING.

3. ELECTRICAL APPURTENANCES ARE NOT SHOWN.

4. REMOVE AND DISCARD EXISTING ASPHALT ROOF SHINGLES AND VAPOR BARRIER.

5. INSTALL CEDAR SHAKES, SHEATHING AND BLOCKING TO IN-FILL WHERE CANOPY WAS REMOVED. REFER TO NOTE 7/A-005.

6. CONTRACTOR SHALL INSTALL FULL LENGTH PVC EXTRUSIONS. IF REQUIRED, INSTALL SHORTER SECTIONS ONLY AT ROOF TRANSITION.

7. REMOVE TEMPORARY PLASTIC PROTECTION. IN-FILL OPENING; INSTALL CEDAR SHAKES, UNDERLAYMENT, SHEATHING AND BLOCKING TO MATCH EXISTING. REFER TO DRAWING A-004.

INSTALL LOUVERS WITH BIRD SCREENS AND 1 X 4 SYNTHETIC LUMBER TRIM AS SHOWN ON ELEVATION. REFER TO DETAIL 6/A-005.

STAIN CEDAR SHAKES AND LOUVERS. PAINT SYNTHETIC LUMBER TRIM. (TYP.)

8. DESIGN LIVE LOADS ARE 55 PSF OVER HALF OF THE ROOF AND 43 PSF OVER THE ENTIRE ROOF.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 8/26/2014

DESIGNER/DRAFTER: SMP
CHECKED BY: MJS
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: FD_MSH-ARC_0174_0373_A003.dgn

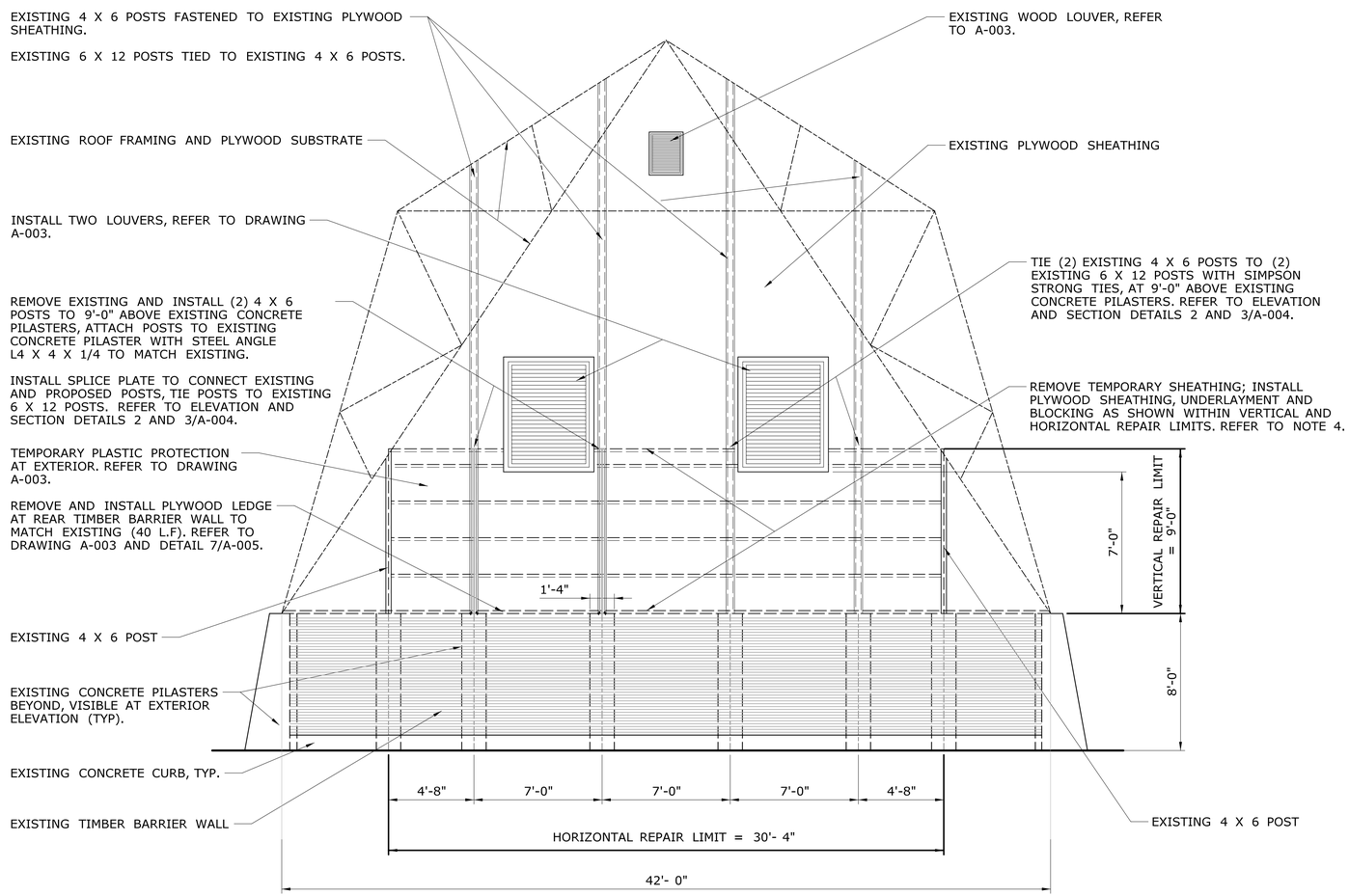
SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
THE REHABILITATION OF THE SALT SHEDS

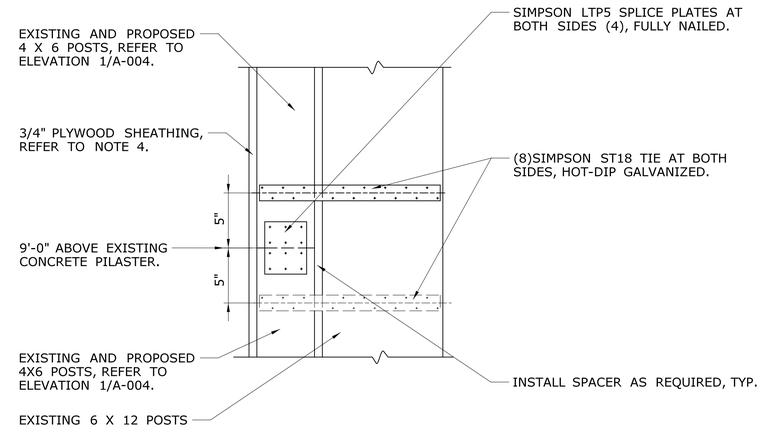
TOWN:
AVON, SIMSBURY, THOMASTON

DRAWING TITLE:
THOMASTON PLANS AND ELEVATIONS

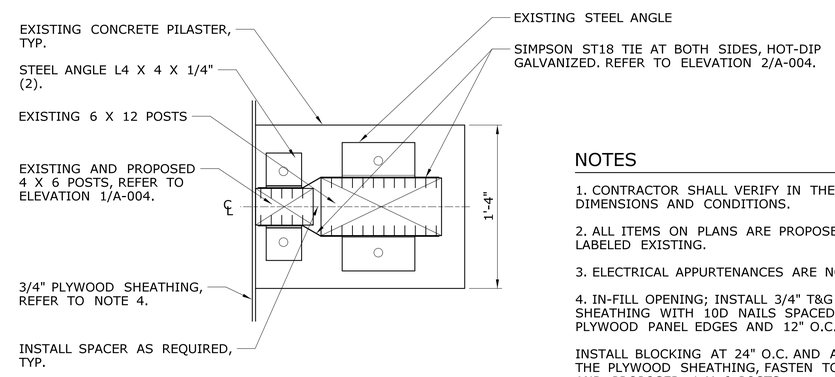
PROJECT NO. 174-373
DRAWING NO. A-003
SHEET NO. 03.04



INTERIOR ELEVATION (1 / A-004)
NOT TO SCALE



ELEVATION DETAIL (2 / A-004)
SCALE 1/8" = 1'-0"



SECTION DETAIL (3 / A-004)
SCALE 1/8" = 1'-0"

NOTES

1. CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND CONDITIONS.

2. ALL ITEMS ON PLANS ARE PROPOSED UNLESS LABELED EXISTING.

3. ELECTRICAL APPURTENANCES ARE NOT SHOWN.

4. IN-FILL OPENING; INSTALL 3/4" T&G CDX PLYWOOD SHEATHING WITH 10D NAILS SPACED 6" O.C. AT ALL PLYWOOD PANEL EDGES AND 12" O.C. IN FIELD.

INSTALL BLOCKING AT 24" O.C. AND AT ALL EDGES OF THE PLYWOOD SHEATHING, FASTEN TO THE EXISTING AND PROPOSED 4 X 6 POSTS.

5. INSTALL PREASSURE-TREATED SOUTHERN PINE POSTS, GRADE 1 WITH THE FOLLOWING CHARACTERISTICS.

Fb = 1450 psi (EXTREME FIBER IN BENDING)
Fv = 90 psi (HORIZONTAL SHEAR)
Fc = 1250 psi (COMPRESSION PARALLEL TO GRAIN)
Ft = 975 psi (TENSION PARALLEL TO GRAIN)
E = 1,700,000 psi (MODULUS OF ELASTICITY)

6. DESIGN LIVE LOADS ARE 55 PSF OVER HALF OF THE ROOF AND 43 PSF OVER THE ENTIRE ROOF.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 8/26/2014

DESIGNER/DRAFTER: SMP
CHECKED BY: MJS
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: FD_MSH-ARC_0174_0373_A004.dgn

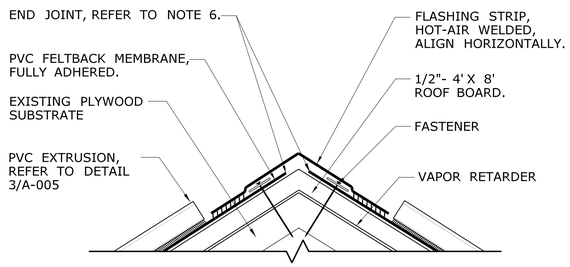
SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE: THE REHABILITATION OF THE SALT SHEDS

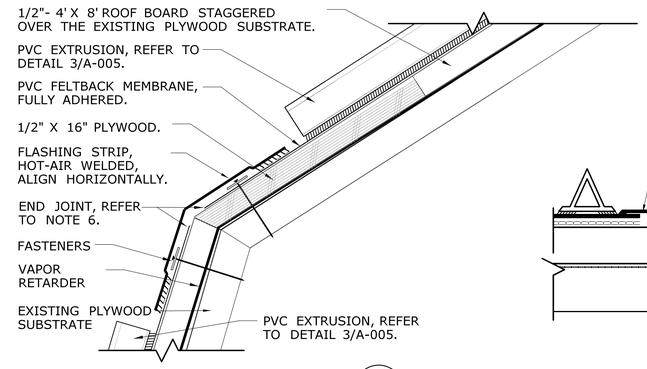
TOWN: AVON, SIMSBURY, THOMASTON

DRAWING TITLE: THOMASTON ELEVATION AND DETAILS

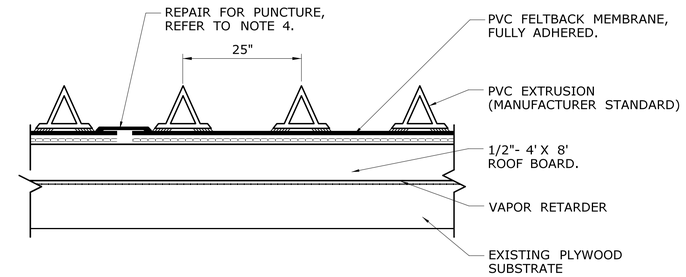
PROJECT NO. 174-373
DRAWING NO. A-004
SHEET NO. 03.05



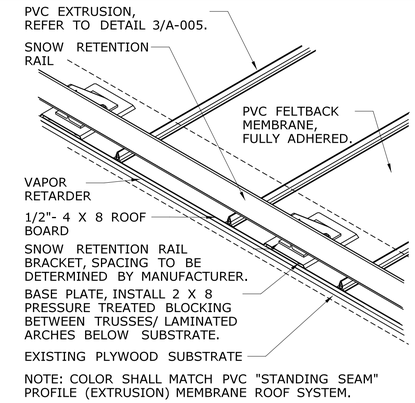
RIDGE — NOT TO SCALE — 1 / A-005



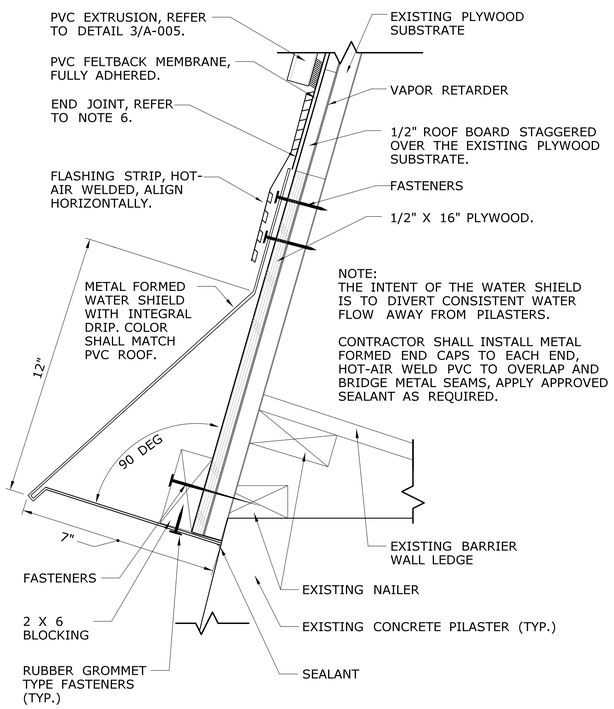
ROOF TRANSITION — NOT TO SCALE — 2 / A-005



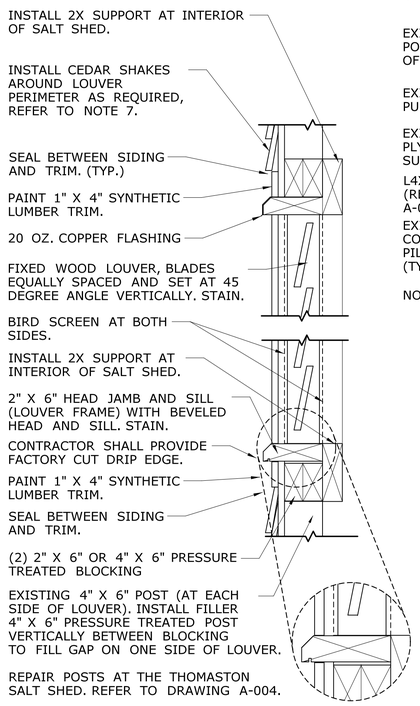
PVC DECOR PROFILE/REPAIR — NOT TO SCALE — 3 / A-005



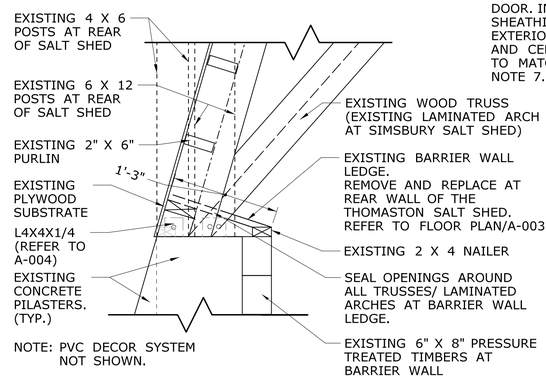
SNOW RETENTION SYSTEM — NOT TO SCALE — 4 / A-005



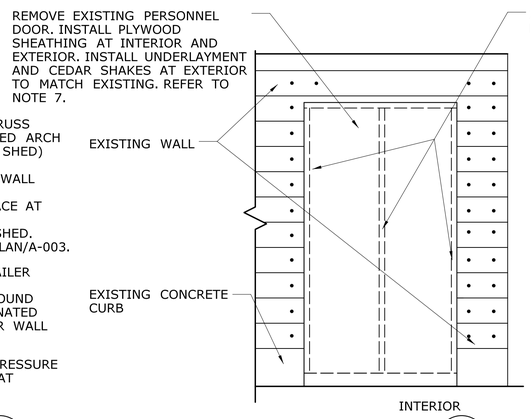
WATER SHIELD — NOT TO SCALE — 5 / A-005



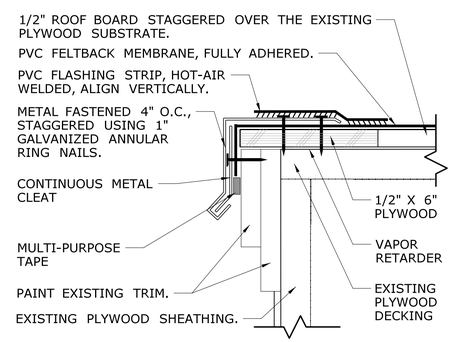
LOUVER RETROFIT — NOT TO SCALE — 6 / A-005



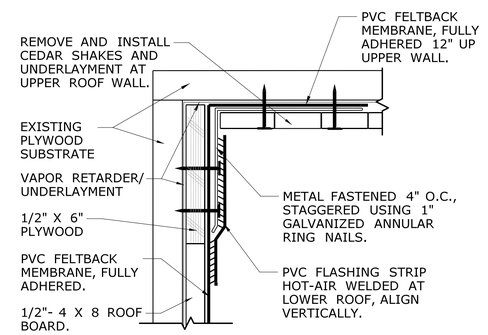
TRUSS AT TIMBER BARRIER WALL — NOT TO SCALE — 7 / A-005



PERSONNEL DOOR RETROFIT — NOT TO SCALE — 8 / A-005



SECTION DETAIL AT FASCIA — NOT TO SCALE — 9 / A-005



ROOF TO WALL FLASHING — NOT TO SCALE — 10 / A-005

NOTES

1. CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND CONDITIONS.

2. ALL ITEMS ON PLANS ARE PROPOSED UNLESS LABELED EXISTING.

3. CONTRACTOR SHALL ADD ADDITIONAL FASTENERS AT ROOF BOARD JOINTS OVER THE EXISTING PLYWOOD SUBSTRATE.

4. IN THE EVENT OF A PUNCTURE TO THE PVC MEMBRANE, THE CONTRACTOR SHALL INSTALL A FULL-WIDTH PVC SHEET BETWEEN THE PVC EXTRUSIONS FOR THE FULL LENGTH OF THE ROOF FIELD. REFER TO DETAIL 3/A-005.

5. CONTRACTOR SHALL STAGGER THE ROOF BOARD OVER THE EXISTING PLYWOOD SUBSTRATE.

6. PVC SHEET SHALL BE INSTALLED CONTINUOUS WITH NO END JOINTS AS SHOWN ON PLAN AT THE RIDGE, ROOF TRANSITION AND WATER SHIELD.

7. CONTRACTOR SHALL SALVAGE CEDAR SHAKES REMOVED FOR LOUVER INSTALLATION (AVON AND THOMASTON) AND SIMSBURY UPPER ROOF WALL CONNECTION. THESE SHAKES SHALL BE INSTALLED IN THE FOLLOWING ORDER:

A. RETROFIT PERSONNEL DOOR AT THE AVON SALT SHED.

B. IN-FILL WHERE CANOPY REMOVED AT ALL SALT SHEDS.

C. IN-FILL AROUND LOUVERS AT THE AVON AND THOMASTON SALT SHED.

D. REPLACE MISSING SHAKES IN THE FOLLOWING ORDER: AVON, SIMSBURY, THOMASTON.

E. REPLACE DAMAGED SHAKES IN THE FOLLOWING ORDER: AVON, SIMSBURY, THOMASTON.

ANY SHAKES THAT REMAIN SHALL BE TURNED OVER TO THE STATE AS SPARE PARTS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 8/26/2014

DESIGNER/DRAFTER: SMP
CHECKED BY: MJS
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: FD_MSH-ARC_0174_0373_A005.dgn

SIGNATURE/ BLOCK: OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE: THE REHABILITATION OF THE SALT SHEDS

TOWN: AVON, SIMSBURY, THOMASTON

DRAWING TITLE: DETAILS

PROJECT NO. 174-373
DRAWING NO. A-005
SHEET NO. 03.06