



# **SCHOOL RE-ROOFING PROJECTS**

**ABNEY ELEMENTARY SCHOOL  
BOYET JR. HIGH SCHOOL  
SIXTH WARD JR. HIGH GYMNASIUM  
SLIDELL HIGH SCHOOL - PHASE II  
ST. TAMMANY PARISH SCHOOL BOARD**  
covington louisiana  
owner

school board members

**FRANK J. PICHON JR.  
FRANK W. SHARP  
C. J. SCHOEN**

president  
vice president  
superintendent

**THOMAS C. BARRINGER  
JEFF BRATTON  
OTIS L. CAMPBELL  
SIDNEY L. CARTER**

**MILTON CRADDOCK  
JOHNNY C. CROW  
R. M. "BOB" ECHOLS  
W. L. "BILL" FOLSE**

**JOSEPH L. LINDSAY III, D.D.S.  
DOROTHY L. "DEE" MARKEY  
THEODORE B. TALLEY  
CHARLES F. WILLIAMS**

architect

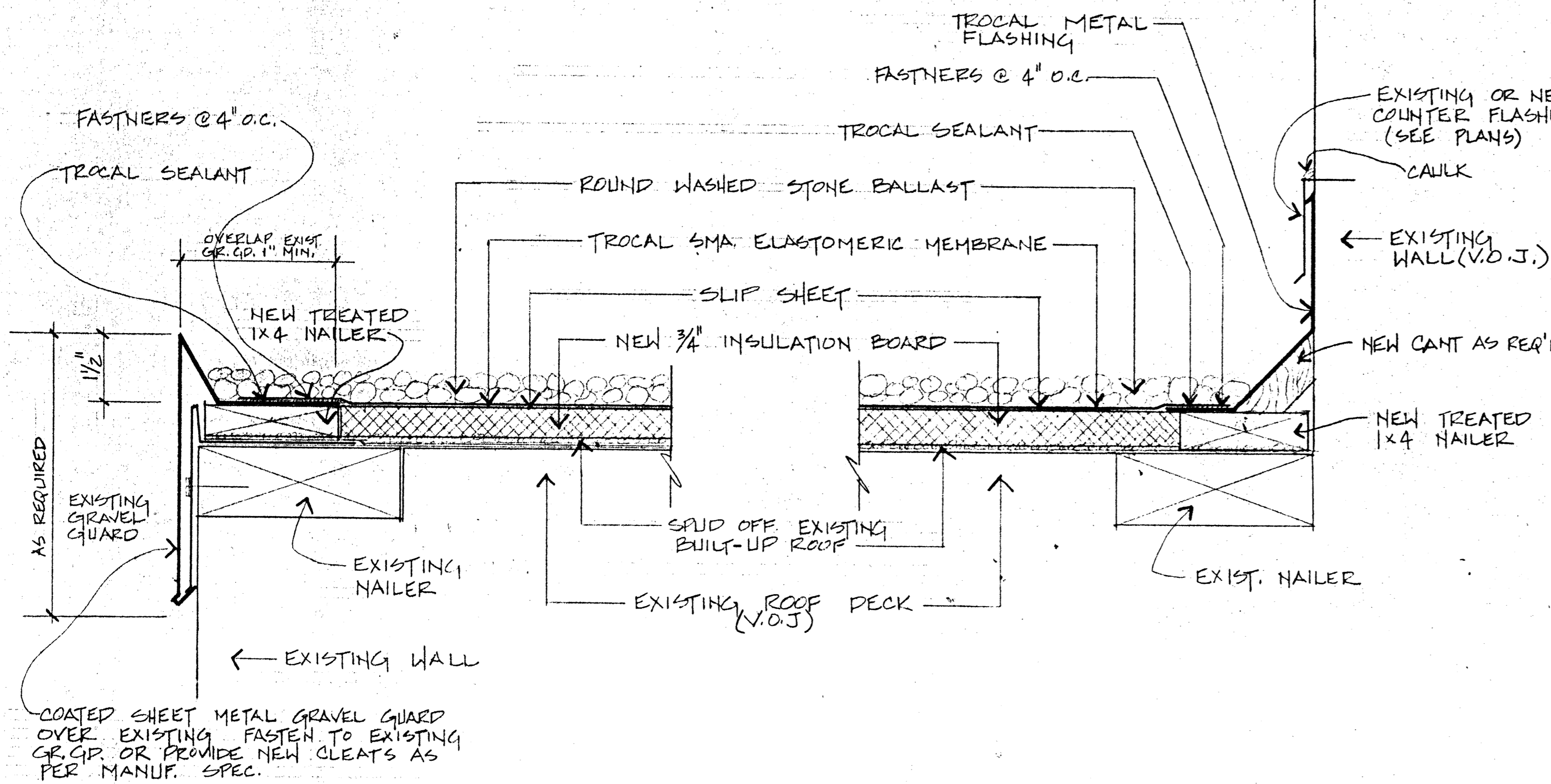
**JOHN S. ELLIS ARCHITECT, INC.**  
lafayette & slidell louisiana

consulting mech. & elec. engineers

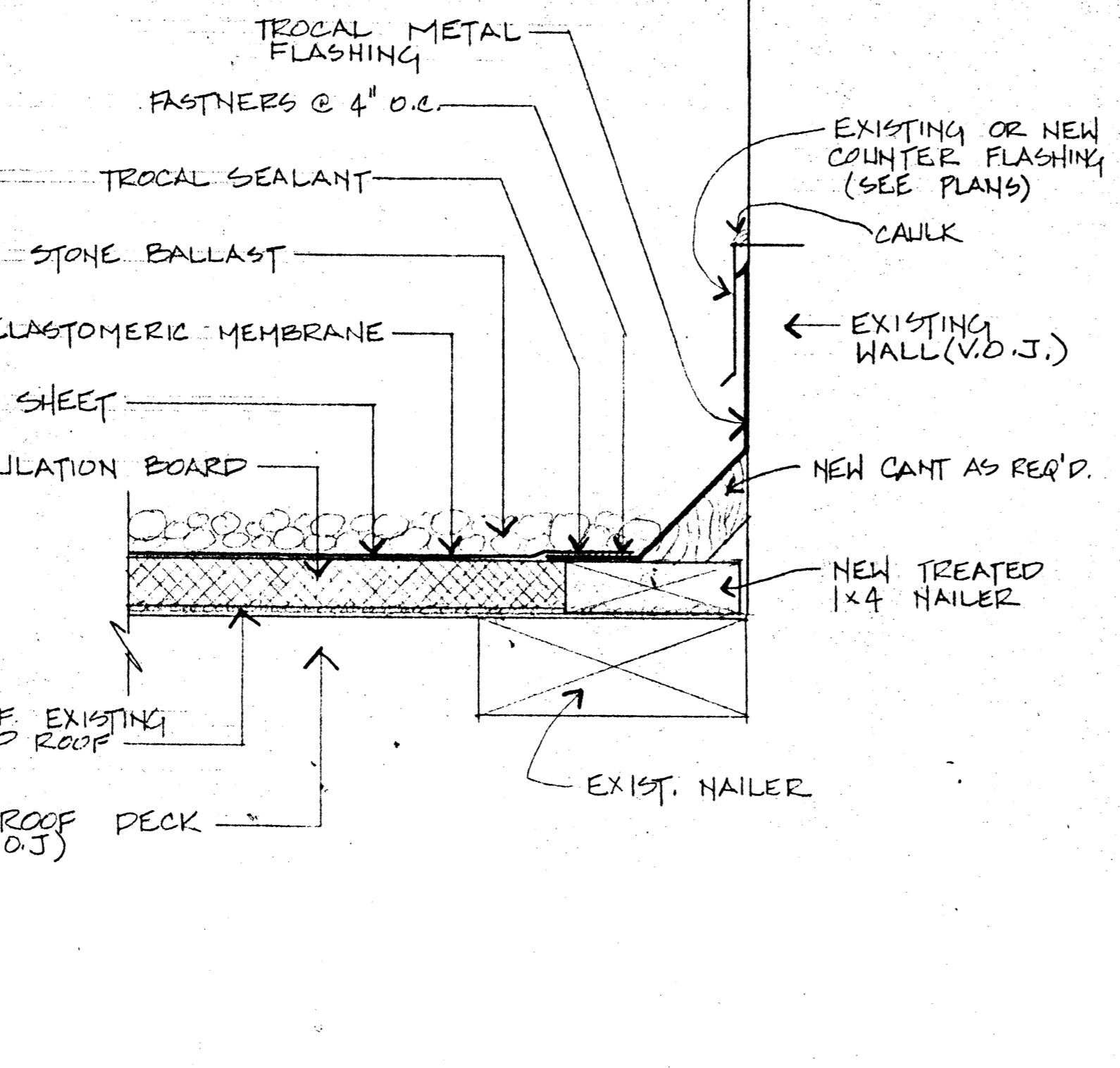
**FRANK BEAULLIEU & ASSOCIATES**  
lafayette louisiana

consulting structural engineer

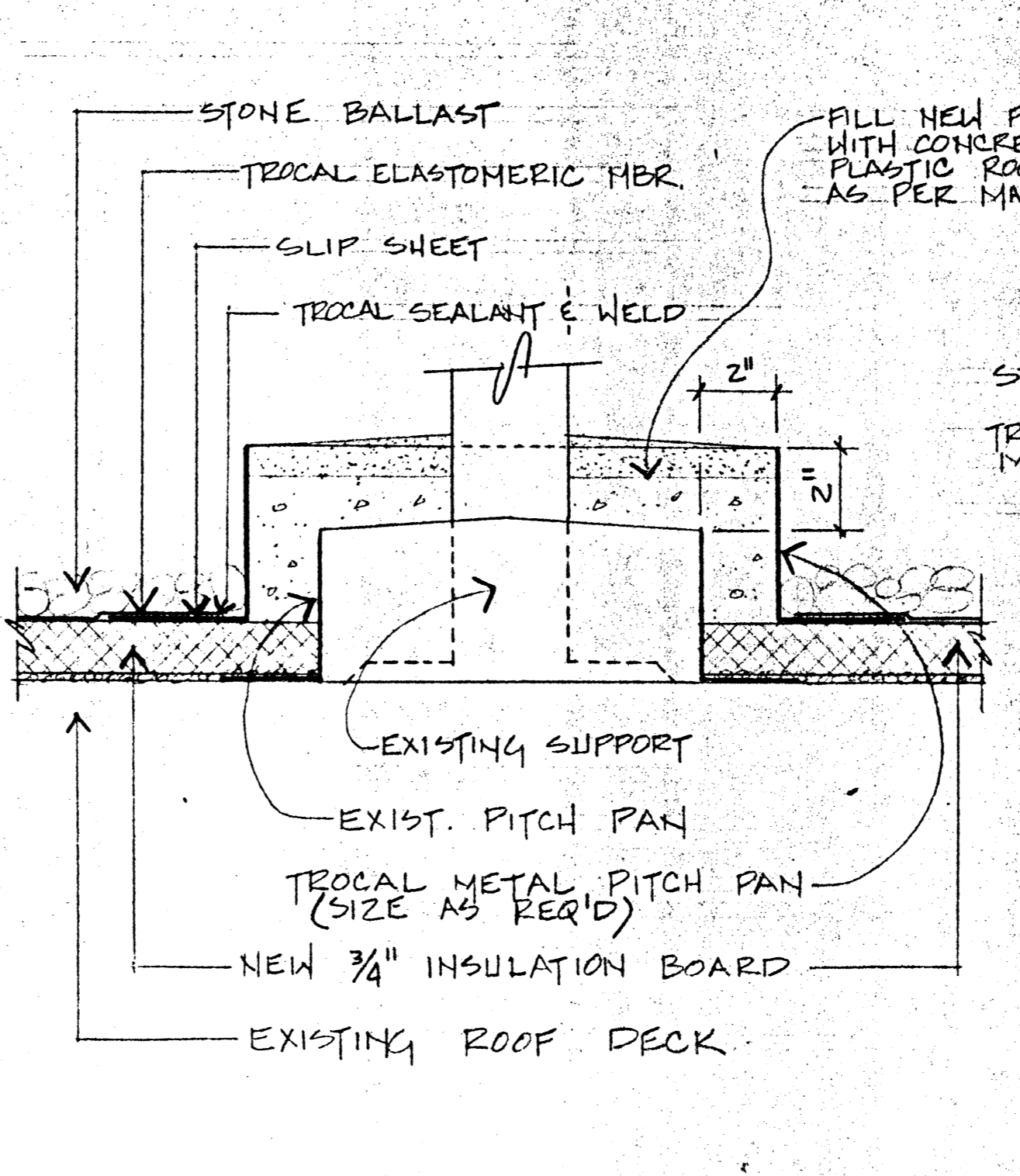
**WILLIAM E. JACQUES**  
baton rouge louisiana



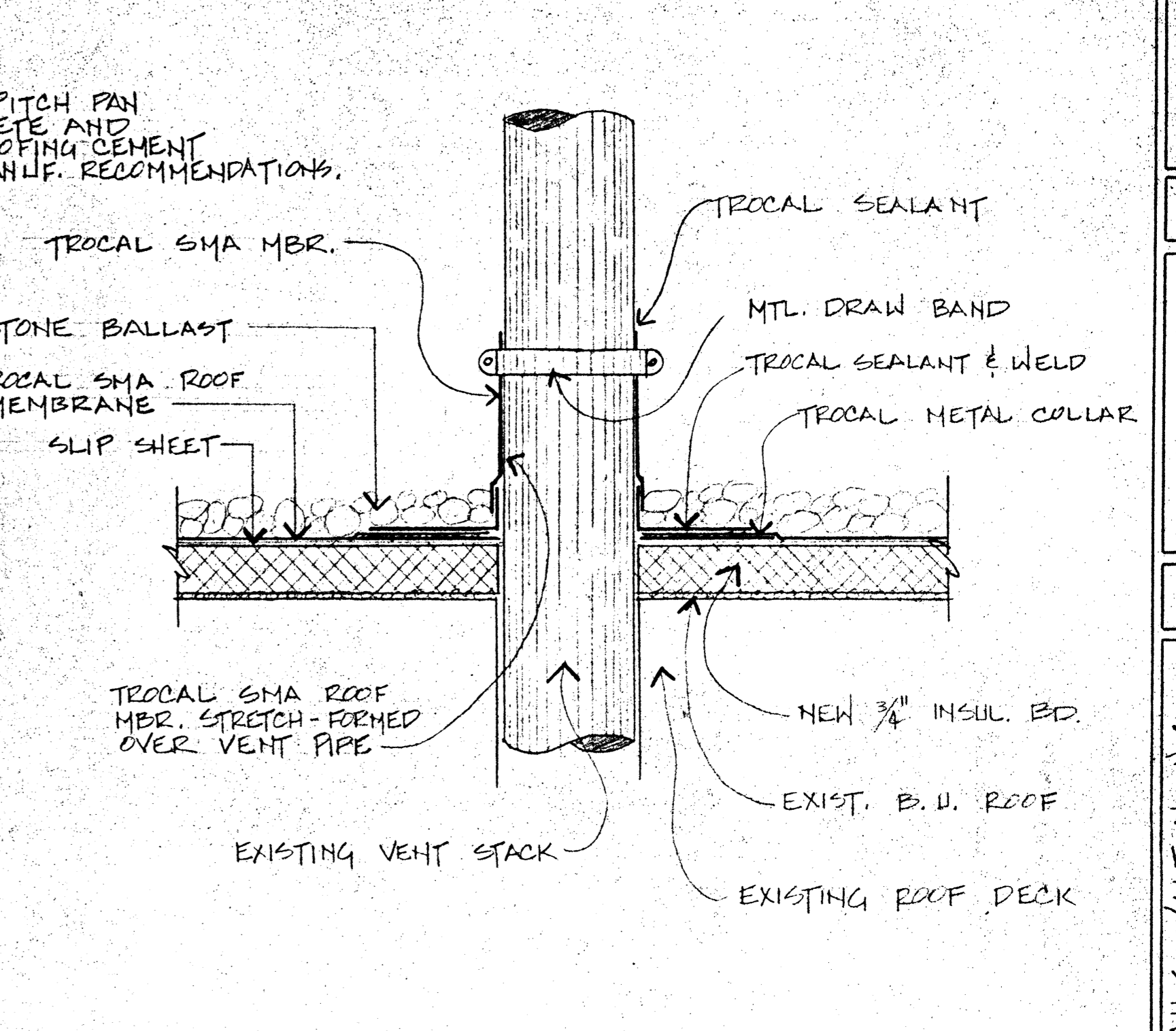
1 TYPICAL EAVE DETAIL @  
9 BALLASTED ELASTOMERIC ROOF



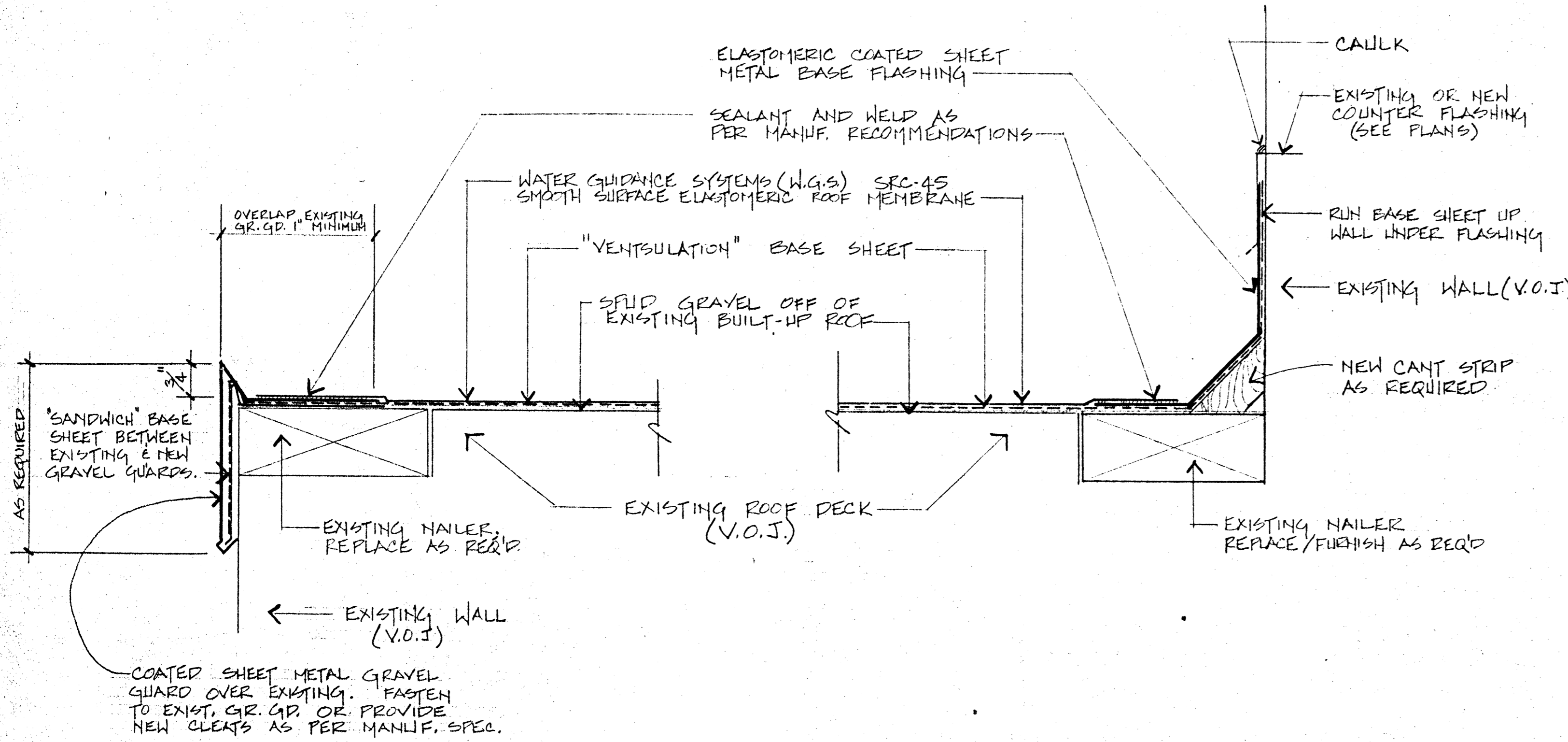
2 TYP. FLASHING DETAIL @  
9 BALLASTED ELAST. ROOF



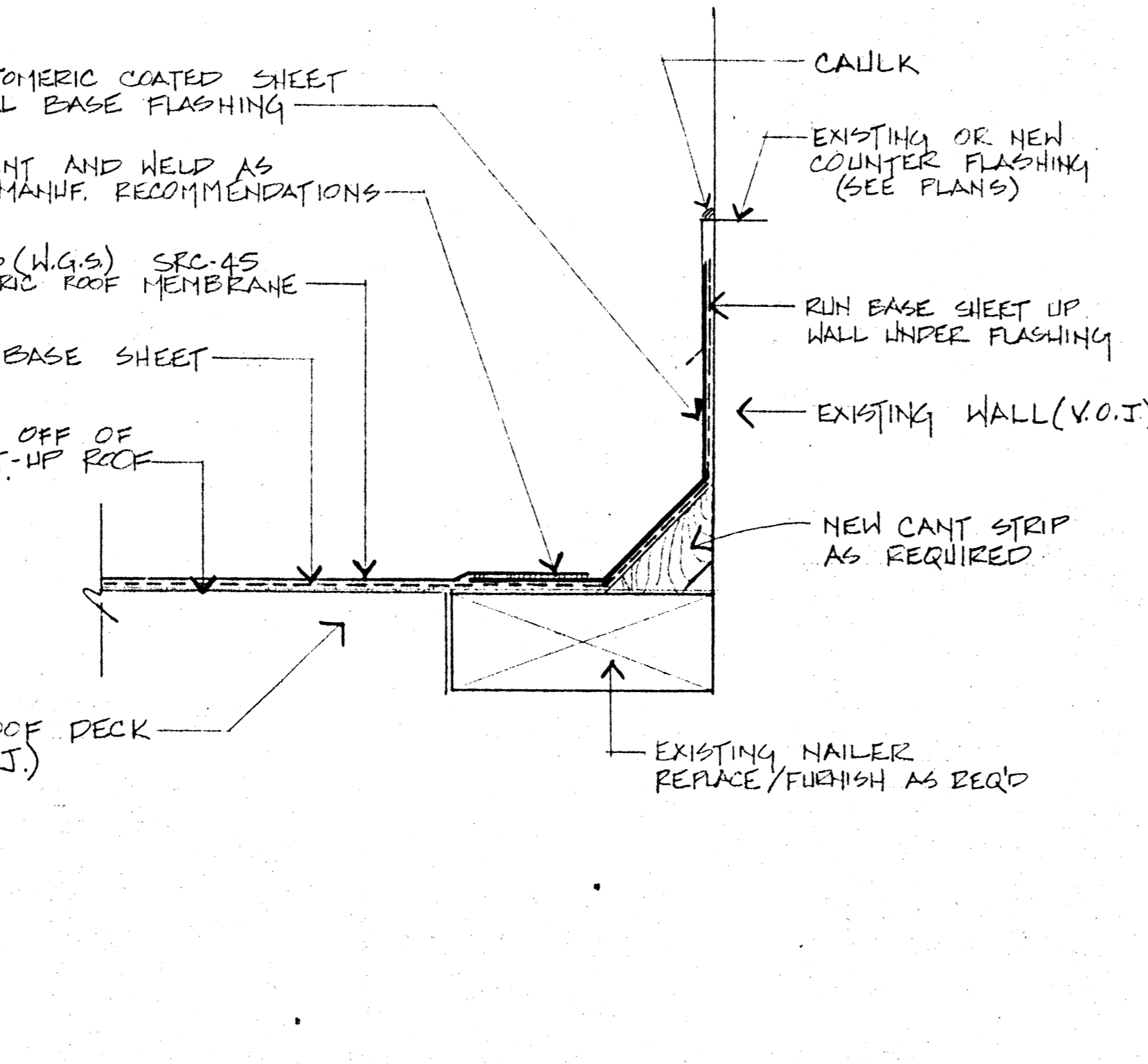
3 TYPICAL PITCH PAN DETAIL @  
9 BALLASTED ELASTOMERIC ROOF



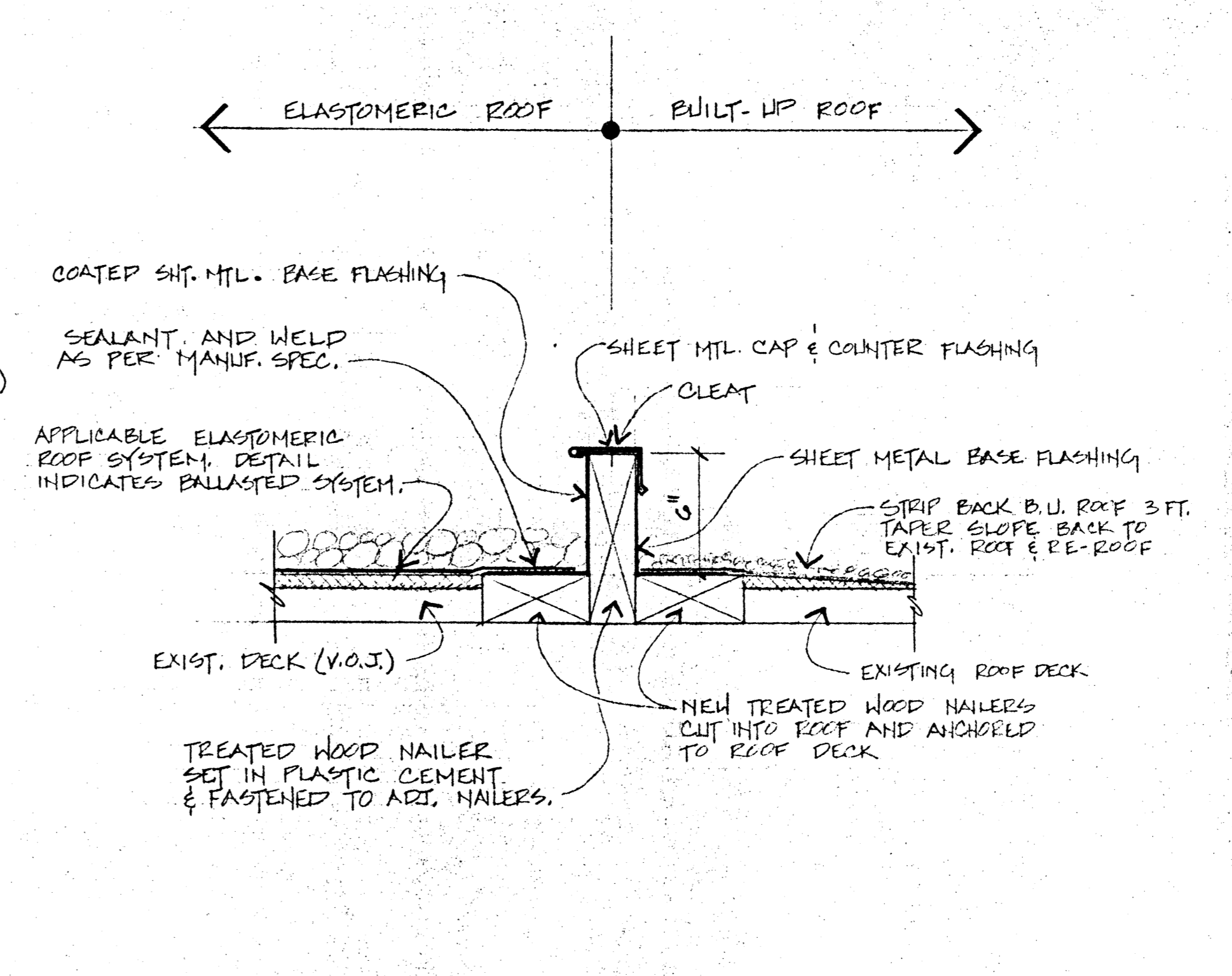
4 TYPICAL VENT PIPE DETAIL @  
9 BALLASTED ELASTOMERIC ROOF



5 TYPICAL EAVE DETAIL @ SMOOTH  
9 SURFACE ELASTOMERIC ROOF



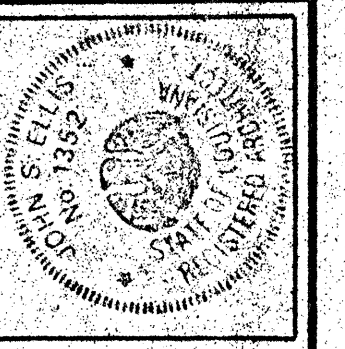
6 TYPICAL FLASHING DETAIL @  
9 SM. SURFACE ELASTOMERIC ROOF



7 TYP. TRANSITION BETWEEN B.U. ROOF &  
9 ELASTOMERIC MBR. ROOF SYSTEM(S)

GENERAL NOTES  
ELASTOMERIC ROOF SYSTEMS

- Elastomeric roof details as shown on this sheet are typical and shall apply to ALTERNATE BID NO.1 on all four (4) re-roofing projects covered by these plans.
- Contractors shall verify all existing conditions, dimensions, etc. at the jobsites and shall provide all materials and accessories required to adapt respective roof systems in order to accomplish all work as called for in the BASE BID plans and specifications.
- Provide new elastomeric coated sheet metal as required to fit all conditions as outlined in the BASE BID drawings. Size of sheet metal shall be increased or decreased as required to meet manufacturer's specifications for each individual situation.
- All elastomeric roofing work shall be performed in strict accordance with manufacturer's specifications. Procedures shall be as required by manufacturer in order to furnish a five (5) year roof warranty with a five (5) year renewable option.

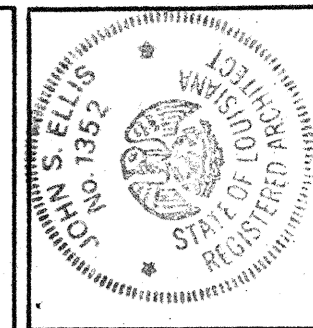


JOB	BO208, 07, 10, 11.
DATE	FEB. 11, 1980

ELASTOMERIC ROOF SYSTEM DETAILS (ALT. No. 1):  
 - ABNEY ELEMENTARY SCHOOL  
 - BOYET JR. HIGH SCHOOL  
 - SIXTH WARD JR. HIGH GYMNASIUM  
 - SLIDELL HIGH SCHOOL - PHASE II  
 ST. TAMMANY PARISH, LOUISIANA

**JOHN S. ELLIS**  
 ARCHITECT INC.  
 801 CONGRESS LAFAYETTE, LA. PH. 833-1938

ERS-1	
TO	9
NO	9

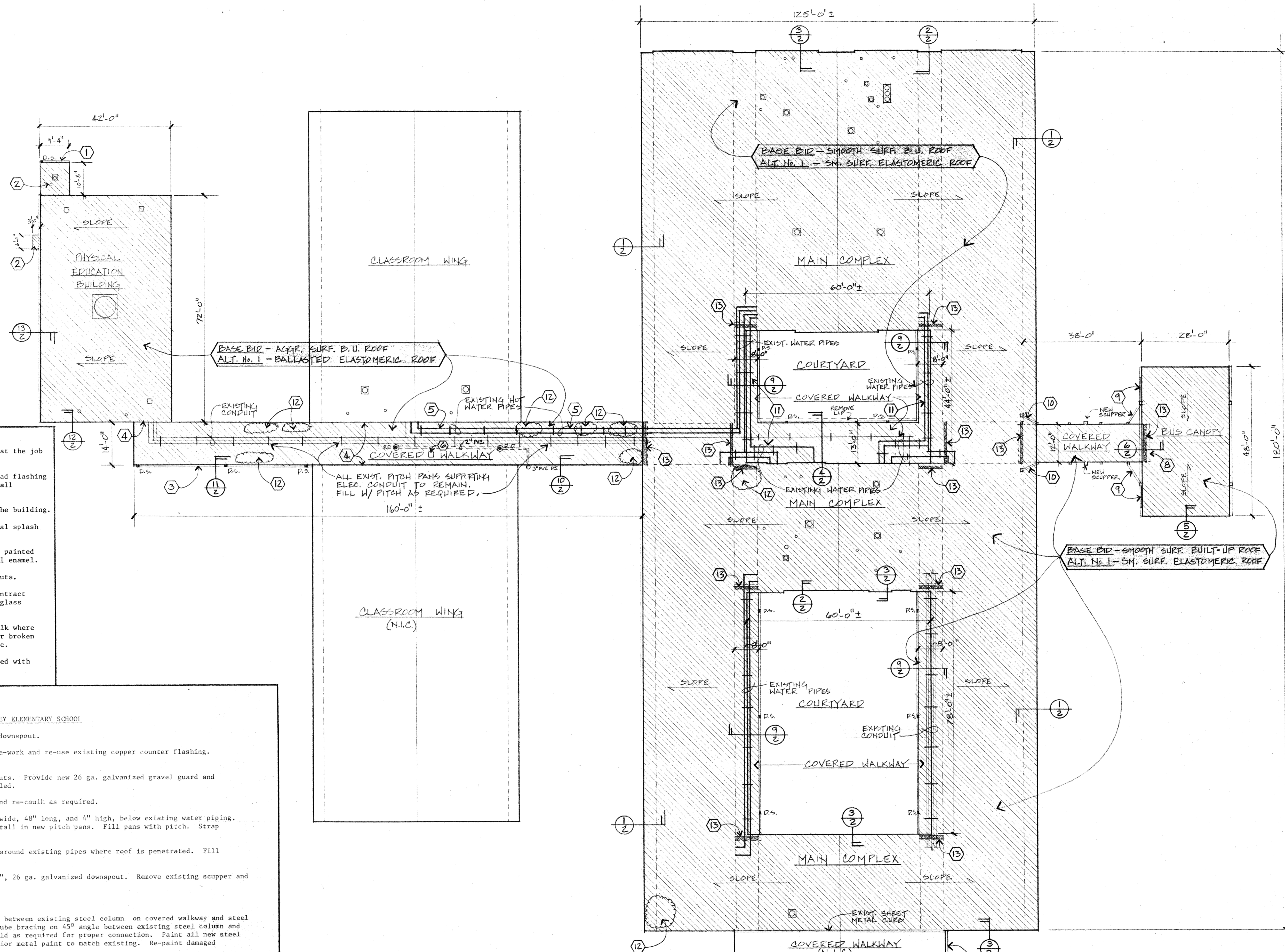


JOHN S. ELLIS  
ARCHITECT IN C.  
801 CONGRESS LAFAYETTE, LA. PH. 833-1338

RE-ROOFING AT:  
**ABNEY ELEMENTARY SCHOOL**  
SLIDELL, LOUISIANA

**JOHN S. ELLIS**  
ARCHITECT IN C.  
801 CONGRESS LAFAYETTE, LA. PH. 833-1338

AB-1  
TO 1  
9

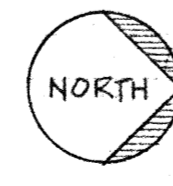


**GENERAL NOTES**

- Contractor shall verify all existing conditions and dimensions at the job site.
- Re-use all existing vent stacks, ventilators, etc.. Replace lead flashing at vent stacks as required. Install built-up base flashing at all ventilators, etc., mounted on curbs.
- All new and existing downspouts shall be securely fastened to the building.
- Contractor shall remove, store, and re-install all existing metal splash pans, etc..
- All galvanized metal shall have paint grip texture and shall be painted with one coat exterior metal primer and two coats exterior metal enamel.
- Provide new 15" x 24" concrete splash blocks at all new downspouts.
- Clean out, straighten, and re-attach all existing gutters in contract areas as required. Patch broken or cracked portions with fiberglass membrane and mastic or new sheet metal.
- Straighten and repair all metal flashing to be re-used. Re-caulk where flashing is pulled loose from masonry. Inspect all flashing for broken joints and patch as required with fiberglass membrane and mastic.
- All new wood which is exposed after installation shall be painted with two coats exterior latex paint.

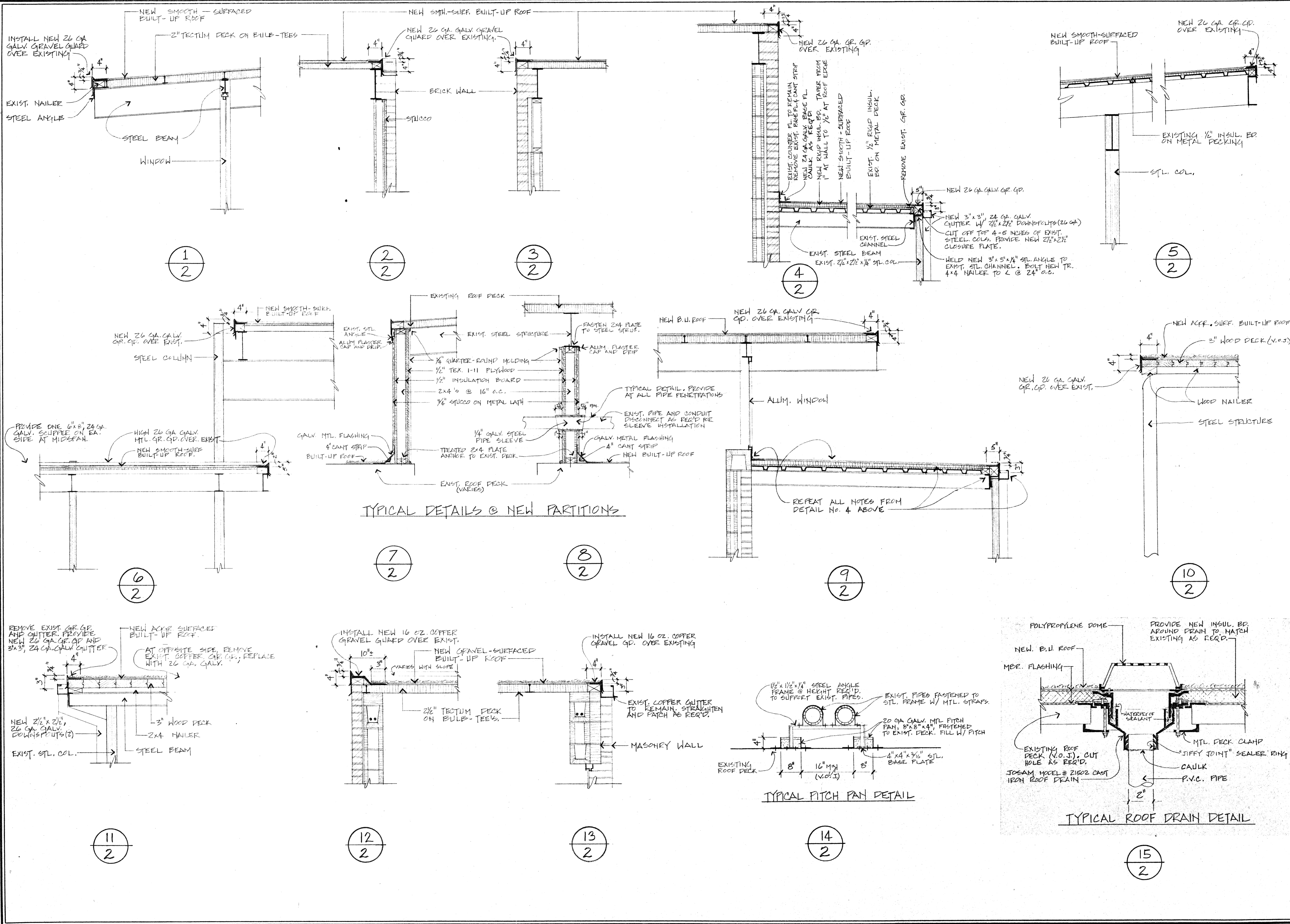
- SPECIAL NOTES - ABNEY ELEMENTARY SCHOOL**
- 1 Provide new 16 oz. copper, 3" x 3" gutter and 2 1/2" x 2 1/2" downspout.
  - 2 Provide new 16 oz. copper gravel guard over existing; re-work and re-use existing copper counter flashing. Install new built-up roof and built-up base flashing.
  - 3 Remove existing copper gravel guard, gutter, and downspouts. Provide new 26 ga. galvanized gravel guard and downspouts, and a new 24 ga. galvanized gutter, as detailed.
  - 4 Re-use existing counter flashing. Straighten, repair, and re-caulk as required.
  - 5 Provide eight (8) new 24 ga. galvanized pitch pans, 12" wide, 48" long, and 4" high, below existing water piping. Remove existing 4" x 4" nailers, trim to fit, and re-install in new pitch pans. Fill pans with pitch. Strap piping to blocking.
  - 6 Provide new 12" x 12" x 3", 24 ga. galvanized pitch pan around existing pipes where roof is penetrated. Fill pan with pitch.
  - 7 Provide new 4" x 5", 24 ga. galvanized gutter and 4" x 4", 26 ga. galvanized downspout. Remove existing scupper and modify gravel guard as required.
  - 8 Remove existing gutter and downspout and discard.
  - 9 Provide new 3" x 3" x 1/2" steel tube bracing horizontally between existing steel column on covered walkway and steel column on bus canopy. Provide new 4" x 4" x 1/2" steel tube bracing on 45° angle between existing steel column and perimeter I-beam at bus canopy. Cut tubes to fit and weld as required for proper connection. Paint all new steel with one coat exterior metal primer, and two coats exterior metal paint to match existing. Re-paint damaged existing surfaces as required.
  - 10 Provide new 3" x 3" x 1/2" steel tube brace horizontally between existing steel column on covered walkway and existing steel column on face of main complex building. Cut tubes to fit and weld as required for proper connection. Paint all new steel with one coat exterior metal primer and two coats exterior metal paint to match existing.
  - 11 Remove all deteriorated pitch pans under existing water lines. Provide 8-10 new pairs of 24 ga. galvanized pitch pans as detailed. Install with new roof and fill with pitch. (SEE DETAIL No. 14, SHT. No. 2)
  - 12 Remove roof membrane and expose existing decking. Replace deteriorated decking with new to match existing. Provide new insulation board to match where applicable.
  - 13 Remove existing partition between low and high roofs. Temporarily remove any existing mechanical or electrical equipment necessary for work to proceed. Provide new partition between roofs as detailed. Re-install all mechanical and electrical equipment removed for construction. (SEE DETAIL Nos 7 & 8, SHT. No. 2.)

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



**LEGEND**

	- AREA TO BE RE-ROOFED
	- SPECIAL NOTES (SEE LIST @ LEFT)
	- NEW DOWNSPOUT
	- REPLACE BAD DECKING
	- NEW ROOF DRAIN

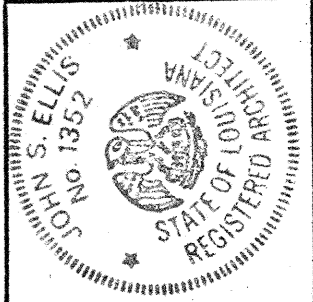


TYPICAL DETAILS @ NEW PARTITIONS

TYPICAL PITCH PAN DETAIL

TYPICAL ROOF DRAIN DETAIL

RE-ROOFING AT: <b>ARNEY ELEMENTARY SCHOOL</b> SLIDELL, LOUISIANA	JOB NO. 80208 DATE FEB. 11, 1980
<b>JOHN S. ELLIS</b> ARCHITECT IN CHARGE 801 CONGRESS LAFAYETTE, LA. PH. 833-1338	
TO 2 9	AB-2



JOB	80209
DATE	FEB. 11, 1960

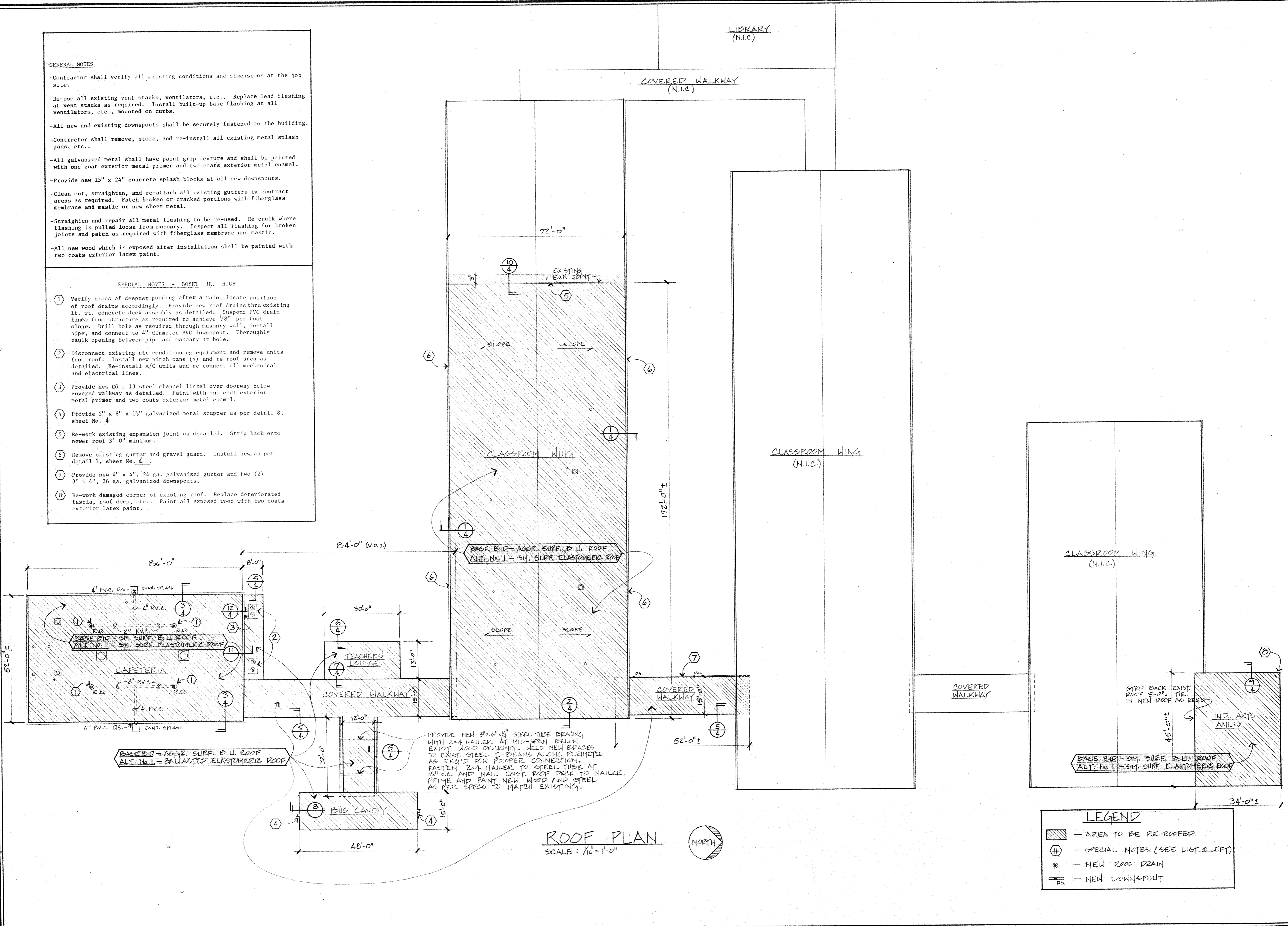
RE-ROOFING AT:  
**BOYET JR. HIGH SCHOOL**  
 SLIDELL, LOUISIANA

**JOHN S. ELLIS**  
 ARCHITECT IN C.  
 801 CONGRESS LAFAYETTE, LA. PH 533-1938

TO	9
NO	3
B-1	

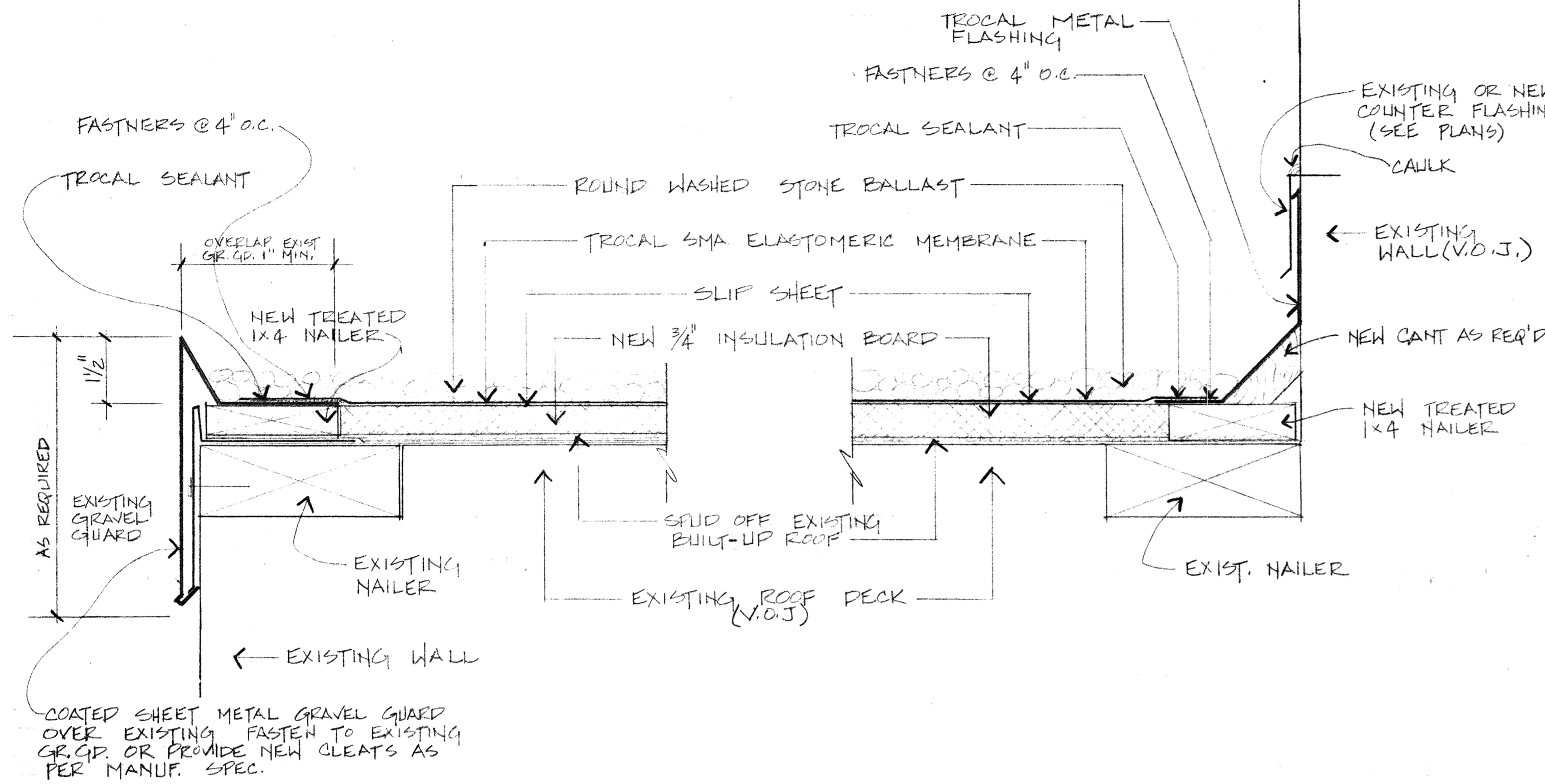
- GENERAL NOTES**
- Contractor shall verify all existing conditions and dimensions at the job site.
  - Re-use all existing vent stacks, ventilators, etc.. Replace lead flashing at vent stacks as required. Install built-up base flashing at all ventilators, etc., mounted on curbs.
  - All new and existing downspouts shall be securely fastened to the building.
  - Contractor shall remove, store, and re-install all existing metal splash pans, etc..
  - All galvanized metal shall have paint grip texture and shall be painted with one coat exterior metal primer and two coats exterior metal enamel.
  - Provide new 15" x 24" concrete splash blocks at all new downspouts.
  - Clean out, straighten, and re-attach all existing gutters in contract areas as required. Patch broken or cracked portions with fiberglass membrane and mastic or new sheet metal.
  - Straighten and repair all metal flashing to be re-used. Re-caulk where flashing is pulled loose from masonry. Inspect all flashing for broken joints and patch as required with fiberglass membrane and mastic.
  - All new wood which is exposed after installation shall be painted with two coats exterior latex paint.

- SPECIAL NOTES - BOYET JR. HIGH**
- Verify areas of deepest ponding after a rain; locate position of roof drains accordingly. Provide new roof drains thru existing 1t. wt. concrete deck assembly as detailed. Suspend PVC drain lines from structure as required to achieve 1/8" per foot slope. Drill hole as required through masonry wall, install pipe, and connect to 4" diameter PVC downspout. Thoroughly caulk opening between pipe and masonry at hole.
  - Disconnect existing air conditioning equipment and remove units from roof. Install new pitch pans (4) and re-roof area as detailed. Re-install A/C units and re-connect all mechanical and electrical lines.
  - Provide new C6 x 13 steel channel lintel over doorway below covered walkway as detailed. Paint with one coat exterior metal primer and two coats exterior metal enamel.
  - Provide 5" x 8" x 1 1/2" galvanized metal scupper as per detail 8, sheet No. 4.
  - Re-work existing expansion joint as detailed. Strip back onto newer roof 3'-0" minimum.
  - Remove existing gutter and gravel guard. Install new, as per detail 1, sheet No. 4.
  - Provide new 4" x 4", 24 ga. galvanized gutter and two (2) 3" x 4", 26 ga. galvanized downspouts.
  - Re-work damaged corner of existing roof. Replace deteriorated fascia, roof deck, etc.. Paint all exposed wood with two coats exterior latex paint.



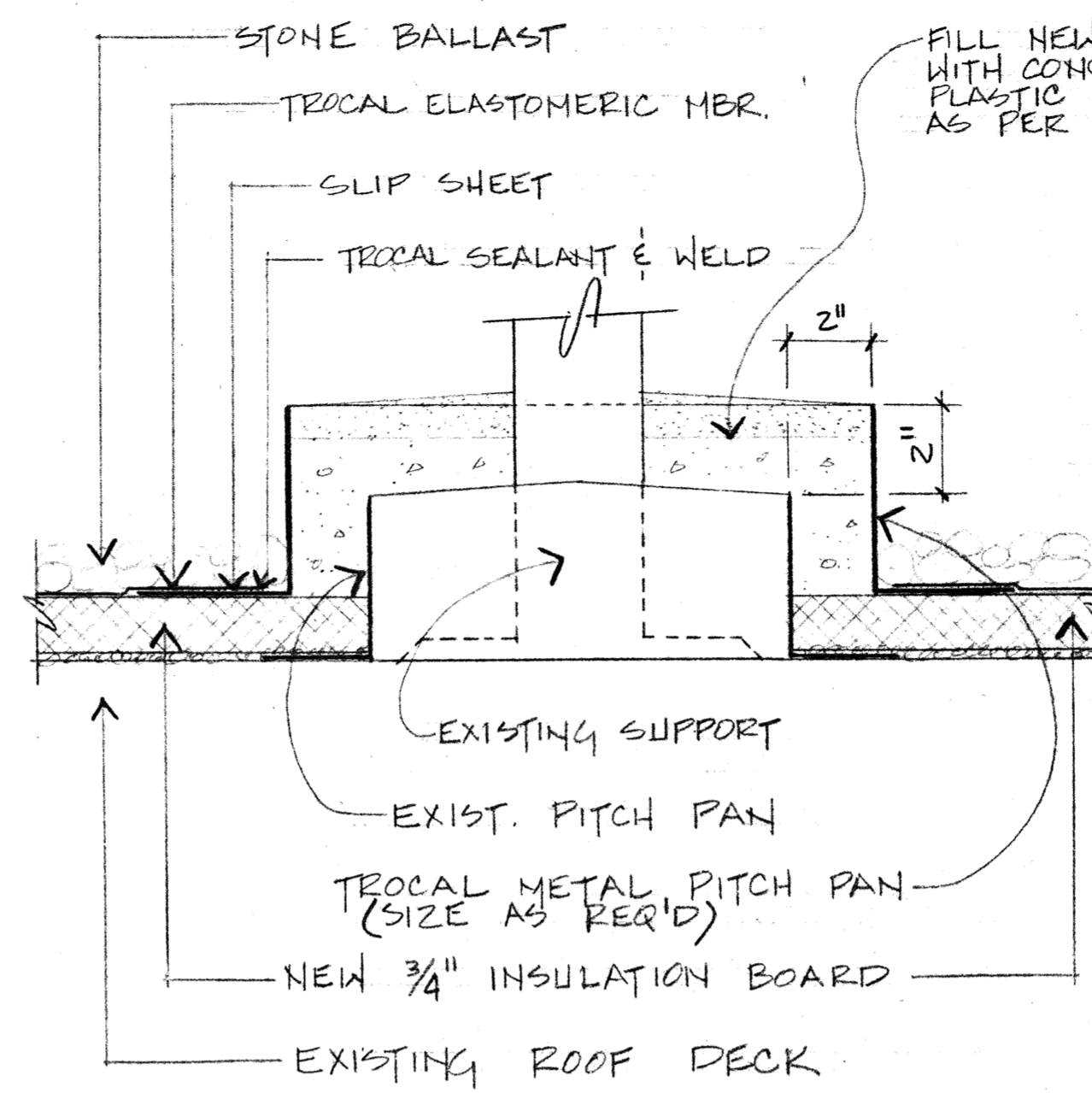
**LEGEND**

	- AREA TO BE RE-ROOFED
	- SPECIAL NOTES (SEE LIST @ LEFT)
	- NEW ROOF DRAIN
	- NEW DOWNSPOUT



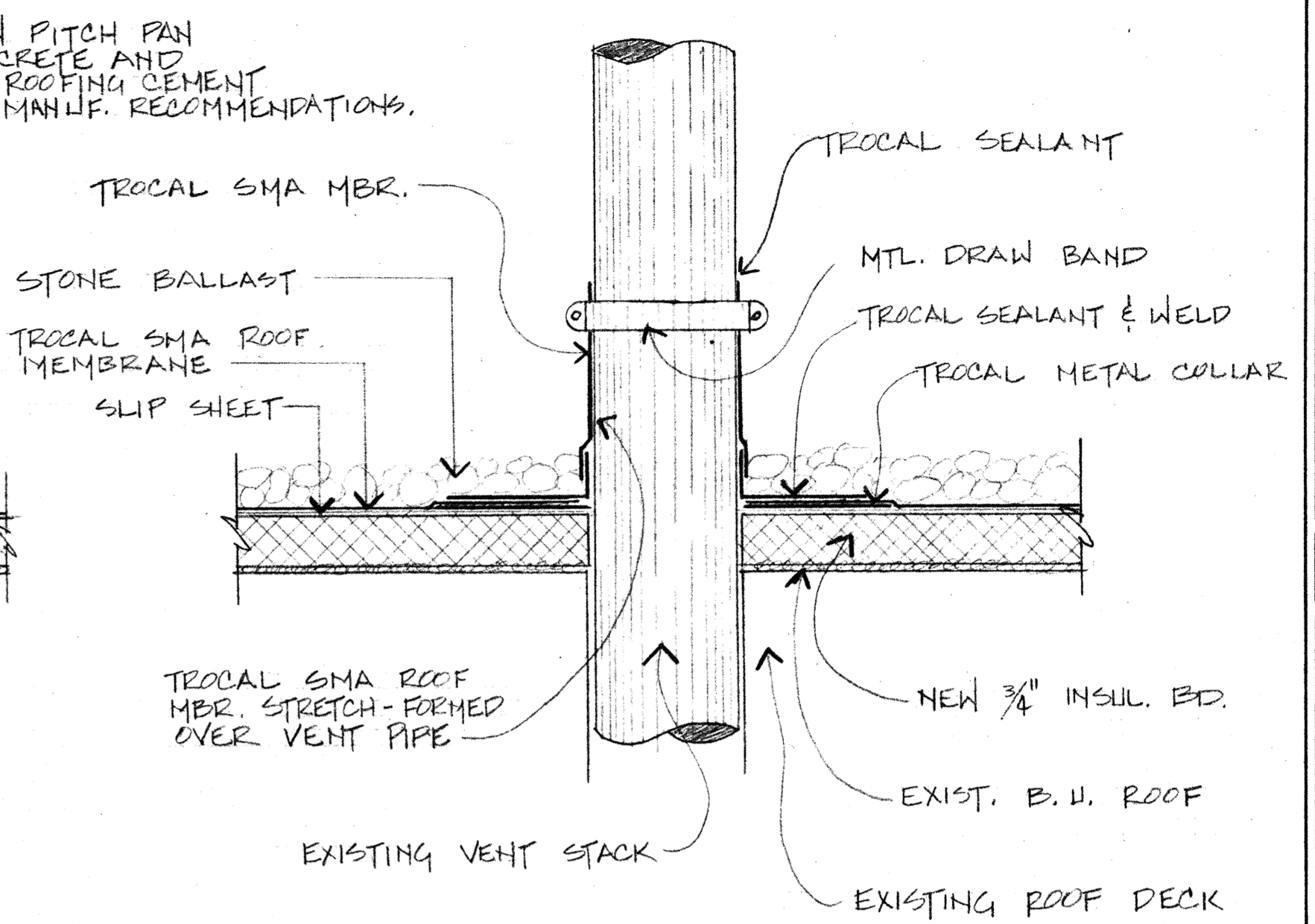
1 TYPICAL EAVE DETAIL @  
9 BALLASTED ELASTOMERIC ROOF

2 TYP. FLASHING DETAIL @  
9 BALLASTED ELAST. ROOF



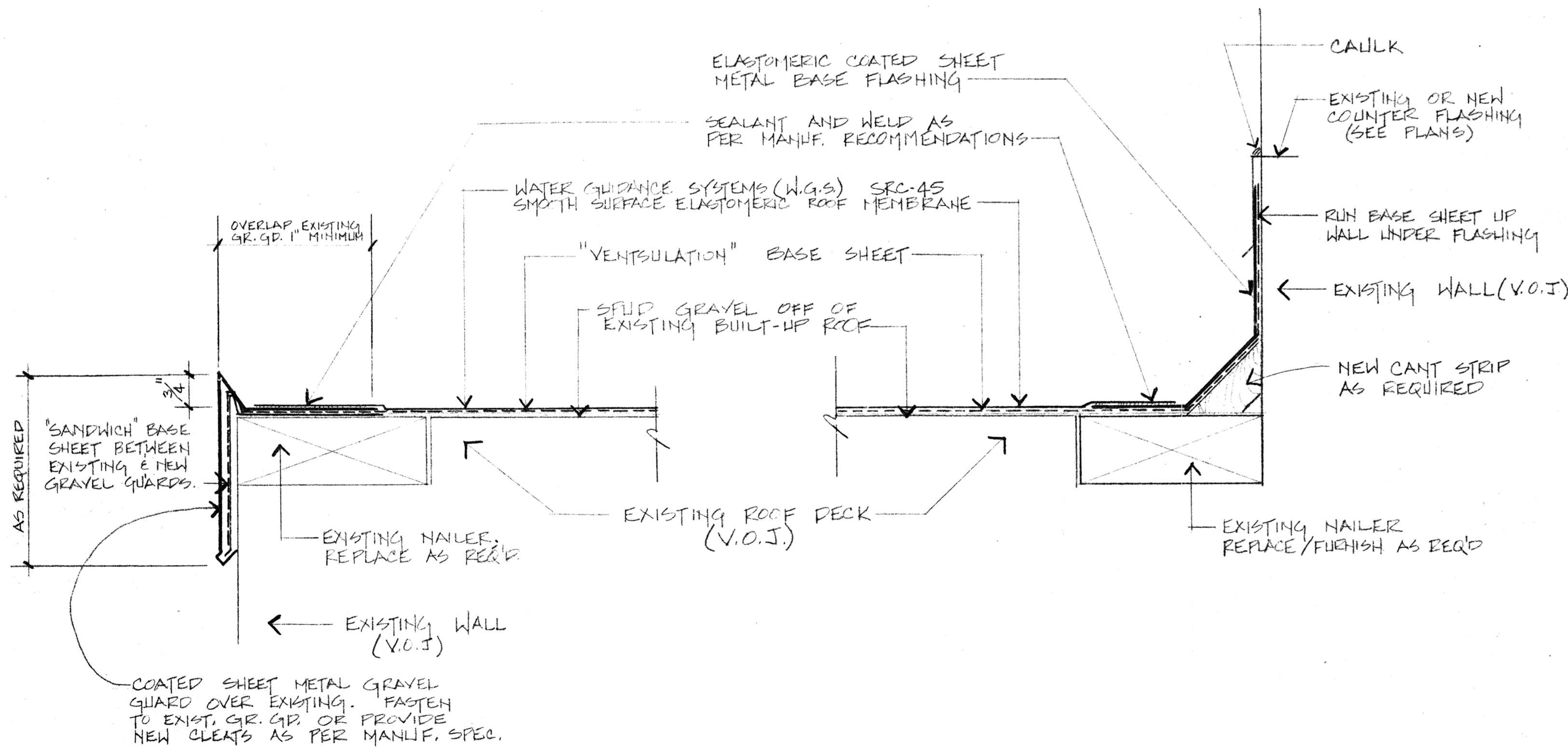
3 TYPICAL PITCH PAN DETAIL @  
9 BALLASTED ELASTOMERIC ROOF

MODIFY DETAIL AT SMOOTH SURFACE ROOF AS PER MANUF. SPECIFICATIONS.



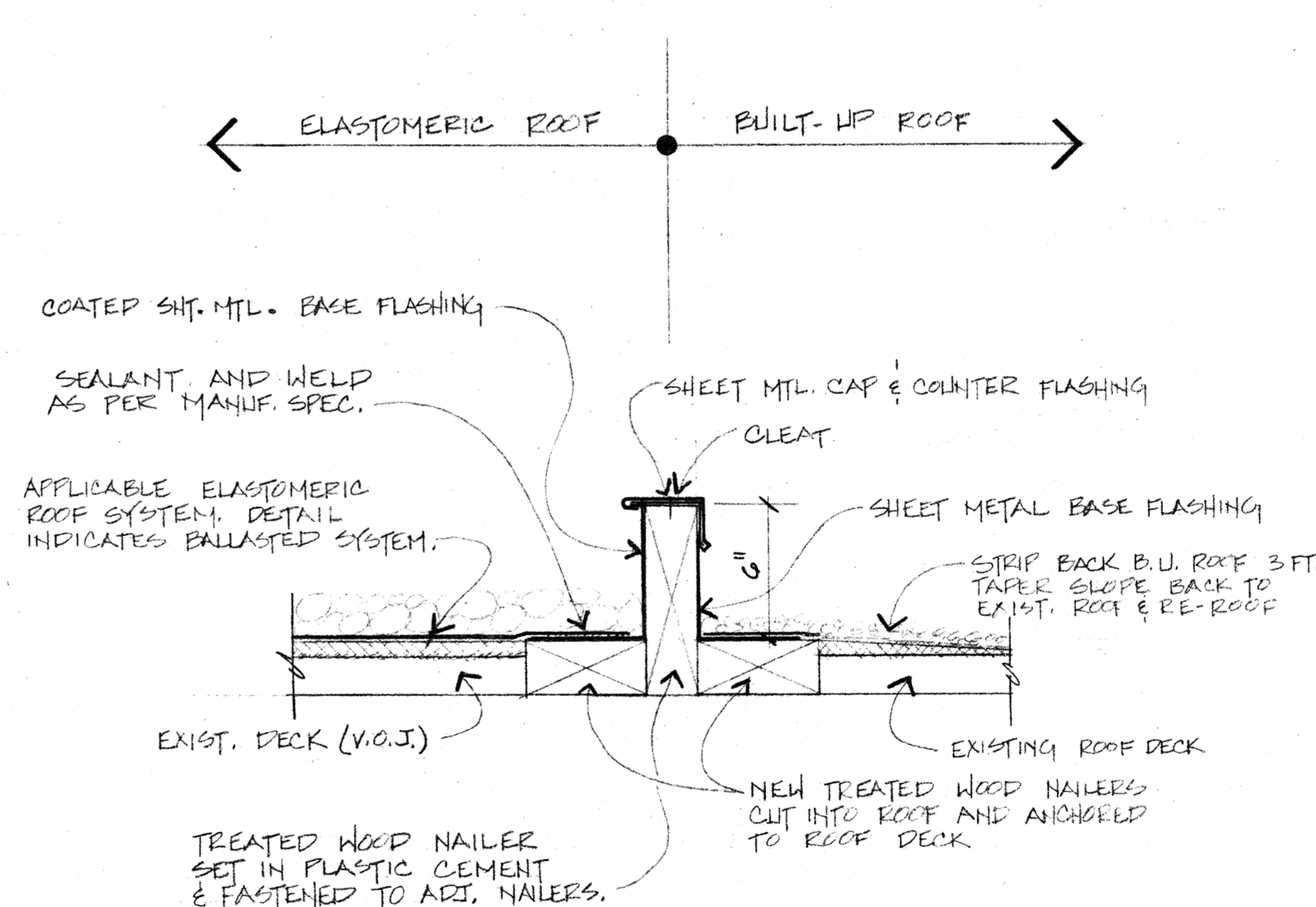
4 TYPICAL VENT PIPE DETAIL @  
9 BALLASTED ELASTOMERIC ROOF

MODIFY DETAIL @ SMOOTH SURFACE ROOF AS REQ'D TO MEET MANUF. SPECIFICATIONS



5 TYPICAL EAVE DETAIL @ SMOOTH  
9 SURFACE ELASTOMERIC ROOF

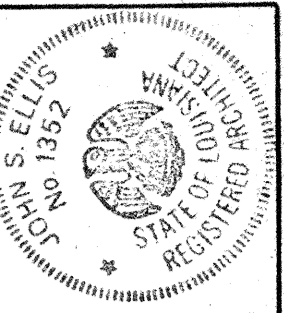
6 TYPICAL FLASHING DETAIL @  
9 SM. SURFACE ELASTOMERIC ROOF



7 TYP. TRANSITION BETWEEN B.U. ROOF &  
9 ELASTOMERIC MBR. ROOF SYSTEM(S)

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DATE	FEB. 11, 1980

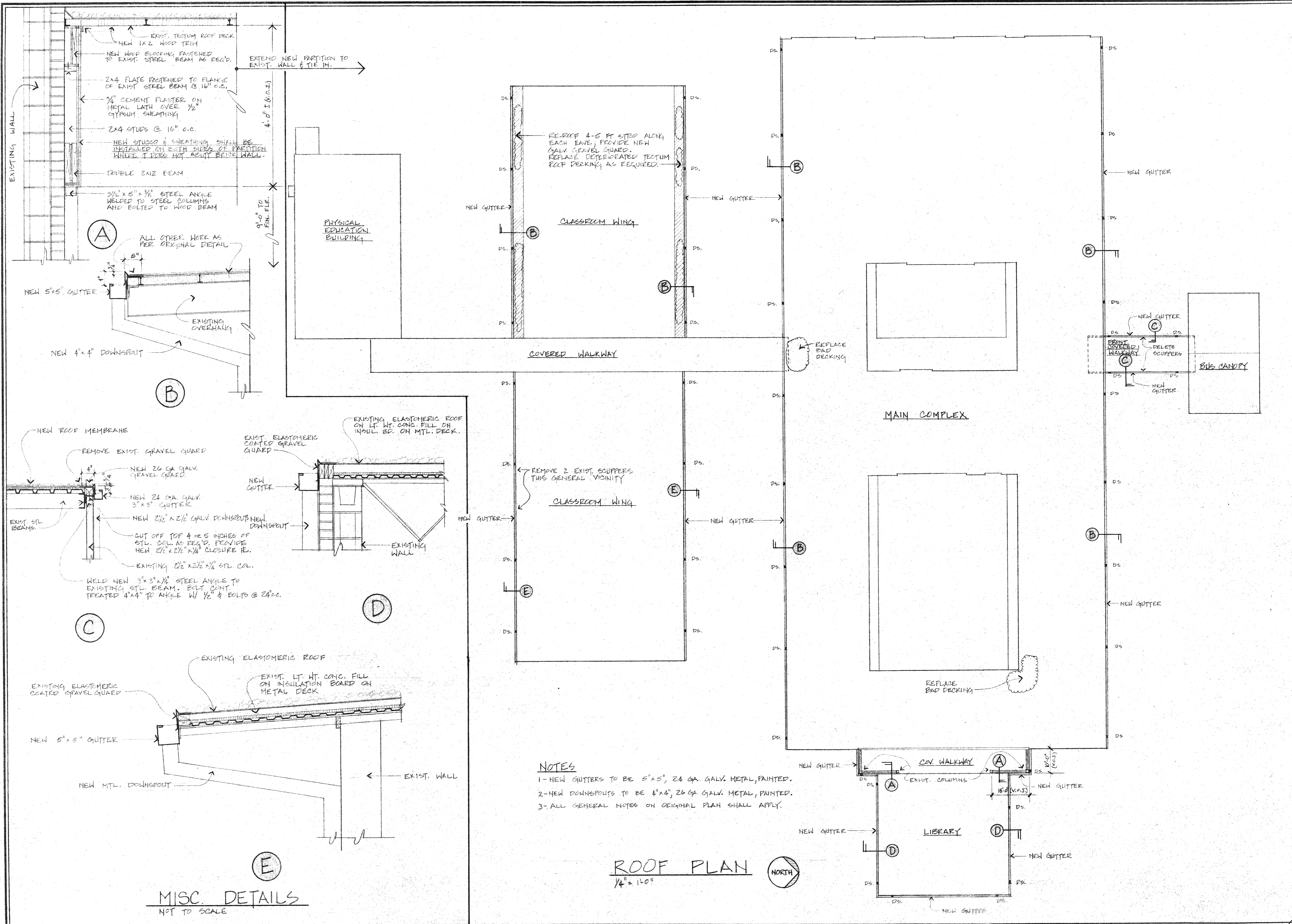
ELASTOMERIC ROOF SYSTEM DETAILS (ALT. NO. 1):

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  - BOYET JR. HIGH SCHOOL
  - SIXTH WARD JR. HIGH SCHOOL - PHASE II
  - SLIDELL HIGH SCHOOL
- ST. TAMMANY PARISH, LOUISIANA

**JOHN S. ELLIS**  
A R C H I T E C T I N C.  
801 CONGRESS LAFAYETTE, LA. PH. 833-1338

ERS-1

NO	9
REV	9



JOB	B-0208
DATE	FEB 26, 1980
APPENDUM No. 1 - RE-ROOFING AT: <b>AGNEY ELEMENTARY SCHOOL</b> SLUPELL, LA.	
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