FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR PROJECT NO. #589A7-09-108

DEPARTMENT OF VETERANS AFFAIRS MEDICAL and REGIONAL OFFICE CENTER WICHITA, KANSAS

STANDARD SYMBOLS LIST

DRAWING TITLES: 1 TITLE / SCALE

WALL, CASEWORK, SECTIONS: 0 / AS 0 — DETAIL #, SHEET #

ELEVATIONS: 0 / AS 0 — ELEVATION #, SHEET #

DOOR NOTATION: DOO — DOOR #

WINDOW NOTATION: W01 — WINDOW #

EQUIPMENT NOTES: 3

ELEVATION MARK: ELEV. 116'-0" T.O. WALL

ROOM NOTATION: OFFICE 123

CONSTRUCTION NOTE: 1

DEMOLITION NOTE: 1

REVISION: 1

WALL TYPES: 1 — PARTITION TYPE

ABBREVIATIONS

AB anchor bolt
ABV above
A/C air conditioning
ACM asbestos containing material
ADJ adjustable/adjacent
AFF above finish floor
ALUM aluminum
ALT alternate
ANCH anchor
APPROX approximate
ARCH architect(ural)
BD board
BLDG building
BLW below
BM beam/bench mark
BOTT bottom
BUR built-up roofing
CAB cabinet
C/C center to center
CF cubic feet
CJ construction joint
CLJ control joint
CL center line
CLG ceiling
CLO closet
CLR clear
CMU conc masonry unit
CO clean out/clear opng
COL column
CONC concrete
COND condition/condenser
CONT continue/continuous
CONTR contract(or)
CTR counter/center
CU cubic
D deep/depth
DF drinking fountain
DIA diameter
DIM dimension
DN down
DO ditto
DR door
DS downspout
DTL detail
DWG drawing

EB expansion bolt
EC electrical contractor
EJ expansion joint
EL elevation
ELEC electric(al)
ENT entrance
EQ equal
EQUIP equipment
EXIST existing
EXT exterior
F fahrenheit/face
FA fresh air/fire alarm
FDN foundation
FIN finish
FLR floor
FT (') foot
FTG footing
GA gage/gauge
GC general contractor
GYP gypsum
HDBD hard board
HDW hardware
HDWD hardwood
HM hollow metal
HORIZ horizontal
HT() high (height)
ID inside diameter
IN (") inch
INSUL insulation
INT interior
JNT joint
KIT kitchen
L long/length
LAV lavatory
LB pound
LF linear foot
LLH long leg horizontal
LLV long leg vertical
MAS masonry
MATL material
MAX maximum
MC mechanical contractor
MECH mechanical
MFR manufacture(r)
MIN minimum
MISC miscellaneous
MO masonry opening
MTD mounted
MTL metal
NA not applicable
NIC not in contract
NO number
NOM nominal
NTS not to scale
OA overall
OC on center(s)
OD outside diameter
OPNG opening
OPP opposite
PL plate/property line
P LAM plastic laminate
PLBG plumbing
PLF pounds per linear ft.
PWD plywood
PNL panel(ing)
PNT paint(ed)
PSF pounds per sq ft
PSI pounds per sq in.
PVC polyvinyl chloride
RA(G) return air (grill)
RD roof drain
REG register
REQ'D required
REV revised/revision/ reverse
RM room
RO rough opening
RS(C) rough sawn (cedar)
SEC section
SF square foot
SHT sheet
SIM similar
SPEC specification
SQ square
STD standard
STL steel
STO storage
STR structural/structure
SY square yard
SYM symmetrical
T&G tongue and groove
THK thick(ness)
TYP typical
VERT vertical
VEST vestibule
W wide/width
W/ with
WC water closet/wall covering
WD wood
WDW window
W/O without
WT weight
WWF welded wire fabric
YD yard

SHEET INDEX

GI 1 COVER AND INDEX

ARCHITECTURAL

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6-AS 2 ROOF PLAN - BUILDING 6
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10-AS 4 ROOF PLAN - BUILDING 10
11-AS 5 ROOF PLAN - BUILDING 11
12-AS 6 ROOF PLAN - BUILDING 12
13-AS 7 ROOF PLAN - BUILDING 13
16-AS 8 ROOF PLAN - BUILDING 16
19-AS 9 ROOF PLAN - BUILDING 19
20-AS 10 ROOF PLAN - BUILDING 20
CC-AS 11 ROOF PLAN - CONNECTING CORRIDOR

STANDARD DETAIL SYMBOLS

ACOUSTICAL
BRICK
CONCRETE
CONC. MASONRY UNIT
GRAVEL
EARTH
GYPSUM BOARD
BATT INSULATION
METAL
TILE
SAND
WOOD FINISH
WOOD, FRAMING (CONTINUOUS)
WOOD, FRAMING (INTERRUPTED)
PLYWOOD
RIGID INSULATION

Revisions:	Date

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HOWARD + HELMER
project no. 08296.00

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Stan Domann
Facility Manager

Bill Ingram
Engineering Technician

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Project Number: 589A7-09-108

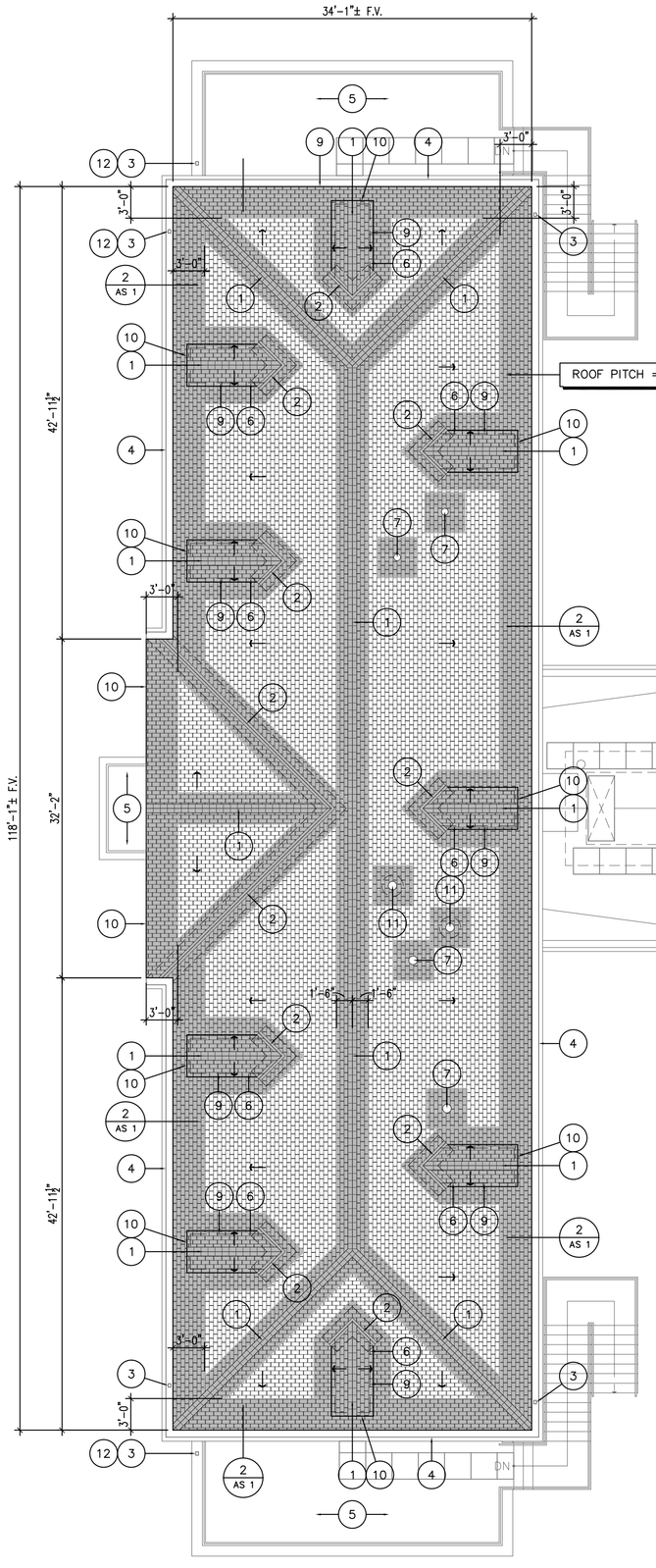
Location: 5500 EAST KELLOGG WICHITA, KANSAS

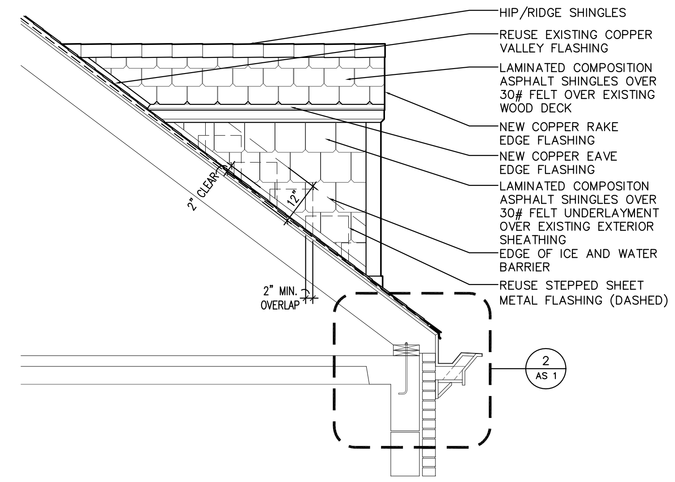
Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Drawing Number: GI 1
Dwg. 1 of 1

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231





1 ROOF DORMER ELEVATION
1/2" = 1'-0"

LEGEND

- LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.
- LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.
- ROOF SLOPE

DEMOLITION NOTES

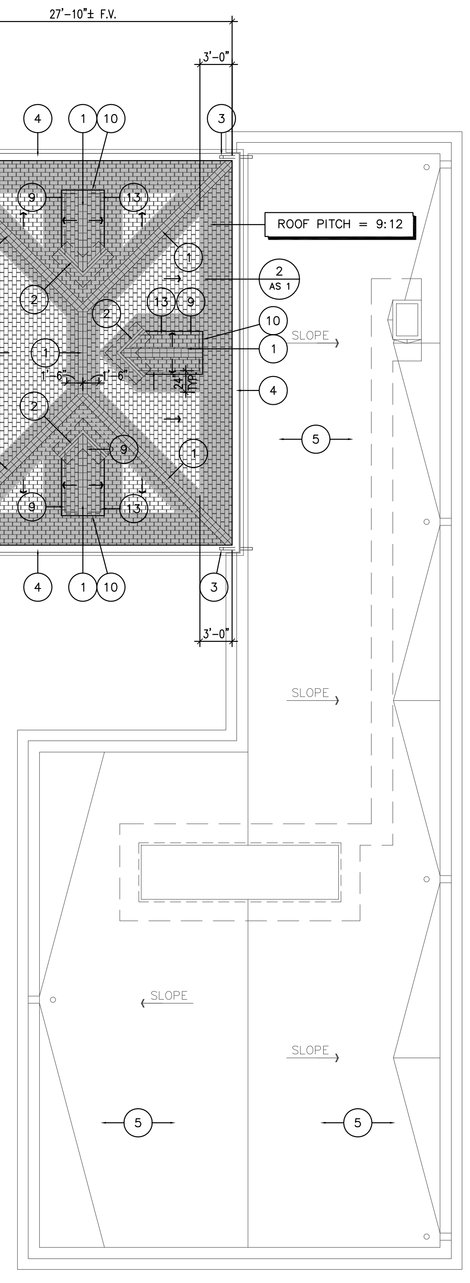
1. REMOVE ALL CLAY TILE SHINGLES ON ROOF AND ROOF UNDERLAYMENT TO THE EXISTING WOOD DECK.
2. CONTRACTOR TO IDENTIFY DRY ROT OR WATER DAMAGED AREAS OF ROOF AND REPLACE ROOF DECK OR WOOD STRUCTURE WHERE REQUIRED. ROOF DECK AND FRAMING REPLACEMENT TO MATCH EXISTING – REF. GENERAL NOTE 9.

PLAN NOTES

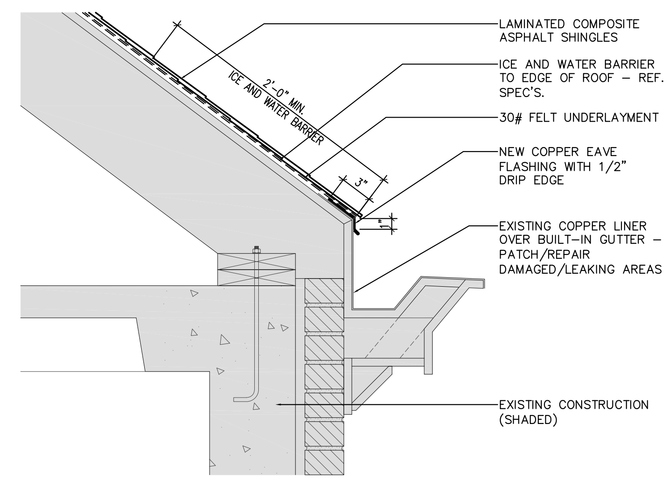
1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. REUSE EXISTING COPPER VALLEY FLASHING. PATCH OR REPLACE DAMAGED SECTIONS. SEE GENERAL NOTE 9.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING BUILT-IN GUTTER WITH SHEET METAL LINING. PATCH/REPAIR DAMAGED OR LEAKING METAL LINING – MATCH EXISTING. SEE GENEAL NOTE 9.
5. EXISTING ROOF – NO WORK REQUIRED.
6. REFER DETAIL 1/AS 1 FOR DORMER ELEVATION.
7. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 3/AS 1.
8. REUSE STEPPED SHEET METAL FLASHING. PATCH OR REPLACE DAMAGED SECTIONS. SEE GENERAL NOTE 9.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.
11. REMOVE AND REINSTALL MECHANICAL ROOF VENTILATOR.
12. PATCH/REPAIR EXISTING BROKEN, DAMAGED, OR SLIPPED SHEET METAL DOWNSPOUT – MATCH EXISTING.
13. REFER DETAIL 4/AS 1 FOR DORMER ELEVATION.

GENERAL NOTES

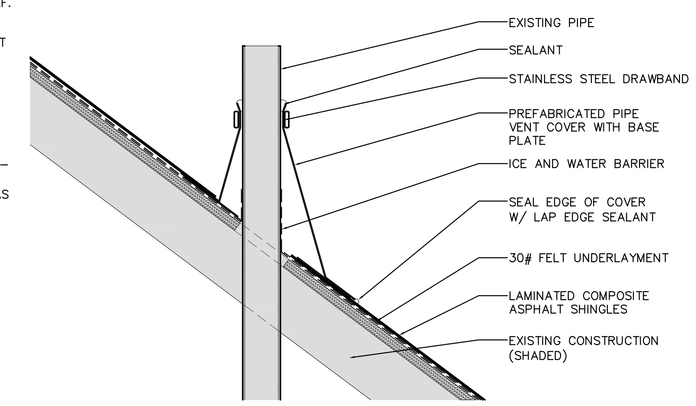
1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
2. PROTECT BUILDING SIDING, ADJACENT ROOFING, SIDEWALKS, LAWNS, ETC. DURING CONSTRUCTION.
3. PLANS ARE DIAGRAMMATIC IN NATURE AND ONLY REPRESENT ROOF TOP EQUIPMENT RELATIVE LOCATIONS THAT WERE PRESENT AT THE TIME OF SITE REVIEW. LOCATIONS ARE NOT EXACT AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO DEMOLITION OR REROOFING WORK.
4. UNDOCUMENTED MISCELLANEOUS ROOF TOP ITEMS SHALL BE FIELD VERIFIED BY CONTRACTOR AND ROOFING WORK AROUND SUCH ITEMS SHALL BE PART OF SCOPE FOR COMPLETE AND WEATHER TIGHT PROJECT.
5. AFTER REMOVAL OF EXISTING ROOFING MATERIALS, CONTRACTOR SHALL VERIFY CONDITIONS OF EXISTING DECK OR SUBSTRATE. CONTACT THE ARCHITECT IF QUESTIONABLE AREAS ARE FOUND.
6. REMOVE AND REPLACE WITH NEW: EXISTING BOOTS, PITCH PANS, AND OTHER PIPE FLASHING PIECES AT PLUMBING AND CONDUIT PIPE PENETRATIONS.
7. MAINTAIN, PROTECT, AND RESET EXISTING COPPER FLASHINGS AND OTHER METAL OR ALUMINUM FLASHINGS FOR REUSE, UNLESS OTHERWISE NOTED. REPLACE DAMAGED SECTIONS WHERE REQUIRED FOR WATERTIGHTNESS.
8. FIELD VERIFY ALL DIMENSIONS.
9. PROVIDE THE FOLLOWING ALLOWANCES IN THE BID FOR CONSTRUCTION:
   - A. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REPAIR OR REPLACEMENT OF COPPER FLASHINGS, GUTTERS, BRACKETS, OR OTHER COMPONENTS UNCOVERED DURING CONSTRUCTION. COST OF REPAIR/REPLACEMENT OF SPECIFIC ITEMS IDENTIFIED ON PLANS SHALL NOT BE INCLUDED IN ALLOWANCE.
   - B. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REMOVAL AND REPLACEMENT OF WOOD DECKING AND FRAMING DUE TO DRY ROT OR OTHER REASONS. SEE GENERAL NOTES 10 AND 11.
10. DUE TO WATER LEAKS, SOME OF THE WOOD ROOF DECK AND FRAMING MAY BE DAMAGED BY DRY ROT. WHERE DRY ROT IS ENCOUNTERED AND HAS NOT BEEN PREVIOUSLY IDENTIFIED, CONTACT C.O.T.R. FOR REVIEW PRIOR TO CORRECTING CONDITION AND INSTALLING ROOFING.
11. ALL WOOD ROOF REPAIRS SHALL BE MADE BY USING SAME THICKNESS OF PRESENT WOOD DECKING AND RAFTERS. DECKING SHALL BE INSTALLED SUCH THAT ENDS ARE BEARING ON AND SUPPORTED BY HALF THICKNESS OF THE RAFTERS.
12. EXISTING DRAINS AND DOWNSPOUTS SHALL BE COVERED TO PREVENT CONSTRUCTION DEBRIS FROM FALLING INTO DRAIN PIPES. CLEAN ALL DOWNSPOUTS AT THE END OF ROOFING EACH BUILDING TO ENSURE A FREE FLOWING SYSTEM.
13. SECURE AREA IN VICINITY OF CONSTRUCTION TO ENSURE SAFETY OF ALL VA EMPLOYEES, PATIENTS VISITORS AND CONSTRUCTION PERSONNEL FROM FALLING DEBRIS.
14. ALL BIDDERS SHALL VISIT THE SITE PRIOR TO BIDDING.



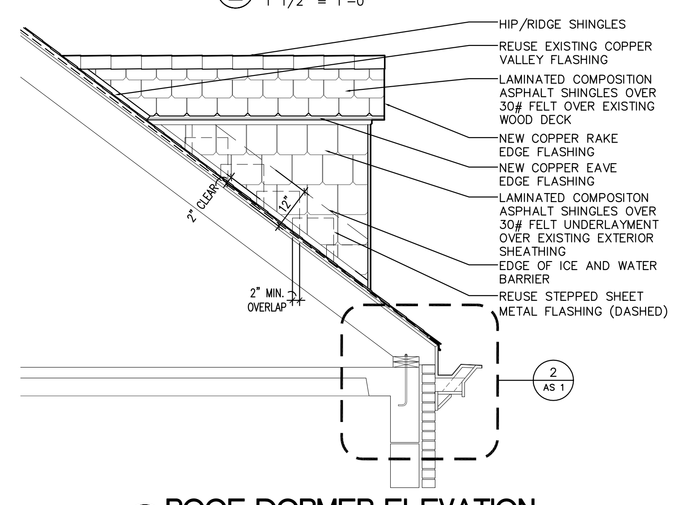
ROOF PLAN - BUILDING 5
1/8" = 1'-0"



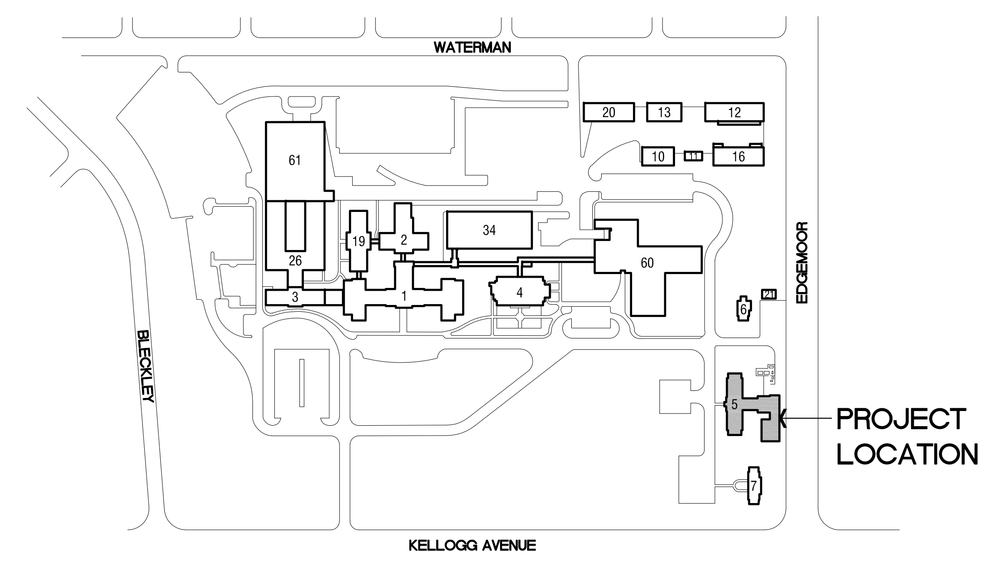
2 ROOF DETAIL
1 1/2" = 1'-0"



3 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



4 ROOF DORMER ELEVATION
1/2" = 1'-0"



AREA MAP
N.T.S.

Revisions	Date

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ARCHITECT/ENGINEERS:
ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 5

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108
Building Number: 5
Drawing Number: 5-AS 1
Dwg. 1 of 11

Office of Construction and Facilities Management
Department of Veterans Affairs

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LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.

ROOF SLOPE

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4. EXISTING BUILT-IN GUTTER WITH SHEET METAL LINING. PATCH/REPAIR DAMAGED OR LEAKING METAL LINING – MATCH EXISTING. SEE GENERAL NOTE 9.
5. EXISTING ROOF – NO WORK REQUIRED.
6. REF. DETAIL 1/AS 2 FOR DORMER ELEVATION.
7. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 3/AS 2.
8. REUSE STEPPED SHEET METAL FLASHING. PATCH, REPAIR OR REPLACE DAMAGED SECTIONS AS REQUIRED. SEE GENERAL NOTE 9.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.
11. PATCH, REPAIR OR REPLACE CORNICE RETURN FLASHING AS REQUIRED. SEE GENERAL NOTE 9.

GENERAL NOTES

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4. UNDOCUMENTED MISCELLANEOUS ROOF TOP ITEMS SHALL BE FIELD VERIFIED BY CONTRACTOR AND ROOFING WORK AROUND SUCH ITEMS SHALL BE PART OF SCOPE FOR COMPLETE AND WEATHER TIGHT PROJECT.
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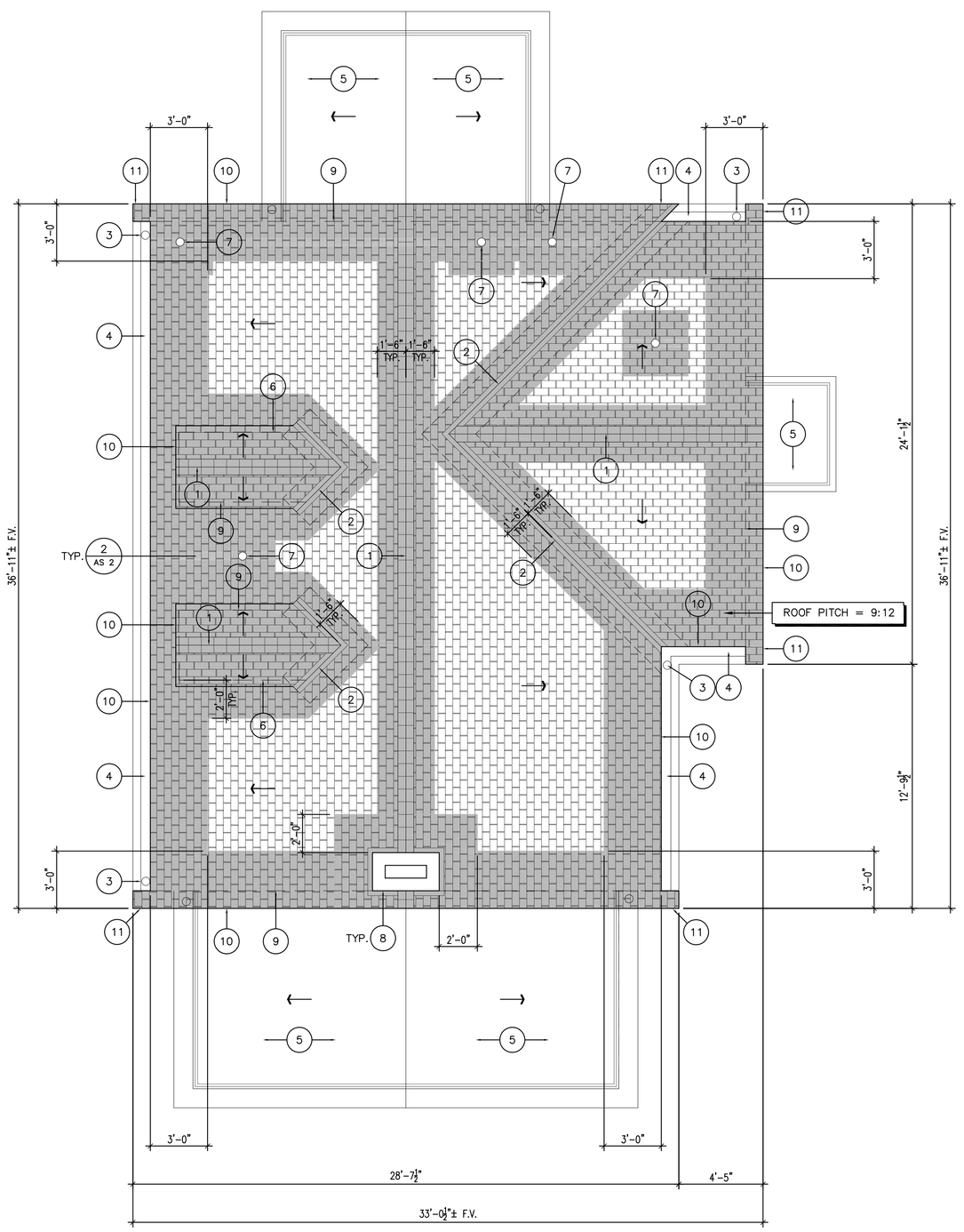
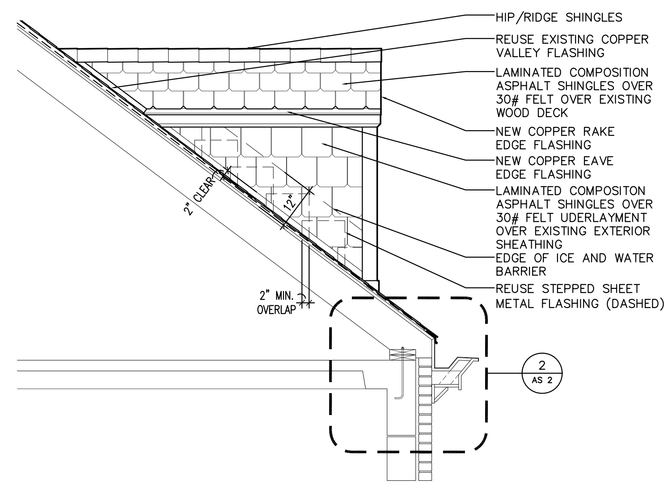
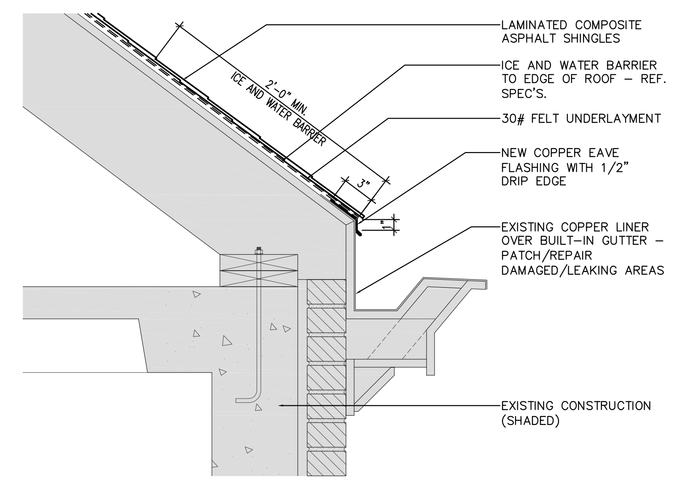
12. EXISTING DRAINS AND DOWNSPOUTS SHALL BE COVERED TO PREVENT CONSTRUCTION DEBRIS FROM FALLING INTO DRAIN PIPES. CLEAN ALL DOWNSPOUTS AT THE END OF ROOFING EACH BUILDING TO ENSURE A FREE FLOWING SYSTEM.
13. SECURE AREA IN VICINITY OF CONSTRUCTION TO ENSURE SAFETY OF ALL VA EMPLOYEES, PATIENTS VISITORS AND CONSTRUCTION PERSONNEL FROM FALLING DEBRIS.
14. ALL BIDDERS SHALL VISIT THE SITE PRIOR TO BIDDING.



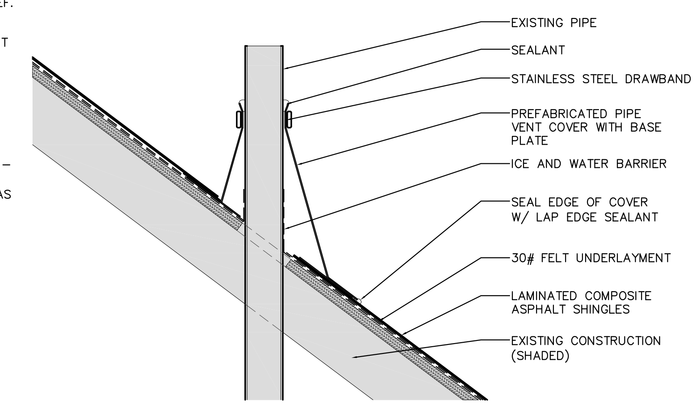
ROOF PLAN - BUILDING 6
1/4" = 1'-0"



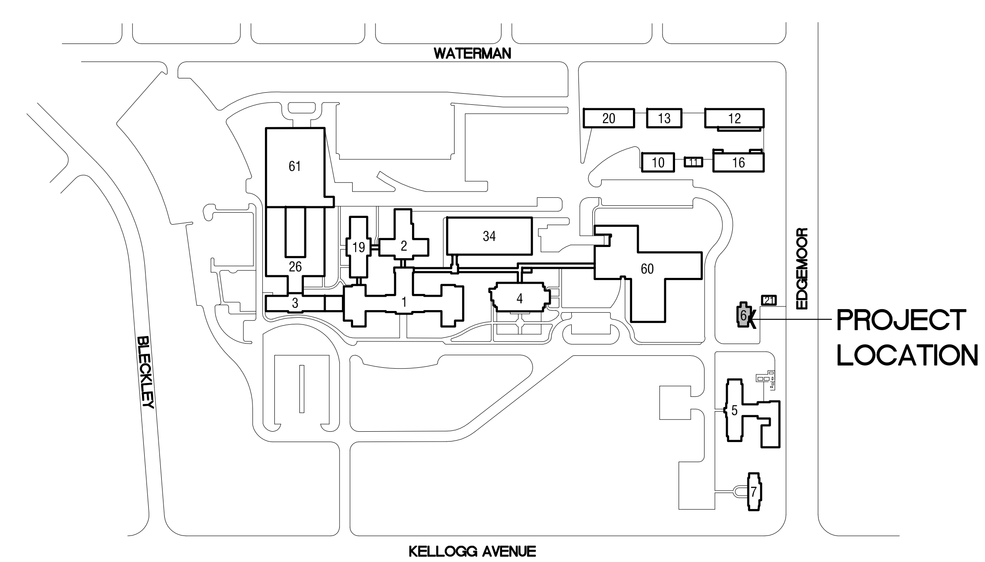
1 ROOF DORMER ELEVATION
1/2" = 1'-0"



2 ROOF DETAIL
1 1/2" = 1'-0"



3 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

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project no.
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ARCHITECT/ENGINEERS:

ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 6

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108

Building Number: 6

Drawing Number: 6-AS 2

Dwg. 2 of 11

Office of Construction and Facilities Management

Department of Veterans Affairs

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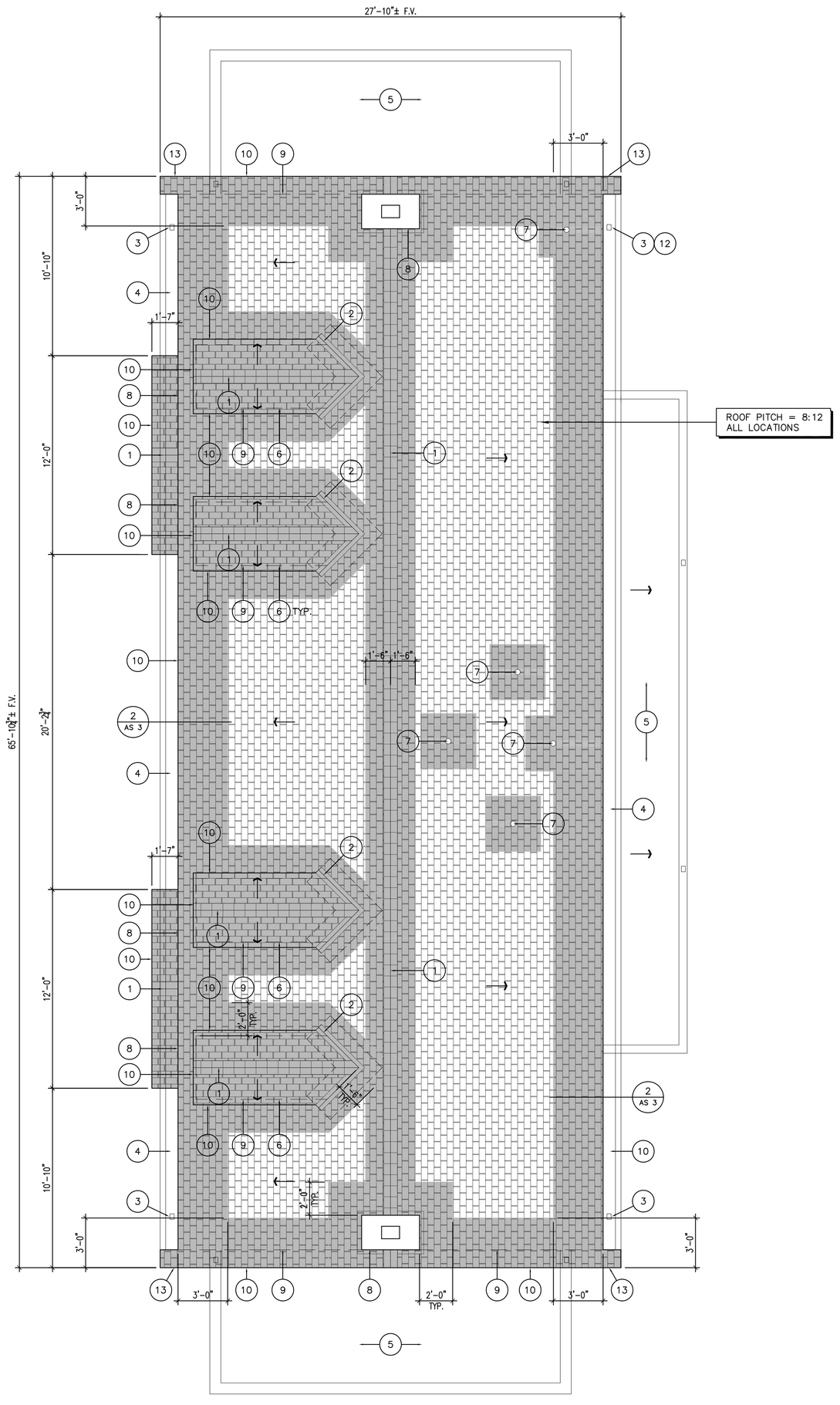


ROOF PLAN - BUILDING 7
1/4" = 1'-0"

LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.

ROOF SLOPE

DEMOLITION NOTES

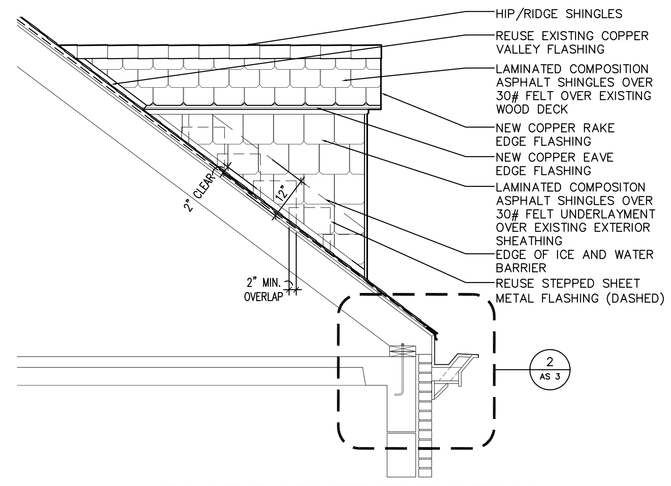
1. REMOVE ALL CLAY TILE SHINGLES ON ROOF AND ROOF UNDERLAYMENT TO THE EXISTING WOOD DECK.
2. CONTRACTOR TO IDENTIFY DRY ROT OR WATER DAMAGED AREAS OF ROOF AND REPLACE ROOF DECK OR WOOD STRUCTURE WHERE REQUIRED. ROOF DECK AND FRAMING REPLACEMENT TO MATCH EXISTING – REF. GENERAL NOTE 9.

PLAN NOTES

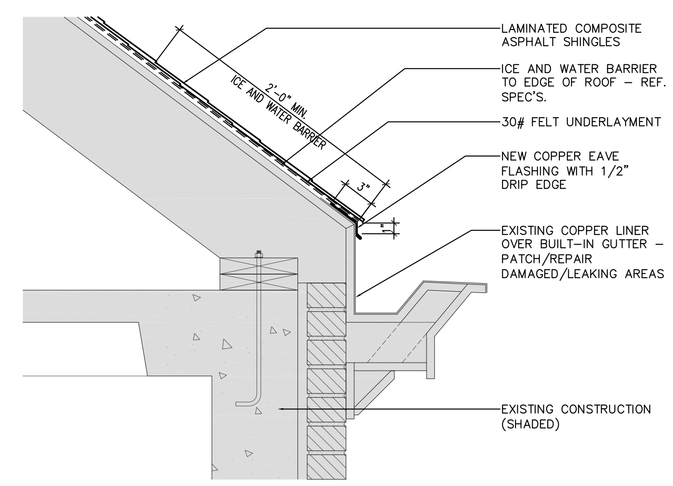
1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. REUSE EXISTING COPPER VALLEY FLASHING. REPAIR, PATCH OR REPLACE AS REQUIRED. SEE GENERAL NOTE 9.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING BUILT-IN GUTTER WITH SHEET METAL LINING. PATCH/REPAIR DAMAGED OR LEAKING METAL LINING – MATCH EXISTING. SEE GENERAL NOTE 9.
5. EXISTING ROOF – NO WORK REQUIRED.
6. REF. DETAIL 1/AS 3 FOR DORMER ELEVATION.
7. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 3/AS 3.
8. REUSE STEPPED SHEET METAL FLASHING AT ROOF EDGE AND VERTICAL WALL SURFACE. PATCH, REPAIR, OR REPLACE WHERE REQUIRED. SEE GENERAL NOTE 9.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.
11. NOT USED.
12. PATCH/REPAIR EXISTING BROKEN, DAMAGED, OR SLIPPED SHEET METAL DOWNSPOUT – MATCH EXISTING.
13. PATCH, REPAIR OR REPLACE CORNICE RETURN FLASHING AS REQUIRED. SEE GENERAL NOTE 9.

GENERAL NOTES

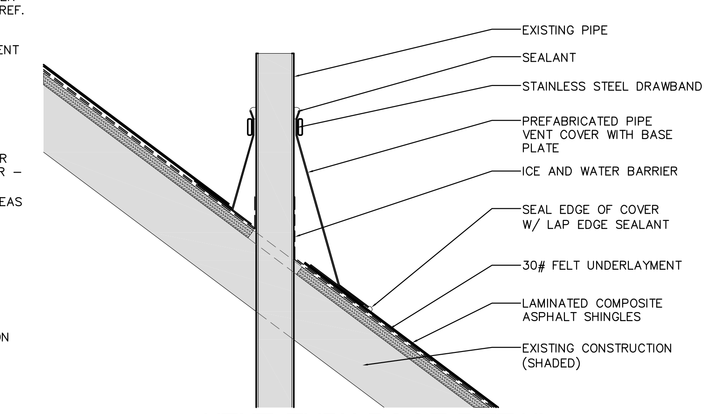
1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
2. PROTECT BUILDING SIDING, ADJACENT ROOFING, SIDEWALKS, LAWNS, ETC. DURING CONSTRUCTION.
3. PLANS ARE DIAGRAMMATIC IN NATURE AND ONLY REPRESENT ROOF TOP EQUIPMENT RELATIVE LOCATIONS THAT WERE PRESENT AT THE TIME OF SITE REVIEW. LOCATIONS ARE NOT EXACT AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO DEMOLITION OR REROOFING WORK.
4. UNDOCUMENTED MISCELLANEOUS ROOF TOP ITEMS SHALL BE FIELD VERIFIED BY CONTRACTOR AND ROOFING WORK AROUND SUCH ITEMS SHALL BE PART OF SCOPE FOR COMPLETE AND WEATHER TIGHT PROJECT.
5. AFTER REMOVAL OF EXISTING ROOFING MATERIALS, CONTRACTOR SHALL VERIFY CONDITIONS OF EXISTING DECK OR SUBSTRATE. CONTACT THE ARCHITECT IF QUESTIONABLE AREAS ARE FOUND.
6. REMOVE AND REPLACE WITH NEW: EXISTING BOOTS, PITCH PANS, AND OTHER PIPE FLASHING PIECES AT PLUMBING AND CONDUIT PIPE PENETRATIONS.
7. MAINTAIN, PROTECT, AND RESET EXISTING COPPER FLASHINGS AND OTHER METAL OR ALUMINUM FLASHINGS FOR REUSE, UNLESS OTHERWSE NOTED. REPLACE DAMAGED SECTIONS WHERE REQUIRED FOR WATERTIGHTNESS.
8. FIELD VERIFY ALL DIMENSIONS.
9. PROVIDE THE FOLLOWING ALLOWANCES IN THE BID FOR CONSTRUCTION:
   A. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REPAIR OR REPLACEMENT OF COPPER FLASHINGS, GUTTERS, BRACKETS, OR OTHER COMPONENTS UNCOVERED DURING CONSTRUCTION. COST OF REPAIR/REPLACEMENT OF SPECIFIC ITEMS IDENTIFIED ON PLANS SHALL NOT BE INCLUDED IN ALLOWANCE.
   B. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REMOVAL AND REPLACEMENT OF WOOD DECKING AND FRAMING DUE TO DRY ROT OR OTHER REASONS. SEE GENERAL NOTES 10 AND 11.
10. DUE TO WATER LEAKS, SOME OF THE WOOD ROOF DECK AND FRAMING MAY BE DAMAGED BY DRY ROT. WHERE DRY ROT IS ENCOUNTERED AND HAS NOT BEEN PREVIOUSLY IDENTIFIED, CONTACT C.O.T.R. FOR REVIEW PRIOR TO CORRECTING CONDITION AND INSTALLING ROOFING.
11. ALL WOOD ROOF REPAIRS SHALL BE MADE BY USING SAME THICKNESS OF PRESENT WOOD DECKING AND RAFTERS. DECKING SHALL BE INSTALLED SUCH THAT ENDS ARE BEARING ON AND SUPPORTED BY HALF THICKNESS OF THE RAFTERS.
12. EXISTING DRAINS AND DOWNSPOUTS SHALL BE COVERED TO PREVENT CONSTRUCTION DEBRIS FROM FALLING INTO DRAIN PIPES. CLEAN ALL DOWNSPOUTS AT THE END OF ROOFING EACH BUILDING TO ENSURE A FREE FLOWING SYSTEM.
13. SECURE AREA IN VICINITY OF CONSTRUCTION TO ENSURE SAFETY OF ALL VA EMPLOYEES, PATIENTS VISITORS AND CONSTRUCTION PERSONNEL FROM FALLING DEBRIS.
14. ALL BIDDERS SHALL VISIT THE SITE PRIOR TO BIDDING.



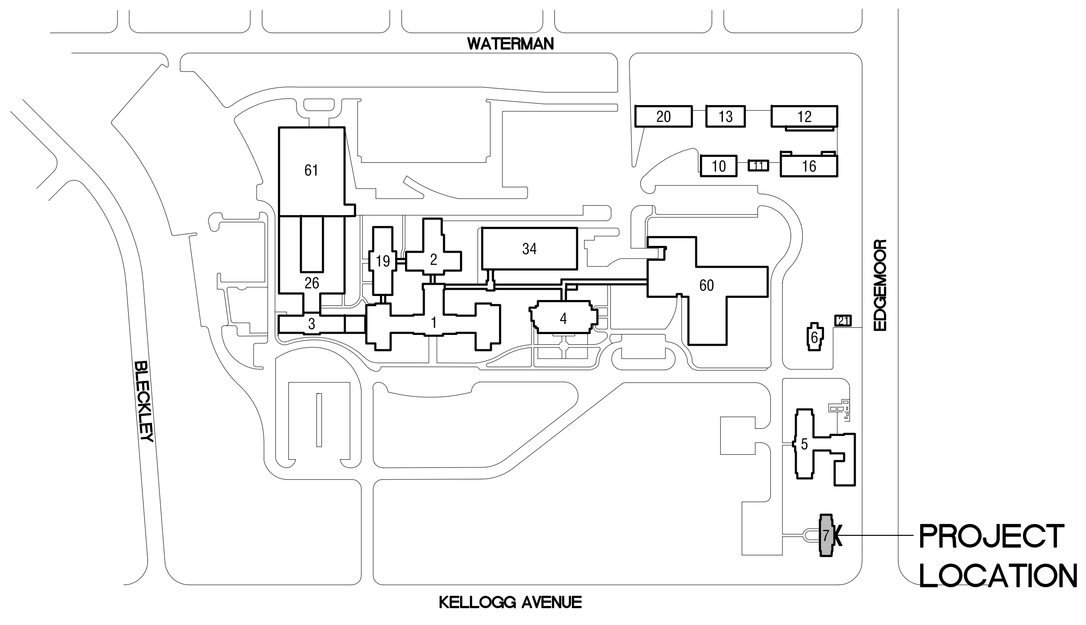
3 ROOF DORMER ELEVATION
1/2" = 1'-0"



2 ROOF DETAIL
1 1/2" = 1'-0"



3 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

HOWARD+HELMER architecture
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HOWARD + HELMER
project no. 08296.00

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ARCHITECT/ENGINEERS:

ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 7

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Project Number: 589A7-09-108

Building Number: 7

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Drawing Number: 7-AS 3

Dwg. 3 of 11

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.

ROOF SLOPE

DEMOLITION NOTES

1. REMOVE ALL CLAY TILE SHINGLES ON ROOF AND ROOF UNDERLAYMENT TO THE EXISTING WOOD DECK.
2. CONTRACTOR TO IDENTIFY DRY ROT OR WATER DAMAGED AREAS OF ROOF AND REPLACE ROOF DECK OR WOOD STRUCTURE WHERE REQUIRED. ROOF DECK AND FRAMING REPLACEMENT TO MATCH EXISTING – REF. GENERAL NOTE 9.

PLAN NOTES

1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. NOT USED.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING BUILT-IN GUTTER WITH SHEET METAL LINING. PATCH/REPAIR DAMAGED OR LEAKING METAL LINING. MATCH EXISTING. SEE GENERAL NOTE 9.
5. NOT USED.
6. NOT USED.
7. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 2/AS 4.
8. NOT USED.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.

GENERAL NOTES

1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
2. PROTECT BUILDING SIDING, ADJACENT ROOFING, SIDEWALKS, LAWNS, ETC. DURING CONSTRUCTION.
3. PLANS ARE DIAGRAMMATIC IN NATURE AND ONLY REPRESENT ROOF TOP EQUIPMENT RELATIVE LOCATIONS THAT WERE PRESENT AT THE TIME OF SITE REVIEW. LOCATIONS ARE NOT EXACT AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO DEMOLITION OR REROOFING WORK.
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11. ALL WOOD ROOF REPAIRS SHALL BE MADE BY USING SAME THICKNESS OF PRESENT WOOD DECKING AND RAFTERS. DECKING SHALL BE INSTALLED SUCH THAT ENDS ARE BEARING ON AND SUPPORTED BY HALF THICKNESS OF THE RAFTERS.
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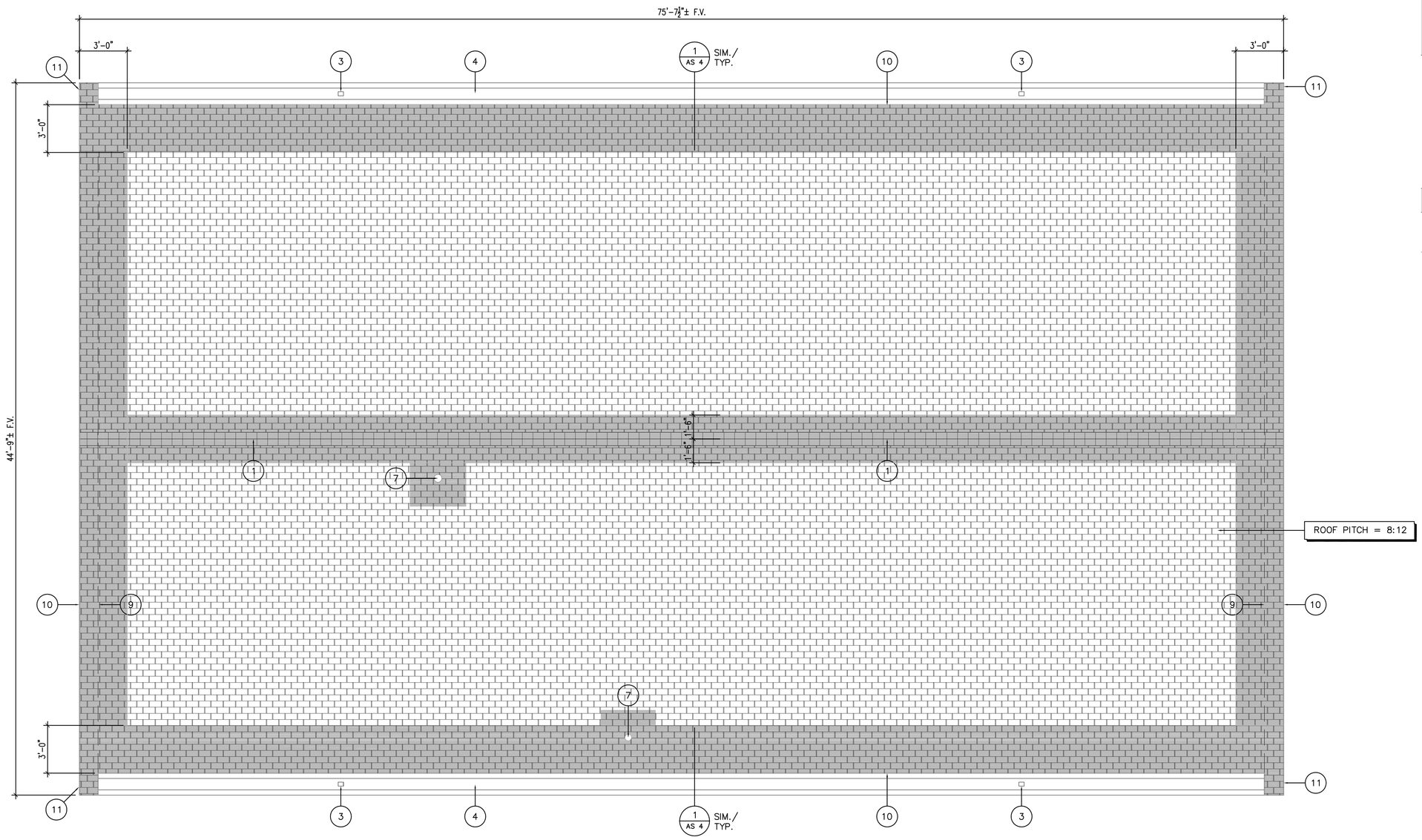
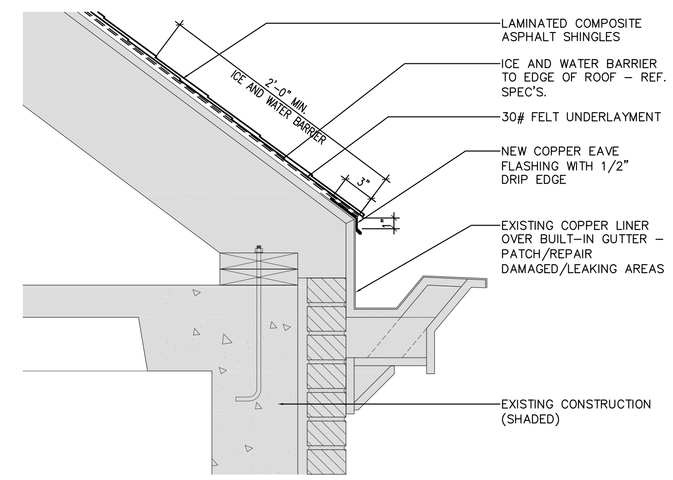
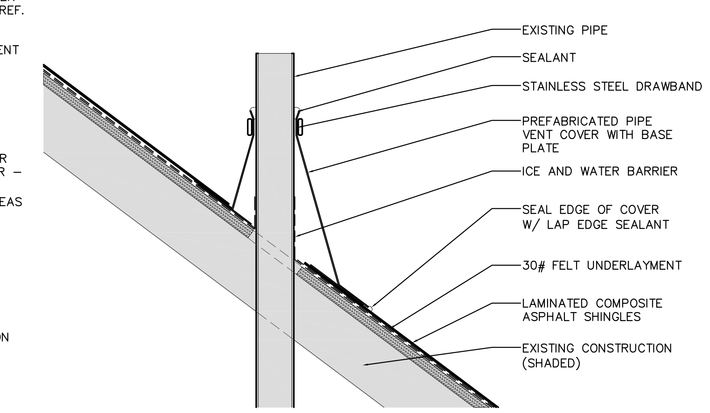
13. SECURE AREA IN VICINITY OF CONSTRUCTION TO ENSURE SAFETY OF ALL VA EMPLOYEES, PATIENTS VISITORS AND CONSTRUCTION PERSONNEL FROM FALLING DEBRIS.
14. ALL BIDDERS SHALL VISIT THE SITE PRIOR TO BIDDING.



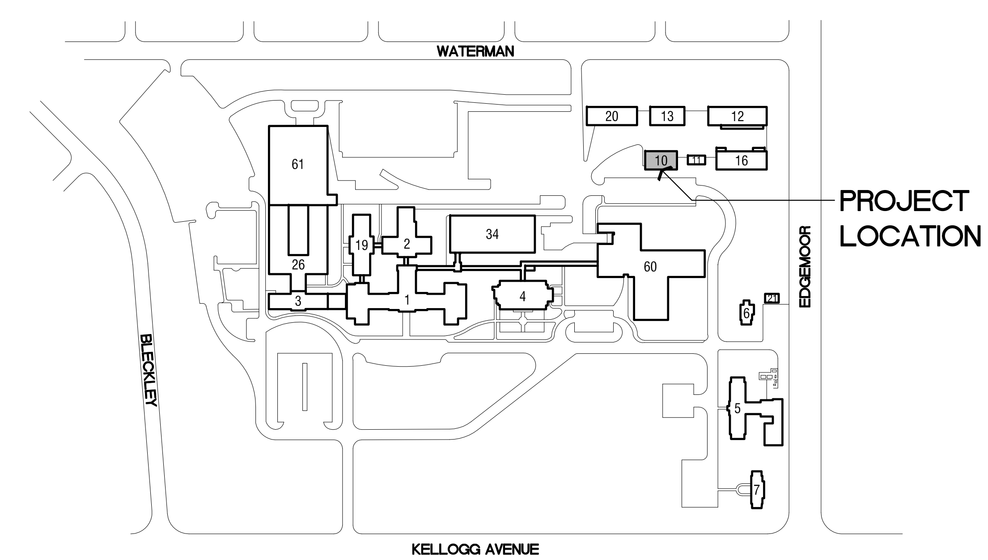
ROOF PLAN - BUILDING 10
1/4" = 1'-0"



1 ROOF DETAIL
1 1/2" = 1'-0"



2 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

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HOWARD + HELMER
project no. 08296.00

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ARCHITECT/ENGINEERS:

ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 10

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108

Building Number: 10

Drawing Number: 10-AS 4

Dwg. 4 of 11

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.

ROOF SLOPE

DEMOLITION NOTES

1. REMOVE ALL CLAY TILE SHINGLES ON ROOF AND ROOF UNDERLAYMENT TO THE EXISTING WOOD DECK.
2. CONTRACTOR TO IDENTIFY DRY ROT OR WATER DAMAGED AREAS OF ROOF AND REPLACE ROOF DECK OR WOOD STRUCTURE WHERE REQUIRED. ROOF DECK AND FRAMING REPLACEMENT TO MATCH EXISTING – REF. GENERAL NOTE 9.

PLAN NOTES

1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. NOT USED.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING SHEET METAL GUTTER. REMOVE AND REUSE WITH NEW EDGE FLASHING AND HOLDING STRAPS – REF. DETAIL 1/AS 5.
5. NOT USED.
6. NOT USED.
7. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 2/AS 5.
8. REUSE STEPPED SHEET METAL FLASHING. SEE GENERAL NOTE 9.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.
11. REMOVE AND REINSTALL MECHANICAL ROOF VENTILATOR.
12. PATCH/REPAIR EXISTING BROKEN, DAMAGED, OR SLIPPED SHEET METAL DOWNSPOUT – MATCH EXISTING.
13. EXISTING TV ANTENNA.
14. PATCH, REPAIR OR REPLACE COPPER CORNICVE RETURN FLASHING AS REQUIRED. SEE GENERAL NOTE 9.

GENERAL NOTES

1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
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8. FIELD VERIFY ALL DIMENSIONS.
9. PROVIDE THE FOLLOWING ALLOWANCES IN THE BID FOR CONSTRUCTION:
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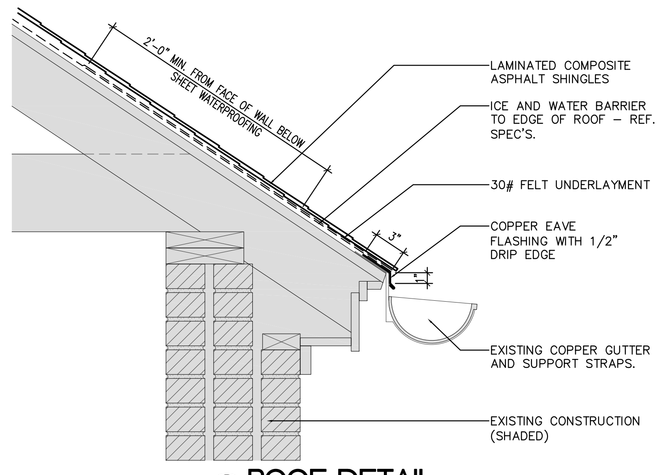
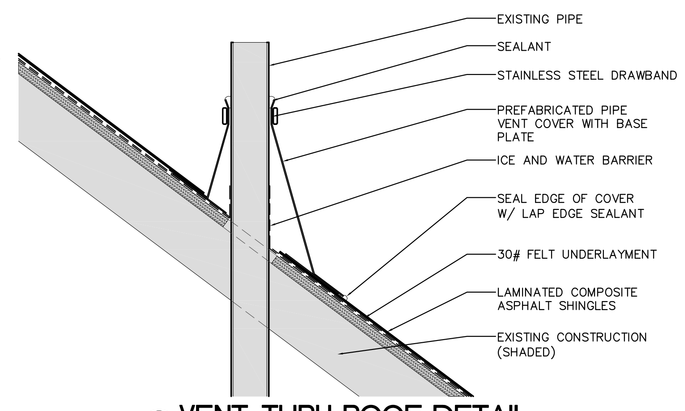
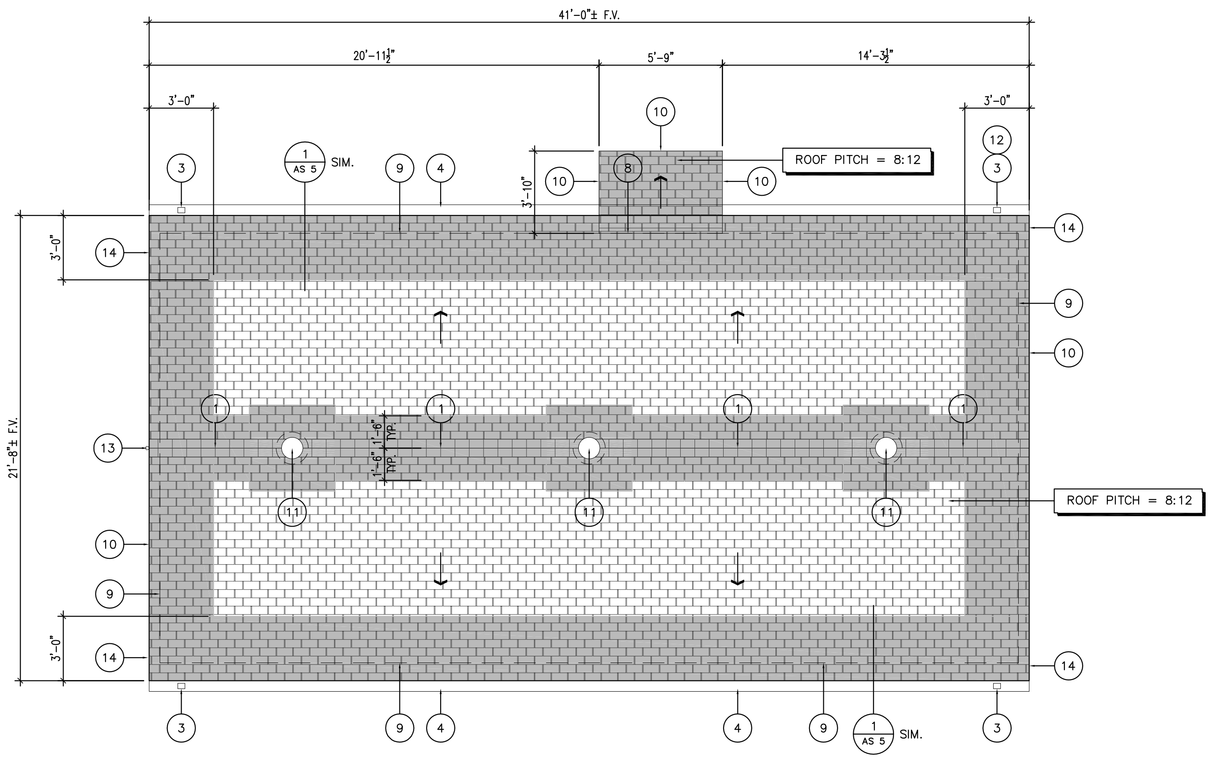


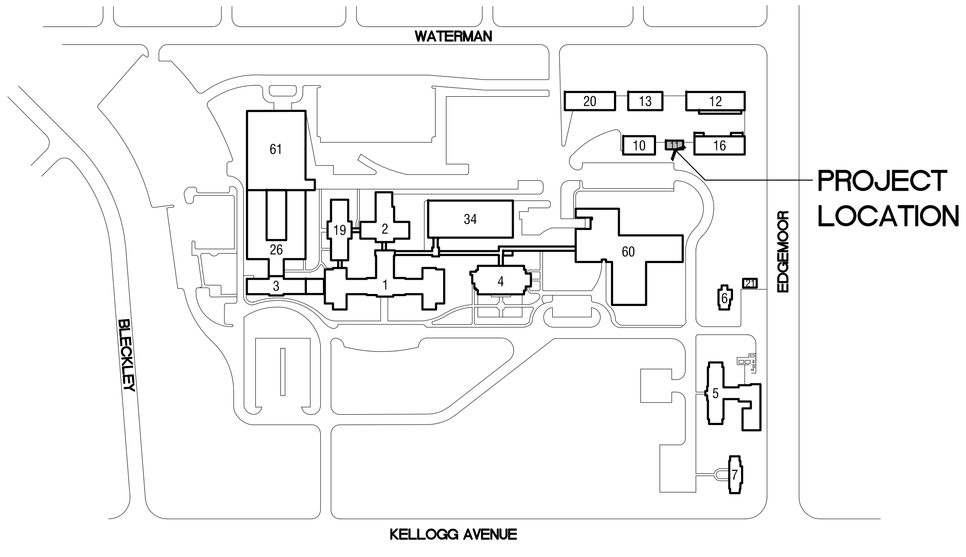
1 ROOF DETAIL
1 1/2" = 1'-0"



2 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



ROOF PLAN - BUILDING 11
1/4" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

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project no. 08296.00

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ARCHITECT/ENGINEERS:

ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 11

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108

Building Number: 11

Drawing Number: 11-AS 5

Dwg. 5 of 11

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.

ROOF SLOPE

DEMOLITION NOTES

1. REMOVE ALL CLAY TILE SHINGLES ON ROOF AND ROOF UNDERLAYMENT TO THE EXISTING WOOD DECK.
2. CONTRACTOR TO IDENTIFY DRY ROT OR WATER DAMAGED AREAS OF ROOF AND REPLACE ROOF DECK OR WOOD STRUCTURE WHERE REQUIRED. ROOF DECK AND FRAMING REPLACEMENT TO MATCH EXISTING – REF. GENERAL NOTE 9.

PLAN NOTES

1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. NOT USED.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING BUILT-IN GUTTER WITH SHEET METAL LINING. PATCH/REPAIR ANY DAMAGED OR LEAKING METAL LINING – MATCH EXISTING. SEE GENERAL NOTE 9.
5. EXISTING ROOF – NO WORK REQUIRED.
6. NOT USED.
7. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 2/AS 6.
8. NOT USED.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.
11. REMOVE AND REINSTALL MECHANICAL ROOF VENTILATOR.
12. PATCH, REPAIR OR REPLACE COPPER CORNICE RETURN FLASHING AS REQUIRED. SEE GENERAL NOTE 9.

GENERAL NOTES

1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
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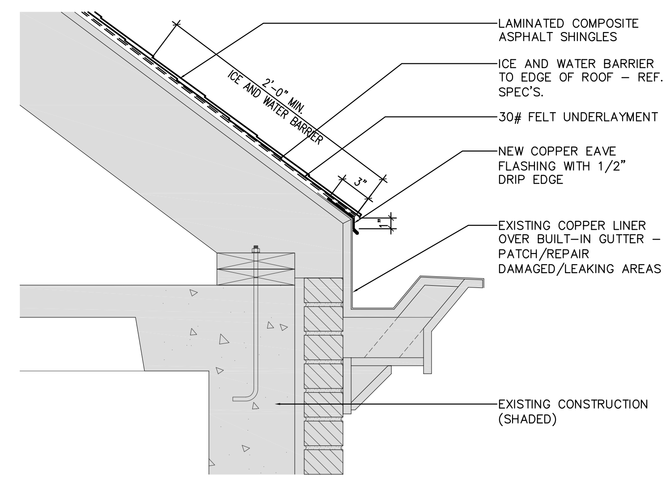
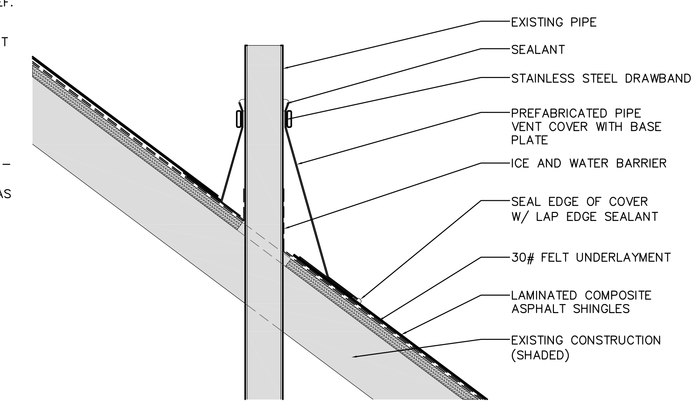
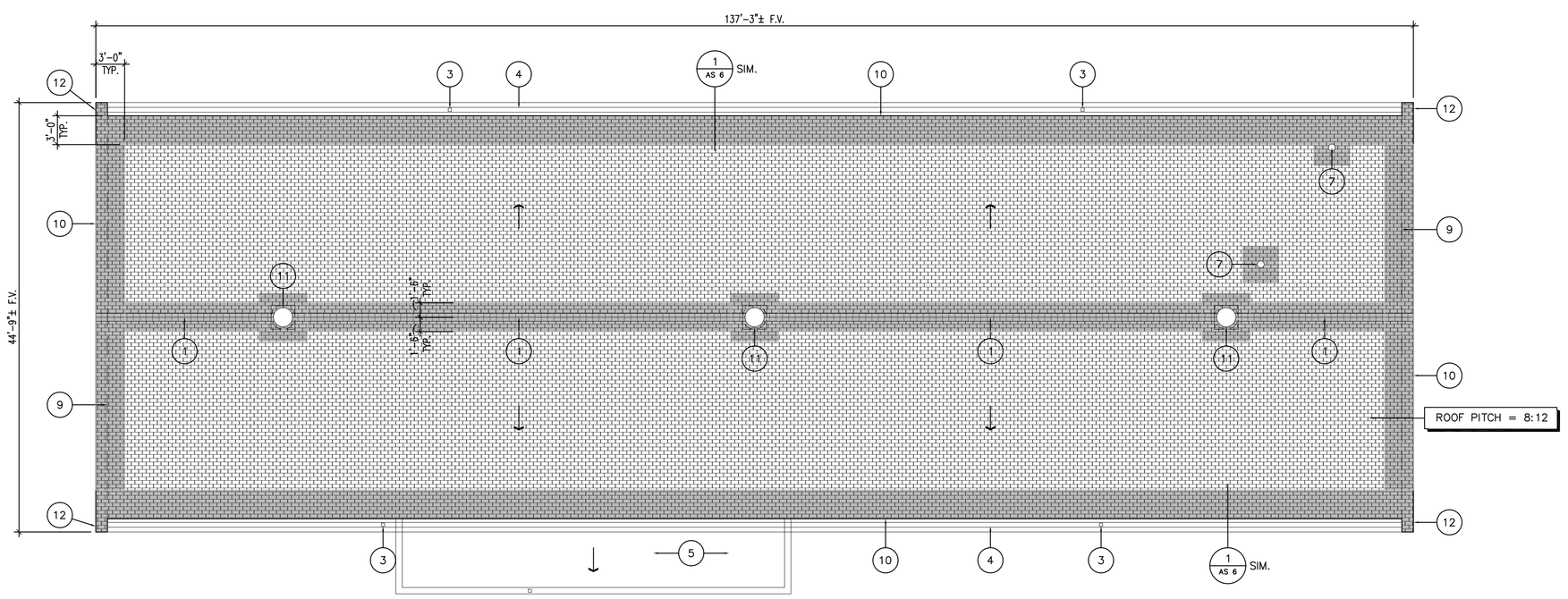


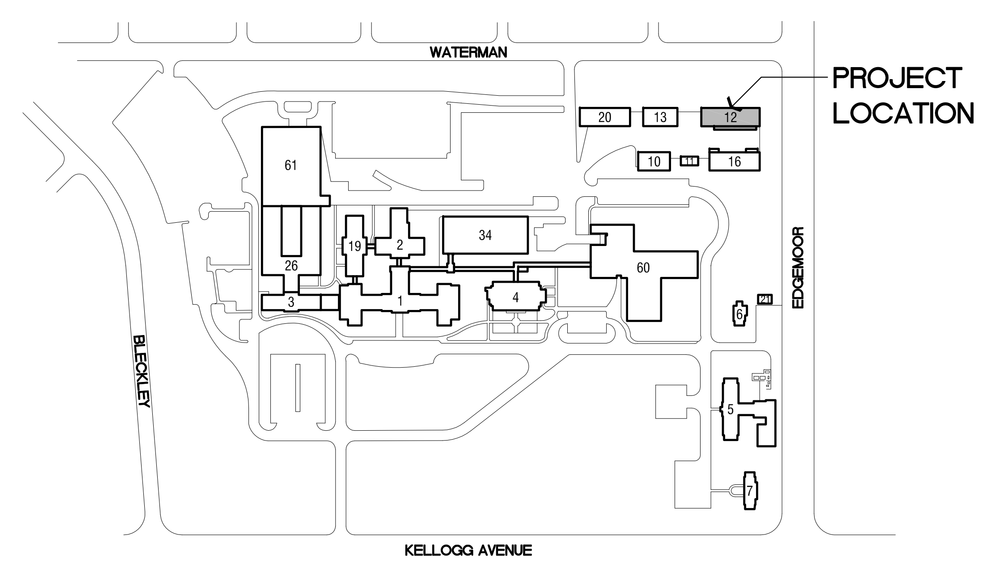
1 ROOF DETAIL
1 1/2" = 1'-0"



2 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



ROOF PLAN - BUILDING 12
1/8" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

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HOWARD + HELMER
project no. 08296.00

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ARCHITECT/ENGINEERS:

ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 12

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108

Building Number: 12

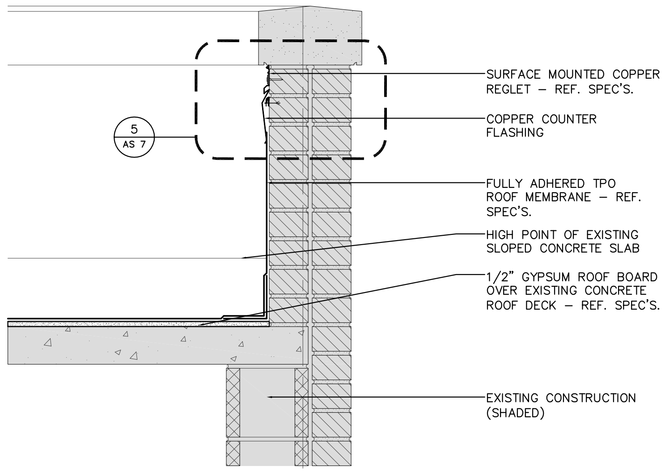
Drawing Number: 12-AS 6

Dwg. 6 of 11

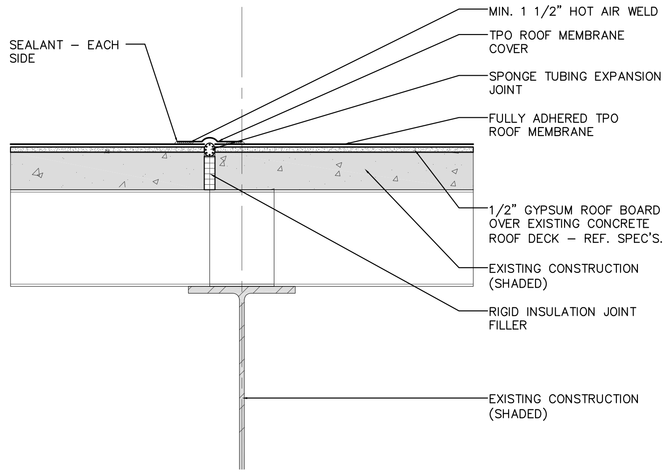
Office of Construction and Facilities Management

Department of Veterans Affairs

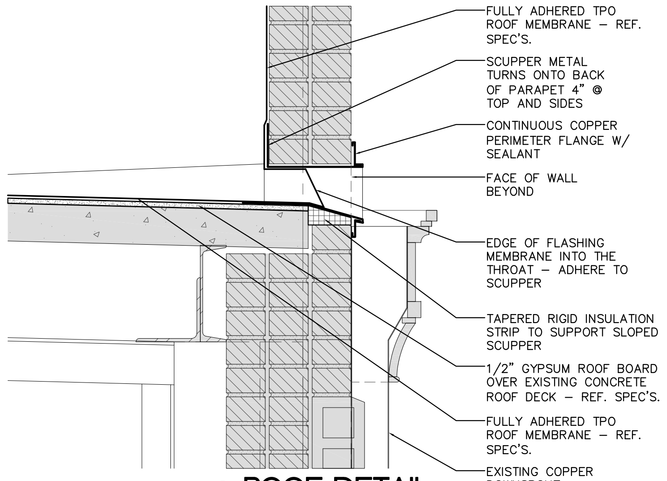
VA FORM 08-6231



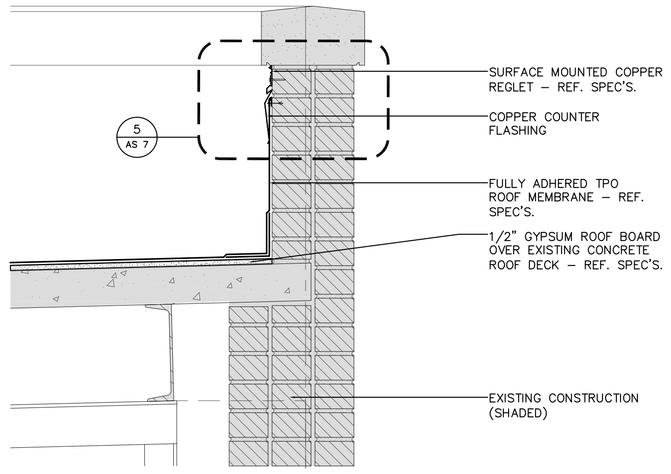
1 ROOF DETAIL
1 1/2" = 1'-0"



2 ROOF DETAIL
1 1/2" = 1'-0"



3 ROOF DETAIL
1 1/2" = 1'-0"



4 ROOF DETAIL
1 1/2" = 1'-0"

LEGEND

FULLY ADHERED SINGLE-PLY TPO MEMBRANE SYSTEM OVER 1/2" COVER BOARD AND EXISTING SLOPED CONCRETE DECK.

DEMOLITION NOTES

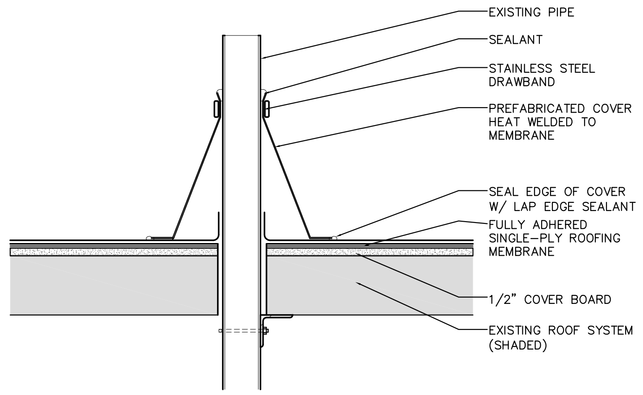
1. REMOVE EXISTING GRAVEL SURFACE AND BUILT-UP ROOF TO CONCRETE DECK.
2. REMOVE COPPER SCUPPERS AND ALL ROOF TERMINATION FLASHINGS.

PLAN NOTES

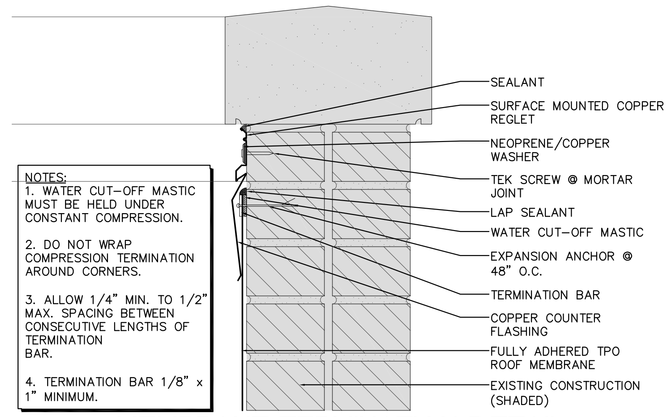
1. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 5/AS 7.
2. 1/2" ROOF COVER BOARD OVER TAPERED ROOF INSULATION – MIN. 1/2" THICK WITH 1/2" PER FOOT SLOPE TO ROOF SCUPPERS.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING BUILT-IN ROOF SCUPPER – REF. DETAIL 3/AS 7.
5. MECHANICAL EXHAUST HOOD – REUSE EXISTING FLASHING.
6. EXISTING ROOF HATCH – REUSE EXISTING FLASHING.

GENERAL NOTES

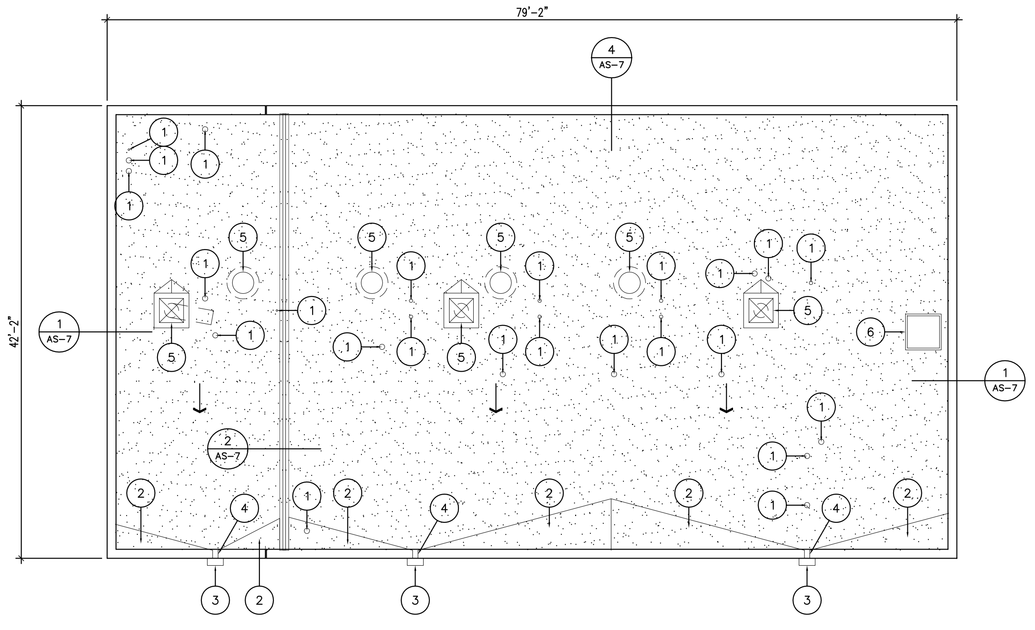
1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
2. PROTECT BUILDING SIDING, ADJACENT ROOFING, SIDEWALKS, LAWNS, ETC. DURING CONSTRUCTION.
3. PLANS ARE DIAGRAMMATIC IN NATURE AND ONLY REPRESENT ROOF TOP EQUIPMENT RELATIVE LOCATIONS THAT WERE PRESENT AT THE TIME OF SITE REVIEW. LOCATIONS ARE NOT EXACT AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO DEMOLITION OR REROOFING WORK.
4. UNDOCUMENTED MISCELLANEOUS ROOF TOP ITEMS SHALL BE FIELD VERIFIED BY CONTRACTOR AND ROOFING WORK AROUND SUCH ITEMS SHALL BE PART OF SCOPE FOR COMPLETE AND WEATHER TIGHT PROJECT.
5. AFTER REMOVAL OF EXISTING ROOFING MATERIALS, CONTRACTOR SHALL VERIFY CONDITIONS OF EXISTING DECK OR SUBSTRATE. CONTACT THE ARCHITECT IF QUESTIONABLE AREAS ARE FOUND.
6. REMOVE AND REPLACE WITH NEW: EXISTING BOOTS, PITCH PANS, AND OTHER PIPE FLASHING PIECES AT PLUMBING AND CONDUIT PIPE PENETRATIONS.
7. FIELD VERIFY ALL DIMENSIONS.
8. PROVIDE THE FOLLOWING ALLOWANCES IN THE BID FOR CONSTRUCTION:
   A. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REPAIR OR REPLACEMENT OF COPPER FLASHINGS, GUTTERS, BRACKETS, OR OTHER COMPONENTS UNCOVERED DURING CONSTRUCTION. COST OF REPAIR/REPLACEMENT OF SPECIFIC ITEMS IDENTIFIED ON PLANS SHALL NOT BE INCLUDED IN ALLOWANCE.
   B. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REMOVAL AND REPLACEMENT OF WOOD DECKING AND FRAMING DUE TO DRY ROT OR OTHER REASONS.
9. EXISTING DRAINS AND DOWNSPOUTS SHALL BE COVERED TO PREVENT CONSTRUCTION DEBRIS FROM FALLING INTO DRAIN PIPES. CLEAN ALL DOWNSPOUTS AT THE END OF ROOFING EACH BUILDING TO ENSURE A FREE FLOWING SYSTEM.
10. SECURE AREA IN VICINITY OF CONSTRUCTION TO ENSURE SAFETY OF ALL VA EMPLOYEES, PATIENTS VISITORS AND CONSTRUCTION PERSONNEL FROM FALLING DEBRIS.
11. ALL BIDDERS SHALL VISIT THE SITE PRIOR TO BIDDING.



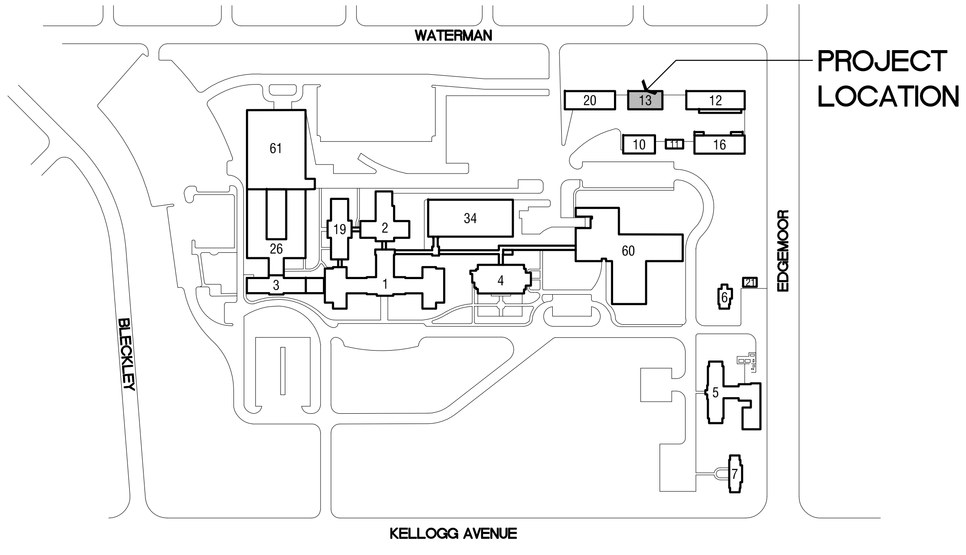
5 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



6 MEMBRANE TERMINATION DETAIL
3" = 1'-0"



ROOF PLAN - BUILDING 13
1/8" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

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project no. 08296.00

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ARCHITECT/ENGINEERS:

ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 13

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108

Building Number: 13

Drawing Number: 13-AS 7

Dwg. 7 of 11

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.

ROOF SLOPE

DEMOLITION NOTES

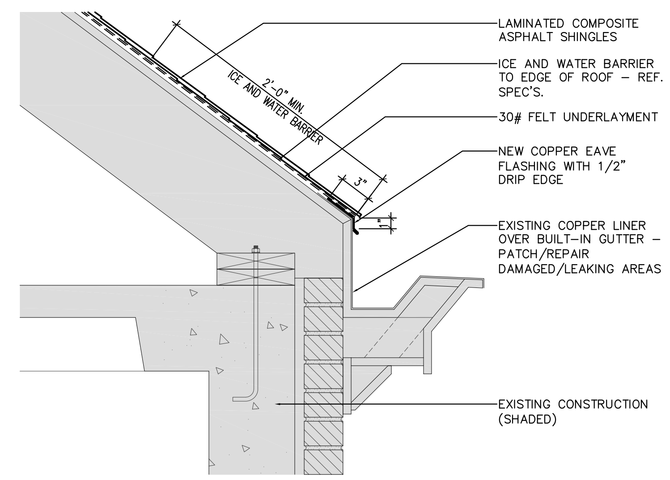
1. REMOVE ALL CLAY TILE SHINGLES ON ROOF AND ROOF UNDERLAYMENT TO THE EXISTING WOOD DECK.
2. CONTRACTOR TO IDENTIFY DRY ROT OR WATER DAMAGED AREAS OF ROOF AND REPLACE ROOF DECK OR WOOD STRUCTURE WHERE REQUIRED. ROOF DECK AND FRAMING REPLACEMENT TO MATCH EXISTING – REF. GENERAL NOTE 9.

PLAN NOTES

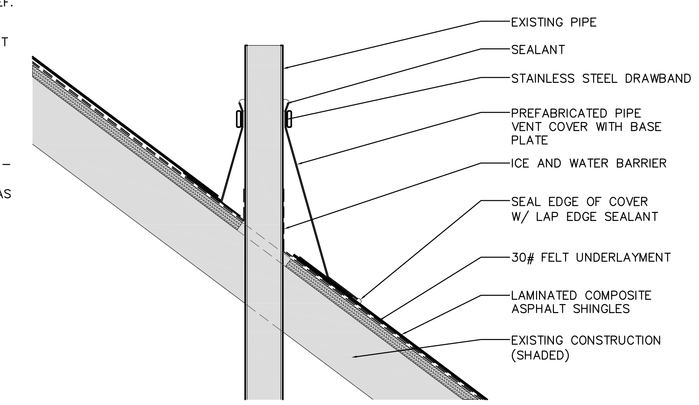
1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. NOT USED.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING BUILT-IN GUTTER WITH SHEET METAL LINING. PATCH/REPAIR ANY DAMAGED OR LEAKING METAL LINING. MATCH EXISTING. SEE GENERAL NOTE 9.
5. NOT USED.
6. NOT USED.
7. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 2/AS 8.
8. NOT USED.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.
11. REMOVE AND REINSTALL MECHANICAL ROOF VENTILATOR.
12. PATCH, REPAIR OR REPLACE COPPER CORNICE RETURN FLASHING AS REQUIRED. SEE GENERAL NOTE 9.

GENERAL NOTES

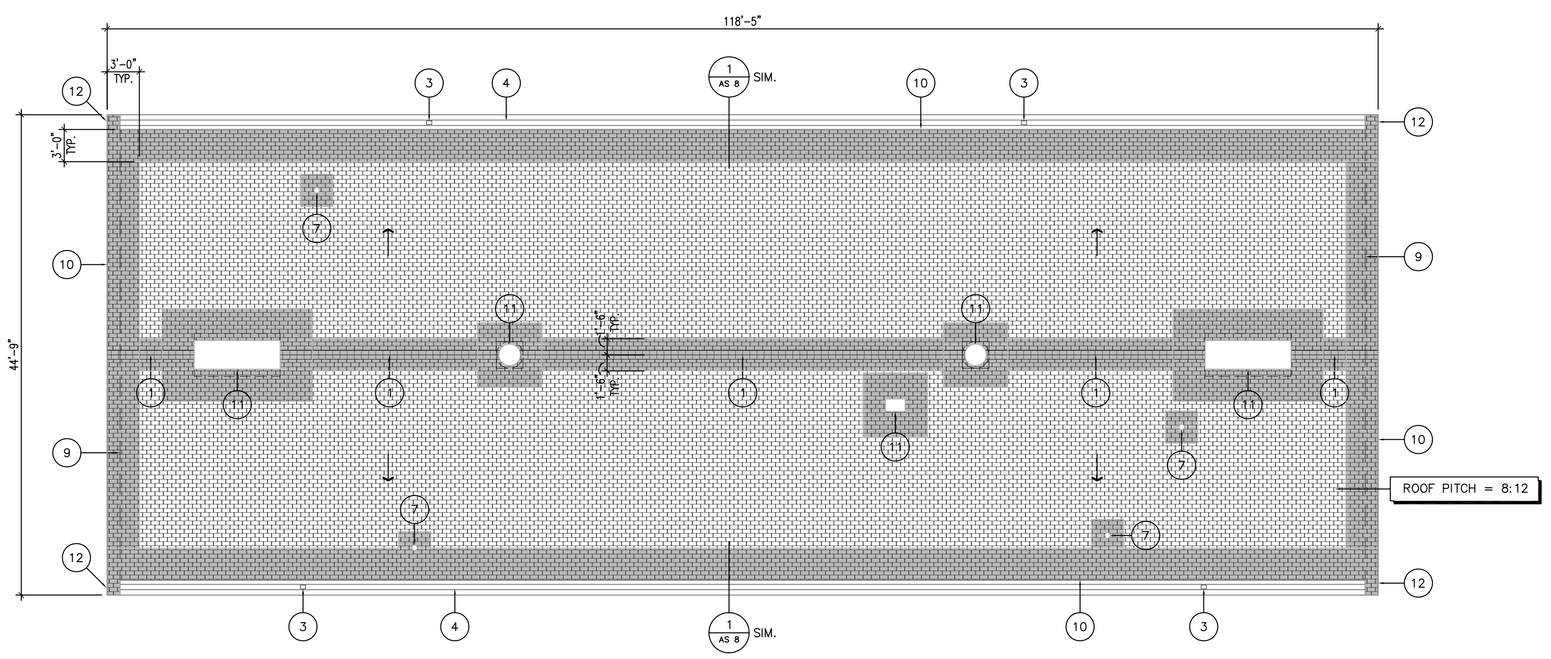
1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
2. PROTECT BUILDING SIDING, ADJACENT ROOFING, SIDEWALKS, LAWNS, ETC. DURING CONSTRUCTION.
3. PLANS ARE DIAGRAMMATIC IN NATURE AND ONLY REPRESENT ROOF TOP EQUIPMENT RELATIVE LOCATIONS THAT WERE PRESENT AT THE TIME OF SITE REVIEW. LOCATIONS ARE NOT EXACT AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO DEMOLITION OR REROOFING WORK.
4. UNDOCUMENTED MISCELLANEOUS ROOF TOP ITEMS SHALL BE FIELD VERIFIED BY CONTRACTOR AND ROOFING WORK AROUND SUCH ITEMS SHALL BE PART OF SCOPE FOR COMPLETE AND WEATHER TIGHT PROJECT.
5. AFTER REMOVAL OF EXISTING ROOFING MATERIALS, CONTRACTOR SHALL VERIFY CONDITIONS OF EXISTING DECK OR SUBSTRATE. CONTACT THE ARCHITECT IF QUESTIONABLE AREAS ARE FOUND.
6. REMOVE AND REPLACE WITH NEW: EXISTING BOOTS, PITCH PANS, AND OTHER PIPE FLASHING PIECES AT PLUMBING AND CONDUIT PIPE PENETRATIONS.
7. MAINTAIN, PROTECT, AND RESET EXISTING COPPER FLASHINGS AND OTHER METAL OR ALUMINUM FLASHINGS FOR REUSE, UNLESS OTHERWSE NOTED. REPLACE DAMAGED SECTIONS WHERE REQUIRED FOR WATERTIGHTNESS.
8. FIELD VERIFY ALL DIMENSIONS.
9. PROVIDE THE FOLLOWING ALLOWANCES IN THE BID FOR CONSTRUCTION:
   A. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REPAIR OR REPLACEMENT OF COPPER FLASHINGS, GUTTERS, BRACKETS, OR OTHER COMPONENTS UNCOVERED DURING CONSTRUCTION. COST OF REPAIR/REPLACEMENT OF SPECIFIC ITEMS IDENTIFIED ON PLANS SHALL NOT BE INCLUDED IN ALLOWANCE.
   B. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REMOVAL AND REPLACEMENT OF WOOD DECKING AND FRAMING DUE TO DRY ROT OR OTHER REASONS. SEE GENERAL NOTES 10 AND 11.
10. DUE TO WATER LEAKS, SOME OF THE WOOD ROOF DECK AND FRAMING MAY BE DAMAGED BY DRY ROT. WHERE DRY ROT IS ENCOUNTERED AND HAS NOT BEEN PREVIOUSLY IDENTIFIED, CONTACT C.O.T.R. FOR REVIEW PRIOR TO CORRECTING CONDITION AND INSTALLING ROOFING.
11. ALL WOOD ROOF REPAIRS SHALL BE MADE BY USING SAME THICKNESS OF PRESENT WOOD DECKING AND RAFTERS. DECKING SHALL BE INSTALLED SUCH THAT ENDS ARE BEARING ON AND SUPPORTED BY HALF THICKNESS OF THE RAFTERS.
12. EXISTING DRAINS AND DOWNSPOUTS SHALL BE COVERED TO PREVENT CONSTRUCTION DEBRIS FROM FALLING INTO DRAIN PIPES. CLEAN ALL DOWNSPOUTS AT THE END OF ROOFING EACH BUILDING TO ENSURE A FREE FLOWING SYSTEM.
13. SECURE AREA IN VICINITY OF CONSTRUCTION TO ENSURE SAFETY OF ALL VA EMPLOYEES, PATIENTS VISITORS AND CONSTRUCTION PERSONNEL FROM FALLING DEBRIS.
14. ALL BIDDERS SHALL VISIT THE SITE PRIOR TO BIDDING.



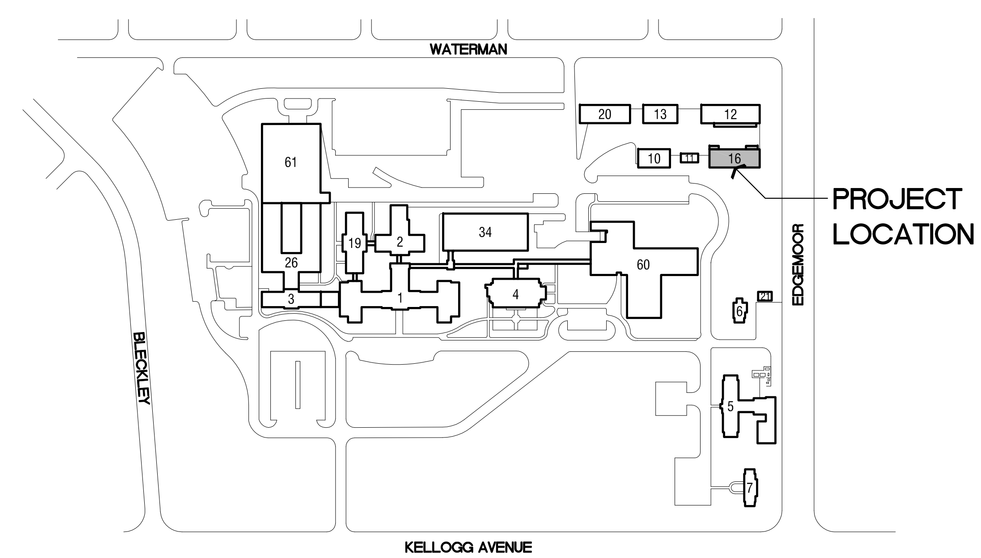
1 ROOF DETAIL
1 1/2" = 1'-0"



2 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



ROOF PLAN - BUILDING 16
1/8" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

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ARCHITECT/ENGINEERS:

ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 16

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108

Building Number: 16

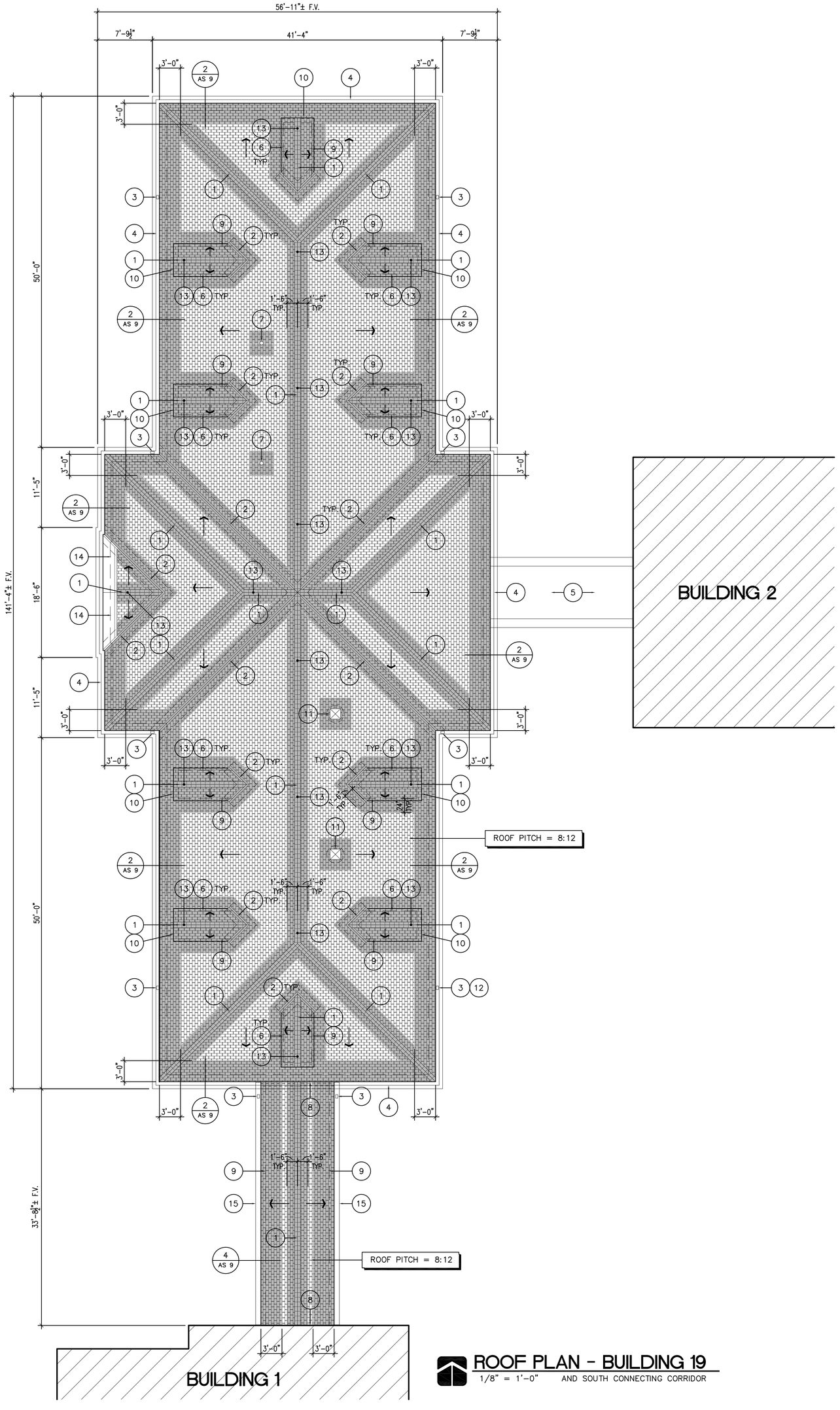
Drawing Number: 16-AS 8

Dwg. 8 of 11

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231



ROOF PLAN - BUILDING 19

1/8" = 1'-0" AND SOUTH CONNECTING CORRIDOR

LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.

ROOF SLOPE

DEMOLITION NOTES

1. REMOVE ALL CLAY TILE SHINGLES ON ROOF AND ROOF UNDERLAYMENT TO THE EXISTING WOOD DECK.
2. CONTRACTOR TO IDENTIFY DRY ROT OR WATER DAMAGED AREAS OF ROOF AND REPLACE ROOF DECK OR WOOD STRUCTURE WHERE REQUIRED. ROOF DECK AND FRAMING REPLACEMENT TO MATCH EXISTING – REF. GENERAL NOTE 9.

PLAN NOTES

1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. REUSE EXISTING COPPER VALLEY FLASHING. SEE GENRAL NOTE 9.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING BUILT–IN GUTTER WITH SHEET METAL LINING. PATCH/REPAIR DAMAGED OR LEAKING METAL LINING. MATCH EXISTING. SEE GENERAL NOTE 9.
5. EXISTING ROOF – NO WORK REQUIRED.
6. REF. DETAIL 1/AS 9 FOR DORMER ELEVATION.
7. MECHANICAL VENT PIPE OR EXHAUST HOOD – REF. DETAIL 3/AS 9.
8. REUSE STEPPED SHEET METAL FLASHING. PATCH OR REPLACE DAMAGED SECTIONS AS REQUIRED. SEE GENERAL NOTE 9.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.
11. REMOVE AND REINSTALL MECHANICAL ROOF VENTILATOR.
12. PATCH/REPAIR EXISTING BROKEN, DAMAGED, OR SLIPPED SHEET METAL DOWNSPOUT – MATCH EXISTING.
13. LIGHTNING PROTECTION ARRESTOR. CONTRACTOR IS TO REMOVE AND SALVAGE LIGHTNING PROTECTION ARRESTORS AND CABLES FOR REUSE ONCE NEW ROOF IS COMPLETED. FIELD VERIFY COMPONENTS TO BE SALVAGED. REPLACE ANY MISSING OR DAMAGED COMPONENTS.
14. EXISTING METAL ROOF TO REMAIN. FLASH NEW ASPHALT SHINGLE EDGE INTO EXISTING.
15. EXISTING COPPER GUTTER. REMOVE AND REUSE WITH NEW SHEET METAL EAVE EDGE FLASHING AND HOLDING STRAPS – REF. DETAIL 4/AS 9. REPAIR OR REPLACE DAMAGED SECTIONS. SEE GENERAL NOTE 9.

GENERAL NOTES

1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
2. PROTECT BUILDING SIDING, ADJACENT ROOFING, SIDEWALKS, LAWNS, ETC. DURING CONSTRUCTION.
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5. AFTER REMOVAL OF EXISTING ROOFING MATERIALS, CONTRACTOR SHALL VERIFY CONDITIONS OF EXISTING DECK OR SUBSTRATE. CONTACT THE ARCHITECT IF QUESTIONABLE AREAS ARE FOUND.
6. REMOVE AND REPLACE WITH NEW: EXISTING BOOTS, PITCH PANS, AND OTHER PIPE FLASHING PIECES AT PLUMBING AND CONDUIT PIPE PENETRATIONS.
7. MAINTAIN, PROTECT, AND RESET EXISTING COPPER FLASHINGS AND OTHER METAL OR ALUMINUM FLASHINGS FOR REUSE, UNLESS OTHERWISE NOTED. REPLACE DAMAGED SECTIONS WHERE REQUIRED FOR WATERTIGHTNESS.
8. FIELD VERIFY ALL DIMENSIONS.
9. PROVIDE THE FOLLOWING ALLOWANCES IN THE BID FOR CONSTRUCTION:
   - A. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REPAIR OR REPLACEMENT OF COPPER FLASHINGS, GUTTERS, BRACKETS, OR OTHER COMPONENTS UNCOVERED DURING CONSTRUCTION. COST OF REPAIR/REPLACEMENT OF SPECIFIC ITEMS IDENTIFIED ON PLANS SHALL NOT BE INCLUDED IN ALLOWANCE.
   - B. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REMOVAL AND REPLACEMENT OF WOOD DECKING AND FRAMING DUE TO DRY ROT OR OTHER REASONS. SEE GENERAL NOTES 10 AND 11.
10. DUE TO WATER LEAKS, SOME OF THE WOOD ROOF DECK AND FRAMING MAY BE DAMAGED BY DRY ROT. WHERE DRY ROT IS ENCOUNTERED AND HAS NOT BEEN PREVIOUSLY IDENTIFIED, CONTACT C.O.T.R. FOR REVIEW PRIOR TO CORRECTING CONDITION AND INSTALLING ROOFING.
11. ALL WOOD ROOF REPAIRS SHALL BE MADE BY USING SAME THICKNESS OF PRESENT WOOD DECKING AND RAFTERS. DECKING SHALL BE INSTALLED SUCH THAT ENDS ARE BEARING ON AND SUPPORTED BY HALF THICKNESS OF THE RAFTERS.
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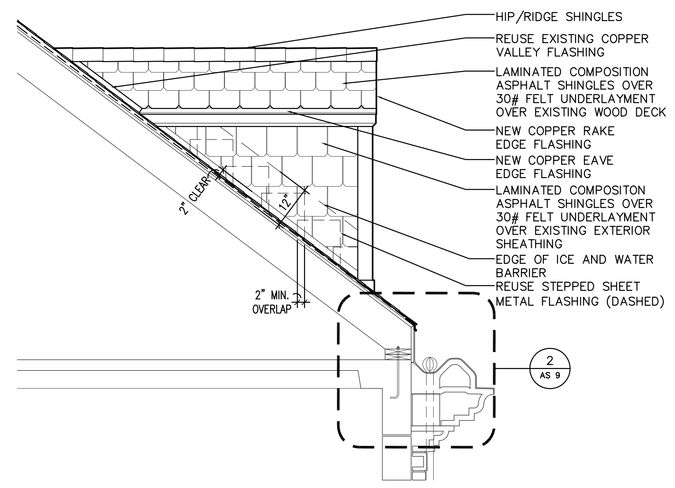
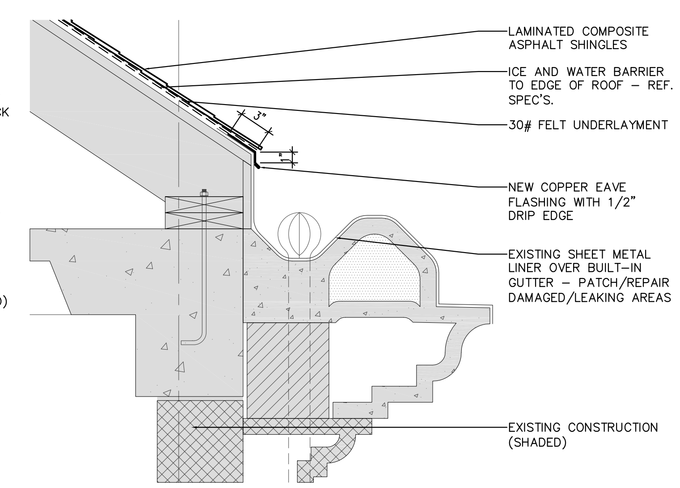
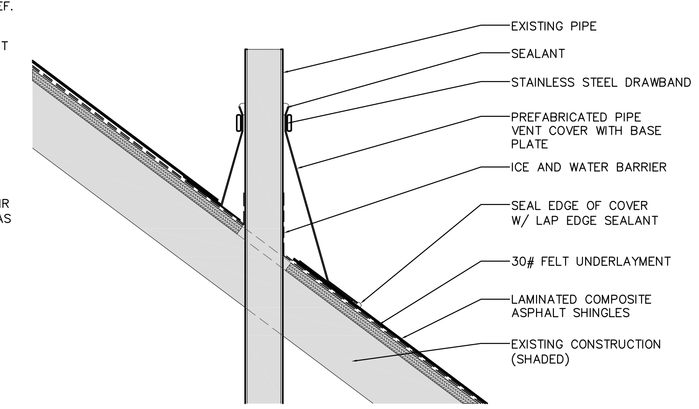
13. SECURE AREA IN VICINITY OF CONSTRUCTION TO ENSURE SAFETY OF ALL VA EMPLOYEES, PATIENTS VISITORS AND CONSTRUCTION PERSONNEL FROM FALLING DEBRIS.
14. ALL BIDDERS SHALL VISIT THE SITE PRIOR TO BIDDING.



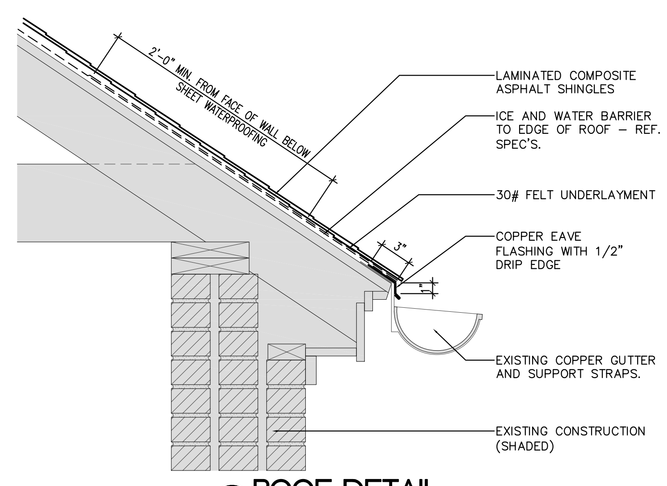
1 ROOF DORMER ELEVATION
1/2" = 1'-0"



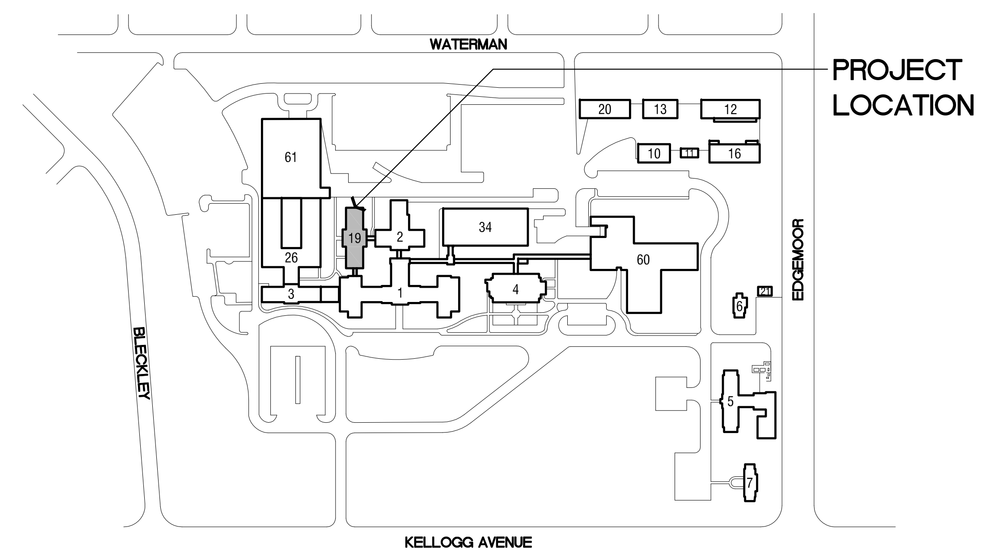
2 ROOF DETAIL
1 1/2" = 1'-0"



3 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



4 ROOF DETAIL
1 1/2" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

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project no. 08296.00

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ARCHITECT/ENGINEERS:

ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 19

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108

Building Number: 19

Drawing Number: 19-AS 9

Dwg. 9 of 11

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

LOCATIONS OF ICE AND WATER BARRIER. WATERPROOFING MUST BE 2'-0" MIN. FROM FACE OF EXTERIOR WALL BELOW – REF. SPEC'S.

ROOF SLOPE

DEMOLITION NOTES

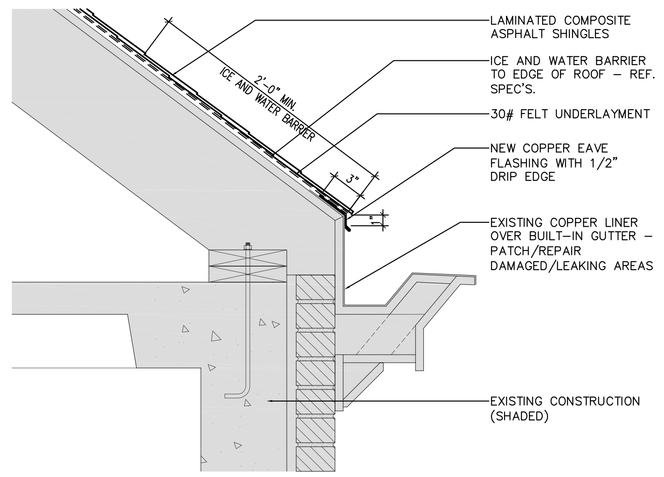
1. REMOVE ALL CLAY TILE SHINGLES ON ROOF AND ROOF UNDERLAYMENT TO THE EXISTING WOOD DECK.
2. CONTRACTOR TO IDENTIFY DRY ROT OR WATER DAMAGED AREAS OF ROOF AND REPLACE ROOF DECK OR WOOD STRUCTURE WHERE REQUIRED. ROOF DECK AND FRAMING REPLACEMENT TO MATCH EXISTING – REF. GENERAL NOTE 9.

PLAN NOTES

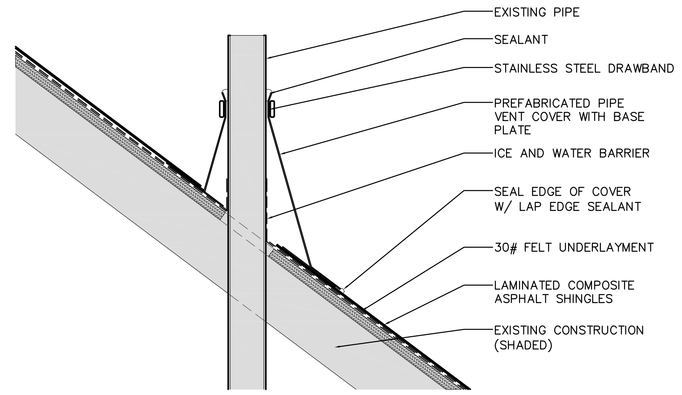
1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. NOT USED.
3. EXISTING SHEET METAL DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING BUILT-IN GUTTER WITH SHEET METAL LINING. PATCH/REPAIR ANY DAMAGED OR LEAKING METAL LINING – MATCH EXISTING. SEE GENERAL NOTE 9.
5. NOT USED.
6. NOT USED.
7. MECHANICAL OR PLUMBING VENT PIPE – REF. DETAIL 2/AS 10.
8. NOT USED.
9. FACE OF WALL BELOW.
10. NEW COPPER RAKE/EAVE EDGE FLASHING.
11. REMOVE AND REINSTALL MECHANICAL ROOF VENTILATOR.

GENERAL NOTES

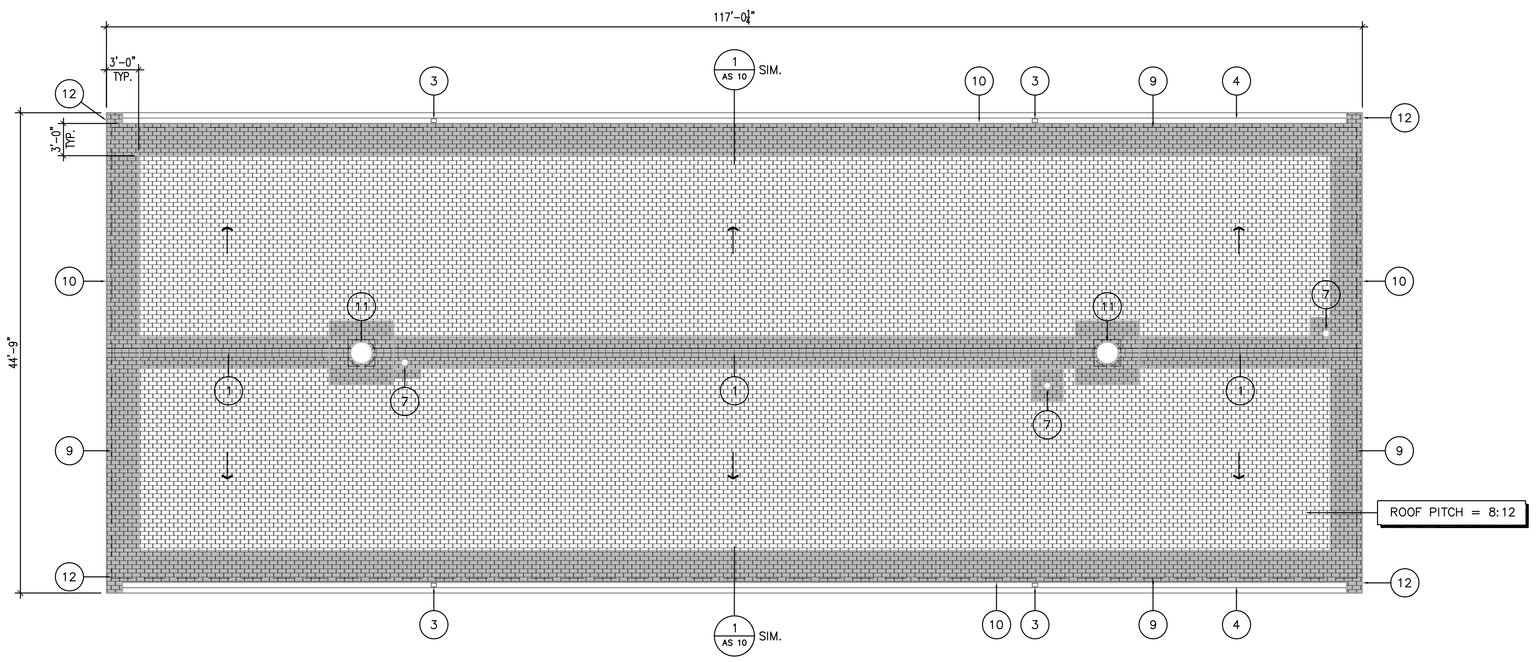
1. PROTECT EXISTING ROOFTOP EQUIPMENT AND MATERIALS TO REMAIN DURING CONSTRUCTION.
2. PROTECT BUILDING SIDING, ADJACENT ROOFING, SIDEWALKS, LAWNS, ETC. DURING CONSTRUCTION.
3. PLANS ARE DIAGRAMMATIC IN NATURE AND ONLY REPRESENT ROOF TOP EQUIPMENT RELATIVE LOCATIONS THAT WERE PRESENT AT THE TIME OF SITE REVIEW. LOCATIONS ARE NOT EXACT AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO DEMOLITION OR REROOFING WORK.
4. UNDOCUMENTED MISCELLANEOUS ROOF TOP ITEMS SHALL BE FIELD VERIFIED BY CONTRACTOR AND ROOFING WORK AROUND SUCH ITEMS SHALL BE PART OF SCOPE FOR COMPLETE AND WEATHER TIGHT PROJECT.
5. AFTER REMOVAL OF EXISTING ROOFING MATERIALS, CONTRACTOR SHALL VERIFY CONDITIONS OF EXISTING DECK OR SUBSTRATE. CONTACT THE ARCHITECT IF QUESTIONABLE AREAS ARE FOUND.
6. REMOVE AND REPLACE WITH NEW: EXISTING BOOTS, PITCH PANS, AND OTHER PIPE FLASHING PIECES AT PLUMBING AND CONDUIT PIPE PENETRATIONS.
7. MAINTAIN, PROTECT, AND RESET EXISTING COPPER FLASHINGS AND OTHER METAL OR ALUMINUM FLASHINGS FOR REUSE, UNLESS OTHERWSE NOTED. REPLACE DAMAGED SECTIONS WHERE REQUIRED FOR WATERTIGHTNESS.
8. FIELD VERIFY ALL DIMENSIONS.
9. PROVIDE THE FOLLOWING ALLOWANCES IN THE BID FOR CONSTRUCTION:
   A. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REPAIR OR REPLACEMENT OF COPPER FLASHINGS, GUTTERS, BRACKETS, OR OTHER COMPONENTS UNCOVERED DURING CONSTRUCTION. COST OF REPAIR/REPLACEMENT OF SPECIFIC ITEMS IDENTIFIED ON PLANS SHALL NOT BE INCLUDED IN ALLOWANCE.
   B. 5% OF TOTAL BID TO PROVIDE ALLOWANCE FOR REMOVAL AND REPLACEMENT OF WOOD DECKING AND FRAMING DUE TO DRY ROT OR OTHER REASONS. SEE GENERAL NOTES 10 AND 11.
10. DUE TO WATER LEAKS, SOME OF THE WOOD ROOF DECK AND FRAMING MAY BE DAMAGED BY DRY ROT. WHERE DRY ROT IS ENCOUNTERED AND HAS NOT BEEN PREVIOUSLY IDENTIFIED, CONTACT C.O.T.R. FOR REVIEW PRIOR TO CORRECTING CONDITION AND INSTALLING ROOFING.
11. ALL WOOD ROOF REPAIRS SHALL BE MADE BY USING SAME THICKNESS OF PRESENT WOOD DECKING AND RAFTERS. DECKING SHALL BE INSTALLED SUCH THAT ENDS ARE BEARING ON AND SUPPORTED BY HALF THICKNESS OF THE RAFTERS.
12. EXISTING DRAINS AND DOWNSPOUTS SHALL BE COVERED TO PREVENT CONSTRUCTION DEBRIS FROM FALLING INTO DRAIN PIPES. CLEAN ALL DOWNSPOUTS AT THE END OF ROOFING EACH BUILDING TO ENSURE A FREE FLOWING SYSTEM.
13. SECURE AREA IN VICINITY OF CONSTRUCTION TO ENSURE SAFETY OF ALL VA EMPLOYEES, PATIENTS VISITORS AND CONSTRUCTION PERSONNEL FROM FALLING DEBRIS.
14. ALL BIDDERS SHALL VISIT THE SITE PRIOR TO BIDDING.



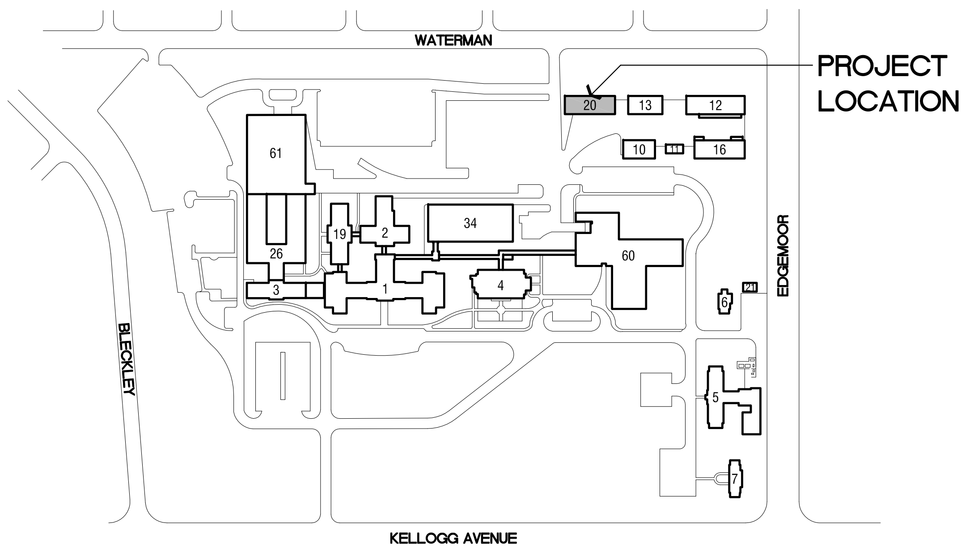
1 ROOF DETAIL
1 1/2" = 1'-0"



2 VENT-THRU ROOF DETAIL
1 1/2" = 1'-0"



ROOF PLAN - BUILDING 20
1/8" = 1'-0"



AREA MAP
N.T.S.

Revisions:	Date

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HOWARD + HELMER
project no. 08296.00

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ARCHITECT/ENGINEERS:
ARCHITECT - HOWARD + HELMER ARCHITECTURE

Drawing Title: ROOF PLAN - BUILDING 20

Project Title: FCA - REPLACE ROOFS, BUILDINGS 5-7, 10-13, 16, 19, 20 AND CONNECTING CORRIDOR

Location: 5500 EAST KELLOGG WICHITA, KANSAS

Date: 31 March 2009 | Checked: RDS | Drawn: GRS

Project Number: 589A7-09-108
Building Number: 16
Drawing Number: 20-AS 10
Dwg. 10 of 11

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

LEGEND

LAMINATED COMPOSITION ASPHALT SHINGLES OVER 30# ASPHALTIC FELT UNDERLAYMENT OVER EXISTING ROOF DECK OR WATERPROOF UNDERLAYMENT WHERE IT OCCURS. CONTRACTOR TO VERIFY CONDITION OF EXISTING SUBSTRATE.

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DEMOLITION NOTES

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PLAN NOTES

1. ROOF HIP/RIDGE WITH HIP/RIDGE SHINGLES – REF. SPEC'S.
2. NOT USED.
3. EXISTING COPPER DOWNSPOUT. INSTALL NEW DEBRIS SCREEN IF MISSING.
4. EXISTING SHEET METAL GUTTER. REMOVE AND REUSE WITH NEW COPPER EAVE FLASHING AND HOLDING STRAPS. SEE GENERAL NOTE 9.
5. EXISTING ROOF – NO WORK REQUIRED.
6. NOT USED.
7. NOT USED.
8. REUSE STEPPED COPPER FLASHING. PATCH/REPLACE DAMAGED SECTIONS. SEE GENERAL NOTE 9.
9. FACE OF WALL BELOW.
10. NOT USED.
11. NOT USED.
12. PATCH/REPAIR EXISTING BROKEN, DAMAGED, OR SLIPPED SHEET METAL DOWNSPOUT – MATCH EXISTING.
13. STRAIGHTEN SLOPE OF APPROXIMATELY 40'-0" HALF-ROUND GUTTER TO ALLOW FLOW TO DOWNSPOUTS – REPAIR SUPPORT BRACKETS.
14. REPAIR APPROXIMATELY 20'-0" HALF-ROUND GUTTER – REPAIR/REPLACE SUPPORT BRACKETS.

GENERAL NOTES

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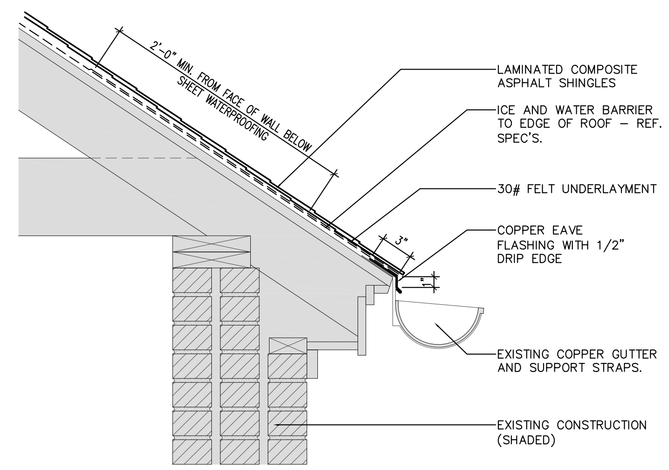

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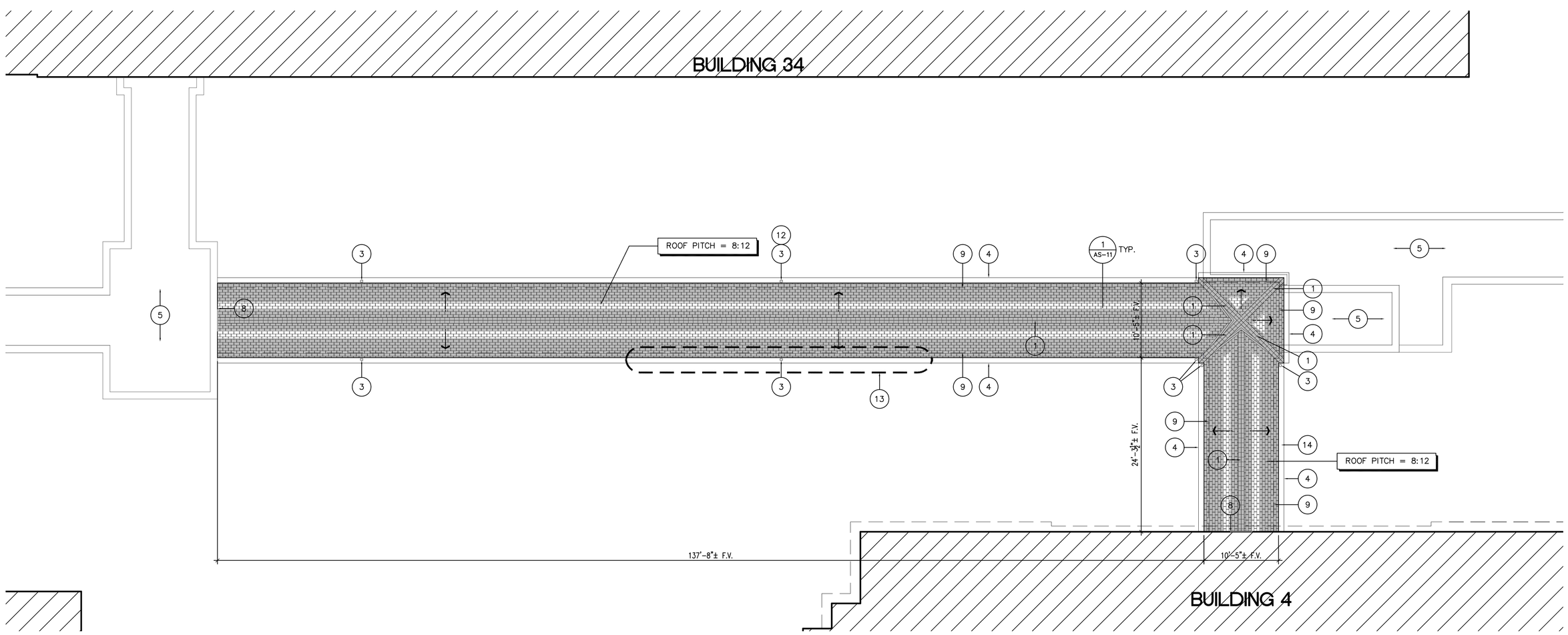

ROOF PLAN - CONNECTING CORRIDOR
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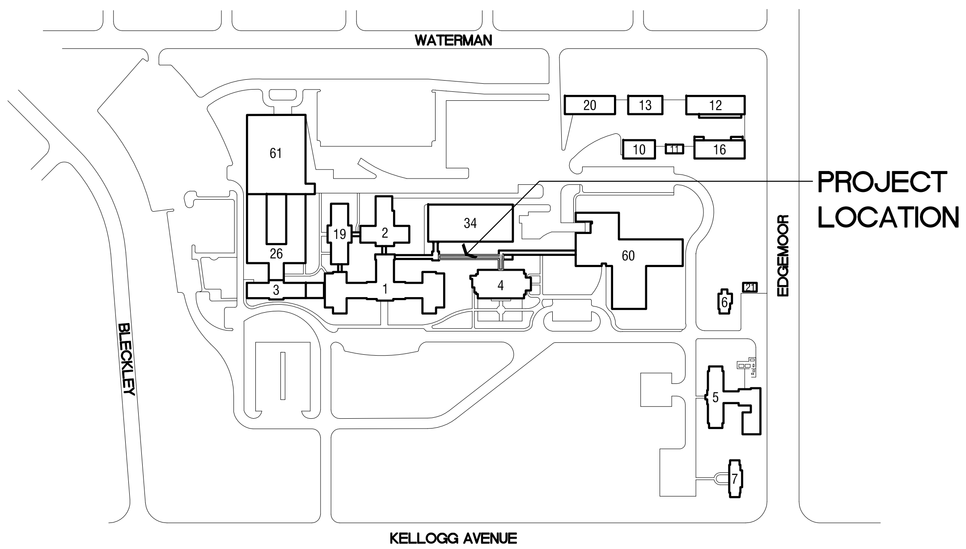

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Revisions:	Date

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