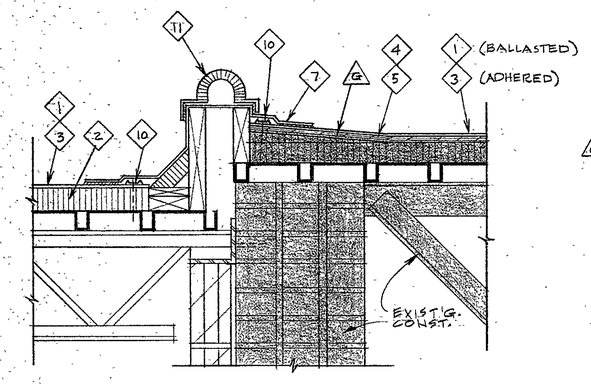
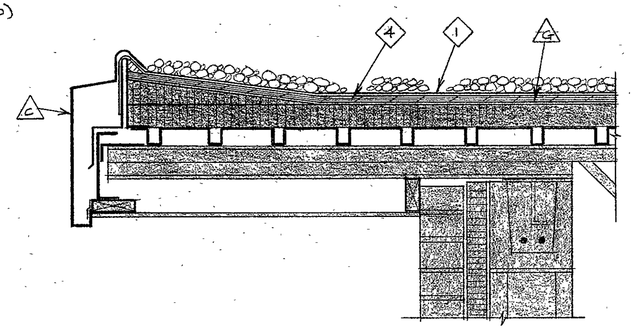
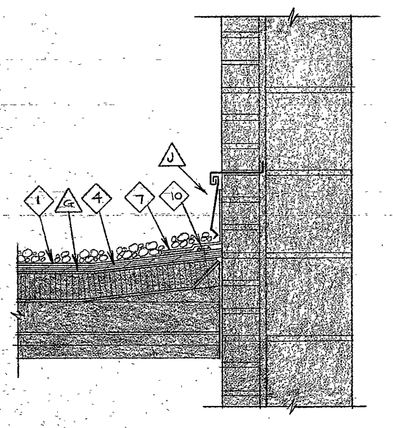


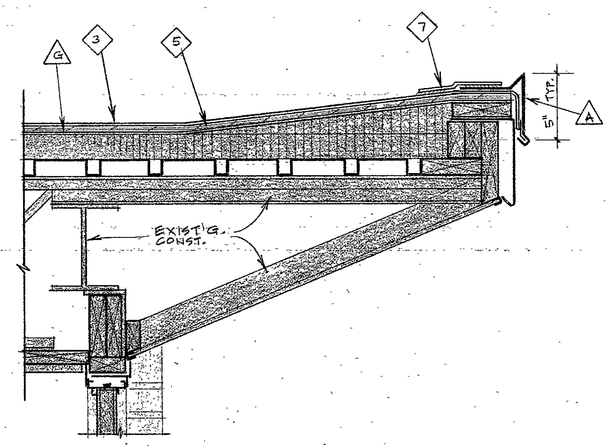
1 / A-24y EXP. JT. DETAIL
1½" = 1'-0"



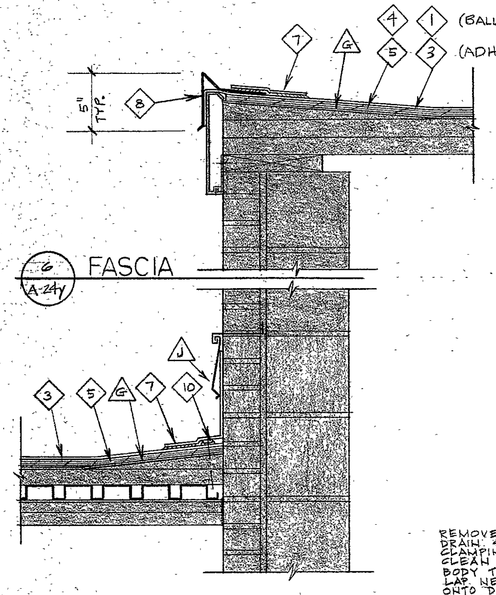
2 / A-24y FASCIA DETAIL
1½" = 1'-0"



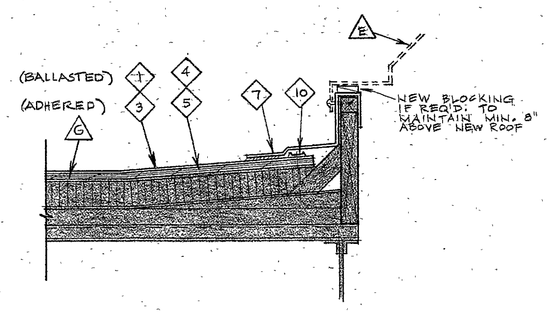
3 / A-24y DETAIL
1½" = 1'-0"



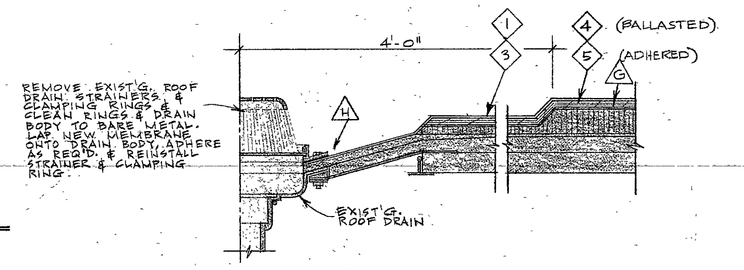
4 / A-24y FASCIA DETAIL
1½" = 1'-0"



6 / A-24y FASCIA
1½" = 1'-0"

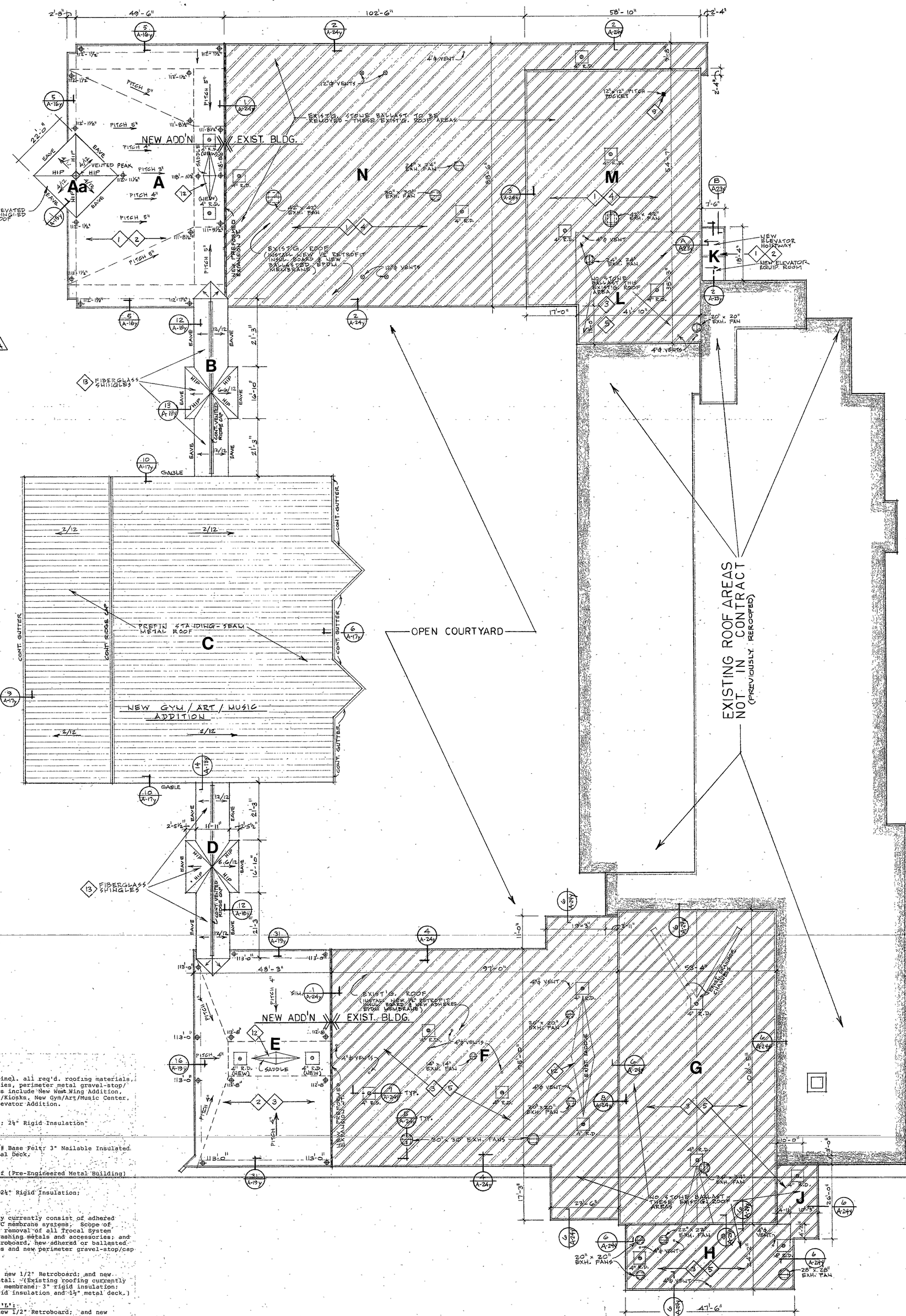


5 / A-24y EXH CURB DETAIL
1½" = 1'-0"



8 / A-24y DETAIL
1½" = 1'-0"

7 / A-24y ROOF DRAIN DETAIL
1½" = 1'-0"



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

YOST ELEMENTARY SCHOOL ROOF NOTES

DEMOLITION NOTES

1. Remove existing metal flashing/or drip edge.
2. Remove existing pitch pockets.
3. Remove & reinstall existing fascia panels. (Panels need to be reinstalled plumb and true with joints properly aligned).
4. Remove & discard existing fascia panels.
5. Raise existing vent & fan curbs if req'd. as shown to maintain min. 8" ht. above new roof.
6. Generally: Sweep off existing ballast where shown and save for reuse over new roof membrane.
7. "Score-cut" through existing Trocal PVC roofing at roof perimeter around curbs, expansion joints, at changes in roof height, etc. Remove all Trocal vent pipe flashings. "Score-cut" existing Trocal roof membrane sheets into 10 ft. x 10 ft. pieces. (Contractor may remove Trocal membrane entirely in lieu of score-cutting if so desired).
8. Cut existing PVC membrane loose from roof drains/sumps.
9. Remove existing Trocal vertical metal flashing panel and cant.

GENERAL NOTES

1. Also see Roofing Spec. Section 07550 for detail drawings, including typical details for pipe flashing, pitch pockets, parapets, roof vents, etc. (These details may vary somewhat per Mfg's.).
2. All details shown on drawing (except sheet metal coping & gravel stop) will vary somewhat per Mfgr's. standard details.
3. "Existing Construction" conditions shown on Drawings are given to assist Bidders in preparing their Proposal. These details approximate existing configurations & dimensions and will vary somewhat in the field. It remains the Contractor's responsibility to visit the Project & ascertain existing conditions to his own satisfaction.

SPECIFIC NOTES

1. New single ply .045" membrane roofing (ballasted).
2. New 2.3" faced Isocyanurate insulation over 1½" metal deck. Adhere or fasten insulation in place to hold position until membrane and 10 lb./sq. ft. stone ballast is placed. (Ballasted Membrane System). Mechanically fasten insulation to deck w/3" x 3" plates & screws at min. one fastener per 2 sq. ft. to achieve I-90 wind rating (Adhered Membrane).
3. New single-ply .060" membrane roofing. (Adhered).
4. New perlite-based 1/2" "Retro-Fit" insulation board over ballasted roof area. Adhere or fasten insulation in place to hold position until membrane & 10 lb./sq. ft. stone ballast is placed. Reuse existing stone ballast & furnish additional ballast if necessary to meet uplift requirements.
5. New 1/2" Retroboard (faced fiberboard) underlayment board mechanically attached over existing 4" x insulation. Fasten w/3" x 3" plates & screws at min. one fastener per 2 sq. ft. to achieve I-90 wind rating. Screws to penetrate steel deck min. 1". Use with adhered EPDM Rubber Roof.
6. New treated blocking, nominal 1" & 2" thickness as detailed. Spike or screw to existing construction for I-90 uplift rating.
7. New flashing strip bonded per Mfgr's. recommendations.
8. New prefinished metal gravel stop or flashing as detailed with concealed clips.
9. New metal dam extension to raise pitch pocket. Maintain min. 2" above new roof.
10. Continuous SPM anchor bar.
11. New Manville Expando-Flash EJ expansion joint cover.
12. New tapered Fesco board saddle as shown.
13. New Fiberglass shingles over 30# felt over 3" nailable composite roof insulation board.

ROOFING SCHEDULE

NEW ROOFING AREAS:
Install complete new roofs, incl. all req'd. roofing materials, insulation, drains, accessories, perimeter metal gravel-stop/caps and fascias etc.. Areas include New West Wing Addition, New Corridor Connecting Link/Kiosks, New Gym/Art/Music Center, New East Addition and New Elevator Addition.

AREAS 'A' & 'K':
Ballasted EPDM Membrane; 2½" Rigid Insulation; 1½" Metal Deck;

AREAS 'Aa', 'B', & 'D':
Fiberglass Shingles; 30# Base Felt; 3" Nailable Insulated Composite Deck; 1½" Metal Deck.

AREA 'C':
Standing Seam Metal Roof (Pre-Engineered Metal Building)

AREA 'E':
Adhered EPDM membrane; 2½" Rigid Insulation; 1½" Metal Deck.

REROOFING AREAS:
Existing Roof Areas typically currently consist of adhered or ballasted Trocal Brand PVC membrane systems. Scope of reroofing work shall include removal of all Trocal System materials incl. membrane, flashing metals and accessories; and installation of new 1/2" Retroboard, new adhered or ballasted EPDM membrane roofing systems and new perimeter gravel-stop/cap metal trim.

AREAS 'M' & 'N':
New Ballasted EPDM membrane; new 1/2" Retroboard; and new perimeter gravel-stop/cap metal. (Existing roofing currently consists of adhered Trocal membrane; 3" rigid insulation; 4-ply built-up roof; 1½" rigid insulation and 1½" metal deck.)

AREAS 'F', 'G', 'H', 'J', & 'L':
New Adhered EPDM membrane; new 1/2" Retroboard; and new perimeter gravel-stop/cap metal. (Existing roofing currently consists of adhered Trocal membrane; 3" rigid insulation; 4-ply built-up roof; 1/2" Rigid Insulation; and 2" poured gypsum deck over 1/2" formboard on bulb-tees.)

REVISIONS	BY

1994 BUILDING ADDITIONS & RENOVATION PROJECTS
CHESTERTON SCHOOL CORPORATION
DUNE LAND
chesterton, indiana

geronella & kinel architects, inc.

ROOF PLAN

DATE	3/17/94.
SCALE	AS NOTED
DRAWN	TLA.
JOB	9315
SHEET	A-24Y
OF 55 SHEETS	

STOCKDRAFTING CORP. 330 RC CLAIREMONT RD. SAN MATEO, CA. 94403
STOCKDRAFTING FORM NO. 101-56

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