

CITY OF PORTLAND
 APPROVED SITE PLAN
 SUBJECT TO DEPARTMENTAL
 CONDITIONS
 DATE OF APPROVAL 5/17/01

- LEGEND
- PROPERTY LINE
 - CHAIN LINK FENCE - 6'-0" HIGH
 - - - - - STORM DRAIN
 - - - - - EXPOSED ELECTRIC
 - - - - - SEWER
 - - - - - R.R. TRACKS
 - - - - - WATER LINE
 - - - - - EXISTING CONTOURS
 - - - - - EXPOSED TELEPHONE
 - A = ALL DISTANCE OF CURVE
 - R = RADIUS OF CURVE

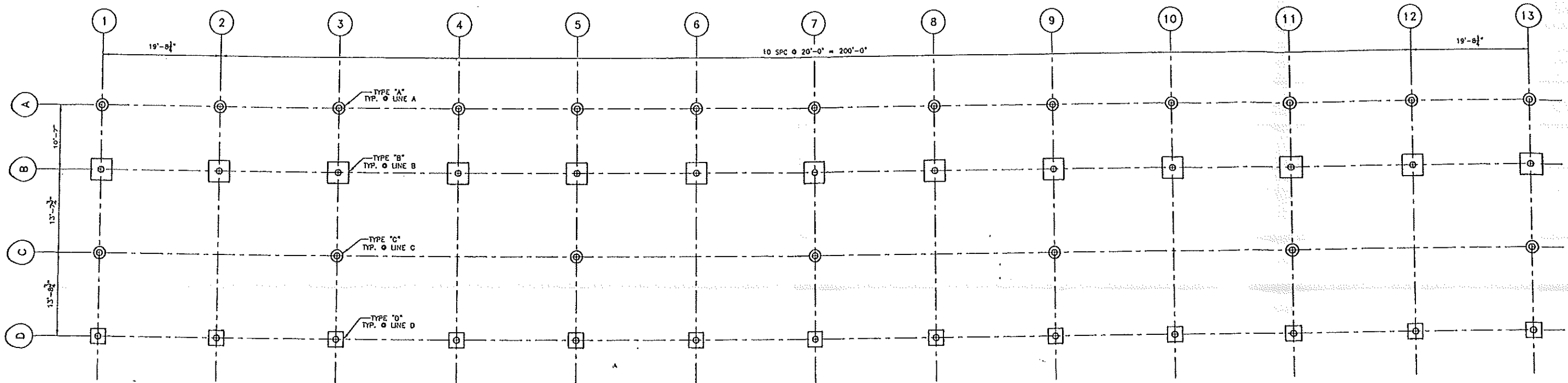
NOTE: METES AND BOUNDS TAKEN FROM SURVEY BY E.C. JORDAN PLAN #718 DATED 2-10-78 AND BOOK 4562 PAGE 66.

WELLS ENGINEERING, INC.
 CIVIL ENGINEERING
 482 CONGRESS STREET, PORTLAND, MAINE 774-0056

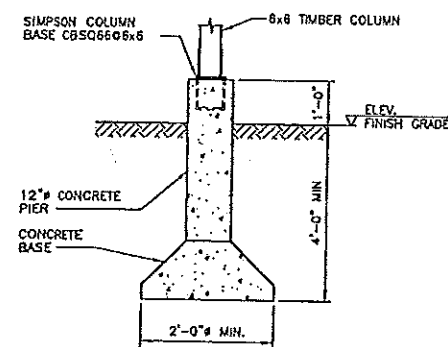
TOPOGRAPHIC PLAN
 FOR RICHARDSON, DANA, & CO.
 165 PRESUMPCOT ST, PORTLAND, ME.

SCALE: 1" = 40'
 DATE: 7-17-84
 PLAN 1 OF 1

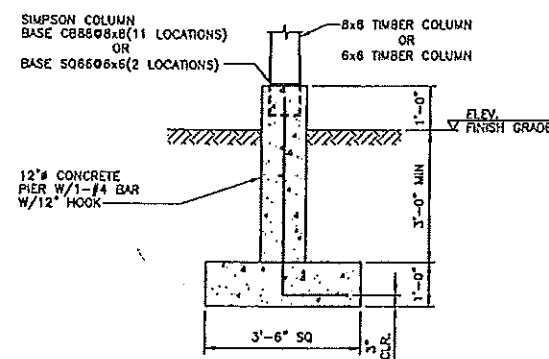




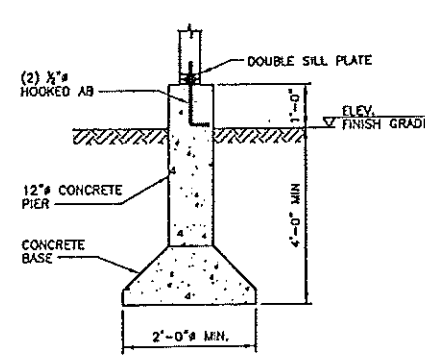
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



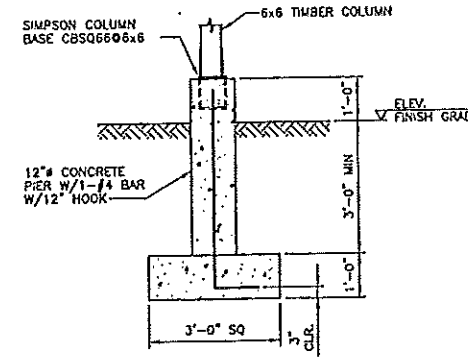
FOUNDATION DETAIL TYPE "A"
SCALE: 1/2" = 1'-0"
(13 LOCATIONS)



FOUNDATION DETAIL TYPE "B"
SCALE: 1/2" = 1'-0"
(13 LOCATIONS)



FOUNDATION DETAIL TYPE "C"
SCALE: 1/2" = 1'-0"
(7 LOCATIONS)



FOUNDATION DETAIL TYPE "D"
SCALE: 1/2" = 1'-0"
(13 LOCATIONS)

STRUCTURAL DESIGN CRITERIA NOTES

- THE DESIGN CODES AND CRITERIA ARE AS FOLLOWS:
BUILDING CODE: BOCA, 1999
- ROOF LIVE LOADS SHALL BE AS FOLLOWS:
GROUND SNOW LOAD: 60 PSF
MINIMUM ROOF DESIGN SNOW LOAD: 42 PSF
60 PSF UNBALANCED SNOW
- WIND LOAD CRITERIA SHALL BE AS FOLLOWS:
BASIC WIND SPEED: 90 MPH
EXPOSURE CATEGORY: B
IMPORTANCE FACTOR: 1.0

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO THE START OF WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF SUPPORTING AT THE COMPLETION OF CONSTRUCTION. TEMPORARY BRACES, GUYS, TIE-DOWNS, SHORING, ETC. DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION PROCEDURES, SEQUENCING AND FOR COMPLYING WITH ALL APPLICABLE SAFETY REGULATIONS DURING THE WORK.

FOUNDATION NOTES

- DESIGN OF FOUNDATIONS IS BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 4000 POUNDS PER SQUARE FOOT.
- ALL DELETERIOUS MATERIALS FOUND WITHIN THE LIMITS OF THE STRUCTURE SHALL BE REMOVED AND REPLACED WITH COMPACTED SELECT FILL.
- NO FOUNDATIONS SHALL BE PLACED ON FROZEN GROUND OR IN WATER.

CONCRETE NOTES

- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITIONS OF ACI 318 AND ACI 301.
- ALL 3000 PSI CONCRETE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
A. MINIMUM COMPRESSIVE STRENGTH: 3000 PSI @ 28 DAYS
B. CEMENT: ASTM C150 TYPE II
C. AGGREGATE: ASTM C33 OR C330
D. MAXIMUM AGGREGATE SIZE: 3/4 INCH
E. MAXIMUM WATER-CEMENT RATIO: 0.50
F. SLUMP: 2 TO 4 INCHES
G. AIR ENTRAINMENT: ASTM C260, 4 TO 6 PERCENT
- REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS. REINFORCING BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60, DEFORMED BARS.

TIMBER NOTES

- ALL FRAMING LUMBER (2x4, 2x6, 2x8) SHALL BE No. 2 SPF OR BETTER.
- ALL POSTS (6x6, 8x8) SHALL BE No. 1 OR No. 2 SOUTHERN YELLOW PINE.
- WOOD ROOF TRUSSES SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN THE STATE OF MAINE. WOOD TRUSSES SHALL BE HANDED, BRACED AND INSTALLED PER TRUSS PLATE INSTITUTE SUMMARY SHEET H9-91, COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES. BOTTOM CHORD AND WEB BRACING MAY REMAIN IN PLACE AFTER ROOF SHEATHING IS INSTALLED. ROOF TRUSSES SHALL BE DESIGNED FOR AN UNBALANCED SNOW LOAD OF 0 PSF ON THE WINDWARD SIDE AND 80 PSF ON THE LEeward SIDE. ROOF TRUSSES SHALL BE DESIGNED FOR 90 MPH WINDS, OPEN STRUCTURE.

CITY OF PORTLAND
APPROVED SITE PLAN
SUBJECT TO DEPARTMENTAL
CONDITIONS

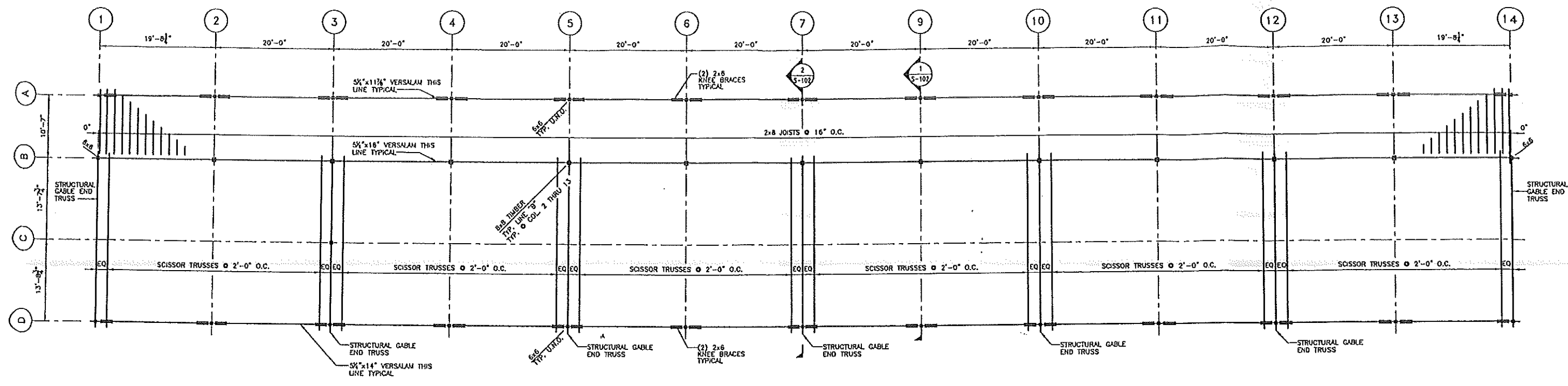
DATE OF APPROVAL 5/17/01



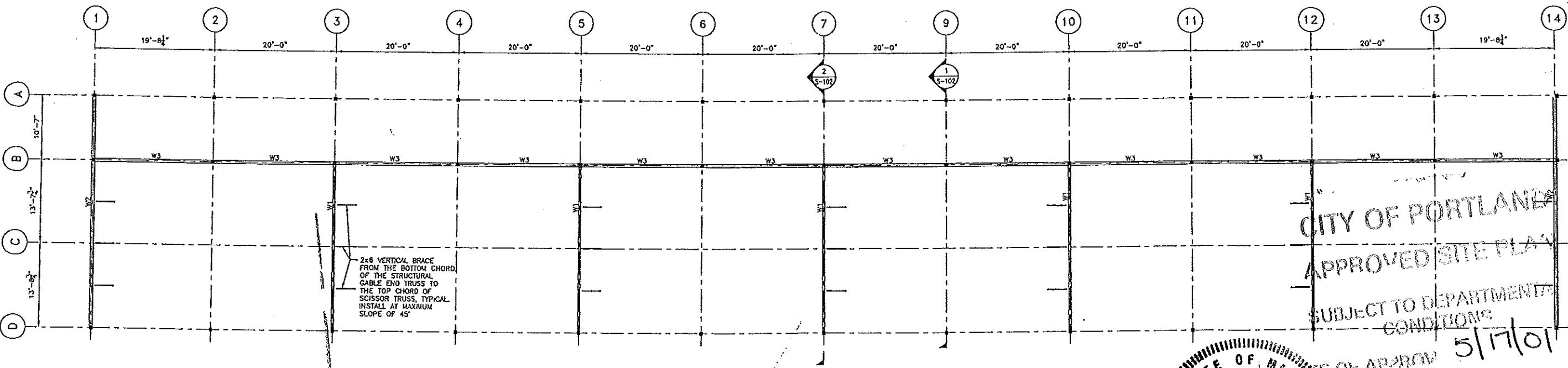
MOHLIN & COMPANY CONSULTING ENGINEERS 90 BEACH STREET SACO, MAINE			
M&C DRAWING NO. 2001-1491-S-100			
CLIENT VACATION PROPERTIES INC. BODDEFORD, MAINE			
TITLE RICHARDSON, DANA & CO. LUMBER STORAGE SHED FOUNDATION PLAN			
DATE 04/11/01	SCALE AS NOTED	CLIENT DRAWING NUMBER	REV. 0
DRN.	ENG.	CHK.	

0	04/18/01	ISSUED FOR CONSTRUCTION	PDR	SNP
---	----------	-------------------------	-----	-----

K:\2001\101-149-1\1S-100.dwg, 04/19/2001 08:35:36 AM

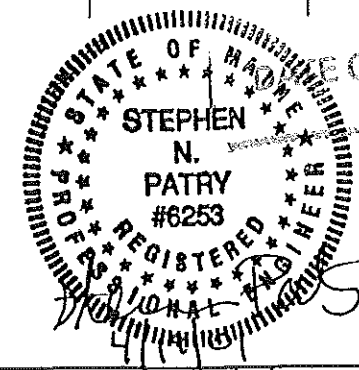


ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



WALL FRAMING PLAN
SCALE: 1/8" = 1'-0"

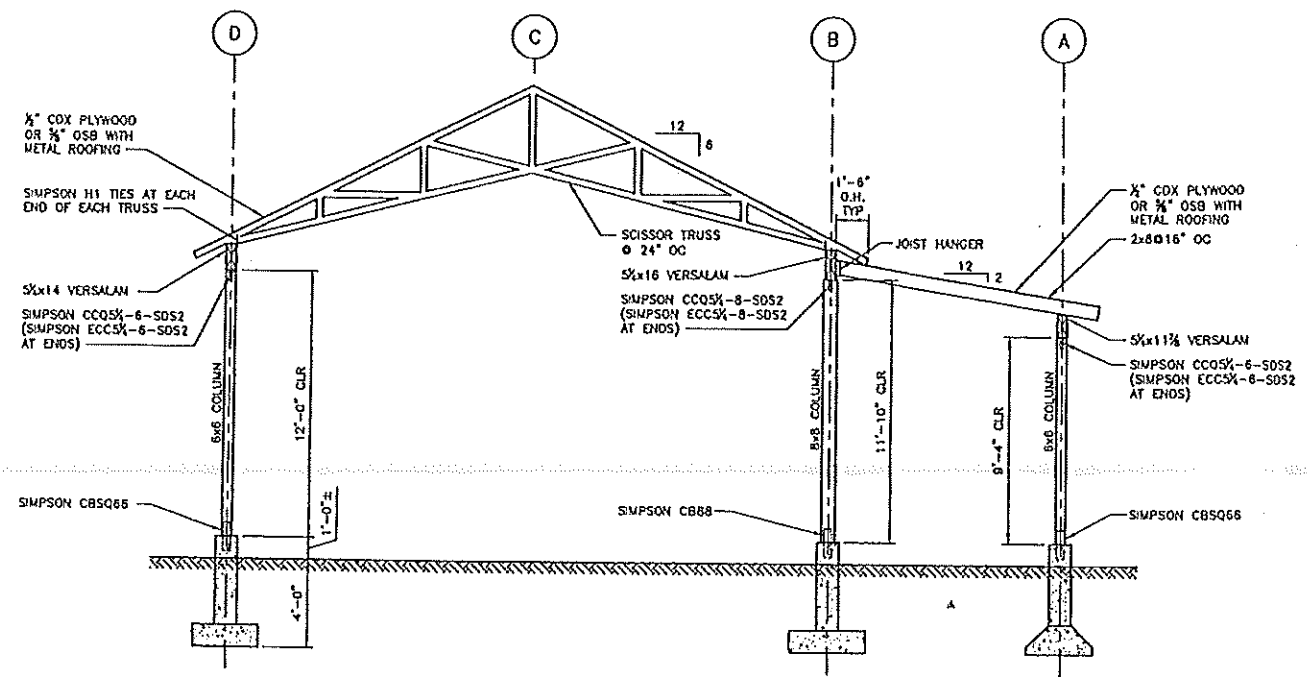
WALL TABLE				
MARK	STUDS	SHEATHING	NAILING	NOTES
W1	2x4@24	1/2" OSB	8d@6" EDGES 12" INTERMEDIATE	2-2x4 P.T. BOTTOM PLATES
W2	2x6@24	1/2" OSB w/ SIDING OR 1/2" T-111 SIDING	8d@6" EDGES 12" INTERMEDIATE	2-2x6 P.T. BOTTOM PLATES
W3	2x6@24	1/2" OSB	8d@6" EDGES 12" INTERMEDIATE	2-2x6 P.T. BOTTOM PLATES



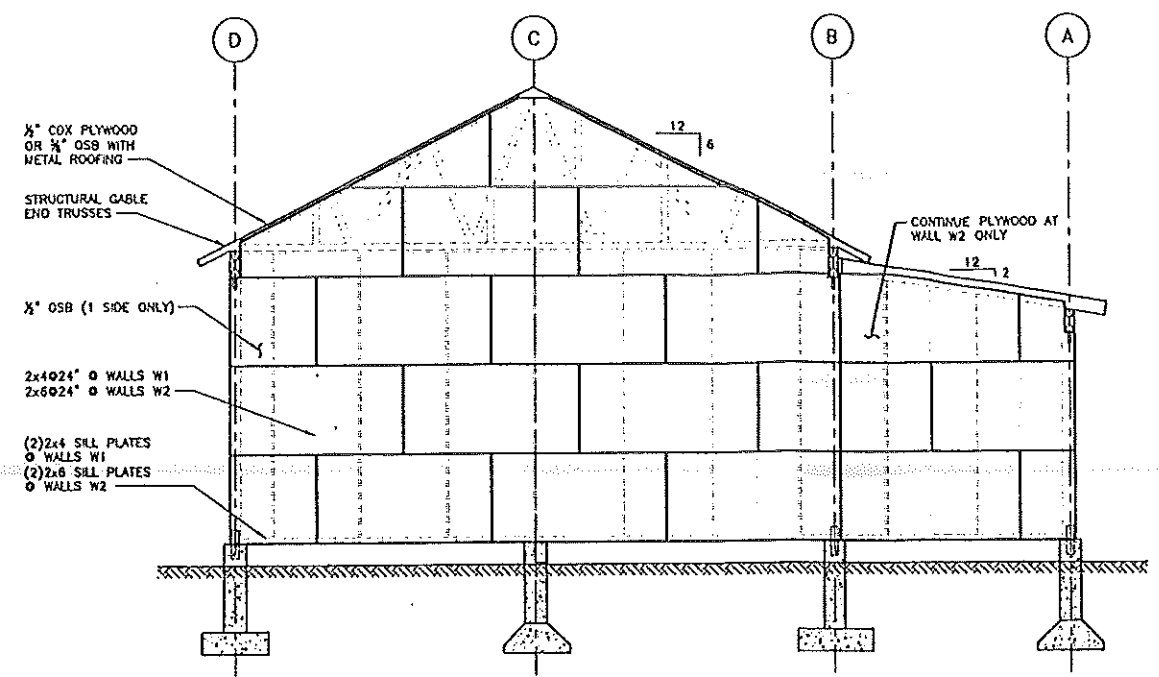
CITY OF PORTLAND
APPROVED SITE PLAN
SUBJECT TO DEPARTMENTAL
CONDITIONS
5/17/01

MOHLIN & COMPANY CONSULTING ENGINEERS 90 BEACH STREET SACO, MAINE			
M&C DRAWING NO. 2001-1491-S-101			
CLIENT VACATION PROPERTIES INC. BIDDEFORD, MAINE			
TITLE RICHARDSON, DANA & CO. LUMBER STORAGE SHED FOUNDATION PLAN			
DATE 04/11/01	SCALE AS NOTED	CLIENT DRAWING NUMBER	REV. 0

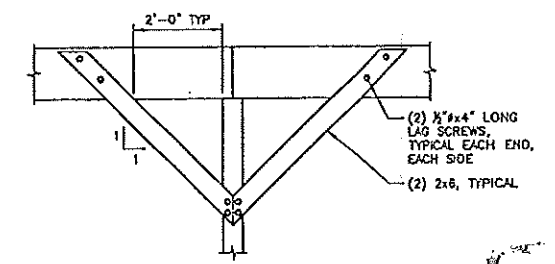
0	04/18/01	ISSUED FOR CONSTRUCTION	PDR	SNP
---	----------	-------------------------	-----	-----



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

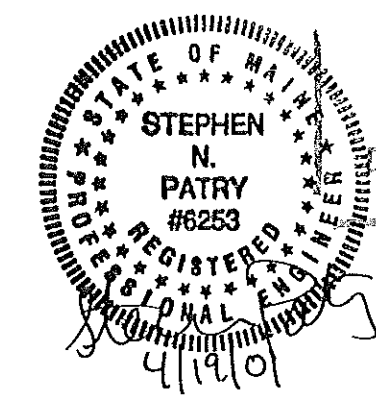


SECTION 2
SCALE: 1/4" = 1'-0"



TYPICAL KNEE BRACE CONNECTION DETAIL
SCALE: 1/2" = 1'-0"

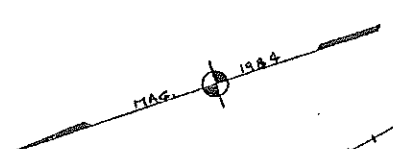
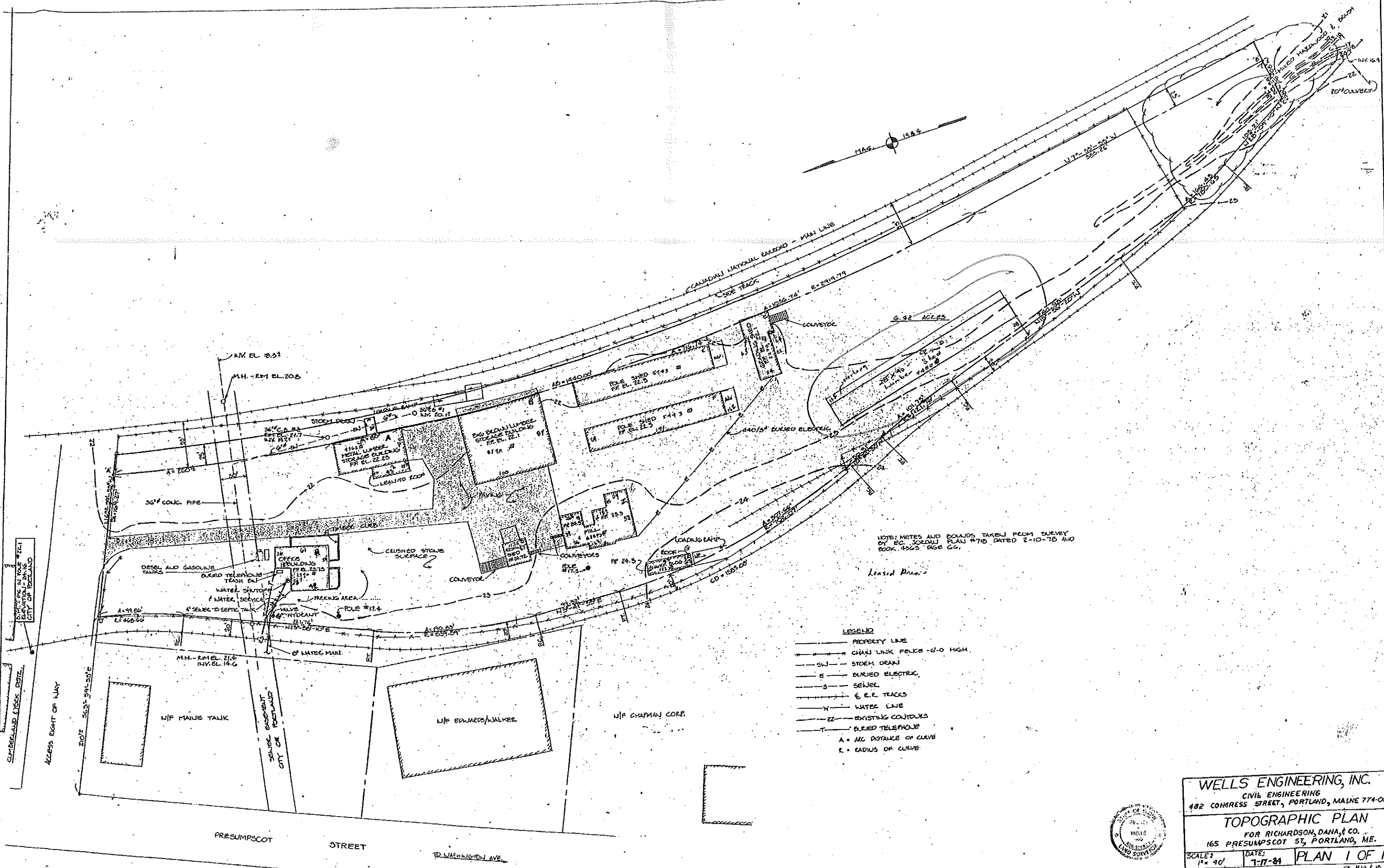
CITY OF PORTLAND
APPROVED SITE PLAN
SUBJECT TO DEPARTMENTAL
CONDITIONS
DATE OF APPROVAL 5/17/01



MOHLIN & COMPANY CONSULTING ENGINEERS 90 BEACH STREET SACO, MAINE	
M&C DRAWING NO.	2001-1491-S-102
CLIENT	VACATION PROPERTIES INC. BODEFORD, MAINE
TITLE	RICHARDSON, DANA & CO. LUMBER STORAGE SHED FOUNDATION PLAN

1	04/18/01	ISSUED FOR CONSTRUCTION	POR	SNP
---	----------	-------------------------	-----	-----

DATE	SCALE	CLIENT DRAWING NUMBER	REV.
04/11/01	AS NOTED		0
OWN.	ENGR.	CHK.	



NOTE: METES AND BOUNDS TAKEN FROM SURVEY BY E.C. JORDAN PLAN #710 DATED 2-10-75 AND BOOK 1265 PAGE 66.

Leased Area

- LEGEND**
- PROPERTY LINE
 - CHAIN LINK FENCE - 6-0 HIGH
 - SW — STORM DRAIN
 - E — BURIED ELECTRIC
 - S — SEWER
 - & R.R. TRACKS
 - W — WATER LINE
 - Z — EXISTING CONTOURS
 - T — BURIED TELEPHONE
 - A = ARC DISTANCE OF CURVE
 - R = RADIUS OF CURVE



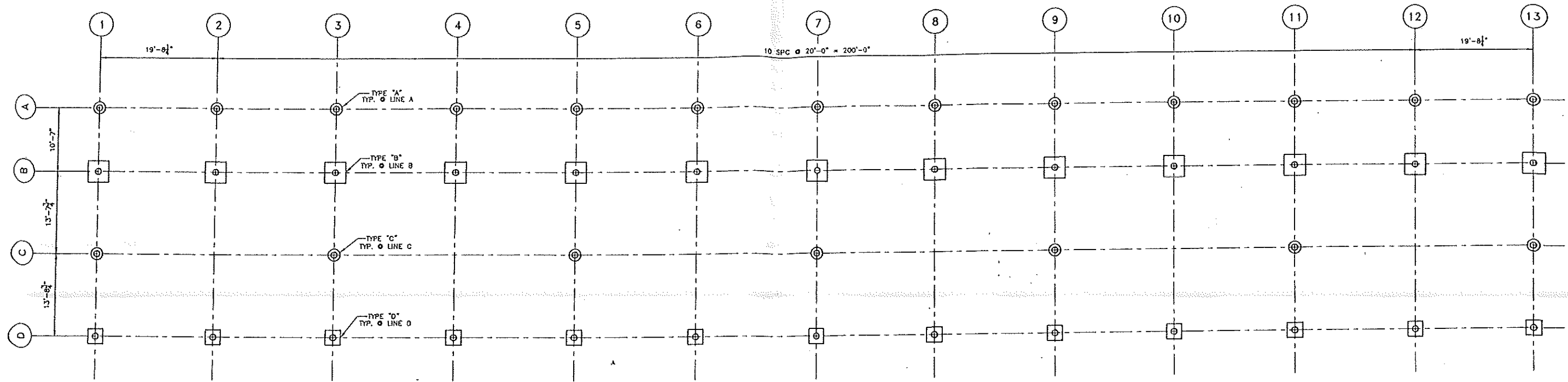
WELLS ENGINEERING, INC.
 CIVIL ENGINEERING
 482 CONGRESS STREET, PORTLAND, MAINE 774-0056

TOPOGRAPHIC PLAN
 FOR RICHARDSON, DANA, & CO.
 165 PRESUMPCOT ST, PORTLAND, ME.

SCALE: 1" = 40'
 DATE: 7-17-84
 PLAN 1 OF 1

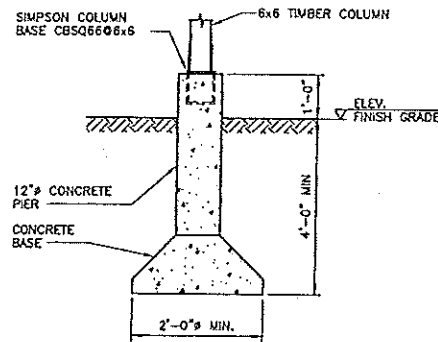
ED. #14 (15)

PRESUMPCOT STREET
 TO WASHINGTON AVE.



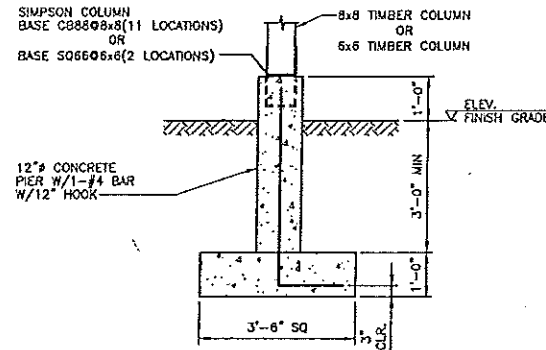
FOUNDATION PLAN

SCALE: 1/8" = 1'-0"



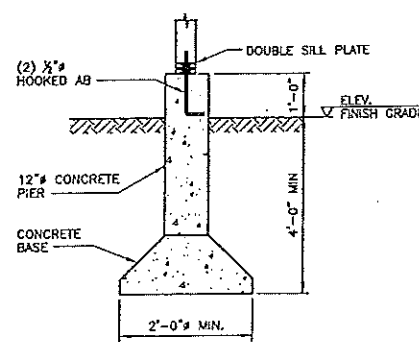
FOUNDATION DETAIL TYPE "A"

SCALE: 1/2" = 1'-0"
(13 LOCATIONS)



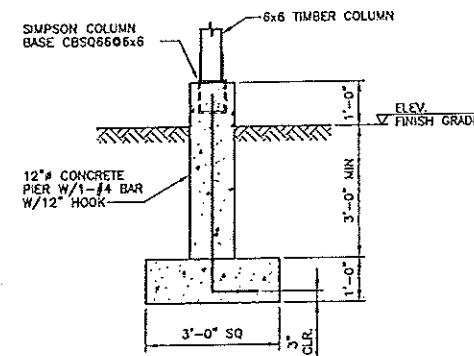
FOUNDATION DETAIL TYPE "B"

SCALE: 1/2" = 1'-0"
(13 LOCATIONS)



FOUNDATION DETAIL TYPE "C"

SCALE: 1/2" = 1'-0"
(7 LOCATIONS)



FOUNDATION DETAIL TYPE "D"

SCALE: 1/2" = 1'-0"
(13 LOCATIONS)

STRUCTURAL DESIGN CRITERIA NOTES

- THE DESIGN CODES AND CRITERIA ARE AS FOLLOWS:
BUILDING CODE: BOCA, 1999
- ROOF LIVE LOADS SHALL BE AS FOLLOWS:
GROUND SNOW LOAD: 60 PSF
MINIMUM ROOF DESIGN SNOW LOAD: 42 PSF
60 PSF UNBALANCED SNOW
- WIND LOAD CRITERIA SHALL BE AS FOLLOWS:
BASIC WIND SPEED: 90 MPH
EXPOSURE CATEGORY: B
IMPORTANCE FACTOR: 1.0

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO THE START OF WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF SUPPORTING AT THE COMPLETION OF CONSTRUCTION. TEMPORARY BRACES, GUYS, TIE-DOWNS, SHORING, ETC. DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION PROCEDURES, SEQUENCING AND FOR COMPLYING WITH ALL APPLICABLE SAFETY REGULATIONS DURING THE WORK.

FOUNDATION NOTES

- DESIGN OF FOUNDATIONS IS BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 4000 POUNDS PER SQUARE FOOT.
- ALL DELETERIOUS MATERIALS FOUND WITHIN THE LIMITS OF THE STRUCTURE SHALL BE REMOVED AND REPLACED WITH COMPACTED SELECT FILL.
- NO FOUNDATIONS SHALL BE PLACED ON FROZEN GROUND OR IN WATER.

CONCRETE NOTES

- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITIONS OF ACI 318 AND ACI 301.
- ALL 3000 PSI CONCRETE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
A. MINIMUM COMPRESSIVE STRENGTH: 3000 PSI @ 28 DAYS
B. CEMENT: ASTM C150 TYPE II
C. AGGREGATE: ASTM C33 OR C330
D. MAXIMUM AGGREGATE SIZE: 3/4 INCH
E. MAXIMUM WATER-CEMENT RATIO: 0.50
F. SLUMP: 2 TO 4 INCHES
G. AIR ENTRAINMENT: ASTM C260, 4 TO 6 PERCENT
- REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS. REINFORCING BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60, DEFORMED BARS.

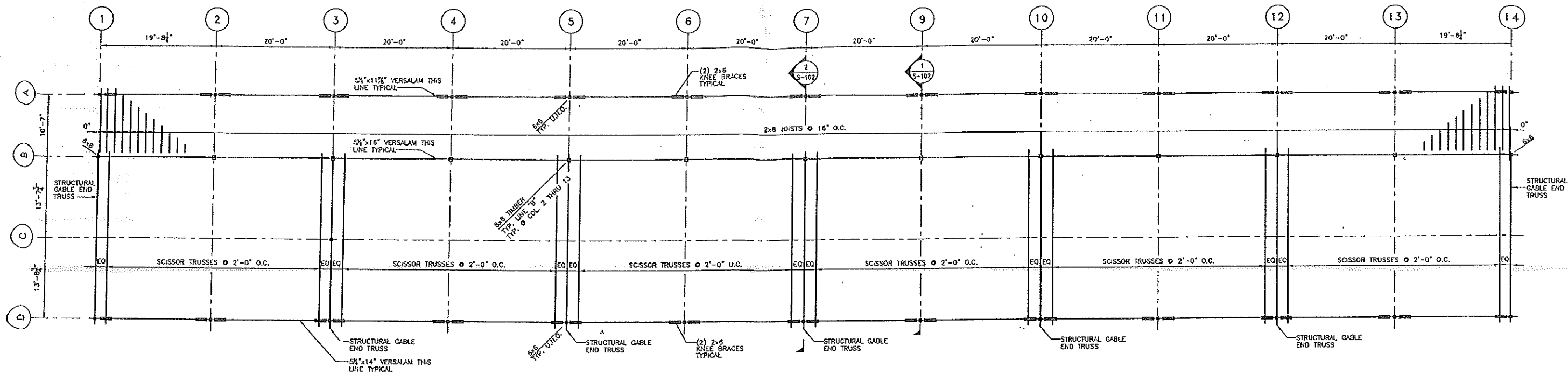
TIMBER NOTES

- ALL FRAMING LUMBER (2x4, 2x6, 2x8) SHALL BE No. 2 SPF OR BETTER.
- ALL POSTS (6x6, 8x8) SHALL BE No. 1 OR No. 2 SOUTHERN YELLOW PINE.
- WOOD ROOF TRUSSES SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN THE STATE OF MAINE. WOOD TRUSSES SHALL BE HANDLED, BRACED AND INSTALLED PER TRUSS PLATE INSTITUTE SUMMARY SHEET HIB-91, COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES. BOTTOM CHORD AND WEB BRACING MAY REMAIN IN PLACE AFTER ROOF SHEATHING IS INSTALLED. ROOF TRUSSES SHALL BE DESIGNED FOR AN UNBALANCED SNOW LOAD OF 0 PSF ON THE WINDWARD SIDE AND 60 PSF ON THE LEeward SIDE. ROOF TRUSSES SHALL BE DESIGNED FOR 90 MPH WINDS, OPEN STRUCTURE.



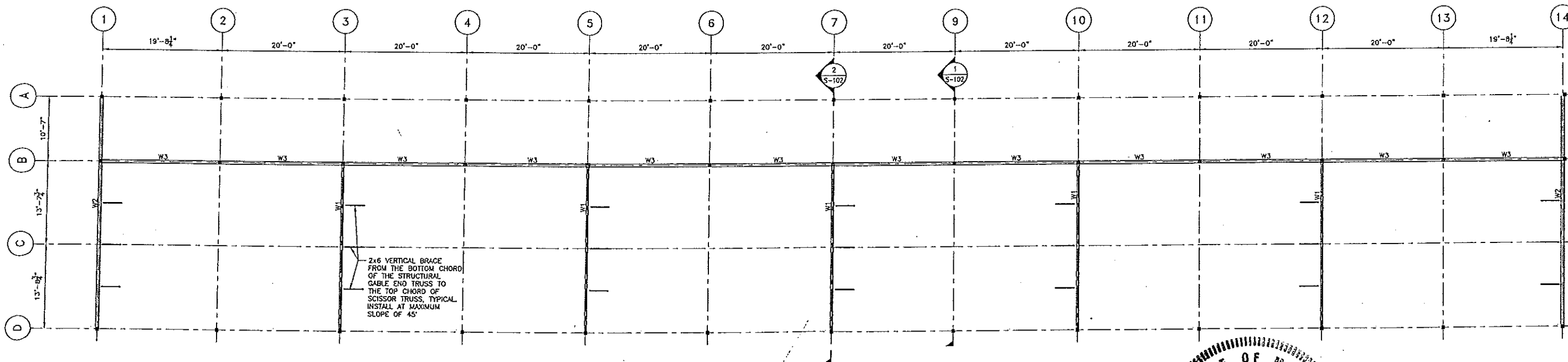
MOHLIN & COMPANY CONSULTING ENGINEERS 90 BEACH STREET SACO, MAINE			
M&C DRAWING NO. 2001-1491-S-100			
CLIENT VACATION PROPERTIES INC. BIGDEFOUR, MAINE			
TITLE RICHARDSON, DANA & CO. LUMBER STORAGE SHED FOUNDATION PLAN			
DATE 04/11/01	SCALE AS NOTED	CLIENT DRAWING NUMBER	
DRAWN JJD	ENG. SNP	CHK. SNP	REV. 0

NO	DATE	DESCRIPTION	BY	CHKD	ENGINEER'S STAMP
0	04/18/01	ISSUED FOR CONSTRUCTION	PDR	SNP	



ROOF FRAMING PLAN

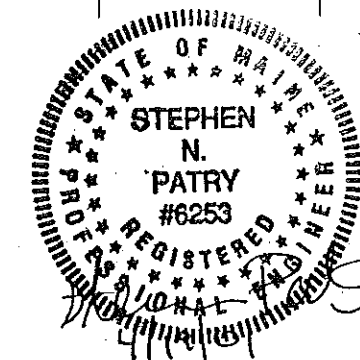
SCALE: 1/8" = 1'-0"



WALL FRAMING PLAN

SCALE: 1/8" = 1'-0"

WALL TABLE				
MARK	STUDS	SHEATHING	NAILING	NOTES
W1	2x4@24	1/2" OSB	8d@6" EDGES 12" INTERMEDIATE	2-2x4 P.T. BOTTOM PLATES
W2	2x6@24	1/2" OSB W/ SIDING OR 1/2" T-111 SIDING	8d@6" EDGES 12" INTERMEDIATE	2-2x6 P.T. BOTTOM PLATES
W3	2x6@24	1/2" OSB	8d@6" EDGES 12" INTERMEDIATE	2-2x8 P.T. BOTTOM PLATES



MOHLIN & COMPANY
CONSULTING ENGINEERS
90 BEACH STREET
SACO, MAINE

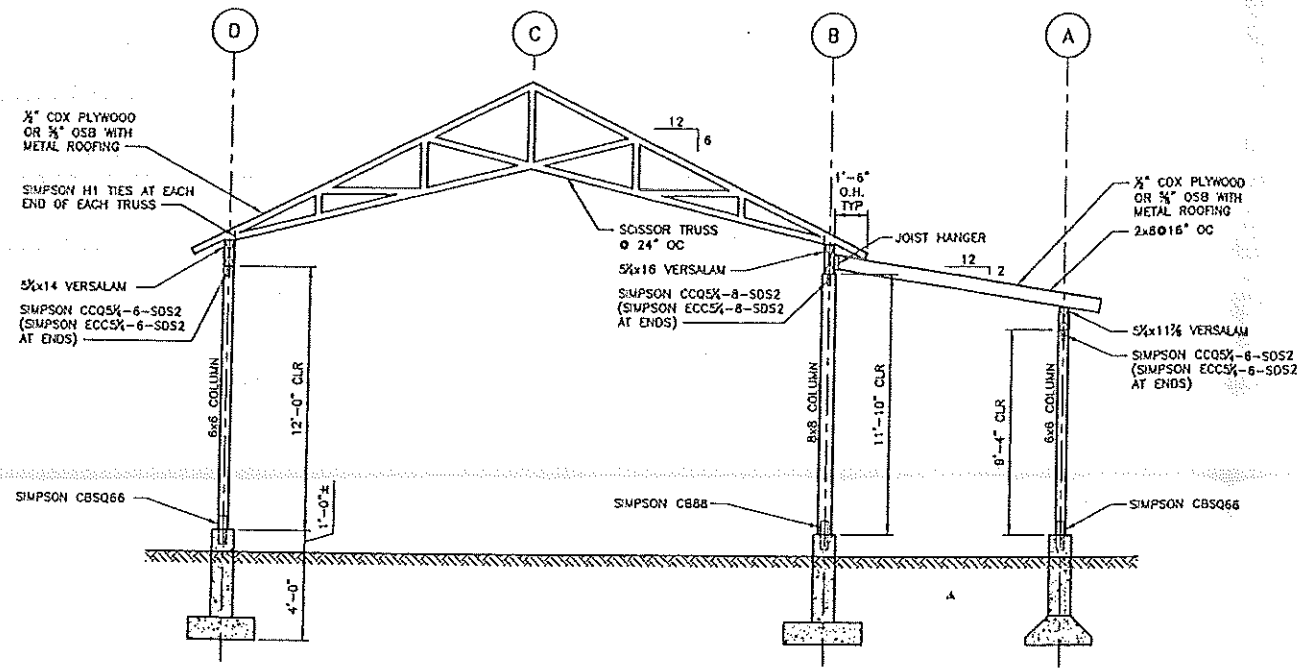
W&C DRAWING NO.
2001-1491-S-101

CLIENT
VACATION PROPERTIES INC.
BIDDEFORD, MAINE

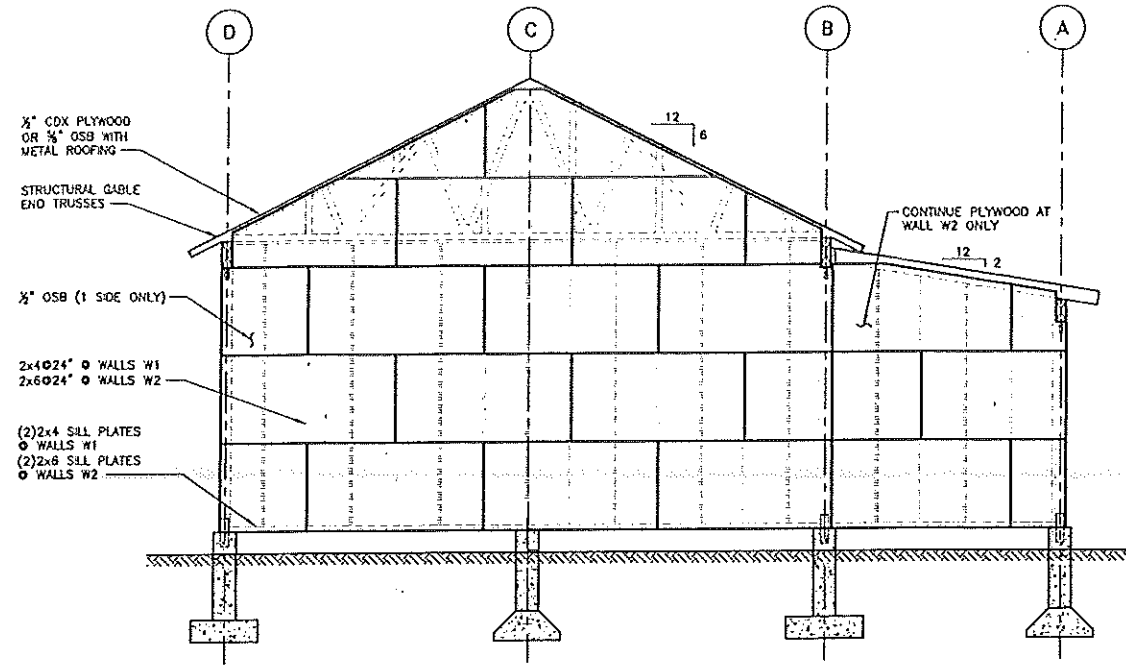
TITLE
RICHARDSON, DANA & CO.
LUMBER STORAGE SHED
FOUNDATION PLAN

DATE	SCALE	CLIENT DRAWING NUMBER	REV.
04/18/01	ISSUED FOR CONSTRUCTION	PDR SNP	0
04/11/01	AS NOTED		

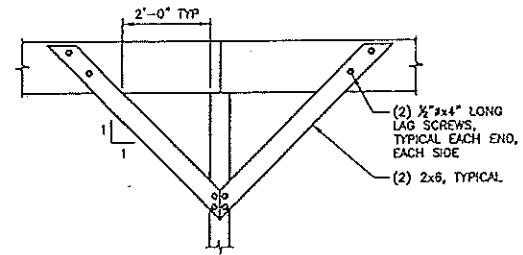
NO	DATE	DESCRIPTION	BY	CHKD	ENGINEER'S STAMP
0	04/18/01	ISSUED FOR CONSTRUCTION	PDR	SNP	



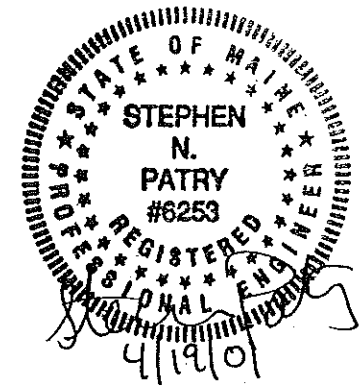
SECTION 1
SCALE: 1/4" = 1'-0"



SECTION 2
SCALE: 1/4" = 1'-0"



TYPICAL KNEE BRACE CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



MOHLIN & COMPANY CONSULTING ENGINEERS 90 BEACH STREET SACO, MAINE	
M&C DRAWING NO.	2001-1491-S-102
CLIENT	VACATION PROPERTIES INC. BIDDEFORD, MAINE
TITLE	RICHARDSON, DANA & CO. LUMBER STORAGE SHED FOUNDATION PLAN

NO	DATE	DESCRIPTION	BY	CHKD	ENGINEER'S STAMP	DATE			REV.
						DWN.	ENG.	CHK.	
1	04/18/01	ISSUED FOR CONSTRUCTION	PDR	SNP		04/11/01	AS NOTED	CLIENT DRAWING NUMBER	0