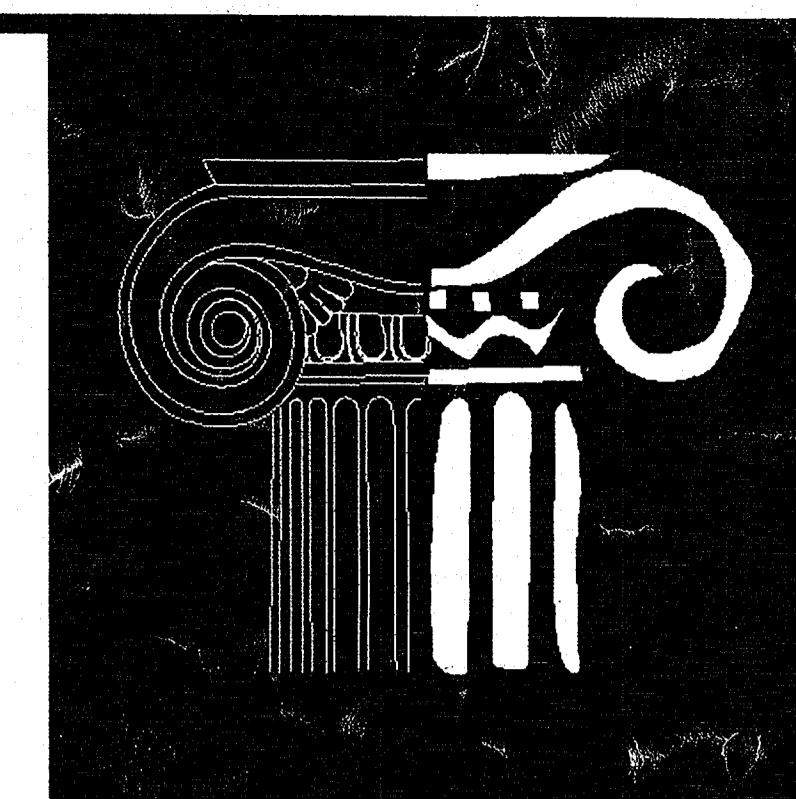


Project:

DOUGHERTY INTERNATIONAL EDUCATIONAL
MIDDLE SCHOOL REROOFING PROJECT, 11-FAC-010,
ALBANY, GEORGIA - 1101

Index of Drawings:

- A1 - ROOF PLAN
- A2 - ROOF DETAILS
- A3 - ROOF DETAILS
- A4 - ROOF DETAILS


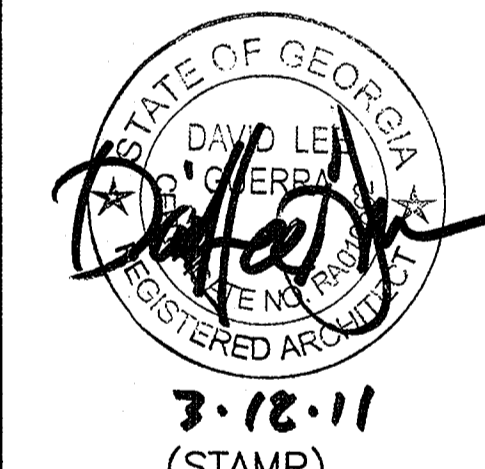


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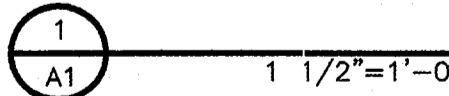
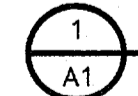
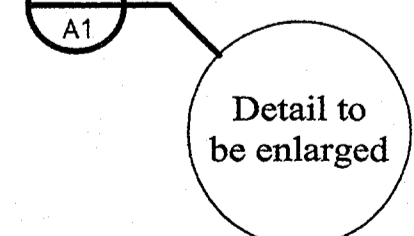



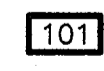



DOUGHERTY COUNTY BOARD OF EDUCATION
200 PINE AVENUE
ALBANY, GEORGIA 31701

NAME OF SCHOOL:	DOUGHERTY INTERNATIONAL EDUCATION MIDDLE SCHOOL
NAME OF SYSTEM:	DOUGHERTY COUNTY BOARD OF EDUCATION
NAME OF ARCHITECT:	SRJ ARCHITECTS INC.
FTE:	553
TOTAL NUMBER OF INSTRUCTIONAL UNITS:	48
FACILITY CODE:	3052
BUILDING NO:	4010, 4011, 4030


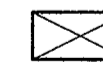





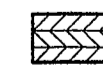


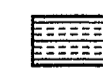










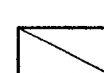

#6320

<p>"THIS IS A TRUE COPY OF PLANS SUBMITTED TO AND APPROVED BY THE FIRE MARSHAL, CONSTRUCTION PERMIT NO. _____"</p> <p>(SIGNED)  ARCHITECT</p>	 <p>3-18-11 (STAMP)</p>
--	--

Detail Key Symbols:

-  1 1/2"=1'-0"
-  Detail Mark
-  Detail to be enlarged
-  Section Mark
-  Enlarged Detail
-  Door Number
-  Space Number
-  Enlarged Plan Mark
-  Interior Elevation Marker
-  Window Type

Material Symbols:

- | | | |
|--|---|---|
|  CONCRETE (SECTION) |  ROUGH FRAMING CONT. |  GYPSUM SHEATHING |
|  CONCRETE (PLAN VIEW) |  SOLID FINISH WOOD |  PLASTER / STUCCO |
|  MORTAR/GROUT |  PLYWOOD |  EARTH |
|  SAND |  ACOUSTICAL PANEL |  SOUND DEADENING BOARD |
|  P.E.J./BACKING ROD |  CMU/TILE |  E.I.F.S. / RIGID INSULATION |
|  METAL |  FIBERGLASS INSULATION |  BRICK |
|  METAL |  WEEP |  SHEATHING |
|  ROUGH BLOCKING |  GYPSUM BOARD | |

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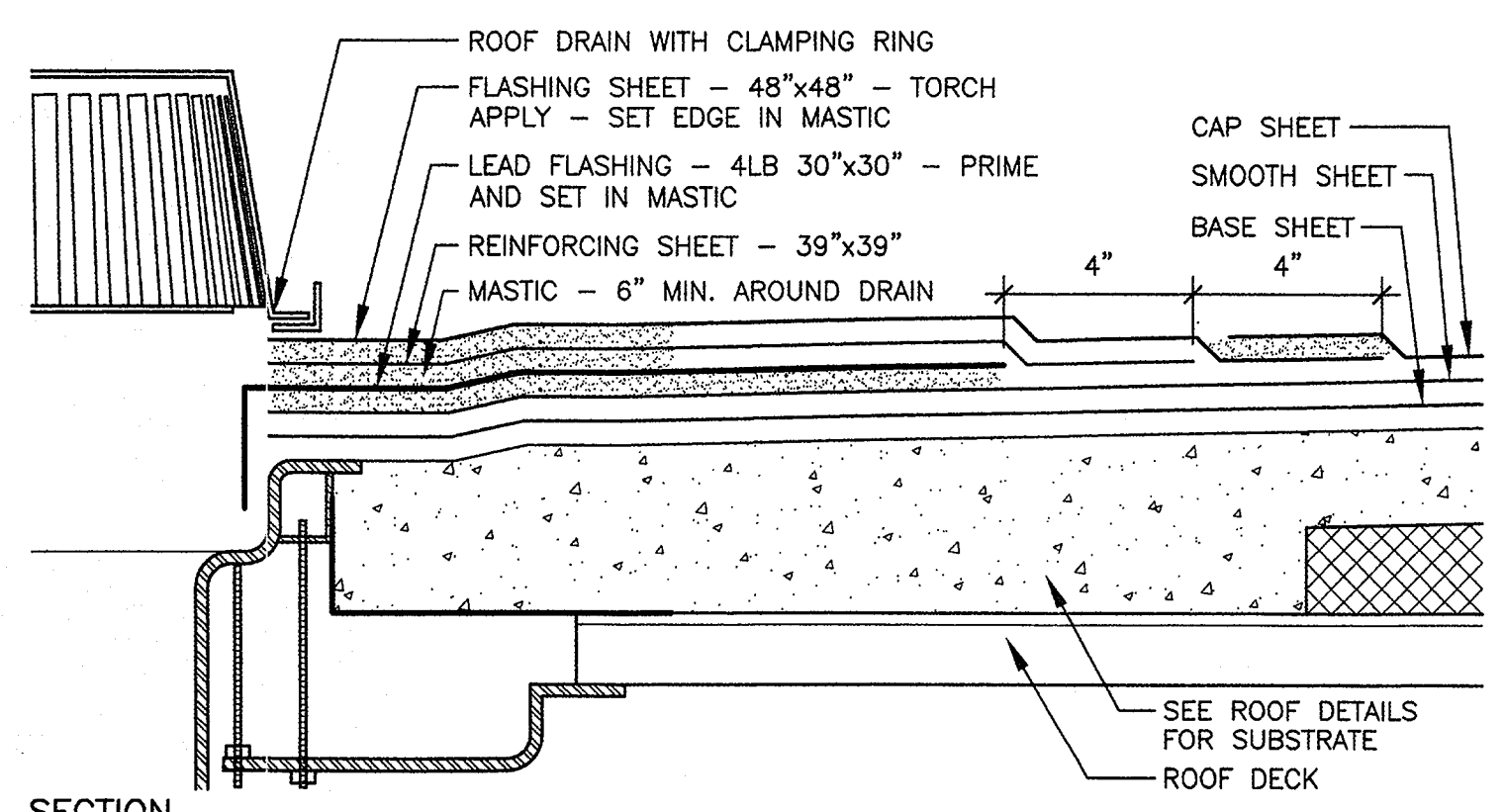
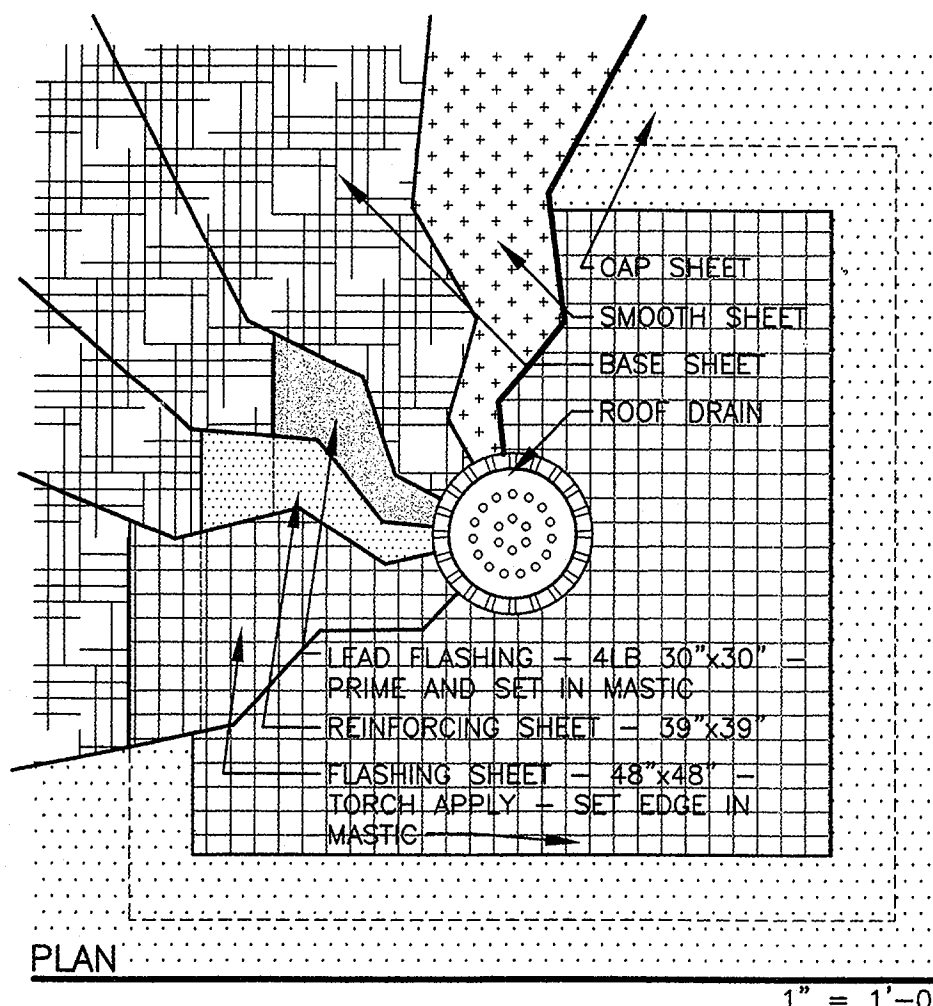
1108 Maryland Drive, Albany, GA 31707
Ph.: 229.436.9877, Fax: 229.438.0370

Mackey R. Saunders, AIA • Michael A. Johnson, AIA • Bruce W. Richards, AIA
David L. Guerra, AIA • Sonya D. Spalinger, AIA • Rodney B. Varnadoe, Associate

1101

DOUGHERTY INTERNATIONAL
EDUCATION MIDDLE SCHOOL
REROOFING PROJECT, 11-FAC-010,
ALBANY, GEORGIA - 1101

Set No.
5



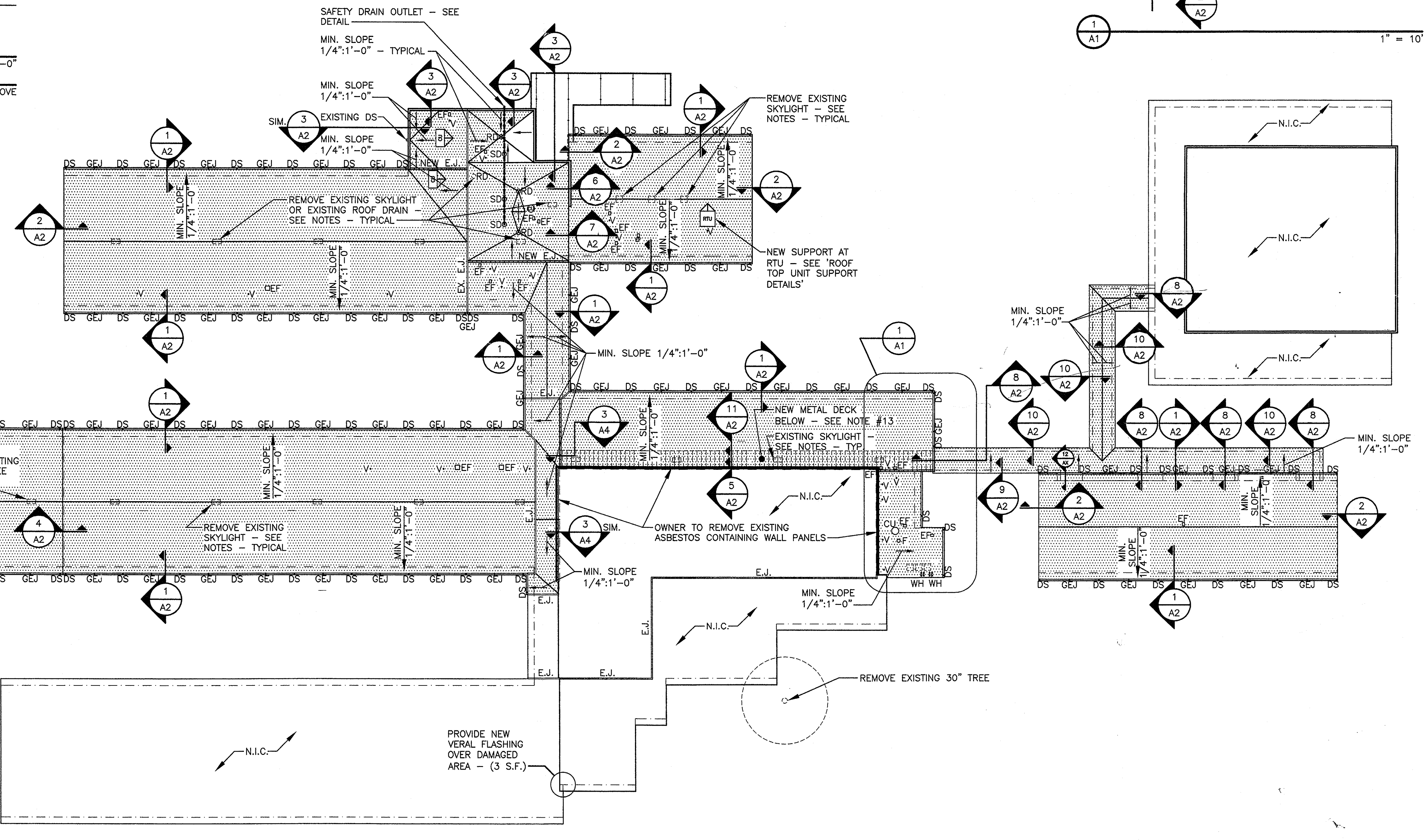
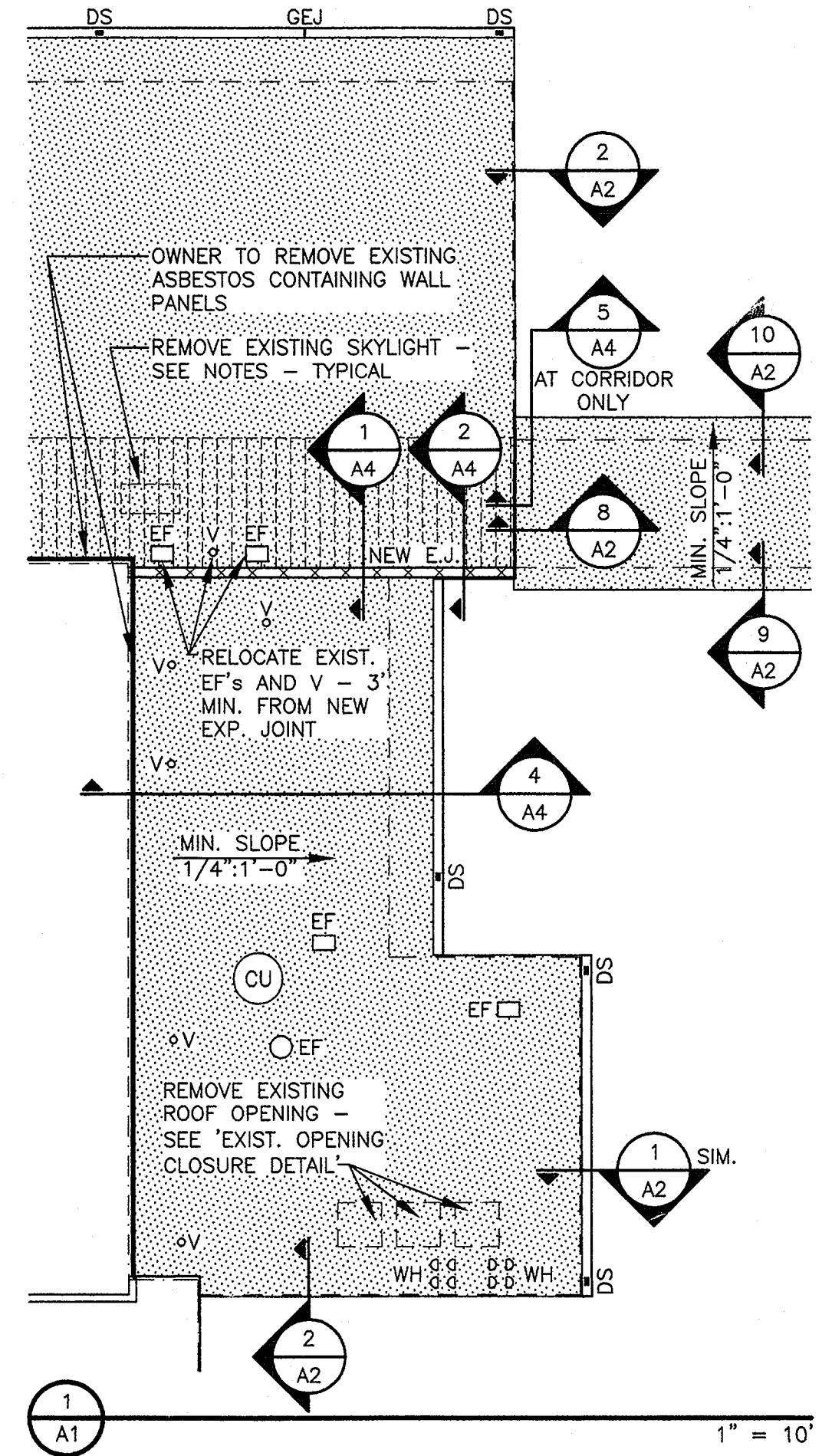
TYPICAL ROOF DRAIN
3" = 1'-0"

ROOF PLAN LEGEND

- CU - EXISTING CURBED HVAC UNIT - SEE CURB DETAILS
- RD - NEW ROOF DRAIN - SEE DETAILS
- SD - NEW SAFETY DRAIN - SEE DETAILS
- EF - EXISTING EXHAUST FAN - SEE CURB DETAILS
- V - EXISTING VENT THRU ROOF - SEE DETAIL
- EX. E.J. - EXISTING ROOF EXPANSION JOINT - SEE DETAIL
- NEW E.J. - NEW ROOF EXPANSION JOINT - SEE DETAIL
- DS - NEW DOWNSPOUT - SEE DETAIL
- GEJ - NEW FASCIA/GUTTER EXPANSION JOINT - SEE DETAILS
- AREA IN CONTRACT

GENERAL NOTES

1. WHERE NEW ROOFING IS INDICATED REMOVE LOOSE EXISTING ROOFING GRAVEL BALLAST, INCLUDING BUT NOT LIMITED TO, FLASHINGS AND GRAVEL STOPS. PROVIDE NEW INSULATING CONCRETE AND NEW ROOF MODIFIED BITUMEN SYSTEM AS INDICATED. PROVIDE ROOF EDGE, FASCIA TRIM, SOFFIT PANELS, GUTTERS, DOWNSPOUTS, FLASHINGS, PITCH PANS AND ALL ASSOCIATED ROOFING COMPONENTS IN ALL AREAS.
2. PROVIDE A MINIMUM 1/4":12" SLOPE ON INSULATING CONCRETE SUBSTRATE, UNLESS NOTED OTHERWISE. REFER TO PLAN FOR SLOPE DIRECTIONS. EXISTING CONDITIONS MAY REQUIRE ADDITIONAL MANIPULATION OF SLOPE THE TO PROVIDE POSITIVE DRAINAGE FROM ALL AREAS.
3. REMOVE EXISTING ROOF DRAIN AT ADMINISTRATION AND REPLACE WITH NEW DRAINS AT NEW LOCATIONS. PROVIDE ADDITIONAL FRAMING AS DETAILED TO SUPPORT NEW DRAINS AT NEW LOCATIONS. PROVIDE SAFETY DRAINS WHERE SHOWN. NEW ROOF DRAINS ARE TO BE CONNECTED TO EXISTING DRAIN PIPING ABOVE CEILING. INSULATE PIPING AND DRAIN WITH 1 1/2" F4 PIPE INSULATION. MINIMUM SLOPE: 1/8" PER FOOT. ROOF DRAIN ASSEMBLY SHALL BE JOSAM 21000-3-4-26 OR EQUAL BY WATTS OR MIFAB. INSTALL FLASHING COLLAR OR FLANGE SO THAT THERE WILL BE NO LEAKAGE BETWEEN DRAIN AND ADJOINING ROOFING. DRAIN PIPING SHALL BE SCHEDULE 40 PVC; SIZE AS INDICATED. SAFETY DRAIN PIPING SHALL BE 4" DIAMETER FOR HORIZONTAL AND VERTICAL PIPING. HORIZONTAL PIPING SHALL SLOPE A MINIMUM OF 1/8" PER FOOT. SEE "TYPICAL SAFETY DRAIN" DETAIL.
4. PROVIDE METAL HOODS, PITCH PANS AND VENT FLASHING AT ALL LINE PENETRATIONS. SEE "TYPICAL HOODED PITCH PAN" AND "TYPICAL PLUMBING VENT FLASHING" DETAILS. COORDINATE WITH OTHER TRADES TO INSTALL ANY ROOF PENETRATIONS PRIOR TO ROOFING.
5. VENT WOOD BLOCKING AT EDGES WITH 1/2"x1/2" GROVES CUT IN AT 24" O.C.
6. LOCATIONS, QUANTITY AND SIZES OF ROOF PENETRATIONS AND ROOF MOUNTED ITEMS ARE APPROXIMATE. FIELD VERIFY.
7. WHERE SKYLIGHTS, OR OTHER ROOF OPENINGS, ARE INDICATED TO BE REMOVED, SEE 'EXIST. OPENING CLOSURE DETAIL'. PROVIDE NEW A.P. CEILING SYSTEM IN SPACE BELOW TO MATCH EXISTING.
8. CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION AND TRENCHING. ALL LAWNS, UTILITIES, WALKS, DRIVES, TREES, LANDSCAPING, OR BUILDINGS DESIGNATED TO REMAIN, WHICH ARE DAMAGED BY CONTRACTORS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER. RESEED ANY PREVIOUSLY GRASSED AREAS DAMAGED BY CONSTRUCTION AND AT AREAS WHERE WORK IS REMOVED.
9. AT TREES INDICATED TO REMAIN, CUT LIMBS AS NECESSARY TO PROVIDE A MINIMUM 6' CLEARANCE FROM BUILDINGS, 20' MINIMUM CLEARANCE ABOVE ROOF LINES, AND 10' MINIMUM CLEARANCE ABOVE FINISH GRADE. LIMBS SHALL BE CUT AT MAIN JOINTS OF LIMBS. CUT LIMBS TO BE REMOVED BY CONTRACTOR. FIELD VERIFY PRIOR TO BID.
10. REMOVE AND PROPERLY DISPOSE OF TREES INDICATED TO BE REMOVED ON PLAN. TRUNKS AND ROOTS SHALL BE REMOVED 12" BELOW EXISTING GRADE. FILL WITH TOPSOIL, COMPACT AND SEED DISTURBED AREA. AREA INDICATED IS APPROXIMATE.
11. EXISTING EXPANSION JOINTS, ROOF CURBS AND VENTS SHALL BE EXTENDED TO PROVIDE PROPER CLEARANCE ABOVE NEW ROOF SYSTEM. SEE DETAILS
12. REMOVE AND REINSTALL EXISTING CURBED HVAC UNITS AND EXHAUST FANS TO EXTENDED CURBS. WORK TO BE DONE BY CERTIFIED MECHANICAL AND ELECTRICAL CONTRACTORS.
13. PROVIDE NEW DECKING OVER EXISTING AS DETAILED.
14. SOME AREAS OF THE EXISTING INSULATION THAT IS TO REMAIN IS DETERIORATED AND SHALL BE REPLACED WITH PERLITE MATCHING THE THICKNESS AS EXISTING. PROVIDE AN ALLOWANCE OF 1.200 S.F..



ROOF PLAN
1" = 30'



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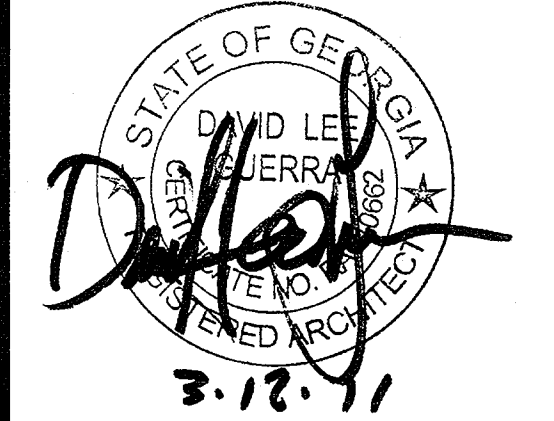
1108 Maryland Drive
Albany, Georgia 31707

Phone 229-436-9877
Fax 229-438-0370

www.srjarchitects.com

PROJECT:
DOUGHERTY INTERNATIONAL EDUCATIONAL MIDDLE SCHOOL
REROOFING PROJECT,
11-FAC-010,
ALBANY, GEORGIA - 1101

OWNER:
DOUGHERTY COUNTY BOARD OF EDUCATION
200 PINE AVENUE
ALBANY, GEORGIA 31701



PROJECT NO.:
1101
DATE:
MARCH 18, 2011
JOB CAPTAIN:
D. GUERRA
DRAWN BY:
P. PARKER

SHEET NO.:
A1
OF 4 SHEETS



**SRJ
Architects
Inc.**

1108 Maryland Drive
Albany, Georgia 31707

Phone 229-436-9877
Fax 229-438-0370

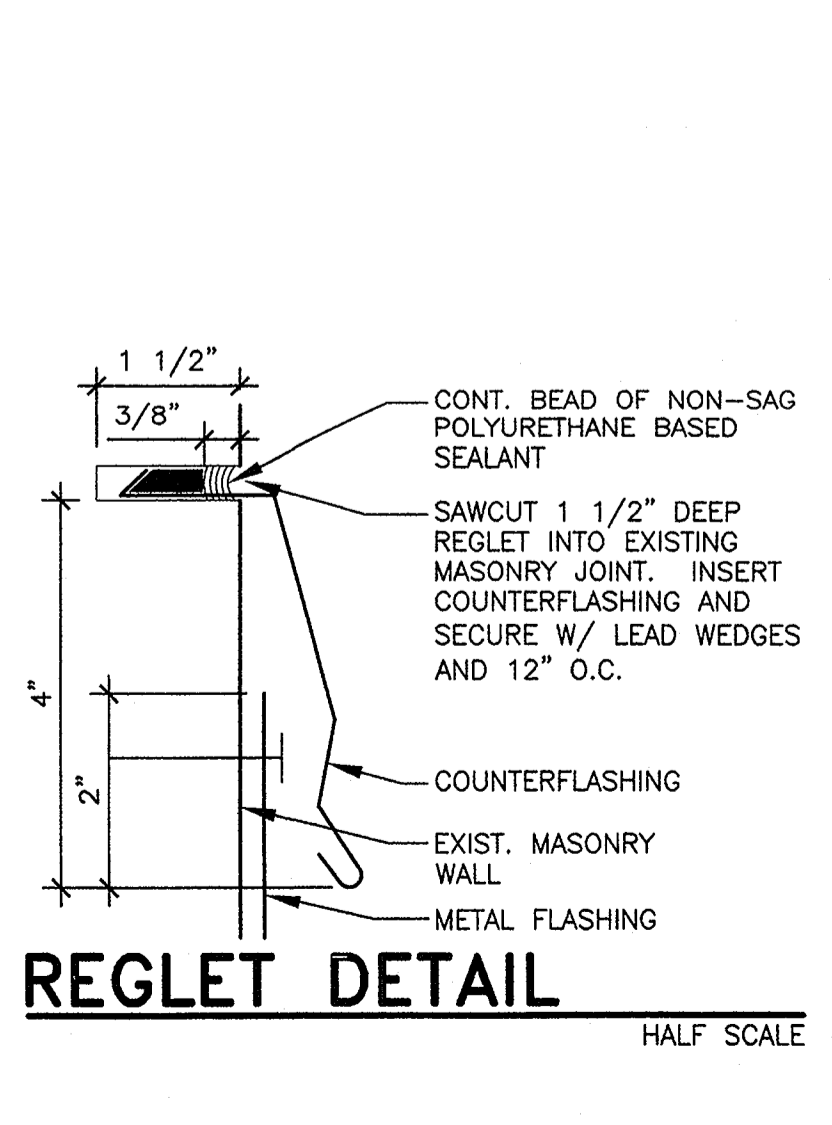
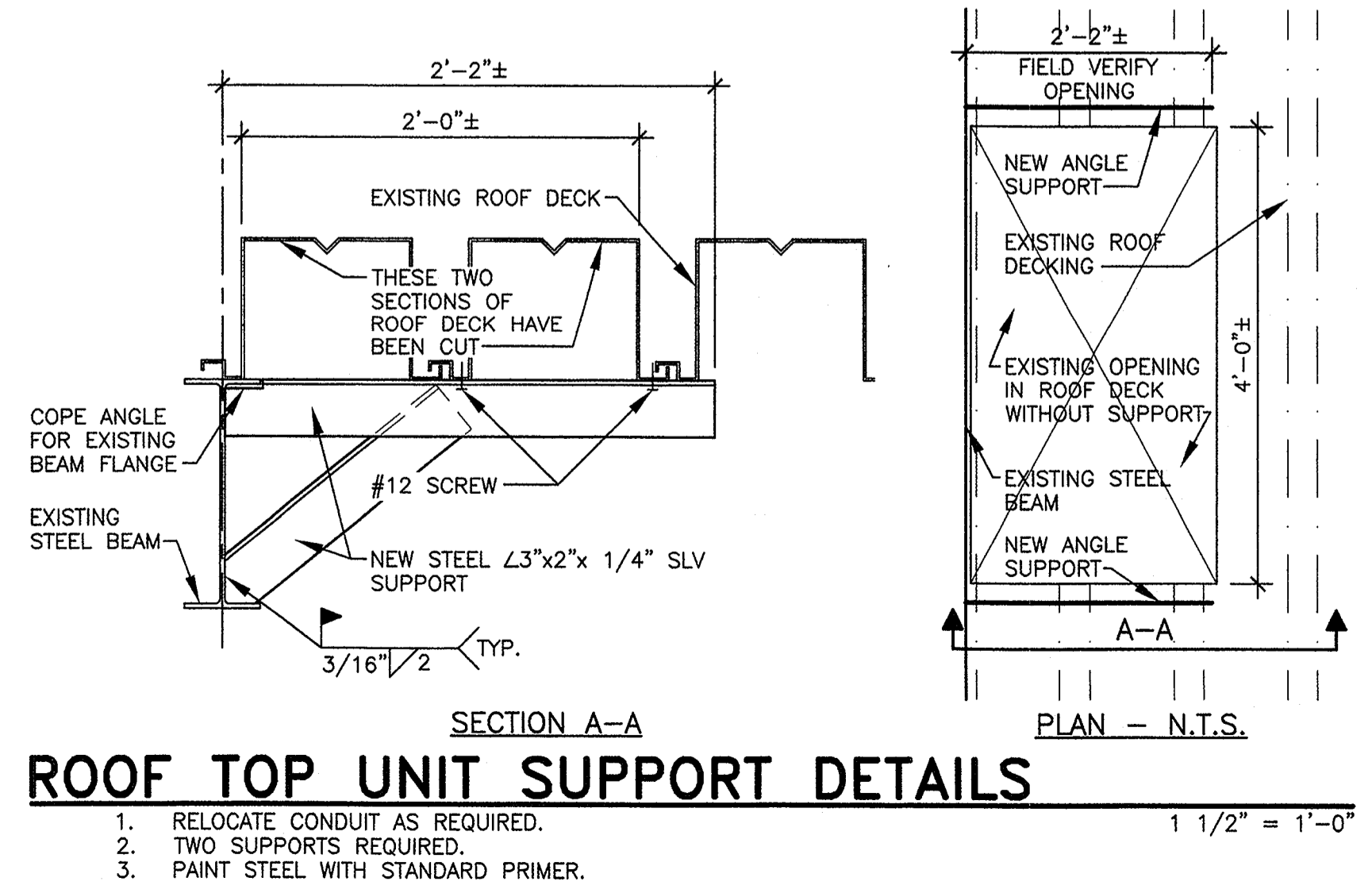
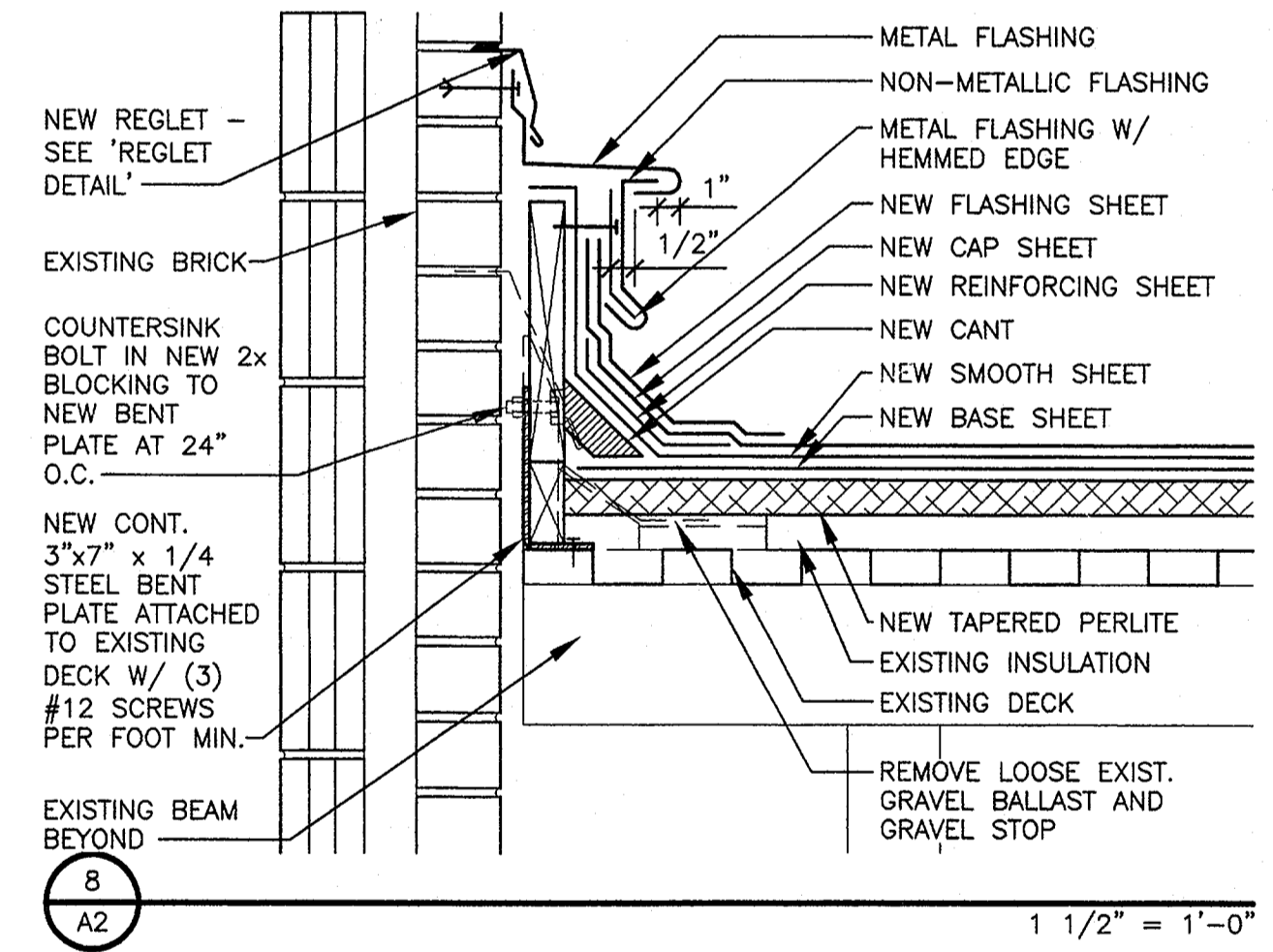
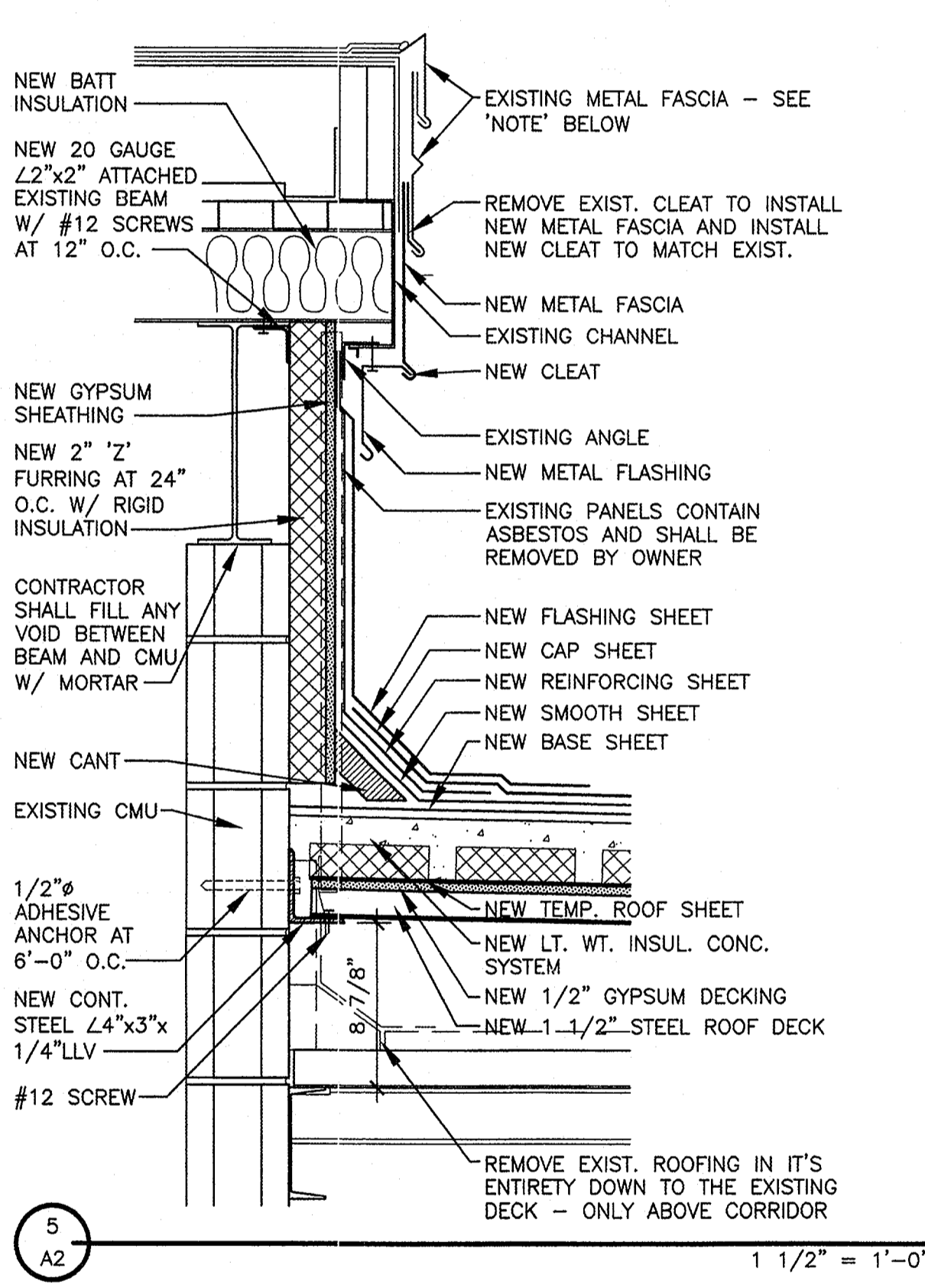
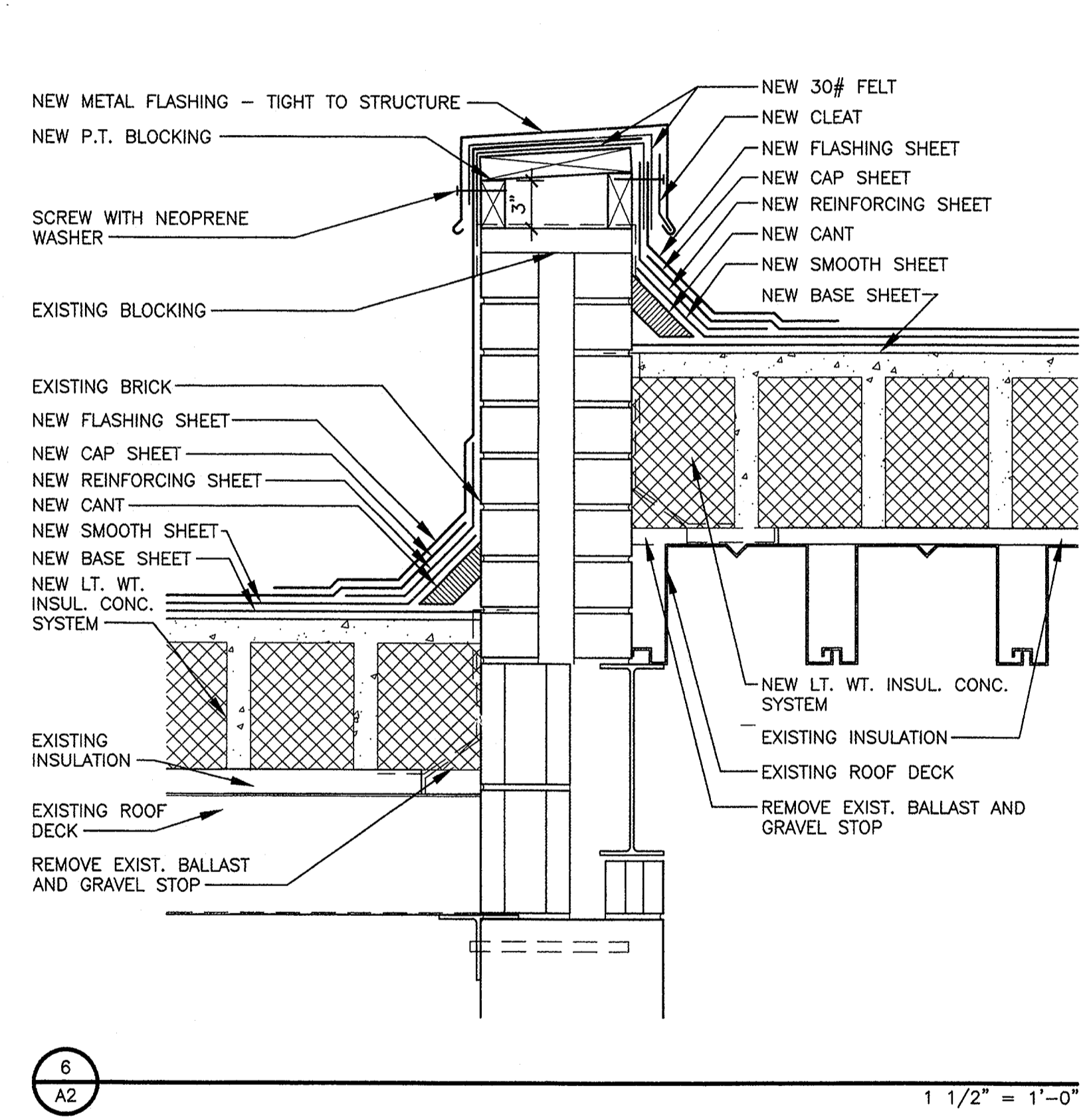
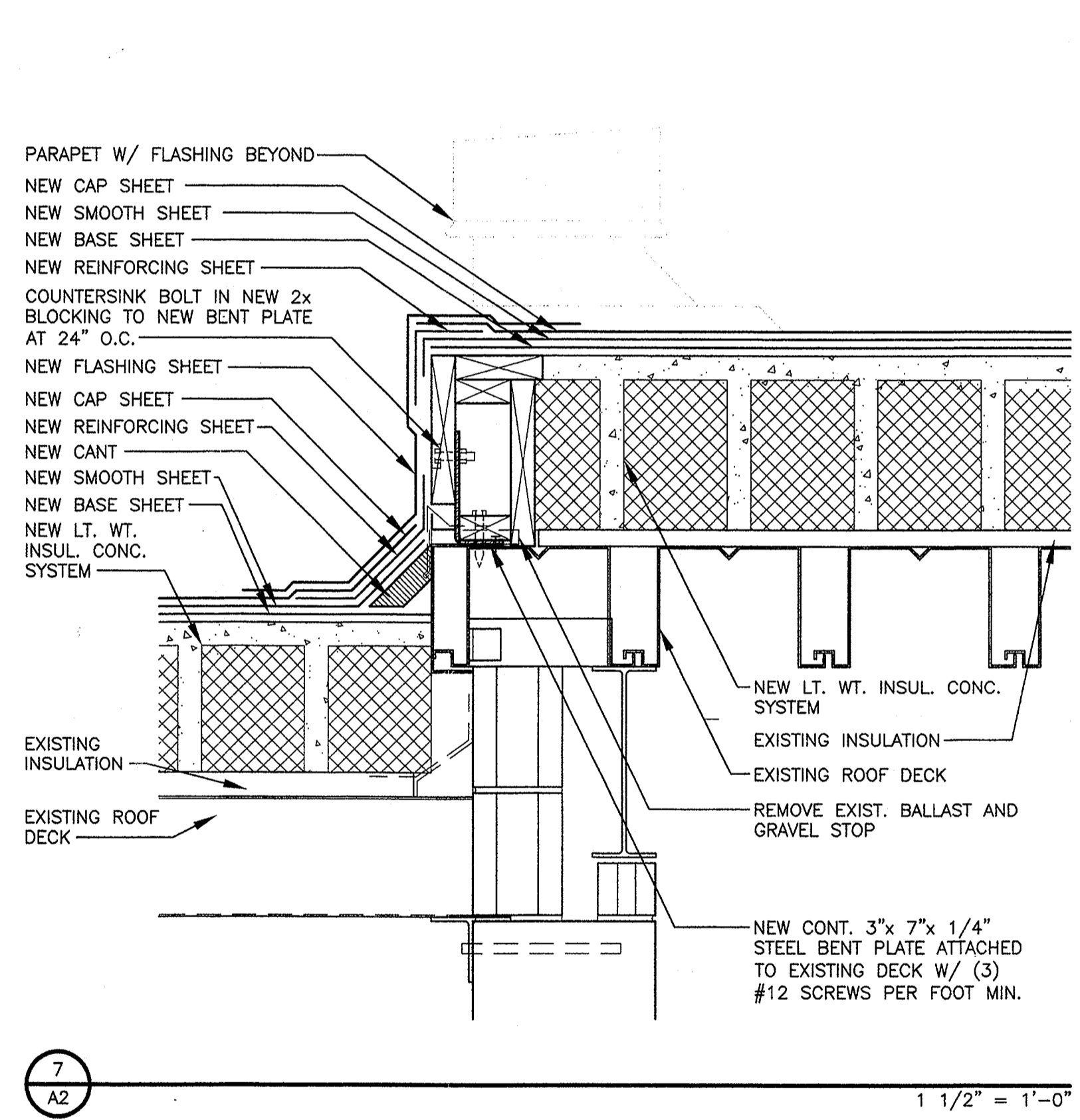
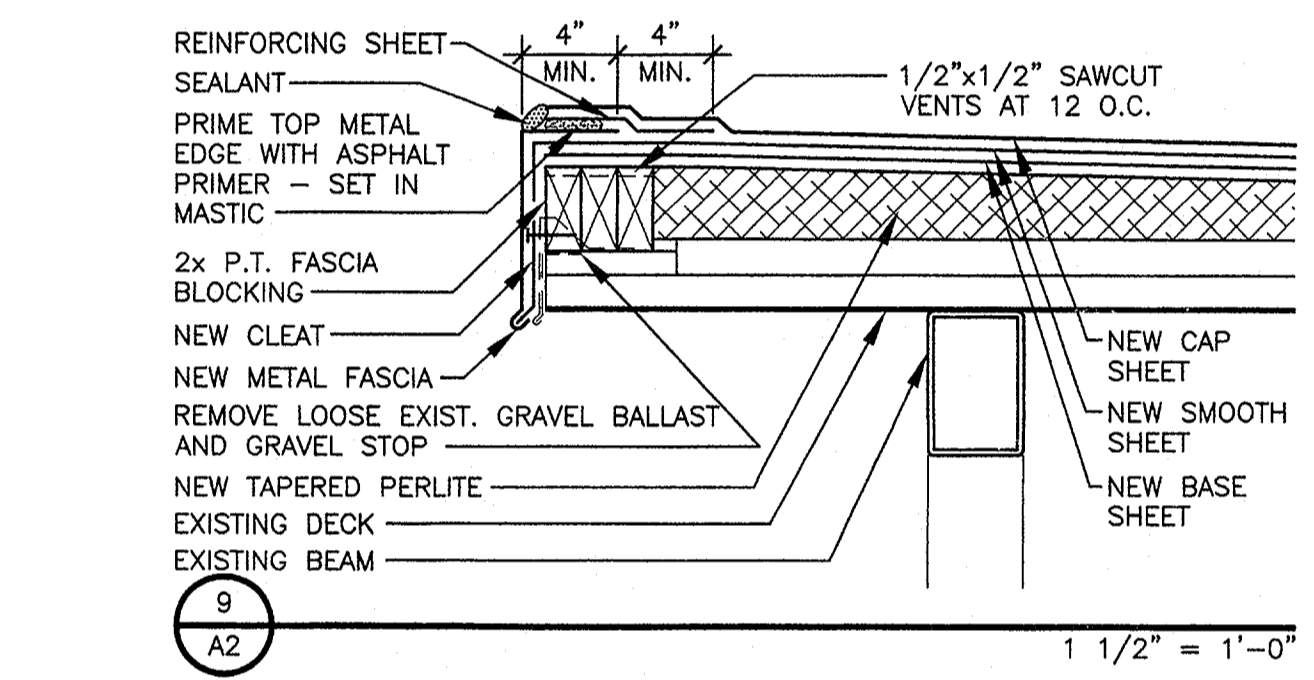
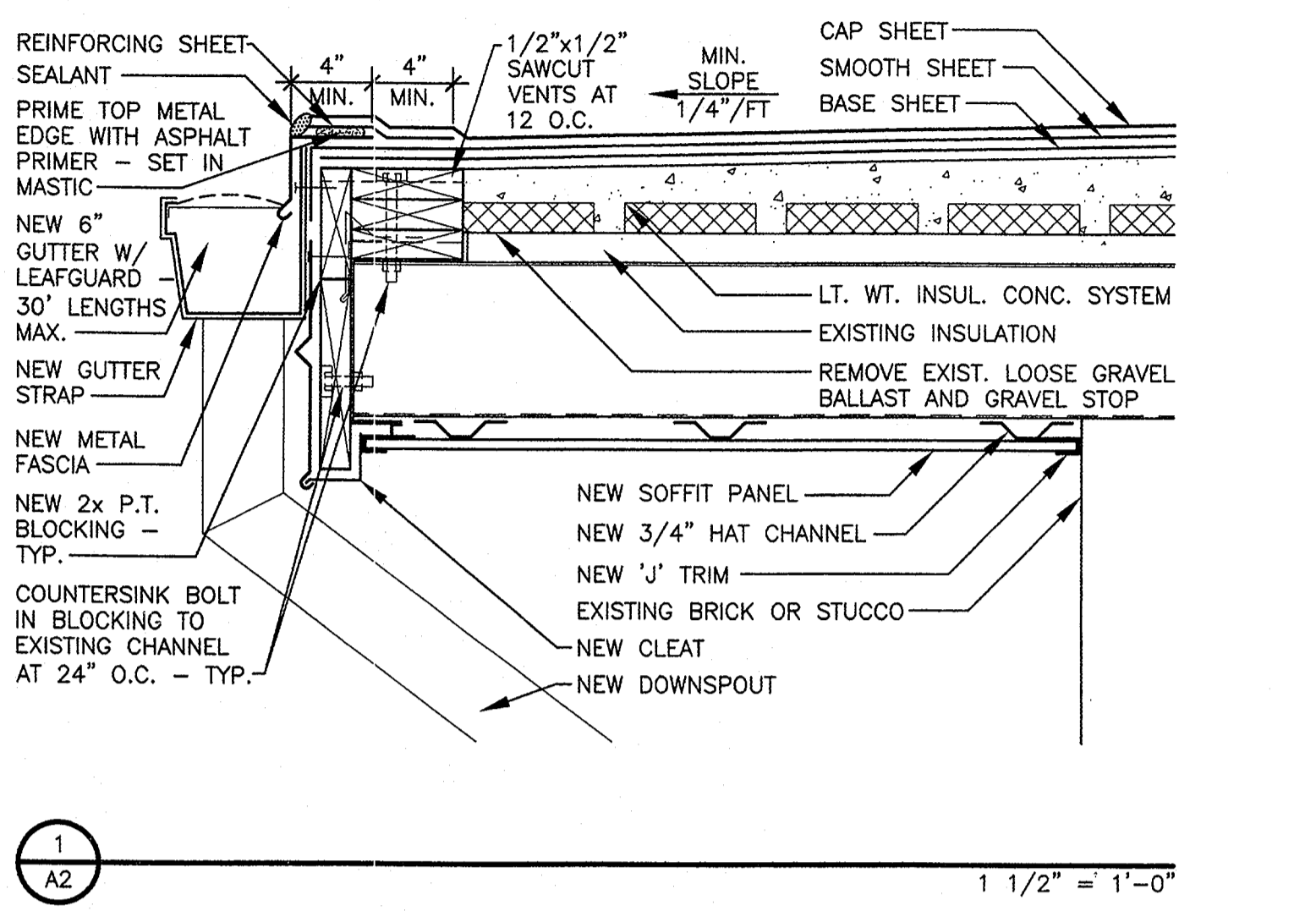
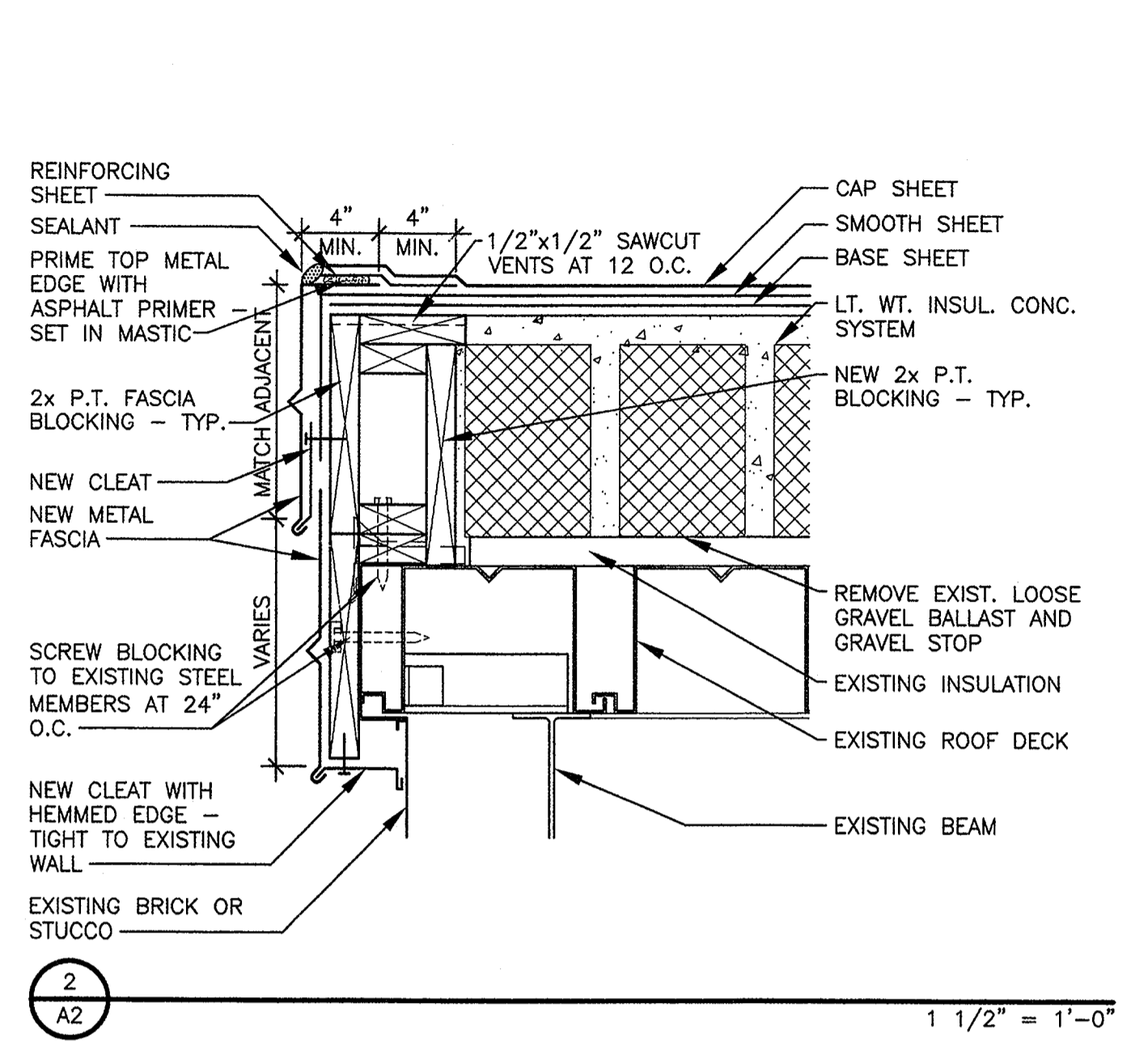
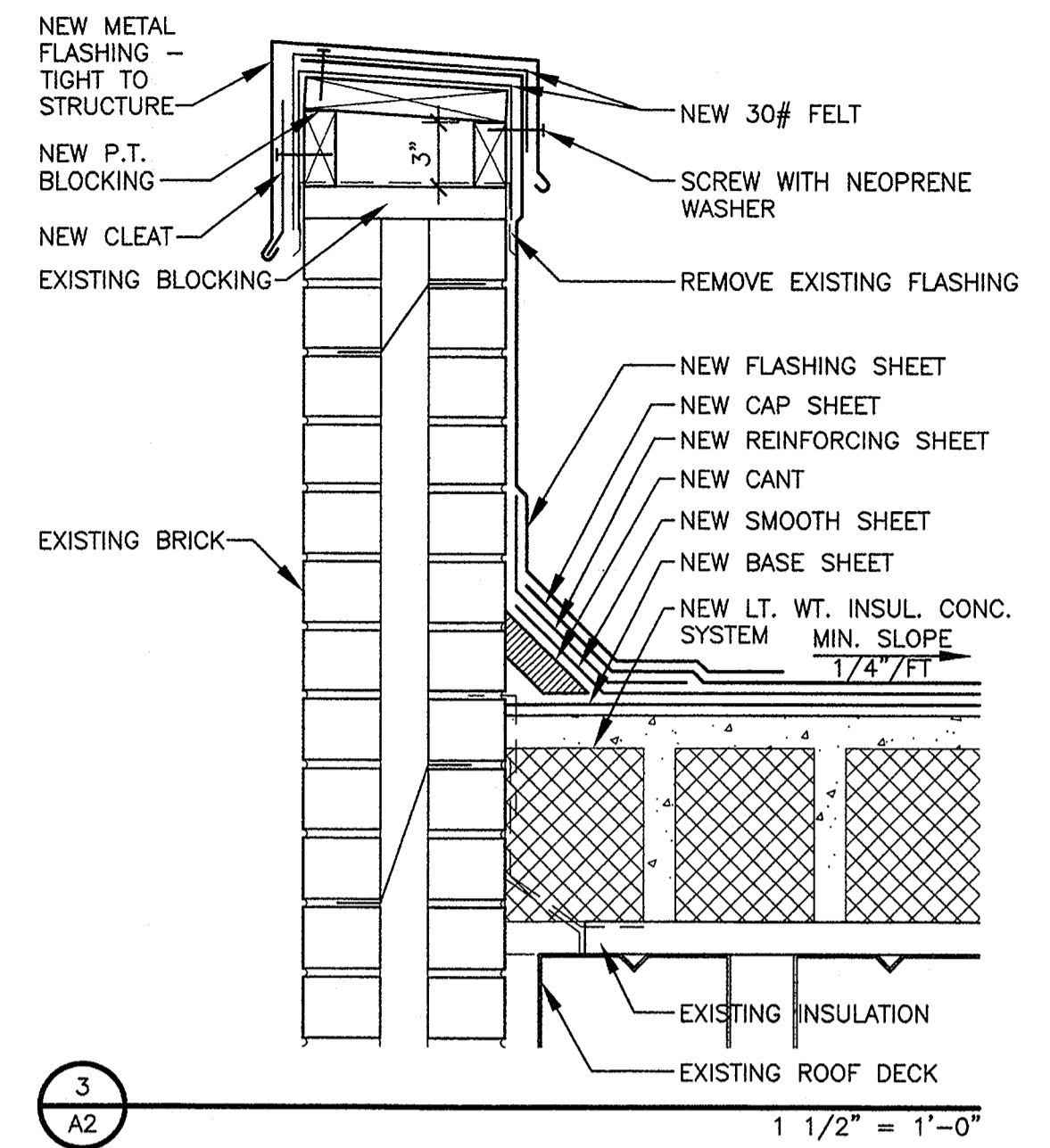
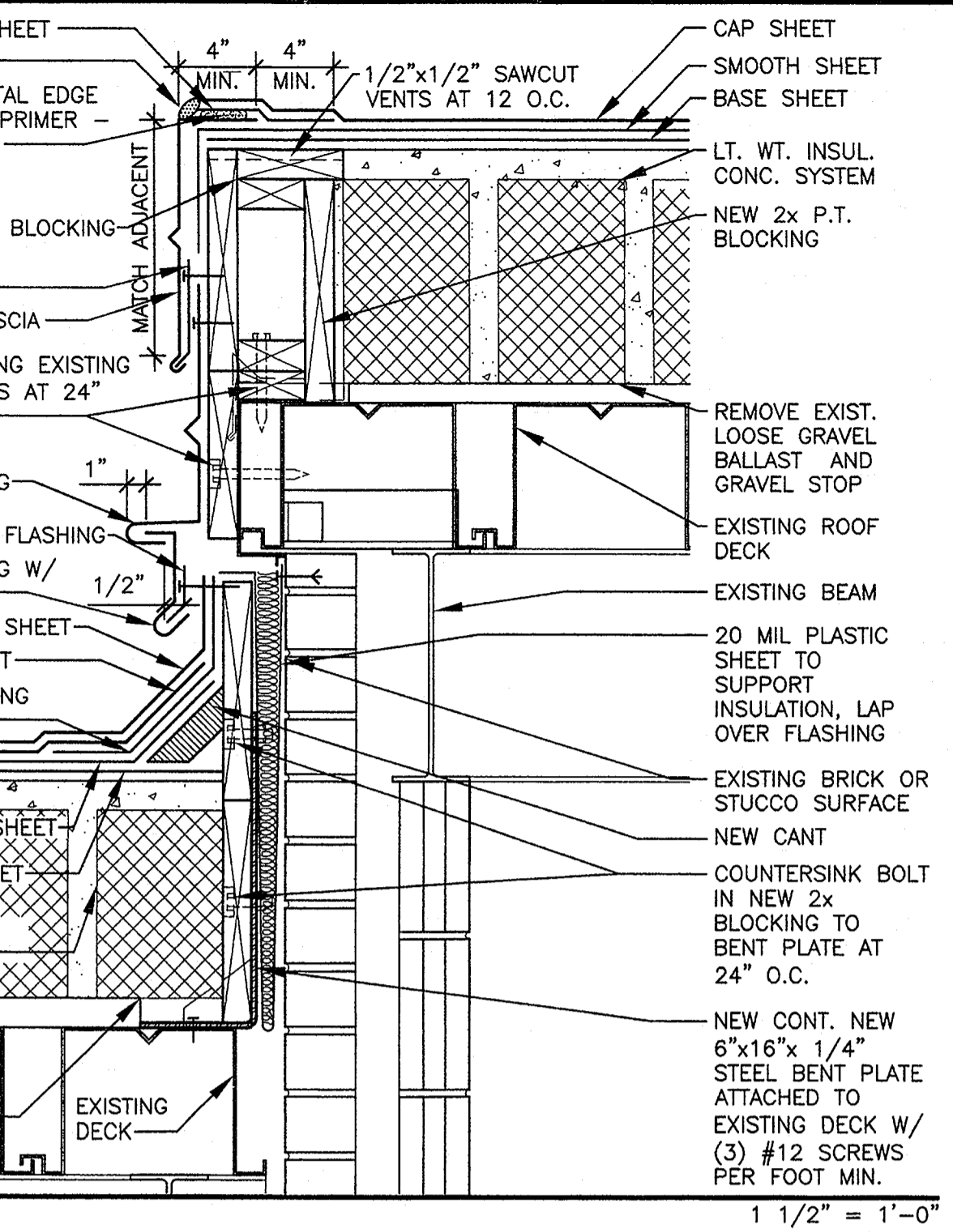
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PROJECT:

DOUGHERTY
INTERNATIONAL
EDUCATIONAL
MIDDLE SCHOOL
REEROOF PROJECT,
11-FAC-010,
ALBANY, GEORGIA - 1101

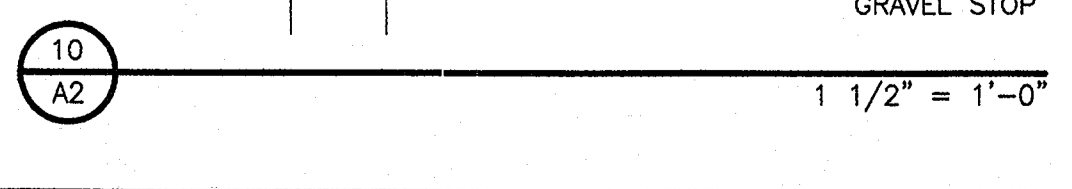
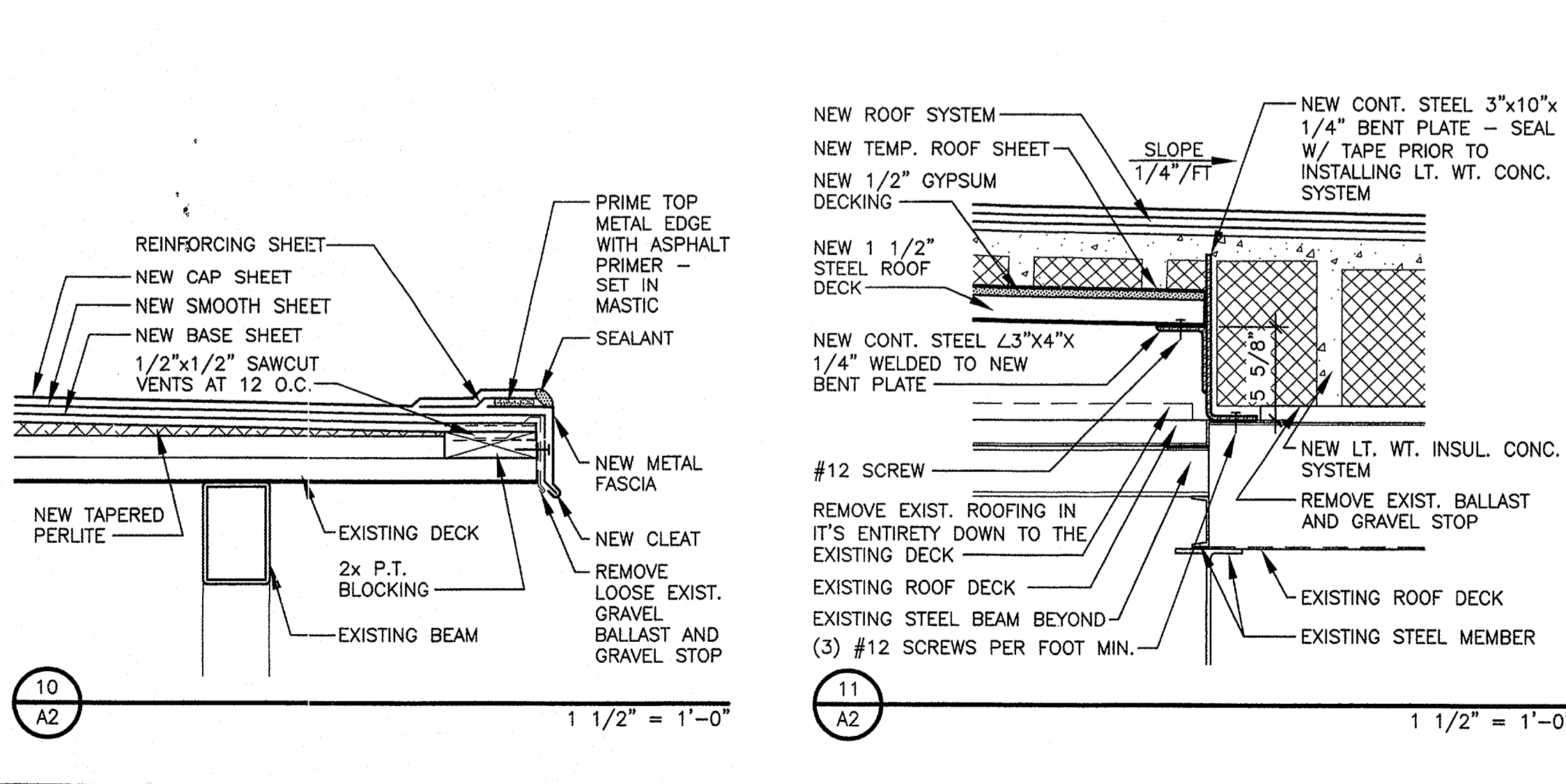
OWNER:

DOUGHERTY COUNTY
BOARD OF EDUCATION
200 PINE AVENUE
ALBANY, GEORGIA 31701

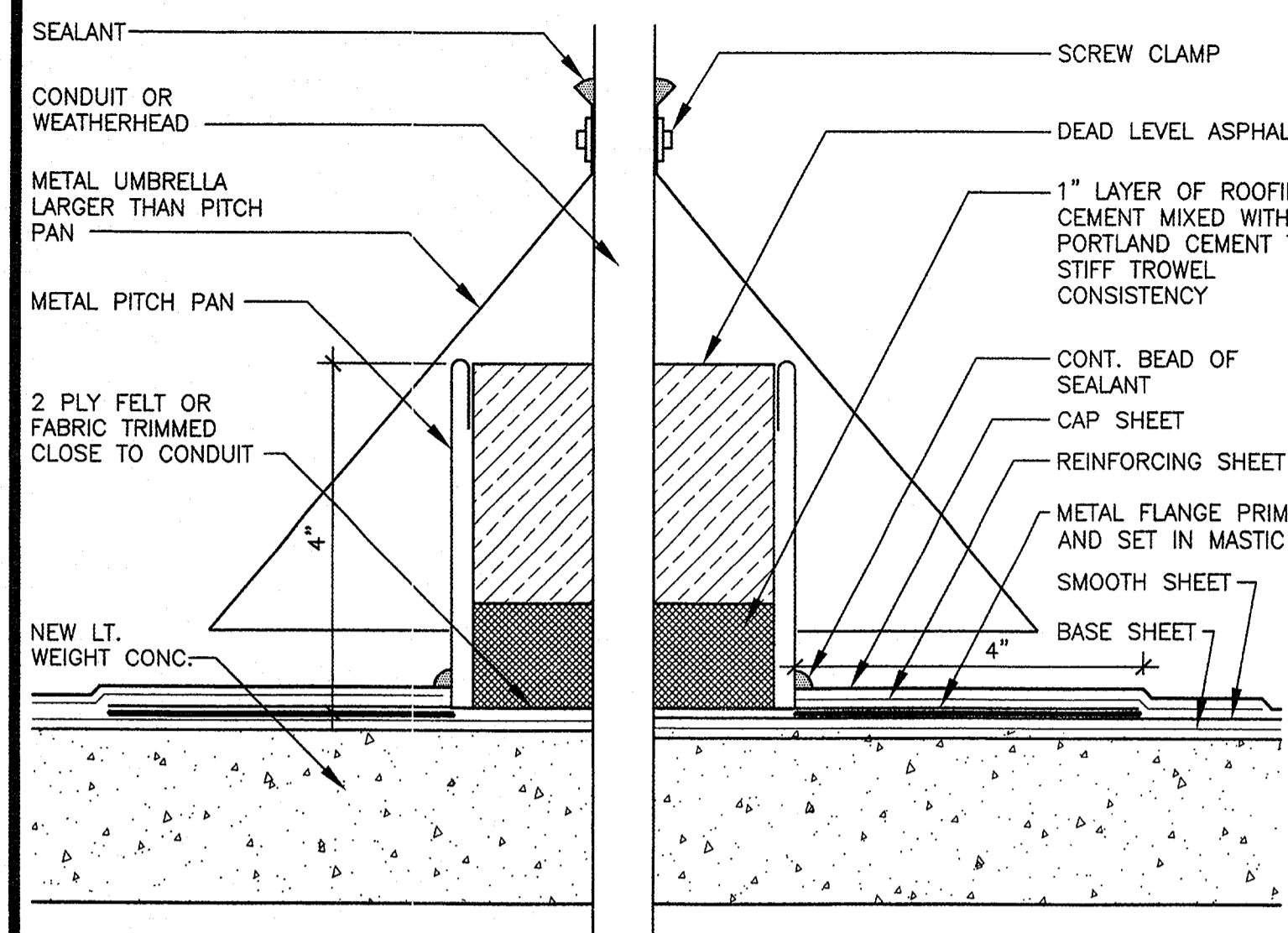


STRUCTURAL GENERAL NOTES (SHEETS A2 & A4)

- ADHESIVE ANCHORS SHALL BE HILTI HIT-HY 20 ADHESIVE ANCHOR WITH SCREEN TUBE WITH 2" EMBEDMENT. MINIMUM SHEAR VALUE = 1230 LBS. OTHER ADHESIVE ANCHORS WHICH MEET THE CRITERIA ARE ACCEPTABLE. SUBMIT TECHNICAL LITERATURE FOR REVIEW.
- STEEL DECK SHALL BE 18 GAUGE GALVANIZED WIDE RIB STEEL DECK WITH A MINIMUM I=2.92 IN AND A MINIMUM SX = 3.18 IN. FASTEN SIDE LAPS WITH THE NO. 12 SCREWS AT A MAXIMUM SPACING OF 3' ON CENTER.
- SCREW SHALL BE NO. 12 CORROSION RESISTANT SELF DRILLING, SELF THREADING SCREWS. FASTEN STEEL DECK AT 12" O.C. MAXIMUM.
- STRUCTURAL STEEL SHALL BE PAINTED WITH MANUFACTURER'S STANDARD PRIMER.
- WELDS SHOULD BE 3/16" FILLET WELDS, 2" AT 12" O.C.
- BOLTS AND/OR STUDS FOR NEW BLOCKING SHALL BE A MINIMUM 1 3/4" O.C. FROM EDGE OF BOARD.

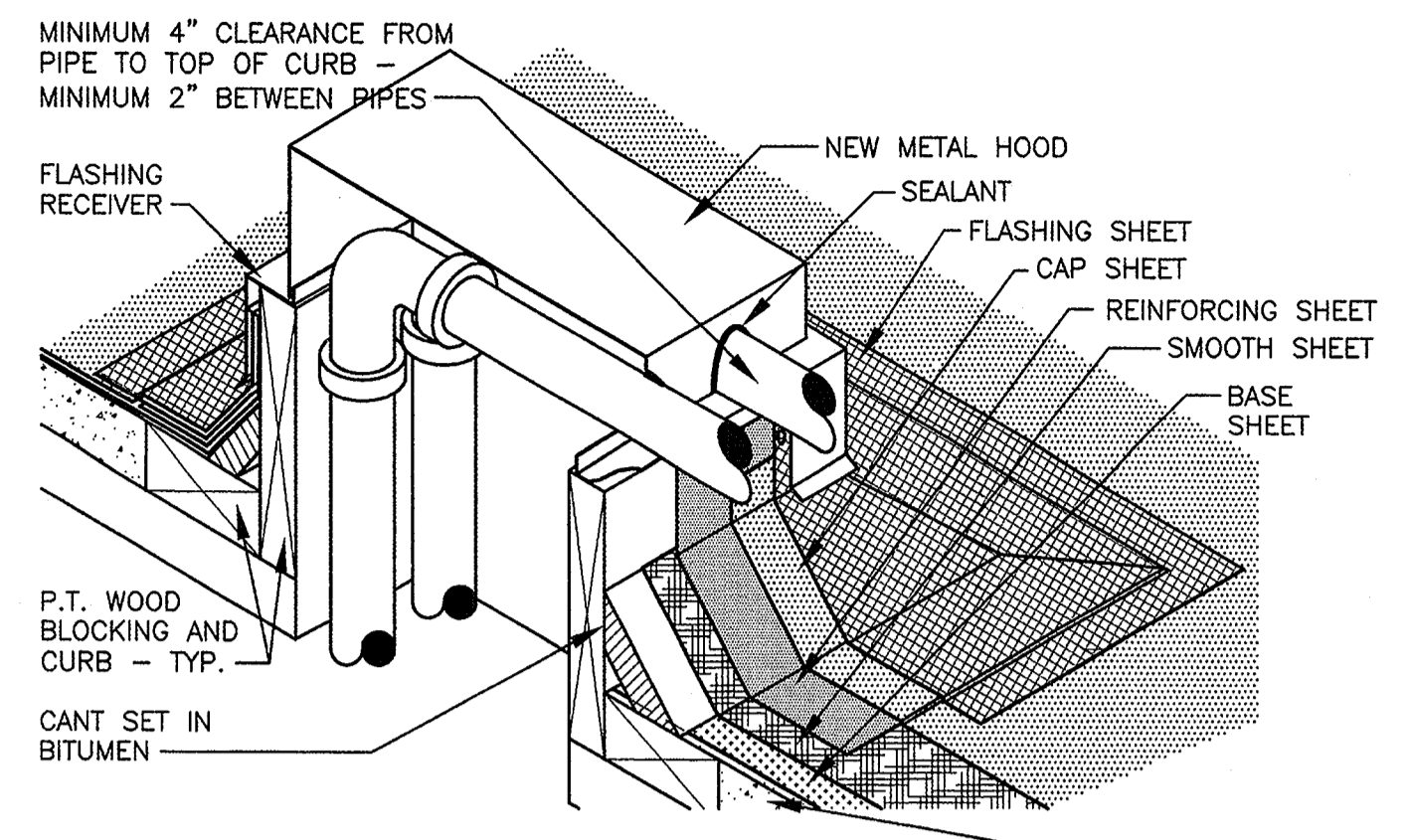


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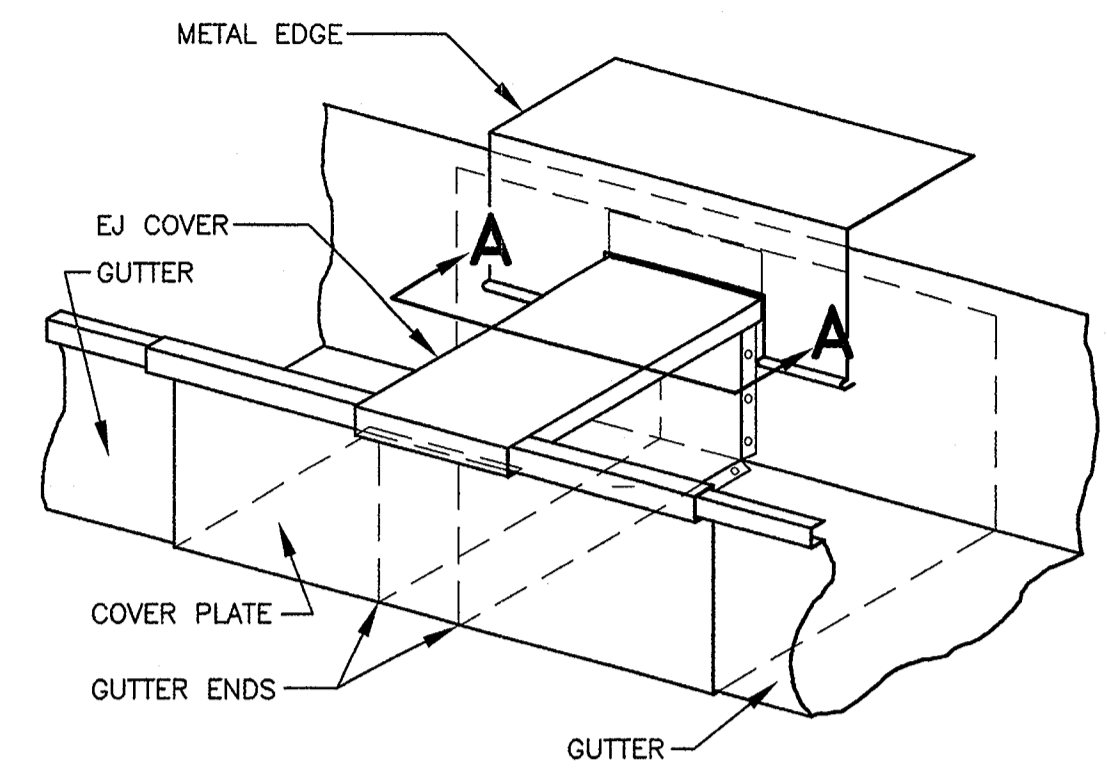
TYPICAL HOODED PITCH PAN

NOT TO SCALE

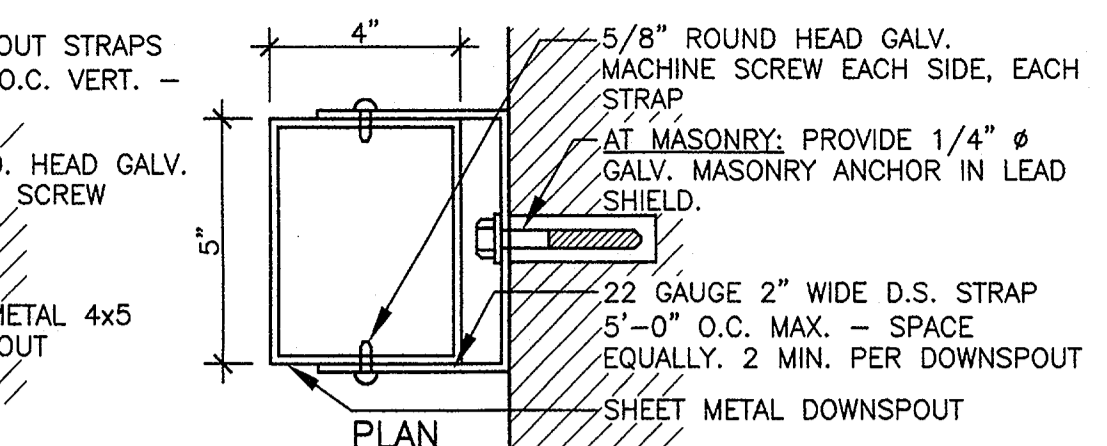


TYPICAL METAL HOOD FOR PIPES, CONDUIT, ETC.

NOT TO SCALE

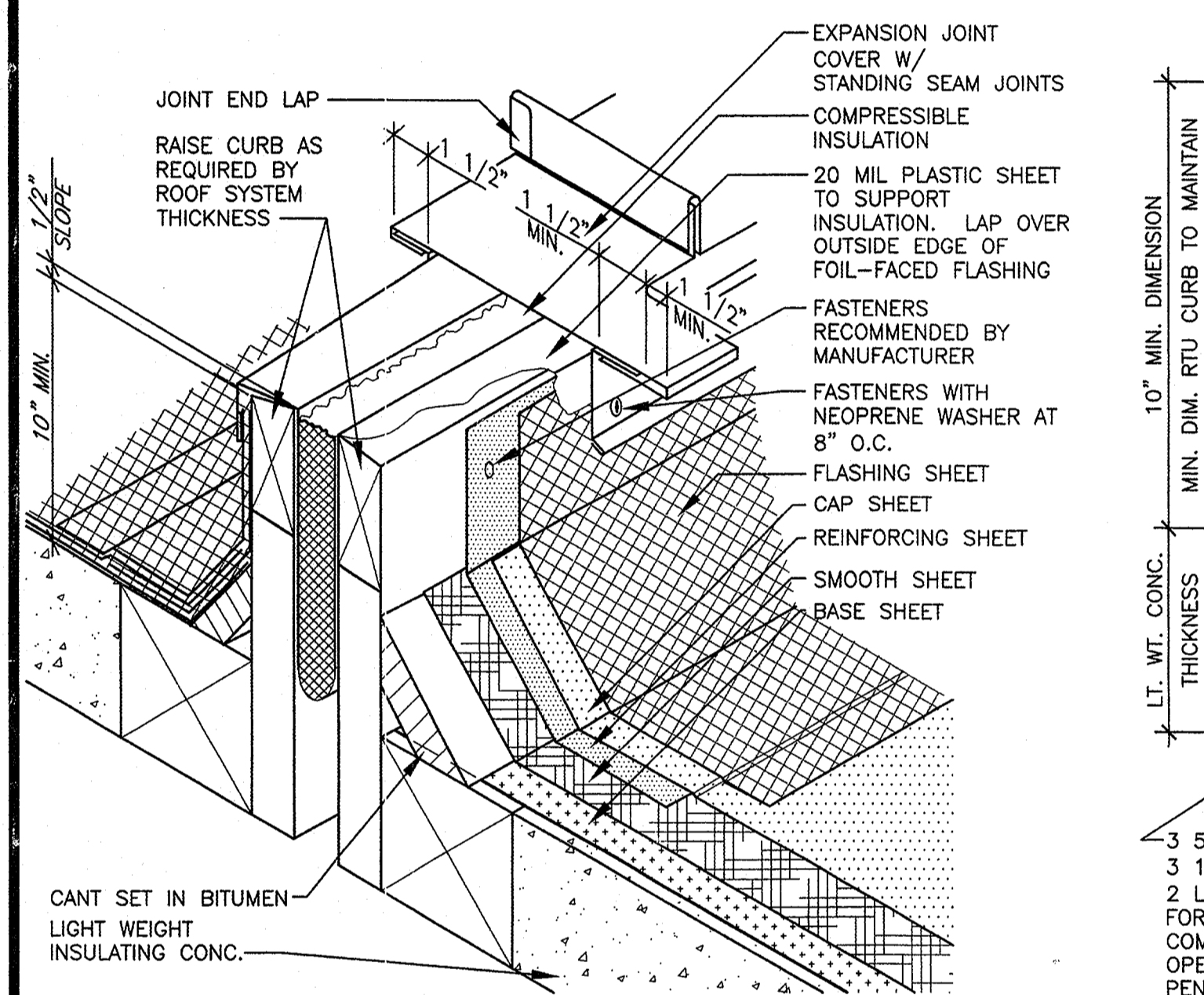


GUTTER EXPANSION JOINT (GEJ)



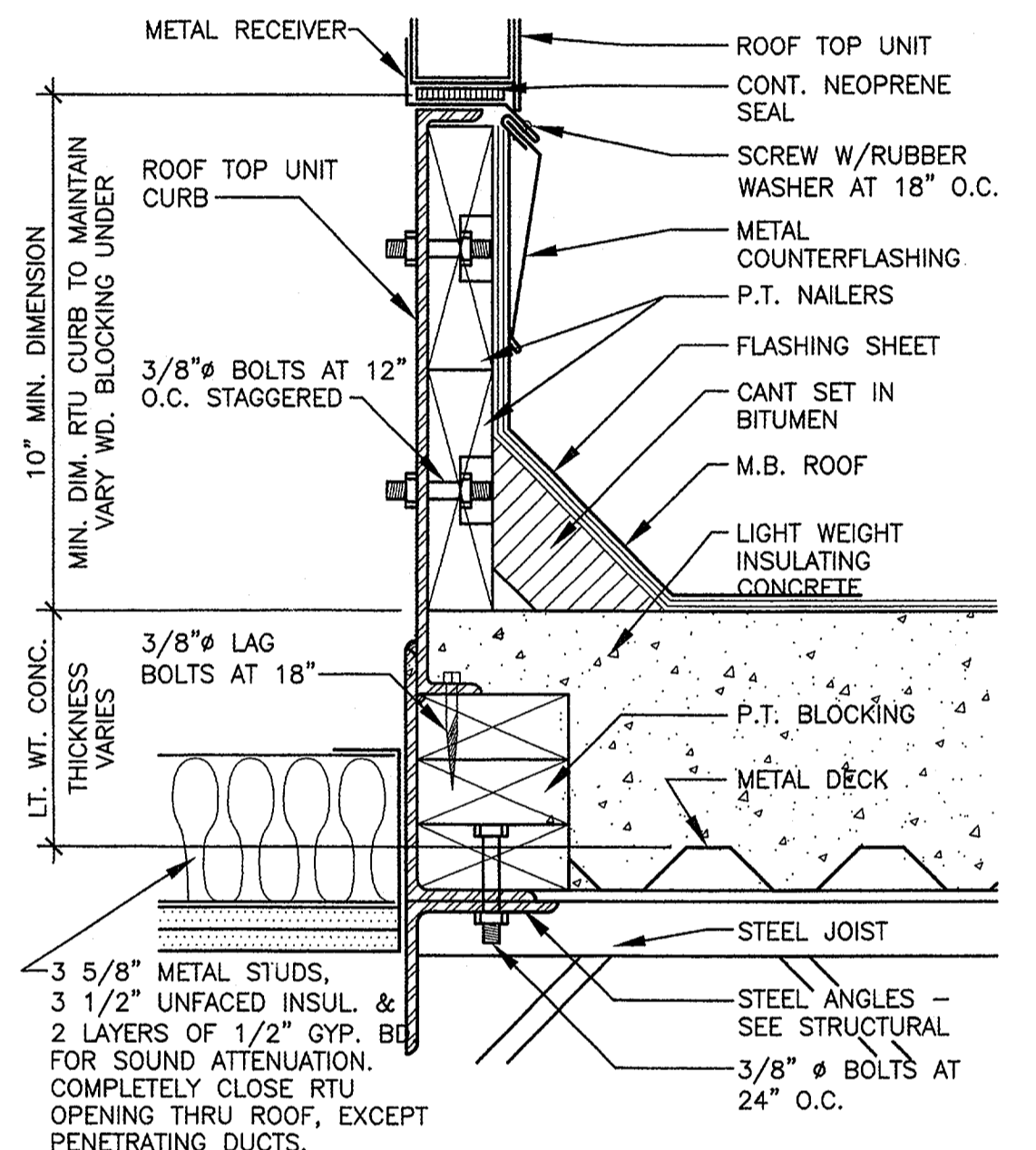
TYP. DOWNSPOUT AND STRAP DETAIL

3\"/>



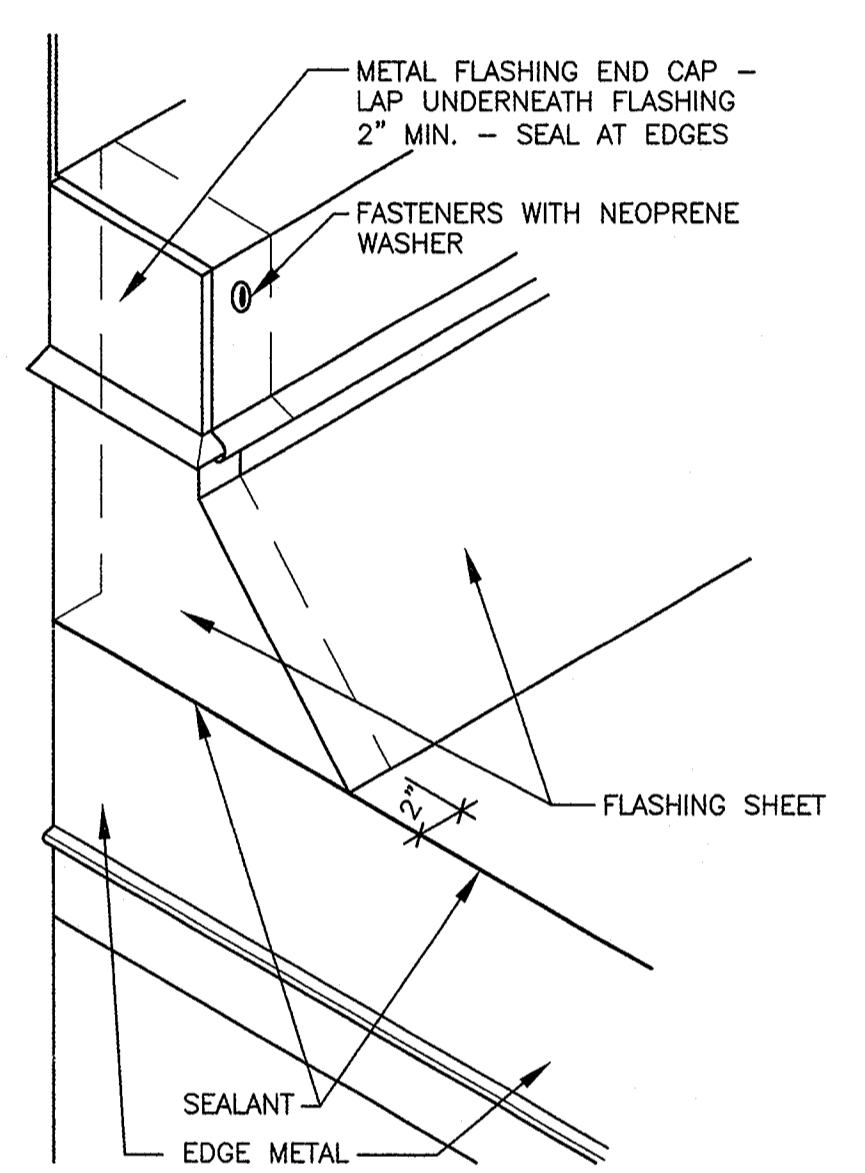
TYP. ROOF EXPANSION JOINT

NO SCALE



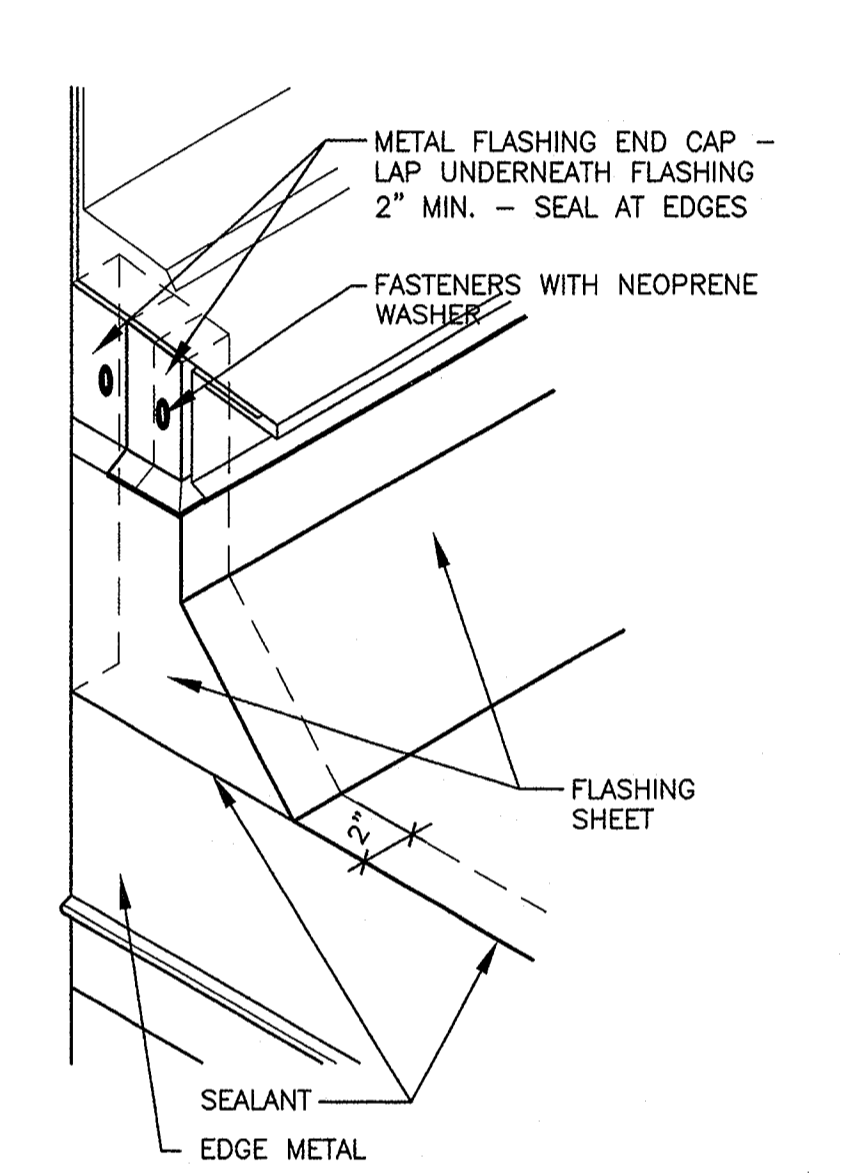
ROOF TOP CURB

FOR ROOF TOP MECHANICAL UNITS NOT TO SCALE



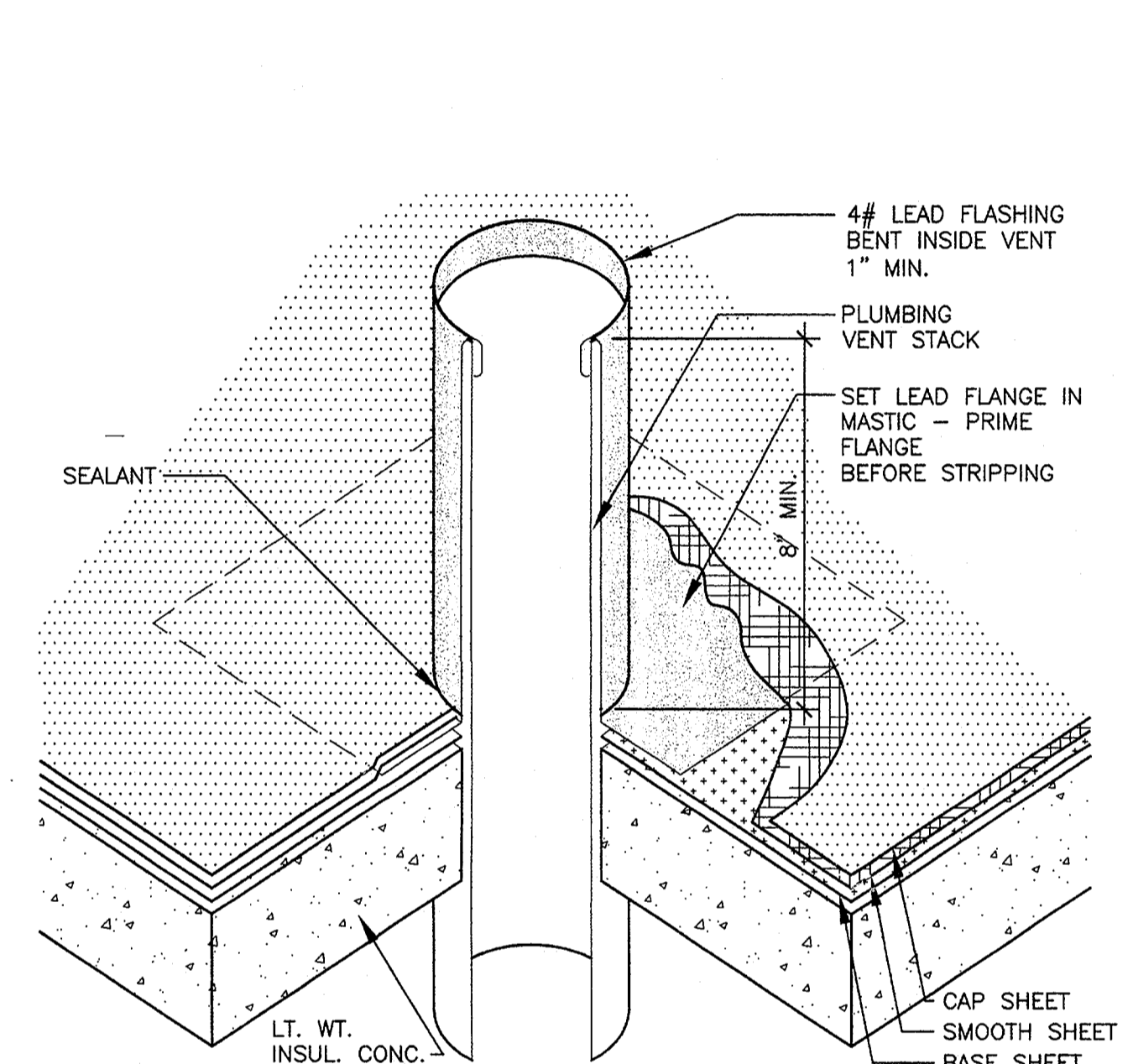
TYP. TERMINATION AT ROOF/WALL JOINT (NON-EXPANSION JOINT)

NOT TO SCALE



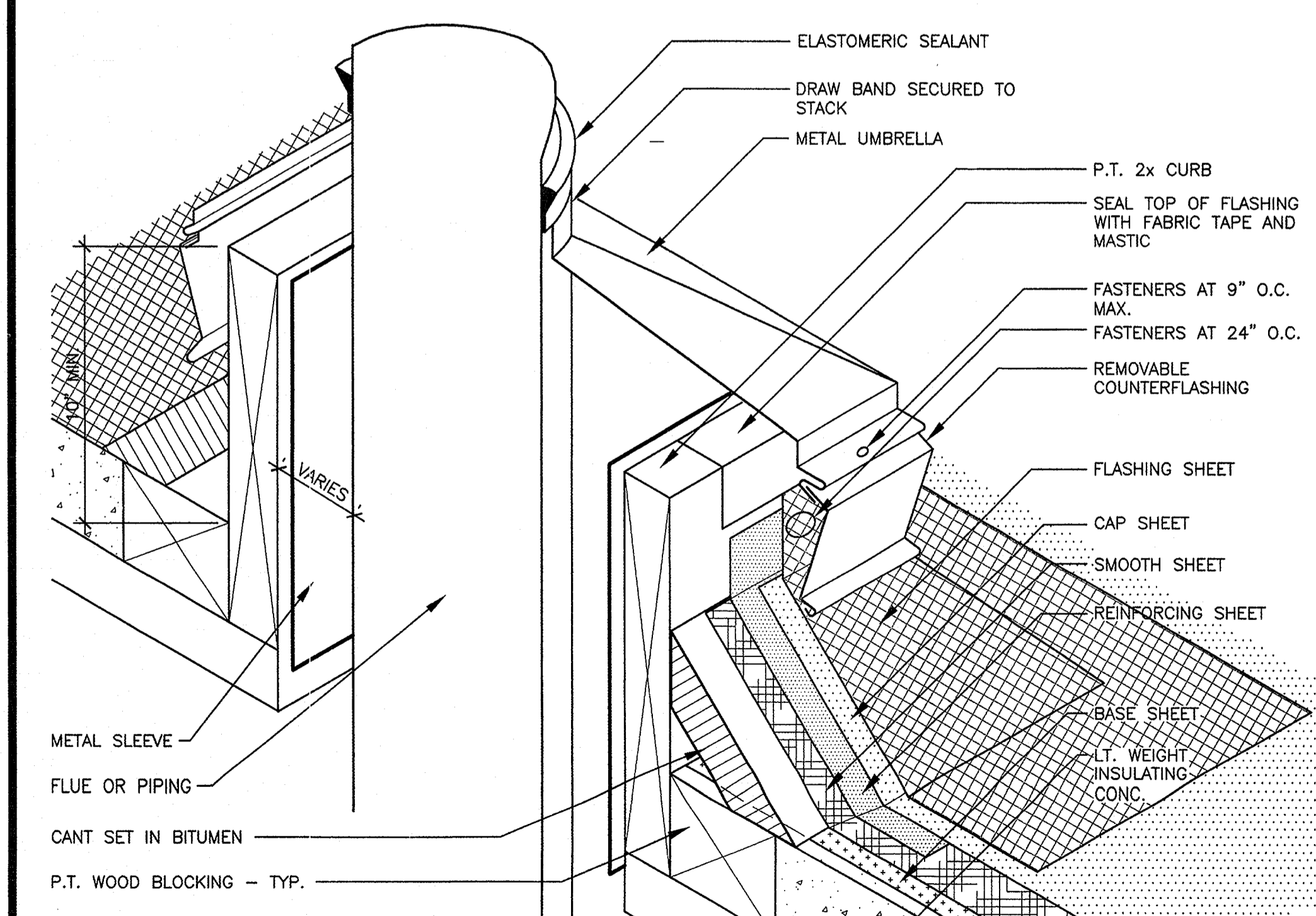
TYP. TERMINATION AT ROOF/WALL JOINT (EXPANSION JOINT)

NOT TO SCALE



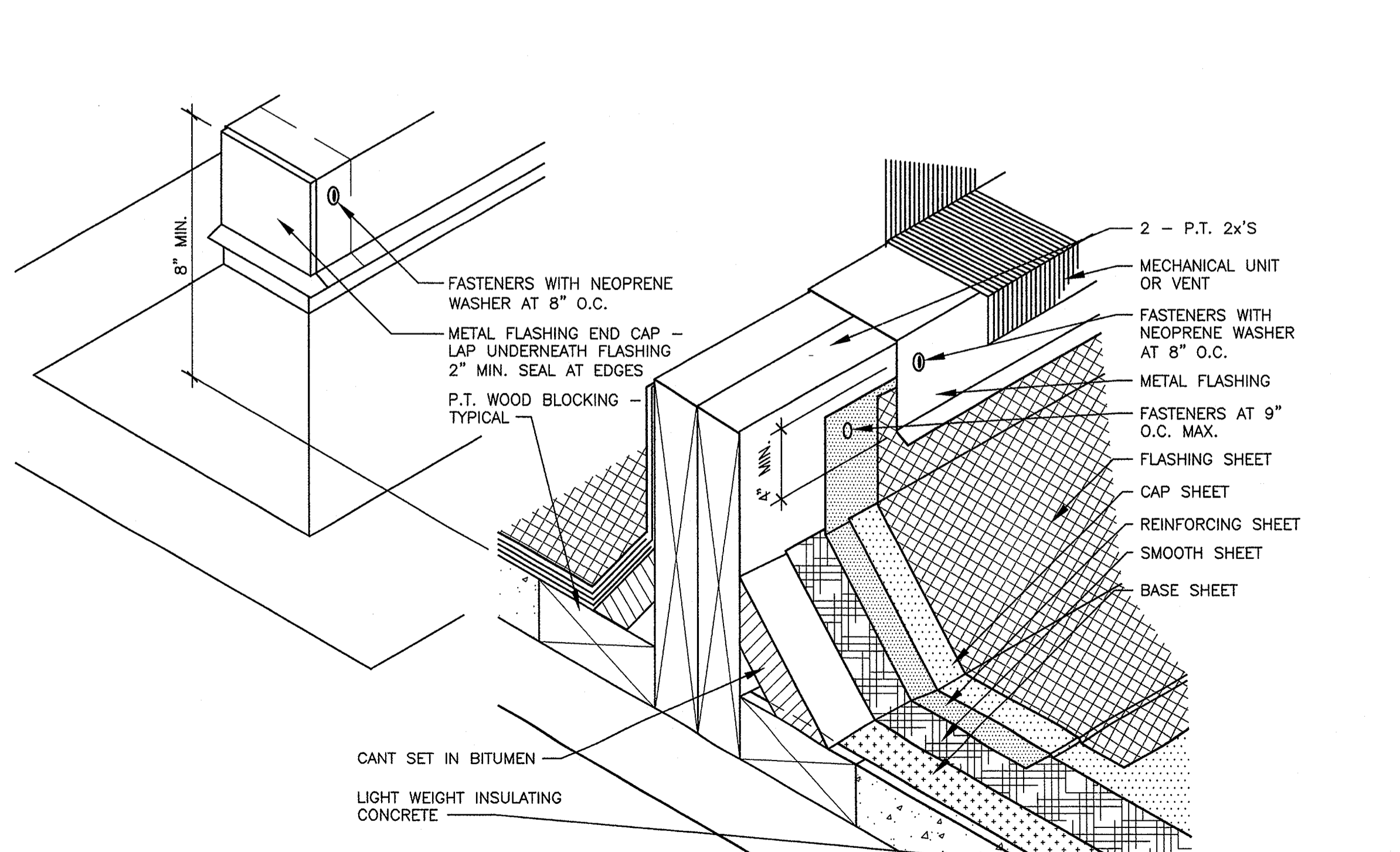
TYPICAL PLUMBING VENT FLASHING

NOT TO SCALE



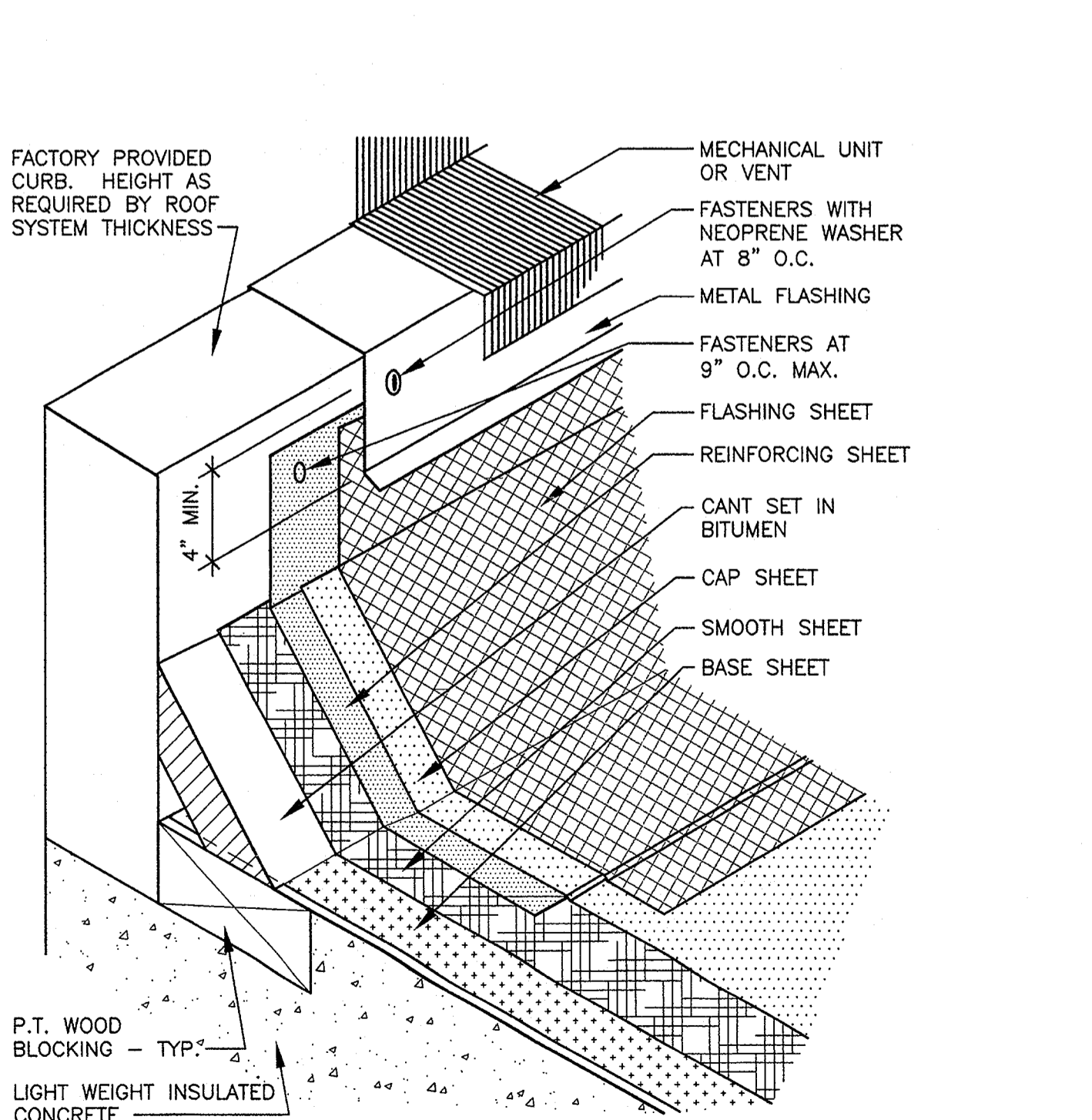
TYPICAL STACK FLASHING

NOT TO SCALE



TYPICAL CURB SUPPORTS FOR EQUIPMENT (E.C.)

NOT TO SCALE



TYP. BASE FLASHING FOR CURBED UNITS

NOTE: RANGEHOOD FLASHING SHALL BE SIMILAR. SEE MECHANICAL FOR CURB TYPE. NOT TO SCALE



SRJ Architects Inc.

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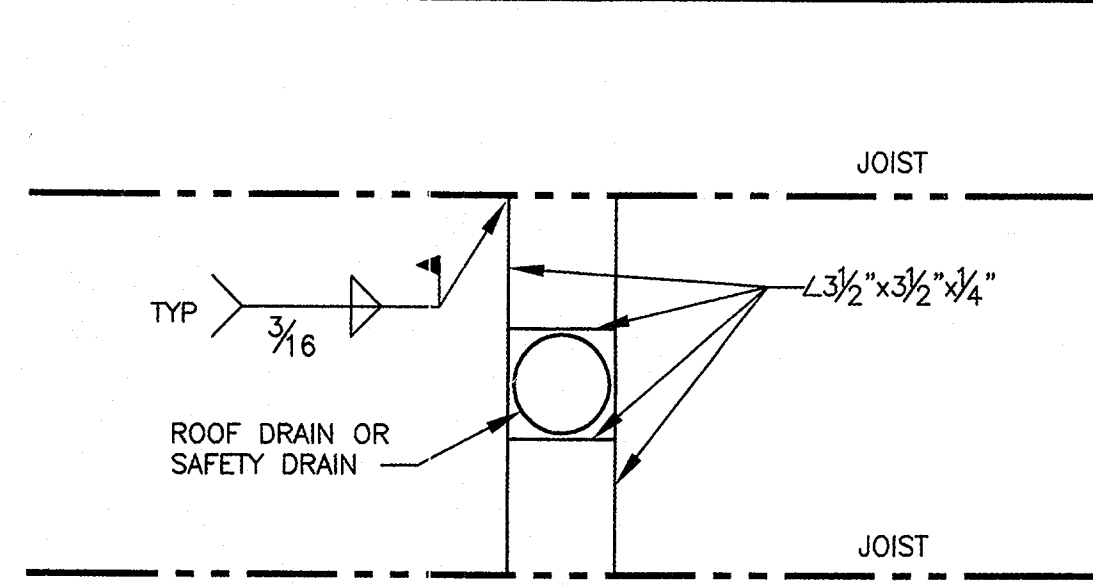
PROJECT:
DOUGHERTY INTERNATIONAL EDUCATIONAL MIDDLE SCHOOL REROOFING PROJECT, 11-FAC-010, ALBANY, GEORGIA - 1101

OWNER:
DOUGHERTY COUNTY BOARD OF EDUCATION 200 PINE AVENUE ALBANY, GEORGIA 31701



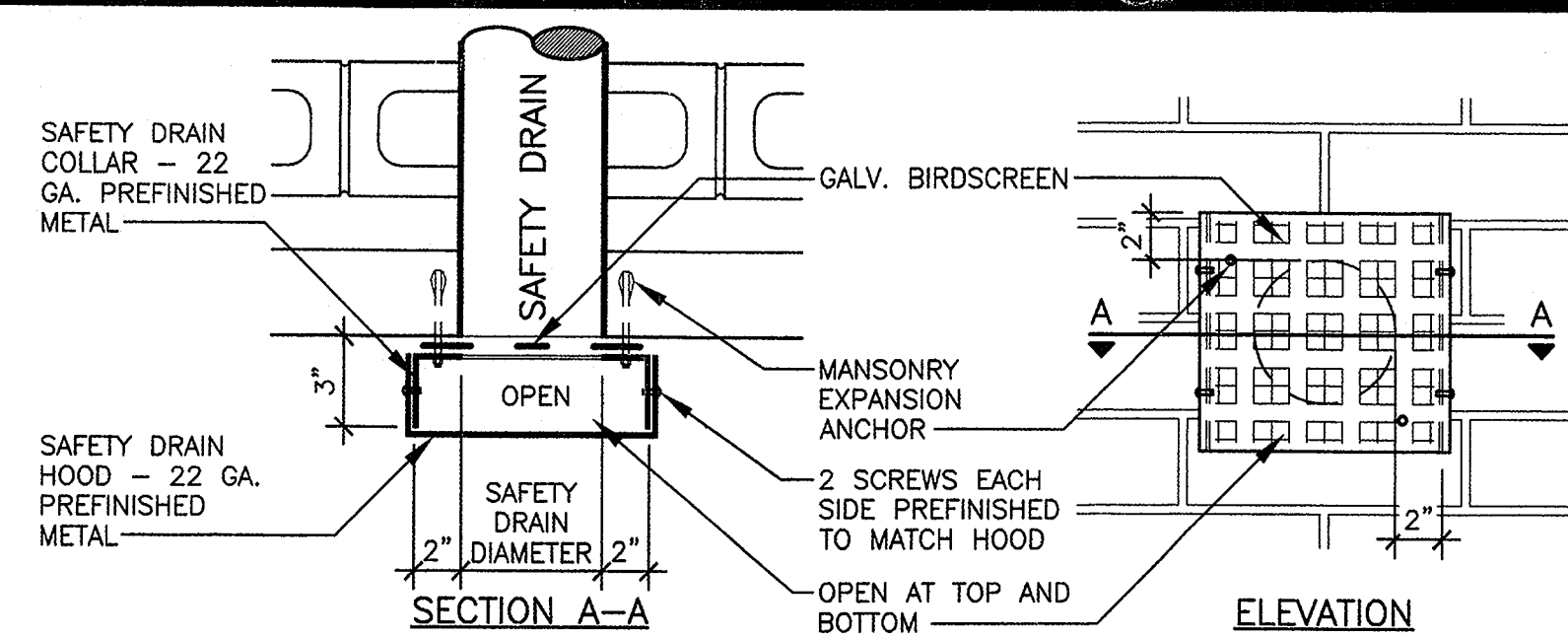
PROJECT NO.:
1101
DATE:
MARCH 18, 2011
JOB CAPTAIN:
D. GUERRA
DRAWN BY:
P. PARKER

SHEET NO.:
A3
OF 4 SHEETS



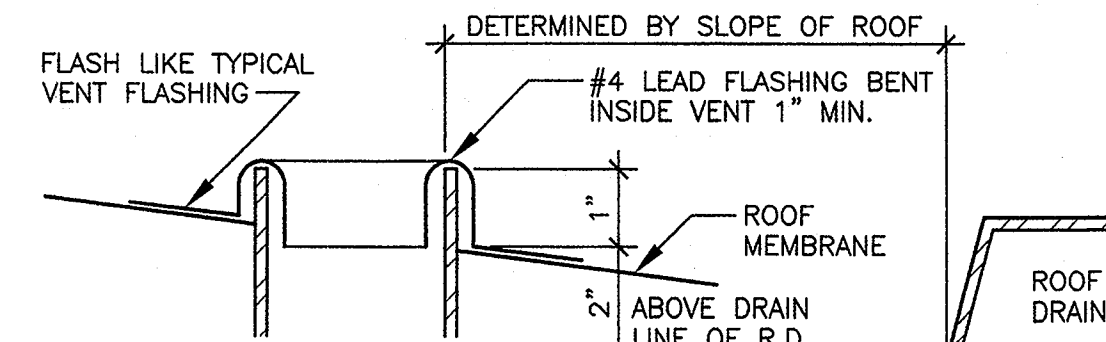
ROOF DRAIN SUPPORT (RD) DETAIL

NOTE: ROOF SAFETY DRAIN (SD) SUPPORT SIMILAR. NOT TO SCALE



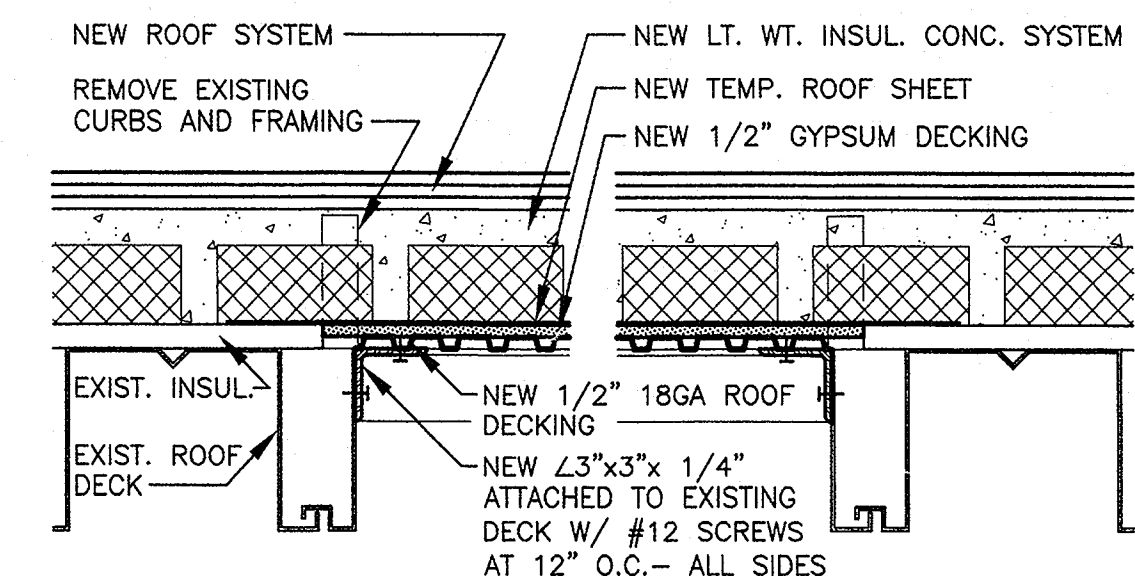
SAFETY DRAIN OUTLET DETAIL

1 1/2" = 1'-0"



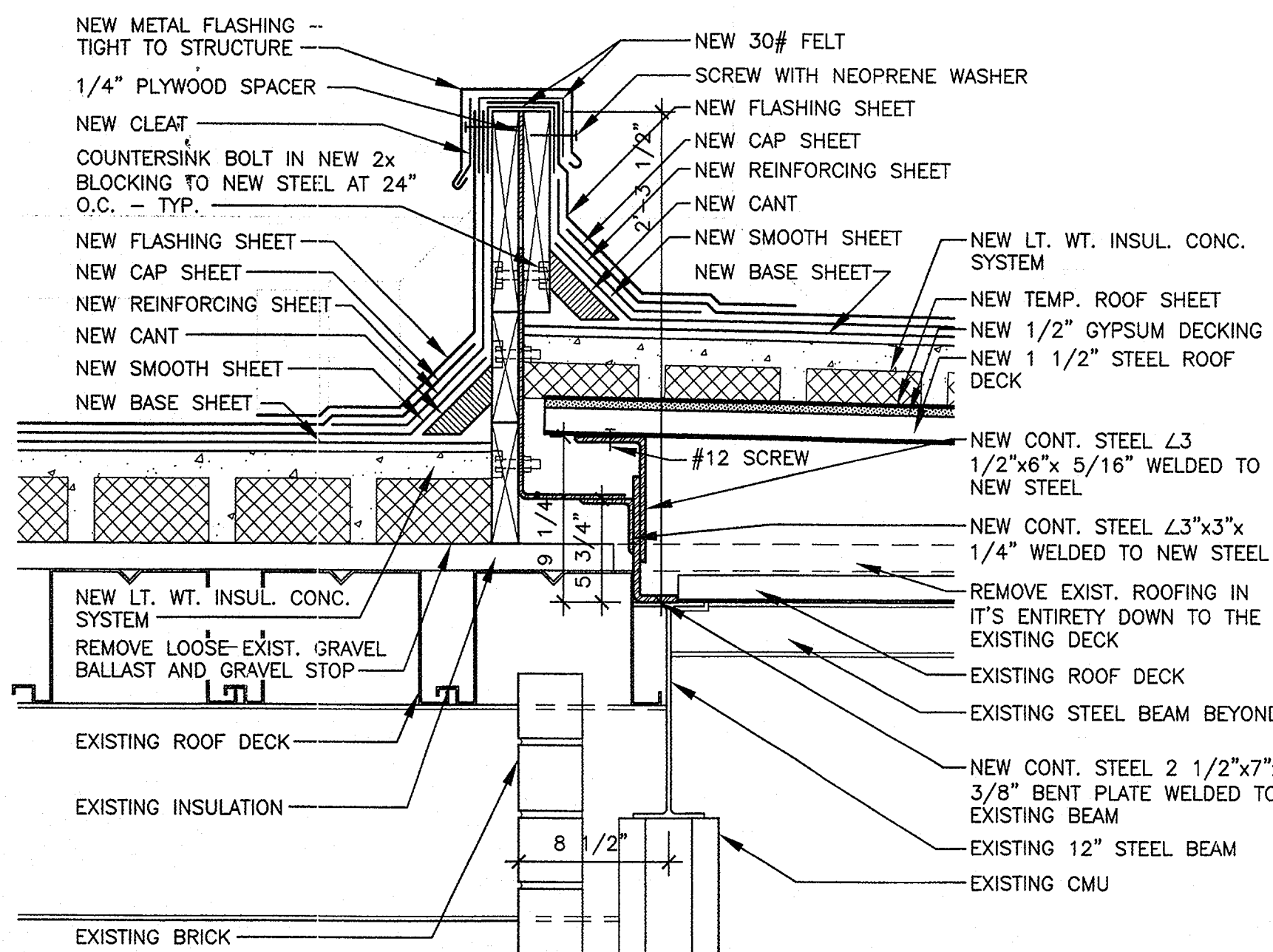
TYPICAL SAFETY DRAIN

NOT TO SCALE

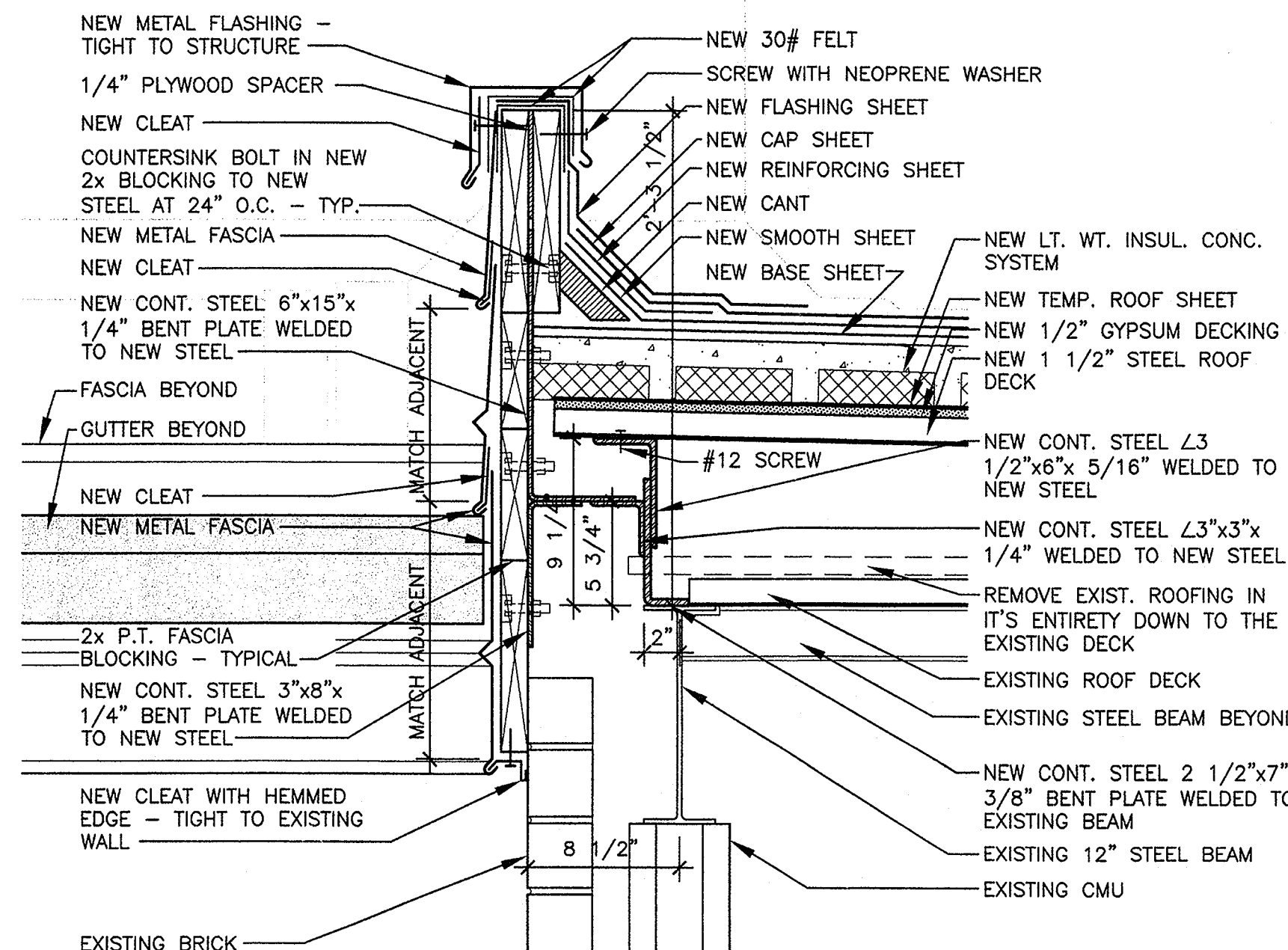


EXIST. OPENING CLOSURE DETAIL

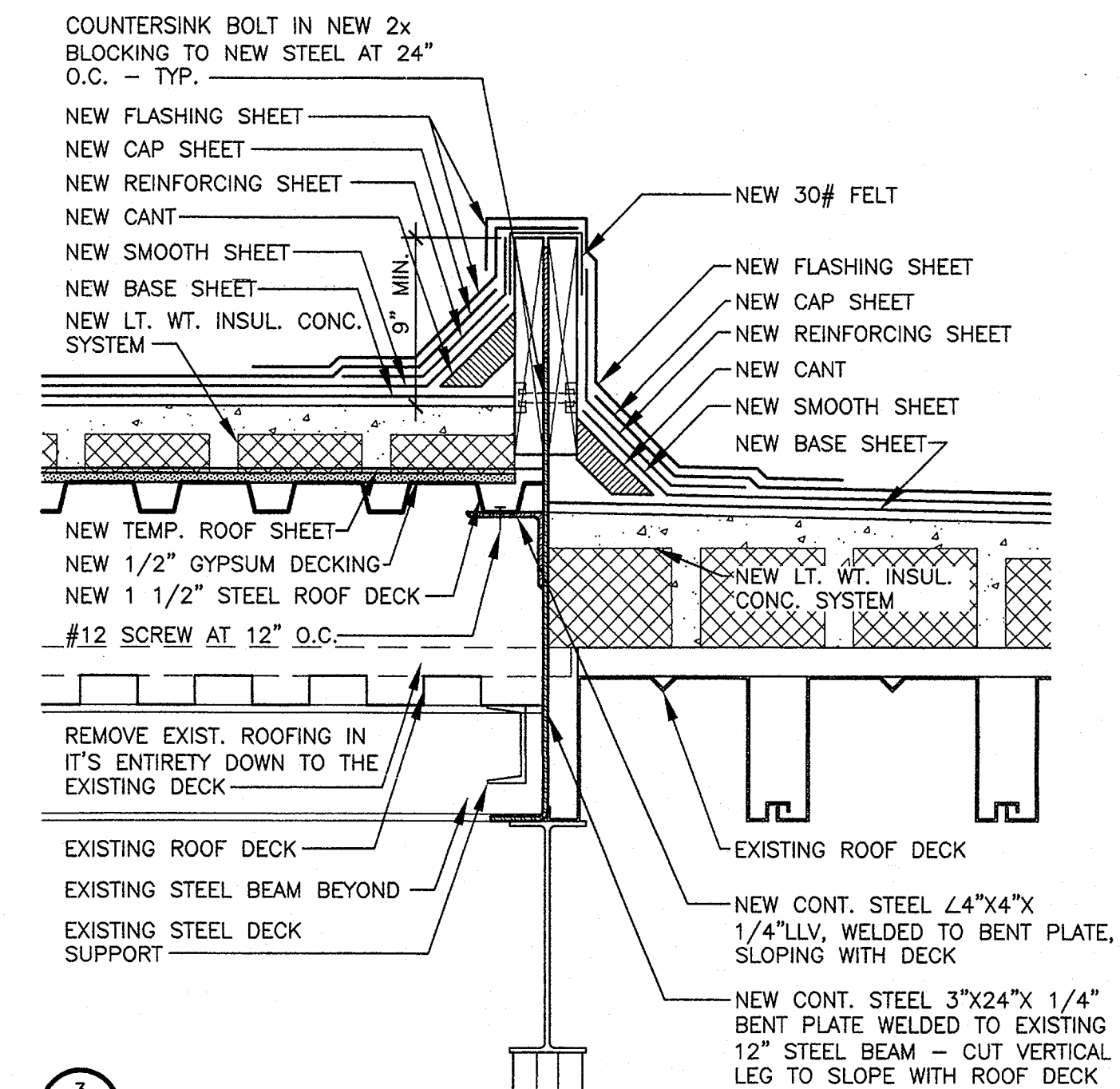
1 1/2" = 1'-0"



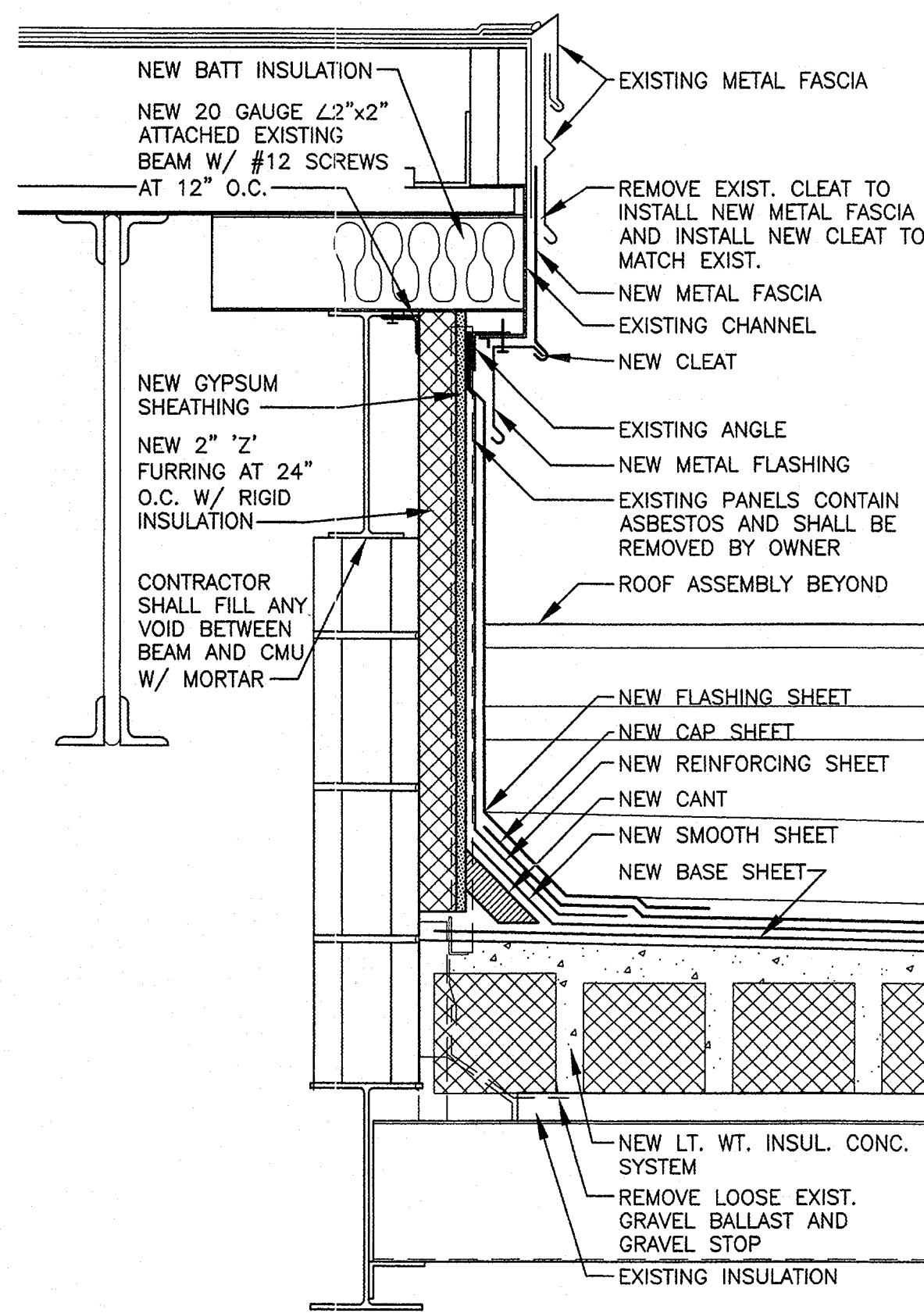
1 SEE STRUCTURAL GENERAL NOTES ON SHEET A2 1 1/2" = 1'-0"



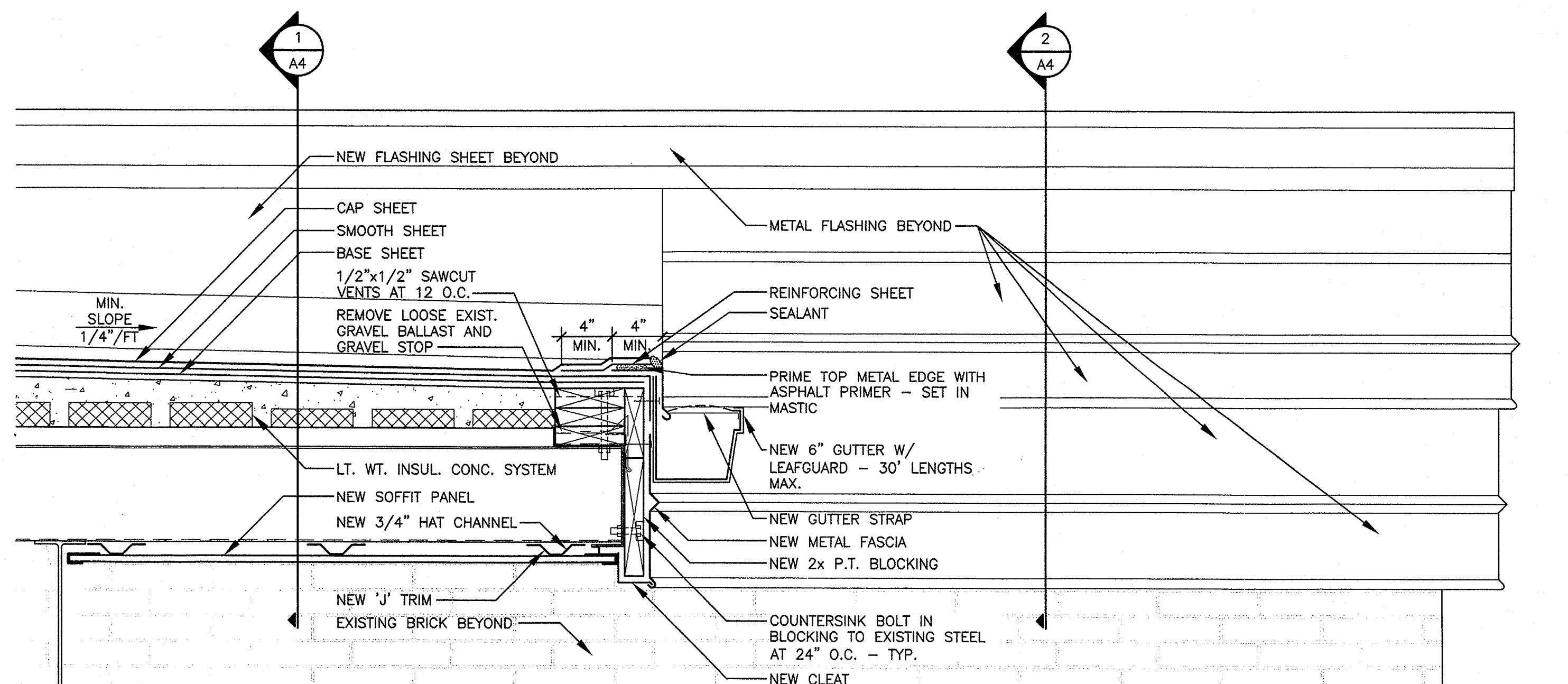
2 SEE STRUCTURAL GENERAL NOTES ON SHEET A2 1 1/2" = 1'-0"



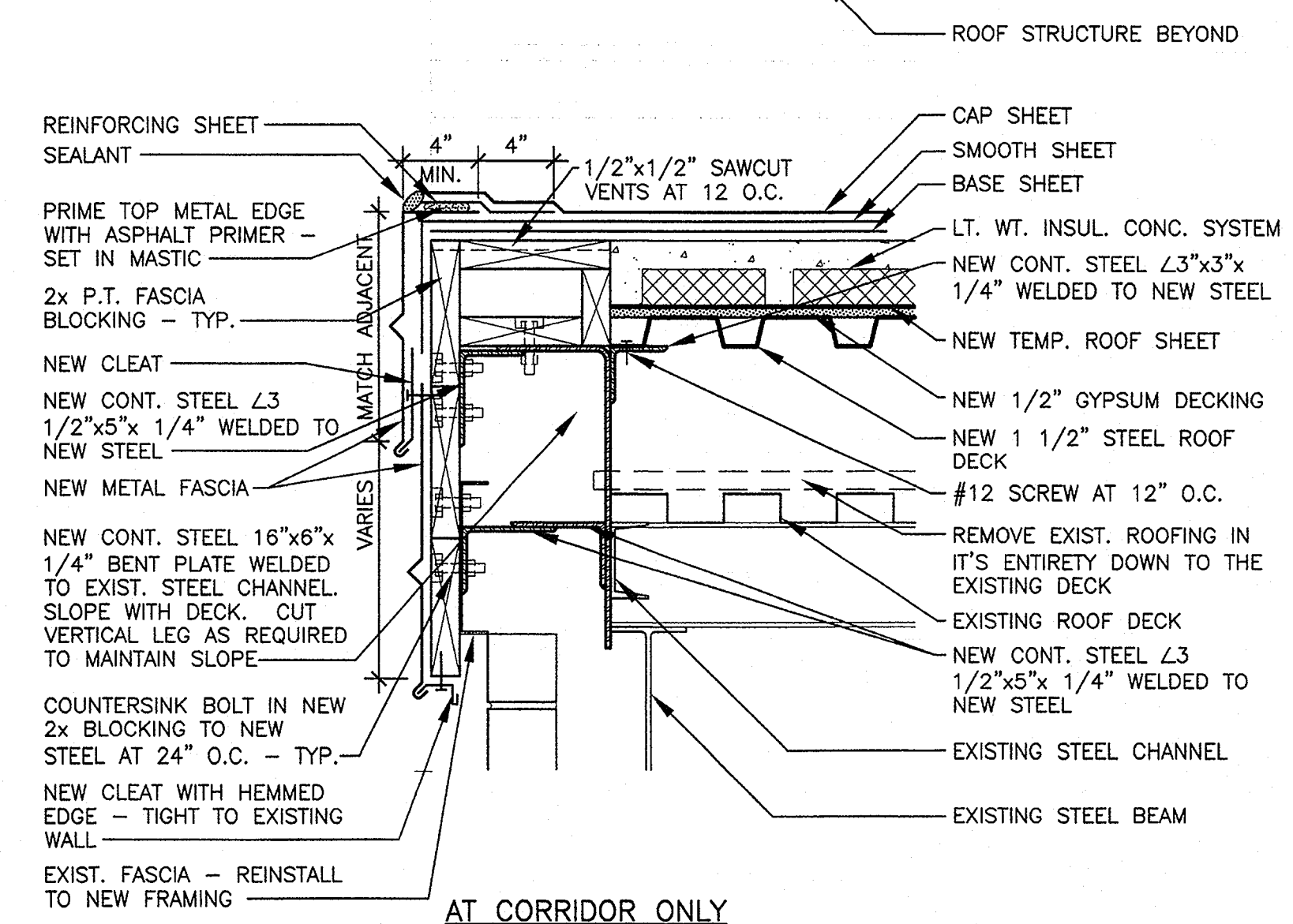
3 SEE STRUCTURAL GENERAL NOTES ON SHEET A2 1 1/2" = 1'-0"



4 SEE STRUCTURAL GENERAL NOTES ON SHEET A2 1 1/2" = 1'-0"



1 1/2" = 1'-0"



5 SEE STRUCTURAL GENERAL NOTES ON SHEET A2 1 1/2" = 1'-0"



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Albany, Georgia 31707

Phone 229-436-9877
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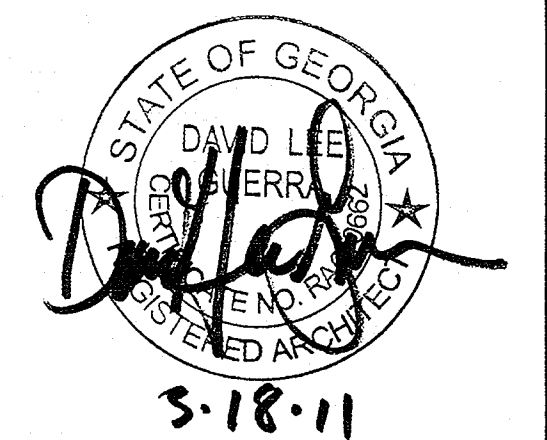
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PROJECT:

DOUGHERTY INTERNATIONAL EDUCATIONAL MIDDLE SCHOOL REROOFING PROJECT, 11-FAC-010, ALBANY, GEORGIA - 1101

OWNER:

DOUGHERTY COUNTY BOARD OF EDUCATION
200 PINE AVENUE
ALBANY, GEORGIA 31701



PROJECT NO.:

1101

DATE:

MARCH 18, 2011

JOB CAPTAIN:

D. GUERRA

DRAWN BY:

P. PARKER

SHEET NO.:

A4

OF 4 SHEETS