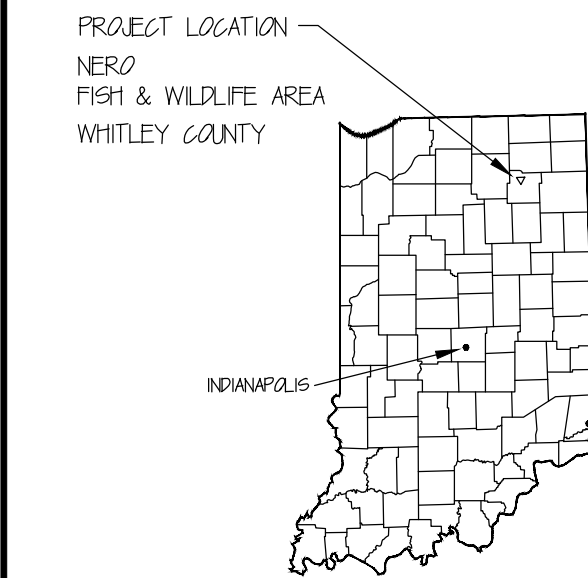


VICINITY MAP

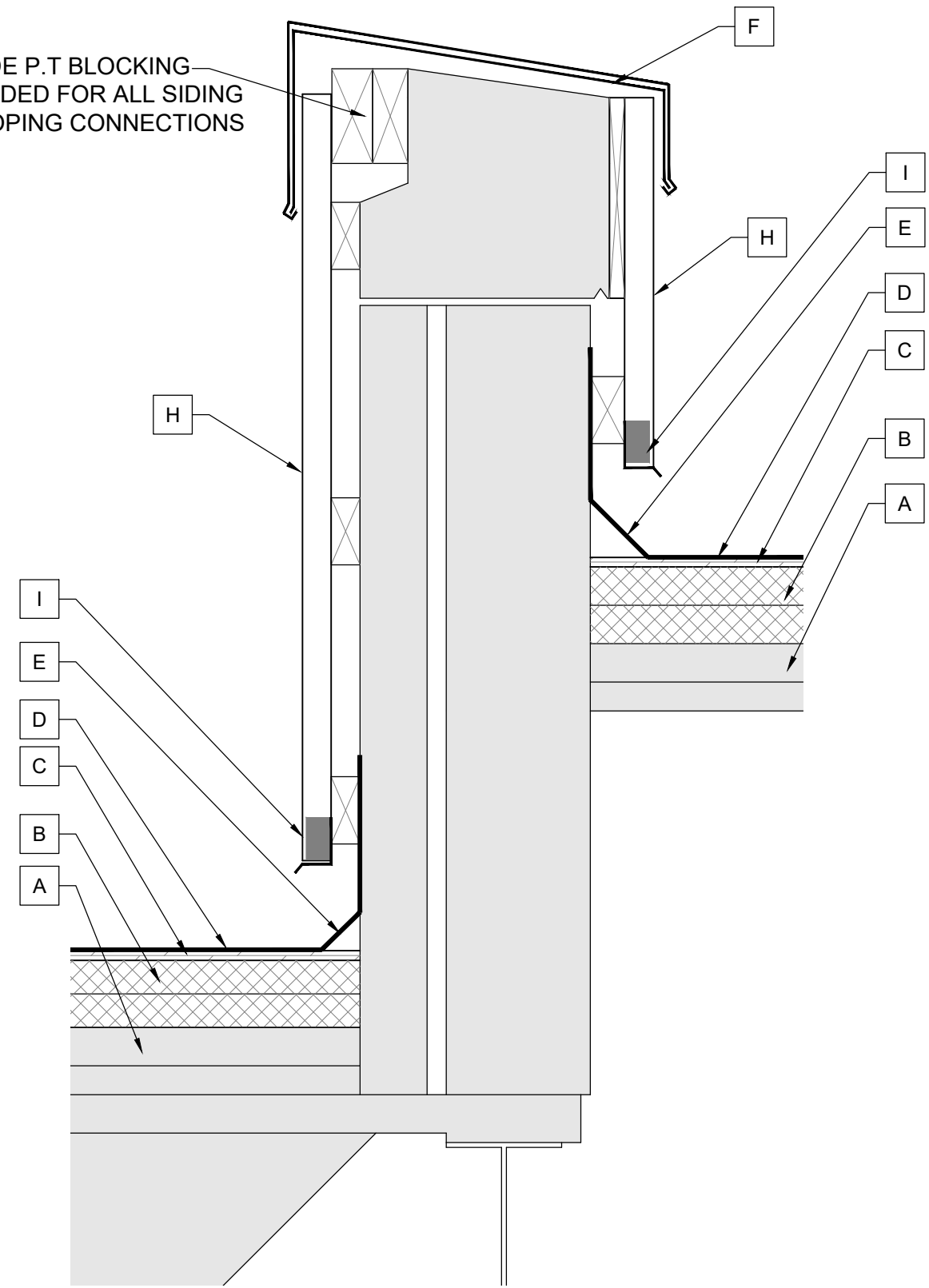


LOCATION MAP

GENERAL NOTES:

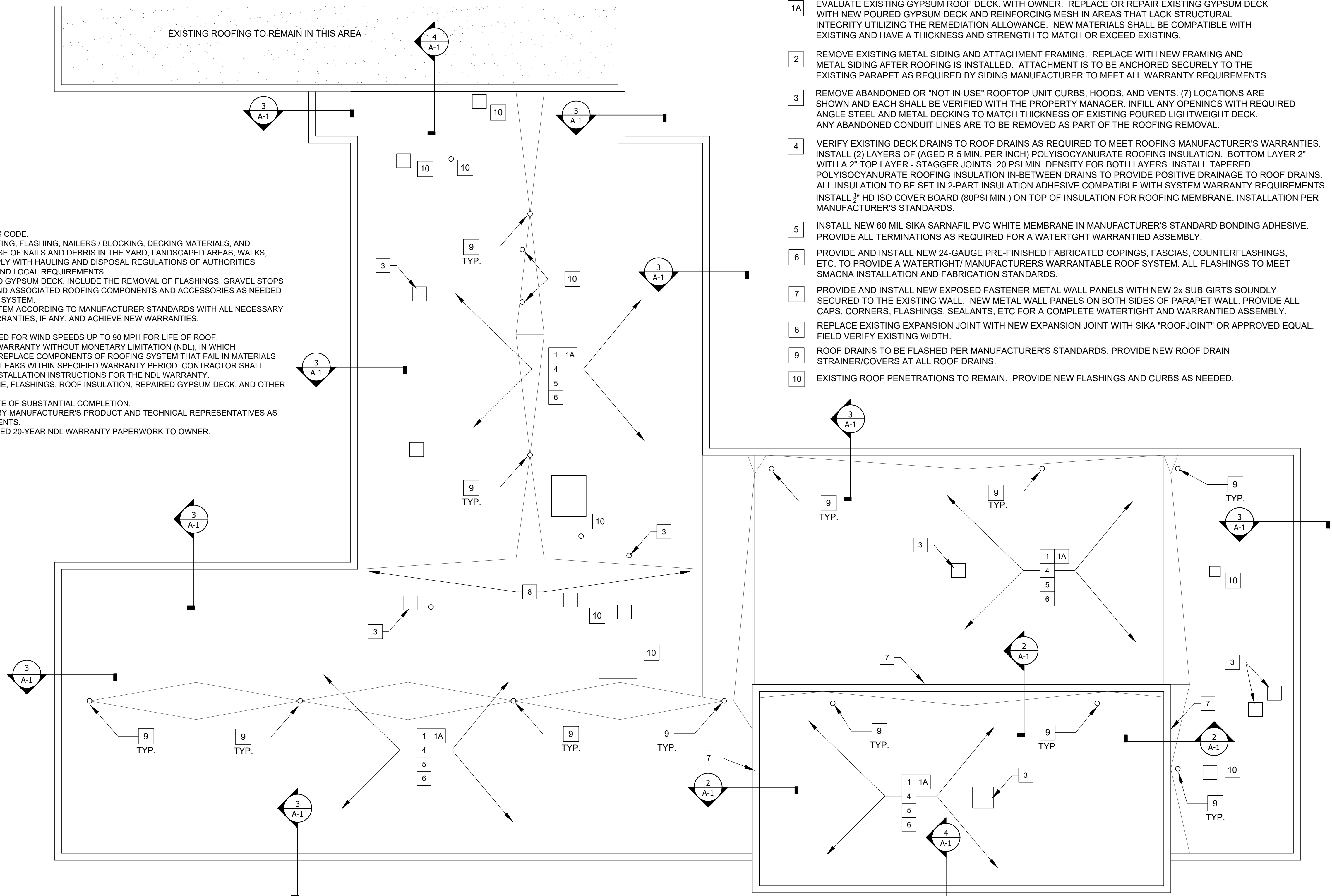
1. ALL WORK TO COMPLY WITH INDIANA BUILDING CODE.
2. PROVIDE PROPER DISPOSAL OF ALL OLD ROOFING, FLASHING, NAILERS / BLOCKING, DECKING MATERIALS, AND RELATED ITEMS. CLEAN, COLLECT, AND DISPOSE OF NAILS AND DEBRIS IN THE YARD, LANDSCAPED AREAS, WALKS, AND DRIVEWAYS. CONTRACTORS SHALL COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION PER FEDERAL, STATE, AND LOCAL REQUIREMENTS.
3. REMOVE EXISTING ROOFING SYSTEM DOWN TO GYPSUM DECK. INCLUDE THE REMOVAL OF FLASHINGS, GRAVEL STOPS / COPINGS, NAILERS / BLOCKING, CRICKETS, AND ASSOCIATED ROOFING COMPONENTS AND ACCESSORIES AS NEEDED FOR PROPER INSTALLATION OF NEW ROOFING SYSTEM.
4. CONTRACTOR TO INSTALL FULL ROOFING SYSTEM ACCORDING TO MANUFACTURER STANDARDS WITH ALL NECESSARY COMPONENTS TO MAINTAIN ALL EXISTING WARRANTIES, IF ANY, AND ACHIEVE NEW WARRANTIES.
5. WARRANTY:
 - a. ROOF SYSTEM WARRANTY SHALL BE RATED FOR WIND SPEEDS UP TO 90 MPH FOR LIFE OF ROOF.
 - b. SPECIAL WARRANTY: MANUFACTURER'S WARRANTY WITHOUT MONETARY LIMITATION (NDL), IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF ROOFING SYSTEM THAT FAIL IN MATERIALS AND/OR WORKMANSHIP THAT RESULT IN LEAKS WITHIN SPECIFIED WARRANTY PERIOD. CONTRACTOR SHALL FOLLOW MANUFACTURER'S REQUIRED INSTALLATION INSTRUCTIONS FOR THE NDL WARRANTY.
 - c. SPECIAL WARRANTY INCLUDES MEMBRANE, FLASHINGS, ROOF INSULATION, REPAIRED GYPSUM DECK, AND OTHER COMPONENTS OF ROOFING SYSTEM.
 - d. WARRANTY PERIOD: 20 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
 - e. COORDINATE AND OBTAIN INSPECTIONS BY MANUFACTURER'S PRODUCT AND TECHNICAL REPRESENTATIVES AS NEEDED TO MEET WARRANTY REQUIREMENTS.
 - f. SUBMIT MANUFACTURER'S FULLY EXECUTED 20-YEAR NDL WARRANTY PAPERWORK TO OWNER.

PROVIDE P.T. BLOCKING AS NEEDED FOR ALL SIDING AND COPING CONNECTIONS



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

EXISTING TO REMAIN



ROOF PLAN KEYNOTES:

- 1 REMOVE EXISTING ROOFING SYSTEMS AND INSULATION DOWN TO THE ORIGINAL GYPSUM ROOF DECK. CONTRACTOR TO VERIFY IF ANY ELECTRICAL IS WITHIN THE EXISTING ROOF SYSTEM.
- 1A EVALUATE EXISTING GYPSUM ROOF DECK WITH OWNER. REPLACE OR REPAIR EXISTING GYPSUM DECK WITH NEW POURED GYPSUM DECK AND REINFORCING MESH IN AREAS THAT LACK STRUCTURAL INTEGRITY UTILIZING THE REMEDIATION ALLOWANCE. NEW MATERIALS SHALL BE COMPATIBLE WITH EXISTING AND HAVE A THICKNESS AND STRENGTH TO MATCH OR EXCEED EXISTING.
- 2 REMOVE EXISTING METAL SIDING AND ATTACHMENT FRAMING. REPLACE WITH NEW FRAMING AND METAL SIDING AFTER ROOFING IS INSTALLED. ATTACHMENT IS TO BE ANCHORED SECURELY TO THE EXISTING PARAPET AS REQUIRED BY SIDING MANUFACTURER TO MEET ALL WARRANTY REQUIREMENTS.
- 3 REMOVE ABANDONED OR "NOT IN USE" ROOFTOP UNIT CURBS, HOODS, AND VENTS. (7) LOCATIONS ARE SHOWN AND EACH SHALL BE VERIFIED WITH THE PROPERTY MANAGER. INFILL ANY OPENINGS WITH REQUIRED ANGLE STEEL AND METAL DECKING TO MATCH THICKNESS OF EXISTING POURED LIGHTWEIGHT DECK. ANY ABANDONED CONDUIT LINES ARE TO BE REMOVED AS PART OF THE ROOFING REMOVAL.
- 4 VERIFY EXISTING DECK DRAINS TO ROOF DRAINS AS REQUIRED TO MEET ROOFING MANUFACTURER'S WARRANTIES. INSTALL (2) LAYERS OF (AGED R-5 MIN. PER INCH) POLYISOCYANURATE ROOFING INSULATION. BOTTOM LAYER 2" WITH A 2" TOP LAYER - STAGGER JOINTS. 20 PSI MIN. DENSITY FOR BOTH LAYERS. INSTALL TAPERED POLYISOCYANURATE ROOFING INSULATION IN-BETWEEN DRAINS TO PROVIDE POSITIVE DRAINAGE TO ROOF DRAINS. ALL INSULATION TO BE SET IN 2-PART INSULATION ADHESIVE COMPATIBLE WITH SYSTEM WARRANTY REQUIREMENTS. INSTALL 3/8" HD ISO COVER BOARD (80PSI MIN.) ON TOP OF INSULATION FOR ROOFING MEMBRANE. INSTALLATION PER MANUFACTURER'S STANDARDS.
- 5 INSTALL NEW 60 MIL SIKA SARNAFIL PVC WHITE MEMBRANE IN MANUFACTURER'S STANDARD BONDING ADHESIVE. PROVIDE ALL TERMINATIONS AS REQUIRED FOR A WATERTIGHT WARRANTED ASSEMBLY.
- 6 PROVIDE AND INSTALL NEW 24-GAUGE PRE-FINISHED FABRICATED COPINGS, FASCIAS, COUNTERFLASHINGS, ETC. TO PROVIDE A WATERTIGHT/ MANUFACTURER'S WARRANTABLE ROOF SYSTEM. ALL FLASHINGS TO MEET SMACNA INSTALLATION AND FABRICATION STANDARDS.
- 7 PROVIDE AND INSTALL NEW EXPOSED FASTENER METAL WALL PANELS WITH NEW 2x SUB-GIRTS SOUNDLY SECURED TO THE EXISTING WALL. NEW METAL WALL PANELS ON BOTH SIDES OF PARAPET WALL. PROVIDE ALL CAPS, CORNERS, FLASHINGS, SEALANTS, ETC FOR A COMPLETE WATERTIGHT AND WARRANTED ASSEMBLY.
- 8 REPLACE EXISTING EXPANSION JOINT WITH NEW EXPANSION JOINT WITH SIKA "ROOFJOINT" OR APPROVED EQUAL. FIELD VERIFY EXISTING WIDTH.
- 9 ROOF DRAINS TO BE FLASHED PER MANUFACTURER'S STANDARDS. PROVIDE NEW ROOF DRAIN STRAINER/COVERS AT ALL ROOF DRAINS.
- 10 EXISTING ROOF PENETRATIONS TO REMAIN. PROVIDE NEW FLASHINGS AND CURBS AS NEEDED.

ROOF DETAIL KEYNOTES:

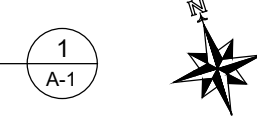
REFER TO PLAN NOTES FOR MORE INFORMATION

- A EXISTING GYPSUM DECK TO REMAIN.
- B (2) LAYERS OF 2" POLYISOCYANURATE ROOFING INSULATION. R-20 TOTAL R VALUE MIN.
- C 3/8" HD ISO COVER BOARD.
- D 60 MIL. PVC ROOFING MEMBRANE
- D1 EXTEND ROOFING MEMBRANE UP PARAPET AND TERMINATE ON TOP OF WALL UNDER COPING
- E CANT, SEAM FASTENING, BONDING ADHESIVES AND SEAL TAPE PER MANUFACTURER'S STANDARDS
- F CUSTOM FABRICATED 24 GA. SHEET METAL COPING WITH CLEATS. GALVANIZED SUBSTRATE WITH KYNAR FINISH. SUBMIT COLORS TO OWNER FOR SELECTION. PROVIDE P.T. BLOCKING IF REQUIRED FOR PROPER COPING CONNECTIONS TO THE EXISTING PRE-CAST WALL.
- F1 3" MAX PROFILE ON FRONT EDGE. SUBMIT COLORS TO OWNER FOR SELECTION.
- G TERMINATE ROOFING PER MANUFACTURER'S STANDARDS. PROVIDE ALL FLASHINGS AND REGLETS NECESSARY (NOT SEALANTS) FOR A WATERTIGHT SYSTEM.
- H METAL SIDING AND P.T. GIRTS ANCHORED TO THE EXISTING WALL. PARAPET CAP TO MEET ALL NRCA AND ANSI-SPRI STANDARDS.
- I TERMINATE METAL SIDING PER MANUFACTURER'S STANDARDS
- J EXISTING QUARTZ COVERED PRECAST
- K EXISTING CONCRETE PRECAST PARAPET

NERO
ROOF PLAN

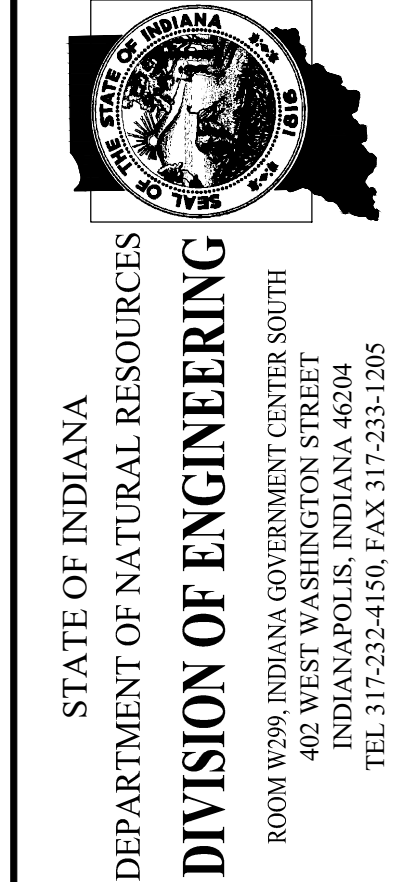
SCALE: 1/8" = 1'-0"

0 1' 2' 4' 8' 12'



Certified by:

NERO - Roof Replacement Project
NORTHEAST REGIONAL HEADQUARTERS
DEPT. OF NATURAL RESOURCES
1353 Governors Drive
Columbia City, IN 46725



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Client Approval:	
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