Department of Community Affairs
Construction Project Review
Project No: 9143-26
Building Partial Release
Building
Terence Luckie
Released: 9/23/2026
N.J.S.A. 52:27D-119 ET SEQ., AS AMENDED

Exhibit B-2

NEW JERSEY WATER SUPPLY AUTHORITY
ROOF REPLACEMENT AT THE ROUND VALLEY RESERVOIR WHITEHOUSE RELEASE STRUCTURE
21 RAILROAD AVENUE
BLOCK 21.12 LOT 46.01
READINGTON TOWNSHIP, HUNTERDON COUNTY, NEW JERSEY

WSA-B27003

SITE AREA PLAN
N.T.S

PROJECT LOCATION PLAN
N.T.S

PROJECT ADDRESS:
21 Railroad Avenue,
Whitehouse Station, NJ, 08889

OWNER:
NEW JERSEY WATER SUPPLY AUTHORITY
1851 STATE ROUTE 31
CLINTON, NEW JERSEY 08809
908-638-6121

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Client
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WHITEHOUSE RELEASE STRUCTURE
21 RAILROAD AVENUE
BLOCK 21.12 LOT 46.01
READINGTON TOWNSHIP, HUNTERDON COUNTY, NEW JERSEY

Rev	Date	Drawn	Description	Ch'k'd	App'd

JOHN RUSCHKE
NJ PROFESSIONAL ENGINEER LIC. No. 37148
Signed by:
Date 8-10-2026
DocuSigned by: John Ruschke 5D7809B1F7FA46F...

Designed	B. GARCIA		Eng check	R. FRITZ	
Drawn	P. FLORIMON		Coordination		
Dwg check			Approved	J. RUSCHKE	

Scale at ANSI D	Status	Rev	Security
As Shown	FINAL	Rev. 0	STD

Project Number	B/O	Total
507104349	1	4

Drawing Number
T-01

Title
WHITEHOUSE RELEASE STRUCTURE
ROOF REPLACEMENT

COVER SHEET

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SAVE DATE/TIME: 8/12/2026 7:29:06 PM

GENERAL NOTES

1. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE REGULATIONS AND GUIDELINES SET FORTH BY ALL AGENCIES HAVING JURISDICTION OVER THE WORK. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RULES AND REGULATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BUILDING CODES AND REGULATIONS AND FOR OBTAINING ALL REQUIRED INSPECTIONS, APPROVALS AND PERMITS, NECESSARY TO PERFORM ALL WORK AND SERVICES HEREIN NOTED OR INDICATED ON THE DRAWINGS. THE OWNER WILL PAY FEES ASSOCIATED WITH OBTAINING PERMITS DIRECTLY TO THE REGULATORY AGENCY. FEES OR PENALTIES ASSESSED BY REGULATORY AGENCIES DUE TO THE NEED FOR REPEAT INSPECTIONS OR OTHER FAILURE TO MEET REQUIREMENTS SHALL BE AT THE CONTRACTOR'S COST.
3. ALL WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, OR DISTURBANCE TO OCCUPANTS, ADJACENT SITES OR BUILDINGS.
4. THE CONTRACTOR SHALL PROVIDE PROTECTION FOR THE GENERAL PUBLIC AND CONSTRUCTION WORKERS IN AND AROUND THE CONSTRUCTION SITE. ADEQUATE BARRIERS SHALL BE PROVIDED TO EXERCISE CONTROL OF SAFE INGRESS AND EGRESS OF THE WORK AREA. FIRE EXITS SHALL AT NO TIME BE BLOCKED.
5. ALL ITEMS, SYSTEMS AND PRODUCTS NOTED ON THE DRAWINGS AND SPECIFICATIONS SHALL BE NEW UNLESS NOTED AS EXISTING.
6. THE APPROVAL OF SUBMITTALS BY THE ENGINEER SHALL NOT BE CONSTRUED AS A COMPLETE CHECK, BUT WILL INDICATE ONLY THAT THE GENERAL METHOD OF CONSTRUCTION, MATERIALS, DETAILING AND OTHER INFORMATION APPEAR TO BE CONSISTENT W/ INTENT OF CONTRACT DOCUMENTS. APPROVAL WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR ANY ERROR, WHICH MAY EXIST IN HIS SUBMITTALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DIMENSIONS AND DESIGN OF ADEQUATE CONNECTIONS, DETAILS AND SATISFACTORY CONSTRUCTION OF ALL WORK.
7. SUBMITTALS SHALL BE IN COMPLIANCE WITH CONTRACT REQUIREMENTS AND ACTUAL FIELD CONDITIONS. INCOMPLETE SUBMITTALS WILL NOT BE REVIEWED BY THE ENGINEER AND WILL BE RETURNED TO THE CONTRACTOR. REPRODUCED CONTRACT DRAWINGS WILL NOT BE ACCEPTED AS SHOP DRAWINGS. FIELD VERIFY CONSTRUCTION AND INSTALLATION REQUIREMENTS PRIOR TO SUBMITTAL PREPARATION AND SUBMISSION.
8. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE AND SHALL REPORT, ANY DISCREPANCIES TO THE OWNER PRIOR TO STARTING CONSTRUCTION. COMMENCEMENT OF THE WORK BY THE CONTRACTOR SHALL IMPLY HIS ACCEPTANCE OF ALL EXISTING CONDITIONS.
9. DETAILS ON THE DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS AND ARE INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT. DETAILS NOTED "TYP." IMPLY ALL CONDITIONS TREATED SIMILARLY.
10. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED BUT NECESSARY FOR PROPER CONSTRUCTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED ON THE DRAWINGS.
11. THE CONTRACTOR MUST FULLY FAMILIARIZE HIMSELF OF THE CONDITIONS RELATING TO THE CONSTRUCTION AND LABOR UNDER WHICH THE WORK WILL BE PERFORMED AND COMPARE THE DRAWINGS AND SPECIFICATIONS WITH THE WORK IN PLACE. FAILURE TO DO SO WILL NOT RELIEVE CONTRACTOR OF HIS OBLIGATION TO FURNISH ALL LABOR AND MATERIAL NECESSARY TO CARRY OUT THE PROVISIONS OF THE CONTRACT DOCUMENTS AND TO COMPLETE THE CONTEMPLATED WORK FOR THE CONSIDERATION SET FORTH IN HIS BID. EACH CONTRACTOR, IN THE CARRYING OUT OF HIS WORK, SHALL EMPLOY SUCH CONSTRUCTION METHODS OR MEANS THAT WILL NOT CAUSE ANY INTERRUPTIONS OR INTERFERENCE WITHIN THE WORK OF ANY OTHER TRADES.
12. THE BUILDINGS SHALL REMAIN ACCESSIBLE TO THE OWNER AT ALL TIMES.
13. THE CONSTRUCTION AREA SHALL BE THOROUGHLY CLEANED PRIOR, DURING AND AFTER THE CONSTRUCTION.
14. ALL CONSTRUCTION AND OTHER MATERIALS SHALL BE STORED AT THE DESIGNATED STORAGE AREA AS DESIGNATED BY THE OWNER AND ON COMPLETION OF WORK OR AS DEEMED NECESSARY ALL SURPLUS/ REFUSE/ DEBRIS MATERIAL SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF SITE AT NO ADDITIONAL COST TO THE OWNER.
15. SHOULD DISCREPANCIES OCCUR BETWEEN CONTRACT DRAWINGS AND SPECIFICATION THE CONTRACT DRAWINGS IN CONJUNCTION WITH ALL APPLICABLE CODES, STANDARDS, RULES, REGULATIONS, LAWS, ETC. SHALL TAKE PRECEDENCE OVER THE SPECIFICATIONS.
16. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF ALL STATE AND LOCAL BUILDING CODES, OSHA, AND ALL OTHER AGENCIES HAVING JURISDICTION, AND EXCEPT AS MODIFIED HEREIN, TO THE PUBLISHED SPECIFICATIONS AND RECOMMENDED PRACTICES OF THE MANUFACTURERS AND THE APPROPRIATE APPLICABLE STANDARDS.
17. THE CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL REQUIRED FOR A COMPLETE AND WATERTIGHT INSTALLATION, THAT IS FULLY WARRANTIED /GUARANTEED BY THE ROOFING MANUFACTURER. ANY DETAILS OR WORK REQUIRED, BUT NOT SHOWN OR SPECIFIED, ARE TO BE PROVIDED IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S RECOMMENDATIONS AND/OR REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
18. THE CONTRACT DOCUMENTS INCLUDING SPECIFIC INSTALLATION DETAILS SHOWN ON THE DRAWINGS ESTABLISH THE MINIMUM INSTALLATION REQUIREMENTS FOR THIS PROJECT. IF DETAILS SHOWN ARE MORE STRINGENT THAN THE ROOFING MANUFACTURERS STANDARD DETAILS, IN THE SOLE OPINION OF THE OWNER, THE DETAILS SHOWN WILL GOVERN THE INSTALLATION OF THAT PORTION OF WORK. IF THE ROOFING MANUFACTURER'S STANDARD DETAILS ARE MORE STRINGENT THAN DETAILS SHOWN, IN THE SOLE OPINION OF THE OWNER, THE MANUFACTURER'S DETAILS WILL GOVERN THE INSTALLATION OF THAT PORTION OF WORK. ALL WORK IN EXCESS OF THAT SHOWN REQUIRED TO OBTAIN MANUFACTURER CONCURRENCE AND GUARANTEE OF THE INSTALLATION SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL REVIEW THE DRAWINGS WITH THE MANUFACTURER, PRIOR TO SUBMITTING THE BID. ANY MANUFACTURER OBJECTIONS TO DETAILS SHOWN SHALL BE SUBMITTED TO THE OWNER, PRIOR TO SUBMITTING A BID.

GENERAL DEMOLITION NOTES

1. ALL EXISTING ROOF SYSTEM MATERIALS ARE TO BE REMOVED DOWN TO THE EXISTING STRUCTURAL DECK, UNLESS NOTED OTHERWISE. EXISTING ROOF SYSTEM MATERIALS INCLUDE, BUT ARE NOT LIMITED TO, UNDERLAYMENT AND ACCESSORIES. THE CONTRACTOR SHALL ONLY REMOVE AS MUCH EXISTING MATERIAL AS CAN BE REPLACED WITH THE COMPLETE NEW ROOF SYSTEM, INCLUDING FLASHINGS, THE SAME DAY OR BEFORE THE ONSET OF INCLEMENT WEATHER, WHICHEVER IS SOONER. ALL DEBRIS IS TO BE REMOVED FROM THE ROOFTOP AND PLACED INTO APPROVED CONTAINERS AS SOON AS POSSIBLE, BUT NOT LATER THEN THE END OF THE WORK SHIFT. THE CONTRACTOR IS RESPONSIBLE TO INSURE THAT ACCUMULATED DEBRIS ON THE ROOFTOP DOES NOT EXCEED THE SAFE STRUCTURAL CAPACITY OF THE ROOF DECK. ALL FILLED CONTAINERS ARE TO BE REMOVED PROMPTLY FROM THE PROJECT SITE.
2. PRIOR TO START OF DEMOLITION, INSPECT AREAS IN WHICH WORK WILL BE PERFORMED. NOTE EXISTING CONDITIONS OF STRUCTURE SURFACES, EQUIPMENT, OR SURROUNDING PROPERTY THAT COULD BE MISCONSTRUED AS DAMAGE RESULTING FROM SELECTIVE DEMOLITION WORK; FILE WITH OWNER PRIOR TO STARTING WORK.
3. THE OWNER ASSUMES NO RESPONSIBILITY FOR ACTUAL CONDITION OF ITEMS OR STRUCTURES TO BE DEMOLISHED OR REMOVED.
4. THE CONTRACTOR SHALL MAKE CONTINUOUS OBSERVATIONS OF THE EXISTING STRUCTURE DURING THE PERFORMANCE OF THE WORK AND SHALL NOTIFY OWNER OF ANY CRACKS, DEFLECTIONS, ETC. THAT MAY REQUIRE FURTHER INVESTIGATION.
5. ALL DEMOLITION ACTIVITIES, CUTTING AND PATCHING REQUIRED IN CONNECTION WITH THE WORK SHALL BE PERFORMED BY MECHANICS OF THE SPECIFIC TRADE INVOLVED AND AS REQUIRED TO EXECUTE EACH LINE OF WORK. ALL PATCHING SHALL BE FINISHED TO MATCH ADJACENT SURFACES WHETHER THEY ARE NEW OR EXISTING TO REMAIN.
6. CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS IN A MANNER TO ENSURE MINIMUM INTERFERENCE WITH WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
7. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES, LATEST EDITIONS.
8. CONTRACTOR SHALL REMOVE AND RELOCATE ALL EXISTING CONSTRUCTION, CONDUITS, PIPING, WIRING, UTILITIES, ETC. THAT MAY INTERFERE WITH NEW CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
9. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL EXISTING ITEMS TO REMAIN AND SHALL REPAIR AND/OR REPLACE ANY ITEM DAMAGED DURING THE COURSE OF WORK TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
10. ALL DEMOLITION MATERIALS AND DEBRIS SHALL BE LEGALLY DISPOSED OF OFF THE PROPERTY.

PERMITTING NOTES

1. SUBJECT PROPERTY IS STATE OWNED.
2. PERMITTING IS OBTAINED FROM NJ DEPARTMENT OF COMMUNITY AFFAIRS - STATE BUILDING UNIT AND NOT LOCAL MUNICIPAL CONSTRUCTION OFFICE.
3. PLANS WILL HAVE OBTAINED NJ DCA PLAN REVIEW PRIOR TO BID.
4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS (BUILDING SUBCODE APPROVAL) AND SCHEDULING/COORDINATING ALL REQUIRED INSPECTIONS..
5. CONTRACTOR IS RESPONSIBLE FOR PERMIT CLOSEOUT - FINAL PAYMENT WILL NOT BE RENDERED BY OWNER UNTIL CONTRACTOR HAS FURNISHED CERTIFICATES OF APPROVAL FROM DCA TO CLOSEOUT ALL PERMITS.

TEST FOR HAZARDOUS MATERIALS:

1. PRIOR TO COMMENCEMENT OF WORK, INSPECT AREAS IN WHICH WORK IS TO BE PERFORMED. PREPARE A LISTING OF DAMAGE TO STRUCTURE, SURFACES, EQUIPMENT OR OF SURROUNDING PROPERTIES WHICH COULD BE MISCONSTRUED AS DAMAGE RESULTING FROM THE WORK.
2. CONTRACTOR SHALL TEST FOR HAZARDOUS MATERIALS PRIOR TO THE START OF CONSTRUCTION. COSTS FOR THIS TESTING SHALL BE INCLUDED IN THE BASE BID. NO ADDITIONAL PAYMENTS WILL BE MADE BY THE OWNER.
3. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND LIABILITY FOR ENSURING COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS PERTAINING TO WORK PRACTICES, HAULING, DISPOSAL, AND PROTECTION OF WORKERS/VISITORS TO THE SITE, AND PERSONS OCCUPYING AREAS ADJACENT TO THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING MEDICAL EXAMINATIONS AND MAINTAINING MEDICAL RECORDS OF PERSONNEL AS REQUIRED BY THE APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. THE CONTRACTOR SHALL HOLD THE OWNER AND OWNER'S REPRESENTATIVE HARMLESS FOR FAILURE ON THE PART OF HIMSELF, HIS EMPLOYEES, OR SUBCONTRACTORS TO COMPLY WITH ANY APPLICABLE WORK, HAULING, DISPOSAL, SAFETY, HEALTH OR OTHER REGULATION.
4. CONTRACTOR SHALL PROVIDE TEST RESULTS TO THE OWNER PRIOR TO REMOVAL WORK. IF HAZARDOUS MATERIALS ARE PRESENT, CONTRACTOR SHALL PREPARE REMEDIATION PLAN AND SAFELY REMOVE, HANDLE, TRANSPORT, AND DISPOSE OF ALL HAZARDOUS MATERIALS IN ACCORDANCE WITH APPLICABLE LAWS, REGULATIONS AND INDUSTRY STANDARDS.
5. POSSIBLE ASBESTOS ROOFING MATERIALS:
   A. BUR ROOFING MATERIAL
   B. BLACK SEALANT.

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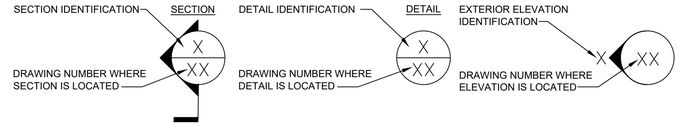
ABBREVIATIONS

AL, ALUM	ALUMINUM	STL	STEEL
CMU	CONCRETE MASONRY UNIT	THK	THICKNESS
CONC	CONCRETE	TYP	TYPICAL
CONT	CONTINUOUS	VIF	VERIFY IN FIELD
DIA	DIAMETER	WD	WOOD
DN	DOWN	W/	WITH
DWG	DRAWING/S		
EXIST	EXISTING		
FL	FLOOR		
FRP	FIBERGLASS REINFORCED PLASTIC		
FT	FOOT/FEET		
GA	GAUGE		
GWB	GYPSUM WALL BOARD		
HW	HARDWARE SET		
MAX	MAXIMUM		
MECH	MECHANICAL		
MTL	METAL		
OC	ON CENTER		
RV	ROOF VENT		

SYMBOLS



DRAWING LIST

DWG. No.	TITLE	SHEET
T-01	COVER SHEET	1 of 4
T-02	DRAWING LIST, GENERAL NOTES, ABBREVIATIONS AND SYMBOLS	2 of 4
A-01	ROOF PLANS, WIND UPLIFT PLAN AND DETAILS	3 of 4
A-02	DETAILS	4 of 4

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Rev	Date	Drawn	Description	Ch'k'd	App'd

JOHN RUSCHKE
NJ PROFESSIONAL ENGINEER LIC. No. 37148
Signed by:
Date 8-10-2026
Docusigned by: John Ruschke 5D7B9BE1F7FA46F...

Designed	B. GARCIA		Eng check	R. FRITZ	
Drawn	P. FLORIMON		Coordination		
Dwg check			Approved	J. RUSCHKE	

Scale at ANSI D	Status	Rev	Security
As Shown	FINAL	Rev. 0	STD

Project Number	B/O	Total
507104349	2	4

Drawing Number: T-02

Title
WHITEHOUSE RELEASE STRUCTURE
ROOF REPLACEMENT

DRAWING LIST, GENERAL NOTES, ABBREVIATIONS AND SYMBOLS

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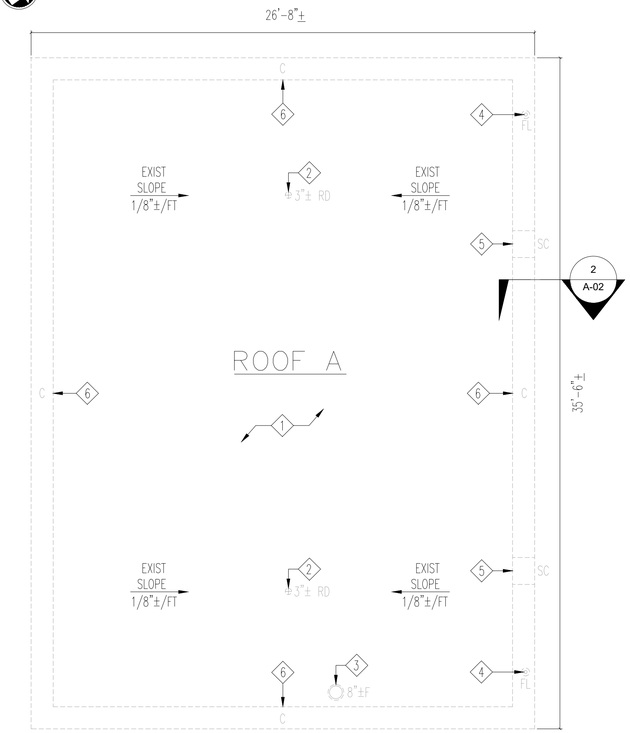
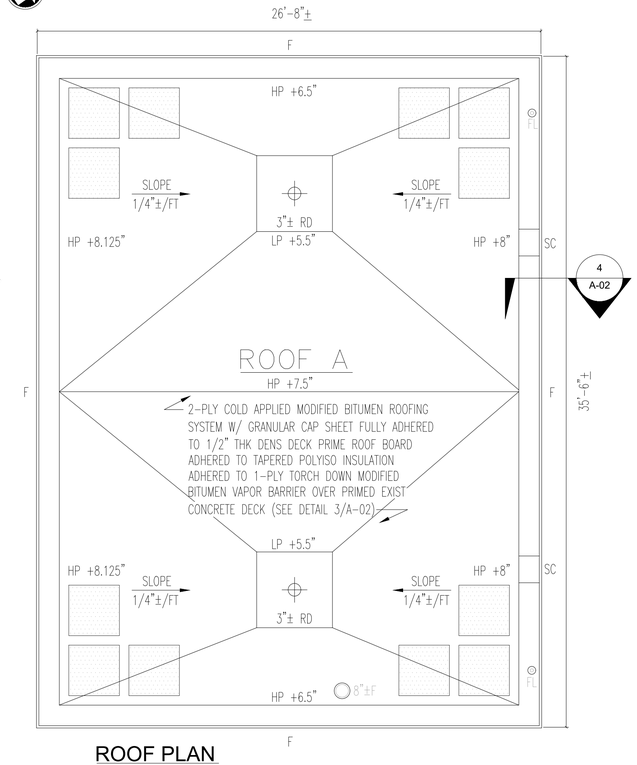


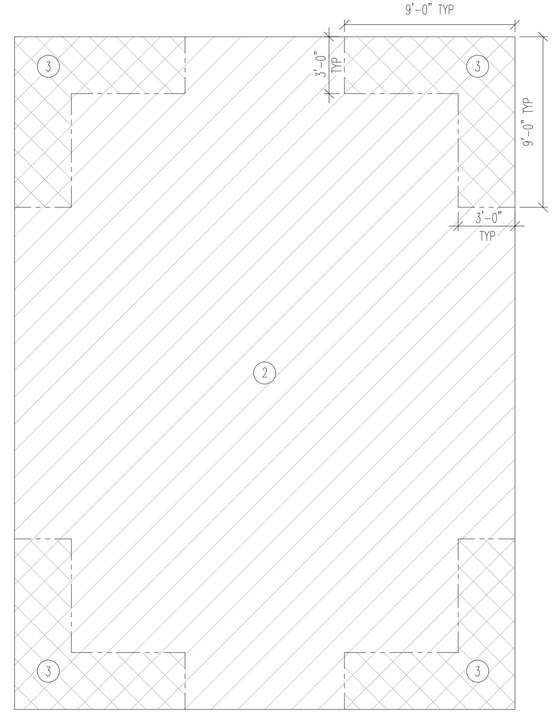
DEMOLITION ROOF PLAN

SCALE: 1/4" = 1'-0"



ROOF PLAN

SCALE: 1/4" = 1'-0"



WIND UPLIFT PLAN

SCALE: 1/4" = 1'-0"

FM WIND UPLIFT DESIGN CRITERIA: RV RELEASE STRUCTURE

BASIC WIND SPEED: 100 MPH
GROUND ROUGHNESS: C
HEIGHT ABOVE GROUND: 15'-0"±

WIND UPLIFT RATINGS			
ZONE	MINIMUM REQUIRED	SPECIFIED	ADHESIVE PATTERN
(2) PERIMETER	120 PSF	315 PSF	P2
(3) CORNER	150 PSF	315 PSF	P3

SEE DETAIL 1/A-01 FOR ADHESIVE PATTERNS.

ROOFING SYSTEM BASIS OF DESIGN

RELEASE STRUCTURE ROOF		
FACTORY MUTUAL (FM) GLOBAL ROOF NAV ASSEMBLY NO. 160449-49236-0		
COMPONENT	MANUFACTURER	PRODUCT
CAP SHEET	SIPLAST	PARADIENE 30 FR
BASE SHEET	SIPLAST	PARADIENE 20 EG
COLD ADHESIVE	SIPLAST	PA-311 R
FLASH SHEET	SIPLAST	VERAL ALUMINUM
FLASH BACK SHEET	SIPLAST	PARADIENE 20
FLASH ADHESIVE	SIPLAST	SFT FLASHING CEMENT
SUPPLEMENTAL FLASHING	SIPLAST	PARAPRO PMMA FLASHING SYSTEM
COVER BOARD	GEORGIA-PACIFIC	DENS DECK PRIME
TAPERED POLYISO	SIPLAST	PARATHERM G TAPERED POLYISOCYANURATE INSULATION
FLAT POLYISO	SIPLAST	PARATHERM G POLYISOCYANURATE INSULATION
INSULATION ADHESIVE	SIPLAST	PARAFAST INSULATION ADHESIVE
VAPOR BARRIER	SIPLAST	PARADIENE 20 TG
ASPHALTIC PRIMER	SIPLAST	PA-917 LS PRIMER

NOTE: ONLY MAJOR COMPONENTS LISTED ABOVE. PROVIDE MANUFACTURER'S ACCESSORY PRODUCTS.

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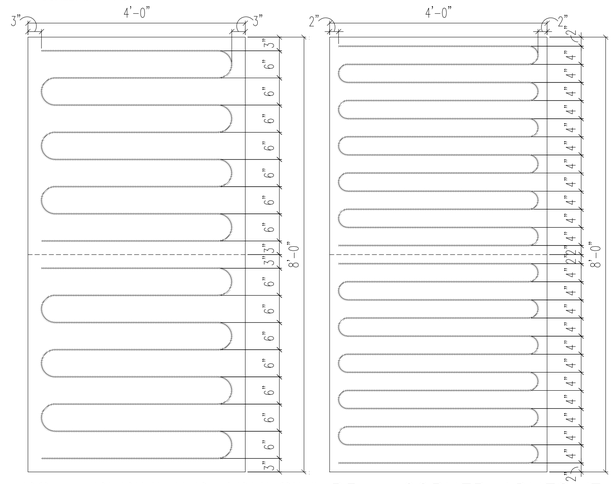
DEMOLITION LEGEND (ALL ITEMS LISTED ARE TYPICAL THROUGHOUT THE PROJECT.)

1. REMOVE EXIST MULTI-PLY BUILT-UP ROOFING SYSTEM IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SLAG, BUR MEMBRANES, CAP/ COUNTER FLASHINGS, TERMINATIONS, 1 1/4"± FIBERGLASS INSULATION AND 2-PLY BUR VAPOR BARRIER IN THEIR ENTIRETY TO THE EXIST CONCRETE DECK TO REMAIN. BACK-OUT ALL FASTENERS. (SEE DETAIL 1/A-02).
2. X"± RD — REMOVE EXIST ROOF DRAIN IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO STRAINER, CLAMPING RING, UNDERDECK CLAMP, DRAIN BODY AND ALL FASTENERS TO THE EXIST STORM PIPE TO REMAIN. INDICATES DRAIN SIZE.
3. X"± F — REMOVE EXIST FLUE PIPE FLASHING IN ITS ENTIRETY. FLUE PIPE TO REMAIN. INDICATES PIPE SIZE.
4. FL — REMOVE EXIST FLOOD LIGHT FLASHING IN ITS ENTIRETY. EXIST FLOOD LIGHT TO REMAIN.
5. SC — REMOVE EXIST MTL SCUPPER IN ITS ENTIRETY.
6. C — REMOVE EXIST STONE COPING SYSTEM IN ITS ENTIRETY TO THE EXIST CAVITY WALL. (SEE DETAIL 2/A-02)

LEGEND (ALL ITEMS LISTED ARE TYPICAL THROUGHOUT THE PROJECT.)

- X"± RD — ROOF DRAIN W/ TAPERED INSULATION SUMP (SEE DETAIL 5/A-02). INDICATES DRAIN SIZE.
- X"± F — FLASH EXIST FLUE (SEE DETAIL 8/A-02). INDICATES PIPE SIZE.
- FL — FLASH EXIST FLOOD LIGHT CONDUIT. APPLY LIQUID FLASHING (PMMA) STARTING FROM TOP OF WOOD BLOCKING UP 2"
- F — PREFINISHED ALUM CONCEALED FASTENER FASCIA SYSTEM (SEE DETAIL 7/A-02).
- SC — 14"W x 5"±H SCUPPER (SEE DETAIL 6/A-02)
- 30" x 30" MODIFIED BITUMEN WALKWAY PAD FULLY ADHERED TO MEMBRANE
- HP +0.0" — HIGH POINT OF TAPERED INSULATION (INCLUDES ½" COVERBOARD)
- LP +0.0" — LOW POINT OF TAPERED INSULATION (INCLUDES ½" COVERBOARD)



TYPICAL ADHESIVE PATTERN DETAIL

NTS

1 / A-01

0 2 4 8
SCALE: 1/4" = 1'-0"

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DocuSigned by: John Ruschke 1D7B99B1F7FA48F...

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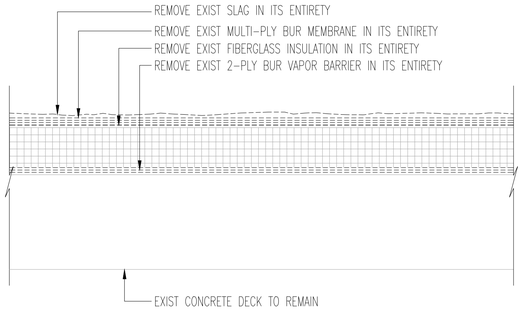
Project Number	B/O	Total	Drawing Number
507104349	3	4	A-01

Title

WHITEHOUSE RELEASE STRUCTURE ROOF REPLACEMENT

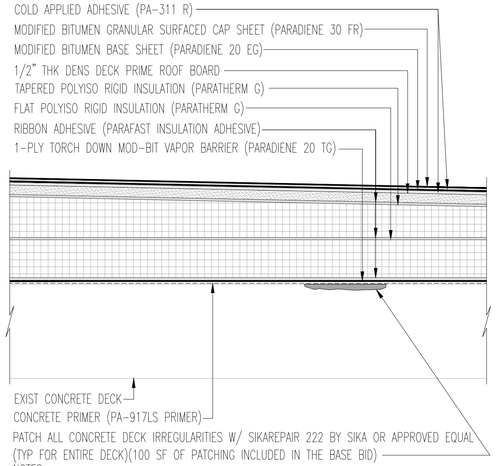
ROOF PLANS, WIND UPLIFT PLAN AND DETAILS



TYPICAL DEMOLITION ROOFING SYSTEM DETAIL @ ROOF A

SCALE: 3" = 1'-0"

1 / A-02



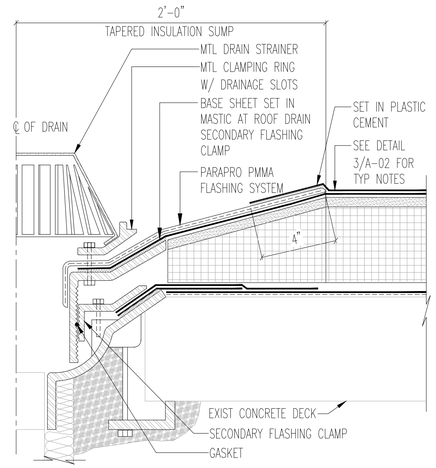
NOTES:

1. FM ROOF NAV ASSEMBLY # 160449-49236-0.
2. SEE DETAIL 1/A-01 FOR ADHESIVE PATTERNS.

TYPICAL MOD-BIT ROOFING SYSTEM DETAIL

SCALE: 3" = 1'-0"

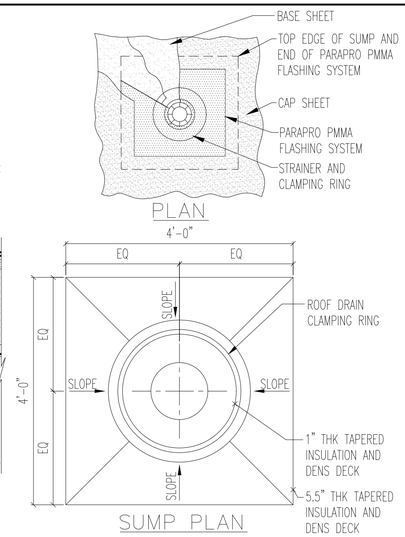
3 / A-02

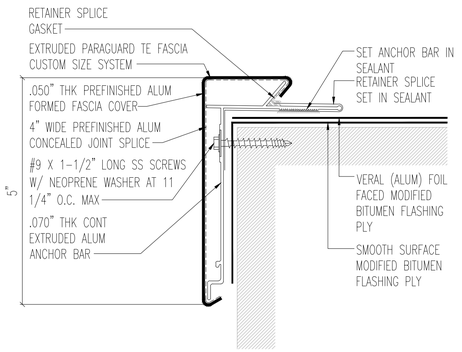


ROOF DRAIN DETAIL

NTS

5 / A-02





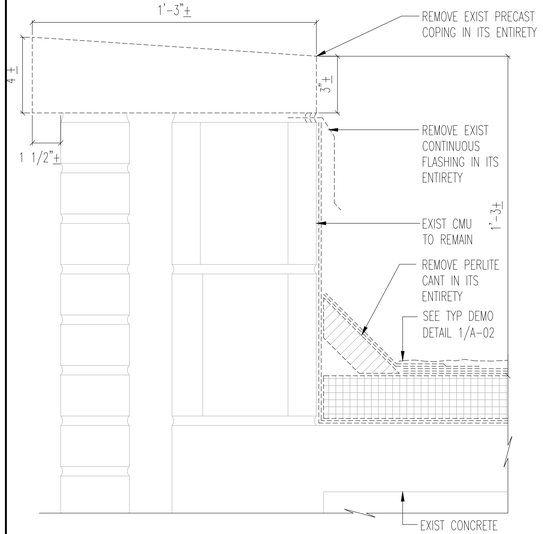
NOTE:

SEE SPECIFIC DETAILS FOR BLOCKING, BLOCKING FASTENING AND ADJACENT MATERIALS.

TYPICAL FASCIA DETAIL

SCALE: 3" = 1'-0"

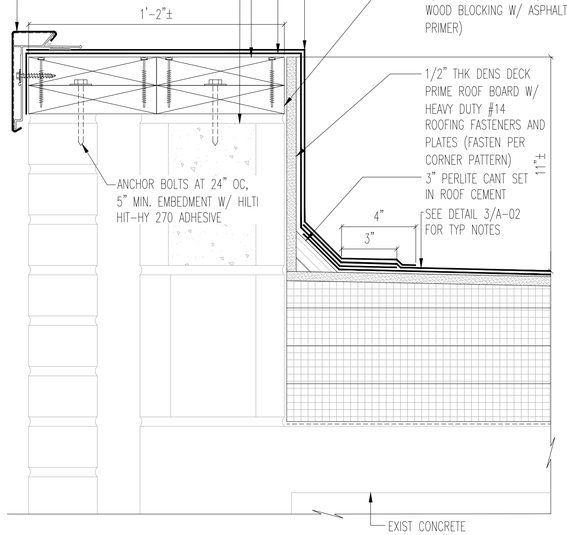
7 / A-02



DEMOLITION PARAPET DETAIL

SCALE: 3" = 1'-0"

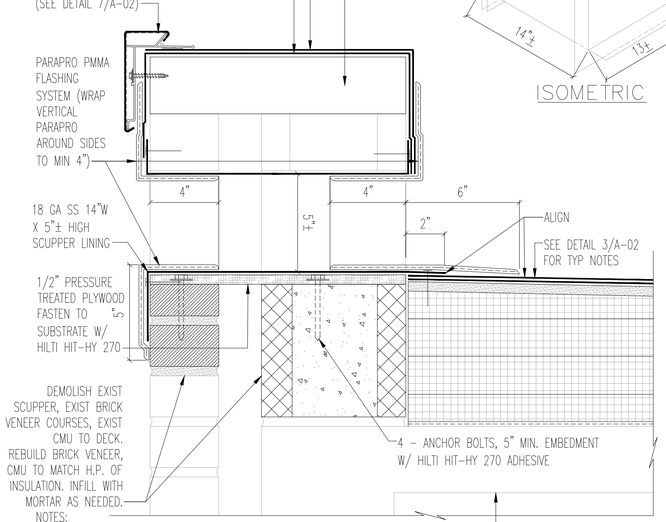
2 / A-02



PARAPET DETAIL

SCALE: 3" = 1'-0"

4 / A-02



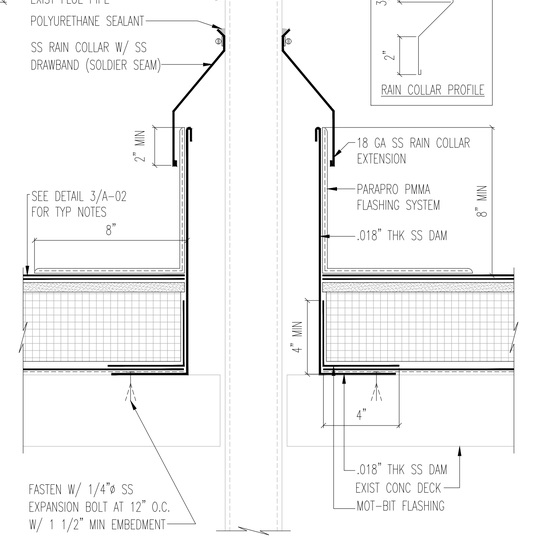
NOTES:

1. SEE DETAIL 4/A-02 FOR TYPICAL BASE FLASHING NOTES AND DIMENSIONS.

SCUPPER AND ISOMETRIC DETAIL

SCALE: 3" = 1'-0"

6 / A-02



FLUE DETAIL

SCALE: 3" = 1'-0"

8 / A-02

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SCALE: 3" = 1'-0"

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Client

NEW JERSEY WATER SUPPLY AUTHORITY
WHITEHOUSE RELEASE STRUCTURE
21 RAILROAD AVENUE
BLOCK 21.12 LOT 46.01
READINGTON TOWNSHIP, HUNTERDON COUNTY, NEW JERSEY

Rev	Date	Drawn	Description	Ch'k'd	App'd

JOHN RUSCHKE
NJ PROFESSIONAL ENGINEER LIC. No. 37148
Signed by:
Date 8-10-2026
DocuSigned by: John Ruschke 5D7B95E1F7FA46F...

Designed	B. GARCIA		Eng check	R. FRITZ	
Drawn	P. FLORIMON		Coordination		
Dwg check			Approved	J. RUSCHKE	

Scale at ANSI D	Status	Rev	Security
As Shown	FINAL	Rev. 0	STD

Project Number	B/O	Total	Drawing Number
507104349	4	4	A-02

Title

WHITEHOUSE RELEASE STRUCTURE ROOF REPLACEMENT

DETAILS

Department of Community Affairs
Construction Project Review
Project No: 9143-26
Building Partial Release
Building
Terence Luckie
Released: 9/23/2026
N.J.S.A. 52:27D-119 ET SEQ., AS AMENDED

C:\USERS\SIN99463\APPDATA\LOCAL\PROJECTWISE\WORKDIR\MOTT-USE-PW-14\D0758789\A-02.DWG
SAVE DATE/TIME: 8/12/2026 7:29:52 PM