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PROJECT:

ROOF REPLACEMENT

THE ROUDENBUSH COMMUNITY CENTER

65 MAIN STREET,
WESTFORD, MA 01886

TOWN OF WESTFORD

AWARDING AUTHORITY:

TOWN OF WESTFORD
c/o THE ROUDENBUSH COMMUNITY CENTER
65 Main Street
WESTFORD, MA 01886

REPRESENTATIVE:

Ms. PATTI MASON
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ARCHITECT:

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PROJECT
ROOF REPLACEMENT
THE ROUDENBUSH COMMUNITY CENTER
WESTFORD, MA
LPBA / ARCHITECTS INC.
28 PENNIMAN, BOSTON, MA 02134 617 / 782-9131 fax: 617/782-9141
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DATE
October 20, 1999

SCALE

REVISIONS

TITLE
COVER SHEET

SHEET NO.

C1

GENERAL DEMOLITION NOTES

1. GENERAL
 - A. SUBMIT FOR APPROVAL SELECTIVE DEMOLITION SCHEDULE AND LIST OF COMPANIES SCHEDULED TO RECEIVE RECYCLABLE DEMOLITION MATERIALS.
 - B. USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK OF THIS SECTION.
 - C. ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL OTHER LOCAL, STATE AND FEDERAL AGENCIES AND AUTHORITIES HAVING JURISDICTION.
 - D. OBTAIN AND PAY FOR ALL PERMITS REQUIRED TO PERFORM THE DEMOLITION WORK AS REQUIRED BY ALL AGENCIES AND AUTHORITIES HAVING JURISDICTION.
 - E. DEMOLITION CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR ALL TOWN OF WESTFORD REQUIREMENTS FOR PROTECTION OF PERSONS, PROPERTY, TRAFFIC CONTROL, BARRICADES, ETC. FOR THE DURATION OF THE DEMOLITION CONTRACT.
 - F. GENERAL CONTRACTOR SHALL COORDINATE A SCHEDULE FOR DEMOLITION OF SPECIFIC ITEMS TO CONFORM WITH SCHEDULING FOR OTHER TRADES REQUIRED TO COMPLETE OR PERFORM AS DIRECTLY RELATED PORTION OF THE WORK.
 - G. COORDINATE AND SCHEDULE THE REMOVAL OF EXISTING CONSTRUCTION DEBRIS WITH THE OWNER SO THAT THE LEAST POSSIBLE DISTURBANCE OCCURS TO PERSONNEL AND OPERATIONS.
2. HANDLING
 - A. REMOVE SALVAGE AND DEBRIS FROM THE SITE AS IT ACCUMULATES. DO NOT STORE, SELL, BURN OR OTHERWISE DISPOSE OF DEBRIS ON THE SITE. REMOVE ALL MATERIALS IN SUCH MANNER AS TO PREVENT SPILLAGE. KEEP ALL PAVEMENTS AND AREAS ADJACENT TO AND LEADING FROM THE SITE, CLEAN AND FREE OF MUD, DIRT, AND DEBRIS AT ALL TIMES. ALL MATERIALS SHALL BE DISPOSED OF IN A LEGAL MANNER.
 - B. SORT DEBRIS FOR RECYCLING TO THE EXTENT POSSIBLE. REMOVE OR ARRANGE FOR THE TRANSPORT OF SORTED MATERIALS SCHEDULED TO BE RECYCLED TO APPROPRIATE OFF-SITE FACILITIES EQUIPPED FOR THE RECYCLING OF SPECIFIC MATERIALS AS REQUIRED. PROVIDE CONTAINERIZED DUMPS FOR THE SORTING OF DEMO WASTES AS PROVIDED BY LOCAL COMPANY.
 - C. COORDINATE WITH THE OWNER PRIOR TO THE WORK ALL ITEMS OR EQUIPMENT TO BE SALVAGED FOR REUSE, RELOCATION OR DELIVERY TO THE OWNER.
 - D. ERECT AND MAINTAIN TEMPORARY BRACING, SHORING, LIGHTS, BARRICADES, WARNING SIGNS, AND GUARD NECESSARY TO PROTECT WORKERS, THE PUBLIC AND ADJOINING PROPERTIES FROM INJURY, AND/OR DAMAGE, ALL IN ACCORDANCE WITH APPLICABLE RULES AND REGULATIONS. EXECUTE DEMOLITION WORK TO ENSURE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST DAMAGE BY FALLING DEBRIS.
 - E. THE G.C. SHALL BE RESPONSIBLE FOR SECURING THE PREMISES AND ERECTING PROTECTION AND DUST BARRIERS SUBJECT TO THE APPROVAL OF THE ARCHITECT AND OWNER FOR THE WORK LIMITS AS REQUIRED BY THE PHASED CONSTRUCTION PRIOR TO THE WORK. NO WORK SHALL OCCUR IN EXISTING BUILDING UNTIL PROTECTION AND DUST BARRIERS HAVE BEEN ERECTED AND APPROVED BY THE ARCHITECT AND OWNER. USE ALL MEANS NECESSARY TO PREVENT DUST BECOMING A NUISANCE TO WORKERS, THE PUBLIC, NEIGHBORING BUILDINGS, AND TO OTHER WORK BEING PERFORMED.
 - F. DO NOT DAMAGE BUILDING ELEMENTS AND IMPROVEMENTS INDICATED TO REMAIN. ITEMS OF SALVAGE VALUE WHICH ARE NOT INCLUDED ON SCHEDULE OF SALVAGE ITEMS TO BE RETURNED TO OWNER SHALL BE REVIEWED WITH OWNER AS TO WHETHER THEY CAN BE REMOVED FROM THE PREMISES. STORAGE OR SALE OF ITEMS AT PROJECT SITE IS PROHIBITED. DEMOLISHED MATERIAL SHALL BE COMPLETELY REMOVED FROM THE SITE AND DISPOSED OF USING LEGAL METHODS.
 - G. DO NOT INTERRUPT UTILITIES WITHOUT THE WRITTEN PERMISSION OF THE OWNER OR AUTHORITIES HAVING JURISDICTION. IF NECESSARY, PROVIDE TEMPORARY UTILITIES.
 - H. CEASE OPERATIONS IF PUBLIC SAFETY OR REMAINING STRUCTURES ARE ENDANGERED. PERFORM TEMPORARY CORRECTIVE MEASURES UNTIL OPERATIONS CAN BE CONTINUED PROPERLY.
 - I. MAINTAIN CONTINUOUS ACCESS TO EXISTING AREAS FOR PERSONNEL THROUGHOUT THE PHASED CONSTRUCTION PERIOD.
3. SEQUENCING AND EXECUTION
 - A. BY CAREFUL STUDY OF THE CONTRACT DOCUMENTS, DETERMINE THE LOCATION AND EXTENT OF DEMOLITION TO BE PERFORMED.
 - B. IN COMPANY WITH THE ARCHITECT AND OWNER, VISIT THE SITE AND VERIFY THE EXTENT AND LOCATION OF SELECTIVE DEMOLITION REQUIRED PRIOR TO STARTING THE WORK.
 - 1) CAREFULLY IDENTIFY LIMITS OF SELECTIVE DEMOLITION.
 - 2) MARK INTERFACE SURFACES AS REQUIRED TO ENABLE WORKMEN TO ALSO IDENTIFY ITEMS TO BE REMOVED, ITEMS TO BE LEFT IN PLACE INTACT, ITEMS TO BE SALVAGED, AND ITEMS TO BE REMOVED AND SORTED FOR RECYCLING.
 - C. PREPARE AND FOLLOW ORGANIZED PLAN FOR DEMOLITION AND REMOVAL OF ITEMS.
 - 1) COMPLETELY REMOVE ITEMS SCHEDULED TO BE SO DEMOLISHED AND REMOVED, LEAVING SURFACES CLEAN, SOLID, AND READY TO RECEIVE NEW MATERIALS SPECIFIED ELSEWHERE. IN ALL ACTIVITIES, COMPLY WITH PERTINENT REGULATIONS, GOVERNMENTAL AGENCIES HAVING JURISDICTION.
 - 2) SHORE AND BRACE EXISTING CONDITIONS AS REQUIRED FOR REMOVAL OF EXISTING CONSTRUCTION OR INSTALLATION OF NEW WORK TO ENSURE THE STRUCTURAL INTEGRITY OF THE WORK.
 - D. THIS PROJECT SHALL BE PHASED FOR DEMOLITION AS WELL AS NEW CONSTRUCTION.
 - 1) ALL PHASED DEMOLITION AND REMOVAL WORK SHALL BE COORDINATED WITH THE ARCHITECT INCLUDING THE SCHEDULED DEMOLITION AND REMOVAL OF ALL FINISHES FROM ALL SURFACES.
 - 2) THE BUILDING SHALL REMAIN OPEN AND OCCUPIED DURING THE WORK. ALL PHASES OF WORK TO BE COORDINATE WITH COMMUNITY CENTER DEPARTMENT.
 - E. IN THE EVENT OF DEMOLITION OF ITEMS NOT SO SCHEDULED TO BE DEMOLISHED, PROMPTLY REPLACE SUCH ITEMS TO THE APPROVAL OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
 - F. WHERE EXISTING CONSTRUCTION TO REMAIN IS AFFECTED BY DEMOLITION OR INSTALLATION OF NEW WINDOWS, PATCH, REPAIR OR REPLACE THE WORK AT SURFACES WHICH HAVE BEEN DAMAGED, TO MATCH EXISTING.
 - G. INSTALL AND FINISH EXISTING SURFACES, IF DAMAGED, AS SCHEDULED. CLEAN EXISTING SURFACES OR DIRT, MOLD, MILDEW, SCALE, GREASE AND LOOSE PAINT BEFORE REFINISHING.

LIST OF ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT	OPNG.	OPENING
MAAB	MASSACHUSETTS ARCHITECTURAL ACCESS BOARD	OPP.	OPPOSITE
ACOUS.	ACOUSTICAL	FR.	PAIR
A.D.	AREA DRAIN	PT.	PRESSURE TREATED
ADJ.	ADJUSTABLE	PNT.	POINT
AGGR.	AGGREGATE	R.	RISER
APPROX.	APPROXIMATELY	RAD.	RADIUS
ARCH.	ARCHITECTURAL	REF.	REFERENCE
ARCHT.	ARCHITECT	REINF.	REINFORCED
BLDG.	BUILDING	REQ'D.	REQUIRED
BLK.	BLACK	RM.	ROOM
BLKS.	BLOCKING	R.O.	ROUGH OPENING
BOT.	BOTTOM	S.	SOUTH
CL.	CENTER LINE	SCHED.	SCHEDULE
CLG.	CEILING	SECT.	SECTION
CLKS.	CAULKING	SHT.	SHEET
CLO.	CLOSET	SIM.	SIMILAR
CLR.	CLEAR	SL.	SEALANT
COL.	COLUMN	SPEC.	SPECIFICATION
CONC.	CONCRETE	SQ.	SQUARE
CONN.	CONNECTION	SST.	STAINLESS STEEL
CONT.	CONTINUOUS	STD.	STANDARD
DEMO.	DEMOLITION	STL.	STEEL
DIM.	DIMENSION	STOR.	STORAGE
E.	EAST	STRL.	STRUCTURAL
FR.	FRAME	SUSP.	SUSPENDED
L.	LENGTH	SYM.	SYMMETRICAL
L.G.M.	LIGHT GAUGE METAL FRAMING	THK.	THICK
HGT.	HEIGHT	TYP.	TYPICAL
HP.	HANDICAP	VERT.	VERTICAL
MAX.	MAXIMUM	VEST.	VESTIBULE
MTL.	METAL	W	WIDE
MFG.	MANUFACTURER	W	WEST
MIN.	MINIMUM	WV	WITH
MIR.	MIRROR	WD.	WOOD
MISC.	MISCELLANEOUS	WT.	WEIGHT
MTD.	MOUNTED	&	AND
N.	NORTH	@	AT
N.I.C.	NOT IN CONTRACT	#	POUND OR NUMBER
NO.	NUMBER	EXIST.	EXISTING
NOM.	NOMINAL	X or (E)	EXISTING
N.T.S.	NOT TO SCALE		
OA	OVERALL		
O.C.	ON CENTER		
O.D.	OUTSIDE DIAMETER		

DATE
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SCALE

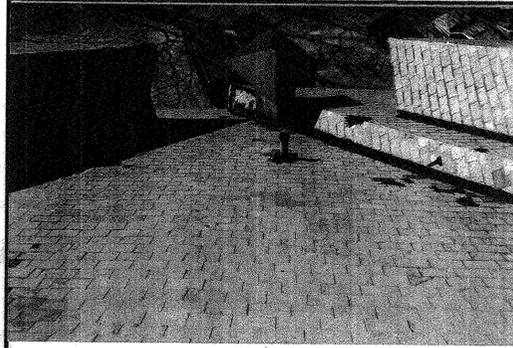
PERMITS

GENERAL NOTES

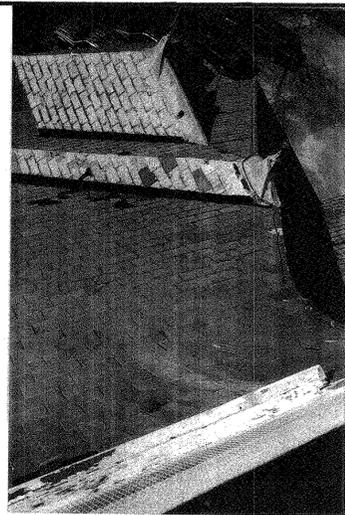
SHEET NO.

C2

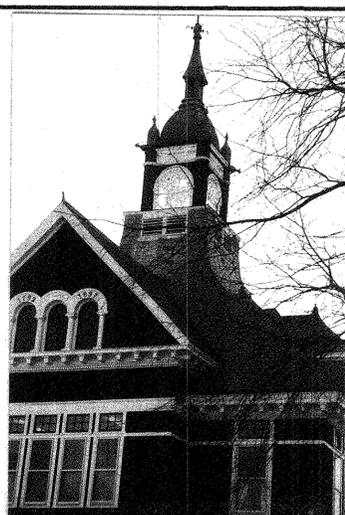
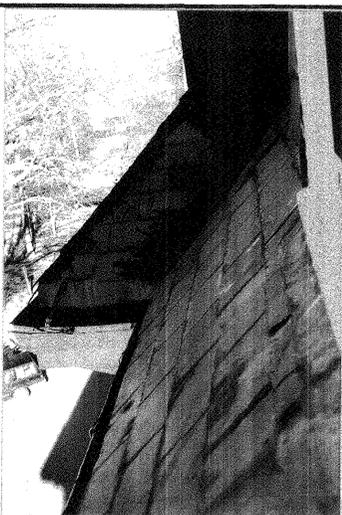
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Detail @ roof break with vent shaft



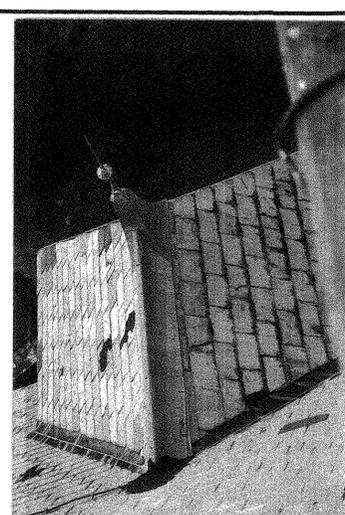
Detail @ break in roof with vent stack



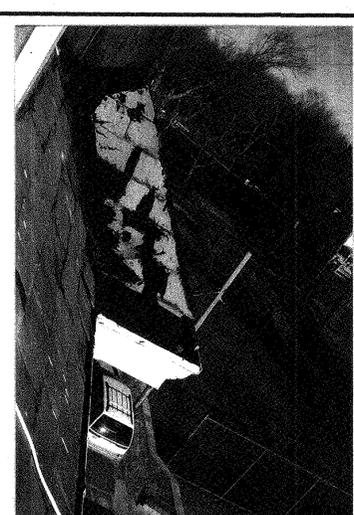
General view @ front of building



View of forward sweep to dormer



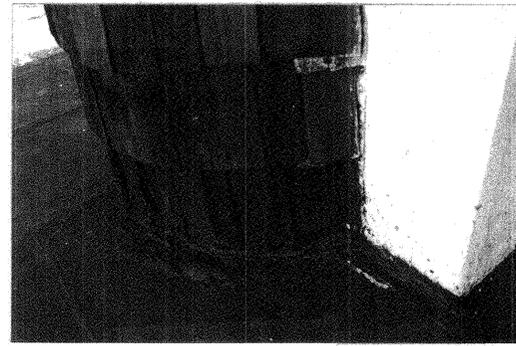
Dormer with ridge cap (typical)



Detail @ break in roof with vent stack



Detail @ cupola showing missing wood detailing



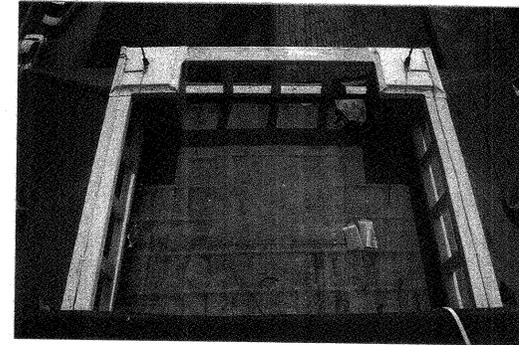
Siding & roof at cupola



Roofing @ interior of cupola



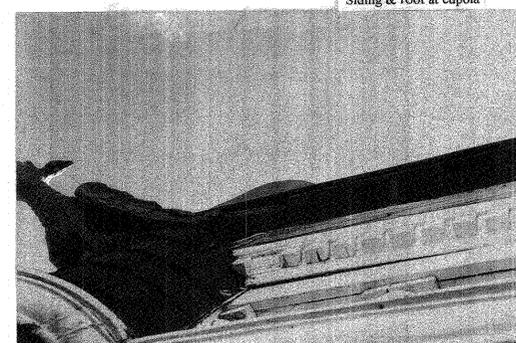
"GROTESQUE" & moulding at cupola



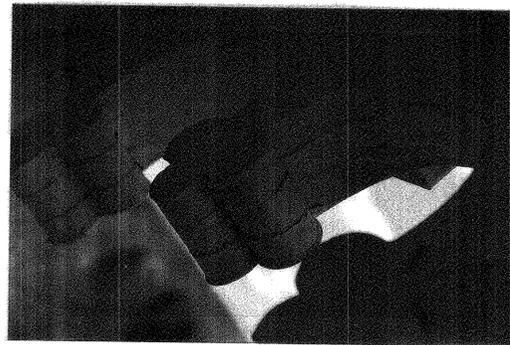
Rear platform behind cupola



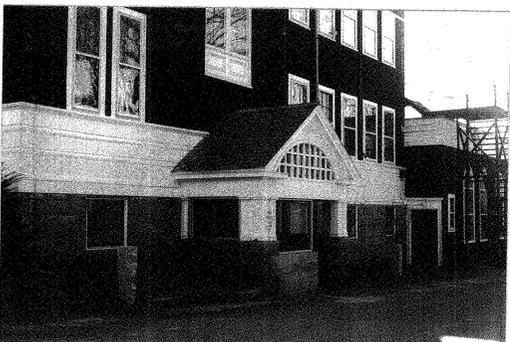
Lightning protection and copper roof cap



Wood detail at cupola



View of interior of cupola ceiling and wood detail



View of side entry, (typical)

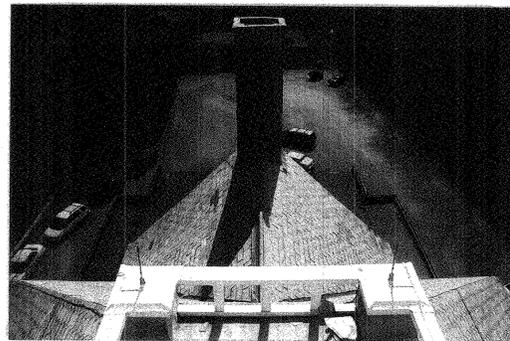
Photographic Survey of Roof and Cupola Conditions at Roudenbush Center



Gutter detail @ rear, (typical)



Rear roof



Detail @ window at rear



Return of wood detail trim at rear gable



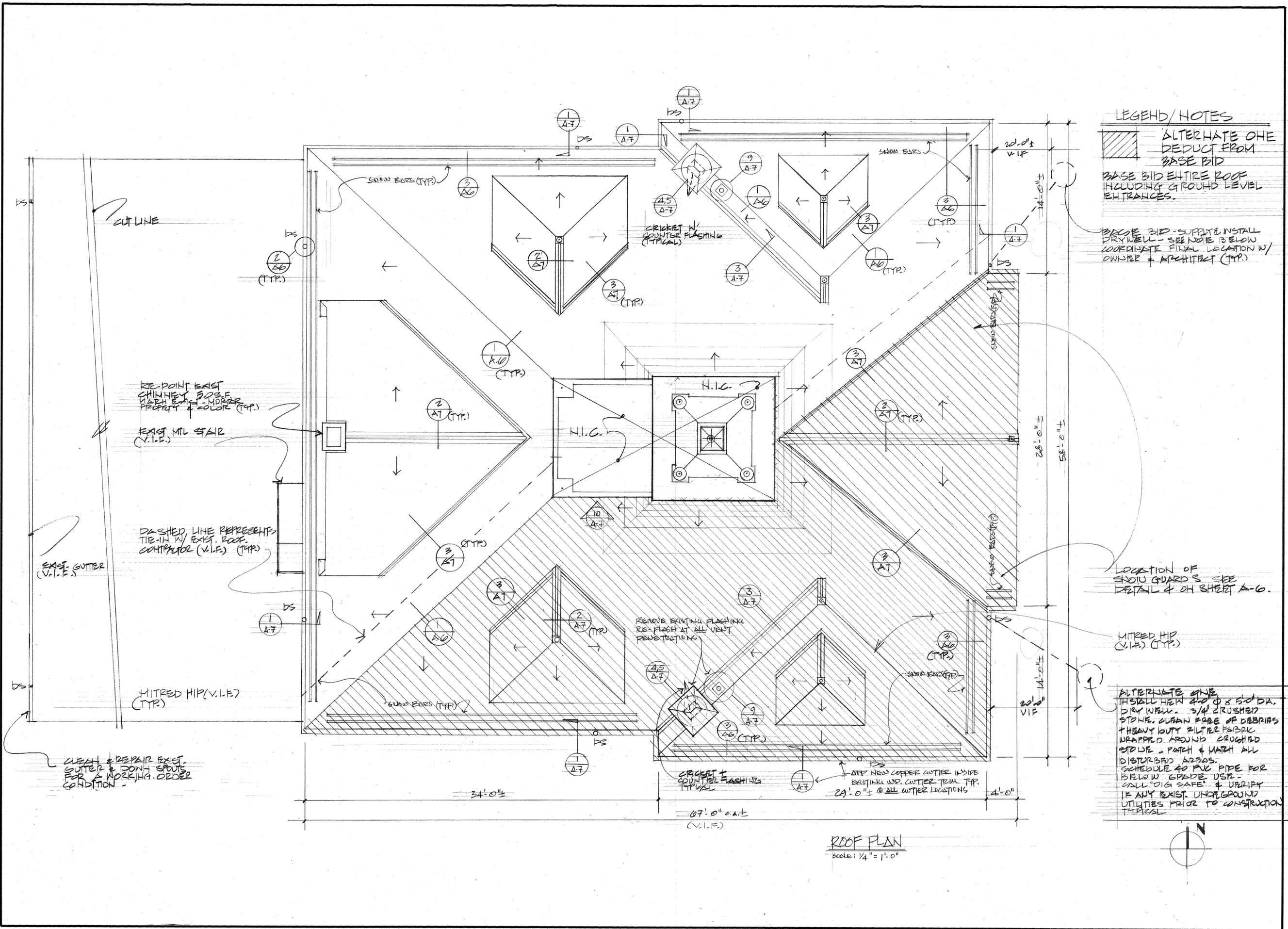
PROJECT
Roof Replacement
Roudenbush Community Center
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DATE
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SCALE

TITLE
 Photographic Survey of Roof and Cupola
 Conditions at Roudenbush Center

SHEET NO.
A1



LEGEND/NOTES

ALTERATE ONE DUCT FROM BASE BID

BASE BID ENTIRE ROOF INCLUDING GROUND LEVEL ENTRANCES.

BASE BID - SUPPLY & INSTALL DRYWELL - SEE NOTE BELOW COORDINATE FINAL LOCATION W/ OWNER & ARCHITECT (TYP.)

LOCATION OF SNOW GUARDS SEE DETAIL & OH SHEET A-6.

MITRED HIP (V.I.F.) (TYP.)

ALTERATE ONE INSTALL NEW 4" x 8" DIA. DRYWELL - 3/4" CRUSHED STONE. CLEAN BASE OF DEBRIS. HEAVY DUTY FILTER FABRIC WRAPPED AROUND CRUSHED STONE - PATCH & MATCH ALL DISTURBED AREAS. SCHEDULE 40 PVC PIPE FOR BELOW GRADE USE - CALL TO G. SAFE & VERIFY IF ANY EXIST. UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION TYPICAL

ROOF PLAN
SCALE: 1/4" = 1'-0"

PROJECT

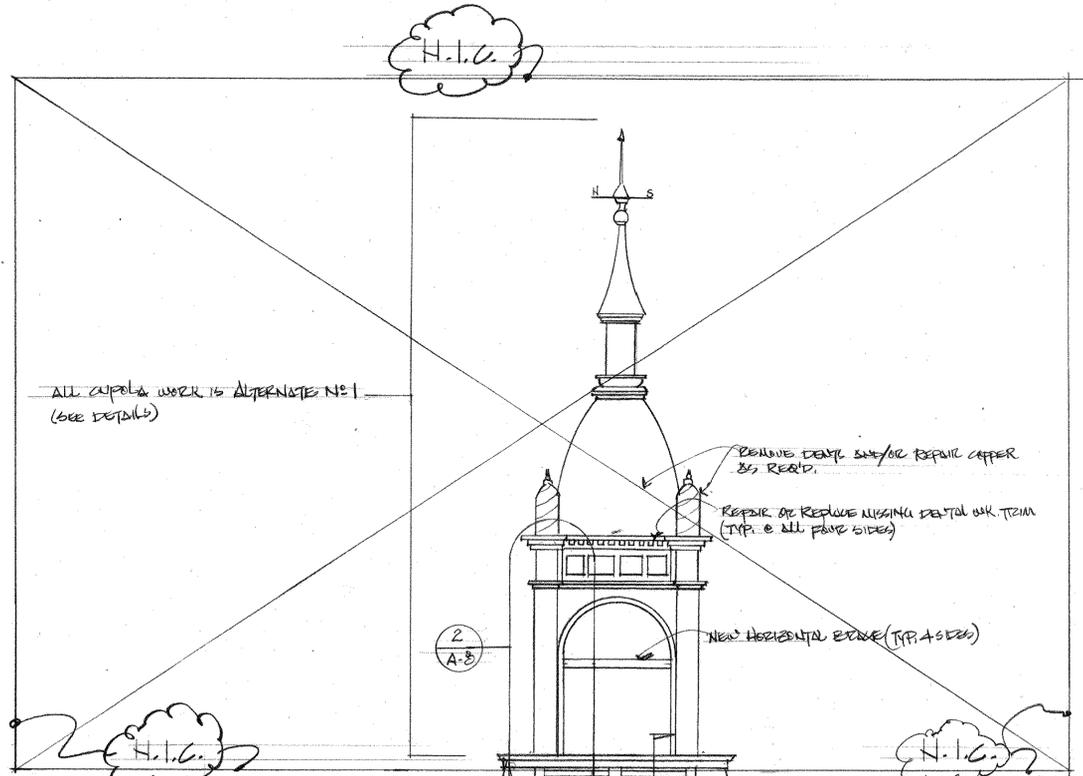
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SCALE

TITLE
Roof Plan

SHEET NO.
A2



ALL CUPOLA WORK IS ALTERNATE NO. 1
(SEE DETAILS)

REMOVE & REPLACE
EXIST. WOOD LOUVER
LOUVER TO HAVE BIRD
SCREEN (TYP.)

REMOVE DENTL SML/OC REPAIR COPPER
AS REQ'D.
REPAIR OR REPLACE MISSING DENTL W/CK TBM
(TYP. @ ALL FOUR SIDES)

NEW HORIZONTAL EDGE (TYP. @ SIDES)

REMOVE EXIST. SLATE SHINGLES, FLASHING, CAPS
& RELATED MTL'S. ROOF PAPER, REMOVE &
REPLACE DAMAGED WOOD SUB-STRATE. INSTALL
SLATE SHINGLES, COPPER FLASHING, RIDGE CAPS
C/O WATER RUBBER MEMBRANE, COPPER DRIP
EDGES @ EAVES & GABLE ENDS (TYPICAL)

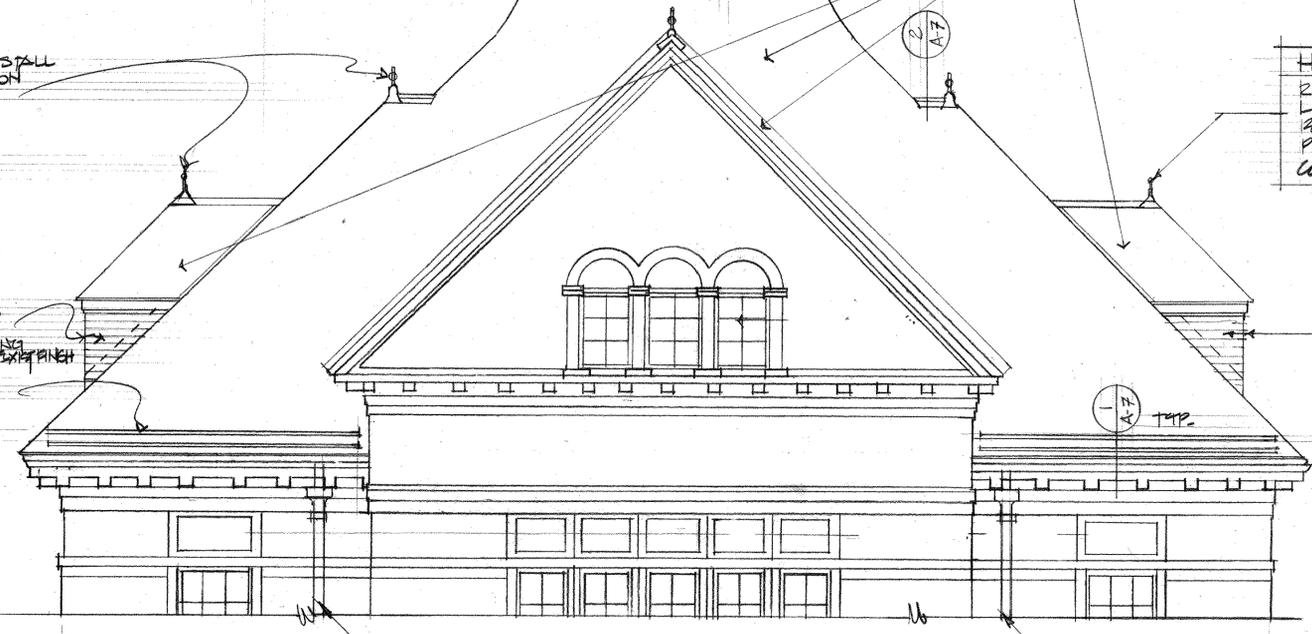
NOTE: TYPICAL
REMOVE & RE-INSTALL EXIST.
LIGHTING PROTECTION CABLES,
RODS, GLASS & RELATED MTL'S.
PROVIDE LABOR & MTL FOR A
COMPLETE RE-INSTALLATION (V.I.F)

NOTE: TYPICAL
REMOVE EXIST. SLATE SHINGLES
BUDG. PAPER, FLASH. &
RELATED MTL'S. INSTALL
SLATE SHINGLES TO MATCH
EXIST. OVER #30 FELT
PAPER W/ STOPPED COPPER
FLASHING 12" MIN. VERT &
HORIZONTAL.

REMOVE & REPLACE EXIST.
DOWNSPUTS
REFER TO DETAIL 3
ON SHEET 2-0 (TYP.)

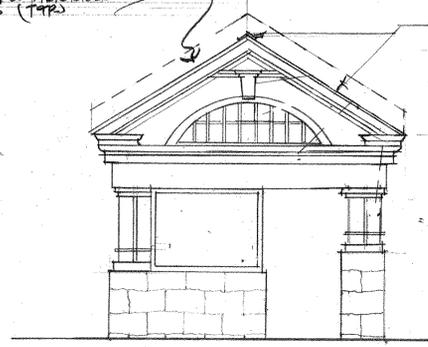
REMOVE & REINSTALL
LIGHTING PROTECTION
(V.I.F)

REMOVE EXIST.
SIDING BY NEW TO
MATCH EXIST. &
REPAIR MTL STOPPING
FLASHING. MATCH EXIST. PANEH
SNOW GUARDS
(TYP.)



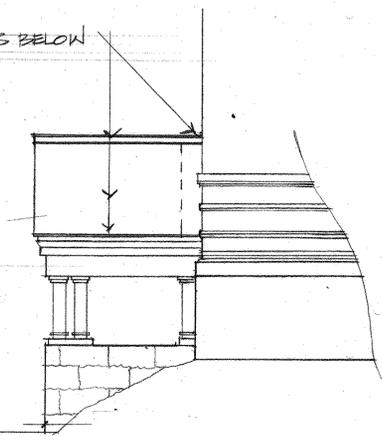
EAST ELEVATION (PARTIAL)
SCALE: 1/4" = 1'-0"

STEP COPPER
FLASHING 12" VERT &
HORIZONTAL. PAPER &
MESH ALL DISTURBED
AREAS (TYP.)

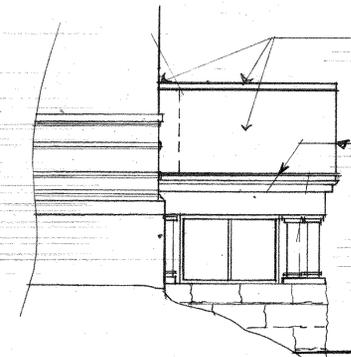


FRONT ELEVATION SIDE ENTRY (TYP)
SCALE: 1/4" = 1'-0" (FRONT @ RIGHT ENTRY)

SEE NOTES BELOW
TYP.



SIDE ELEVATION @ RIGHT ENTRY
SCALE: 1/4" = 1'-0" (RIGHT SIDE @ RIGHT ENTRY)



SIDE ELEVATION @ RIGHT ENTRY
SCALE: 1/4" = 1'-0" (LEFT SIDE @ RIGHT ENTRY)

REPLACE DAMAGED SUBSTRATE
INSTALL #30 FELT PAPER, SLATE-NEW
SHINGLES, COPPER FLASHING
COPPER RIDGE CAP TO MATCH EXIST.
PROVIDE SOLID BLOCKING AS NEEDED

INSTALL CONT. COPPER LIP
EDGE @ EAVES & GABLE ENDS
(TYPICAL)

NOTE: TYPICAL
CONTRACTOR TO DOCUMENT EXIST.
COPPER RIDGE CAP & USE IT AS
A TEMPLATE TO BUILT NEW COPPER
CAP (TYPICAL)

ALTERNATE ONE

PROJECT

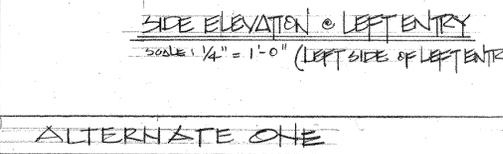
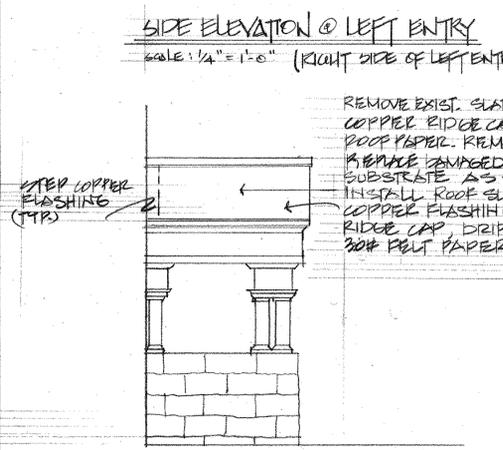
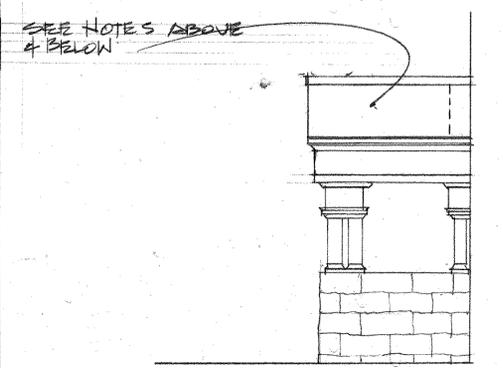
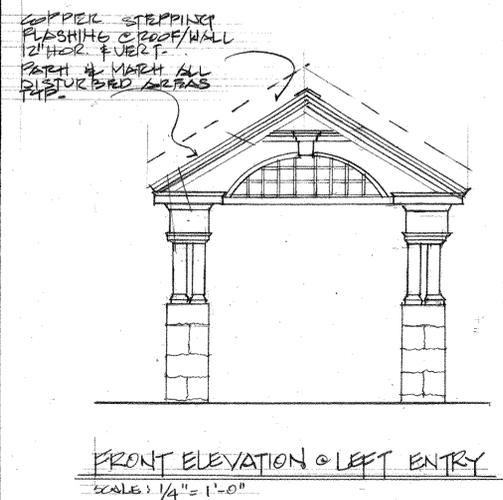
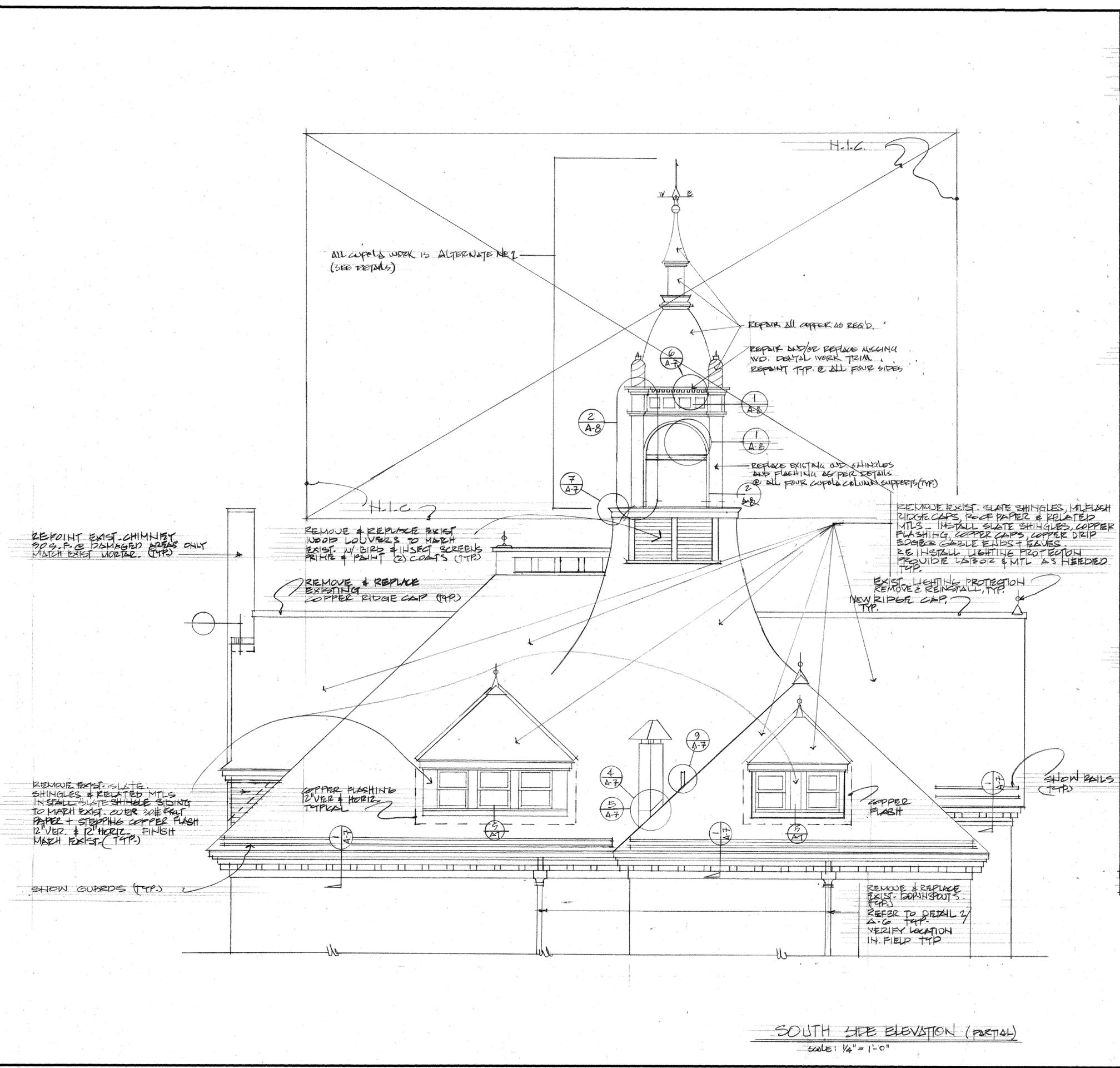
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October 20, 1999

SCALE

TITLE
Front Elevation & Right Entry
Elevations, Ground Level

SHEET NO.
A3



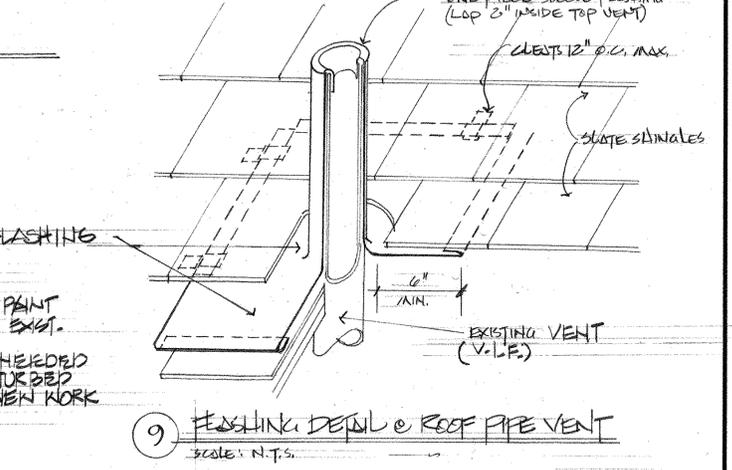
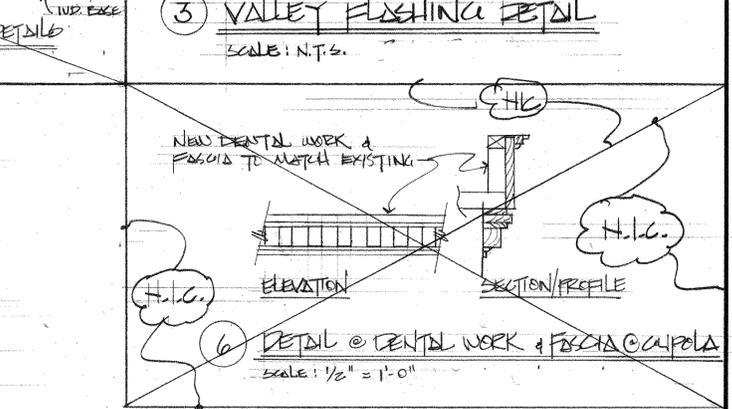
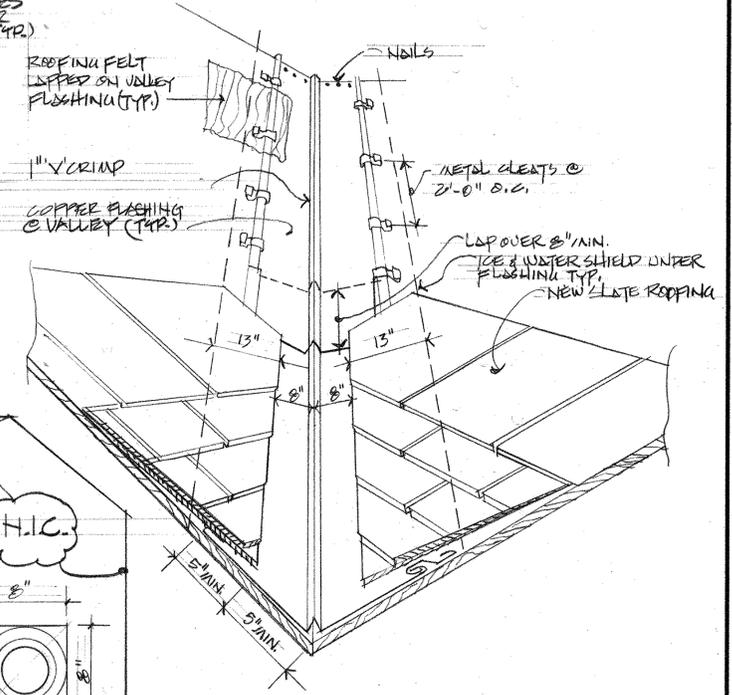
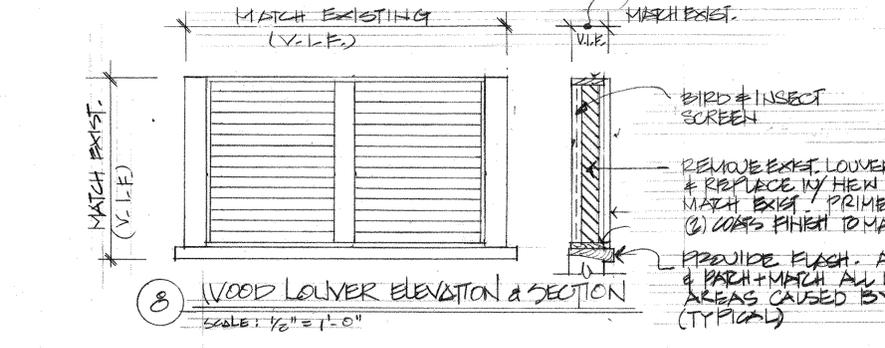
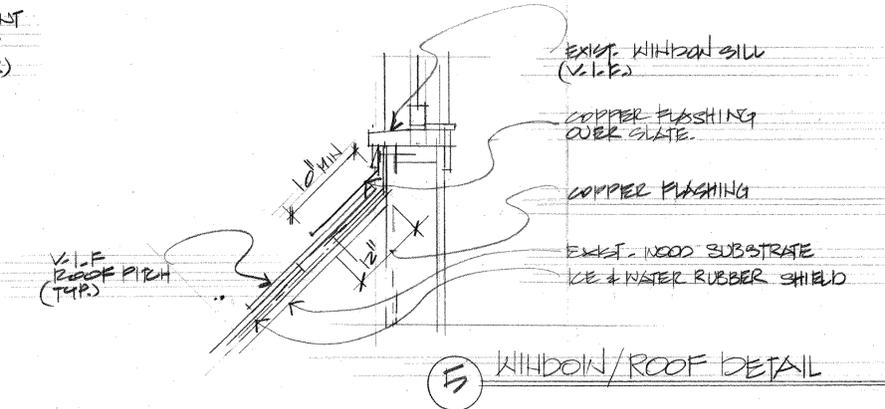
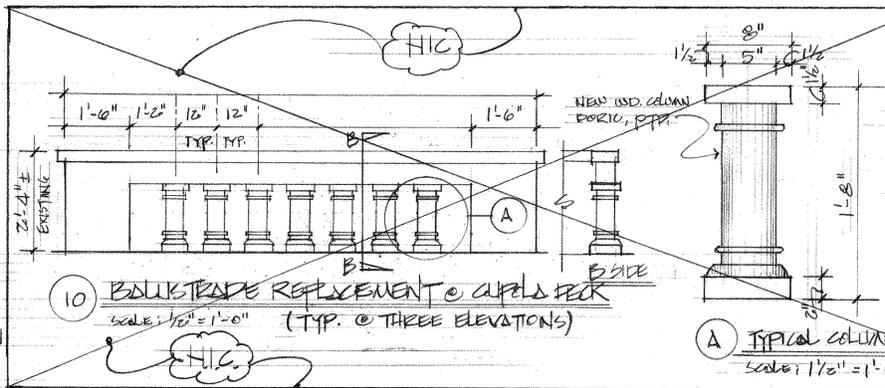
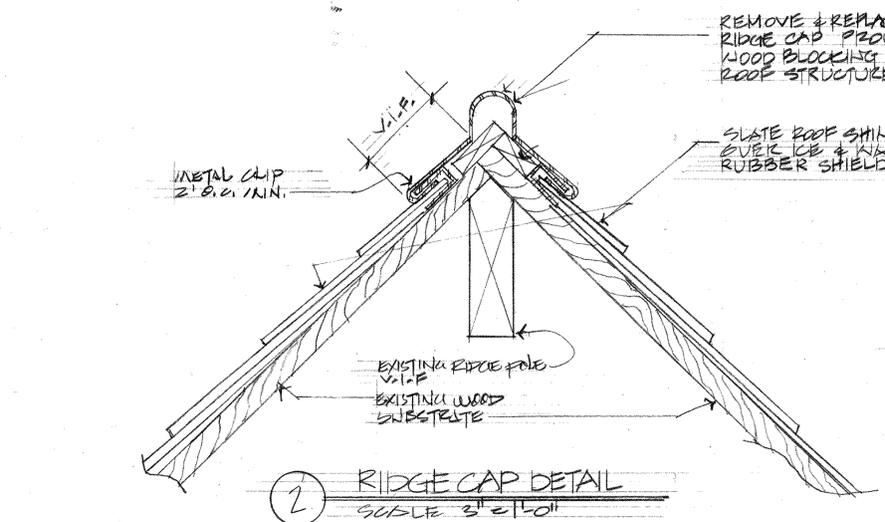
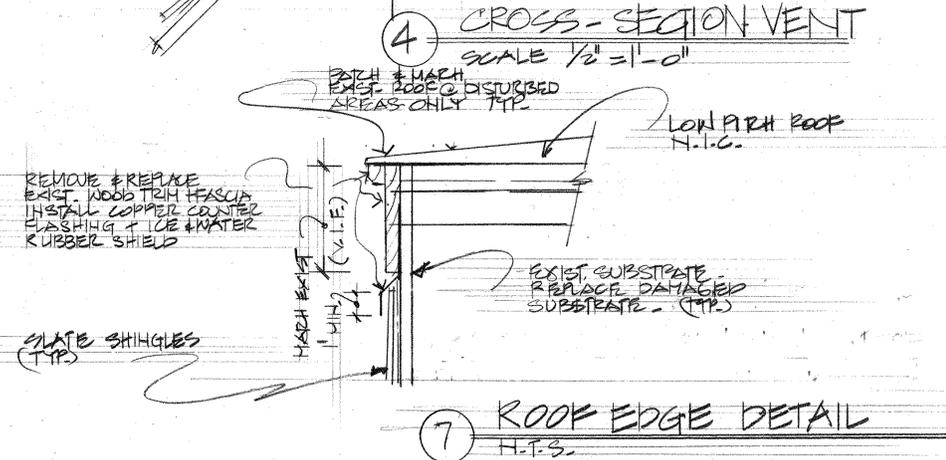
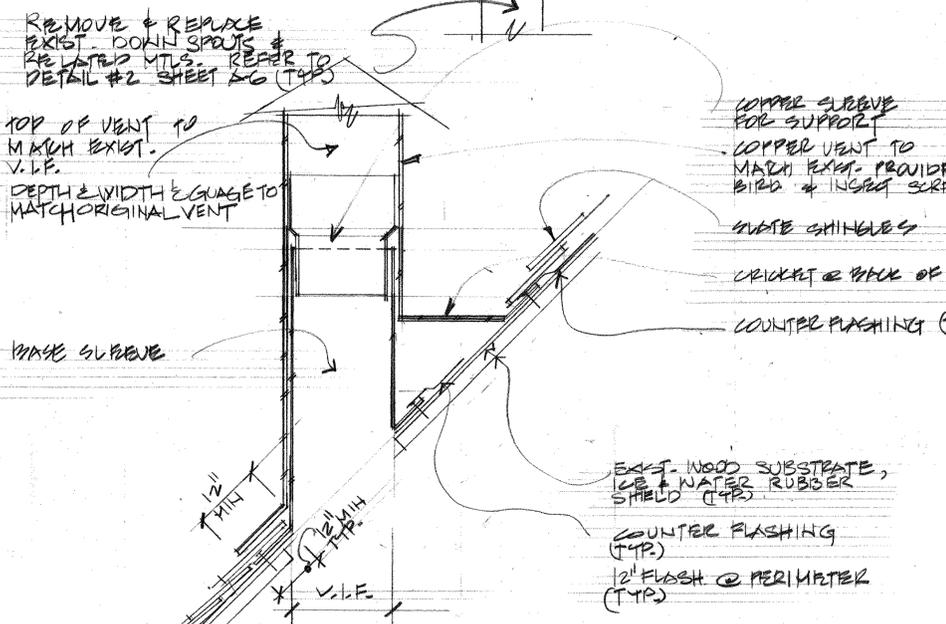
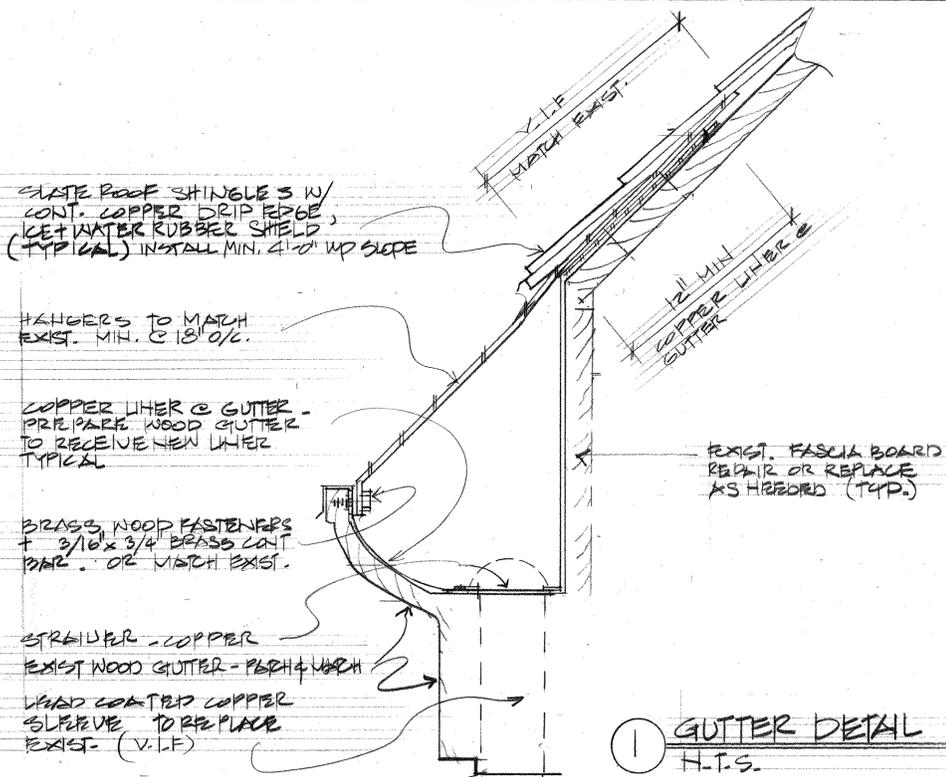
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SCALE
 1/4" = 1'-0"

TITLE
 Left Elevation & Left Entry Elevations, Ground Level

SHEET NO.
A4

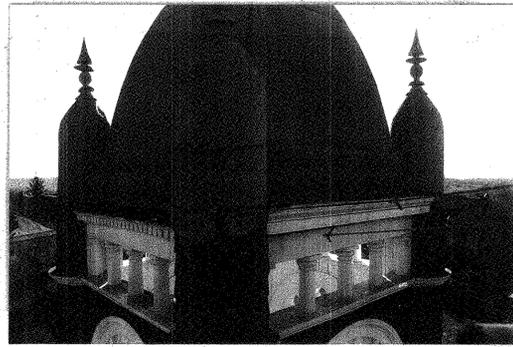


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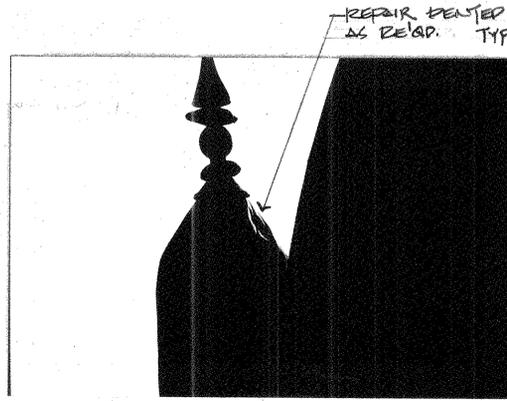
DATE: **October 20, 1999**

SCALE: **Details**

SHEET NO. **A7**



CAULK ALL SEAMS @ METAL TO WOOD TRANSITIONS TYP.
INSTALL MISSING WOOD DENTAL WORK TO MATCH EXISTING WHERE REQ'D.



REPAIR DENTED COPPER AS REPAIR TYP.

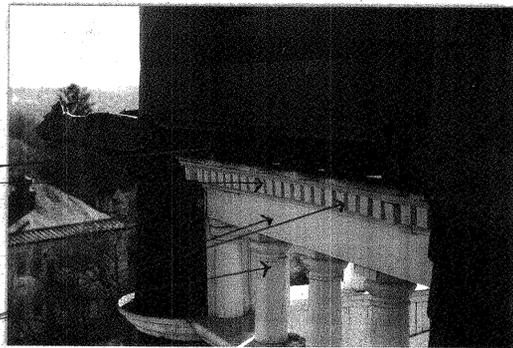


RE-INSTALL MISSING DENTAL WORK, REPAIR, PRIME & PAINT

REPLACE OR REPAIR DAMAGED COLUMNS & BRACKETWORK W/ WOOD TRIM

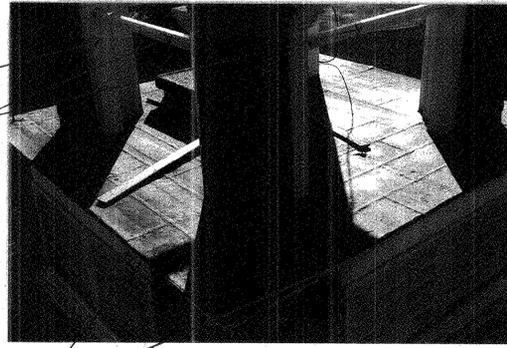
① A-7 REPLACE MISSING WOOD PANELS TRIM, REPAIR DENTAL WORK AS REQ'D.

REFURB DETERIORATED W/ SHORT COLUMNS & REPAIR CAULK ALL JOINTS @ TOP AND BOTTOM. PRIME AND PAINT DENTAL WORK & WOOD TRIM TO MATCH EXISTING.



FLASH AND CAULK @ EDGE OF WOOD STRUCTURAL VERTICALS. REMOVE DETERIORATED WOOD WHERE REQ'D AND NEW 6" x 6" W/ HORIZONTAL EDGE (BEFORE PRIME & PAINT)

① A-8

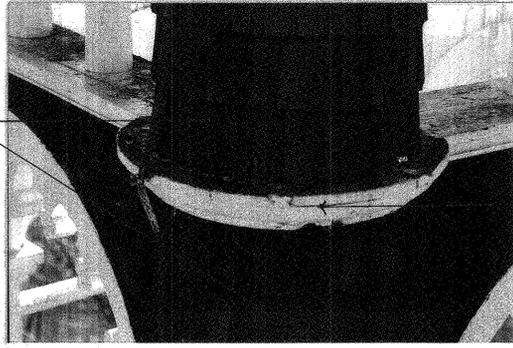


REPLACE BROKEN SLATE @ GUTTERS & VALLEYS REMOVE PITCH FASTENERS INSTALL COPPER COLLARS @ VENT STACKS

② A-7



② A-8 EXISTING W/ SHINGLES NEED TO BE REPLACED. WEATHER-SHIELD & FLASHING INSTALLED



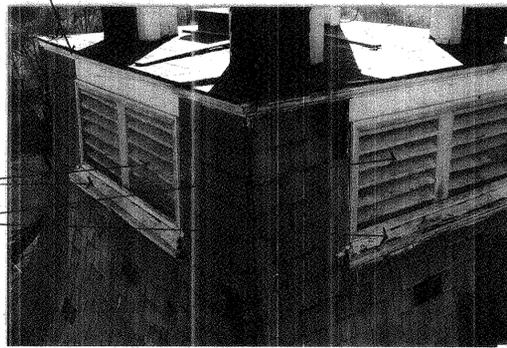
INSTALL NEW COPPER EDGE FLASHING & CHIP EDGE @ CUPOLA LANDING ROOF

⑦ A-7

WOOD TRIM ROTTED NEEDS REPLACEMENT

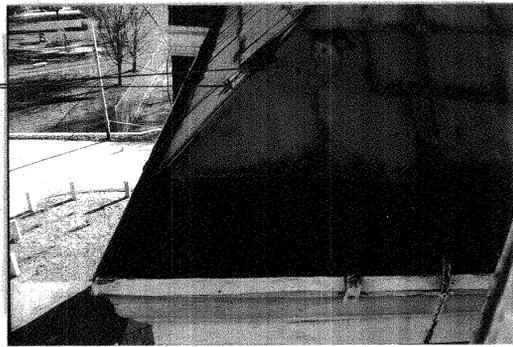
WOODEN LOUVER LEFT. WILL DETERIORATE. NO CAULKING IN PLACE. NO INSECT SCREEN. REPLACE W/ NEW LOUVER ALL FOUR SIDES

⑧ A-7



TRUSS QUESTION @ SEAM OF SLATE ROOF W/ BROKEN SLATES, NO EDGE CAP

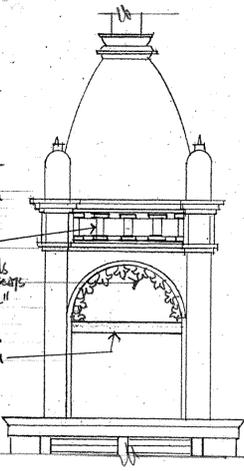
② A-7 REMOVE BROKEN SLATE, INSTALL COPPER EDGE CAP TO MATCH EXISTING CAP.



NOTE: ALL NOTATIONS ON THIS DETAIL TO BE TYPICAL FOR ALL 4 SIDES OF CUPOLA

REPAIR OR REPLACE EXISTING WOOD COLUMN AS REQ'D RE-CAULK, PRIME & PAINT ALL WOOD DETAIL WORK
REPAIR COPPER AND DETAILS @ FEELER PRIME & PAINT 2 COATS
REPLACE HORIZONTAL 2"x4" BRACE W/ NEW 2"x4" PRIME & PTD. W/ 2 COATS PAINT TO MATCH EXISTING

① CUPOLA DETAILS & NOTES
SCALE: 1/4" = 1'-0"
ALTERNATE NO. 1



REMOVE ANY TEARS OR HOLES IN COPPER WORK

REMOVE EXISTING W/ SHINGLES, WATER-SHIELD ALL UNDERLAYMENT. INSTALL NEW W/ SHINGLES TO MATCH EXISTING, TYP. ALL SIDES

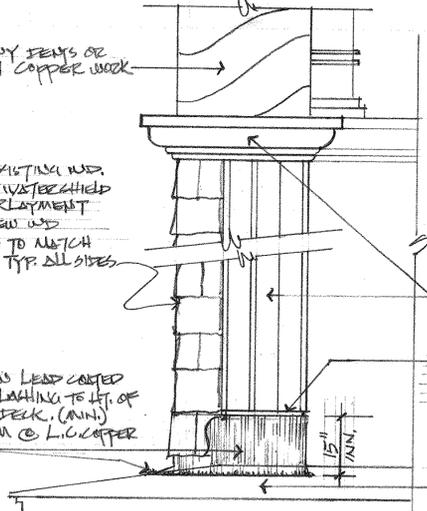
INSTALL NEW LEAD COATED COPPER FLASHING TO LET. OF 15" FROM DECK. (MIN.) WELD SEAM @ L.C. COPPER DECK

REPAIR & REPAINT EXISTING W/ STRUCTURE & TRIM AS REQ'D

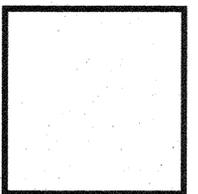
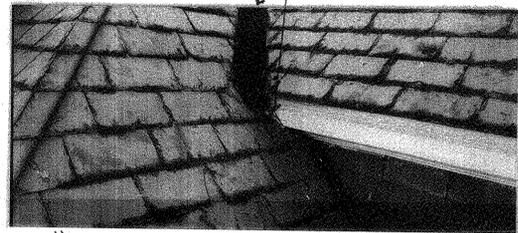
CUT RECKET INTO WOOD TRIM CONT. TO RECEIVE L.C. COPPER FLASHING (TYP)

REPAIR EXISTING LEAD COATED COPPER DECK

② DETAIL @ CUPOLA COLUMNS (TYP.)
SCALE: 1/2" = 1'-0"
ALTERNATE NO. 1



③ A-7 RE-SEAM VALLEYS @ SLATE ROOF AND CAULK @ WOOD TRIM



PROJECT: Roof Replacement
Roudenbush Community Center
65 Main Street, Westford, MA
LPBA/ARCHITECTS, INC.
28 PENNINGMAN, BOSTON MA 02134
TEL: 617-782-9131 FAX: 617-782-9141 E MAIL: lpba@gis.net

DATE: October 20, 1999

SCALE: [Blank]

TITLE: Photographic Key of Details & Miscellaneous Details

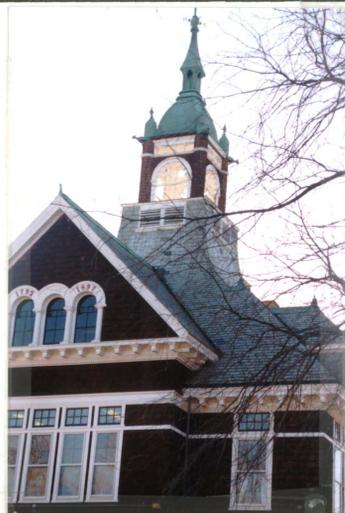
SHEET NO.: A 8



Detail @ roof break with vent shaft



Detail @ break in roof with vent stack



General view @ front of building



View of forward sweep to dormer



Dormer with ridge cap (typical)



Detail @ break in roof with vent stack



Detail @ cupola showing missing wood detailing



Siding & roof at cupola



Roofing @ interior of cupola



"GROTESQUE" & moulding at cupola



Rear platform behind cupola



Lightning protection and copper roof cap



Wood detail at cupola



View of interior of cupola ceiling and wood detail



View of side entry, (typical)

Photographic Survey of Roof and Cupola Conditions at Roudenbush Center



Gutter detail @ rear, (typical)



Rear roof



Detail @ window at rear



Return of wood detail trim at rear gable



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PROJECT
 DATE 4/20/99

SCALE
 REVISIONS

TITLE
 Photographic Survey of Roof and Cupola Conditions at Roudenbush Center

SHEET NO.