

GENERAL NOTES:

- DRAWINGS SHALL NOT BE SCALED. CONTACT THE ARCHITECT FOR CLARIFICATIONS.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, CERTIFICATIONS AND LICENSES, INCLUDING BONDS AS REQUIRED TO EXECUTE THE WORK.
- EACH CONTRACTOR SHALL BE REQUIRED AND IS ENCOURAGED TO MEET THE MINIMUM SAFETY OF APPLICABLE OSHA RULES AND REGULATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SAFEGUARDING THE SITE AGAINST DAMAGE AND INJURY BY EMPLOYEES OR THE GENERAL PUBLIC.
- CONTRACTOR SHALL NOT CUT, NOTCH OR OTHERWISE ALTER STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE ARCHITECT / ENGINEER UNLESS SUCH ALTERATIONS ARE SPECIFICALLY INDICATED IN THE DRAWINGS.
- ALL CONTRACTORS SHALL VISIT THE SITE PRIOR TO PROVIDING WRITTEN BIDS ON THE WORK. DISCREPANCIES FOUND DURING THIS INVESTIGATION SHALL BE REPORTED TO THE ARCHITECT. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO PERFORM WORK REASONABLY REQUIRED BY EXISTING CONDITIONS.
- THE PROJECT SITE SHALL REMAIN CLEAN AT ALL TIMES. REMOVE DEBRIS AND RUBBISH AT THE COMPLETION OF WORK.

CONTACT INFORMATION:

DESIGN CONSULTANT:
 PHILLIPS SEKANICK ARCHITECTS
 CONTACT: BRUCE SEKANICK
 142 EAST MARKET STREET
 WARREN, OH 44481
 PHONE: 330-395-9518
 FAX: 330-395-4296

PLANNING/ZONING DEPARTMENT CONTACT:
 NILES
 CONTACT: ANTHONY J. VIGORITO
 34 W STATE STREET
 NILES, OH 44446
 PHONE: 330-544-9000

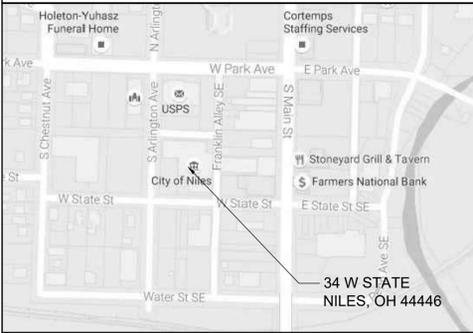
BUILDING DEPARTMENT CONTACT:
 NILES
 CITY OF NILES BUILDING INSPECTOR
 34 W STATE STREET
 NILES, OH 44446
 PHONE: 330-544-9000

FIRE DEPARTMENT CONTACT:
 NILES
 CONTACT: DAVID DANIELSON
 15 E STATE STREET
 NILES, OH 44446
 PHONE: 330-544-9022
 FAX: 330-544-1695

DESIGN LOADS AND CRITERIA:

FLOOR LIVE LOAD: 100 PSF
 ROOF LIVE LOAD: 20 PSF
 RAIN LOAD: 5 PSF
 ROOF SNOW LOAD: 20 PSF MIN.
 GROUND SNOW LOAD: 20 PSF
 FLAT ROOF SNOW LOAD: 20PSF + 5 PSF
 SNOW EXPOSURE FACTOR: $C_e = 1.0$
 SNOW IMPORTANCE FACTOR: $I_s = 1.0$
 THERMAL FACTOR: $C_t = 1.0$
 BASIC WIND SHEAR: $V = 90$ MPH (EXISTING CONSTRUCTION)
 OCCUPANCY CATEGORY: 11
 WIND EXPOSURE: B (EXISTING CONSTRUCTION)
 COMPONENTS & CLADDING:
 ZONE 1 (ROOF INTERIOR) +10, -14.2 PSF
 ZONE 2 (ROOF EDGE) +10, -21.8 PSF
 ZONE 3 (ROOF CORNER) +10, -30 PSF
 (+) INDICATES PRESSURE ACTING TOWARD THE SURFACE
 (-) INDICATES PRESSURE ACTING AWAY FROM THE SURFACE
 DESIGN GROSS UPLIFT: 17.0 PSF
 EARTHQUAKE DESIGN DATA:
 (EXISTING)
 SEISMIC IMPORTANCE FACTOR: 1.10
 OCCUPANCY CATEGORY: 11
 FLOOD DESIGN DATA:
 BUILDING IS EXISTING.

SITE MAP:



Roof Replacement and Improvements NILES CITY BUILDING

34 WEST STATE STREET
 NILES, OHIO 44446

PROJECT NUMBER: 16-0808
 PHASE I

DRAWING INDEX:

REV NO.	DWG NO.	DRAWING DESCRIPTION.
	G-CS	COVER SHEET AND CODE ANALYSIS
	D-1.1	ROOF EXISTING CONDITIONS/ DEMOLITION PLAN
	A-1.1	ROOF PLAN
	A-2.1	ROOF DETAILS
	A-2.2	ROOF DETAILS

DRAWING REV LOG:

NO.	DATE	DESCRIPTION	AFFECTED SHEETS

CODE INFORMATION:

APPLICABLE CODES & REGULATIONS:
 BUILDING CODE - 2011 OHIO BUILDING CODE
 PLUMBING CODE - 2011 PLUMBING CODE
 ELECTRICAL CODE - 2014 NATIONAL ELECTRICAL CODE
 MECHANICAL CODE - 2011 OHIO MECHANICAL CODE
 FIRE PROTECTION- 2011 OHIO FIRE CODE
 ENERGY CODE- ASHRAE 90.1 2007
 ACCESSIBILITY CODE- ANSI A117.1-03

CODE CLASSIFICATION:
 A. USE GROUP / OCCUPANCY: B
 B. CONSTRUCTION CLASSIFICATION: IIB/ IIIB VISUAL INSPECTION CONTROLLING USE
 C. AFFECTED NUMBER OF STORIES: 2
 D. BUILDING IMPROVEMENT AREA: EXISTING
 E. OCCUPANT LOAD: EXISTING
 F. NUMBER OF EXITS: EXISTING
 G. AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED: NO
 H. FIRE ALARM SYSTEM PROVIDED: NO

TRAVEL DISTANCE:
 ALLOWED TRAVEL DISTANCE: EXISTING
 ACTUAL TRAVEL DISTANCE: EXISTING

SPECIAL NOTATION:
 THIS SUBMISSION IS PROVIDED AS PART OF A MULTI-PHASE SUBMISSION FOR BUILDING REPAIRS AND IMPROVEMENTS - THIS PHASE INVOLVES THE ROOF REMOVAL AND REPLACEMENT TO BUILDING THE AS SHOWN. THE WORK SHALL COMPLY WITH ALL APPLICABLE CODES.

DESIGN PROFESSIONAL SEALS

Phillips Sekanick Architects, Inc. (psai)
 ARCHITECTS
 142 EAST MARKET STREET
 WARREN, OH 44481-1121
 PH: 330.395.9518
 F: 330.395.4296
 architect@psai.com
 www.phillips-sekanick.com

MY LICENSE EXPIRES: DEC. 31, 2017

 KIM PHILLIPS
 7202
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF OHIO

MY LICENSE EXPIRES: DEC. 31, 2017

 BRUCE W. SEKANICK
 8954
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF OHIO

SEALS & SIGNATURE: _____
 SEALS & SIGNATURE: _____
 KIM PHILLIPS, AIA
 BRUCE SEKANICK, AIA

THESE DOCUMENTS ARE THE PROPERTY OF PHILLIPS/SEKANICK ARCHITECTS, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF PHILLIPS/SEKANICK ARCHITECTS, INC. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL NOT DEPEND ON ANY DIMENSIONS OR CONDITIONS OF EXISTING CONSTRUCTION UNLESS THE DIMENSIONS AND CONDITIONS ARE SPECIFICALLY INDICATED ON THE DRAWINGS. FAILURE TO VERIFY AND APPROVE ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION SHALL BE AT THE CONTRACTOR'S RISK. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION IN FIELD PRIOR TO COMMENCEMENT OF WORK AND / OR ORDERING OF MATERIALS. DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK AND / OR ORDERING OF MATERIALS. WE CERTIFY THAT THESE DRAWINGS AND SEALS WERE PREPARED IN OUR OFFICE AND UNDER OUR SUPERVISION AND TO THE BEST OF OUR KNOWLEDGE AND BELIEF COMPLY WITH APPLICABLE LAWS, REGULATIONS, AND ORDINANCES OF THE JURISDICTION RELATING TO THE STRUCTURES AND BUILDINGS.

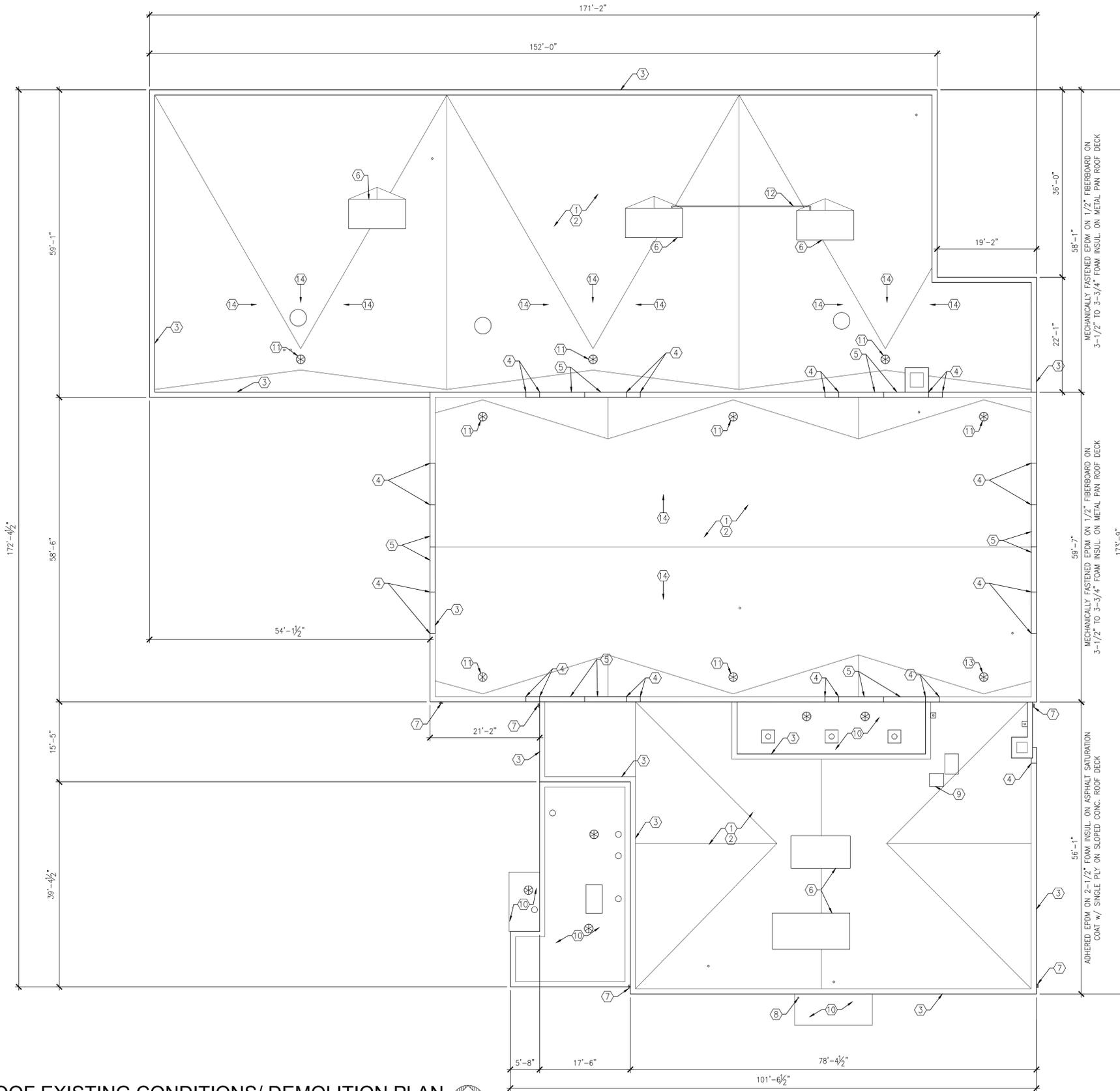
REVISIONS

NO.	DESCRIPTION	DATE

PROJECT INFORMATION:
 Roof Replacement and Improvements
 NILES CITY BUILDING
 34 W STATE STREET
 NILES, OH 44446

PROJECT NUMBER:
 16-0808
PROJECT DATE:
 09/02/2016

SHEET NO.:
G-CS
 COVER SHEET
 AND CODE ANALYSIS



DEMOLITION GENERAL NOTES

- A. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AND DIMENSIONS PROVIDED ON DRAWINGS PRIOR TO SUBMISSION OF THE BID.
- B. CONTRACTOR IS RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE SADDLES BEHIND ALL ROOF PENETRATIONS WHETHER INDICATED ON THE DRAWINGS OR NOT.
- C. ROOF DEMOLITION AND REPLACEMENT SHALL BE PART OF THIS PHASE OF WORK. OTHER DEMOLITION AND IMPROVEMENTS SHALL BE UNDER SEPARATE CONTRACT.

DEMOLITION KEYED NOTES

1. REMOVE ROOFING SYSTEM TO SURFACE OF ROOF DECK.
2. REMOVE ALL ROOFING MATERIAL ON FACE OF PARAPET/ WALL INCLUDING FLASHING/ TERMINATION BAR (IF ANY).
3. REMOVE COPING/ ROOF EDGE FLASHING.
4. PARAPET STEP.
5. SLOPPED PARAPET.
6. REMOVE FLASHING AT A.H.U.
7. SCUPPER AND DOWNSPOUT.
8. DOWNSPOUT.
9. EXISTING ROOF HATCH.
10. EXISTING WHITE ROOFING TO REMAIN.
11. EXISTING ROOF DRAIN TO REMAIN.
12. EXISTING GAS LINE TO REMAIN.
13. CAP EXISTING ROOF DRAIN AND REWORK SADDLE TO PROVIDE POSITIVE DRAINAGE TO NEW SCUPPER.
14. EXISTING SLOPED STRUCTURE.

THESE DOCUMENTS ARE THE PROPERTY OF PHILLIPSEKANICK ARCHITECTS, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF PHILLIPSEKANICK ARCHITECTS, INC. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. FAILURE TO OBTAIN SUCH PERMITS AND APPROVALS SHALL BE AT THE CONTRACTOR'S SOLE RISK AND SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO KEEP FIELD OF CONSTRUCTION REQUIREMENTS.

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK AND / OR ORDERING OF MATERIALS.

WE CERTIFY THAT THESE DRAWINGS WERE PREPARED IN OUR OFFICE AND UNDER OUR SUPERVISION AND TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THEY COMPLY WITH APPLICABLE LAWS, REGULATIONS, AND ORDINANCES OF THE JURISDICTION RELATIVE TO THE SERVICES AND RELIABLE.

REVISIONS	
NO.	DESCRIPTION

PROJECT INFORMATION:
Roof Replacement and Improvements
NILES CITY BUILDING
 34 W STATE STREET
 NILES, OH 44446

PROJECT NUMBER:
16-0808
 PROJECT DATE:
09/02/2016

SHEET NO:
D1.1
 ROOF EXISTING CONDITIONS/
 DEMOLITION PLAN

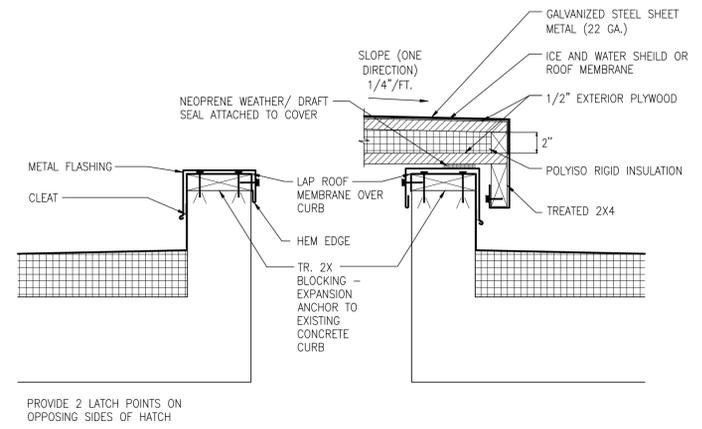
Phillips Sekanick Architects, Inc.
 ARCHITECTS
 142 EAST MARKET STREET
 WARREN, OH 44481-1121
 PH: 330.395.9518
 F: 330.395.4296
 architect@psaoh.com
 www.phillipsekanick.com

MY LICENSE EXPIRES: DEC. 31, 2017
 STATE OF OHIO
 KIM PHILLIPS
 7202
 REGISTERED

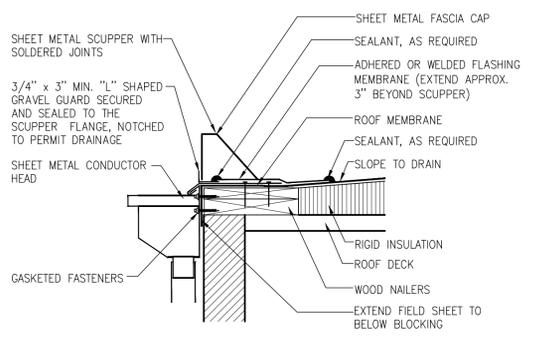
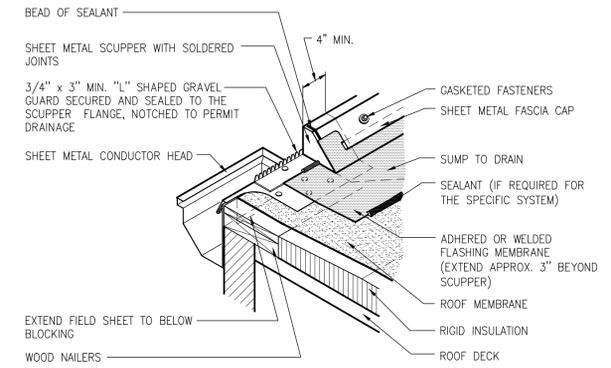
MY LICENSE EXPIRES: DEC. 31, 2017
 STATE OF OHIO
 BRUCE W. SEKANICK
 8954
 REGISTERED

SEALS & SIGNATURE:
 KIM PHILLIPS, AIA
 BRUCE SEKANICK, AIA

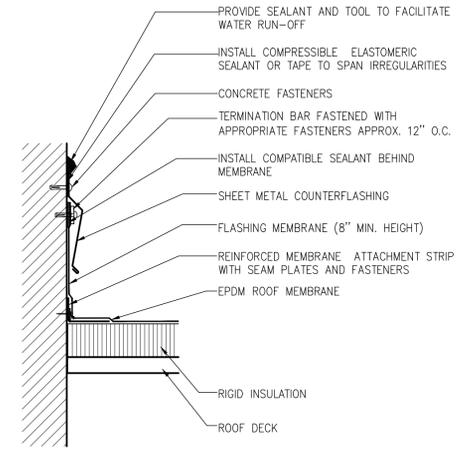
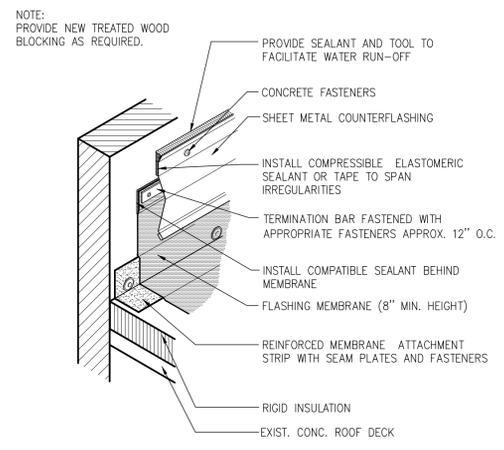
A **ROOF EXISTING CONDITIONS/ DEMOLITION PLAN**
 D1.1 SCALE: 3/32" = 1'-0"



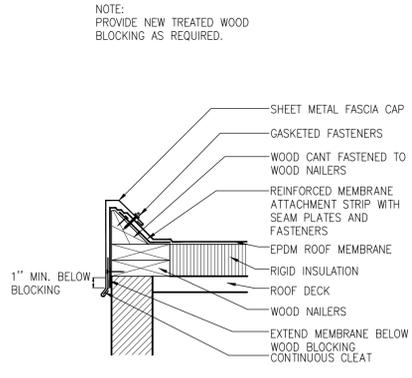
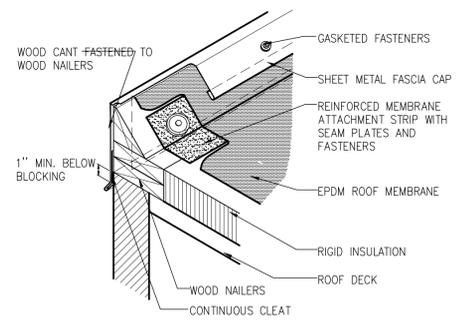
E ROOF HATCH DETAIL: BY ALTERNATE
 A2.2 SCALE: 1-1/2" = 1'-0"



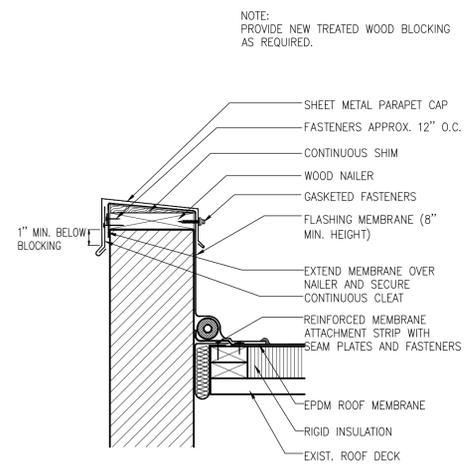
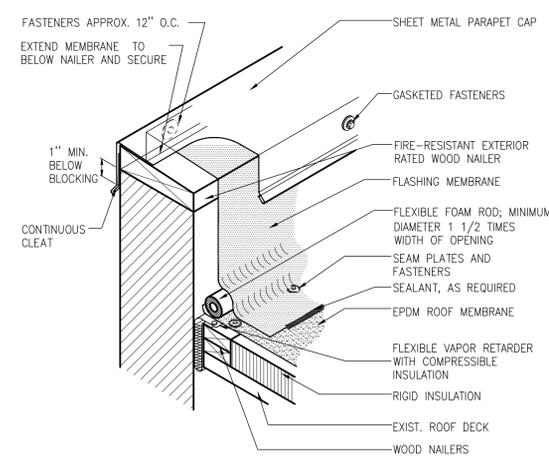
D RAISED EDGE SCUPPER
 A2.2 SCALE: 1 1/2" = 1'-0"



C SURFACE MNTD. COUNTER FLASHING
 A2.2 SCALE: 1 1/2" = 1'-0"



B RAISED PERMETER EDGE
 A2.2 SCALE: 1 1/2" = 1'-0"



A METAL PARAPET CAP
 A2.2 SCALE: 1 1/2" = 1'-0"

Philips Sekanick Architects, Inc. (psai)
 ARCHITECTS
 142 EAST MARKET STREET
 WARREN, OH 44481-1121
 PH: 330.395.9518
 F: 330.395.4296
 architect@psai.com
 www.philipssekanick.com

MY LICENSE EXPIRES: DEC. 31, 2017
 STATE OF OHIO
 KIM PHILLIPS
 7202
 REGISTERED
 SEALS & SIGNATURE:
 KIM PHILLIPS, AIA

MY LICENSE EXPIRES: DEC. 31, 2017
 STATE OF OHIO
 BRUCE W. SEKANICK
 8954
 REGISTERED
 SEALS & SIGNATURE:
 BRUCE SEKANICK, AIA

THESE DOCUMENTS ARE THE PROPERTY OF PHILIPS/SEKANICK ARCHITECTS, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF PHILIPS/SEKANICK ARCHITECTS, INC. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL NOT OBTAIN ADVICE OR CHANGE CONSTRUCTION WITHOUT THE WRITTEN PERMISSION OF PHILIPS/SEKANICK ARCHITECTS, INC. FAILURE TO VERIFY AND APPROVE ALL DIMENSIONS, DIMENSIONS, OR MATERIALS TO BE USED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND MATERIALS TO BE USED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CLEARANCES IN FIELD PRIOR TO COMMENCEMENT OF WORK AND / OR ORDERING OF MATERIALS. WE CERTIFY THAT THESE DRAWINGS WERE PREPARED IN OUR OFFICE AND THAT OUR SUPERVISOR HAS TO THE BEST OF OUR KNOWLEDGE AND BELIEF COMPLY WITH APPLICABLE LAWS, REGULATIONS, AND ORDINANCES OF THE JURISDICTION RELATING TO THE STRUCTURES AND BELONGING.

REVISIONS	
NO.	DESCRIPTION

PROJECT INFORMATION:
Roof Replacement and Improvements
NILES CITY BUILDING
 34 W STATE STREET
 NILES, OH 44446

PROJECT NUMBER:
16-0808
 PROJECT DATE:
09/02/2016

SHEET NO:
A2.2
 ROOF DETAILS