

PROJECT
Roof Replacement
994 South Bellevue, Memphis, TN

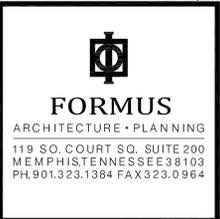
OWNER
Shelby County Government, State of Tennessee

ARCHITECT
Formus, Inc., 119 S. Court, Memphis, TN 38103

ROOF CONSULTANT
Tennessee Roofing Consultants, Inc.
1760 Asbury, Somerville, TN 38068

INDEX OF DRAWINGS

- A1.1 Title
 - Project Area Map
 - Demolition & General Notes
- A2.1 Roof Plan
- A3.1 Details
- A3.2 Alternate Details
- A4.1 Photographs
- A4.2 Photographs



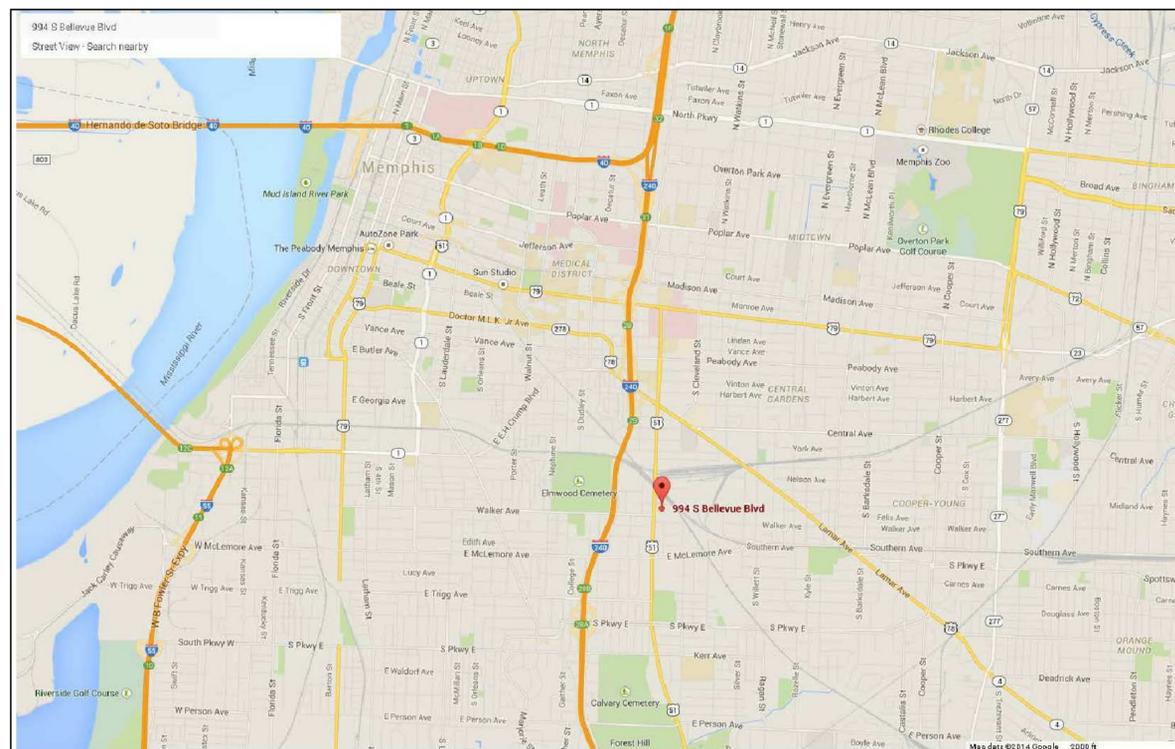
DEMOLITION AND GENERAL NOTES

DEMOLITION

REMOVE ALL EXISTING EPDM ROOF MEMBRANE, FLASHINGS, ROOF INSULATION, AND METAL ITEMS, DOWN TO THE METAL ROOF DECK AND DISPOSE FROM SITE.

GENERAL NOTES

1. CONTRACTORS SHALL VISIT THE SITE, BECOME FAMILIAR WITH EXISTING CONDITIONS, AND PREPARE HIS BID BASED ON ACTUAL FIELD CONDITIONS.
2. ROOF DETAILS SHOWN ARE INTENDED TO REPRESENT TYPICAL CONDITIONS COORDINATE INSTALLATION OF NEW ROOF SYSTEM WITH ACTUAL CONDITIONS PRESENT AND ROOF SYSTEM MANUFACTURERS REQUIREMENT TO ASSURE THAT A WATERTIGHT, WARRANTED ROOF SYSTEM IS OBTAINED.
3. CONTRACTOR SHALL MAINTAIN ALL GROUNDS AND BUILDING EXTERIOR IN EXCELLENT CONDITION OR REPAIR AT THEIR OWN EXPENSE.
4. COORDINATE ALL WORK WITH LOCAL OFFICIALS AND THE OWNER.
5. CONTRACTOR SHALL KEEP CONSTRUCTION OPERATIONS WITHIN BOUNDARIES OF THE PROJECT LIMITS, AND KEEP CONSTRUCTION MATERIAL LIMITED TO SPECIFIC AREA.
6. RAISE/EXTEND EXISTING PENETRATIONS AND REWORK ALL UTILITIES AS REQUIRED (8" MIN. FLASHING HEIGHT).
7. REPLACE ALL DETERIORATED WOOD NAILERS (QUOTE UNIT PRICE PER B.F.).
8. REPLACE DETERIORATED METAL DECK (QUOTE UNIT PRICE PER SQ. FT.).
9. MECHANICALLY ATTACH POLYISOCYANURATE INSULATION TO METAL DECK. INSTALL WOOD FIBERBOARD INSULATION WITH SOLID BEDDING OF TYPE IV HOT ASPHALT. ALL INSULATION ATTACHMENT SHALL BE PER MANUFACTURERS RECOMMENDATIONS TO ACHIEVE A MINIMUM FM I-60 WIND UPLIFT RATING.
10. ALL SBS INSTALLATIONS SHALL BE IN SOLID BEDDING OF TYPE IV HOT ASPHALT. ROOF INSTALLATION SHALL BE PER MANUFACTURERS RECOMMENDATIONS TO ACHIEVE A 20-YEAR NDL TOTAL SYSTEM WARRANTY AND A MINIMUM FM I-60 WIND UPLIFT RATING.
11. ALL ROOFTOP UNITS, EXHAUST FANS, PIPING, VENTS, ETC., AND OTHER ROOF FEATURES ARE TO REMAIN UNLESS NOTED OTHERWISE.
12. THE CONTRACTOR SHALL CLEAN UP AS THE WORK PROGRESSES AND NOT ALLOW QUANTITIES OR DEBRIS TO ACCUMULATE AS OLD ROOFING MATERIALS ARE REMOVED, THEY ARE TO BE IMMEDIATELY DEPOSITED IN DUMPSTERS OR OTHER SUITABLE CONTAINERS PROVIDED BY CONTRACTOR.
13. ALL WOOD BLOCKING SUPPORTS SHALL BE REPLACED WITH NEW PRESSURE TREATED WOOD WITH ATTACHED PROTECTION PADS.
14. EXISTING ROOF EDGE SHEET METAL, GUTTER AND DOWNSPOUTS TO BE REMOVED, DISCARDED, AND REPLACED WITH NEW TO MATCH EXISTING MATERIAL.
15. SHEET METAL INSTALLATION: ALL NEW SHEET METAL ITEMS INSTALLED IN THIS PROJECT SHALL BE FABRICATED AND/OR INSTALLED PER RECOMMENDED PRACTICES & STANDARDS SET FORTH IN THE LATEST SMACNA MANUAL. POOR INSTALLATION WILL BE REJECTED AND WILL BE REQUIRED TO BE CORRECTED AS DIRECTED BY THE DESIGNER AT THE CONTRACTORS COST.
16. WHERE LAWN AREAS ARE USED FOR STAGING, DEMOLITION EQUIPMENT SUCH AS DUMPSTERS, ETC., CONTRACTOR IS TO RESEED, ADD ADDITIONAL TOPSOIL AS REQUIRED, AND SMOOTH LAWN AS NECESSARY.
17. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE OCCURRING AS RESULT OF REROOFING OPERATIONS, SUCH AS DAMAGE TO WALKS, DRIVES, BLDG, ETC. ALL DAMAGE TO BE REPAIRED BY CONTRACTOR AT HIS EXPENSE TO BRING DAMAGED ITEM INTO SAME OR BETTER CONDITION THAN PRIOR TO RE-ROOFING.
18. A COPY OF MANUFACTURERS INSPECTION REPORT AND CONTRACTORS INSPECTION REPORT SHALL BE FURNISHED TO DESIGNER PRIOR TO FINAL PAYMENT.
19. DESIGNER SHALL BE NOTIFIED 48 HOURS PRIOR TO MANUFACTURERS INSPECTION OF ROOF.



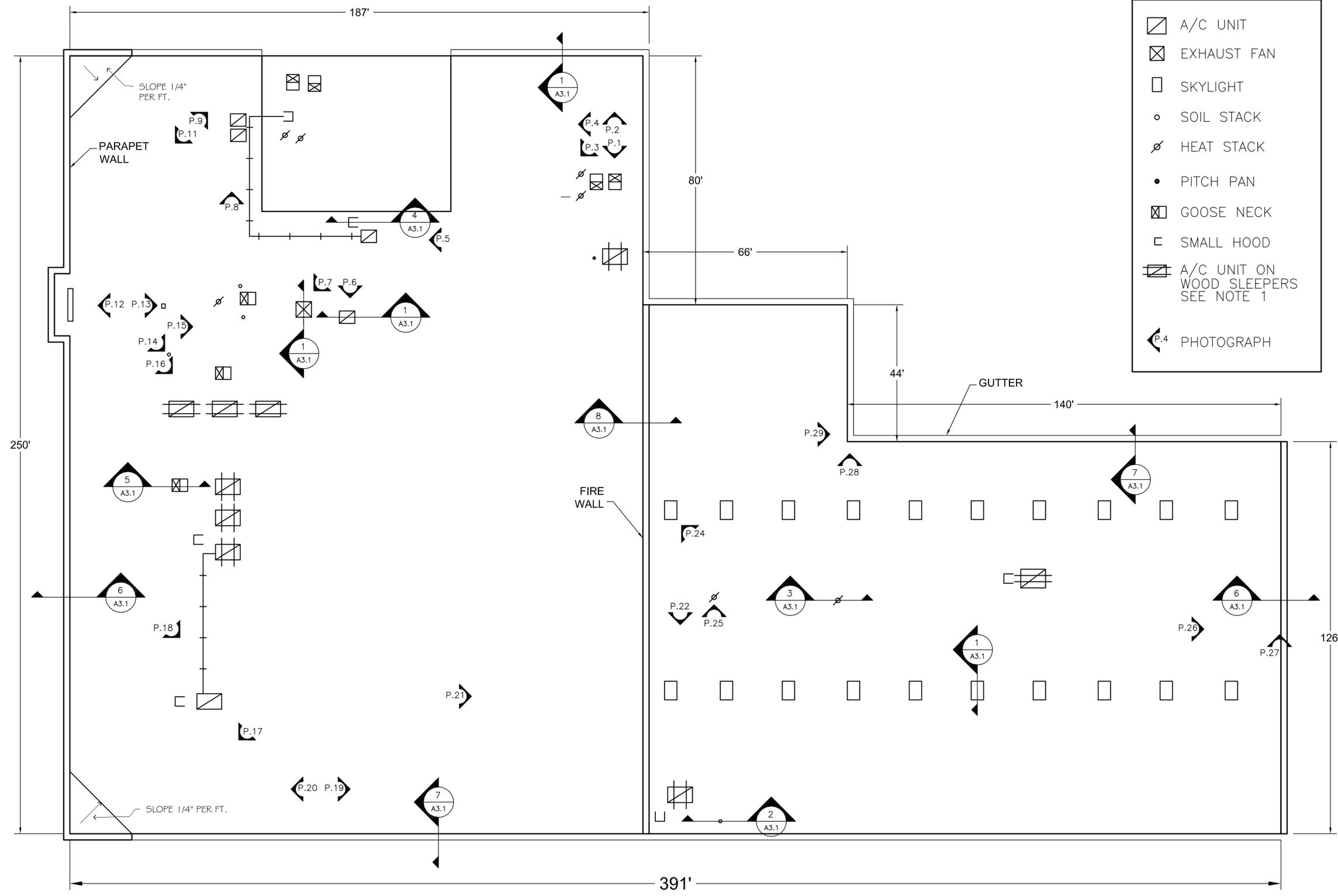
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 for
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A1.1

- NOTES:
1. INSTALL NEW PRESSURE TREATED WOOD SLEEPERS AND PROTECTION PADS UNDER A/C UNITS SETTING ON ROOF AND CONDUIT LINES.
 2. INSTALL 1/4" PER FOOT CRICKETS ON HIGH SIDES OF ALL CURBED PENETRATIONS



LEGEND

- A/C UNIT
- EXHAUST FAN
- SKYLIGHT
- SOIL STACK
- HEAT STACK
- PITCH PAN
- GOOSE NECK
- SMALL HOOD
- A/C UNIT ON WOOD SLEEPERS SEE NOTE 1
- PHOTOGRAPH

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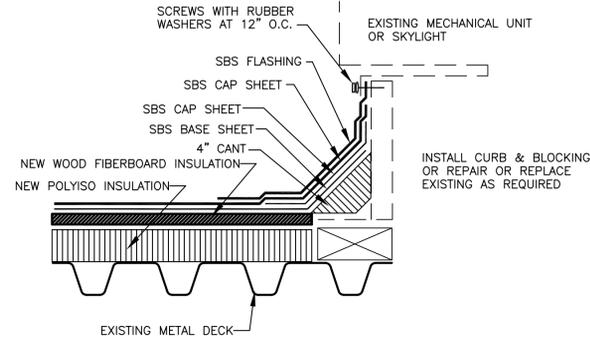
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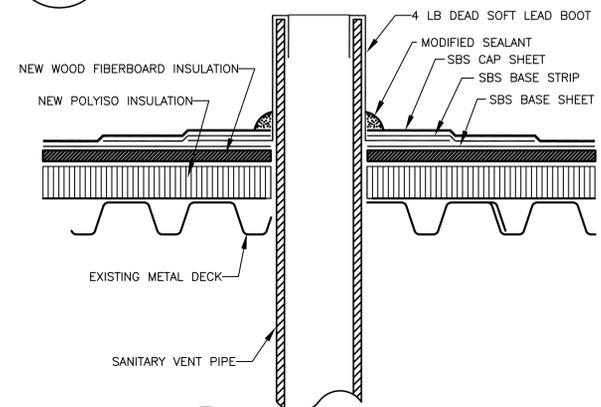
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1 ROOF PLAN
 SCALE: 1/16" = 1'-0"

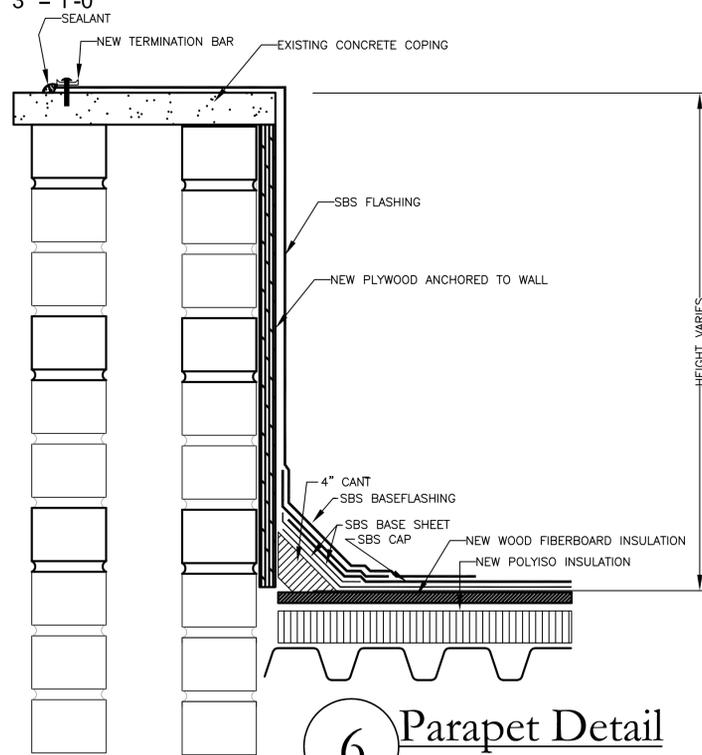
NOTE: RAISE CURBS TO 8" MIN



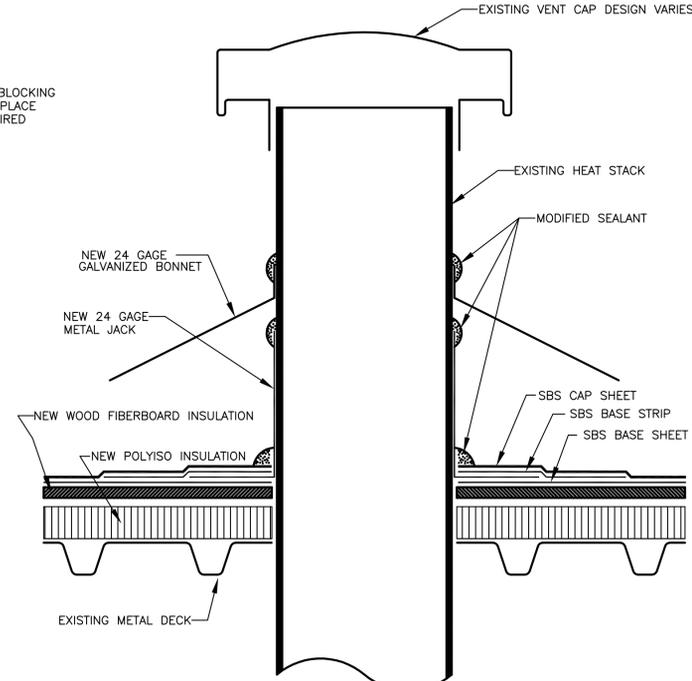
1 Curbed Penetration Detail
SCALE: 3" = 1'-0"



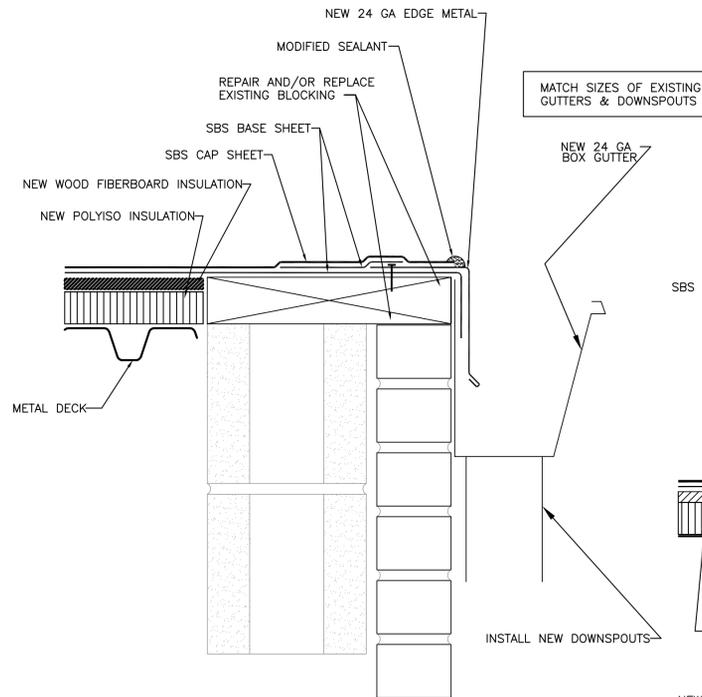
2 Soil Stack Detail
SCALE: 3" = 1'-0"



6 Parapet Detail
SCALE: 3" = 1'-0"

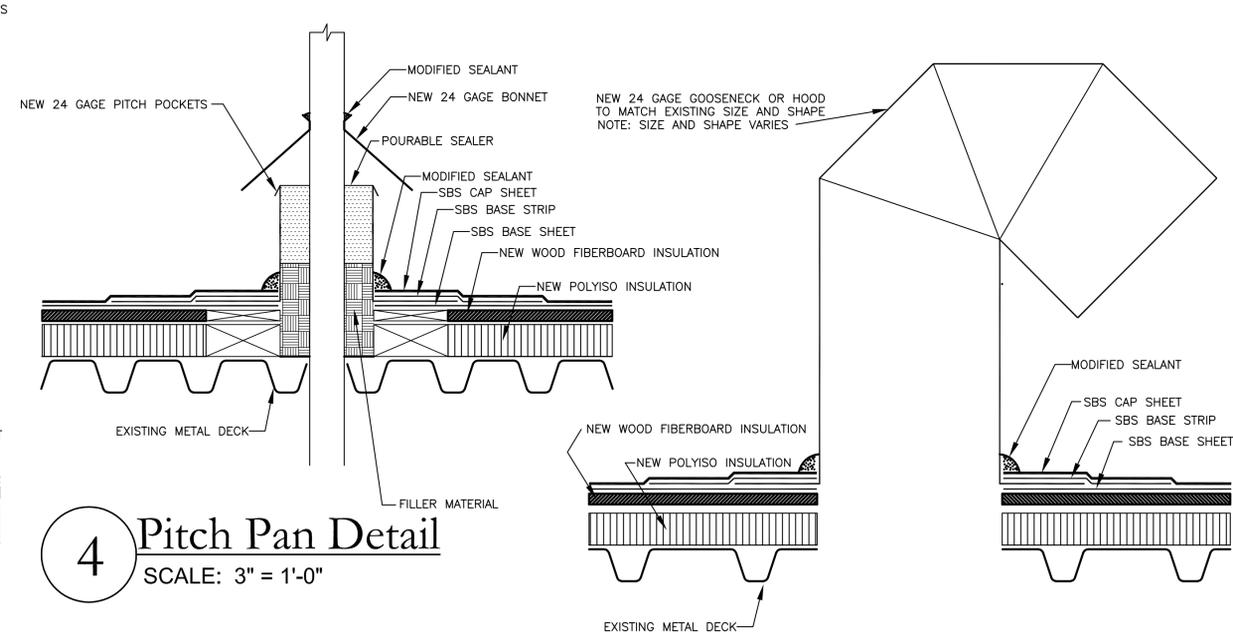


3 Heat Stack Detail
SCALE: 3" = 1'-0"



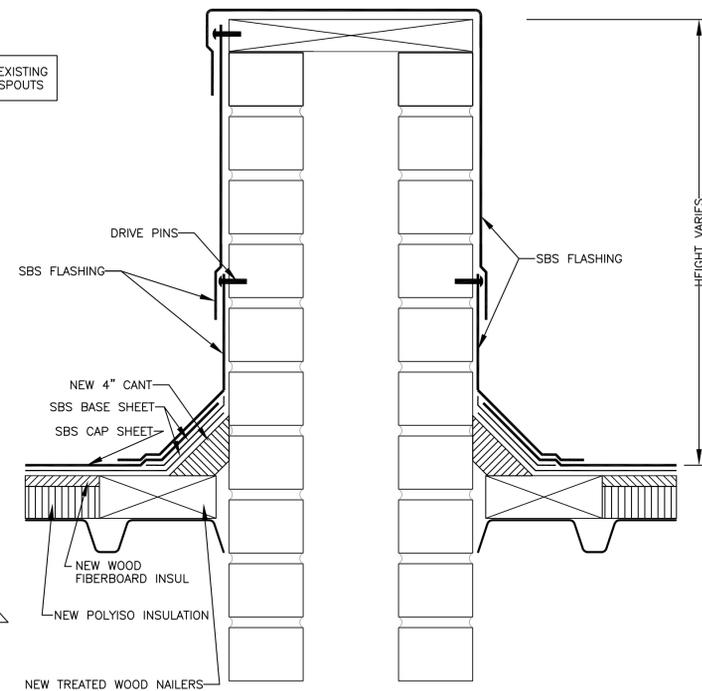
7 Gutter Detail
SCALE: 3" = 1'-0"

NOTE: INSTALL METAL HOODS AT PITCH PANS WHERE HOODS CURRENTLY EXIST



4 Pitch Pan Detail
SCALE: 3" = 1'-0"

5 Goose Neck & Small Hood
SCALE: 3" = 1'-0"



8 Fire Wall Detail
SCALE: 3" = 1'-0"



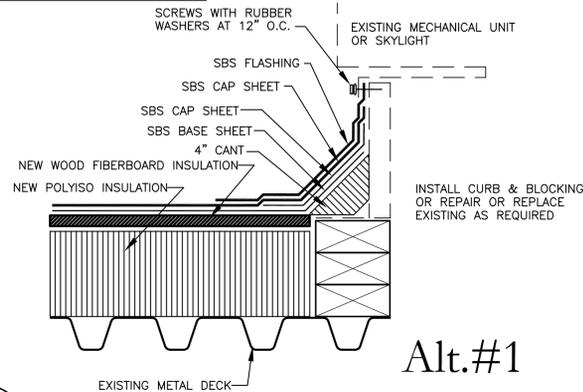
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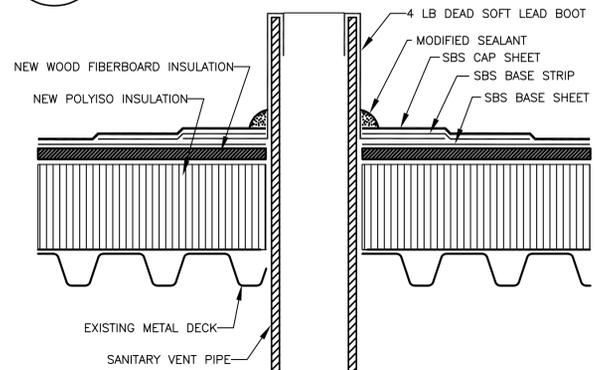
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NOTE: RAISE CURBS TO 8" MIN



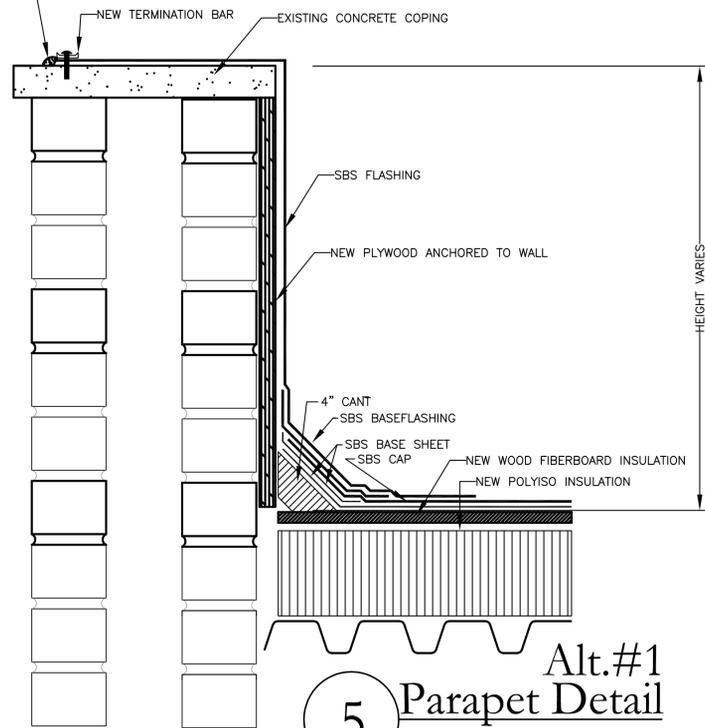
Alt.#1

1 Curbed Penetration Detail
SCALE: 3" = 1'-0"



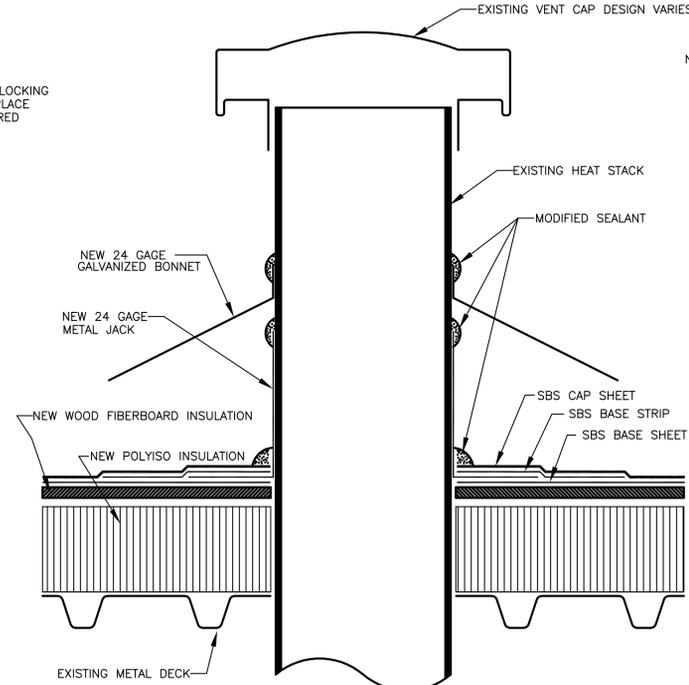
Alt.#1

2 Soil Stack Detail
SCALE: 3" = 1'-0"



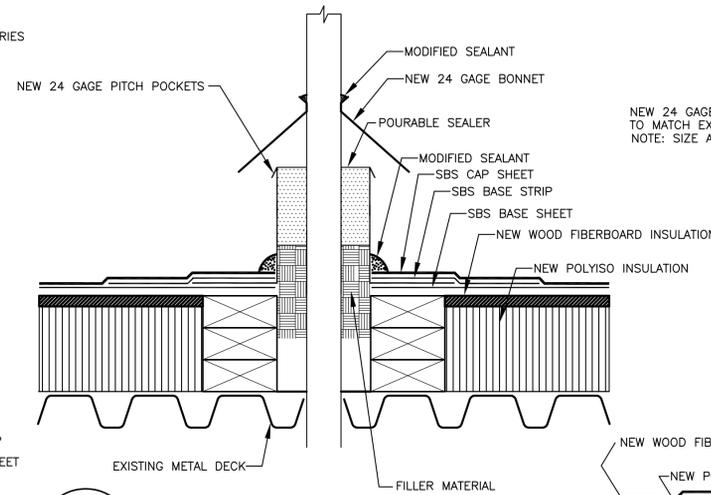
Alt.#1

5 Parapet Detail
SCALE: 3" = 1'-0"

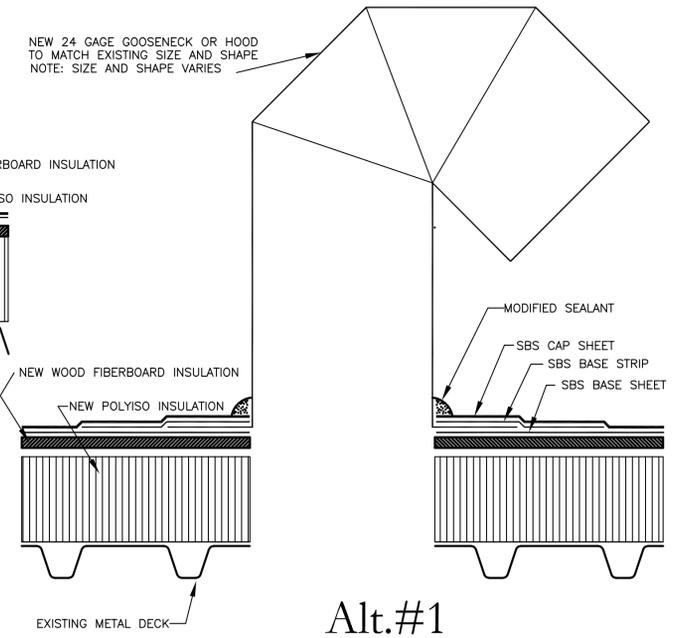


3 Heat Stack Detail Alt.#1
SCALE: 3" = 1'-0"

NOTE: INSTALL METAL HOODS AT PITCH PANS WHERE HOODS CURRENTLY EXIST

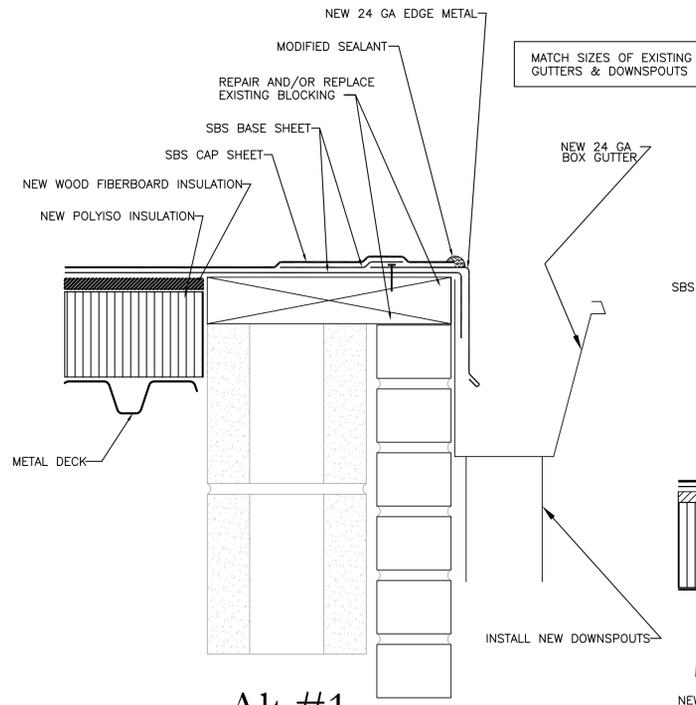


4 Pitch Pan Detail Alt.#1
SCALE: 3" = 1'-0"



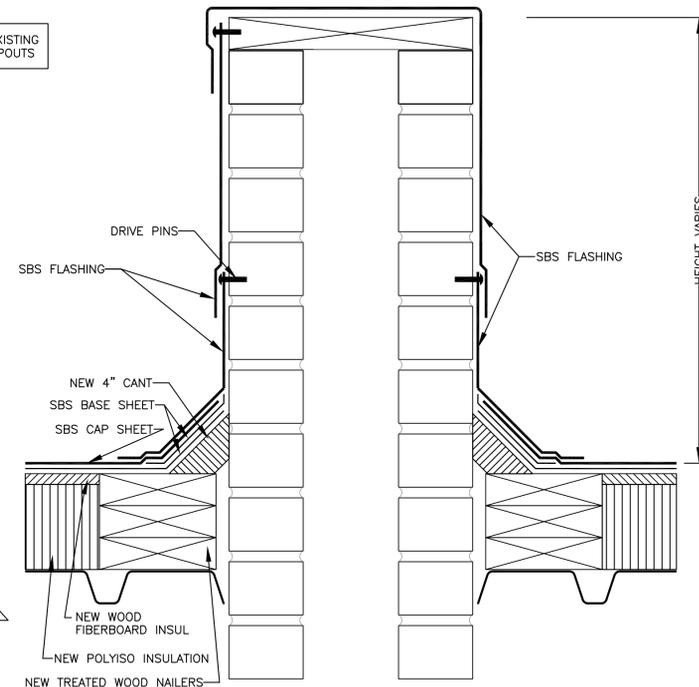
Alt.#1

5 Goose Neck & Small Hood
SCALE: 3" = 1'-0"



Alt.#1

6 Gutter Detail
SCALE: 3" = 1'-0"



7 Fire Wall Detail Alt.#1
SCALE: 3" = 1'-0"

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A3.2



1 Photograph



2 Photograph



3 Photograph



4 Photograph



5 Photograph



6 Photograph



7 Photograph



8 Photograph



9 Photograph



10 Photograph



11 Photograph



12 Photograph



13 Photograph



14 Photograph



15 Photograph



16 Photograph

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17 Photograph



18 Photograph



19 Photograph



20 Photograph



21 Photograph



22 Photograph



23 Photograph



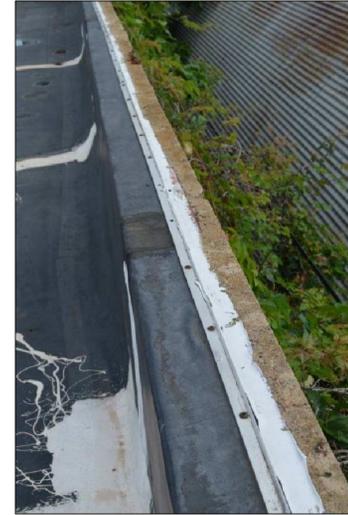
24 Photograph



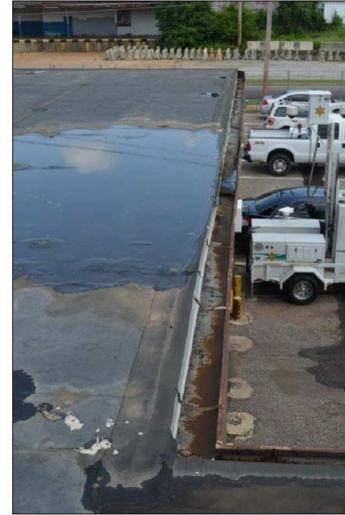
25 Photograph



26 Photograph



27 Photograph



28 Photograph



29 Photograph

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