

WEST HARDIN MIDDLE SCHOOL ROOF REPLACEMENT

10471 LEITCHFIELD ROAD, CECILIA, KENTUCKY 42724
APRIL 16TH, 2015
BG# 15-XXX

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ARCHITECTURAL

COVER

D1.0 ROOF DEMOLITION PLAN

A1.0 ROOF NEW WORK PLAN ALTERNATE #2 AND ROOF DETAILS

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MURPHY + GRAVES + TRIMBLE, PLLC
ARCHITECTURE | PLANNING | INTERIORS

OWNER

HARDIN COUNTY BOARD OF EDUCATION
65 W.A. JENKINS ROAD,
ELIZABETHTOWN, KENTUCKY 41472
PH: 270.769.8800
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HAZARDOUS MATERIAL NOTES

- Occupational Safety Health Administration Regulations and Kentucky Occupational Safety Health Regulations 29 CFR 1910. 1200 (General Industry Regulations) and 29 CFR 1926.58 (Construction Industry Regulations) requires the building owner to identify work place hazards and hazardous materials prior to construction, renovation, or demolition. Murphy + Graves + Trimble PLLC assumes no liability, expresses or implies no or any warranty or guarantee, as to the completeness of the owners or its' consultants due diligence to identify work place hazards or hazardous materials that may be encountered during the Contractors Scope of Work.
- The National Emissions Standard for Hazardous Air Pollutants 40 CFR 61.140 Subpart M; and 401 KAR 58.025 requires an asbestos inspection prior to commencement of renovation or demolition activities. (Demolition is defined in this regulation as disturbance of any structural building component). OSHA regulations 29 CFR 1910. 1001 (j)(8) and 29 CFR 1926.1101 (k)(5)(ii)(A) requires that the building owner prove a material installed prior to 1989 to be non-asbestos containing prior to disturbance. Murphy + Graves+Trimble PLLC assumes no liability, expresses or implies no or any warranty or guarantee, as to the completeness of the owners or its' consultants due diligence to identify asbestos containing building materials that may be encountered during the Contractors Scope of Work. By execution of the contract documents the Contractor, its' employees and subcontractors agrees to hold harmless, defend, and indemnify the architect, its' principals, agents, consultants, for the Contractors', his employees, and subcontractors failure to comply with this section that results in contamination, Contractors negligence, worker exposure or notice of violation.

- OSHA Lead in Construction Regulation 29 CFR 1926.62, KOSH § 1926.62 requires that Contractors protect their employees from exposure to lead containing building materials and coatings during construction, renovation or demolition activities. It is the owners' responsibility to identify this hazard. Murphy + Graves+ Trimble PLLC is not responsible for either the owners due diligence or enforcement of the Contractors compliance with this regulation. By execution of the contract documents, the Contractor expresses warrants and guarantees it will perform its' work, including its' sub-contractors, in compliance with this regulation. Further, the Contractor, its' employees and subcontractors agrees to hold harmless, defend, and indemnify the architect, its' principals, agents, consultants, for the Contractors, his employees, and subcontractors failure to comply with this section that results in contamination, worker exposure, or notice of violation.
- The Contractor, its' employees and subcontractors are to stop work when suspect hazardous conditions or materials are encountered and are instructed to notify Murphy + Graves+ Trimble PLLC immediately at (859) 559-0504 and the owners Environmental Consultant regarding remedial and containment measures. The Contractor is not to proceed with any remedial or response actions without consulting with the owners Environmental Consultant. By execution of the contract documents the Contractor, its' employees and subcontractors agrees to hold harmless, defend, and indemnify the architect, its' principals, agents, consultants, for the Contractors', his employees, and subcontractors failure to comply with this section that results in contamination, Contractors negligence, worker exposure or notice of violation.

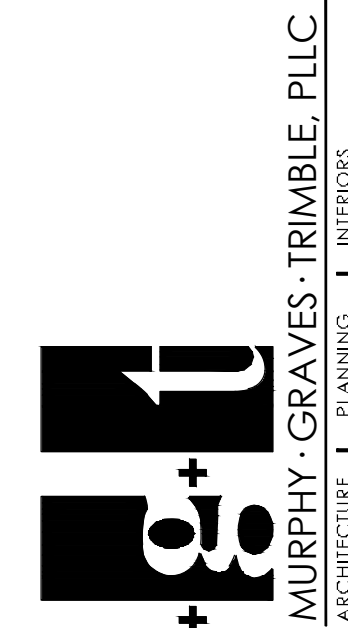
- The Contractor by executing the contract documents agrees that he has been informed of the work place hazards and hazardous materials involved in his Scope of Work and further agrees that it will comply with all applicable codes, safety regulations and environmental regulations. It is further agreed, that by execution of the contract documents the Contractor, its' employees and subcontractors agrees to hold harmless, defend, and indemnify the architect, its' principals, agents, consultants, for the Contractors, his employees, and subcontractors failure to comply with all applicable codes, safety regulations and environmental regulations and any subsequent litigation that may result.
- It is agreed that Murphy + Graves+ Trimble PLLC is not responsible for identification of hazardous conditions or hazardous materials, remedial or response actions relating to hazardous conditions or materials; and, it is agreed that it is the Contractors responsibility to protect its' employees, subcontractors employees and building occupants from exposure to hazards conditions or materials that may be encountered in the Contractors' Scope of Work. Therefore, it is further agreed that the responsibility for identification of any and all hazards in the Contractors Scope of Work is between the building owner and the Contractor.

By execution of the contract documents the Contractor agrees it shall bring no claims for negligence, breach of contract, indemnity, or any litigation relating to hazardous conditions or hazardous materials against Murphy + Graves + Trimble PLLC, it principals, agents, or consultants.

SHEET TITLE:
CONSTRUCTION DOCUMENTS

JOB NAME:
WEST HARDIN MIDDLE SCHOOL
ROOF REPLACEMENT

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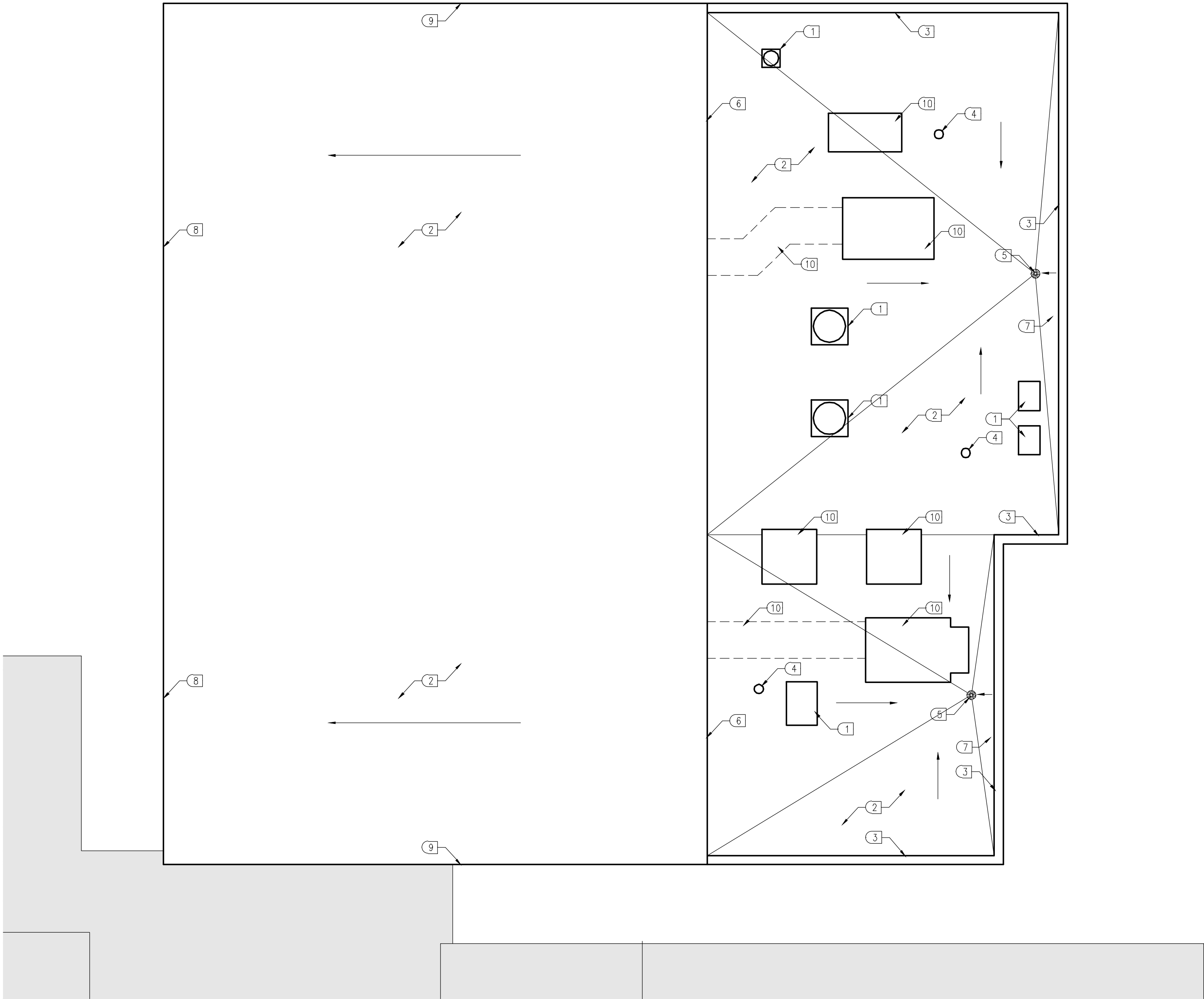
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JOB NO. 1510
DATE: 4.16.2015
PRODUCED BY: MWS

NOTES:

SHEET NUMBER:

COVER



1 ROOF DEMOLITION PLAN
1/8"=1'-0"

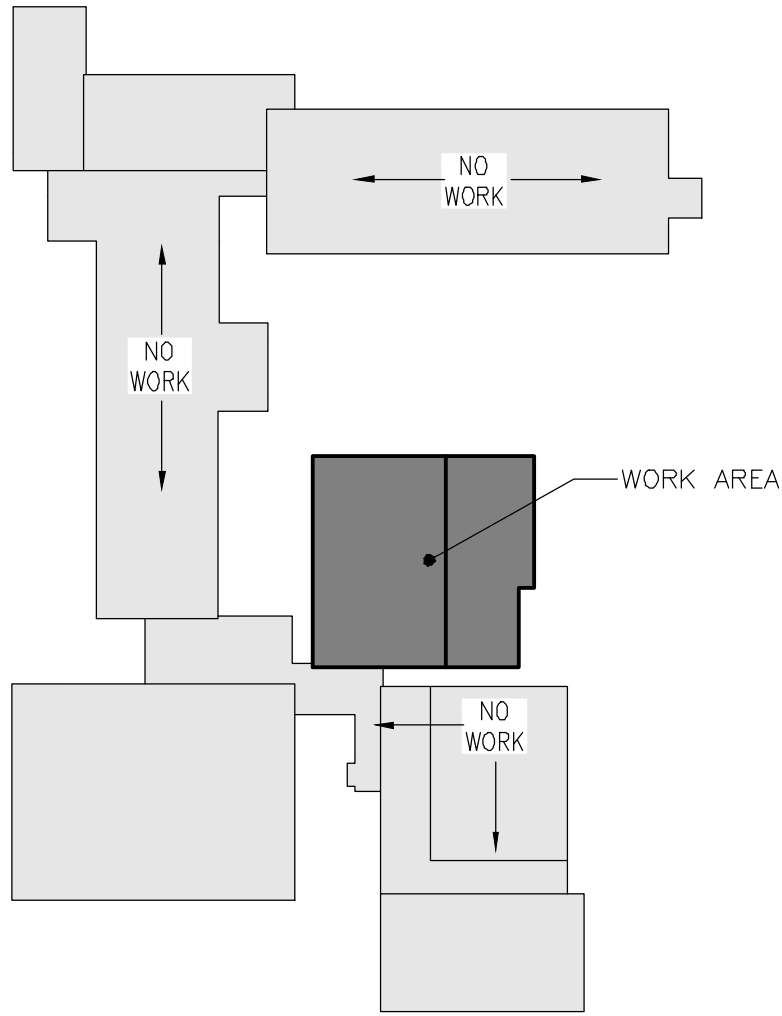
DEMOLITION PLAN NOTES – □

1. EXISTING ROOF CURB TO REMAIN, REMOVE EXISTING FLASHING AS REQ'D.
2. EXISTING MEMBRANE ROOFING TO BE REMOVED, DOWN TO EXISTING INSULATION– TYP.
3. EXISTING METAL COPING TO BE REMOVED AND STORE FOR REUSE. REMOVE WALL EXISTING FLASHING DOWN TO EXISTING SUBSTRATE.
4. EXISTING VENT THRU ROOF, REMOVE EXISTING FLASHING AS REQ'D. VERIFY QUANTITY AND LOCATIONS IN FIELD.
5. EXISTING ROOF DRAIN STRAINER. REMOVE AND STORE FOR REUSE.
6. EXISTING FLASHING @ EXISTING WALL TO BE REMOVED.
7. EXISTING TAPERED INSULATION TO BE REMOVED– TYP.
8. EXISTING ROOF EDGE INTO GUTTER TO BE REMOVED. GUTTER AND DOWNSPOUTS TO REMAIN.
9. EXISTING ROOF EDGE TO BE REMOVED.
10. EXISTING FLASHING AT HVAC AND DUCTWORK SUPPORTS, CURBS AND/OR RAILS TO BE REMOVED.

GENERAL NOTES

- GN 1 SEE COVER SHEET FOR HAZARDOUS MATERIALS NOTES.
- GN 2 INFORMATION INCLUDED ON THESE DRAWING ARE INTENDED TO PROVIDE CONTRACTOR WITH A BASIC UNDERSTANDING OF THE EXISTING CONDITIONS. ACTUAL CONDITIONS AND DIMENSIONS MAY VARY FROM THOSE INDICATED HERE.
- GN 3 CONTRACTOR SHALL VERIFY ALL EXISTING ROOF AND CRICKET PITCHES COMPLY WITH MANUFACTURERS WARRANTY. OVERBUILT CRICKETS SHALL BE MODIFIED AS REQUIRED.
- GN 4 COORDINATE REMOVAL OF EXISTING ROOFING WITH INSTALLATION OF NEW ROOFING SYSTEM TO INSURE THAT EXISTING AND NEW INSULATION AND ROOF DECK ARE NOT EXPOSED TO PRECIPITATION OR LEFT EXPOSED OVERNIGHT. PROVIDE WATER CUT OFFS AT THE END OF EACH DAY'S WORK.
- GN 5 CAREFULLY REMOVE EXISTING ROOFING MATERIALS TO AVOID DAMAGE TO SUBSTRATES. LOWER REMOVED MATERIALS TO TRASH CONTAINERS AT GRADE OR INTO TRUCKS BY USE OF CHUTES. DO NOT THROW MATERIALS OFF ROOF.
- GN 6 DO NOT TRAVERSE RE–ROOFED AREAS TO CARRY REMOVED MATERIALS TO CHUTES: WHERE POSSIBLE MOVE CHUTES TO AREAS WHERE MATERIAL IS BEING REMOVED.
- GN 7 TRANSPORT REMOVED MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS.
- GN 8 PROVIDE TEMPORARY WALKWAYS AS REQUIRED TO PROTECT EXISTING SUBSTRATES FROM DAMAGE BY ROOFING OPERATIONS.
- GN 9 NOISE ABATEMENT BY CONTRACTOR REQUIRED DURING SCHOOL HOURS, MEANING NO RADIOS, NO POWER –ACTUATED AND PNEUMATIC TOOLS, SAWING, HAMMERING, ETC. WITHOUT THE APPROVAL FROM THE BOE REPRESENTATIVE.
- GN 10 CODE OF CONDUCT FOR WORKERS TO INCLUDE SHIRTS, NO ALCOHOL, SMOKING, DRUGS, FIREARMS, FOUL LANGUAGE, OR FRATERNIZING WITH STUDENTS AND STAFF.
- GN 11 NO EMPLOYMENT OF CONVICTED FELONY OF SEX CRIMES ALLOWED ON PROJECT.

BUILDING KEY PLAN (N.T.S.)



SHEET TITLE: ROOF DEMOLITION PLAN

JOB NAME: WEST HARDIN MIDDLE SCHOOL
ROOF REPLACEMENT

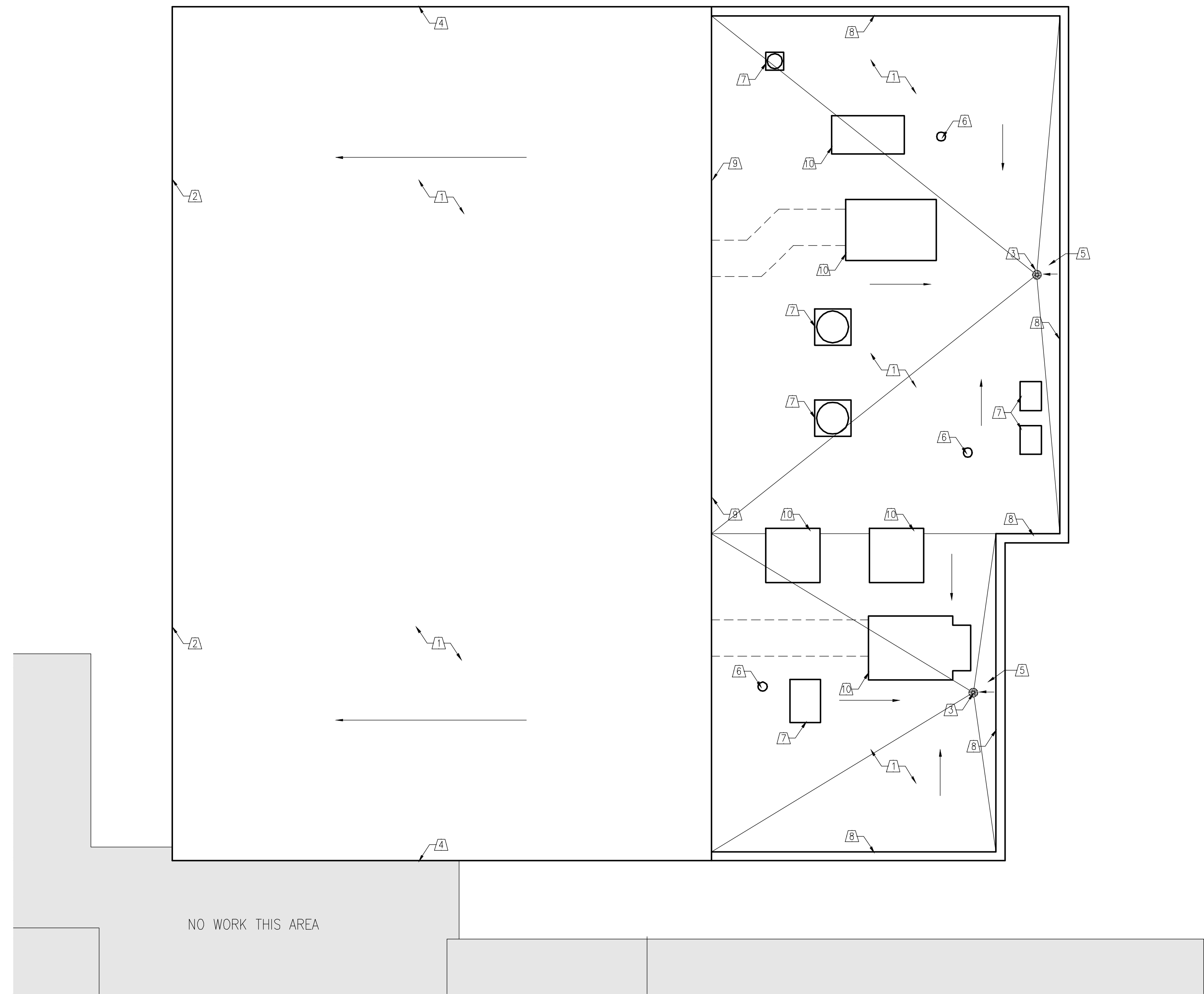
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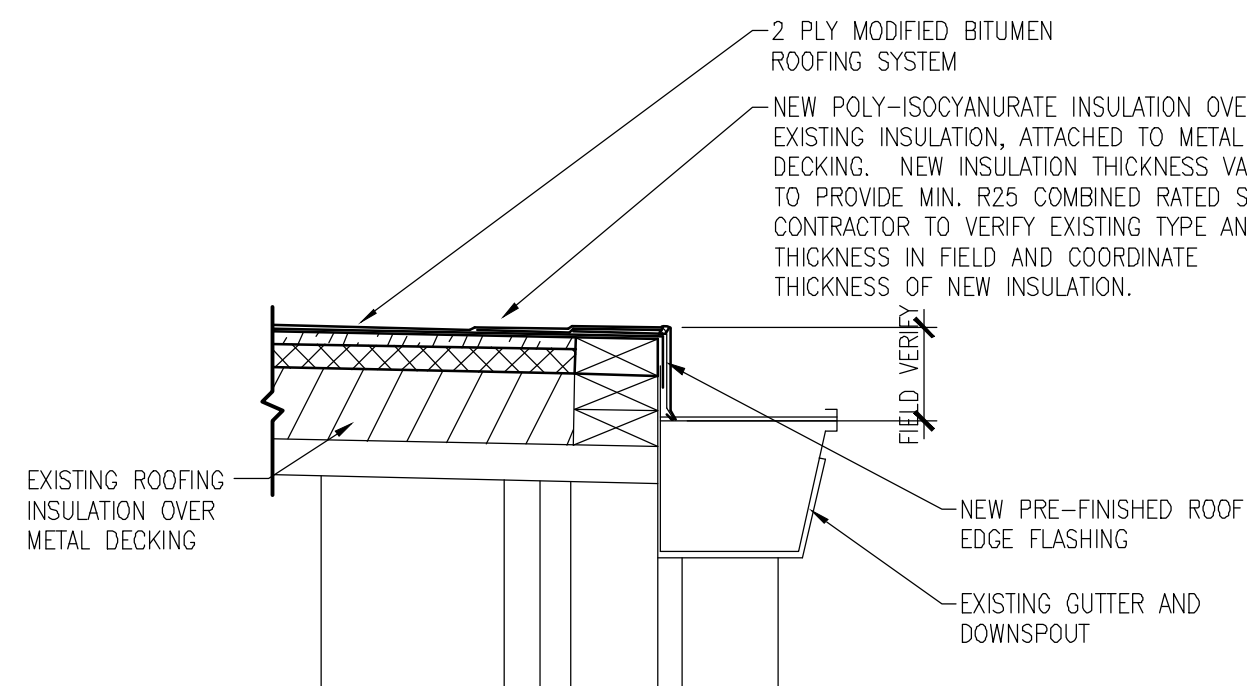
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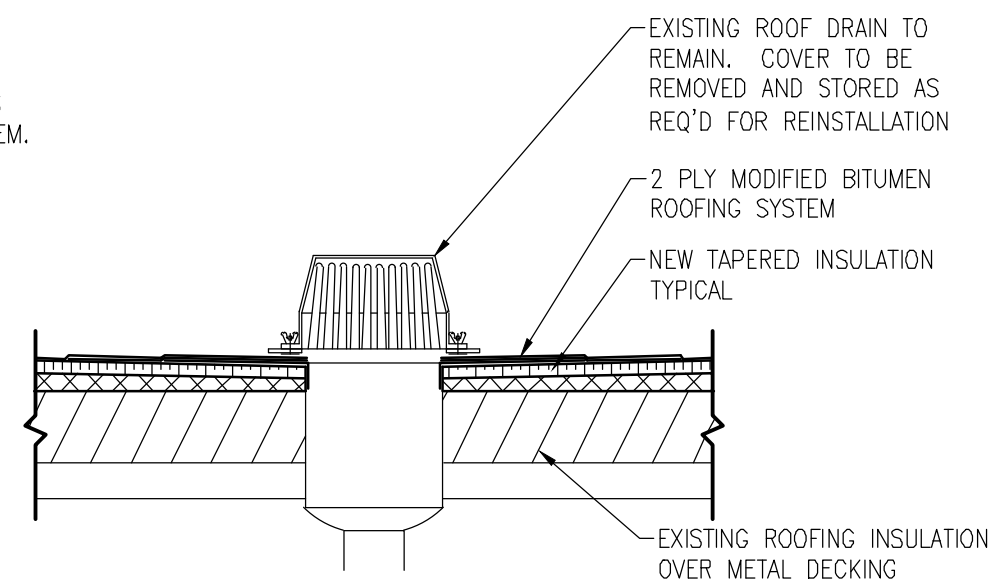
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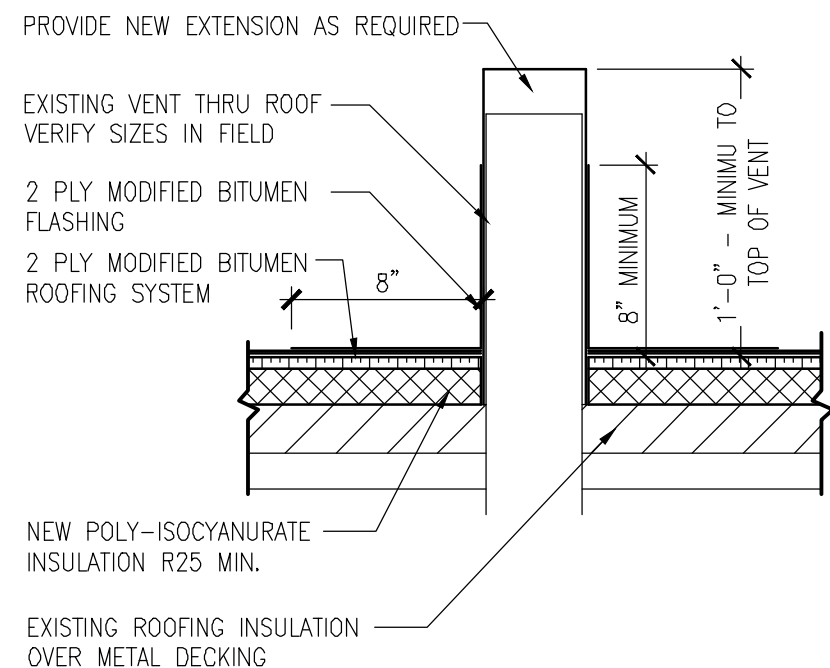
1 ROOF NEW WORK PLAN
1/8"=1'-0"



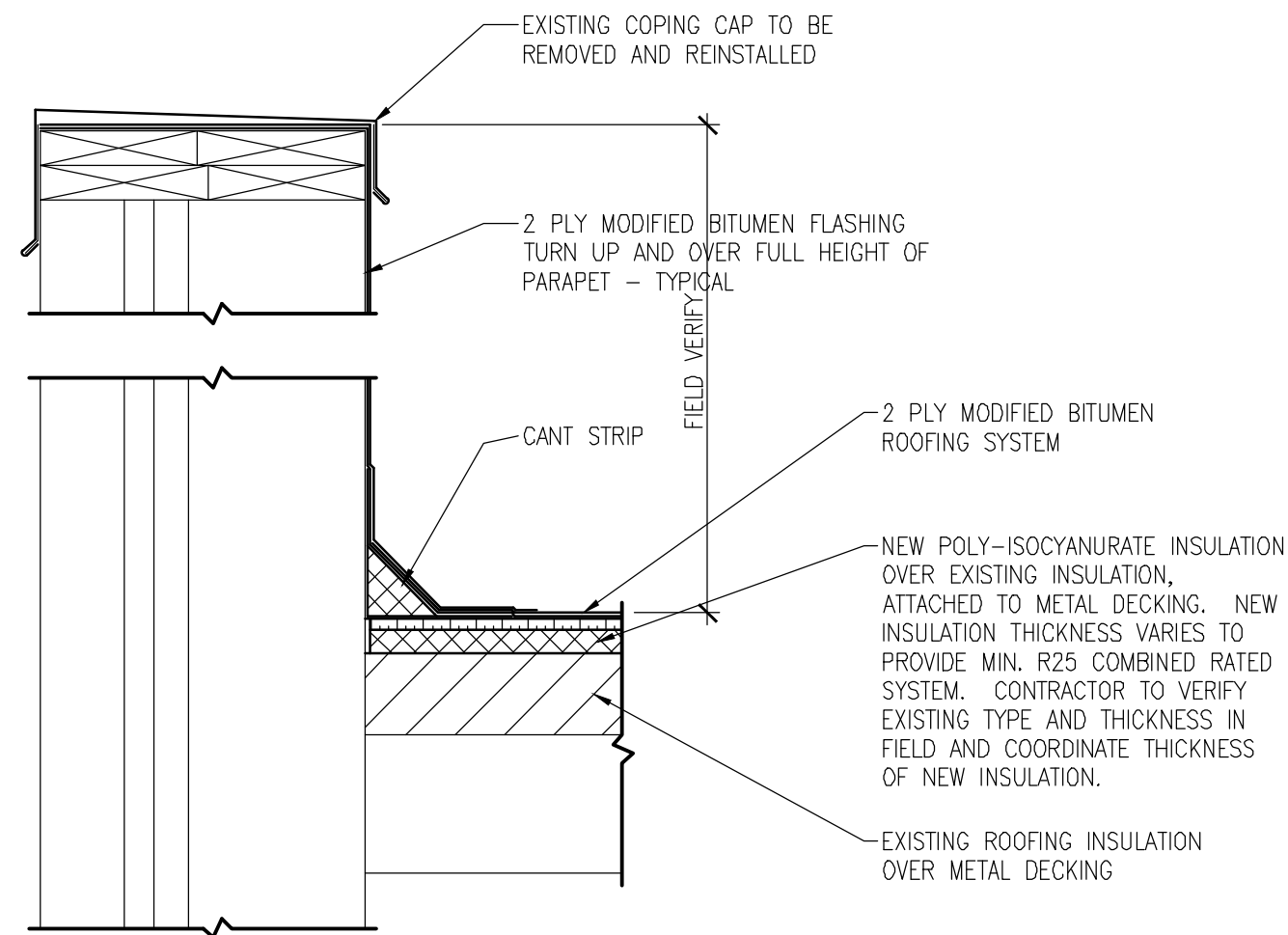
3 NEW GUTTER DETAIL
1-1/2"=1'-0"



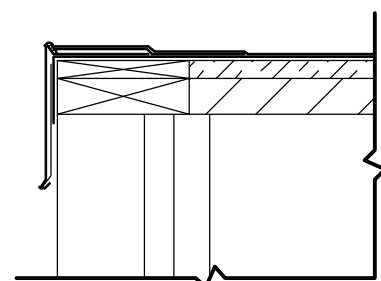
4 ROOF DRAIN DETAIL
1-1/2"=1'-0"



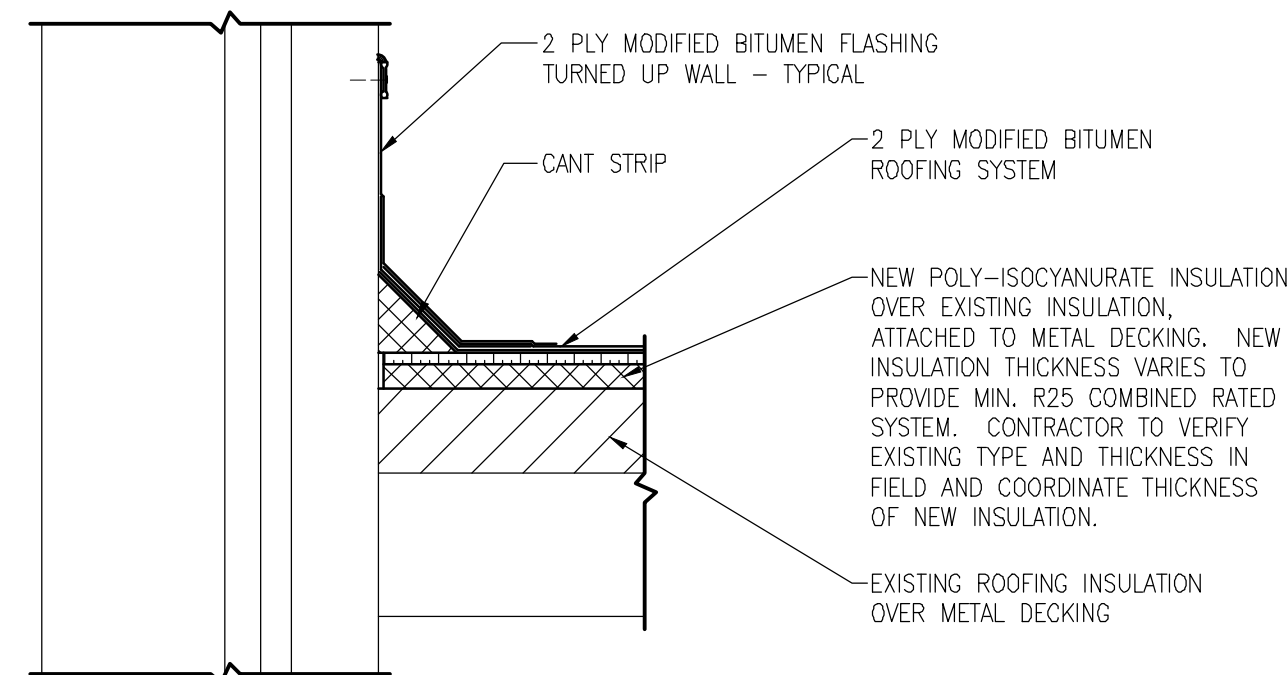
5 TYPICAL ROOF PENETRATION
1-1/2"=1'-0"



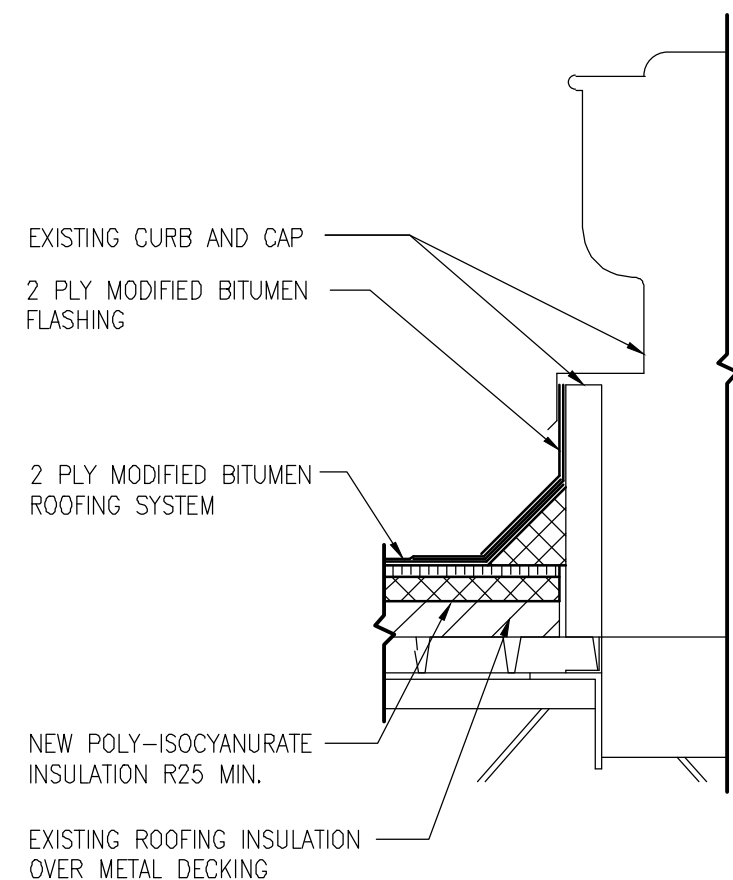
1 TERMINATION @ PARAPET
1-1/2"=1'-0"



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



2 TERMINATION @ WALL
1-1/2"=1'-0"



6 TYPICAL ROOF CURB
1-1/2"=1'-0"

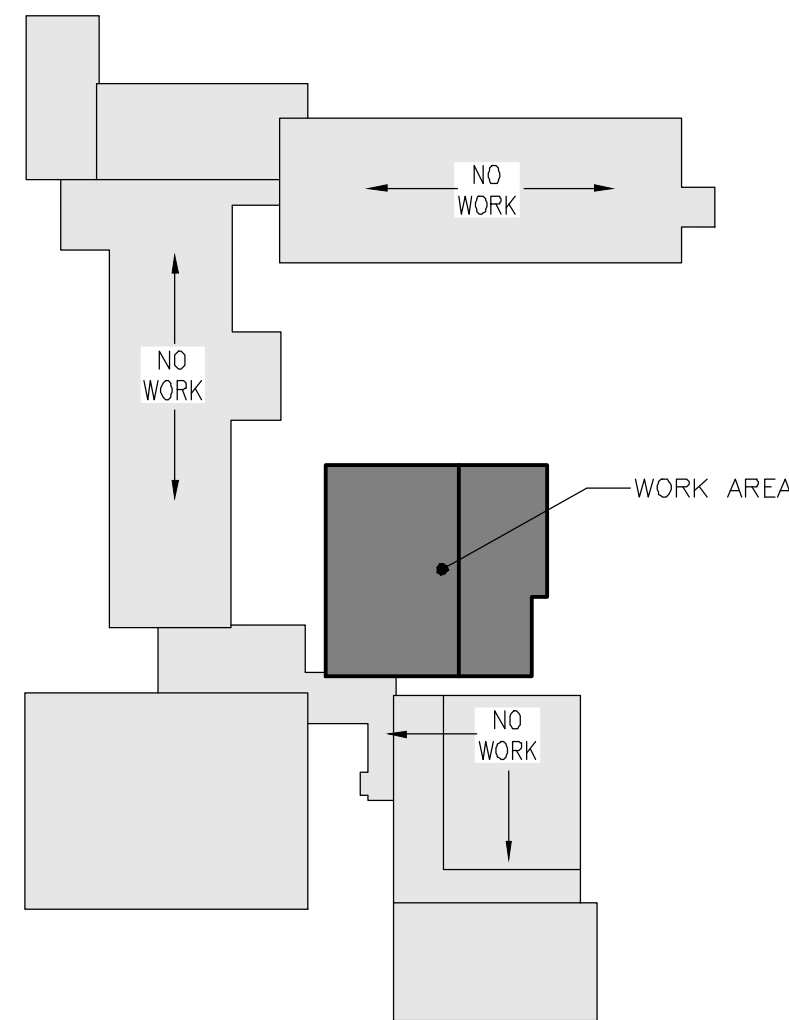
NEW WORK PLAN NOTES - A

- NEW 2-PLY MODIFIED BITUMEN ROOFING SYSTEM OVER OVERLAP POLY-ISOCYANURATE INSULATION. OVERLAP POLY-ISO INSULATION THICKNESS VARIES AS REQ'D TO PROVIDE R-25 MIN. IN COMBINATION WITH EXISTING INSULATION - TYP.
- METAL ROOF DRIP EDGE INTO EXISTING GUTTER. PROVIDE P.T. BLOCKING AS REQ'D. PROVIDE
- EXISTING ROOF DRAIN STRAINER TO BE REINSTALLED.
- METAL ROOF EDGE, PROVIDE P.T. BLOCKING AS REQ'D. PROVIDE
- PROVIDE NEW TAPERED POLYISOCYANURATE INSULATION AS REQUIRED TO PROVIDE DRAINAGE TO ROOF DRAINS.
- EXISTING VENT THRU ROOF, EXTEND TO 12" ABOVE TOP OF ROOFING AS REQ'D AND PROVIDE NEW FLASHING.
- EXISTING ROOF CURB, PROVIDE NEW FLASHING.
- PROVIDE NEW CANT AND TURN ROOFING UP WALL AND OVER WALL, REINSTALL EXISTING COPING OVER ROOFING.
- PROVIDE NEW CANT AND TURN ROOFING UP WALL. PROVIDE TERMINATION BAR AND SEALANT.
- EXISTING HVAC UNIT. PROVIDE FLASHING AS REQ'D AT SUPPORTS, CURBS AND/OR EQUIPMENT RAILS.

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AND ROOF DETAILS

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