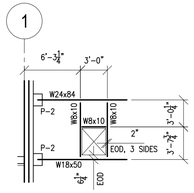
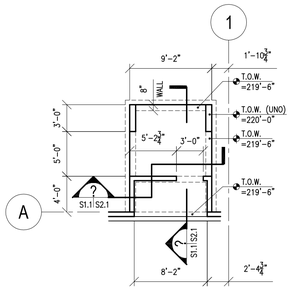


X S1.1|S1.1 PLAN DETAIL
SCALE: ⅜"=1'-0"



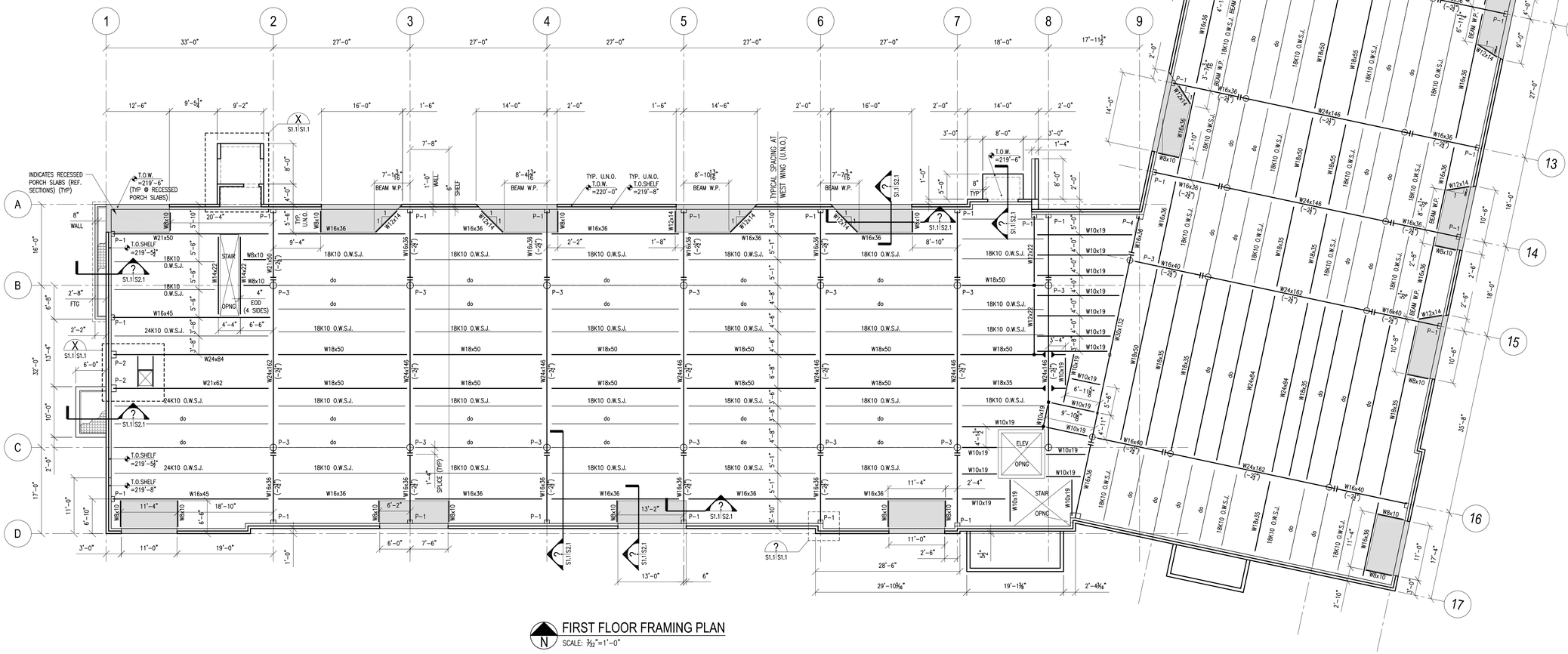
X S1.1|S1.1 PLAN DETAIL
SCALE: ⅜"=1'-0"

BASIS OF DESIGN

BUILDING CODE: BOCA 1996
DESIGN LOADS:
–DEAD LOAD (SUPERIMPOSED)
FIRST FLOOR = 63 PSF
FLOORS TRUSSES = 5 PSF (TOP CHORD), 6 PSF (BOTT. CHORD)
ROOF TRUSSES = 4 PSF (TOP CHORD), 6 PSF (BOTT. CHORD)
–LIVE LOADS
TYPICAL FLOOR = 40 PSF
ATTIC FLOOR = 30 PSF
–PARTITION LOAD = 10 PSF
–SNOW LOAD (Pf) = 40 PSF (PLUS APPLICABLE DRIFTING & UNBALANCED LOADS)
–WIND LOAD
Pv = 12.5 PSF
I = 1.0
EXPOSURE = C
–SEISMIC LOAD
EXPOSURE GROUP = I
Av = 0.10
PERFORMANCE CATEGORY = C
SITE COEFFICIENT = 2.0
RESPONSE MODIFICATION = 6.5
DEFLECTION AMPLIFICATION = 4
LIVE LOAD DEFLECTION CRITERIA:
–STEEL FLOOR FRAMING = SPAN/360
–WOOD FLOOR FRAMING = SPAN/480
–WOOD ROOF FRAMING = SPAN/360

PRICING NOTES

1. T.O.S ELEVATION (UNDERSIDE OF DECK) AT WEST WING = 219'–8" , UNLESS NOTED AS (+/– X")
2. T.O.S. ELEVATION (UNDERSIDE OF DECK) AT EAST WING = 224'–8" , UNLESS NOTES AS (+/–X").
3. CONCETE SLAB TO BE 4" SLAB ON 1½"x22GA COMPOSITE FLOOR DECK. WITH 6x6–W4xW4 WWF (FLAT SHEETS).
4. FASTEN METAL DECK TO ALL SUPPORTING MEMBERS WITH ⅝" PUDDLE WELDS ON A 36–4 PATTERN.
5. ALL STRUCTURAL STEEL SHAPES SHALL BE ASTM A592 (50 KSI).
6. ALL WELDING SHALL BE DONE WITH E70XX ELECTRODES.
7. ALL BOLTS SHALL BE ASTM A325.
8. STEEL SHALL RECEIVE NO PAINT (U.N.O.).



N FIRST FLOOR FRAMING PLAN
SCALE: 3/32"=1'–0"

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EARLY PRICING PLANS
(REVISED 10/14/03)
NOT FOR CONSTRUCTION

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Eastwood Commons
SOUTH BURLINGTON VERMONT

NO.	DATE:	REVISION

SCALE: 3/32" = 1'-0"
DATE: --------
DRAWN BY: RTL
CHECKED BY: TPH
PROJECT NO. HSE 03001.00
SHEET TITLE: STRUCTURAL
FIRST FLOOR FRAMING PLAN

S1.2