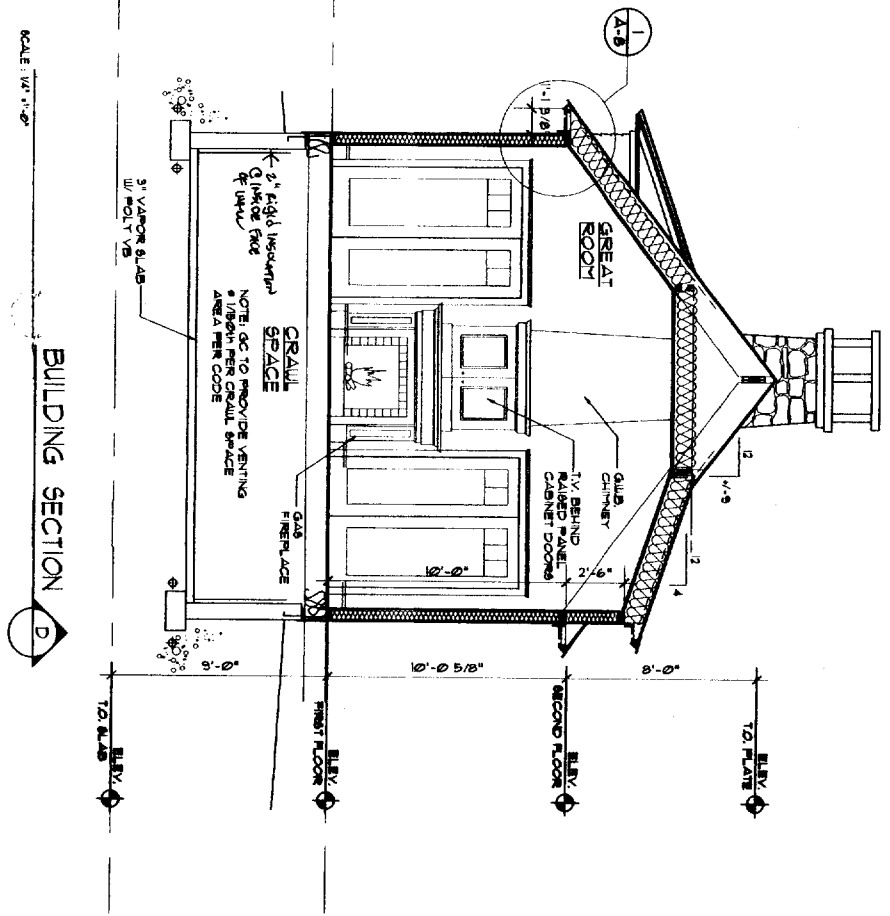
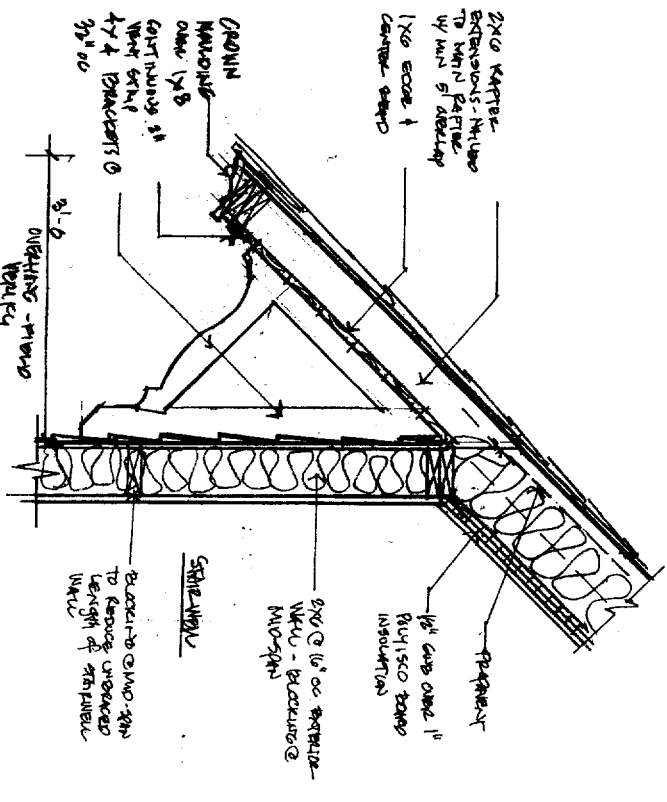


BUILDING SECTION C
SCALE: 1/4" = 1'-0"



BUILDING SECTION D
SCALE: 1/4" = 1'-0"



DETAIL OF TOWER EAVE
SCALE: 1/4" = 1'-0"

DATE	10-11-04
NUMBER	062202
DRAWN BY	B/S
CHECKED BY	HW

DRAWINGS THIS SHEET
BUILDING SECTIONS

BATES RESIDENCE

GREAT DIAMOND ISLAND MANE

REVISIONS	
NO.	DESCRIPTION

162 Fogg Road Scarborough, ME 04074
 Calendar Island Architects
 Phone (207) 885-9133 Fax (207) 885-5538

A-6.

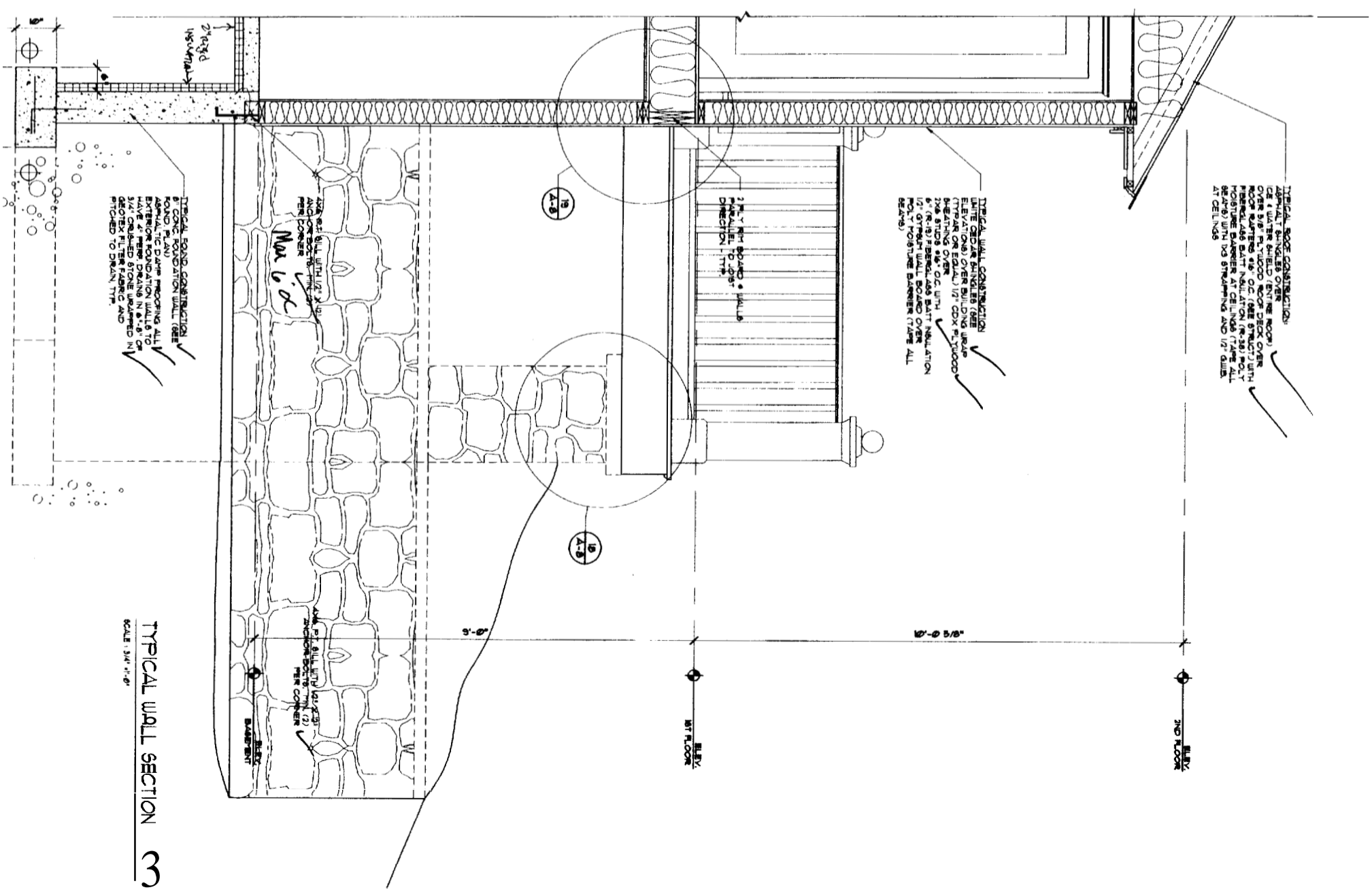
TYPICAL ROOF CONSTRUCTION:
 CEILING SHEET (ENTER ROOM)
 1/2" GYP BOARD OVER 2x4 JOISTS
 ROOF SHEETING 48" OC (SEE STRUCTURE)
 BENEATH ASILT INSULATION (R-38) POLY
 MOISTURE BARRIER AT CEILING (TYP. ALL
 RELAYS) WITH DG STRAPPING AND 1/2" GILD
 AT CEILING

TYPICAL WALL CONSTRUCTION:
 ELEVATION OVER 2x4 JOIST
 (TYP. OR EQUAL) 1/2" CDX PLYWOOD
 SHEATHING OVER 2x4 JOIST
 1/2" GYP BOARD OVER 1/2" GYP BOARD OVER
 POLY MOISTURE BARRIER (TYP. ALL
 RELAYS)

1 1/2" GYP BOARD + 1/2" GYP
 BOARD (TYP.)

MAX. 6" GYP BOARD
 OVER 2x4 JOIST (TYP.)

TYPICAL FOUNDATION CONSTRUCTION:
 8" CONC FOUNDATION WALL (SEE
 FOUND PLAN)
 4" CONC SLAB ON GRADE (SEE
 FOUND PLAN)
 3/4" CRACKED STONE UNDERLIE
 3/4" CRACKED STONE UNDERLIE
 PITCHED TO DRAIN TYP.



TYPICAL WALL SECTION 3
 SCALE: 3/4" = 1'-0"

DRAWINGS THIS SHEET
 TYP. WALL SECTION
 BUILDING SECTIONS

BATES RESIDENCE

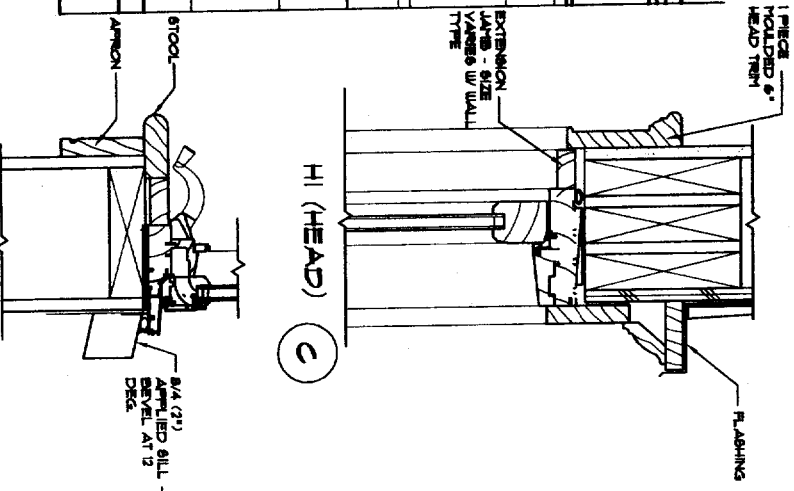
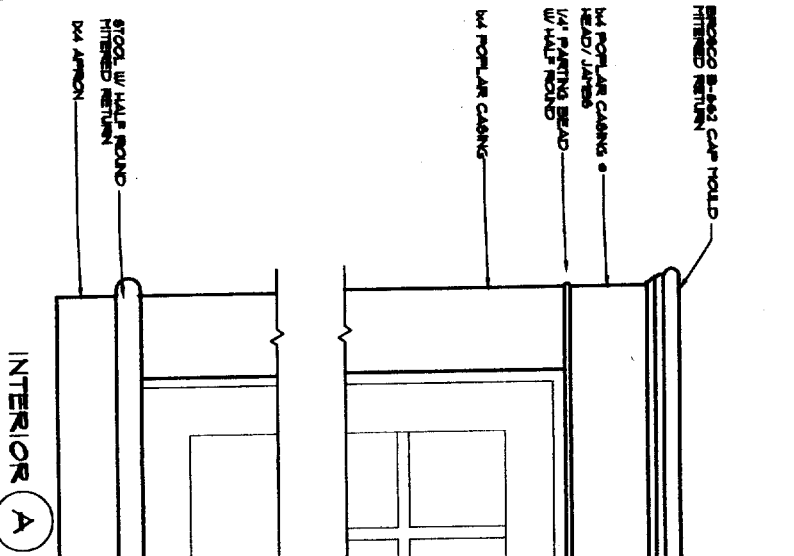
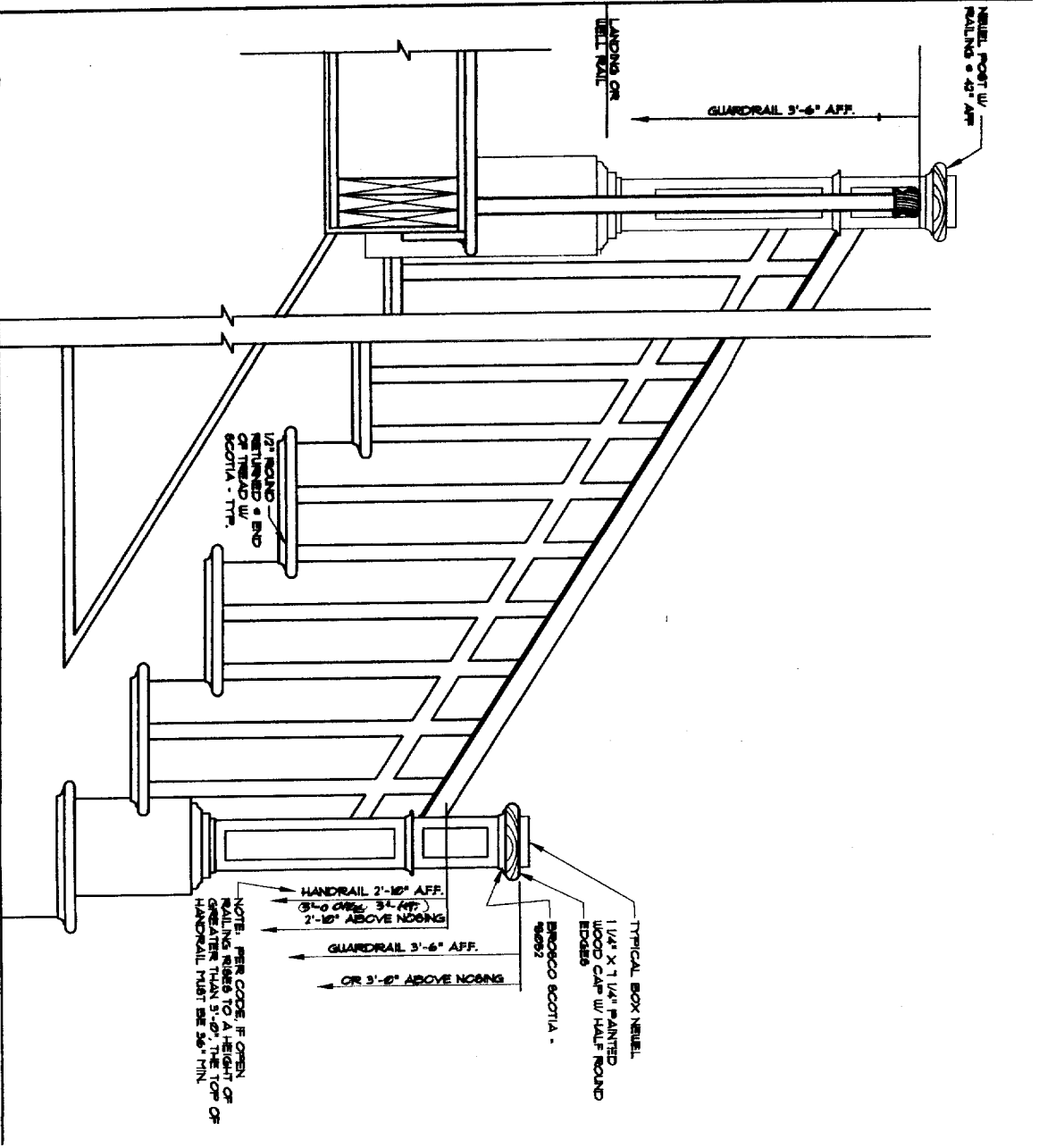
REVISIONS		
NO.	DATE	DESCRIPTION

162 Fogg Road Scarborough, ME 04074
 Colander Island Architects
 Phone: (207) 886-9133 Fax: (207) 886-9134
 Colander Island Architects

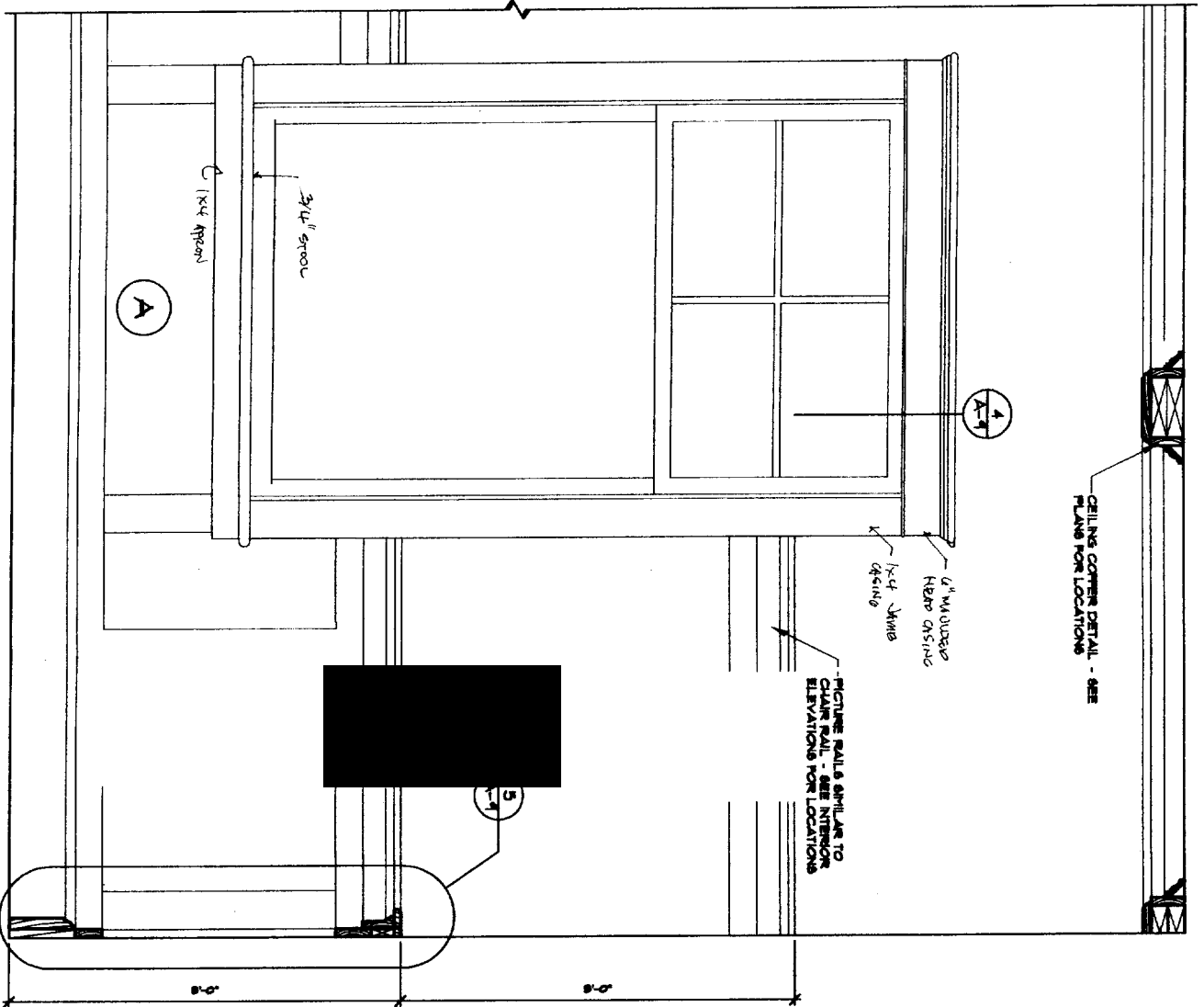
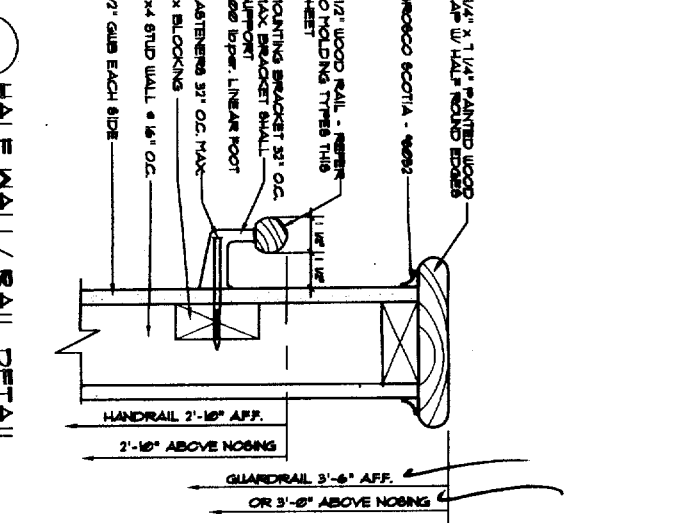
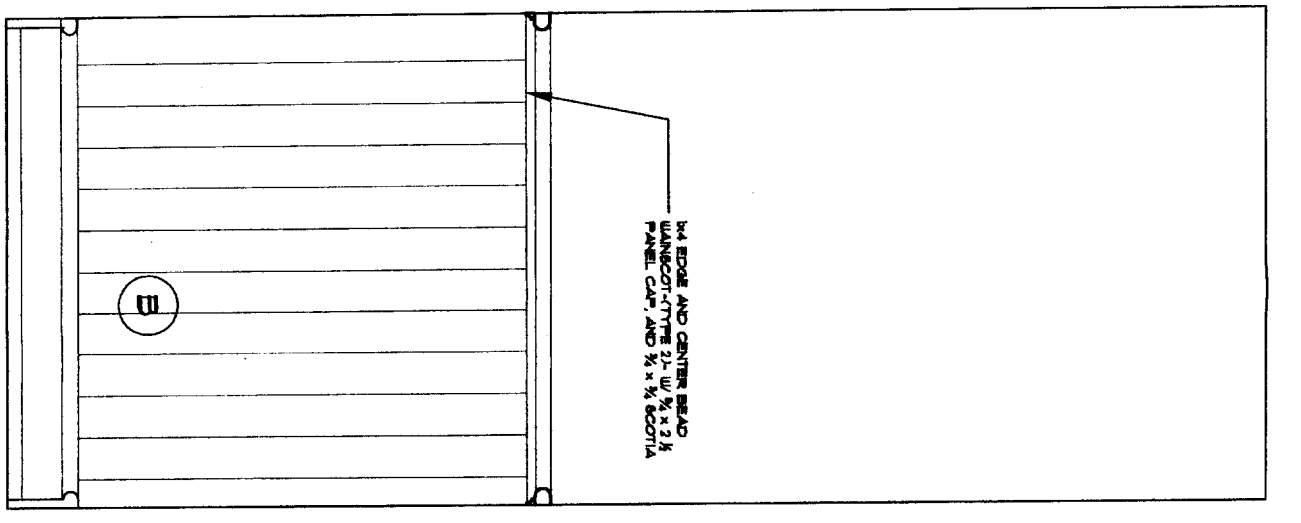
DATE: 10-1
 NUMBER: 0202
 DRAWN BY: BJB
 CHECKED BY: WP

A-6.

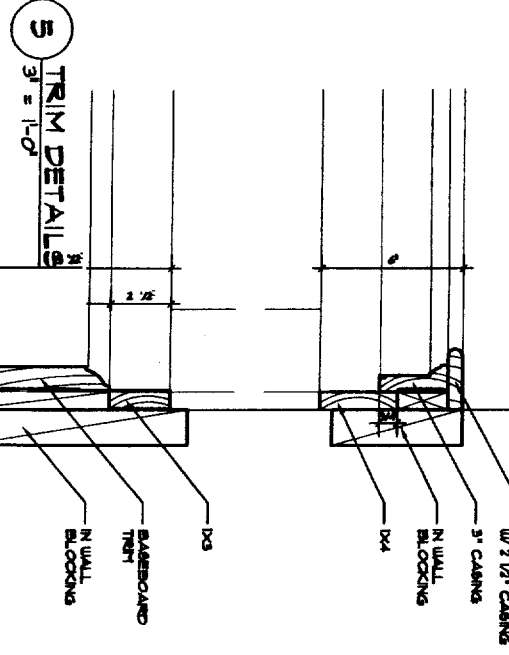
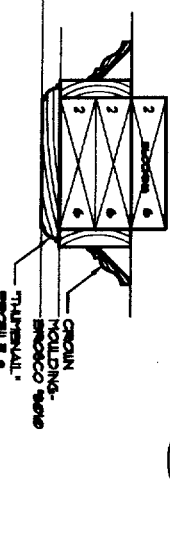
1 STAIR ELEVATION
1 1/2" = 1'-0"

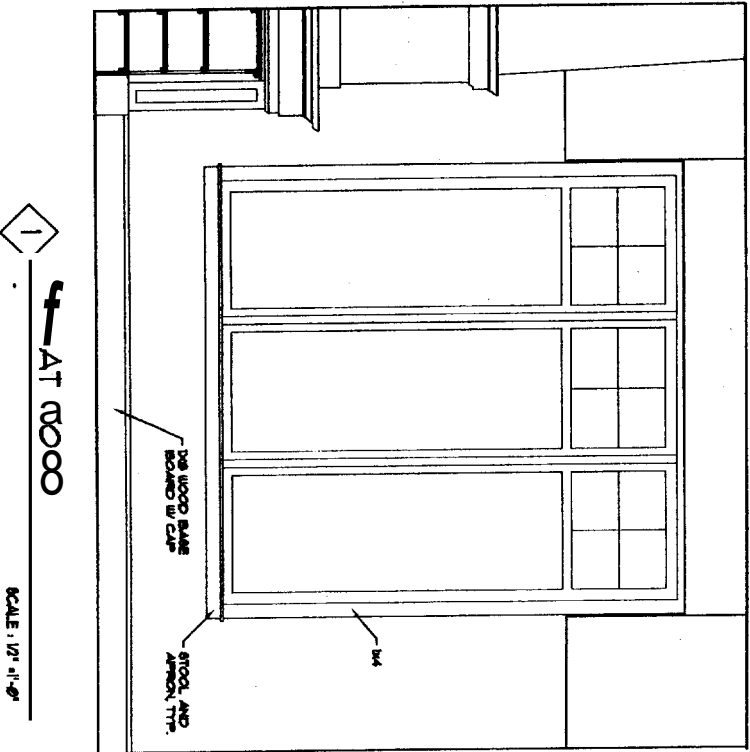


3 SCHEMATIC MAINSCOT DETAILS
1 1/2" = 1'-0"

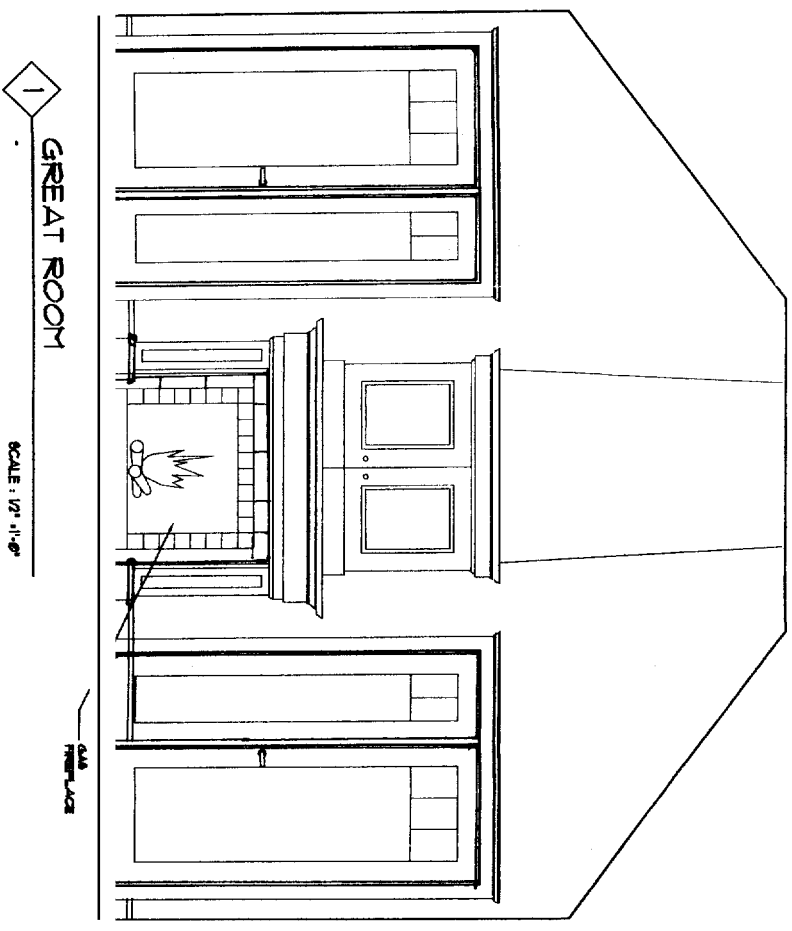


6 CEILING COFFER
3" = 1'-0"

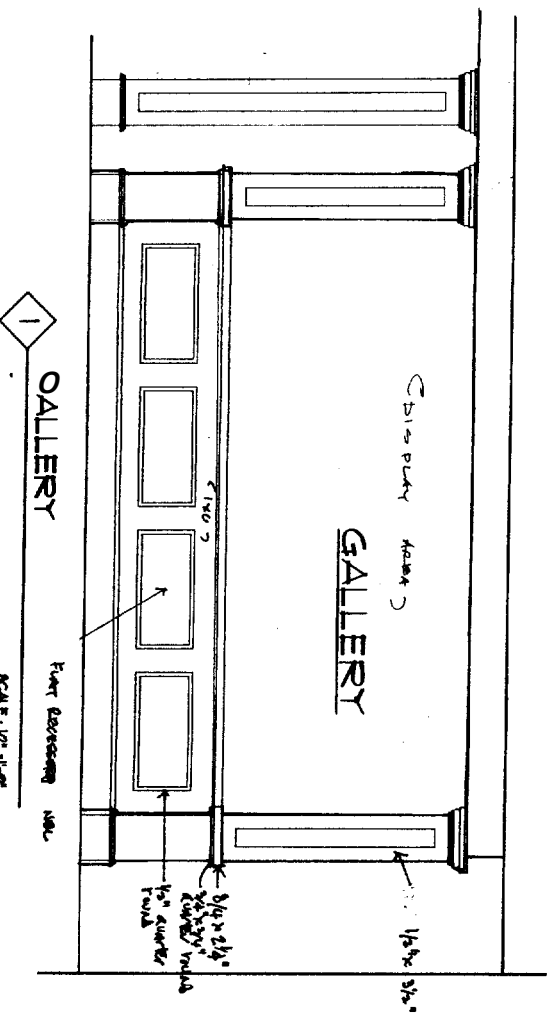




1 AT WINDOW
SCALE: 1/2" = 1'-0"

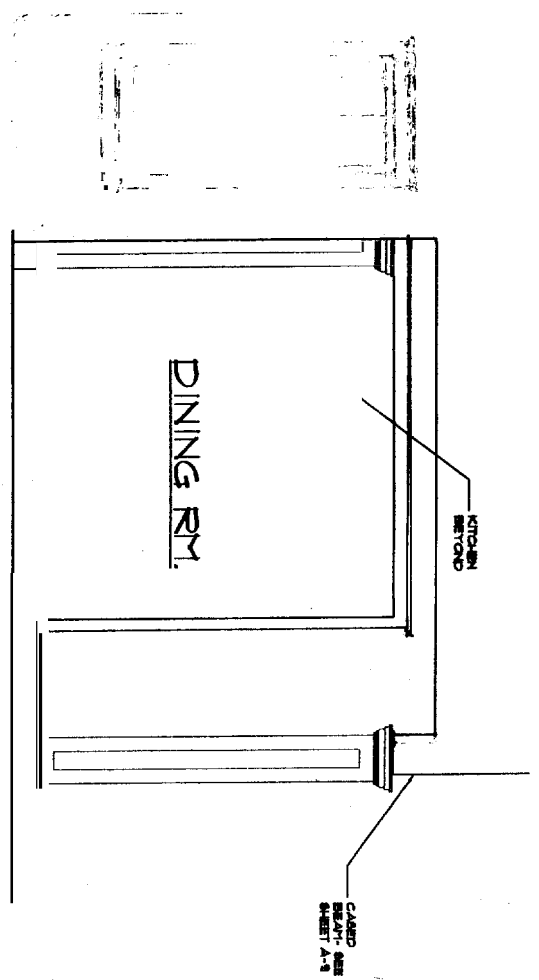


1 GREAT ROOM
SCALE: 1/2" = 1'-0"

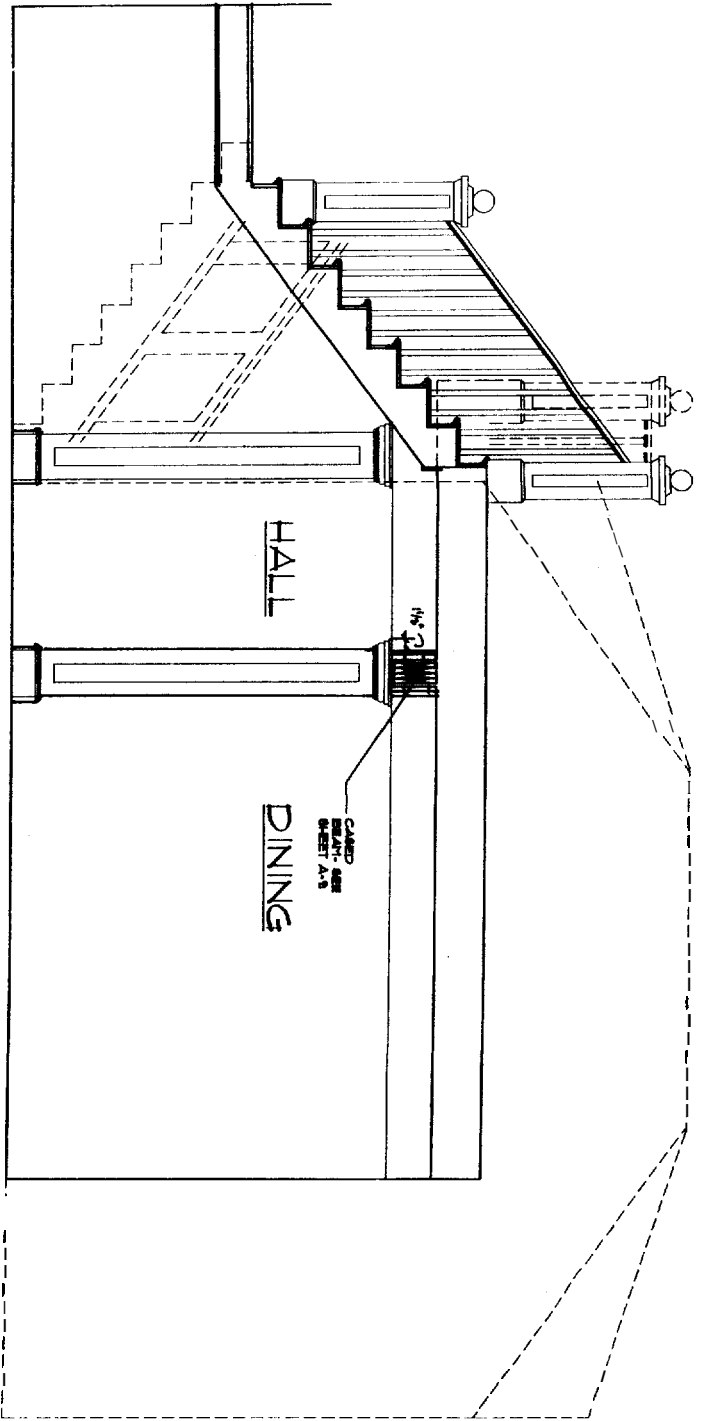


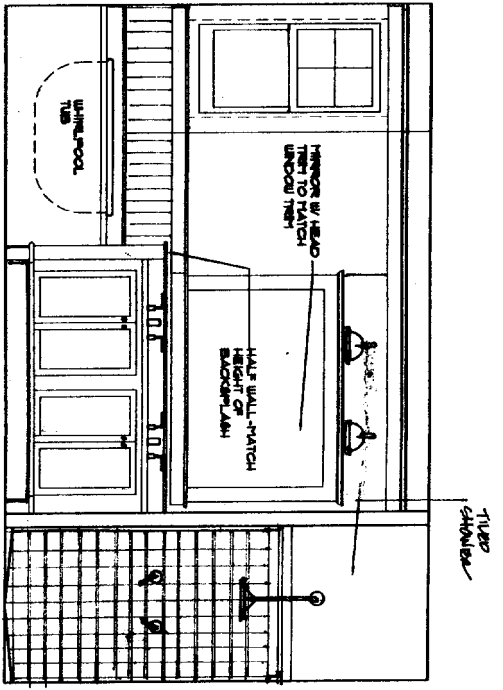
1 GALLERY
SCALE: 1/2" = 1'-0"

1 DINING
TOWARD KITCHEN
SCALE: 1/2" = 1'-0"



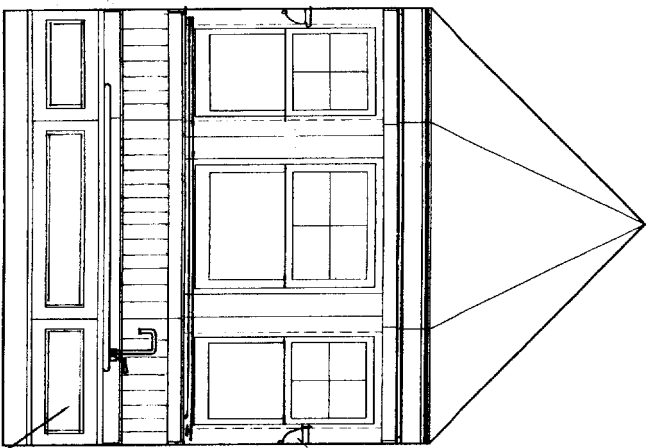
2 DINING
TOWARD GREAT ROOM
SCALE: 1/2" = 1'-0"





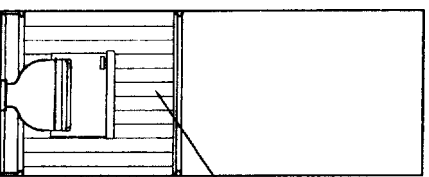
1 MASTER BATH
VANITY

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



2 MASTER BATH
TUB AREA

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



3 MASTER BATH
WATER CLOSET

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

DRAWINGS THIS SHEET

INTERIOR ELEVATIONS

BATES RESIDENCE

REVISIONS

NO.	DATE	DESCRIPTION

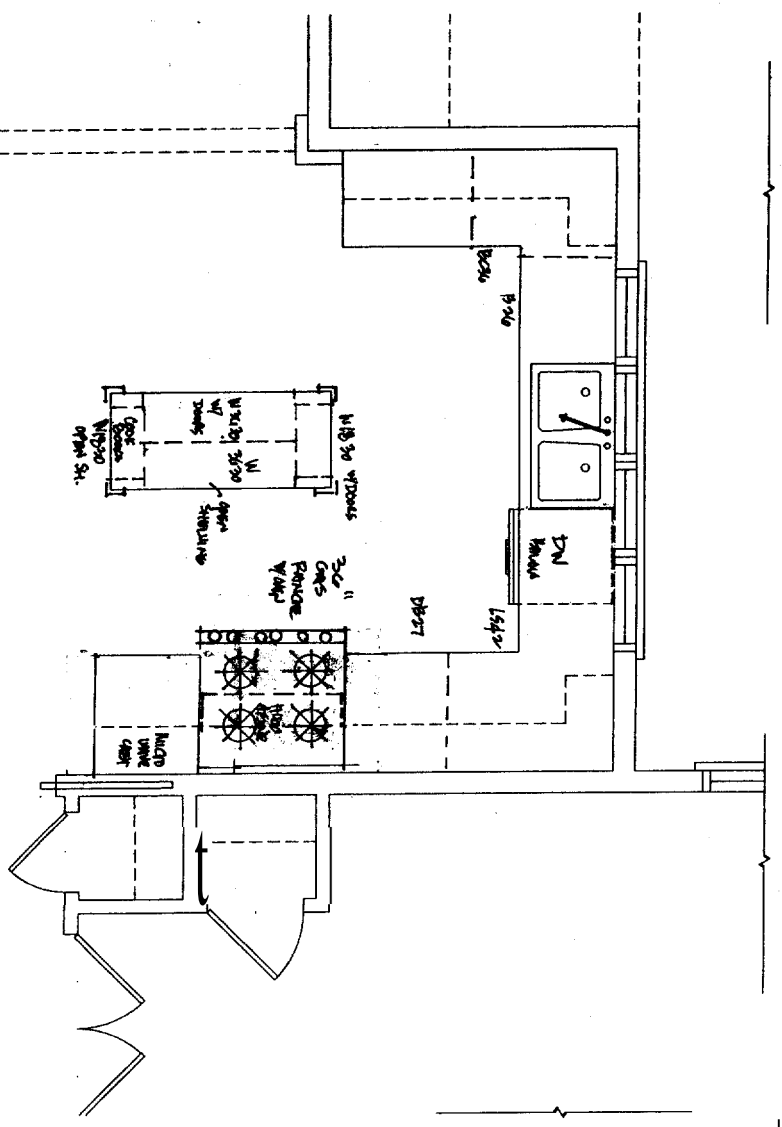
152 Fogg Road Scarborough, ME 04074

Calender Island, Inc.

Calender Island
Architecture

DATE	12-
NUMBER	024
DRAWN BY	RJB
CHECKED BY	MP

A-10



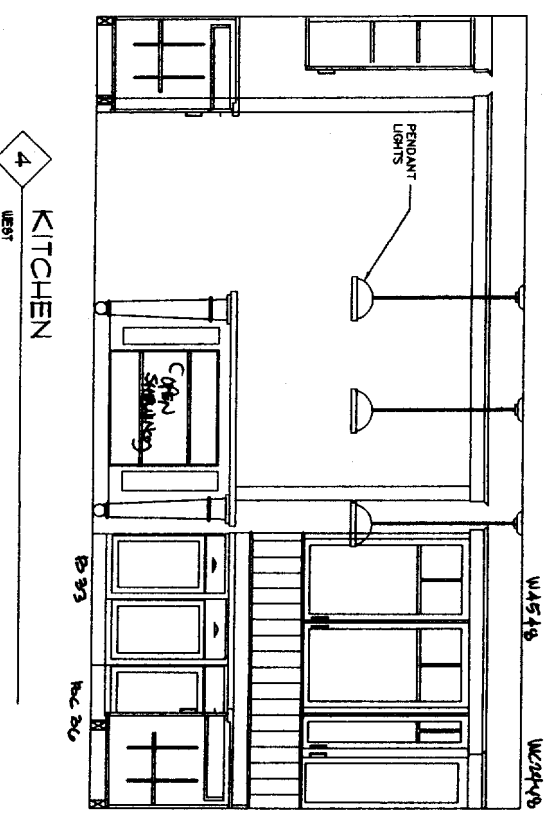
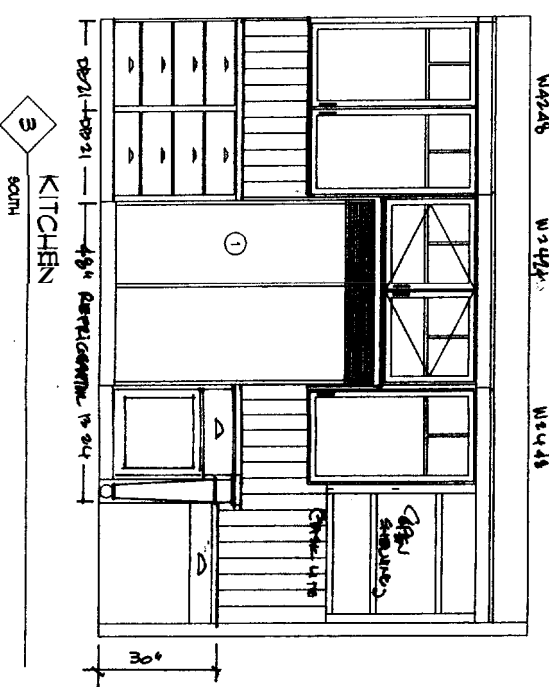
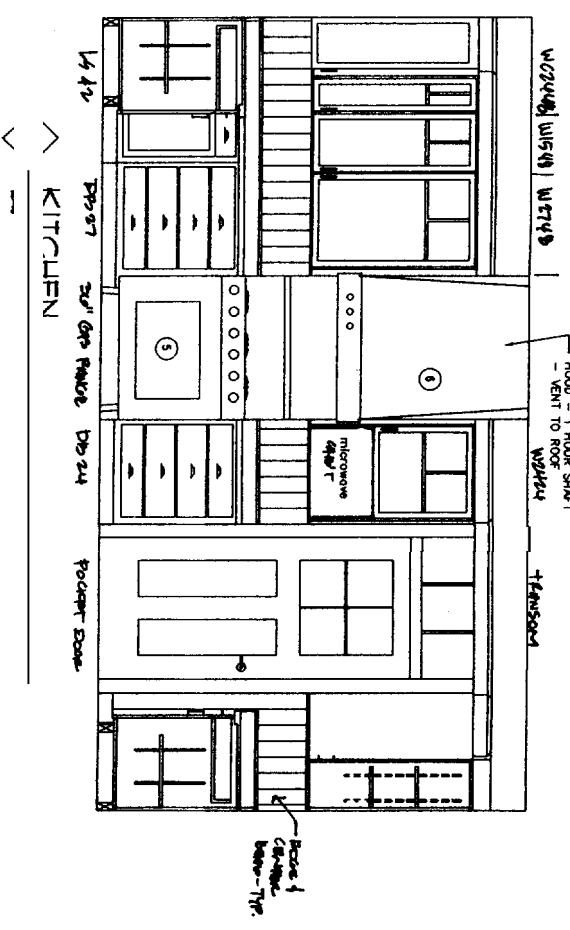
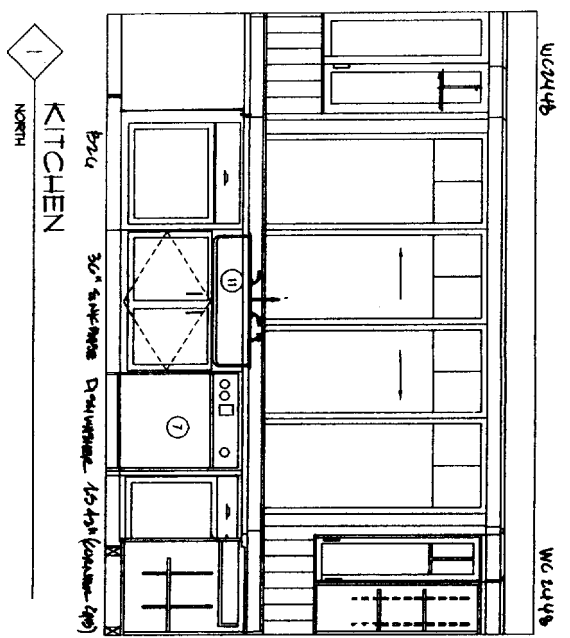
1 ENLARGED KITCHEN PLAN
SCALE: 1/8" = 1'-0"

KITCHEN EQUIPMENT SCHEDULE

ITEM QTY.	DESCRIPTION	MANUFACTURER	MFG. MODEL	ELECTRICAL				PLUMBING				CONTENTS		
				VOLT	HP	KW	AMP	PROPANE	HW	CW	W		IW	FD
1	Refrigerator/Freezer	GE Profile												
2	Gas Cooktop	GE Profile												
3	Vent-f-hood	GE Profile												
4	Microwave/Convection Oven/Range	GE Profile												
5	30" Dishwasher	GE Profile												
6														
7														
8														
9														
10														
11														
12														

LAUNDRY EQUIPMENT SCHEDULE

1	Washer	GE Profile or equal												
2	Dryer	GE Profile or equal												
3														
4														



REVISIONS	
NO.	DESCRIPTION

152 Fogg Road Scarborough, ME 04074

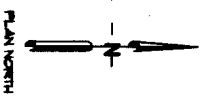
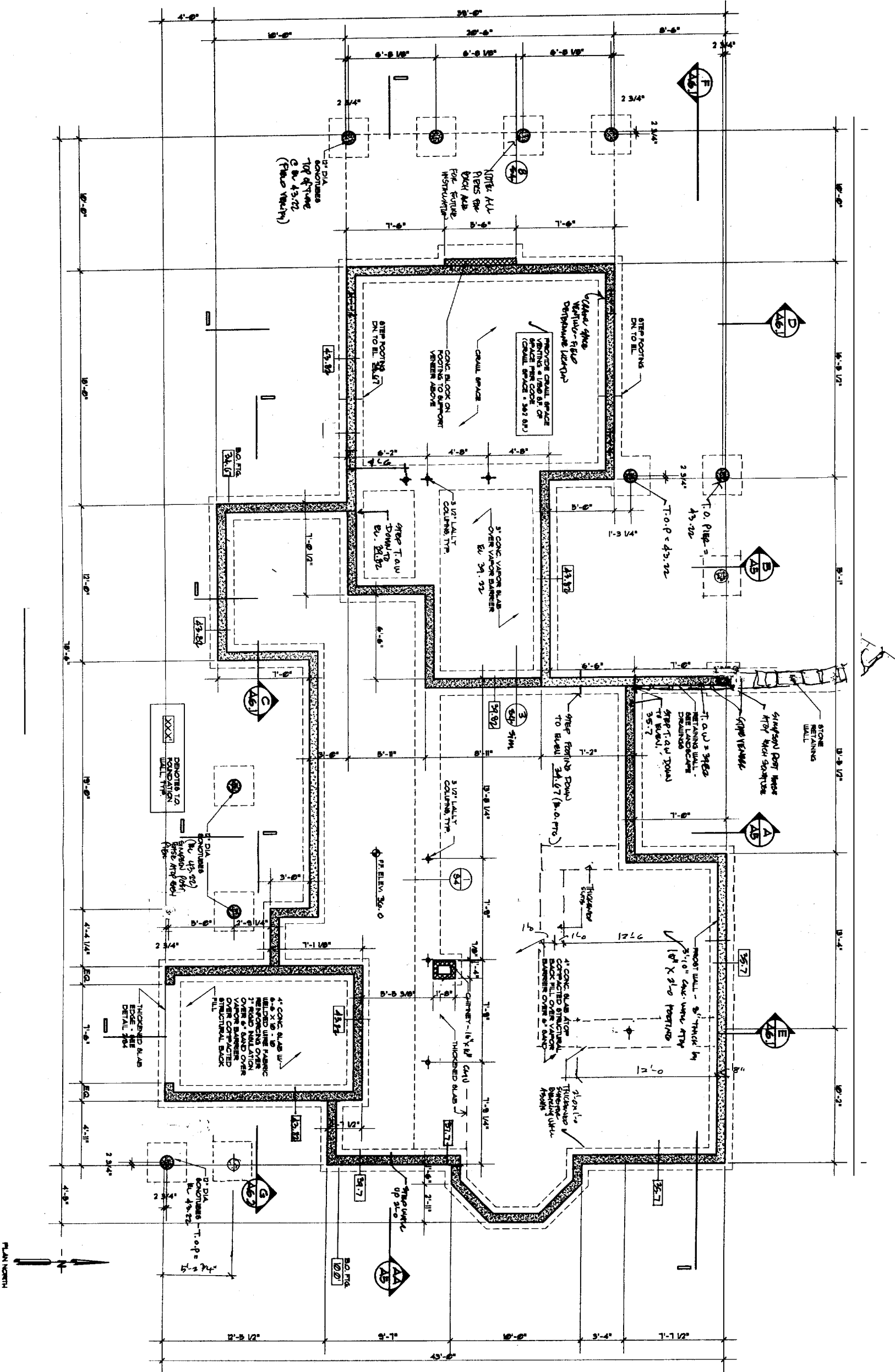
Columbar Island Architects

Phone (207) 865-9133 Fax (207) 865-5533

DRAWINGS THIS SHEET
WALL SECTIONS

DATE: 11/12
DRAWN BY: BJD
CHECKED BY: MP

K-1



DRAWINGS THIS SHEET
FOUNDATION PLAN

BATES RESIDENCE

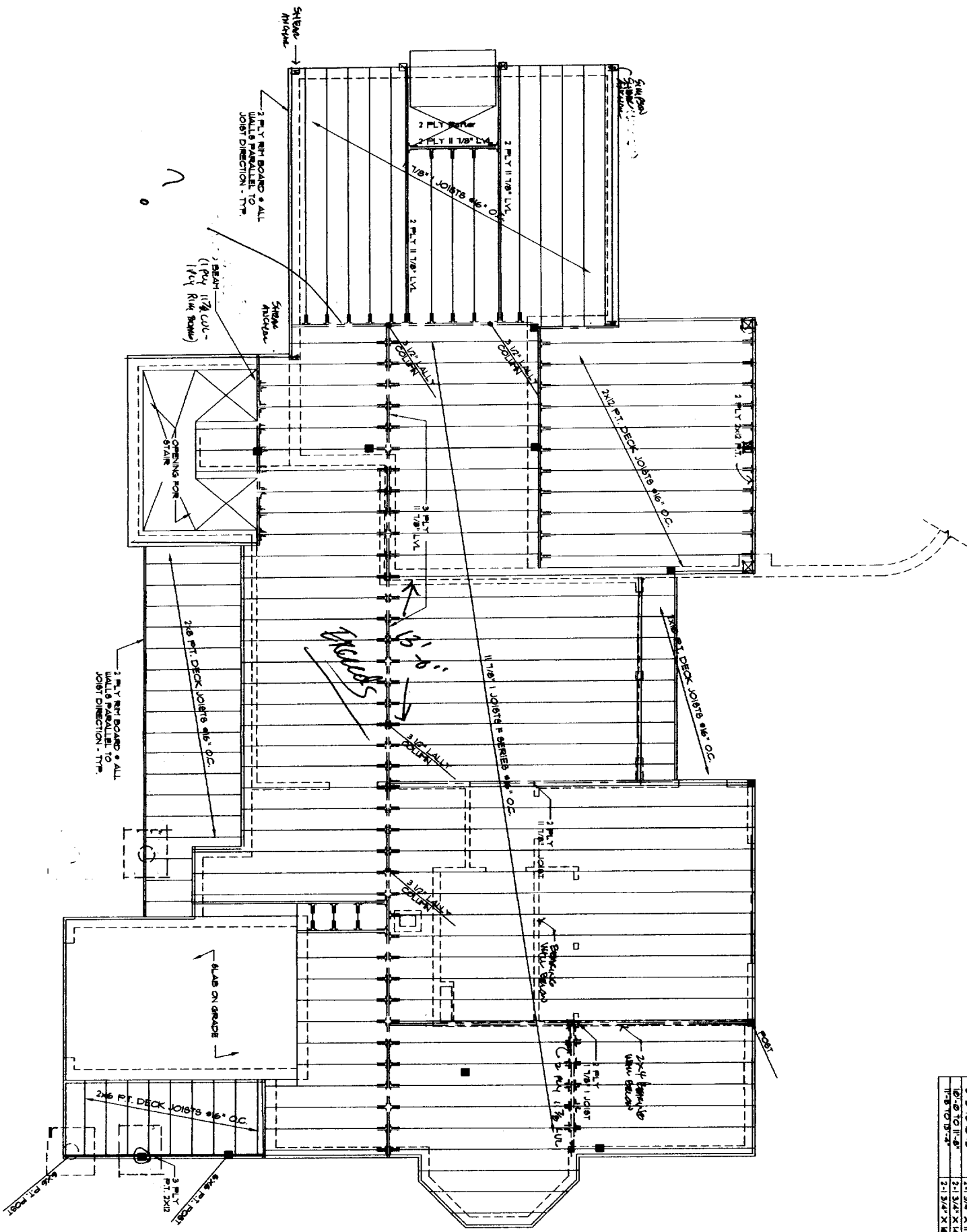
REVISIONS	
NO.	DESCRIPTION

152 Fogg Road Scarborough, ME 04079
 Colander Island Arch
 4003 BAC #102 Tel: 4003 BAC 4584



DATE: 07/12
 NUMBER: 07/12
 DRAWN BY: SJB
 CHECKED BY: WJP

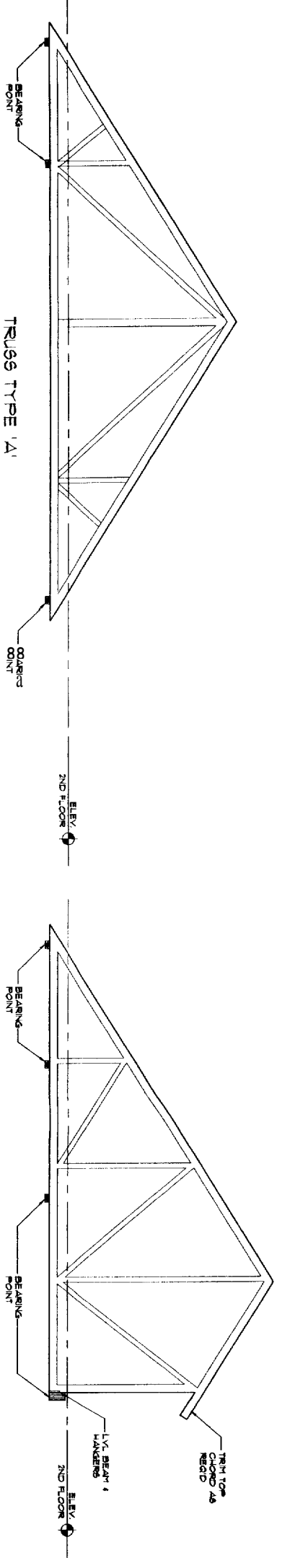
S-0



BEAM SCHEDULE			
NO.	MEMBER SIZE	NO.	MEMBER SIZE
B1		B1.9	
B2		B1.10	
B3		B1.11	
B4		B1.12	
B5			
B6			
B7			

HEADER SCHEDULE			
SPAN	LINTEL SIZE	POST	EACH END
UP TO 2'-0"	2-2x4 @	2-2x4 @	
2'-0" TO 2'-6"	2-2x4 @	2-2x4 @	
2'-6" TO 3'-0"	2-2x4 @	2-2x4 @	
3'-0" TO 3'-6"	2-2x4 @	2-2x4 @	
3'-6" TO 4'-0"	2-2x4 @	2-2x4 @	
4'-0" TO 4'-6"	2-1 3/4" X 8 1/2" LVL @	2-2x4 @	
4'-6" TO 5'-0"	2-1 3/4" X 8 1/2" LVL @	2-2x4 @	
5'-0" TO 5'-6"	2-1 3/4" X 8 1/2" LVL @	3-2x4 @	
5'-6" TO 6'-0"	2-1 3/4" X 11 1/8" LVL @	3-2x4 @	
6'-0" TO 6'-6"	2-1 3/4" X 11 1/8" LVL @	4-2x4 @	
6'-6" TO 7'-0"	2-1 3/4" X 14" LVL @	4-2x4 @	
7'-0" TO 7'-6"	2-1 3/4" X 14" LVL @		

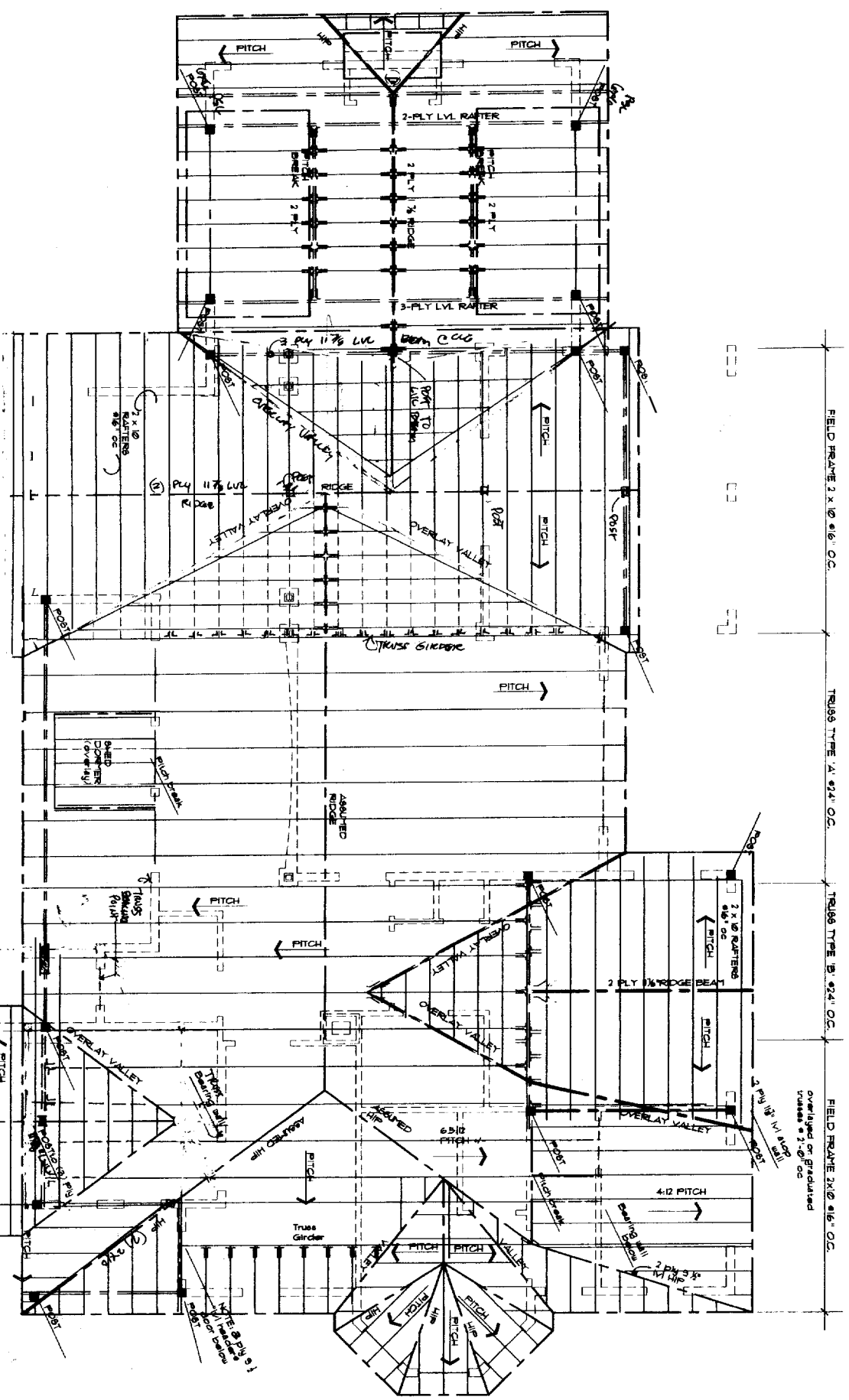
S-1



TRUSS TYPE 'A'
 Note: truss design shown is schematic.
 The actual design shall be registered per
 the local building code.
TRUSS TYPE 'A-1'
 Graduated trusses (step down) 2'-0" oc

ALTERNATE FIELD RAFTERS
 FIELD RAFTERS 2" X 10" @ 24" O.C.
 2" X 10" @ 24" O.C.

TRUSS TYPE 'B'
 Note: field frame alternative:
 1/2" x 10" joists @ 16" oc



ROOF BEAM SCHEDULE

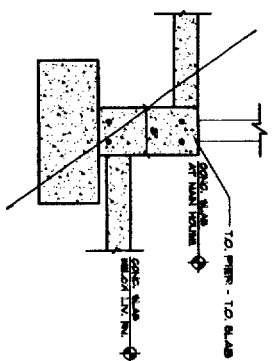
NO.	MEMBER SIZE
1	
2	
3	
4	
5	

CEILING BEAM SCHEDULE

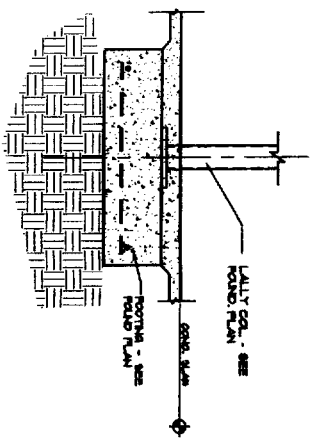
NO.	MEMBER SIZE
1	
2	
3	
4	
5	

HEADER SCHEDULE - UNLESS NOTED ON PLAN

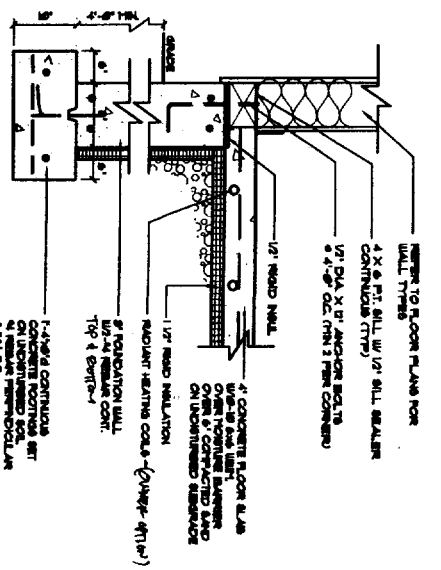
SPAN	LINTEL SIZE	POST @ EACH END
UP TO 2'-0"	2-2X8 S	2-2X4 S
2'-0" TO 2'-6"	2-2X8 S	2-2X4 S
2'-6" TO 3'-3"	2-2X8 S	2-2X4 S
3'-3" TO 4'-0"	2-2X8 S	2-2X4 S
4'-0" TO 4'-6"	2-3/4" X 8 1/2" LVL S	2-2X4 S
4'-6" TO 6'-0"	2-3/4" X 8 1/2" LVL S	2-2X4 S
6'-0" TO 8'-0"	2-3/4" X 9 1/2" LVL S	3-2X4 S
8'-0" TO 10'-0"	2-3/4" X 11 1/2" LVL S	3-2X4 S
10'-0" TO 11'-6"	2-3/4" X 14" LVL S	4-2X4 S
11'-6" TO 13'-0"	2-3/4" X 16" LVL S	4-2X4 S



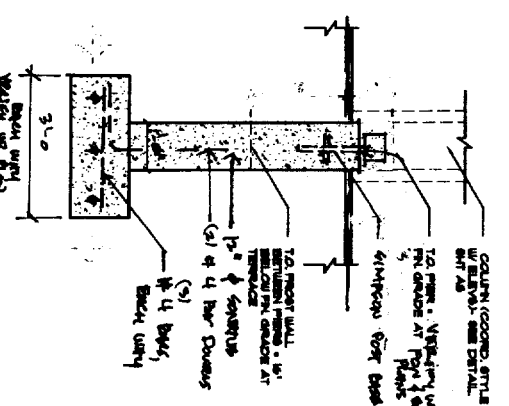
11 DETAIL AT STEP IN CONC. SLAB
SCALE 1/4" = 1'-0"



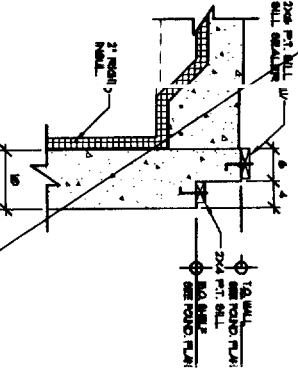
12 DETAIL AT TOTALTY COL. FOOTING
SCALE 1/4" = 1'-0"



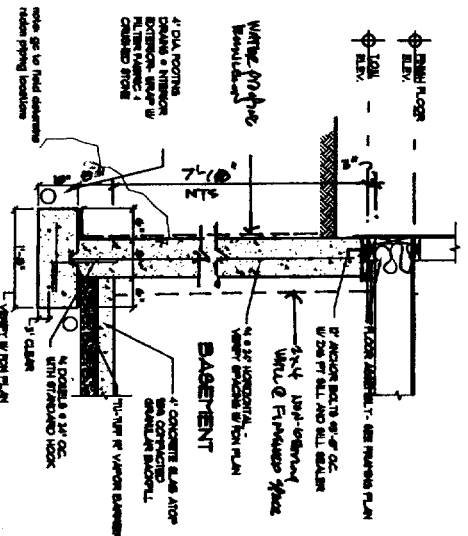
9 TYP. FOOT WALL / SLAB DETAIL
SCALE 1/4" = 1'-0"



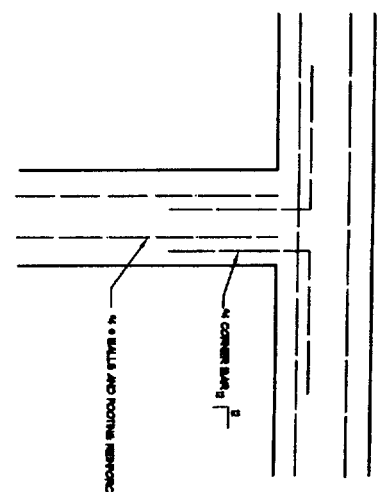
8 DETAIL AT COLUMN PIER
SCALE 1/4" = 1'-0"



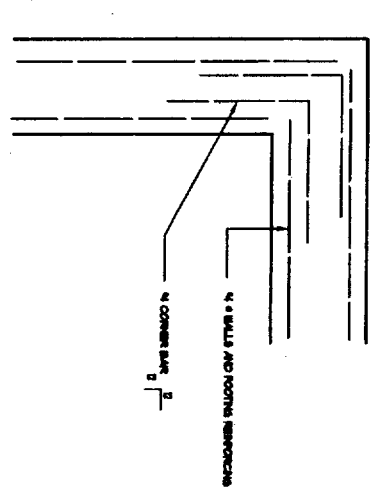
7 JOINT SHELF DETAIL
SCALE 1/4" = 1'-0"



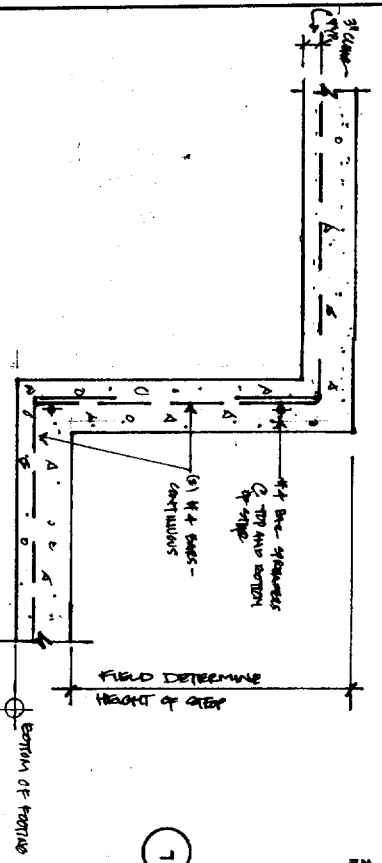
6 TYPICAL FILL HEIGHT WALL DETAIL
SCALE 1/4" = 1'-0"



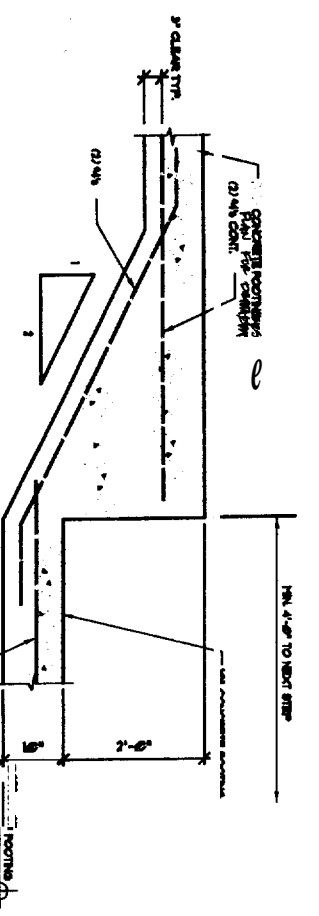
5 CORNER BAR DETAIL
SCALE 1/4" = 1'-0"



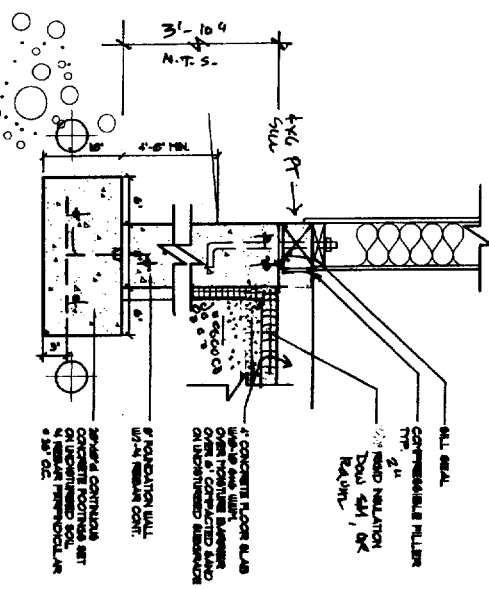
4 CORNER BAR DETAIL
SCALE 1/4" = 1'-0"



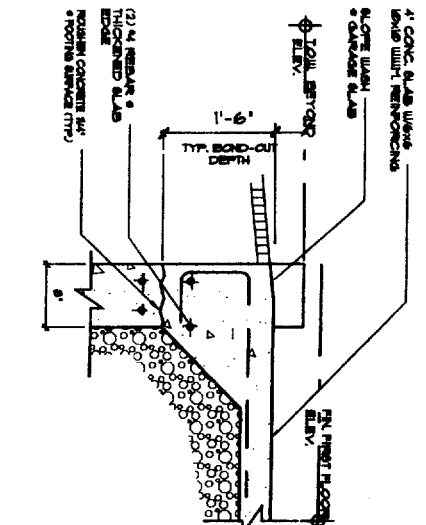
13 STEP FOOTING DETAIL
(TYPE TR10)
SCALE 1/4" = 1'-0"



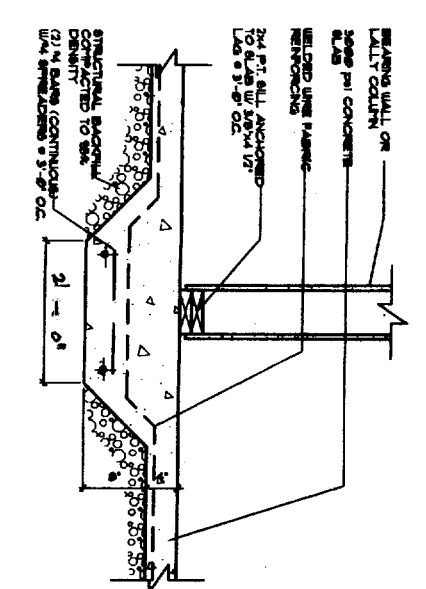
14 DETAIL AT STEP FOOTING
(TYPE Q1E)
SCALE 1/4" = 1'-0"



3 TYP. FOOT WALL
SCALE 1/4" = 1'-0"



2 THICKENED SLAB - GARAGE
SCALE 1/4" = 1'-0"



1 SLAB DETAIL - BEARING WALL
SCALE 1/4" = 1'-0"

FOUNDATION NOTES:

- DESIGN BEARING CAPACITY:
2.0 KSF FOOTING ON SOIL
6.0 KSF FOOTING ON LEDGE
- OWNER TO PROVIDE GEOTECHNICAL INVESTIGATION PER BOCA 1996 CODE REQUIREMENTS
- CONTRACTOR SHALL RETAIN A QUALIFIED TESTING LABORATORY TO PERFORM THE FOLLOWING TESTS:
ONE DENNITY TEST PER 2000 SQUARE FEET OF COMPACTED SUBGRADE AND COMPACTED FILL
ONE DENNITY TEST PER 50 FEET OF WALL FOOTING.
ANY MATERIAL THAT DOES NOT MEET DENNITY REQUIREMENTS OF QUERRE'S GEOTECHNICAL INVESTIGATION REPORT SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE. TESTINGS OF REJECTED MATERIAL WILL BE AT CONTRACTOR'S EXPENSE.
- PLACE FOOTINGS ON EXPOSED LEDGE SURFACE WHERE POSSIBLE. STRIP SOIL COVER FROM LEDGE AND CLEAN ALL LOOSE MATERIAL FROM LEDGE SURFACE BEFORE CONSTRUCTING FOOTINGS.
- WHERE FOOTINGS DO NOT BEAR DIRECTLY ON LEDGE PROVIDE MIN. 5" OF SOIL COVER ABOVE BOTTOM OF FOOTING. PLACE FOOTINGS ON UNDISTURBED MATERIAL. NOTIFY ENGINEER IF UNSUITABLE MATERIALS ARE ENCOUNTERED AT FOOTING SUBGRADE.
- UNDER FLOOR SLABS, REMOVE TOPSOIL AND UNSUITABLE MATERIALS, FILL OVER EXCAVATED AREAS WITH COMPACTED GRAVEL. PROVIDE MIN. 6" OF COMPACTED GRAVEL OR SAND UNDER SLABS.
- UNDER SLABS (AND FOOTINGS IF REQUIRED) COMPACT MATERIAL TO 95% OF MAX DENNITY DETERMINED BY ASTM D1557, MODIFIED.
- PROVIDE MATERIAL MEETING THE FOLLOWING GRADATIONS BY WEIGHT:
GRAVEL:
SIEVE SIZE % PASSING
3" 100
1 1/4" 90 - 100
NO. 40 0 - 30
NO. 200 0 - 5
SAND:
SIEVE SIZE % PASSING
3/8" 100
NO. 4 95 - 100
NO. 10 90 - 95
NO. 20 85 - 95
NO. 40 75 - 85

CONCRETE NOTES:

- BACKFILL BOTH SIDES OF FOUNDATION WALLS AT THE SAME TIME EXCEPT FOR WALLS DESIGNED TO BE PERMANENT RETAINING WALLS. DO NOT BACKFILL RETAINING WALLS UNTIL 1 DAY AFTER PLACING CONCRETE.
- DESIGN CODE: ACI 308-06
- MIN. 28 DAY COMPRESSIVE STRENGTH: 4000 PSI (SLAB ON GRADE) 3000 PSI (ALL OTHERS)
- REINFORCEMENT: GRADE 60 ASTM A635 WELDED WIRE FABRIC ASTM A603 MIN. CONCRETE COVER:
3" FOR CONCRETE CAST AGAINST SOIL
2" FOR OTHER CONCRETE UNLESS SHOWN OTHERWISE
- PROVIDE CONTROL JOINTS OR CONSTRUCTION JOINTS IN FOUNDATION WALLS AT 40' O.C. MAX SPACING. LOCATE JOINTS TO MATCH JOINTS IN MASONRY WHERE POSSIBLE.
- SPRICE LENGTHS (UNLESS SHOWN OTHERWISE):
HORIZONTAL BARS IN WALLS & LONGITUDINAL BARS IN FOOTINGS:
#1 - 4'
#2 - 6'
#3 - 8'
#4 - 10'
OTHER BARS:
#1 - 8'
#2 - 10'
#3 - 12'
#4 - 15'

WOOD FRAMING NOTES:

- STRUCTURAL LUMBER: NO. 2 SPRUCE-PINE-FIR OR BETTER AND SHALL BEAR THE GRADE STAMP OF THE MANUFACTURER'S ASSOCIATION.
- DESIGN CODE: NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION 1991 EDITION.
- FASTENERS: COMPLY WITH RECOMMENDED FASTENING SCHEDULE OF

ERECTOR NOTES:

- ALL WOOD MEMBERS MUST BE PROPERLY BRACED UNTIL THE COMPLETE STRUCTURAL SYSTEM HAS BEEN CONSTRUCTED.
- N THE EVENT OF ERROR, DEFECT IN MATERIALS, AND/OR WORKMANSHIP OF SHOP WORK WHICH PREVENTS PROPER ASSEMBLING AND FITTING UP OF PARTS, IMMEDIATELY REPORT TO THE ENGINEER AND OBTAIN ENGINEER'S APPROVAL TO THE METHOD OR CORRECTION.
- CONSIDERATION BY THE CONTRACTOR MUST BE MADE TO ACCOMMODATE DEFLECTIONS OF THE STRUCTURAL FRAMING SYSTEM. CONSIDERATION MUST ALSO BE MADE TO ACCOMMODATE DIMENSIONAL CHANGES IN WOOD MEMBERS DUE TO CYCLIC CHANGES IN HUMIDITY CONDITIONS. SLIP JOINTS MUST BE USED AT GLASS FINISHING AND NON-LOAD BEARING PARTITIONS.

WOOD TRUSS NOTES:

- DESIGN CODES:
NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION, 1991 EDITION.
DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES. (TPI-05)
BOCA NATIONAL BUILDING CODE/1996
- THE WOOD TRUSS MANUFACTURER MUST PARTICIPATE IN A CODE APPROVED THIRD PARTY QUALITY ASSURANCE PROGRAM SUCH AS THE TRUSS PLATE INSTITUTE'S QUALITY ASSURANCE PROGRAM OR EQUIVALENT.
- WOOD TRUSS DESIGN SHOP DRAWINGS SHALL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING INFORMATION:
SPAN LENGTH, OVERHANG AND EAVE DIMENSIONS, SLOPE AND SPACING OF WOOD TRUSSES.
DESIGN LOADS AND THEIR POINTS OF APPLICATION WITH VALLEY AND CONVENTIONAL RAFTING CONSIDERED.
ADJUSTMENT TO ALLOWABLE VALUES.
REACTIVE FORCES AND THEIR LOCATIONS.
BEARING TYPE AND MINIMUM BEARING LENGTH.
DEFLECTIONS, SPAN AND REACTIONS.
METAL CONNECTOR PLATE TYPE, GAUGE, SIZE AND LOCATION.
LUMBER SIZE, SPECIES, GRADE AND MOISTURE CONTENT.
LOCATION AND CONNECTION DESIGN OF REQUIRED CONTINUOUS LATERAL BRACING.

TRUSS MEMBERS - NO. 2 OR BETTER SOUTHERN PINE, KILN DRIED TO 15% MAXIMUM MOISTURE CONTENT OR APPROVED EQUAL.

- WOOD TRUSSES SHALL BE DESIGNED WITH AT LEAST ONE HORIZONTAL ROLLER CONNECTION PER SPAN SO THAT NO HORIZONTAL REACTIONS ARE INDUCED ON SUPPORTS UNDER DEAD OR LIVE LOADS. WOOD TRUSSES MUST BE DESIGNED FOR DEAD, LIVE, SNOW, WIND AND SEISMIC FORCES PER BOCA 1996. SHOW LOAD COMBINATIONS ON SHOP DRAWINGS.
- BRACING: THE TRUSS MANUFACTURER SHALL SPECIFY ALL BRACING REQUIRED BOTH FOR TEMPORARY CONSTRUCTION LOADING AND FOR PERMANENT LATERAL SUPPORT OF COMPRESSION MEMBERS. HANDLE, INSTALL AND BRACE WOOD TRUSSES IN ACCORD WITH TPI "H19-91".
- CONTINUOUS BOTTOM CHORD LATERAL BRACING IS REQUIRED AT 10' O.C. MINIMUM UNLESS NOTED OTHERWISE. BOTTOM CHORD BRACING IS CONTINUOUS FROM ONE END OF THE BUILDING TO THE OTHER END. OVERLAP CONTINUOUS BRACING AT LEAST ONE TRUSS SPACE. USE A MINIMUM OF 2 X 4 GRADE MARKED LUMBER AT LEAST 10' LONG. W/ 2-1/2" VALS AT INTERMEDIATE AND 3-1/2" VALS AT END CONNECTION.
- CROSS BRACING IS REQUIRED AT MINIMUM 10' O.C. UNLESS NOTED OTHERWISE. LOCATE CROSS BRACING AT EACH END AND AT 10' O.C. ALONG THE LENGTH OF LATERAL BRACING. CROSS BRACING IS ACCOMPLISHED BY ATTACHING DIAGONAL WEB BRACING TO OPPOSITE SIDES OF THE SAME GROUP OF BRIMMAGE WEB MEMBERS. ALONG CROSS BRACING IN OPPOSITE DIRECTIONS AT APPROXIMATELY 45 DEGREES FORMING A CROSS "X". USE A MINIMUM OF 2 X 4 GRADE MARKED LUMBER WITH AT LEAST 2 - 1/2" VALS AT EACH CONNECTION.
- VALS FOR TRUSSES: NO. 2 OR BETTER SPRUCE-PINE-FIR, 1/2" MAX MOISTURE CONTENT, OR MIN. FE PERPENDICULAR = 4/8" PSI.
- ALL WOOD TRUSSES SHALL BE FASTENED TO THEIR SUPPORTS WITH CODE APPROVED HARBURG CLIPS OR STRAPS. CONTRACTOR MUST ORDER AND INSTALL HARBURG CLIPS OR STRAPS FOR THE UP/LIFT AND LATERAL FORCES SHOWN ON THE WOOD TRUSS SHOP DRAWINGS.
- ALL CONNECTION HARDWARE SHALL BE GALVANIZED SIMPSON STRONG-TIE OR BY ENGINEER APPROVED EQUIVALENT MANUFACTURER. ALL CONNECTION HARDWARE IS TO BE FULLY FASTENED PER MANUFACTURER'S REQUIREMENTS.
- GABLE ENDWALL TRUSSES MUST TRANSFER LATERAL LOADS TO THE SHEAR WALLS AND/OR THE ROOF DIAPHRAGM.
- PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE.
- IDENTIFY WOOD TRUSS SHOP DRAWINGS BEARING THE SEAL OF A LICENSED REGISTERED PROFESSIONAL ENGINEER AND THE FOLLOWING INFORMATION:
THE FE SEALED WOOD TRUSS DESIGN CALCULATIONS FOR EACH TYPE OF TRUSS.
THE FE SEALED WOOD TRUSS ERECTION PLAN, INCLUDING CONNECTION DETAILS.
THE FE SEALED WOOD TRUSS TEMPORARY ERECTION BRACING PLAN.

FIRE-ENGINEERED WOOD JOISTS:

- PRE-ENGINEERED WOOD JOISTS SHALL BE BY TRUS JOIST CORPORATION OR BY ENGINEER APPROVED EQUIVALENT MANUFACTURER
- DESIGN CODES:
NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION, 1991 EDITION.
BOCA NATIONAL BUILDING CODE/1996.
- PRE-ENGINEERED WOOD JOISTS SHALL BE SHOP FABRICATED WITH STRUCTURAL GRADE FLYWOOD MACHINE STRESS RATED FLANGES, AND WATERPROOF TYPED GLEBS.
- MANUFACTURER SHALL SUPPLY AND CONTRACTOR SHALL INSTALL JOIST BRIDGING AND ALL TEMPORARY ERECTION BRACING. FLYWOOD FLOORING SHALL BE GLEBED AND VALLED PER JOIST MANUFACTURER'S REQUIREMENTS.
- ALL CONNECTION HARDWARE SHALL BE GALVANIZED HARBURG CO. SIMPSON STRONG-TIE OR BY ENGINEER APPROVED EQUIVALENT MANUFACTURER. ALL CONNECTION HARDWARE IS TO BE FULLY FASTENED PER MANUFACTURER'S REQUIREMENTS.
- PRE-ENGINEERED WOOD JOISTS MUST BE DESIGNED FOR DEAD, LIVE, SNOW, WIND AND SEISMIC FORCES PER BOCA 1996. SHOW LOAD COMBINATIONS ON SHOP DRAWINGS.
- IDENTIFY PRE-ENGINEERED WOOD JOIST SHOP DRAWINGS BEARING THE SEAL OF A LICENSED REGISTERED PROFESSIONAL ENGINEER

MICROLAM LVL LUMBER:

- MATERIAL MANUFACTURE AND QUALITY CONTROL SHALL BE IN CONFORMANCE WITH CABO REPORT NO. NFR-126. ADHESIVES SHALL BE WATERPROOF TYPE CONFORMING TO REQUIREMENTS OF ASTM D-2559.
- MINIMUM ALLOWABLE STRESSES:
Fb = 2500 PSI
Fv = 260 PSI
Fe // = 2500 PSI
E = 2,000,000 PSI
- THIS IS IN AGREEMENT W/ 04/00-4
- PROVIDE WRITTEN CERTIFICATION THAT MICROLAM / LVL MEMBERS CONFORM TO ABOVE REQUIREMENTS.

LOADING NOTES:

- CODE: BOCA 1996
- AREA LIVE LOADS:
ROOF = 40 PSF (.20 PSF PARTITION)
CORRIDOR = 60 PSF (.20 PSF PARTITION)
LOBBY / LOUNGE = 100 PSF
STAIRS = 100 PSF

ROOF SNOW LOAD:

Pg = 60 PSF	Cs = .7	Ce = 1.0	Pt = 42 PSF
Roof Slope Varied, Blowed Roof Loads:			
4/12	1.0	42 PSF	51.2 PSF
6/12	0.871	36.1 PSF	41.1 PSF
12/12	0.75	26.25 PSF	32.8 PSF

NOTE: USE UNBALANCED LOAD ON LEeward SIDE OF HIP AND GABLE ROOF. IN THE UNBALANCED CASE UNLOADING SIDE IS CONSIDERED FREE OF SNOW.
DRAFT AND SLIDING SNOW LOADINGS:
Ud = 0.57 FT.
Us = 25 FT.
D = 210 PSF
Pg = 60 PSF
Hd = 215
Hs = 215
Pmax = 210 PSF (1/4 x 215) + 215% = 25 PSF (SLIDING SNOW W/ DRAFT)
Pmax = 210 PSF (1/2 x 215) + 0.6 PSF (DRAFT AT HIGH)

WIND LOAD:

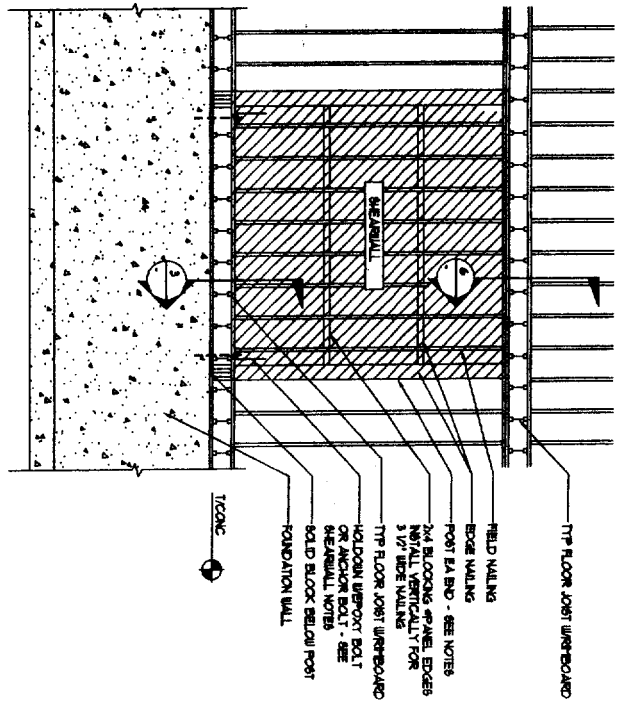
BASIC WIND SPEED V: 80 MPH	EXPOSURE CATEGORY: C	IMPORTANCE FACTOR I: 1.05
H = 16.4 PSF	h = 20 FT.	Z = 20 FT.
K1 = .81	K2 = .81	G1 = 1.25
G2 = 1.25	L1 = 2.25	L2 = 4
WALL Cp UNLOADING = .8	WALL Cp LEeward = -.3	WALL Cp SIDEWALL = -.1
FOR ROOF WIND LOADING USE 812 ROOF SLOPE:		
ROOF Cp UNLOADING = .3 or -.1	ROOF Cp LEeward = -.1	
GCP1 = +.25	GCP LEeward = -.16	GCP UNLOADING = .12
WALL PRESSURE UNLOADING P = .82 PSF	WALL PRESSURE LEeward P = -.55 PSF	WALL PRESSURE SIDEWALL P = -.13 PSF
ROOF PRESSURE UNLOADING P = .93 PSF or -.13 PSF	ROOF PRESSURE LEeward P = -.13 PSF	PARTS AND COMPONENT WIND LOADING (ALL ZONES):
P = .211 PSF or -.211 PSF		
POSITIVE PRESSURE ACTS TOWARDS SURFACE AND NEGATIVE PRESSURE ACTS AWAY FROM SURFACE		

SEISMIC LOADS:

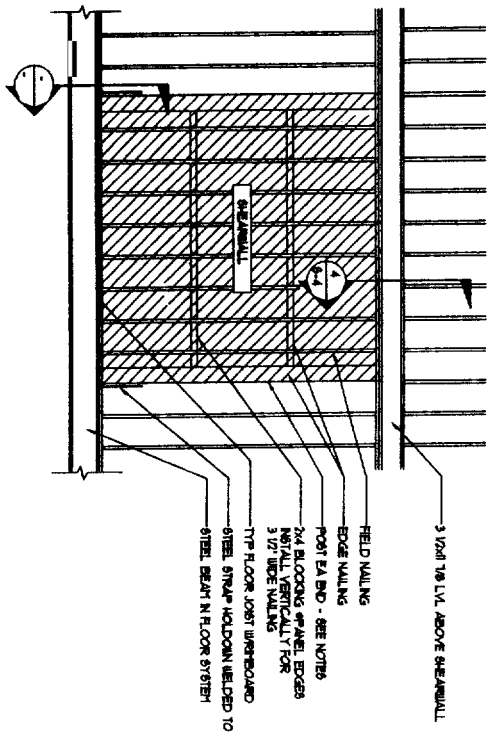
GROUP 1	AW = .1	R = 2.0	U = .1	V = 2.6 PSF (BASE SHEAR)
AW = .1	R = 2.0	U = .1	V = 2.6 PSF (BASE SHEAR)	
AW = .1	R = 2.0	U = .1	V = 2.6 PSF (BASE SHEAR)	
AW = .1	R = 2.0	U = .1	V = 2.6 PSF (BASE SHEAR)	

CONNECTION DESIGN:

F = .05 x (BEAM OR TRUSS REACTION LOAD)		
DEAD LOADS:		
ROOF DL:		
APPHALT SHINGLES		2.5
SHEDDING		1.9
2 X RAFTING WOOD TRUSSES		4.0
12 FID. BATT INSULATION		3.6
5/8" GYP. BO. CEILING		3.1
MISC.		1.0
TOTAL		16.0 PSF
FLOOR DL:		
2 X RAFTING BEAMS		2.0
DECKING		2.3
FLOORING		2.0
5/8" GYP. CEILING		3.1
MISC.		1.0



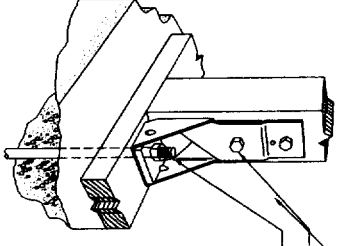
SHEARWALL TYPE A



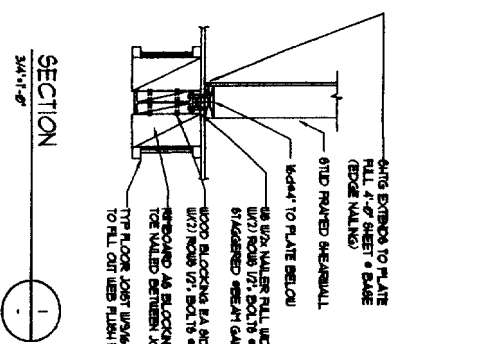
SHEARWALL TYPE B

PLYWOOD SHEAR WALL NOTES

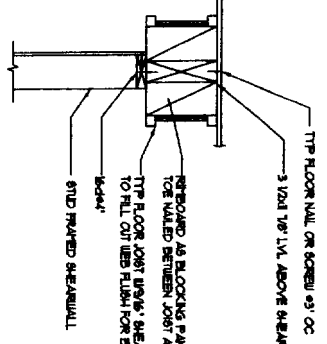
- COORDINATE SHEAR WALL DIMENSIONS WITH OPENINGS PER ARCH. HOLES ARE ALLOWED IN PLYWOOD SHEAR PANELS AS SHOWN ON THE DRAWINGS (SEE ARCHITECTURALS).
- INITIAL PLYWOOD WITH HORIZONTAL ORIENTATION.
- USE 4'-0\"/>



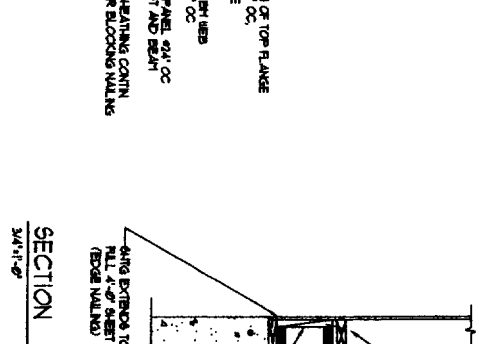
HD-TYPE HOLDDOWN



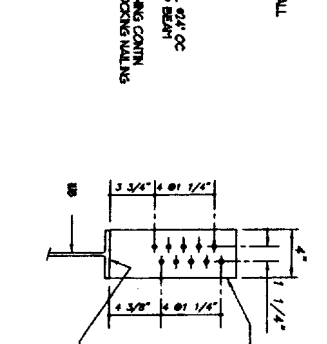
SECTION 1



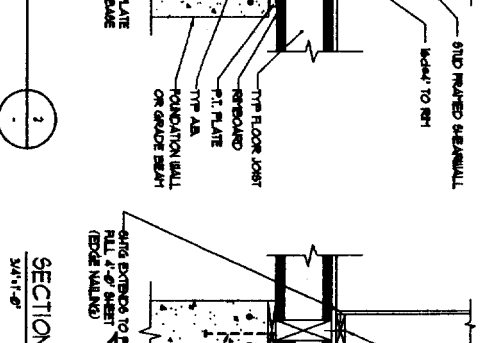
SECTION 2



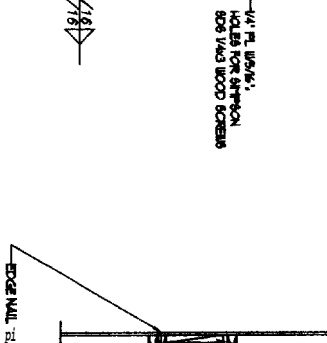
SECTION 3



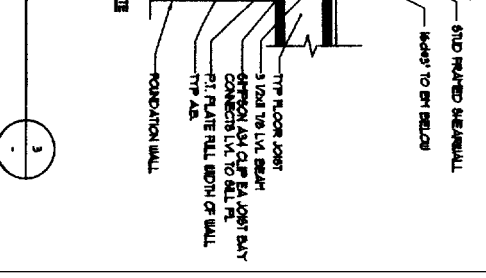
SECTION 4



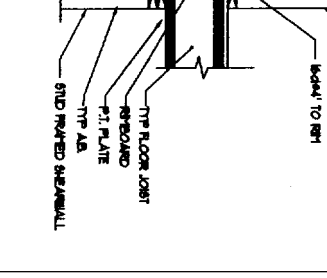
SECTION 5



SECTION 6



SECTION 7



SECTION 8