

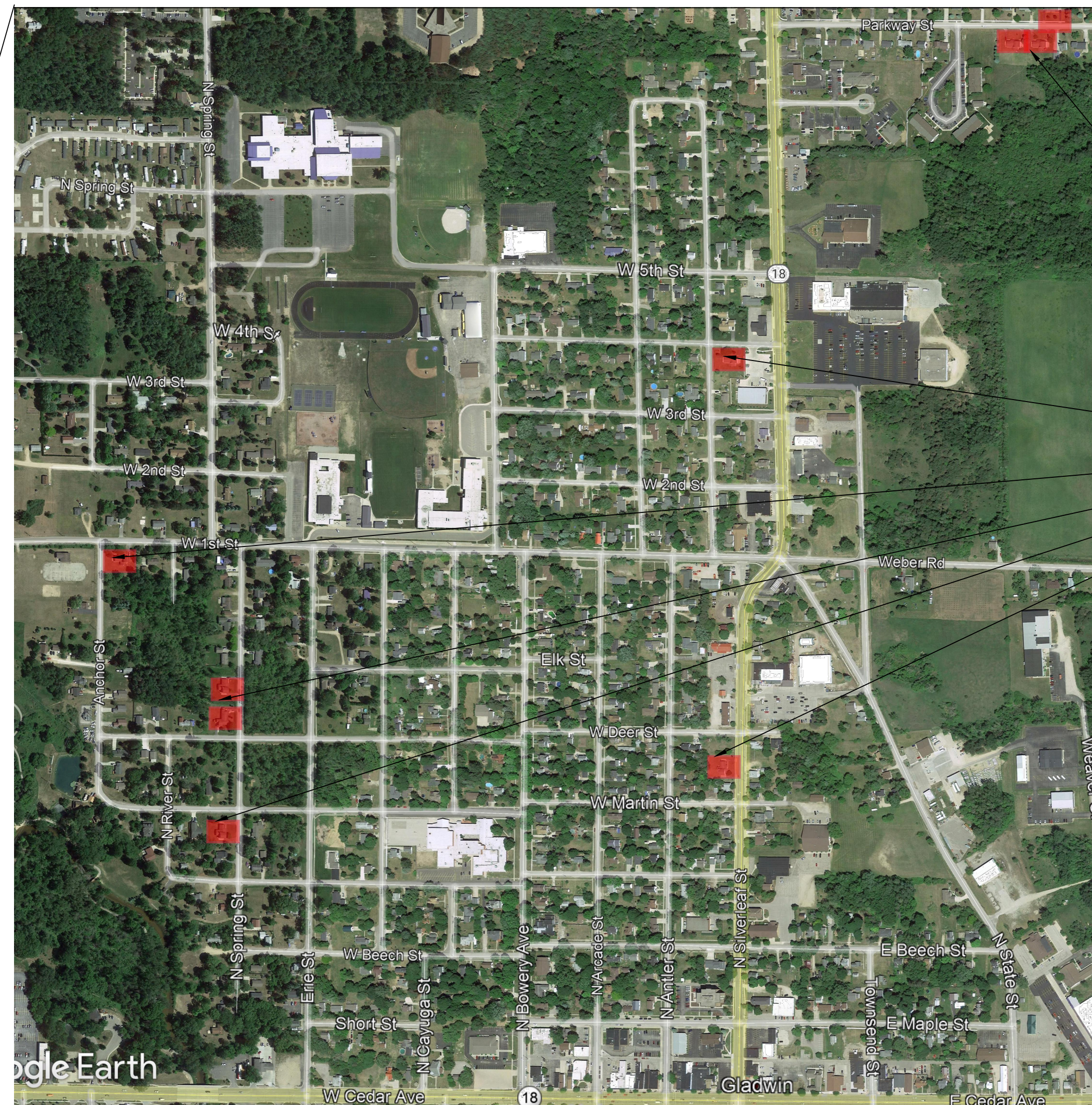
Scattered Sites, Gladwin, Michigan



GLADWIN
CITY HOUSING
COMMISSION

ROOF REPLACEMENT-SCATTERED SITES

Seal:



111 / 113 W. 4TH ST.
905 / 907 W. 1ST ST.
555 / 557 PARKWAY ST.
534 / 536 PARKWAY ST.
411 / 413 N. SPRING ST.
522 / 524 PARKWAY ST.
511 / 513 N. SILVERLEAF ST.
611 / 613 N. SPRING ST.
800 DEER / 601 N. SPRING ST.



SHEET INDEX		
NO.		DATE
GENERAL		
CS-001	COVER SHEET	10-29-2021
ARCHITECTURAL		
A-201	ROOF PLAN - BUILDING 'A'	10-29-2021
A-202	ROOF PLAN - BUILDING 'B'	10-29-2021
A-300	ROOF DETAILS	10-29-2021

Project Number: 21598

Sheet Number: **CS-001**

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Sault Ste. Marie • Tampa • Wyandotte

www.sidockgroup.com

Key Plan: No Scale

Client: GLADWIN CITY HOUSING COMMISSION

project:
ROOF
REPLACEMENT-
SCATTERED
SITES

LADWIN, MI

deal:

State	Issued For
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1-22-21	OWNER REVIEW
4-18-22	BIDDING

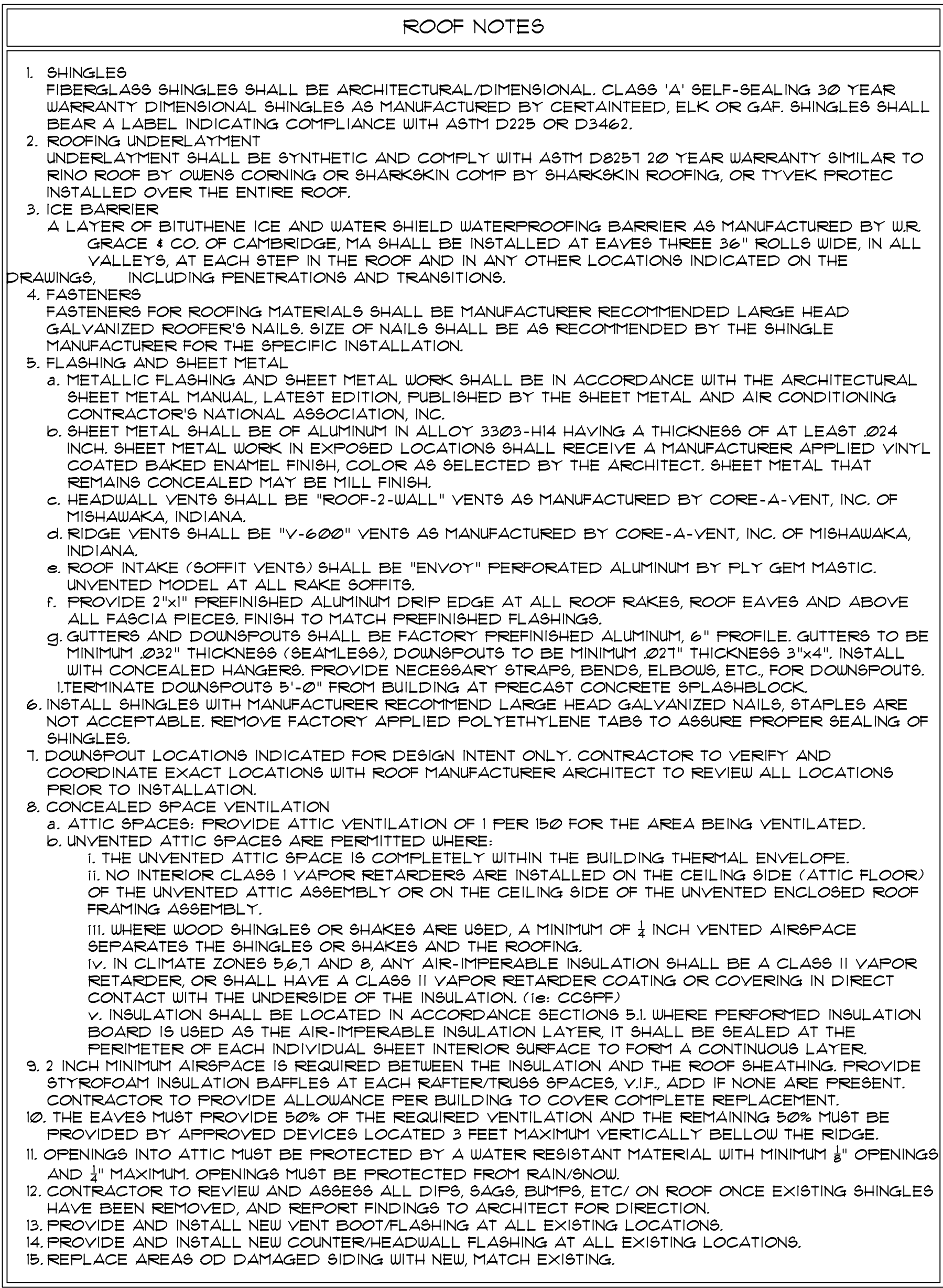
Drawn:	SM
Checked:	TM
Approved:	BL

Sheet Title:
ROOF PLAN 'A'

Project Number: 21598

Sheet Number: **A-201**

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ROOF NOTES

1. **FIBERGLASS SHINGLES**
SHINGLES SHALL BE ARCHITECTURAL, CLASS 90 'A' SELF-SEALING 30 YEAR WARRANTY DIMENSIONAL SHINGLES AS MANUFACTURED BY CERTAINTED, ELK OR GAF. SHINGLES SHALL BEAR A LABEL INDICATING COMPLIANCE WITH ASTM D225 OR D3462.
2. **ROOFING UNDERLAYMENT**
UNDERLAYMENT SHALL BE SYNTHETIC AND COMPLY WITH ASTM D8251 20 YEAR WARRANTY SIMILAR TO RPS ROOF BY QUENS CORNING OR SHARKSKIN COMP BY SHARKSKIN ROOFING, OR TYVEK PROTEC INSTALLED OVER THE ENTIRE ROOF.
3. **ICE BARRIER**
A LAYER OF BITUMEN ICE AND WATER SHEED WATERPROOFING BARRIER AS MANUFACTURED BY W.R. GRACE & CO. OF CAMBRIDGE, MA SHALL BE INSTALLED AT EAVES THREE 36" ROLLS WIDE, IN ALL VALLEYS, AT EACH STEP IN THE ROOF AND IN ANY OTHER LOCATIONS INDICATED ON THE DRAWINGS, INCLUDING PENETRATIONS AND TRANSITIONS.
4. **FASTENERS**
FASTENERS FOR ROOFING MATERIALS SHALL BE MANUFACTURER RECOMMENDED LARGE HEAD GALVANIZED ROOFER'S NAILS. SIZE OF NAILS SHALL BE AS RECOMMENDED BY THE SHINGLE MANUFACTURER FOR THE SPECIFIC INSTALLATION.
5. **FLASHING AND SHEET METAL**
 - a. METALLIC FLASHING AND SHEET METAL WORK SHALL BE IN ACCORDANCE WITH THE ARCHITECTURAL SHEET METAL MANUAL, LATEST EDITION, PUBLISHED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION, INC.
 - b. SHEET METAL SHALL BE OF ALUMINUM IN ALLOY 3303-H14 HAVING A THICKNESS OF AT LEAST .024 INCH. SHEET METAL WORK IN EXPOSED LOCATIONS SHALL RECEIVE A MANUFACTURER APPLIED VINYL COATED BAKED ENAMEL FINISH, COLOR AS SELECTED BY THE ARCHITECT. SHEET METAL THAT REMAINS CONCEALED MAY BE MILL FINISH.
 - c. HEADWALL VENTS SHALL BE "ROOF-2-WALL" VENTS AS MANUFACTURED BY CORE-A-VENT, INC. OF MISHAWAKA, INDIANA.
 - d. RIDGE VENTS SHALL BE "V-600" VENTS AS MANUFACTURED BY CORE-A-VENT, INC. OF MISHAWAKA, INDIANA.
 - e. ROOF INTAKE (SOFFIT VENTS) SHALL BE "ENVOY" PERFORATED ALUMINUM BY FLY GEM MASTIC, UNVENTED MODEL, AT ALL RAKE SOFFITS.
 - f. PROVIDE 2"X1" PREFINISHED ALUMINUM DRIP EDGE AT ALL ROOF RAKES, ROOF EAVES AND ABOVE ALL FASCIA PIECES. FINISH TO MATCH PREFINISHED FLASHINGS.
 - g. GUTTERS AND DOWNSPOUTS SHALL BE FACTORY PREFINISHED ALUMINUM, 6" PROFILE, GUTTERS TO BE MINIMUM .023" THICKNESS (SEAMLESS), DOWNSPOUTS TO BE MINIMUM .021" THICKNESS 3"x4". INSTALL WITH CONCEALED HANGERS, PROVIDE NECESSARY STRAPS, BENDS, ELBOWS, ETC., FOR DOWNSPOUTS. TERMINATE DOWNSPOUTS 5'-0" FROM BUILDING AT PRECAST CONCRETE SPLASHBLOCK.
6. **INSTALL SHINGLES WITH MANUFACTURER RECOMMEND LARGE HEAD GALVANIZED NAILS, STAPLES ARE NOT ACCEPTABLE. REMOVE FACTORY APPLIED POLYETHYLENE TABS TO ASSURE PROPER SEALING OF SHINGLES.**
7. **DOWNSPOUT LOCATIONS INDICATED FOR DESIGN INTENT ONLY. CONTRACTOR TO VERIFY AND COORDINATE EXACT LOCATIONS WITH ROOF MANUFACTURER ARCHITECT TO REVIEW ALL LOCATIONS PRIOR TO INSTALLATION.**
8. **CONCEALED SPACE VENTILATION**
 - a. ATTIC SPACES: PROVIDE ATTIC VENTILATION OF 1 PER 150 FOR THE AREA BEING VENTILATED.
 - b. UNVENTED ATTIC SPACES ARE PERMITTED WHERE:
 - i. THE UNVENTED ATTIC SPACE IS COMPLETELY WITHIN THE BUILDING THERMAL ENVELOPE.
 - ii. NO INTERIOR CLASS I VAPOR RETARDERS ARE INSTALLED ON THE CEILING SIDE (ATTIC FLOOR) OF THE UNVENTED ATTIC ASSEMBLY OR ON THE CEILING SIDE OF THE UNVENTED ENCLOSED ROOF FRAMING ASSEMBLY.
 - iii. WHERE WOOD SHINGLES OR SHAKES ARE USED, A MINIMUM OF 1/2 INCH UNVENTED AIRSPACE SEPARATES THE SHINGLES OR SHAKES AND THE ROOFING.
 - iv. IN CLIMATE ZONES 9, 6, 7, AND 8, ANY AIR-IMPERMEABLE INSULATION SHALL BE A CLASS II VAPOR RETARDER, OR SHALL HAVE A CLASS II VAPOR RETARDER COATING OR COVERING IN DIRECT CONTACT WITH THE UNDERSIDE OF THE INSULATION. (i.e.: CC8FF)
 - v. INSULATION SHALL BE LOCATED IN ACCORDANCE SECTIONS 5.1. WHERE PERFORMED INSULATION BOARD IS USED AS THE AIR-IMPERMEABLE INSULATION LAYER, IT SHALL BE SEALED AT THE PERIMETER OF EACH INDIVIDUAL SHEET INTERIOR SURFACE TO FORM A CONTINUOUS LAYER.
9. **2 INCH MINIMUM AIRSPACE IS REQUIRED BETWEEN THE INSULATION AND THE ROOF SHEATHING, PROVIDE STYROFOAM INSULATION BAFFLES AT EACH RAFTER/TRUSS SPACES, V.I.P., ADD IF NONE ARE PRESENT. CONTRACTOR TO PROVIDE ALLOWANCE FOR BUILDING TO COVER COMPLETE REPLACEMENT.**
10. **THE FIRST FLOOR MUST HAVE 50% OF THE ROOF VENTILATION AND THE REMAINING 50% MUST BE PROVIDED BY APPROVED DEVICES LOCATED 3 FEET MAXIMUM VERTICALLY BELOW THE RIDGE.**
11. **OPENINGS INTO ATTIC MUST BE PROTECTED BY A WATER RESISTANT MATERIAL WITH MINIMUM 1/8" OPENINGS AND 1" MAXIMUM. OPENINGS MUST BE PROTECTED FROM RAIN/SNOW.**
12. **CONTRACTOR TO REVIEW AND ASSESS ALL DIPs, SAGS, BUMPS, ETC./ ON ROOF ONCE EXISTING SHINGLES HAVE BEEN REMOVED, AND REPORT FINDINGS TO ARCHITECT FOR DIRECTION.**
13. **PROVIDE AND INSTALL NEW VENT BOOT/FLASHING AT ALL EXISTING LOCATIONS.**
14. **PROVIDE AND INSTALL NEW COUNTER/HEADWALL FLASHING AT ALL EXISTING LOCATIONS.**
15. **REPLACE AREAS OF DAMAGED SIDING WITH NEW, MATCH EXISTING.**

ROOF DEMOLITION NOTES

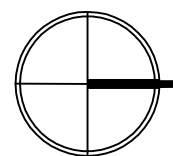
1. REMOVE ALL MATERIALS AND DEBRIS CREATED DURING THE DEMOLITION AND/OR CONSTRUCTION PROCESS AND DISPOSE OFF SITE IN A SAFE AND LEGAL MANNER.
2. PROVIDE TEMPORARY PROTECTION AND WEATHER SEAL FOR INTERIOR DURING CONSTRUCTION PROCESS. TEMPORARY CONSTRUCTION MUST BE WATER TIGHT TO PREVENT ANY DAMAGE OR VANDALISM TO EXTERIOR SPACE.
3. PROVIDE ALL DEMOLITION WORK REQUIRED ON THE EXISTING BUILDING AS CALLED FOR ON THE DRAWINGS AND/OR REQUIRED TO ACCOMMODATE THE WORK.
- 4a. CONTRACTOR SHALL INCLUDE IN THE BASE BID TO REMOVE AND REPLACE 10% OF ROOF DECK BOARDS IN CASE DECKING IS WET, ROTTING AND/OR SWELLING. ALL EXISTING DECKING TO BE REMOVED SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT. ANY AMOUNT OF DECKING NOT REPLACED UP TO 10% SHALL BE CONTRACTED BACK TO THE OWNER.
- 4b. CONTRACTOR SHALL INCLUDE IN THE BASE BID TO REMOVE AND REPLACE 10% OF WOOD FASCIA RAKE AND VINYL COATED ALUMINUM CLADDING. DAMAGED, DENTED, ROTTED OR DETERIORATED EXISTING FASCIA/RAKE TRIM TO BE REMOVED SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT. ANY AMOUNT OF FASCIA/RAKE TRIM NOT REPLACED UP TO 10% SHALL BE CONTRACTED BACK TO THE OWNER.
4. CONTRACTOR SHALL HAVE A SEPARATE LINE ITEM/UNIT COST ON THEIR PAY APPLICATION FORMS.
5. ALL EXISTING CONSTRUCTION TO REMAIN UNDER EXISTING VENT BOOTS/VENT FLASHING.
6. REMOVE EXISTING COUNTER/HEADWALL FLASHING.
8. REMOVE EXISTING SHINGLES, FELT, ICE BARRIER AND VENTING.
9. REMOVE EXISTING DRIP EDGE, TYP.
10. REMOVE EXISTING SOFFIT SYSTEM AT ALL LOCATIONS.
11. REMOVE ANY DAMAGED SIDING AT ALL LOCATIONS.

EXISTING NOTES

1. CONTRACTOR MUST VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS. VERIFY MEASUREMENTS WITH CORRESPONDING CONSTRUCTION OR EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK, AND NOTIFY THE ARCHITECT IMMEDIATELY OF SIGNIFICANT DISCREPANCIES.
2. VERIFY ALL CONDITIONS COVERING OR AFFECTING THE STRUCTURAL WORK, OBTAIN AND VERIFY ALL DIMENSIONS AND ELEVATIONS TO ENSURE THE PROPER STRENGTH, FIT AND LOCATION OF THE STRUCTURAL WORK; REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT THE OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE NEW WORK. ALL DISCREPANCIES SHALL BE FULLY RESOLVED PRIOR TO COMMENCING WORK.
3. EXISTING CONSTRUCTION NOT UNDERGOING ALTERNATION IS TO REMAIN UNDISTURBED, WHERE SUCH CONSTRUCTION IS DISTURBED AS A RESULT OF THE OPERATIONS OF THIS CONTRACT, IT MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR AS REQUIRED AND TO THE SATISFACTION OF THE ARCHITECT.
4. WHERE THE EXISTING CONSTRUCTION IS TO BE ALTERED, OR OTHERWISE DISTURBED, PROVIDE TEMPORARY AND/OR PERMANENT BRACING AND SHORING AS MAY BE REQUIRED BEFORE AND DURING OPERATIONS AND UNTIL THE WORK IS SAFELY COMPLETED AND NO LONGER NEEDS SAME.
5. THE CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
6. ALL EXISTING STRUCTURAL MEMBERS TO REMAIN, U.N.O.

GENERAL NOTES

1. CONTRACTOR SHALL COMPLY WITH MRS 2015.
2. CONTRACTOR RESPONSIBLE FOR ALL PERMITS.



ROOF PLAN 'A'

SCALE: $\frac{1}{4}" = 1'-0"$

SITES: 800 W. DEER ST./ 601 N. SPRING ST.

Key Plan: No Scale

Client:
**GLADWIN
CITY HOUSING
COMMISSION**

Project:
**ROOF
REPLACEMENT-
SCATTERED
SITES**

GLADWIN, MI

Seal:

Date	Issued For
10-22-21	OWNER REVIEW
03-18-22	BIDDING

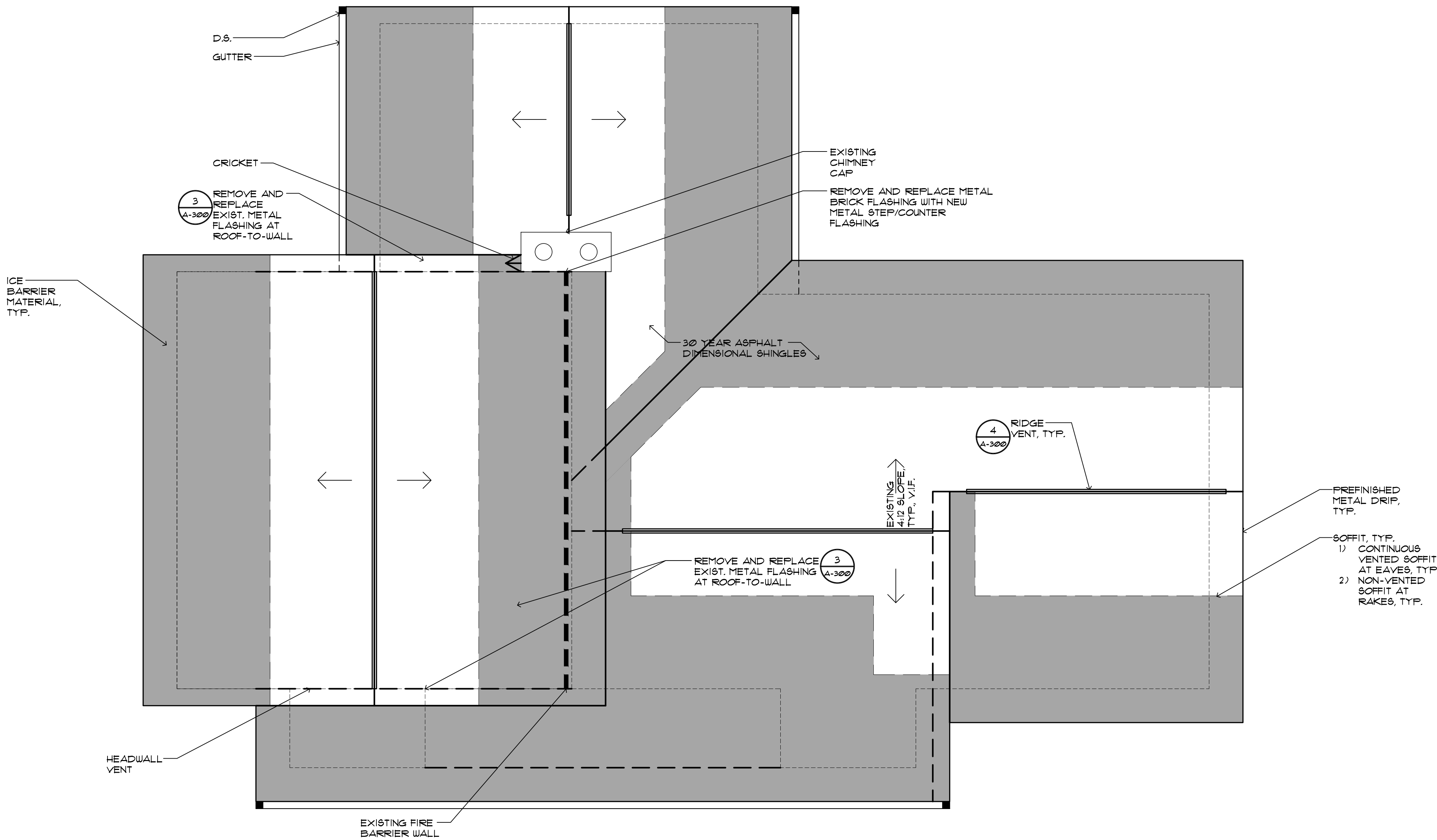
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Approved: BB

Sheet Title:
ROOF PLAN 'B'

Project Number: 21598

Sheet Number: **A-202**

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ROOF PLAN 'B'
SCALE: 1/4" = 1'-0"

SITES: III / 113 W. 4TH ST., 905 / 907 W. 16T ST., 555 / 557 PARKWAY ST., 534 / 536 PARKWAY ST., 411 / 413 N. SPRING ST., 522 / 524 PARKWAY ST., 511 / 513 N. SILVERLEAF ST., 611 / 613 N. SPRING ST.

GENERAL NOTES

1. CONTRACTOR SHALL COMPLY WITH MRS 2015.
2. CONTRACTOR RESPONSIBLE FOR ALL PERMITS.

EXISTING NOTES

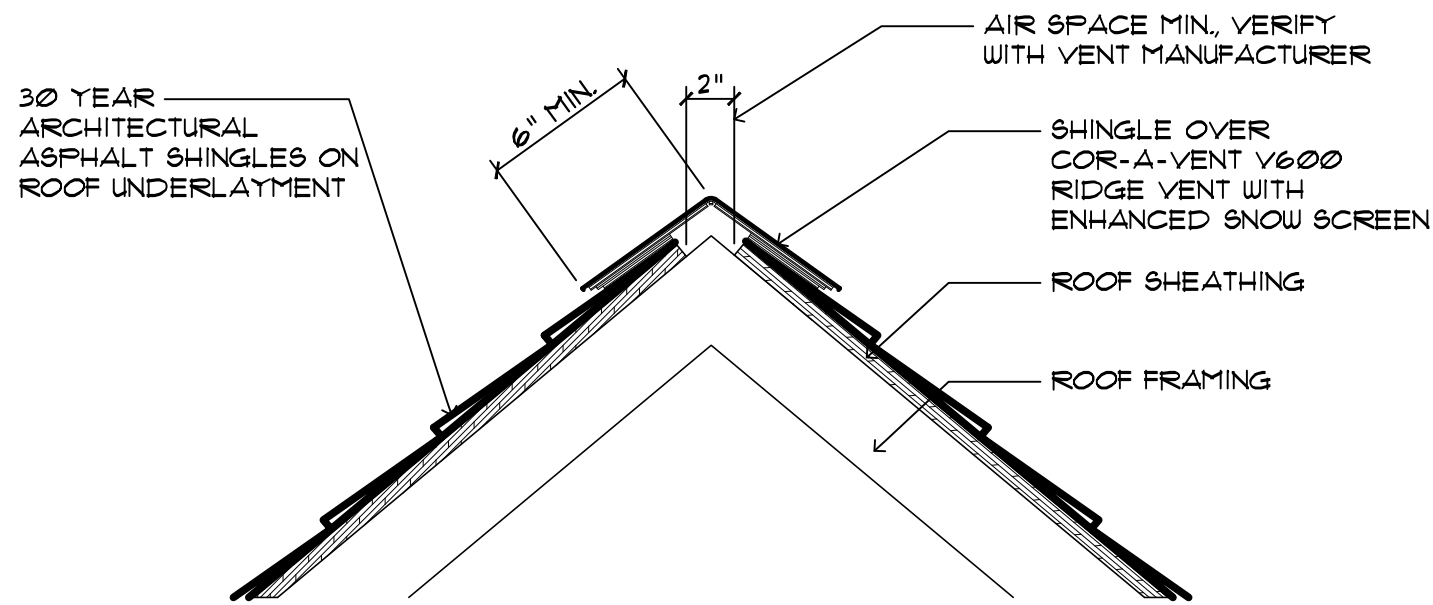
1. CONTRACTOR MUST VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS. VERIFY MEASUREMENTS WITH CORRESPONDING CONSTRUCTION OR EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK, AND NOTIFY THE ARCHITECT IMMEDIATELY OF SIGNIFICANT DISCREPANCIES.
2. VERIFY ALL CONDITIONS COVERING OR AFFECTING THE STRUCTURAL WORK, OBTAIN AND VERIFY ALL DIMENSIONS AND ELEVATIONS TO ENSURE THE PROPER STRENGTH, FIT AND LOCATION OD THE STRUCTURAL WORK; REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT THE OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE NEW WORK. ALL DISCREPANCIES SHALL BE FULLY RESOLVED PRIOR TO COMMENCING WORK.
3. EXISTING CONSTRUCTION NOT UNDERGOING ALTERNATION IS TO REMAIN UNDISTURBED, WHERE SUCH CONSTRUCTION IS DISTURBED AS A RESULT OF THE OPERATIONS OF THIS CONTRACT, IT MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR AS REQUIRED AND TO THE SATISFACTION OF THE ARCHITECT.
4. WHERE THE EXISTING CONSTRUCTION IS TO BE ALTERED, OR OTHERWISE DISTURBED, PROVIDE TEMPORARY AND/OR PERMANENT BRACING AND SHORING AS MAY BE REQUIRED BEFORE AND DURING OPERATIONS AND UNTIL THE WORK IS SAFELY COMPLETED AND NO LONGER NEEDS SAME.
5. THE CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
6. ALL EXISTING STRUCTURAL MEMBERS TO REMAIN, UNO.

ROOF DEMOLITION NOTES

1. REMOVE ALL MATERIALS AND DEBRIS CREATED DURING THE DEMOLITION AND/OR CONSTRUCTION PROCESS AND DISPOSE OFF SITE IN A SAFE AND LEGAL MANNER.
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- 4b. CONTRACTOR SHALL INCLUDE IN THE BASE BID TO REMOVE AND REPLACE 10% OF WOOD FASCIA RAKE AND VINYL COATED ALUMINUM CLADDING, DAMAGED, DENTED, ROTTED OR DETERIORATED EXISTING FASCIA/RAKE TRIM TO BE REMOVED SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT. ANY AMOUNT OF FASCIA/RAKE TRIM NOT REPLACED UP TO 10% SHALL BE CONTRACTED BACK TO THE OWNER.
4. CONTRACTOR SHALL HAVE A SEPARATE LINE ITEM/UNIT COST ON THEIR PAY APPLICATION FORMS.
5. ALL EXISTING CONSTRUCTION TO REMAIN UNO.
6. REMOVE EXISTING VENT BOOTS/VENT FLASHING.
7. REMOVE EXISTING COUNTER/HEADWALL FLASHING.
8. REMOVE EXISTING SHINGLES, FELT, ICE BARRIER AND VENTING.
9. REMOVE EXISTING DRIP EDGE, TYP.
10. REMOVE EXISTING SOFFIT SYSTEM AT ALL LOCATIONS.
11. REMOVE ANY DAMAGED SIDING AT ALL LOCATIONS.

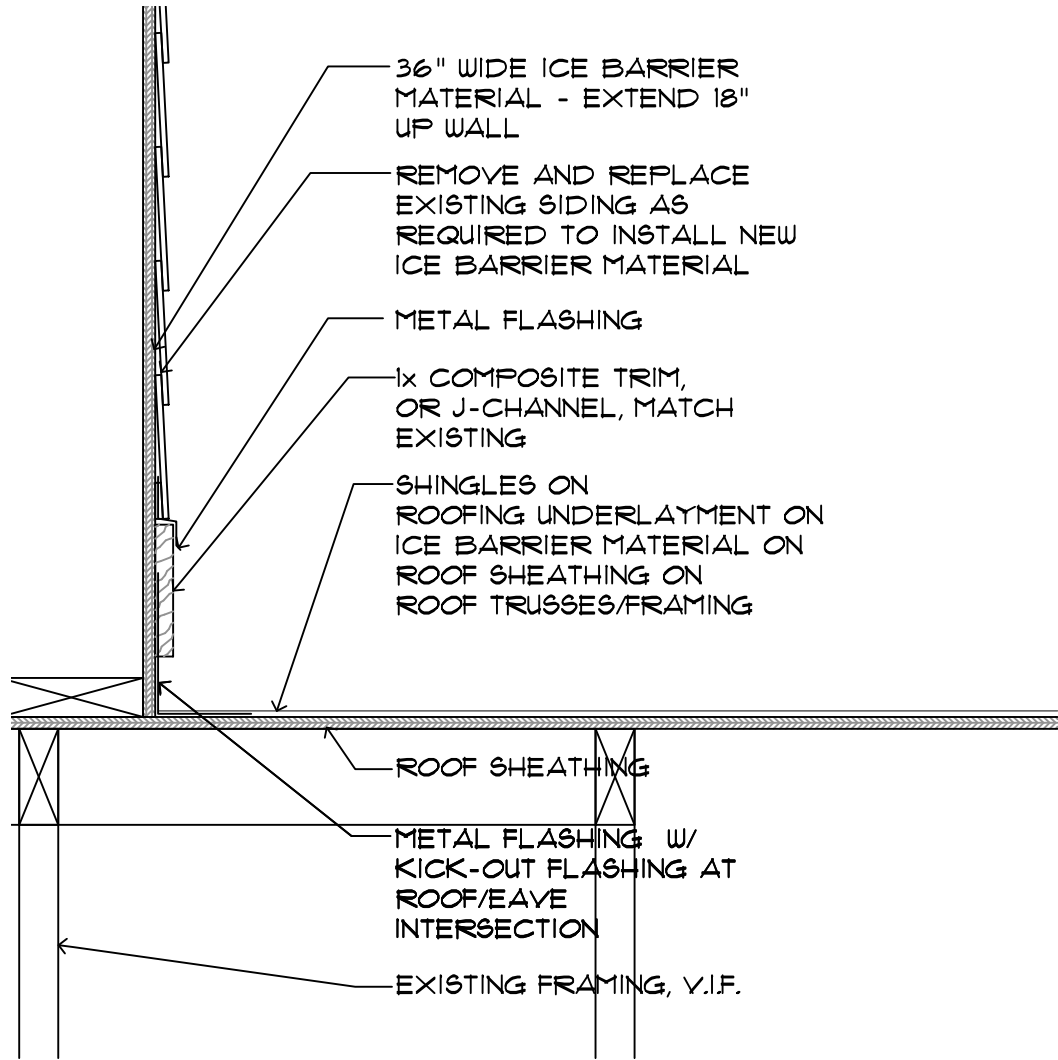
ROOF NOTES

1. SHINGLES
FIBERGLASS SHINGLES SHALL BE ARCHITECTURAL/DIMENSIONAL, CLASS 'A' SELF-SEALING 30 YEAR WARRANTY DIMENSIONAL SHINGLES AS MANUFACTURED BY CERTAINTED, ELK OR GAF. SHINGLES SHALL BEAR A LABEL INDICATING COMPLIANCE WITH ASTM D225 OR D3462.
2. ROOFING UNDERLAYMENT
UNDERLAYMENT SHALL BE SYNTHETIC AND COMPLY WITH ASTM D8251 20 YEAR WARRANTY SIMILAR TO RINO ROOF BY OWENS CORNING OR SHARKSKIN COMP BY SHARKSKIN ROOFING, OR TYVEK PROTEC INSTALLED OVER THE ENTIRE ROOF.
3. ICE BARRIER
A LAYER OF BITUTHENE ICE AND WATER SHIELD WATERPROOFING BARRIER AS MANUFACTURED BY W.R. GRACE & CO. OF CAMBRIDGE, MA SHALL BE INSTALLED AT EAVES THREE 36" ROLLS WIDE, IN ALL VALLEYS, AT EACH STEP IN THE ROOF AND IN ANY OTHER LOCATIONS INDICATED ON THE DRAWINGS, INCLUDING PENETRATIONS AND TRANSITIONS.
4. FASTENERS
FASTENERS FOR ROOFING MATERIALS SHALL BE MANUFACTURER RECOMMENDED LARGE HEAD GALVANIZED ROOFER'S NAILS. SIZE OF NAILS SHALL BE AS RECOMMENDED BY THE SHINGLE MANUFACTURER FOR THE SPECIFIC INSTALLATION.
5. FLASHING AND SHEET METAL
a. METALLIC FLASHING AND SHEET METAL WORK SHALL BE IN ACCORDANCE WITH THE ARCHITECTURAL SHEET METAL MANUAL, LATEST EDITION, PUBLISHED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION, INC.
b. SHEET METAL SHALL BE OF ALUMINUM IN ALLOY 3303-H14 HAVING A THICKNESS OF AT LEAST .024 INCH. SHEET METAL WORK IN EXPOSED LOCATIONS SHALL RECEIVE A MANUFACTURER APPLIED VINYL COATED BAKED ENAMEL FINISH, COLOR AS SELECTED BY THE ARCHITECT. SHEET METAL THAT REMAINS CONCEALED MAY BE MILL FINISH.
c. HEADWALL VENTS SHALL BE "ROOF-2-WALL" VENTS AS MANUFACTURED BY CORE-A-VENT, INC. OF MISHAWAKA, INDIANA.
d. RIDGE VENTS SHALL BE "V-600" VENTS AS MANUFACTURED BY CORE-A-VENT, INC. OF MISHAWAKA, INDIANA.
e. ROOF INTAKE (SOFFIT VENTS) SHALL BE "ENVOY" PERFORATED ALUMINUM BY PLY GEM MASTIC. UNVENTED MODEL AT ALL RAKE SOFFITS.
f. PROVIDE 2"x1" PREFINISHED ALUMINUM DRIP EDGE AT ALL ROOF RAKES, ROOF EAVES AND ABOVE ALL FASCIA PIECES. FINISH TO MATCH PREFINISHED FLASHINGS.
g. GUTTERS AND DOWNSPOUTS SHALL BE FACTORY PREFINISHED ALUMINUM, 6" PROFILE. GUTTERS TO BE MINIMUM .032" THICKNESS (SEAMLESS), DOWNSPOUTS TO BE MINIMUM .021" THICKNESS 3"x4". INSTALL WITH CONCEALED HANGERS. PROVIDE NECESSARY STRAPS, BENDS, ELBOWS, ETC. FOR DOWNSPOUTS. ITERMINATE DOWNSPOUTS 5'-0" FROM BUILDING AT PRECAST CONCRETE SPLASHBLOCK.
6. INSTALL SHINGLES WITH MANUFACTURER RECOMMEND LARGE HEAD GALVANIZED NAILS, STAPLES ARE NOT ACCEPTABLE. REMOVE FACTORY APPLIED POLYETHYLENE TABS TO ASSURE PROPER SEALING OF SHINGLES.
7. DOWNSPOUT LOCATIONS INDICATED FOR DESIGN INTENT ONLY. CONTRACTOR TO VERIFY AND COORDINATE EXACT LOCATIONS WITH ROOF MANUFACTURER ARCHITECT TO REVIEW ALL LOCATIONS PRIOR TO INSTALLATION.
8. CONCEALED SPACE VENTILATION
a. ATTIC SPACES: PROVIDE ATTIC VENTILATION OF 1 PER 150 FOR THE AREA BEING VENTILATED.
b. UNVENTED ATTIC SPACES ARE PERMITTED WHERE:
i. THE UNVENTED ATTIC SPACE IS COMPLETELY WITHIN THE BUILDING THERMAL ENVELOPE.
ii. NO INTERIOR CLASS I VAPOR RETARDERS ARE INSTALLED ON THE CEILING SIDE (ATTIC FLOOR) OF THE UNVENTED ATTIC ASSEMBLY OR ON THE CEILING SIDE OF THE UNVENTED ENCLOSED ROOF FRAMING ASSEMBLY.
iii. WHERE WOOD SHINGLES OR SHAKES ARE USED, A MINIMUM OF 1/4 INCH VENTED AIRSPACE SEPARATES THE SHINGLES OR SHAKES AND THE ROOFING.
iv. IN CLIMATE ZONES 5/6/7 AND 8, ANY AIR-IMPERABLE INSULATION SHALL BE A CLASS II VAPOR RETARDER, OR SHALL HAVE A CLASS II VAPOR RETARDER COATING OR COVERING IN DIRECT CONTACT WITH THE UNDERSIDE OF THE INSULATION. (1a: CC8FF)
v. INSULATION SHALL BE LOCATED IN ACCORDANCE SECTIONS 5.1. WHERE PERFORMED INSULATION BOARD IS USED AS THE AIR-IMPERABLE INSULATION LAYER, IT SHALL BE SEALED AT THE PERIMETER OF EACH INDIVIDUAL SHEET INTERIOR SURFACE TO FORM A CONTINUOUS LAYER.
9. 2 INCH MINIMUM AIRSPACE IS REQUIRED BETWEEN THE INSULATION AND THE ROOF SHEATHING. PROVIDE STYROFOAM INSULATION Baffles AT EACH RAFTER/TRUSS SPACES, V.I.F., ADD IF NONE ARE PRESENT. CONTRACTOR TO PROVIDE ALLOWANCE PER BUILDING TO COVER COMPLETE REPLACEMENT.
10. THE EAVES MUST PROVIDE 50% OF THE REQUIRED VENTILATION AND THE REMAINING 50% MUST BE PROVIDED BY APPROVED DEVICES LOCATED 3 FEET MAXIMUM VERTICALLY BELLOW THE RIDGE.
11. OPENINGS INTO ATTIC MUST BE PROTECTED BY A WATER RESISTANT MATERIAL WITH MINIMUM 3/4" OPENINGS AND 1/4" MAXIMUM. OPENINGS MUST BE PROTECTED FROM RAIN/SNOW.
12. CONTRACTOR TO REVIEW AND ASSESS ALL DIPs, SAGs, BUMPS, ETC/ ON ROOF ONCE EXISTING SHINGLES HAVE BEEN REMOVED, AND REPORT FINDINGS TO ARCHITECT FOR DIRECTION.
13. PROVIDE AND INSTALL NEW VENT BOOT/FLASHING AT ALL EXISTING LOCATIONS.
14. PROVIDE AND INSTALL NEW COUNTER/HEADWALL FLASHING AT ALL EXISTING LOCATIONS.
15. REPLACE AREAS OD DAMAGED SIDING WITH NEW, MATCH EXISTING.



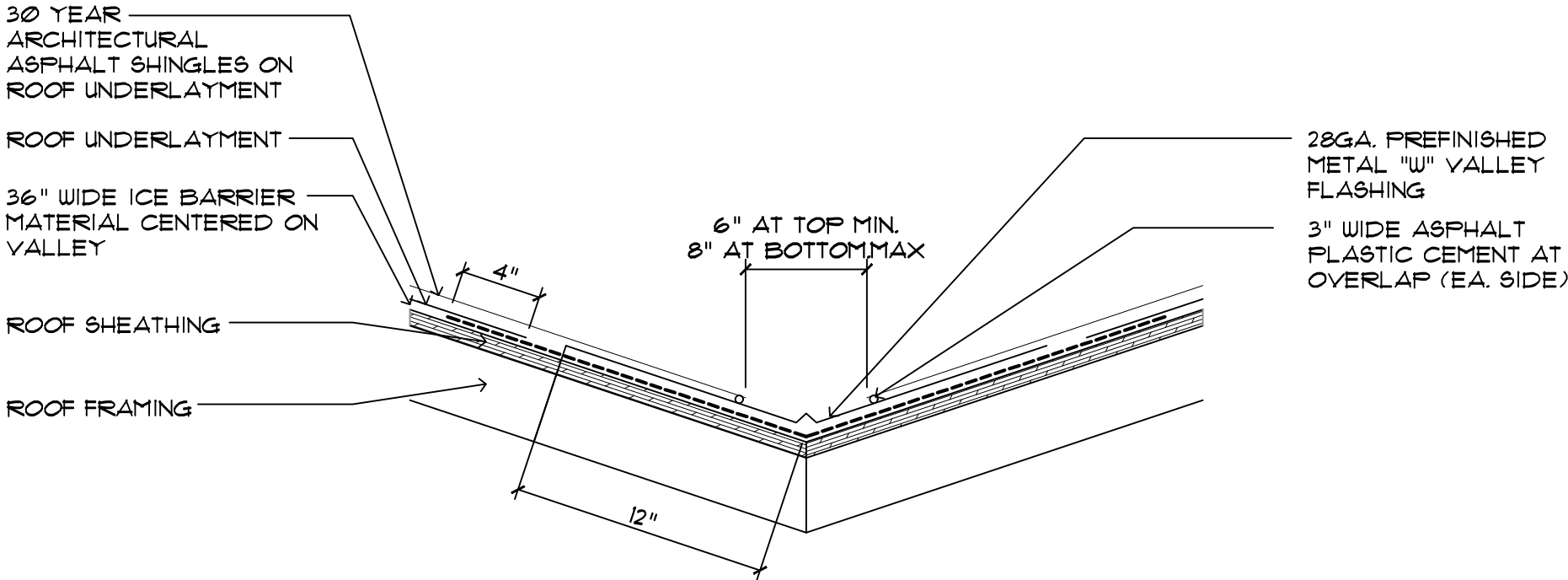
4
A-300

VENTED RIDGE DETAIL
SCALE: 1 1/2"=1'-0"



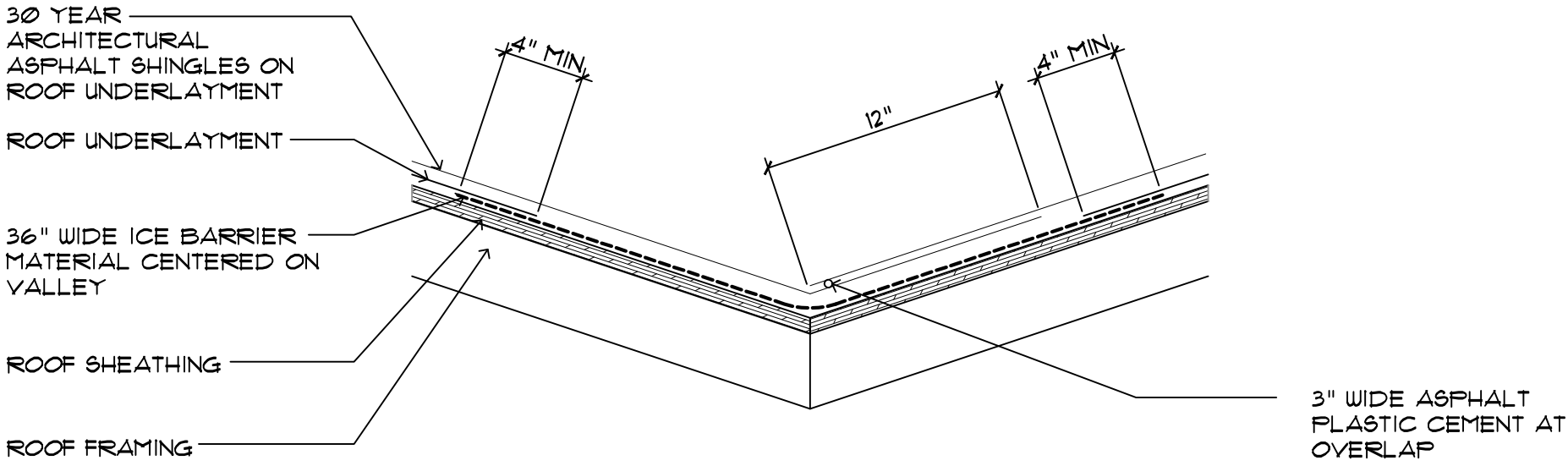
3
A-300

ROOF TO WALL FLASHING DETAIL
SCALE: 1 1/2"=1'-0"



2
A-300

OPEN VALLEY DETAIL (OPT.)
SCALE: 1 1/2"=1'-0"



1
A-300

CLOSED VALLEY DETAIL
SCALE: 1 1/2"=1'-0"

Client:
**GLADWIN
CITY HOUSING
COMMISSION**

Project:
**ROOF
REPLACEMENT-
SCATTERED
SITES**

GLADWIN, MI

Seal:

Date	Issued For
10-22-21	OWNER REVIEW
03-18-22	BIDDING

Drawn:	SM
Checked:	TM
Approved:	BB

Sheet Title:

DETAILS

Project Number: 21598

Sheet Number: **A-300**

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