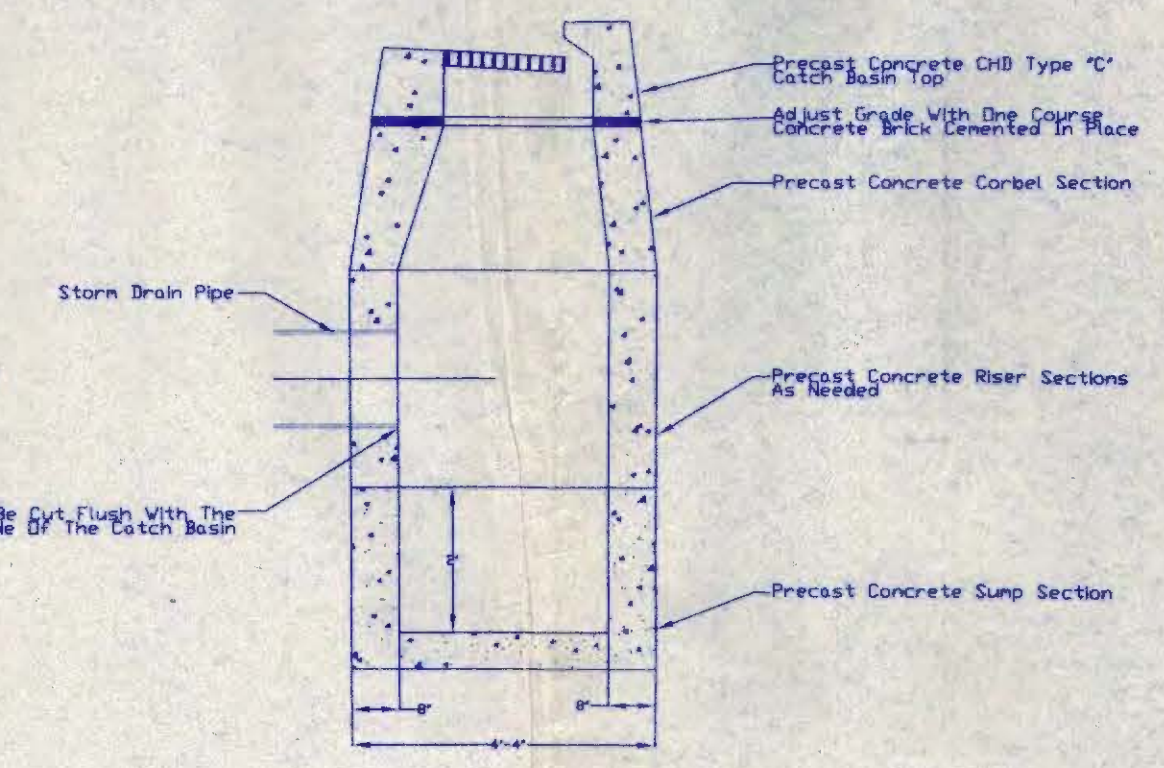
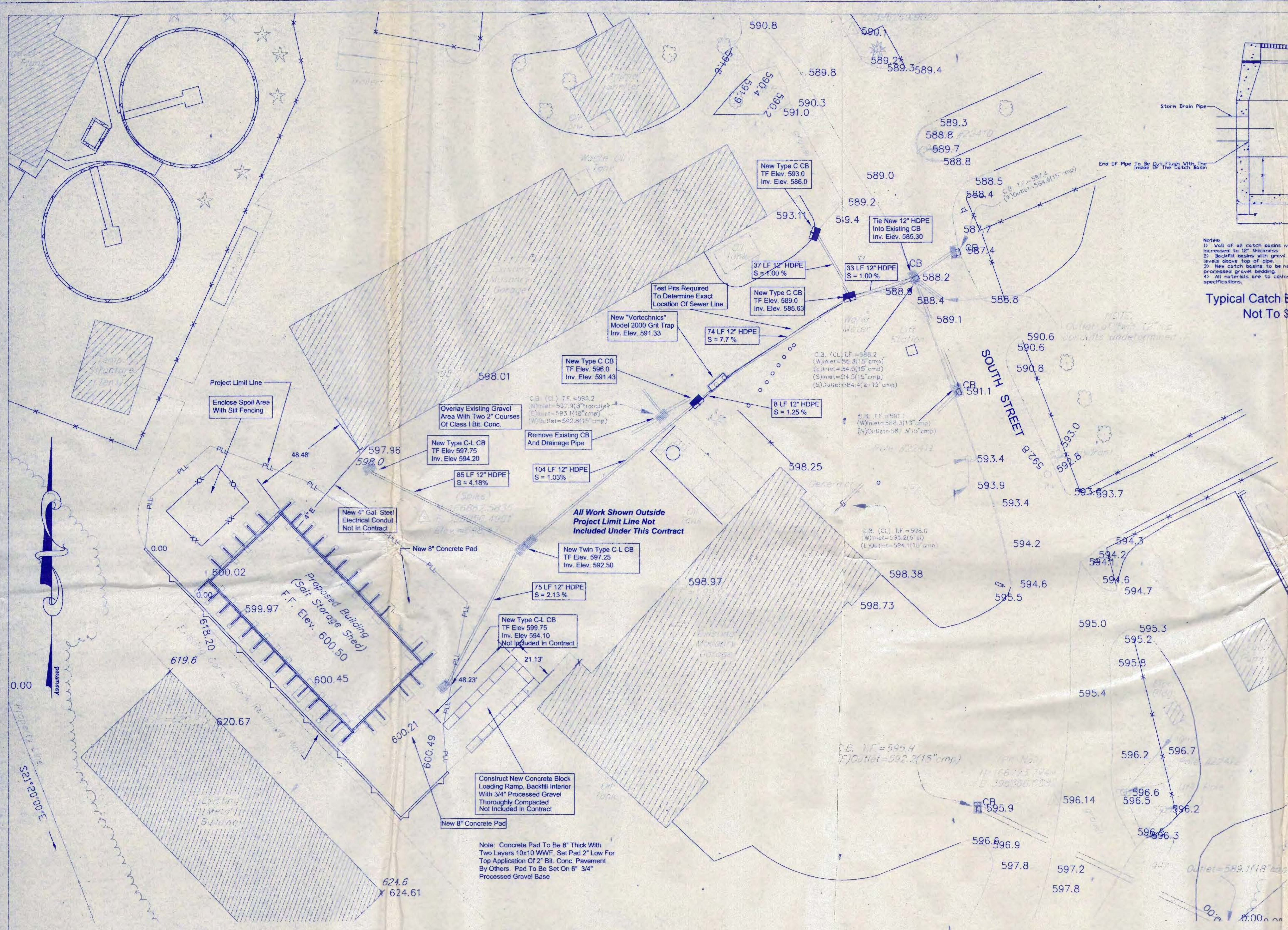




Notes:
 1) Wall of all catch basins over 10' deep shall be increased to 12\"/>

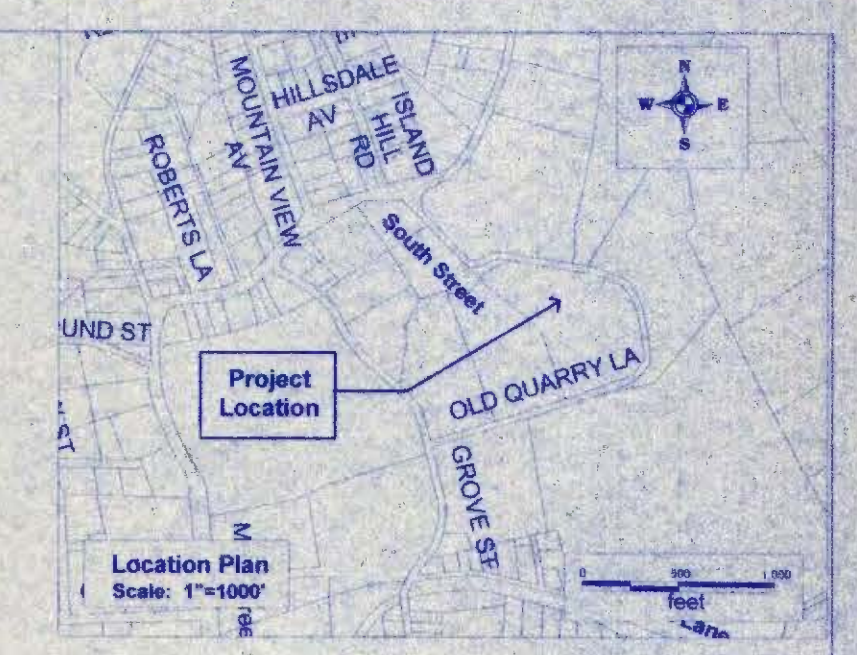
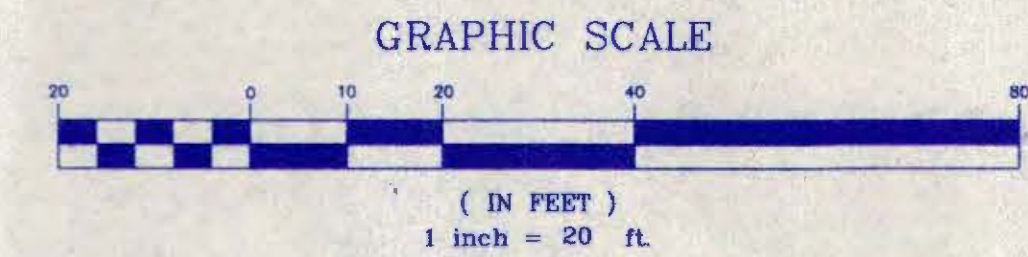


Table Of Zoning Parameters			
	Existing	Proposed	Max. Allowable
Building Coverage	4.40%	4.70%	25%
Impervious Area	39%	39%	75%
Building Height		39'-7"	40'-0"



3/8/01	CRF	For Construction
Date	By	Revision



APPROVED
TOWN OF RIDGEFIELD
BUILDING DEPARTMENT

[Signature] 8301
signature code

APPROVED
TOWN OF RIDGEFIELD
FIRE MARSHAL

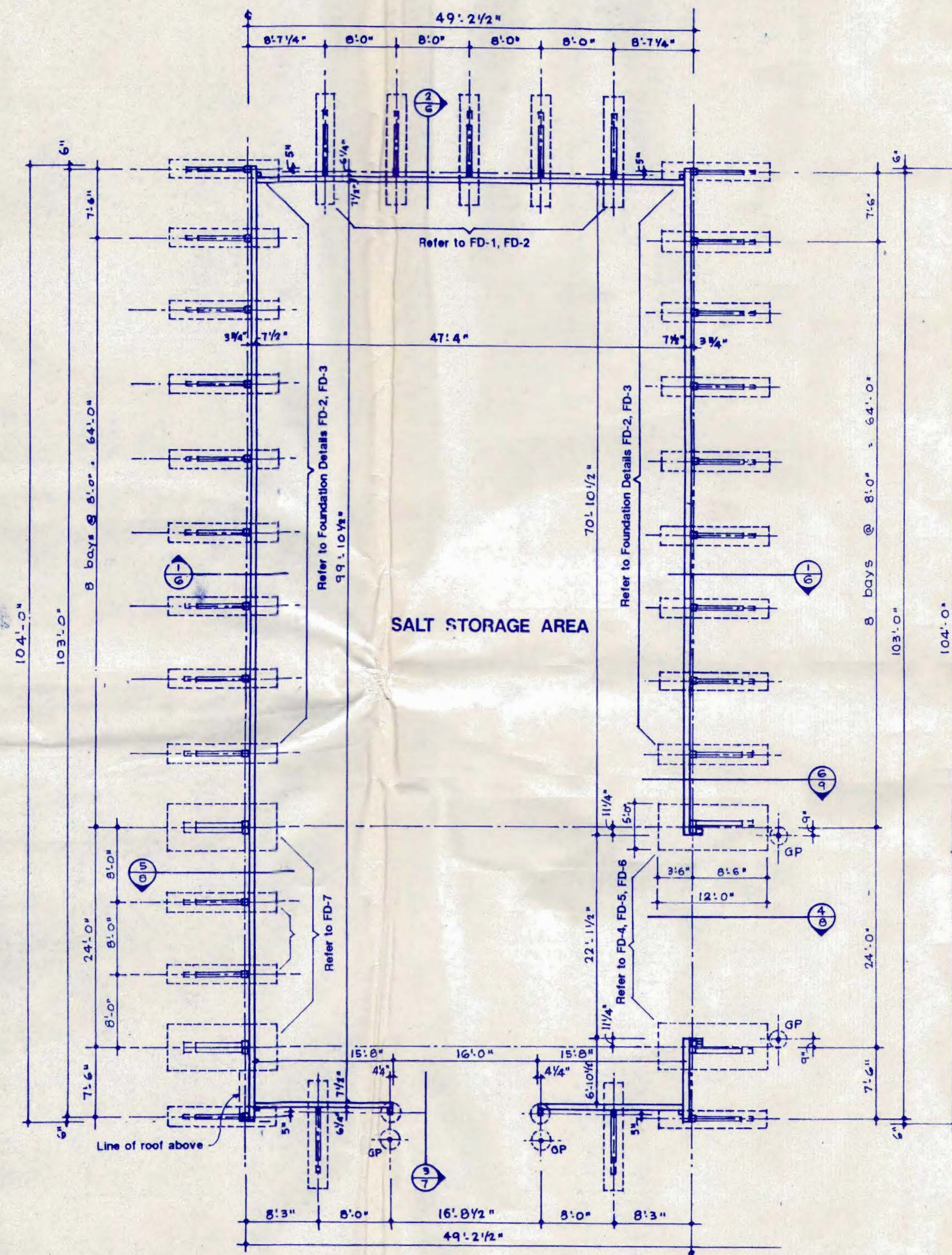
[Signature] 8301
signature date

REVIEWED BY
EILL

Field Survey Completed By New England Land Surveying

Underground Utilities Are Not Shown. The Contractor Is To Notify "Call Before You Dig" At 1-800-922-4455 Prior To Start Of Construction.

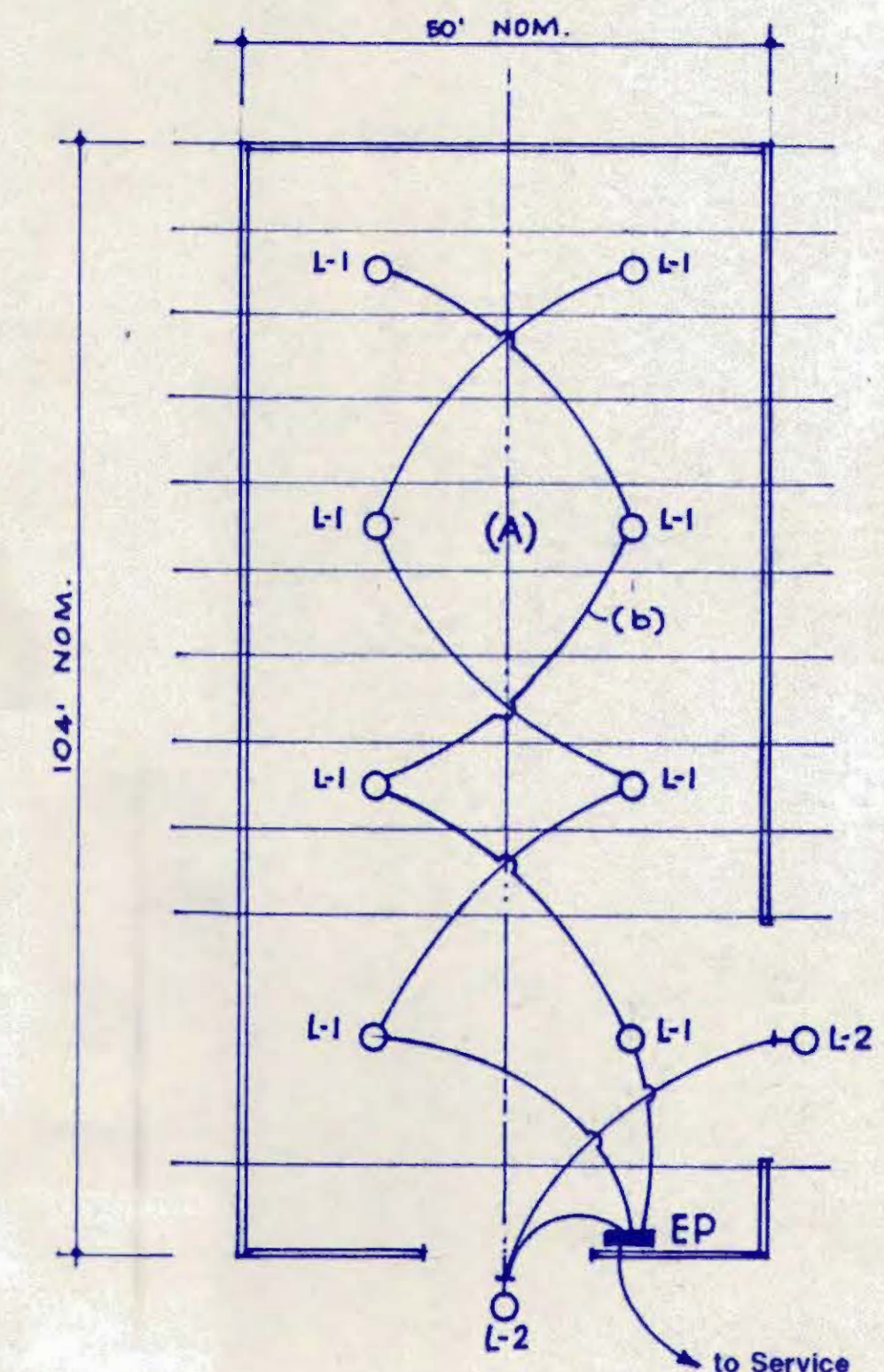
Town of Ridgefield Office of the Town Engineer	
HIGHWAY DEPARTMENT SALT STORAGE FACILITY	
SITE PLAN	
60 South Street, Ridgefield, Connecticut	
Charles R. Fisher, P.E., L.S. Town Engineer	Scales: As Noted On Plan Benchmarks: As noted On Plan
Designed: CRF Drawn: CRF Approved: CRF	Sheet 1 of 1 Date: January 13, 2001



FLOOR / FOUNDATION PLAN SCALE 1/8" = 1'-0"
Refer to Foundation Details on Dwg. A-2

ELECTRICAL NOTES

- L-1 400 W - 120 V METAL HALIDE LIGHT FIXTURE.
- L-2 175 W - 120 V MERCURY VAPOR LIGHT FIXTURE, DAWN - TO - DUSK.
- (A) LIGHTS TO BE LOCATED NO LOWER THAN BOTTOM OF TRUSSES (30').
- (B) 3 # 12 / 1/2" PVC CONDUIT.
- EP 100 AMP ELECTRICAL PANEL.



LIGHTING PLAN SCALE 1/16" = 1'-0"

NOTE : LIGHTING WORK NOT IN CONTRACT

INDEX OF DRAWINGS

- A-1 FLOOR / FOUNDATION PLAN, LIGHTING PLAN
- A-2 FOUNDATION DETAILS, BEARING PLATE DETAILS.
- A-3 BARRIER WALL DETAILS.
- A-4 ROOF FRAMING PLAN, TRANSVERSE BLDG. SECTION, STRUCTURAL DETAILS.
- A-5 BUILDING ELEVATIONS & SECTION.
- A-6 WALL SECTIONS & DETAILS.
- A-7 WALL SECTION & DETAILS.
- A-8 SIDEWALL ENTRANCE : WALL SECTIONS & DETAILS.
- A-9 SIDEWALL ENTRANCE : WALL SECTION & DETAILS.

NEW 50' X 104' X 12' (EE, SE, EL.)
SALT STORAGE BUILDING
TOWN OF RIDGEFIELD, CONNECTICUT

FLOOR / FOUNDATION PLAN
LIGHTING LAYOUT

AST
ADVANCED STORAGE TECHNOLOGY

• MINNEAPOLIS, MINN. •
• ELMBURG, NY •
• AMHERST, NY •
• RUTHERFORD, NJ •
• IRVINE, CA •

M. ORFI, Architect P.C.

4053 Maple Rd., Amherst, New York 14226
(716) 833-1337 FAX (716) 833-1375

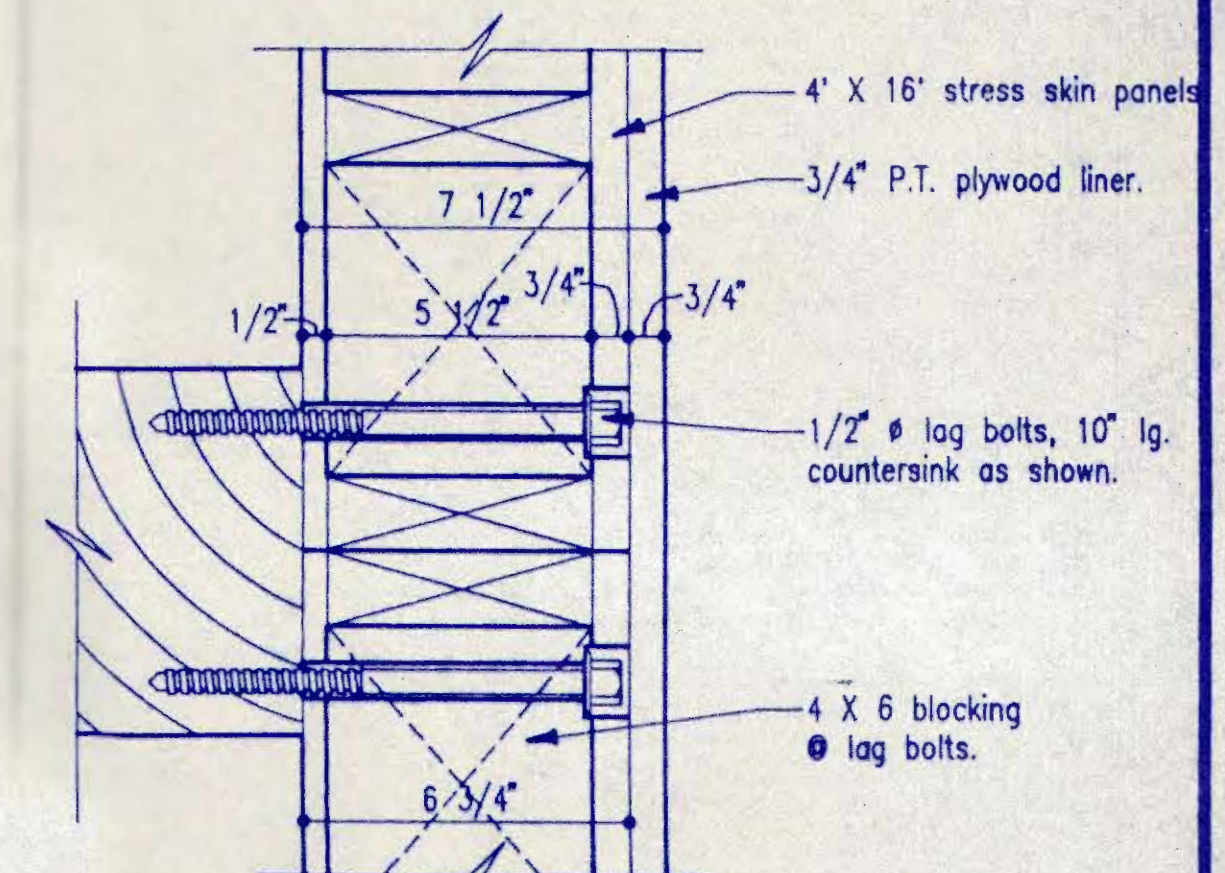
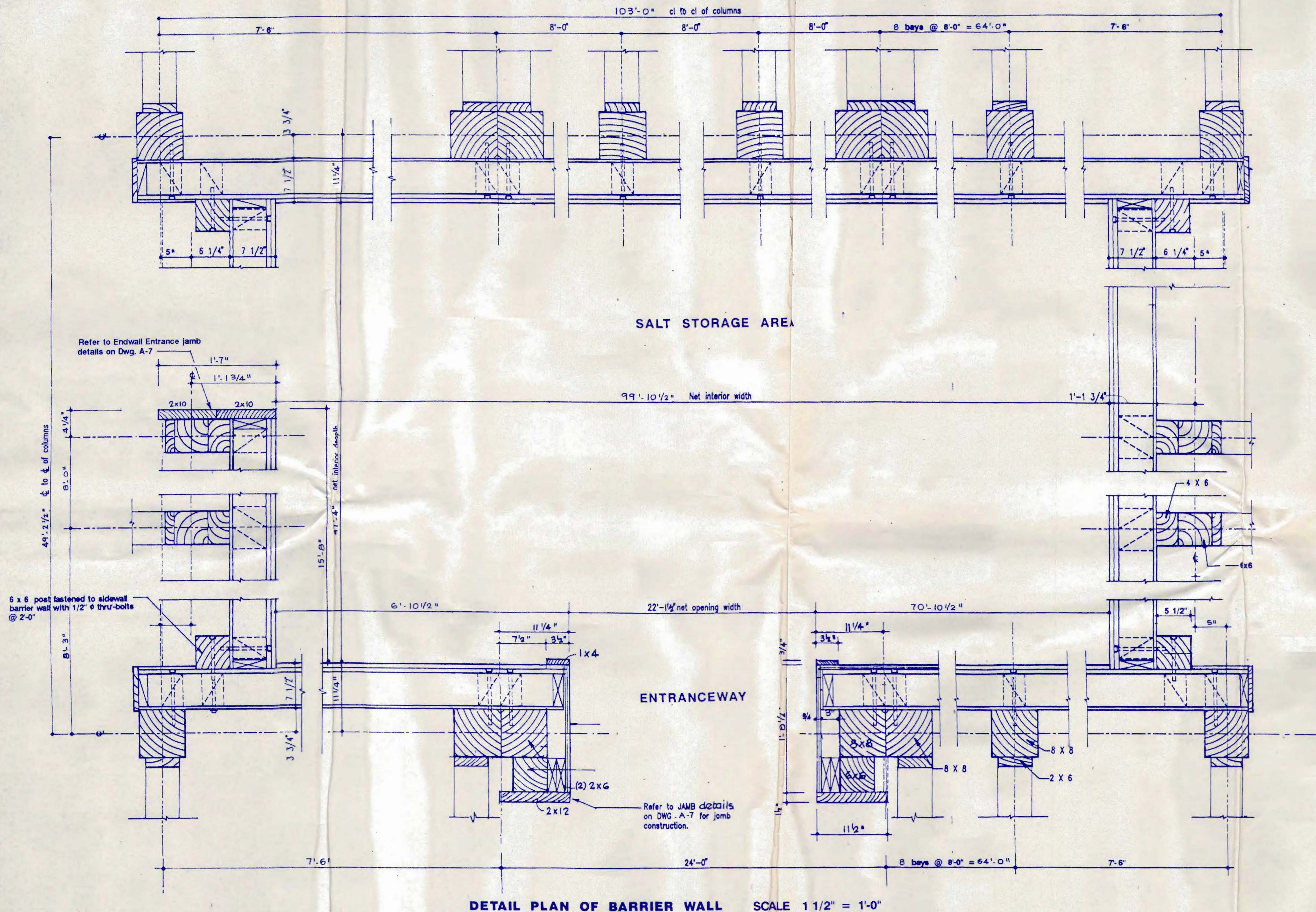
UNDERHILL CONSULTING ENGINEER, P.C.



HIGH-ARCH CAMPBELL
U.S. PATENT NO. 4,483,117
CANADIAN PATENT NO. 1,196,464
REVISIONS

DRAWN Mo
CHECKED MOA, UCE
SCALE as noted
ISSUED 7-26-99

JOB NO. 99-705
DWG. NO. A-1



- STRESS SKIN PANELS :**
4'-0" wide panels, consisting of :
- 2x6 pressure-treated panel perimeter studs.
 - 2x6 internal wood studs @ 8".
 - Outer Skin : 1/2" pressure-treated exterior structural plywood, grade APA, A-C, sanded.
 - Interior Skin : 3/4" pressure-treated CDX plywood.
 - Interior Liner : 3/4" pressure-treated CDX plywood.
 - 1x2 pressure-treated wood battens at exterior horizontal panel joints.
 - Nailing : as shown on drawings.
 - Adhesive : PL-500.
 - Refer to Specifications for lumber grades & types.
- NOTE : Both inner & outer skins are to be both nailed and glued to both interior & perimeter studs. Glue to be applied in continuous beads.

NEW 50' X 104' X 12' (EE, SE, EL.)
SALT STORAGE BUILDING
TOWN OF RIDGEFIELD, CONNECTICUT

BARRIER WALL DETAILS

ASTA
ADVANCED STORAGE TECHNOLOGY
• MINNEAPOLIS, MINN. •
• ELMA, NY •
• AMHERST, NY •
• RUTHERFORD, NJ •
• IRVINE, CA •

M. ORFI, Architect P.C.

4053 Maple Rd., Amherst, New York 14226
(716) 833-1337 FAX (716) 833-1375

UNDERHILL CONSULTING ENGINEER, P.C.



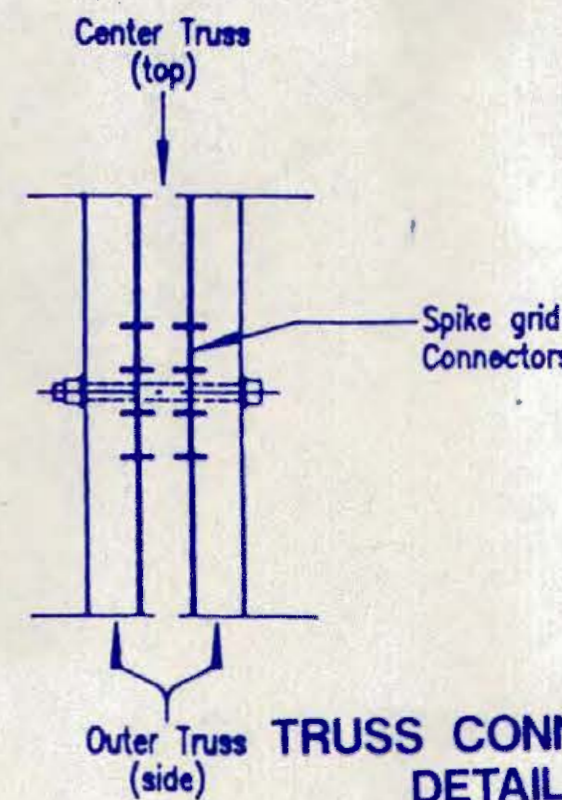
HIGH-ARCH BARRIER
U.S. PATENT NO.
4,483,117
CANADIAN PATENT NO.
1,196,464
REVISIONS

DRAWN MO
CHECKED MDA, UCE
SCALE as noted
ISSUED 7-26-99

JOB NO.
99-705
DWG. NO.
A-3

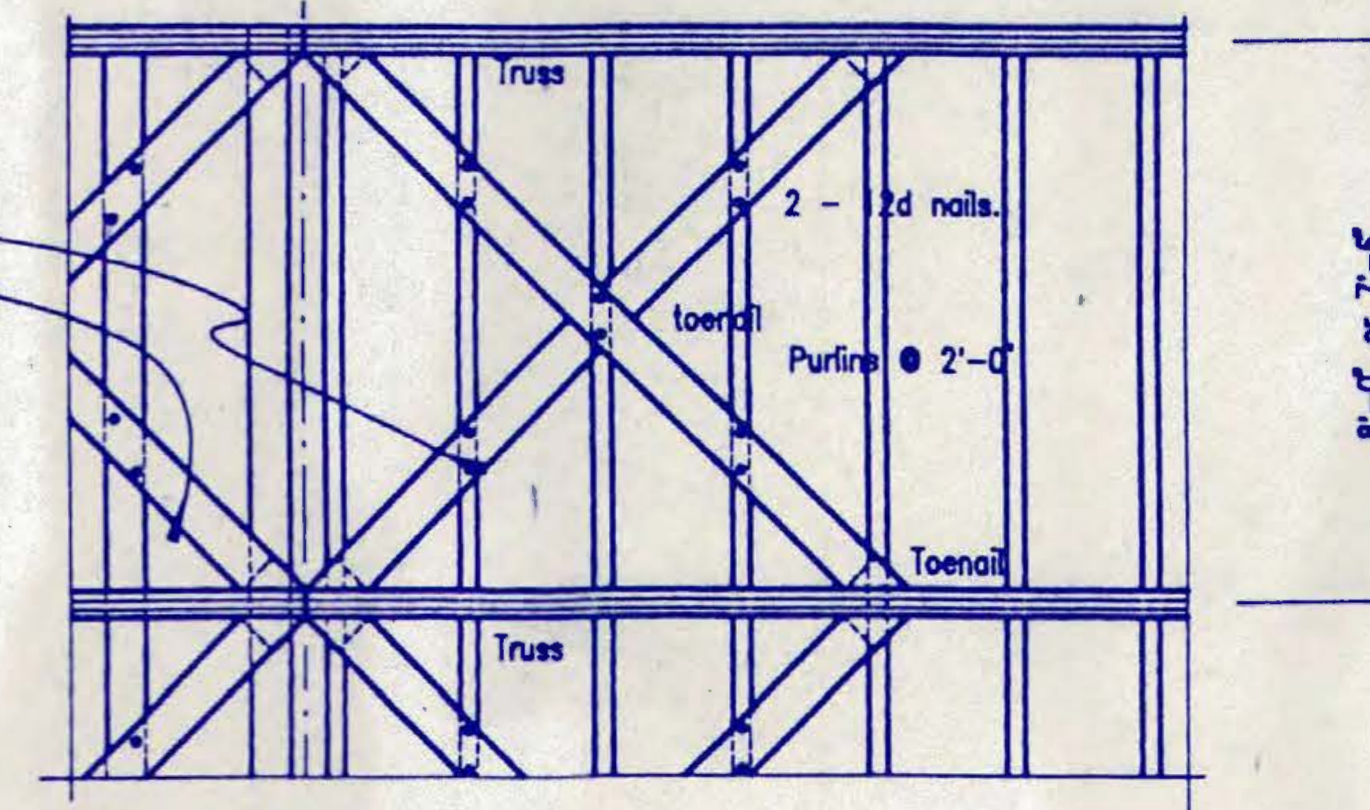
NOTES

- REFER TO TRUSS MANUFACTURER'S DESIGN DRAWINGS FOR SIZE AND LUMBER GRADES OF TRUSS MEMBERS, CONNECTOR PLATES, ETC.
- ALL FASTENERS AND PLATES TO BE HOT DIP GALVANIZED WITH EPOXY COATING. SEE SPECIFICATIONS.
- TRUSS FRAME ANALYSIS TO BE DONE USING "PIN-ROLLER CONNECTIONS".



TRUSS CONNECTOR DETAIL
SCALE 2" = 1'-0"

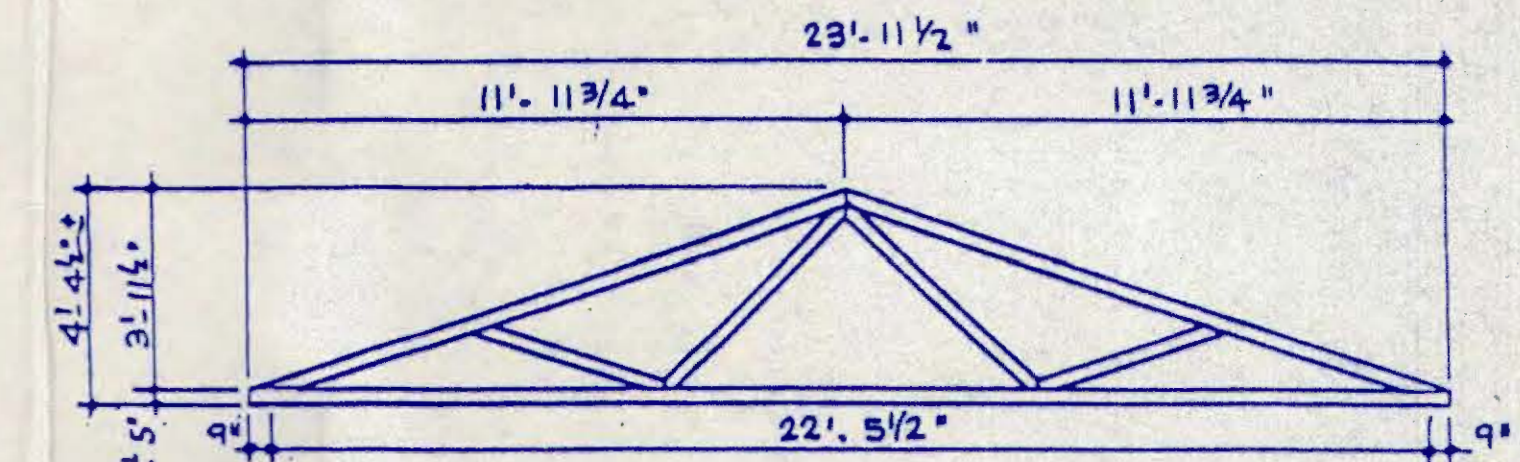
2 X 8's nailed between trusses to underside of roof purlins.



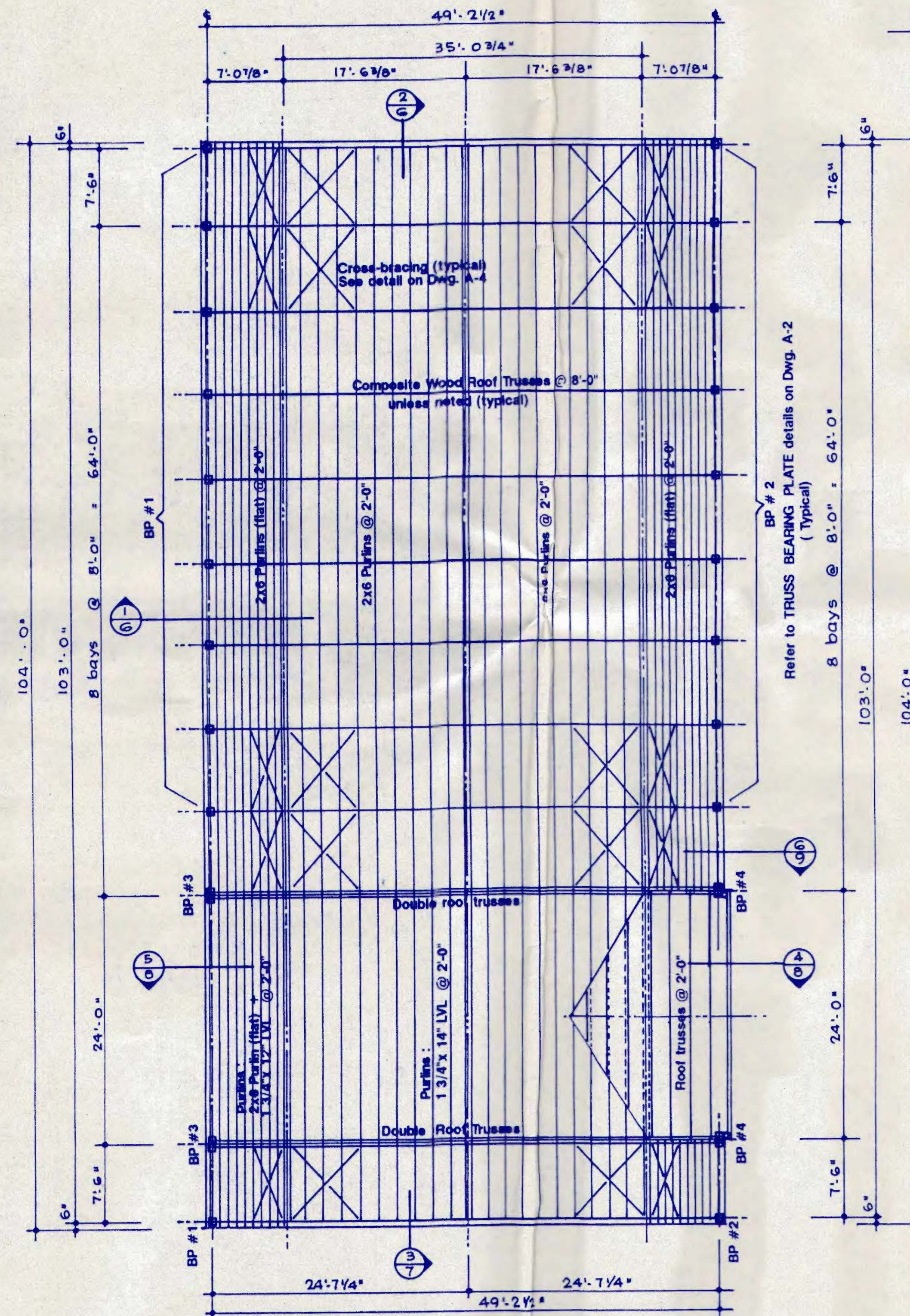
BRACING DETAIL
SCALE 3/8" = 1'-0"

DESIGN PARAMETERS

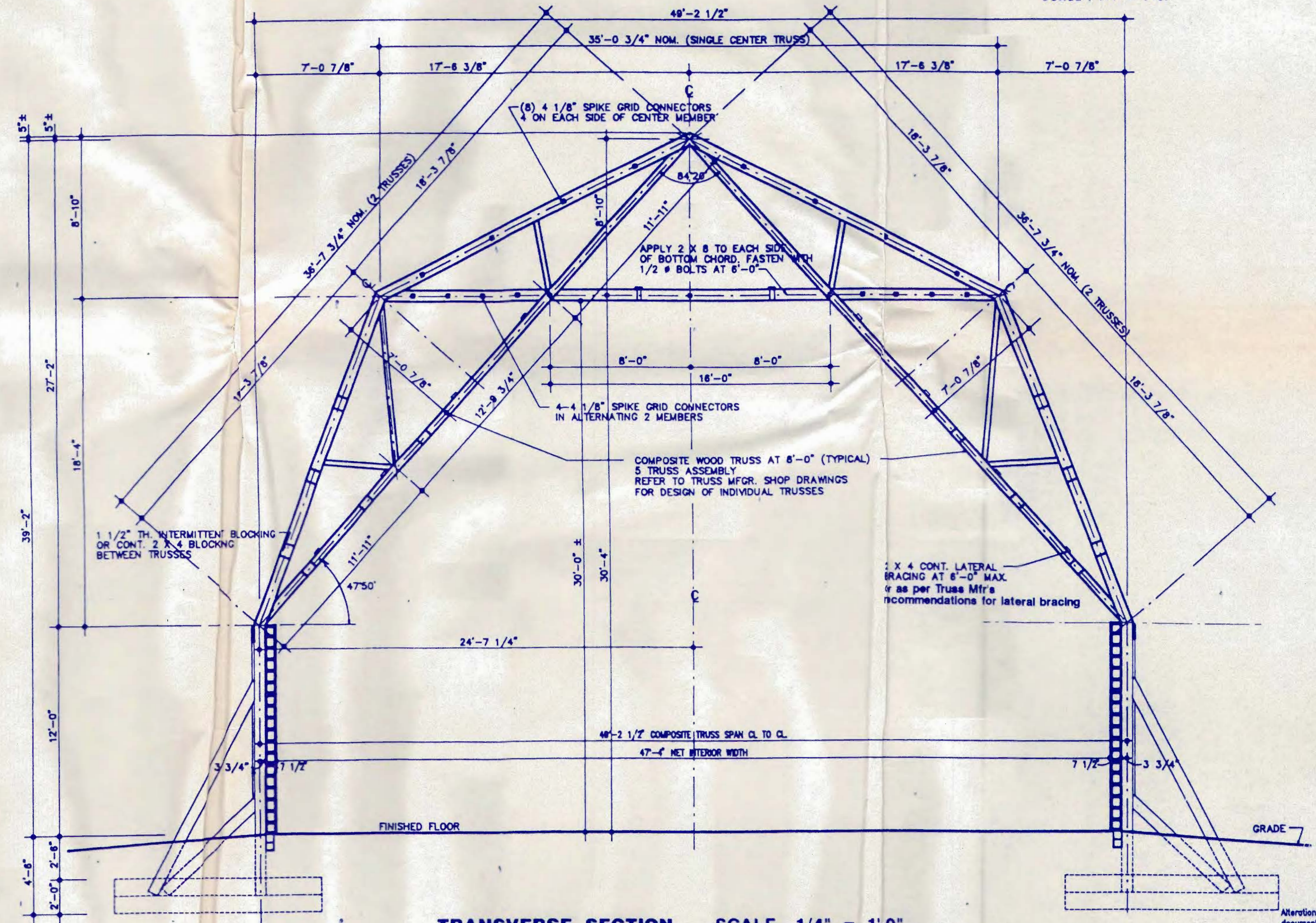
DEAD LOAD	: 8 PSF
LIVE LOAD	: 30 PSF
TOTAL LOAD	: 38 PSF
WIND LOAD	: 20 PSF
SOIL BEARING PRESSURE	: 7,000 PSF



TRUSS @ ENTRANCE
SCALE 1/4" = 1'-0"



ROOF FRAMING PLAN SCALE 1/8" = 1'-0"



TRANSVERSE SECTION SCALE 1/4" = 1'-0"

NEW 50' X 104' X 12' (EE, SE, EL.)
SALT STORAGE BUILDING
TOWN OF RIDGEFIELD, CONNECTICUT

ROOF FRAMING PLAN
ROOF FRAMING DETAILS

AST
ADVANCED STORAGE TECHNOLOGY
• MINNEAPOLIS, MN
• ELMSHIRE, NY
• AMHERST, NY
• RUTHERFORD, NJ
• RYNE, CA

M. ORFI, Architect P.C.

4053 Maple Rd., Amherst, New York 14226
(716) 833-1337 FAX (716) 833-1375

UNDERHILL CONSULTING ENGINEER, P.C.

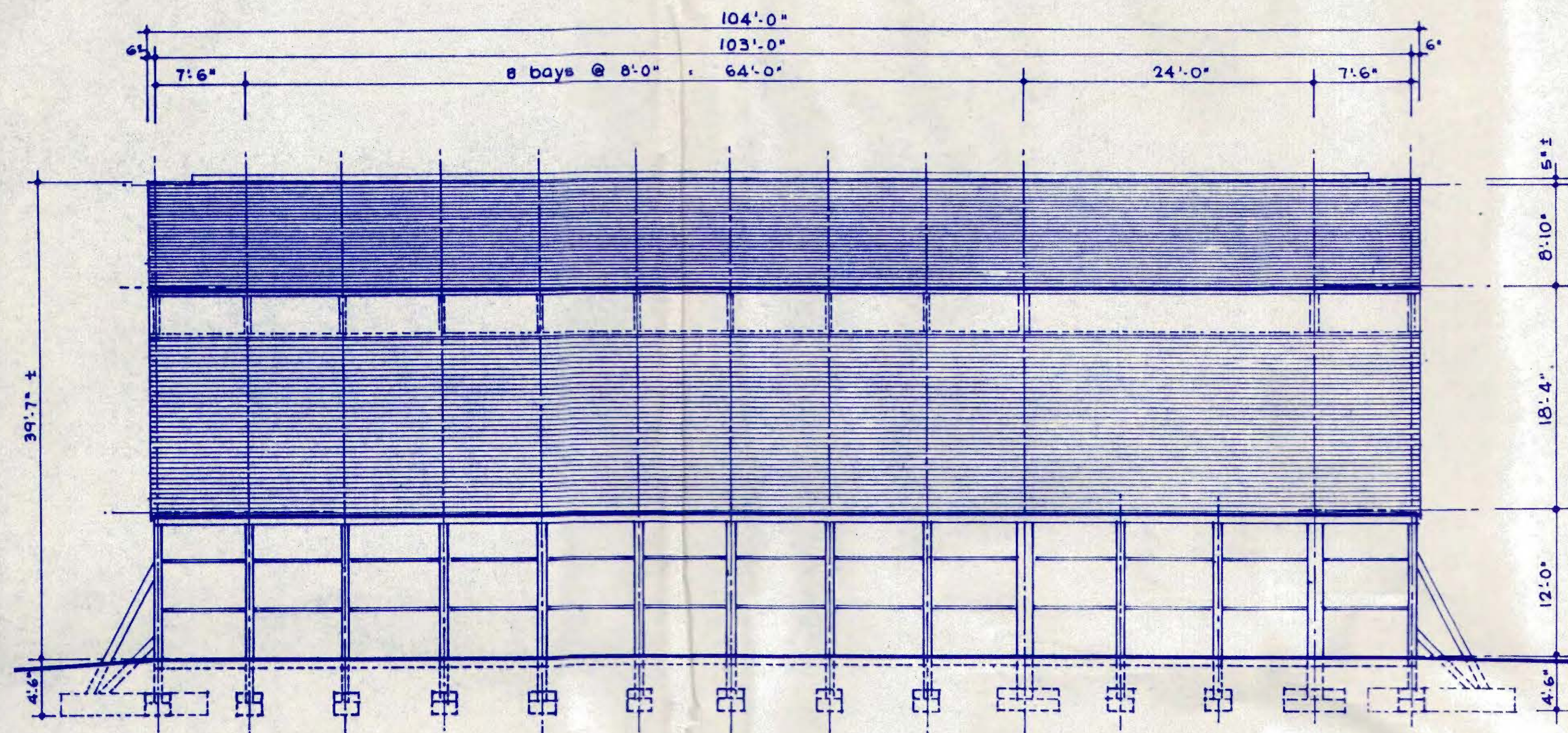


HIGH-ARCH GAMBREL
U.S. PATENT NO. 4,483,117
CANADIAN PATENT NO. 1,196,464

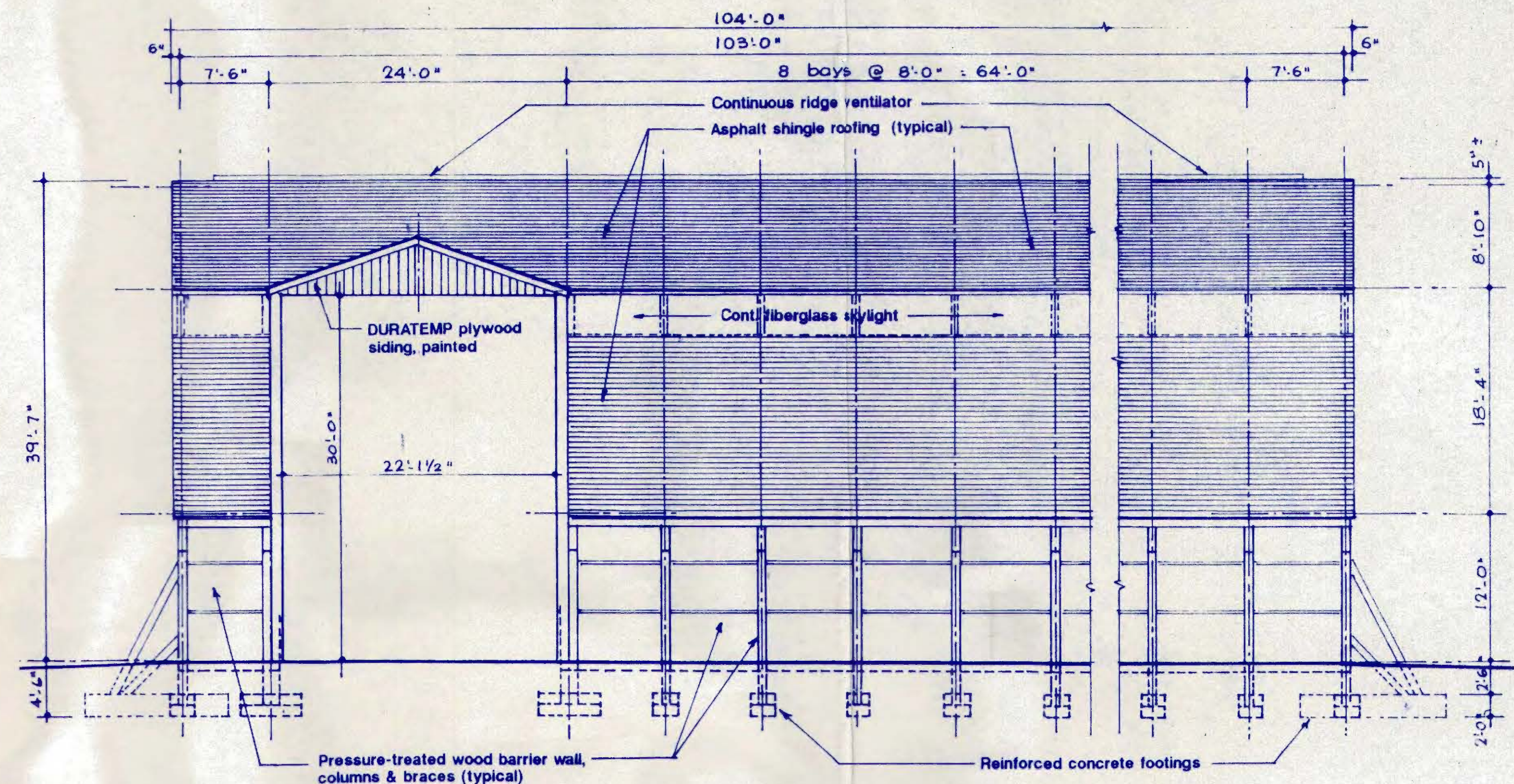
DRAWN MJO
CHECKED MOA, UCE
SCALE AS NOTED
ISSUED 7-26-99

JOB NO.
99-705
DWG. NO.
A-4

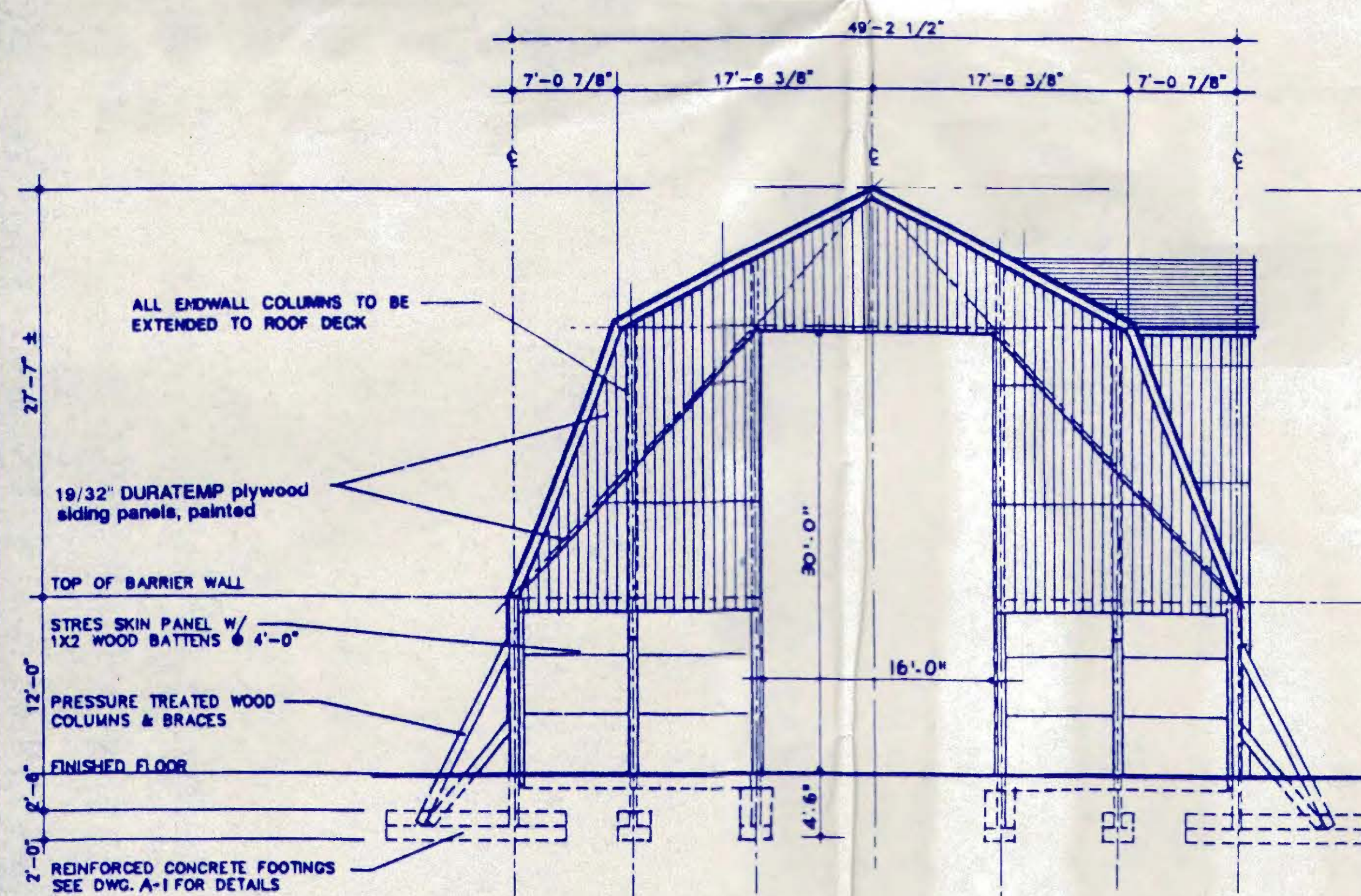
Alteration, addition, or use of this document without prior authorization by the Architect, is a violation of section 7209, subdivision 2 of the New York State Education Law.



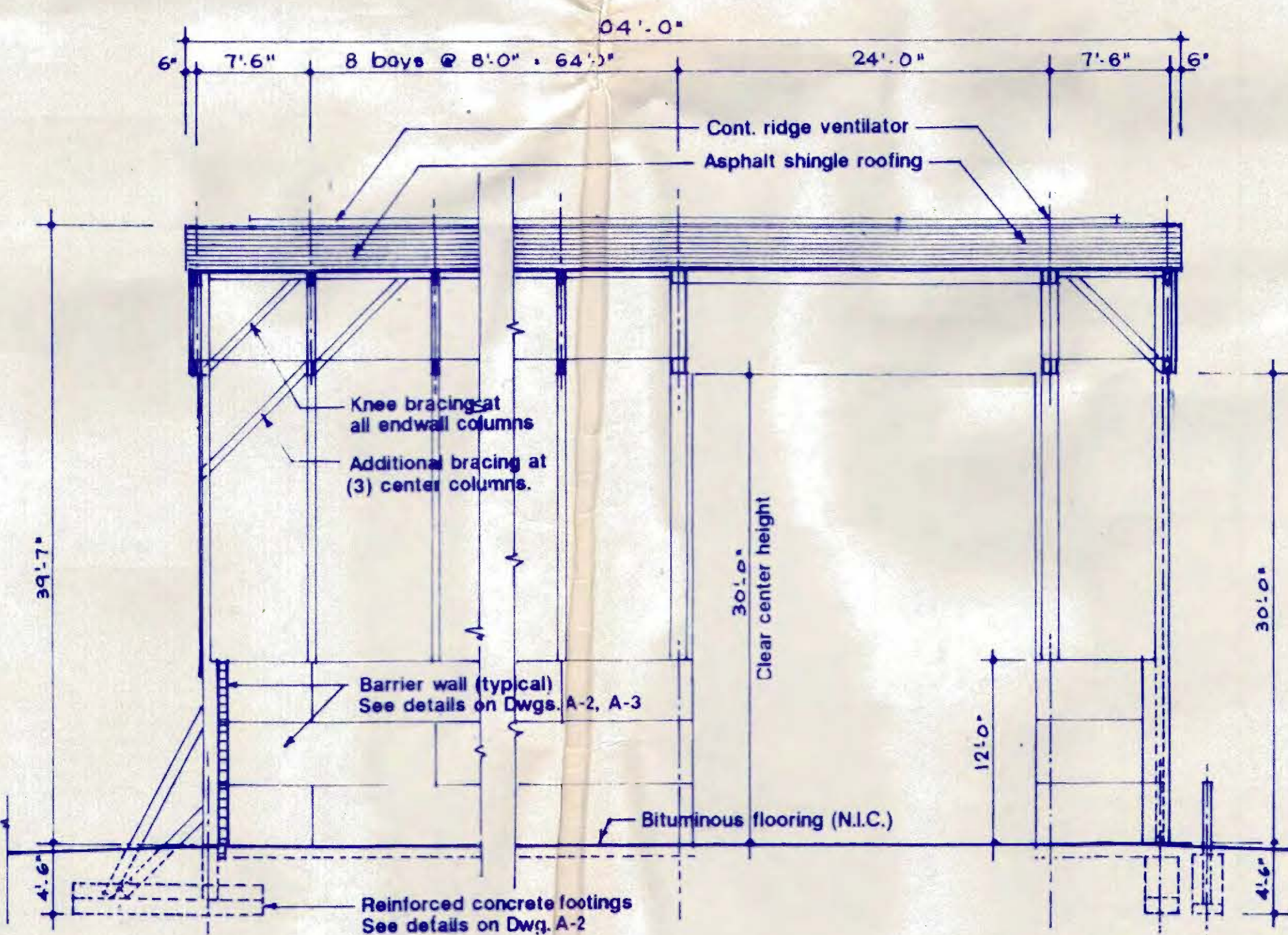
SIDE ELEVATION (LEFT SIDE) SCALE 1/8" = 1'-0"



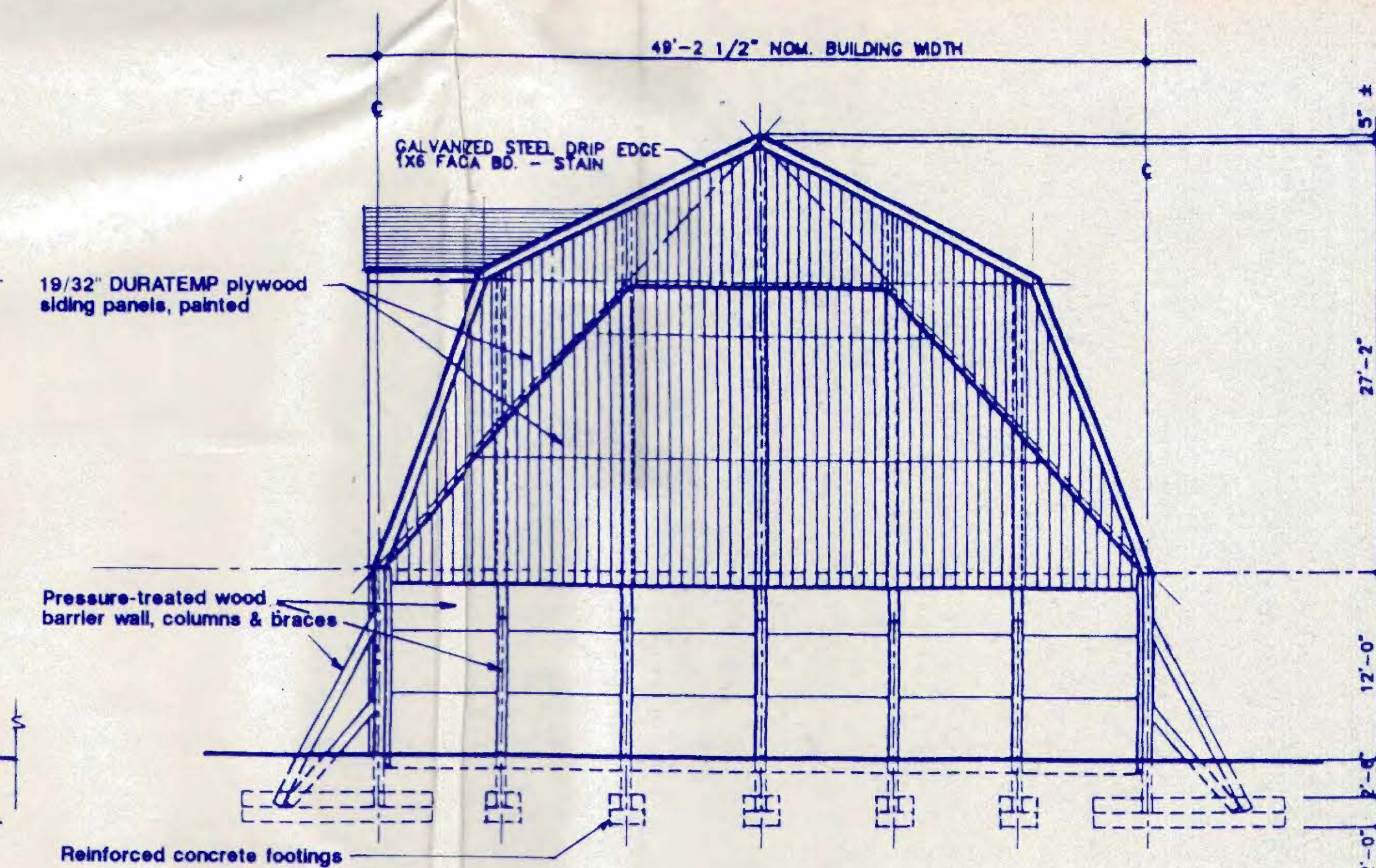
SIDE ELEVATION (RIGHT SIDE) SCALE 1/8" = 1'-0"



FRONT ELEVATION SCALE 1/8" = 1'-0"



LONGITUDINAL BUILDING SECTION SCALE 1/8" = 1'-0"



REAR ELEVATION SCALE 1/8" = 1'-0"

NEW 50' X 104' X 12' (EE, SE, EL.)
SALT STORAGE BUILDING
TOWN OF RIDGEFIELD, CONNECTICUT

BUILDING ELEVATIONS
AND SECTION.

AST
ADVANCED STORAGE TECHNOLOGY
• MINNEAPOLIS, MINN. •
• ELMHURST, ILL. •
• AMHERST, N.Y. •
• RUTHERFORD, N.J. •
• IRVINE, CA •

M. ORFI, Architect P.C.

4053 Maple Rd., Amherst, New York 14226
(716) 833-1337 FAX (716) 833-1375

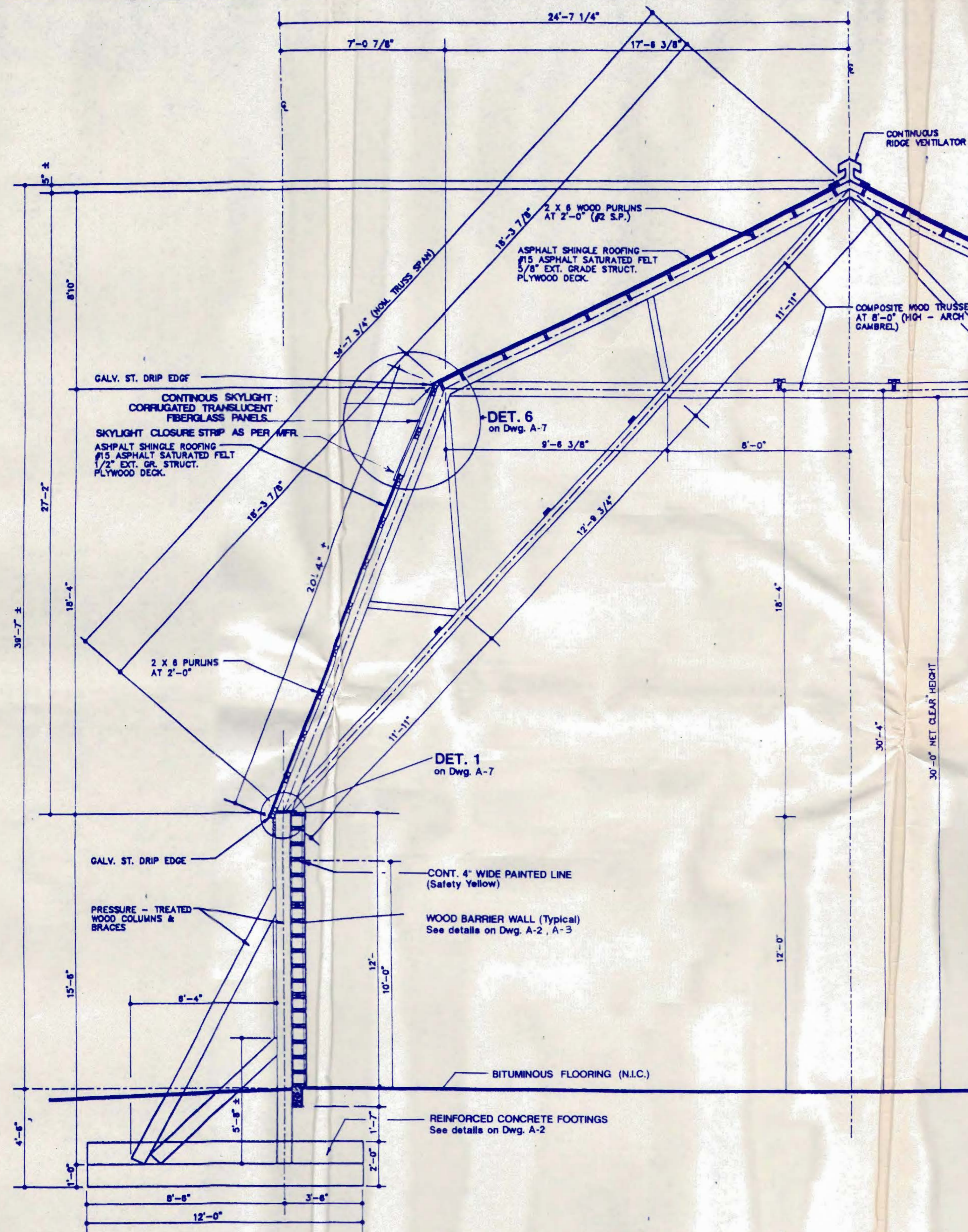
UNDERHILL CONSULTING ENGINEER, P.C.



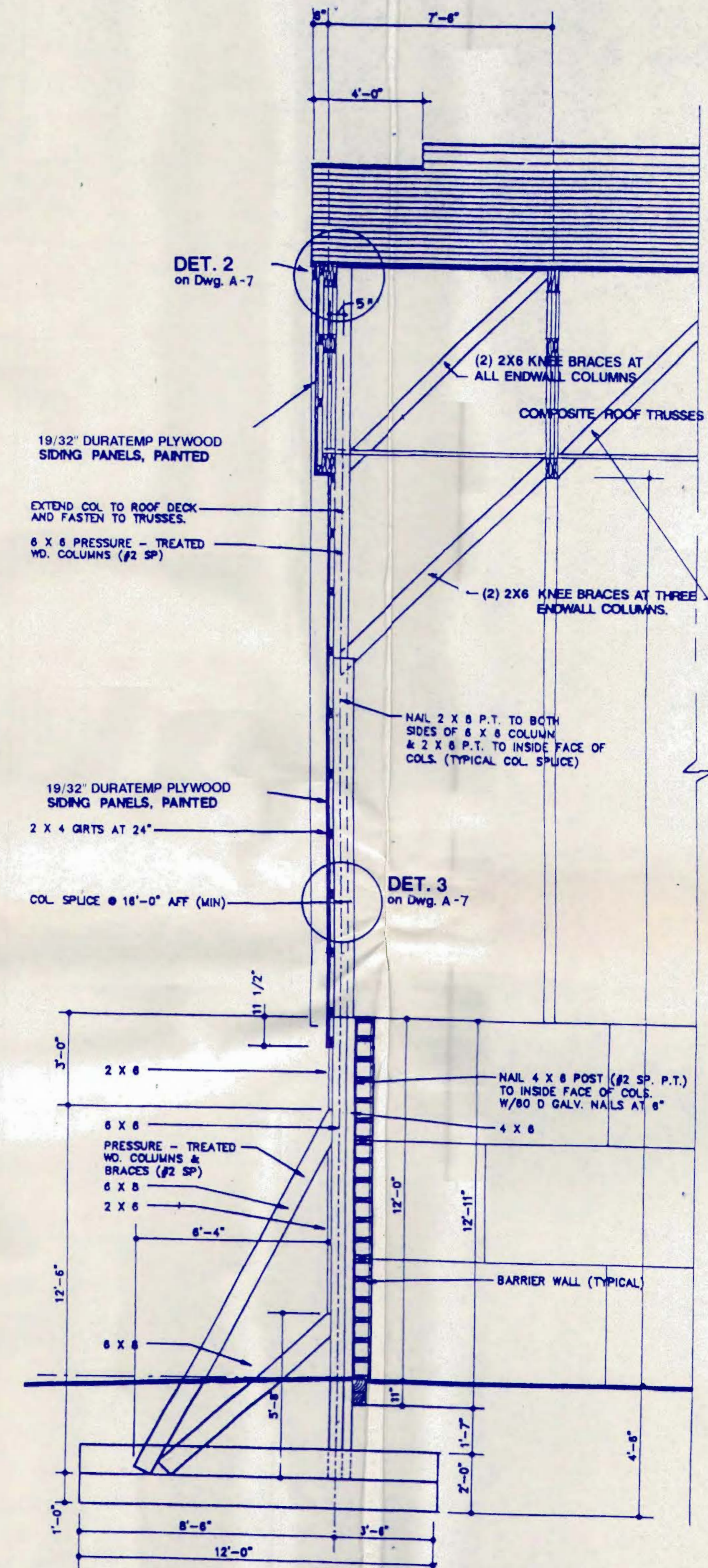
HIGH-ARCH GAMMEL
U.S. PATENT NO.
4,483,117
CANADIAN PATENT NO.
1,196,464

DRAWN MO
CHECKED MOA, UCE
SCALE 1/8" = 1'-0"
ISSUED 7-26-99

JOB NO.
99-705
DWG. NO.
A-5



SECTION (1) THRU SIDEWALL SCALE 3/8" = 1'-0"



SECTION (2) THRU ENDWALL SCALE 3/8" = 1'-0"

NEW 50' X 104' X 12' (EE, SE, EL.)
SALT STORAGE BUILDING
 TOWN OF RIDGEFIELD, CONNECTICUT

TYPICAL WALL SECTIONS

AST
 ADVANCED STORAGE TECHNOLOGY
 • MINNEAPOLIS, MINN.
 • ELMIRA, NY
 • AMHERST, NY
 • RUTHERFORD, NJ
 • IRVINE, CA

M. ORFI, Architect P.C.

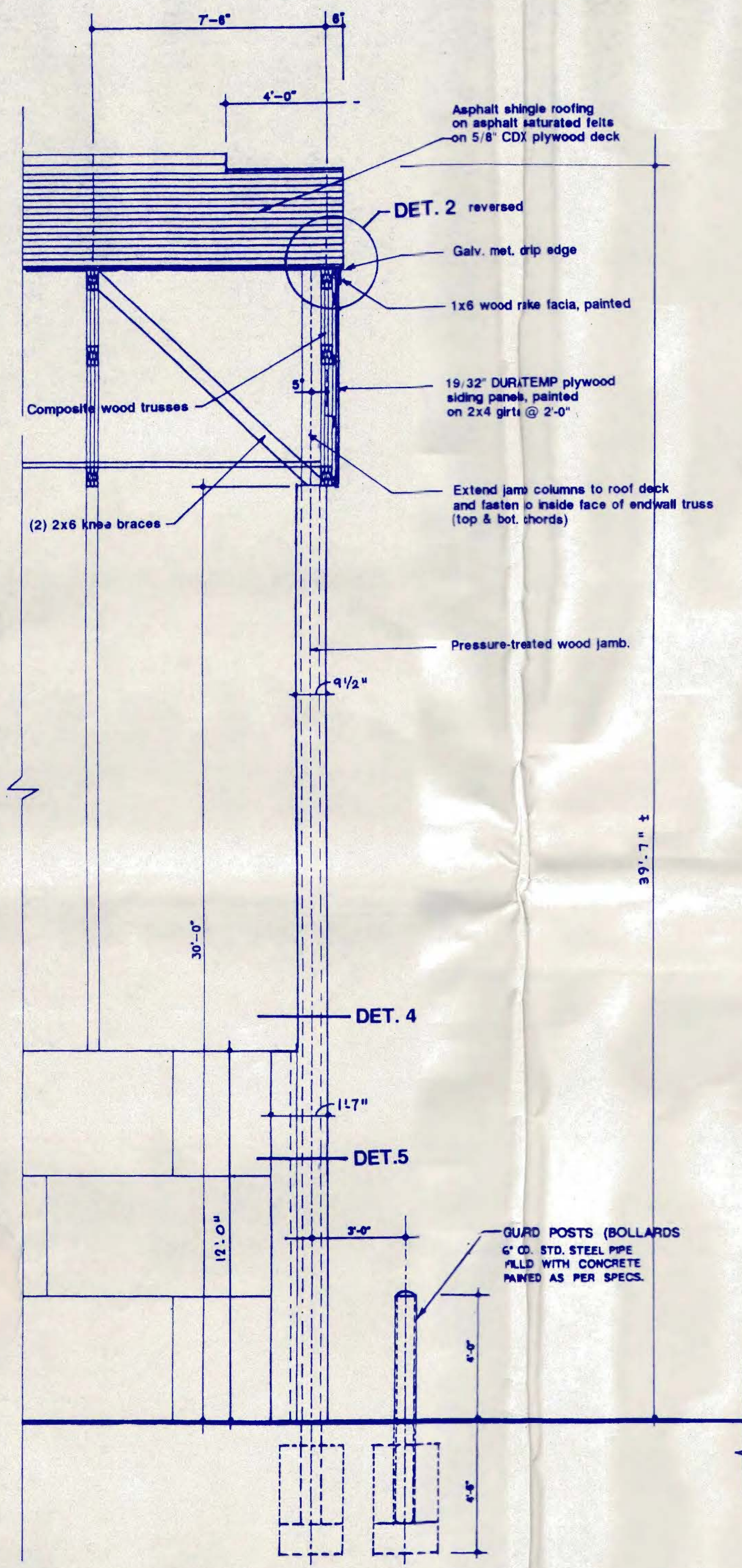
4053 Maple Rd., Amherst, New York 14226
 (716) 833-1337 FAX (716) 833-1375

UNDERHILL CONSULTING ENGINEER, P.C.



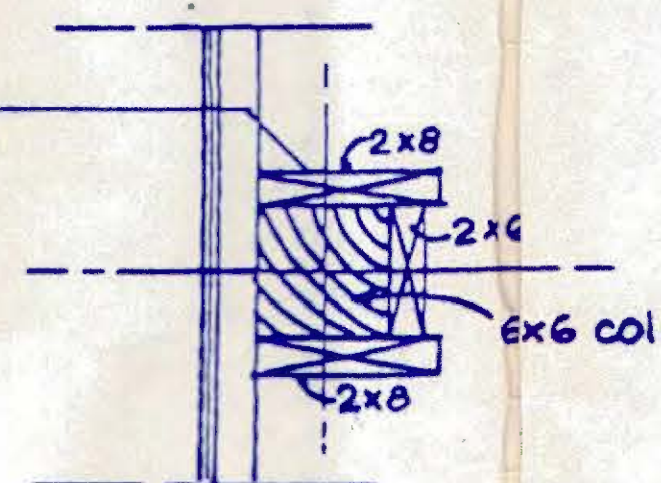
HIGH-ARCH GAMBREL
 U.S. PATENT NO.
 4,483,117
 CANADIAN PATENT NO.
 1,196,464
 REVISIONS

DRAWN	MO	JOB NO.	99-705
CHECKED	MOA, UCE	DWG. NO.	A-6
SCALE	3/8" = 1'-0"		
ISSUED	7-26-99		



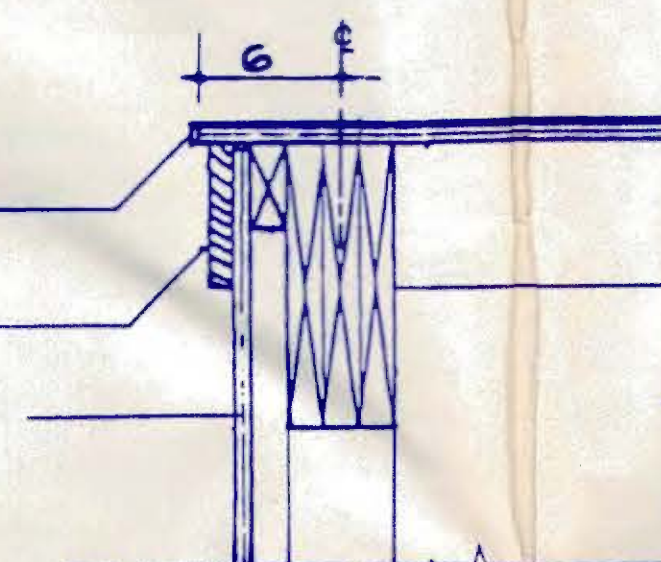
SECTION (3) THRU ENTRANCEWAY
SCALE 3/8" = 1'-0"

Nail 2x8 to both sides of 6x6 columns & 2x6 to inside face of endwall columns as shown.



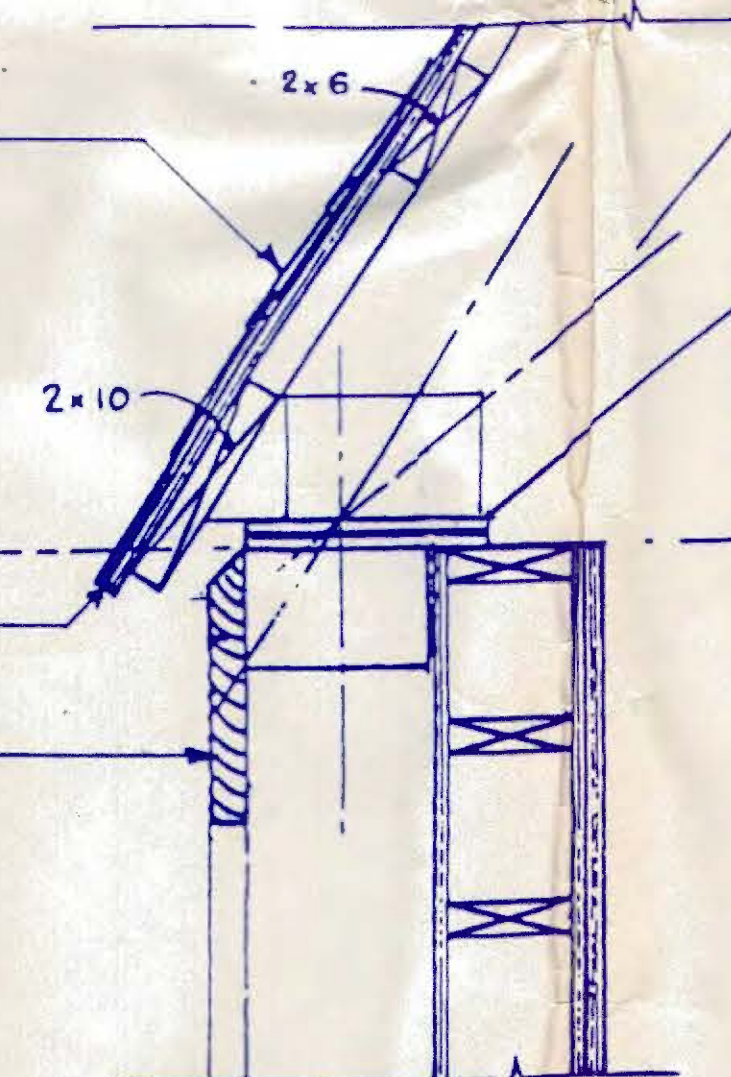
DET. 3
SPLICE DETAIL

Galv. metal drip edge
1x6 Wood fascia board, painted
19/32\"/>



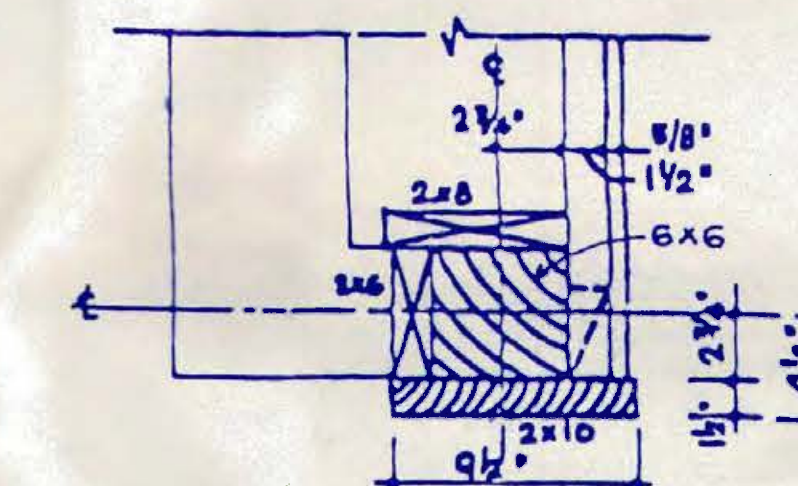
DET. 2
RAKE DETAIL

Asphalt shingle roofing on 15# asphalt saturated felts on 5/8\"/>

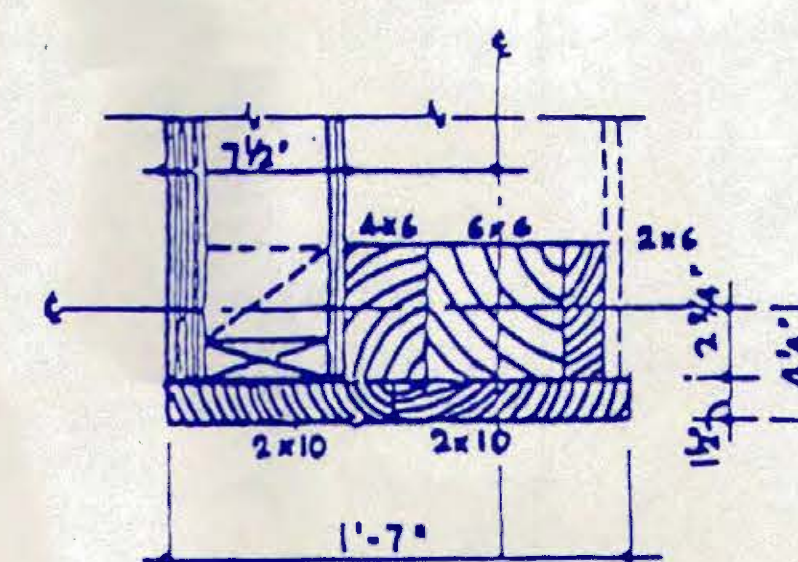


DET. 1
EAVE DETAIL

Galv. metal drip edge
2x12 pressure-treated board

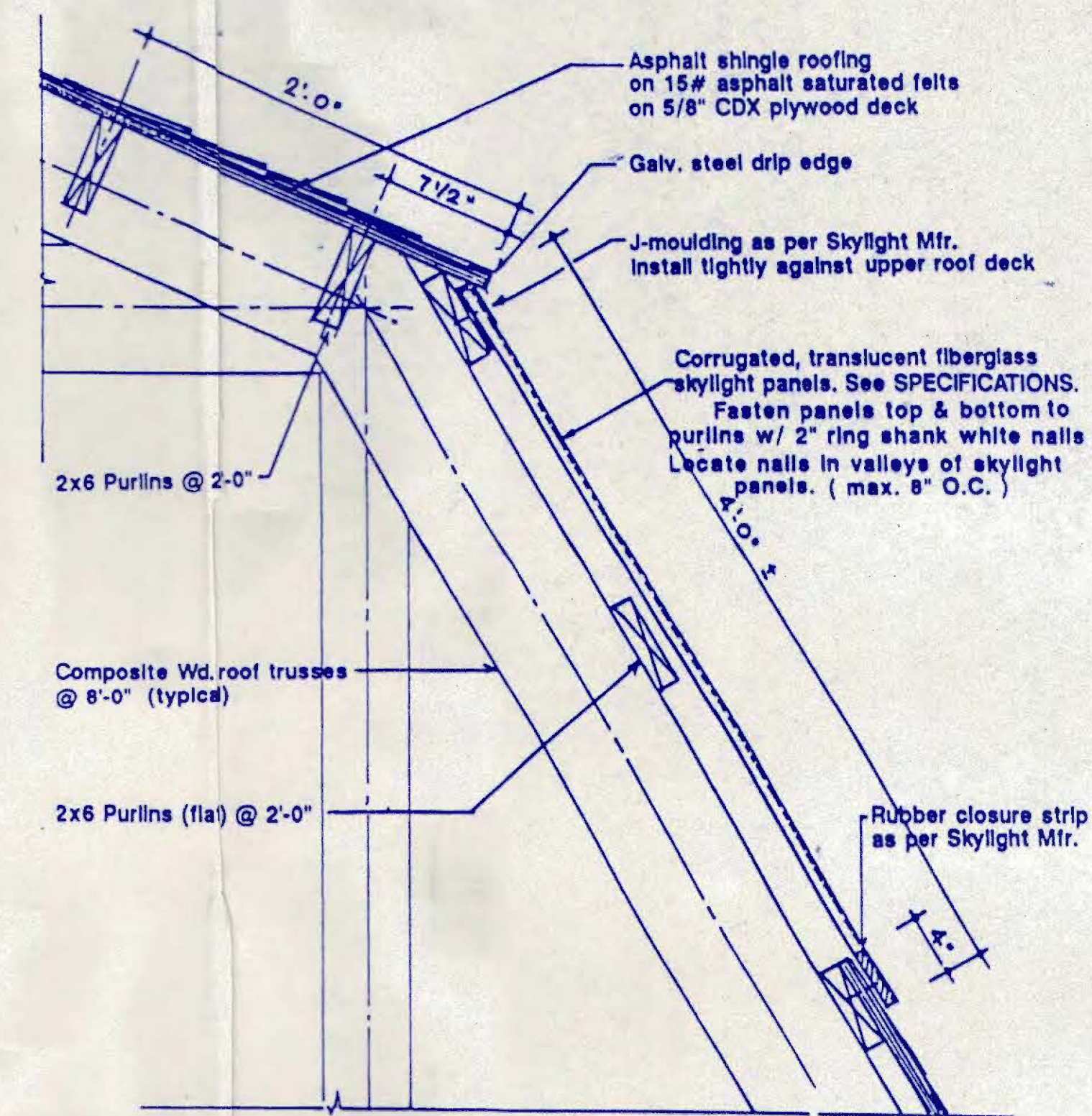


DETAIL # 4



DETAIL # 5

DET. 4 & DET. 5
ENTRANCEWAY JAMB DETAILS
IN MAIN BUILDING ENDWALL



DET. 6

SKYLIGHT INSTALLATION DETAIL
IN MAIN BUILDING ROOF

D E T A I L S

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

NEW 50' X 104' X 12' (EE, SE, EL.)
SALT STORAGE BUILDING
TOWN OF RIDGEFIELD, CONNECTICUT

WALL SECTIONS & DETAILS

ASTA
ADVANCED STORAGE TECHNOLOGY
• MINNEAPOLIS, MINN. •
• CLINTON, NY •
• AMHERST, NY •
• RUTHERFORD, NJ •
• IRVINE, CA •

M. ORFI, Architect P.C.

4053 Maple Rd., Amherst, New York 14226
(716) 833-1337 FAX (716) 833-1376

UNDERHILL CONSULTING ENGINEER, P.C.

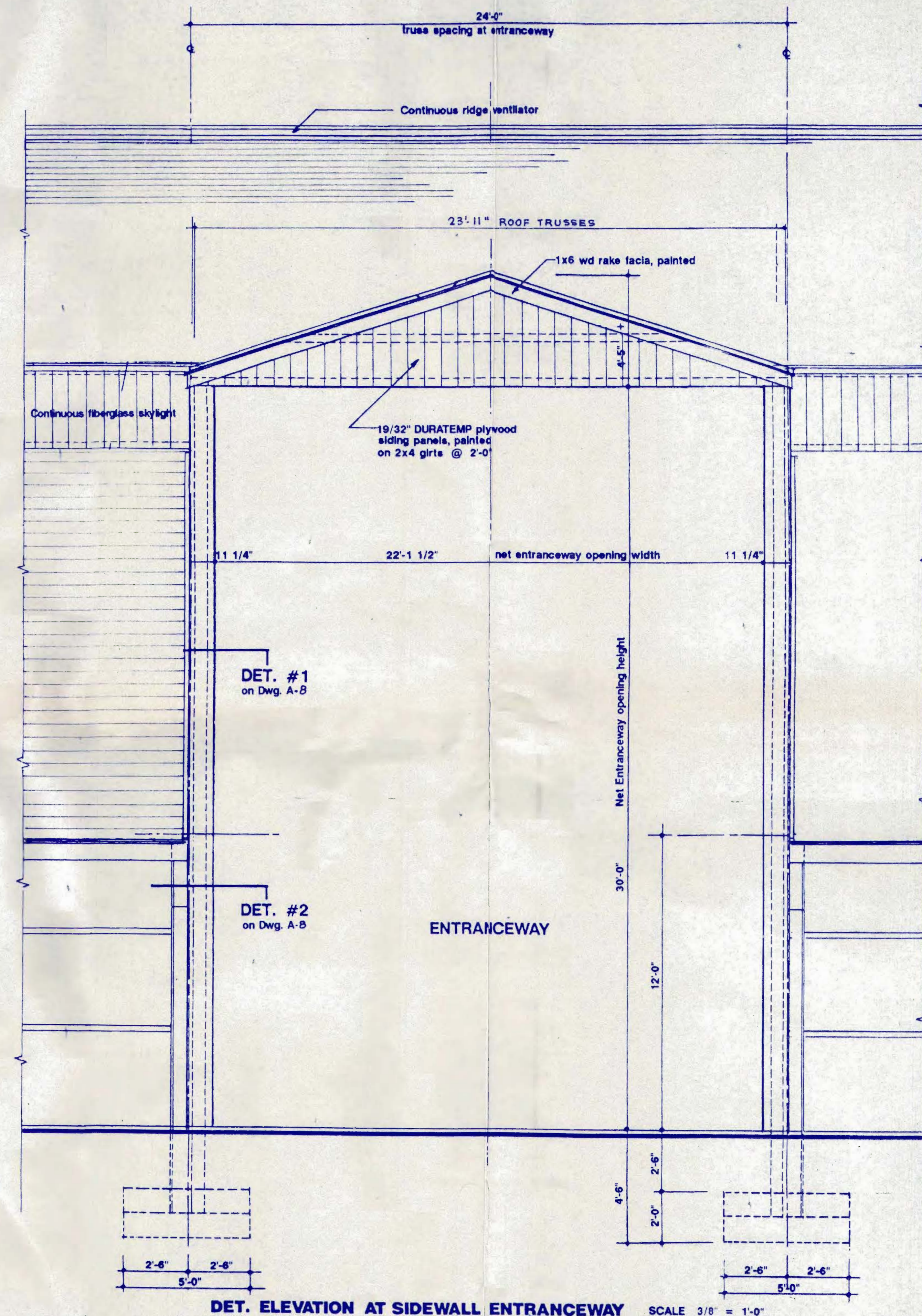
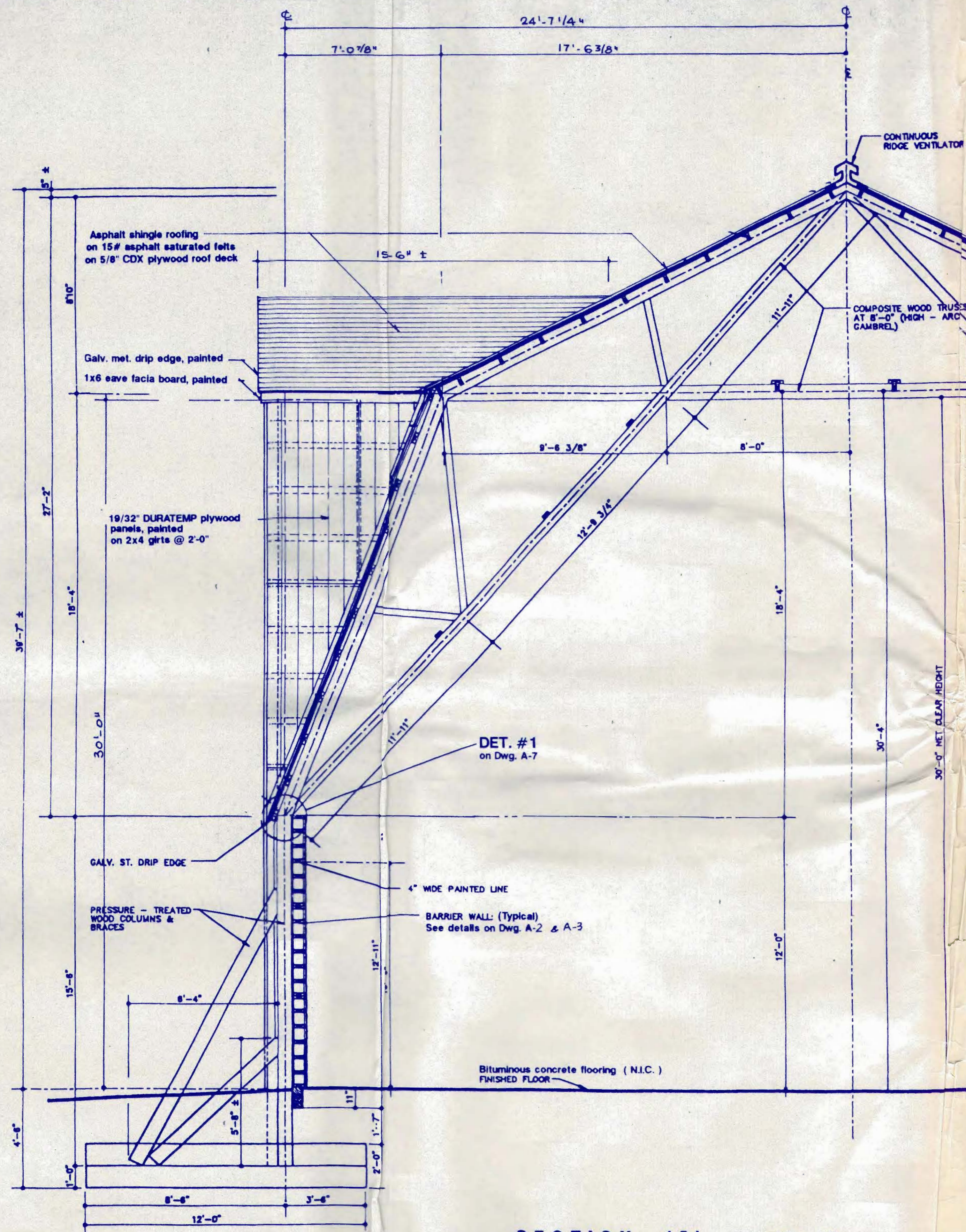


HIGH-ARCH GAMMEL
U.S. PATENT NO.
4,483,117
CANADIAN PATENT NO.
1,196,464

REVISIONS

DRAWN MO
CHECKED MOA, UGE
SCALE as noted
ISSUED 7-26-99

JOB NO.
99-705
DWG. NO.
A-7



NEW 50' X 104' X 12' (EE, S₂, EL.)
SALT STORAGE BUILDING
 TOWN OF RIDGEFIELD, CONNECTICUT

SIDEWALL ENTRANCE : WALL SECTION & DETAILS



M. ORFI, Architect P.C.

4053 Maple Rd., Amherst, New York 14226
(716) 833-1337 FAX (716) 833-1375

UNDERHILL CONSULTING ENGINEER, P.C.



HIGH-ARCH GAMBITEL
U.S. PATENT NO.
4,483,117
CANADIAN PATENT NO.
1,196,464
REVISIONS

DRAWN	MO
CHECKED	MOA, UCE
SCALE	as noted
ISSUED	7-26-99

JOB NO.
99-705

DWG. NO.
A-9