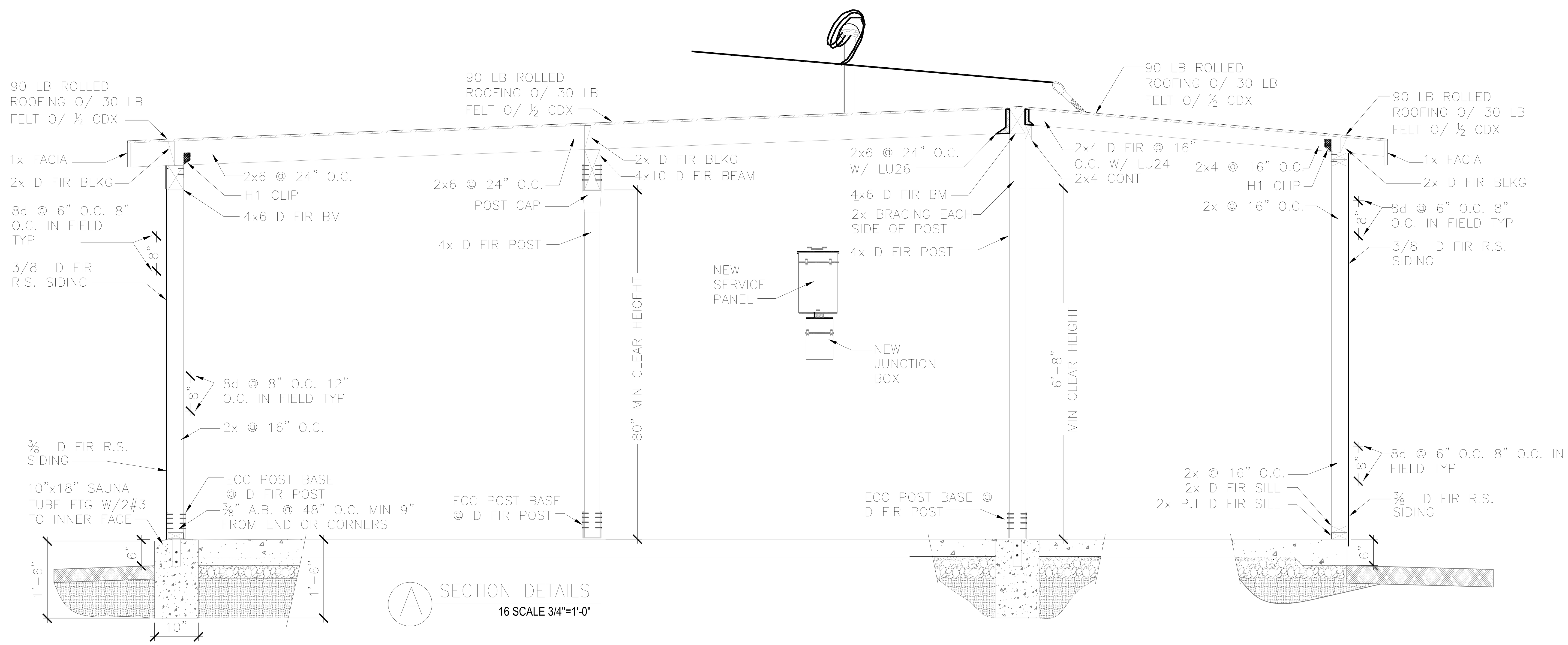


A SECTION DETAILS
16 SCALE 3/4"=1'-0"

SIMPLE PATIO ROOF RAFTER SPAN TABLE (for solid roofs)

Douglas Fir # 2 — Roof Rafter L/240 20LL + 10DL — Deflection calculated on LL only

LL = 20 lb/sq ft — DL = 10 lb/sq ft — TOTAL LOAD = 30 lb/sq ft — Deflection = L/240

2 x 4 Spacing in Inches O.C.	Allowable Span Feet	Inches	2 x 6 Spacing in Inches O.C.	Allowable Span Feet	Inches	2 x 8 Spacing in Inches O.C.	Allowable Span Feet	Inches
12	9	7	12	15	4	12	20	3
16	8	6	16	13	9	16	18	1
24	7	0	24	11	7	24	14	10

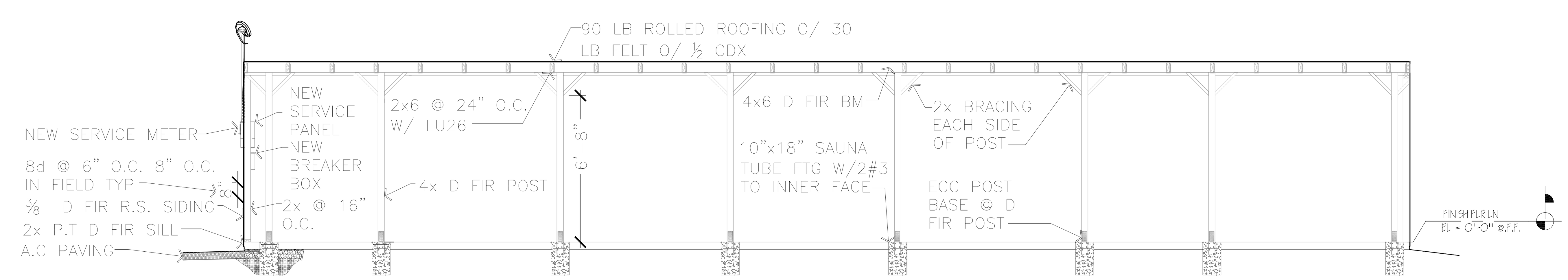
SIMPLE BEAM SPAN TABLE (For solid covered roofs)

For rafter span loading of beam LL + DL per sq. ft. on roof area

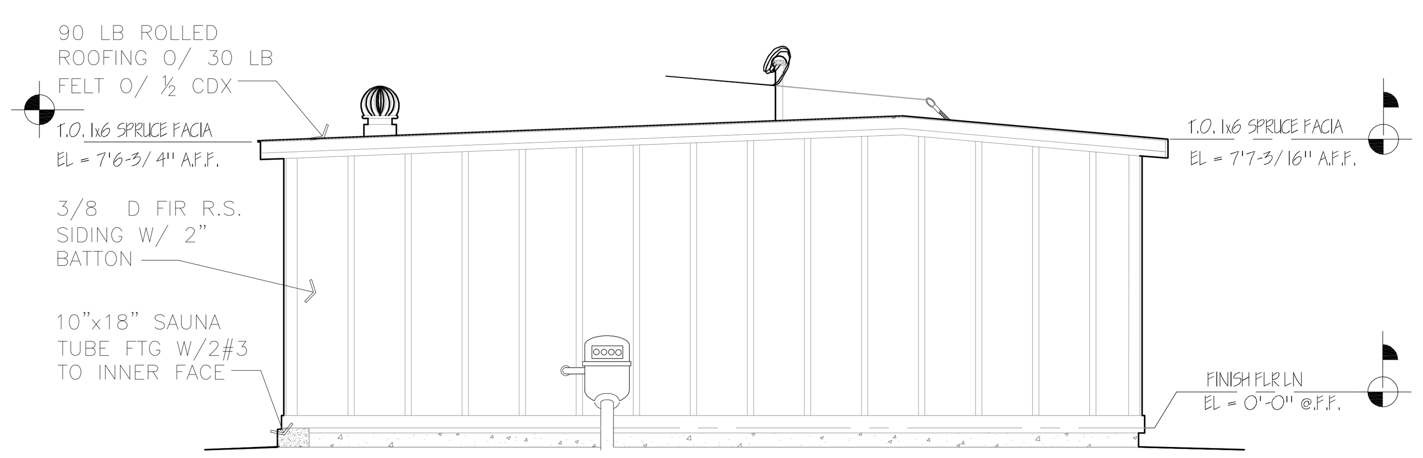
Douglas Fir #2 — Live Load = 20 lb/sq ft — Dead Load = 10 lb/sq ft — TOTAL LOAD = 30 lb/sq ft

(Half of rafter load on beam) Allowable Rafter Span	4X6 beam Allowable Span		4X8 beam Allowable Span		4X10 beam Allowable Span		4X12 beam Allowable Span	
feet	feet	inches	feet	inches	feet	inches	feet	inches
12	8	0	11	0	13	9	15	3
14	7	5	10	0	12	10	14	10
16	7	0	9	5	11	6	13	8
18	6	5	9	0	10	11	12	8
20	6	0	8	5	10	6	11	10
22	5	5	8	0	9	0	11	0
24	5	0	7	5	9	8	10	5

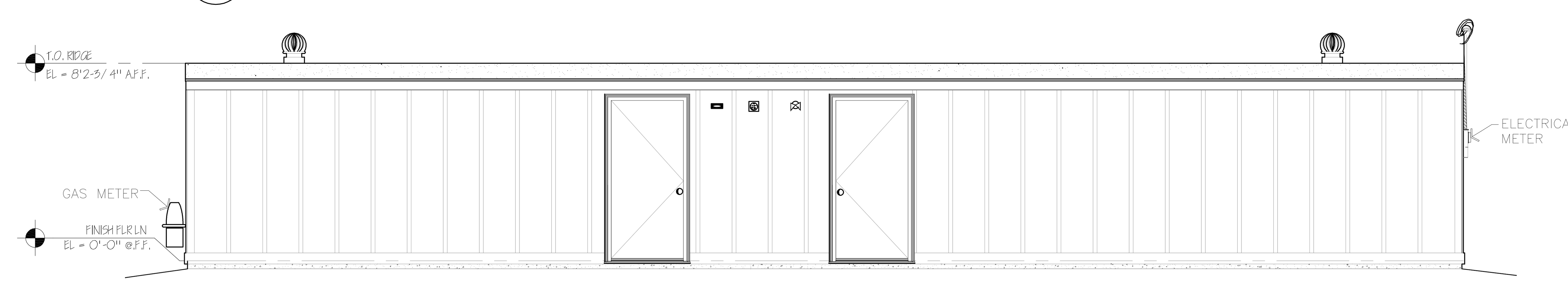
NOTE: The values shown do not include the weight of the beam itself; the weight of the beam has been considered in the calculation



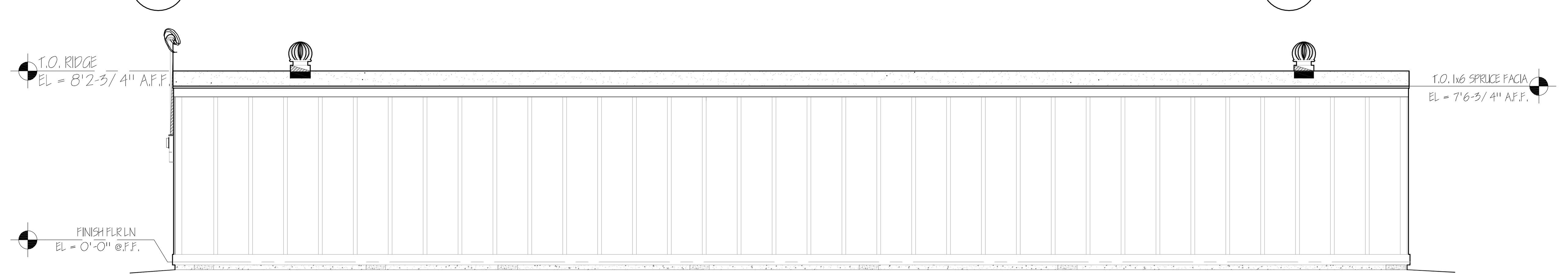
B LONG SECTION
SCALE: 1/4"=1'-0"



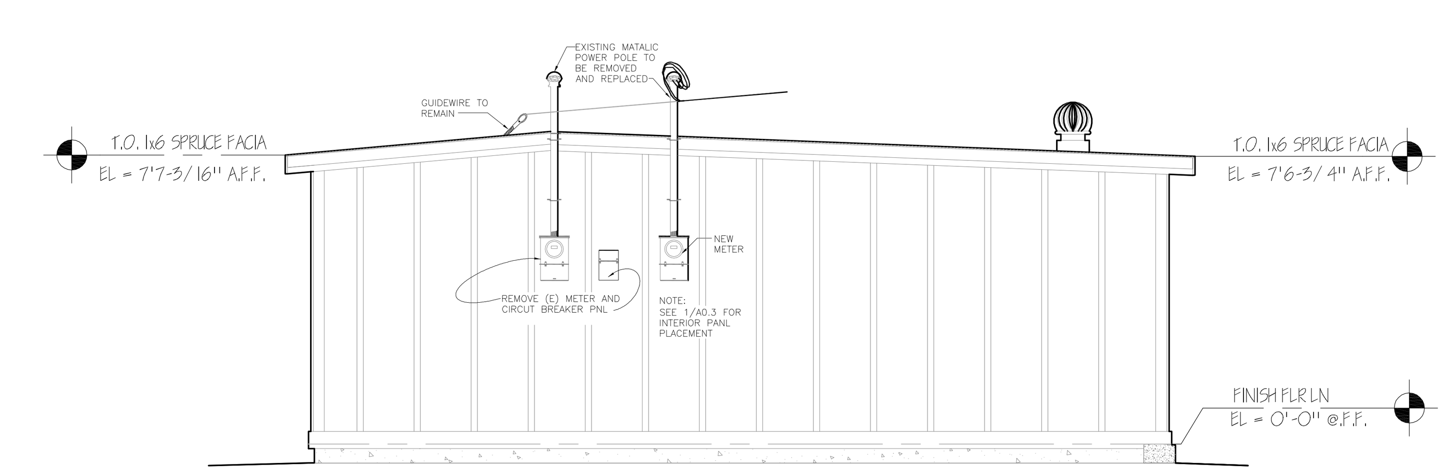
1 EAST ELEVATION
SCALE: 1/4"=1'-0"



2 NORTH ELEVATION
SCALE: 1/4"=1'-0"



3 SOUTH ELEVATION
SCALE: 1/4"=1'-0"



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

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SKATE STORAGE SECTIONS / ELEVATIONS

Placer County — Marin County — Maui County — J.C.P. Drafting

48 SCALE 1/4"=1'-0"
DRAWN 06-13-11

REVISIONS		
NO.	DATE	REMARKS
2	6 30-11	1013101-4-12-11

A3 — REVISION NUMBER
COMMENT RE: #
REVISION CLOUD

A.04