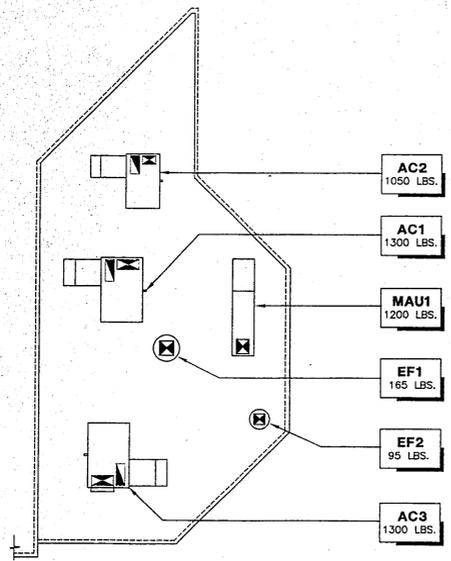
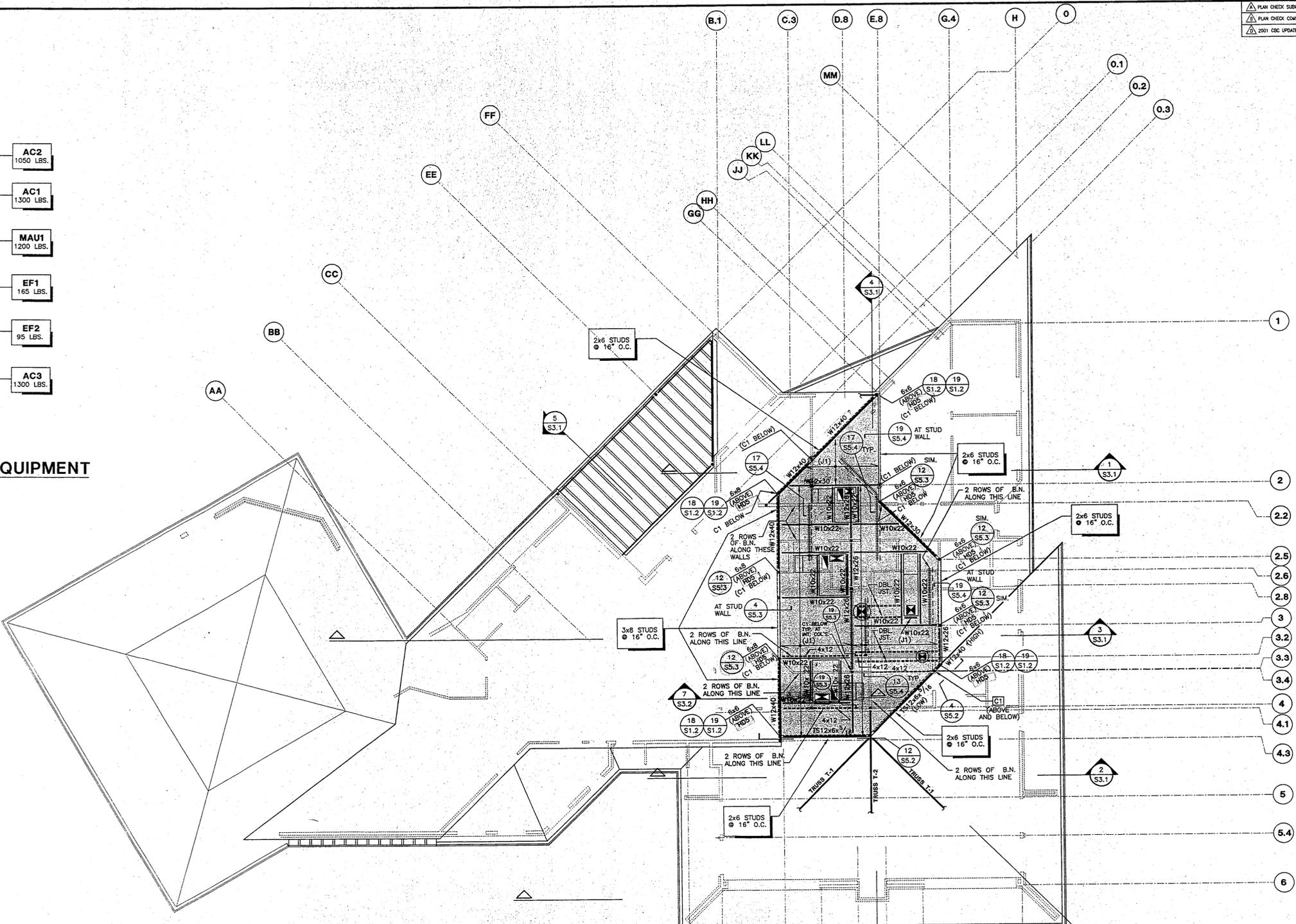


PLAN CHECK SUBMITTAL 9-28-98  
 PLAN CHECK COMMENTS 1-15-99  
 2001 CBC UPDATE 11-18-03



SEE NOTE 12 BELOW

**KEY PLAN AT MECHANICAL EQUIPMENT**  
 SCALE: 1/8"=1'-0"



**LEGEND:**

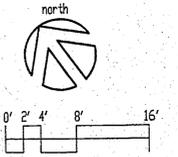
- INDICATES 1/2"x3"x10'-0" LONG CONT. DIAPHRAGM DRAG STRAP W/ 10d NAILS @ 3" O.C. AT FIRST BAY AND 6" O.C. REMAINDER (STRAP IS TO BE PLACED OVER WALL DBL. TOP @ WHERE OCCURS AND TJI OR 4x BLK'G BETWEEN TRUSS JOISTS).
- INDICATES EXTENT (10'-0") OF 4x BLK'G INTO TJI FRAMING PER 17 (S5.4) OR 4x12x10'-0" LONG DRAG MEMBER TO ACCOMMODATE DIAPHRAGM DRAG STRAP PER 13 (S5.4)
- PROVIDE DBL. ROWS OF B.N. OR SINGLE ROW OF 10d NAILS @ 3" O.C. AT 4x BLK'G OR 4x DRAG MEMBERS.
- INDICATES COLUMN (OR POST) PER SCHEDULE ON FOUNDATION PLAN (SHT. S2.1)

**NOTES:**

1. ROOF PLYWOOD DIAPHRAGM SHALL BE 5/8" STRUCT. I PLYWOOD (24/0) BLOCKED W/ 10d NAILS @ 6" O.C. B.N., 6" E.N. AND 12" O.C. F.N. PER 12/S1.2 ALL BOUNDARY NAILINGS (B.N.) SHALL BE AT ROOF BOUNDARIES, PLATE LINES, CHORD TIES AND AS CALLED OUT IN SECTIONS AND DETAILS. PROVIDE DOUBLE ROWS OF B.N. WHERE INDICATED ON ROOF PLAN, SECTIONS AND DETAILS. (SHEATHING AREA IS INDICATED BY SHADING).
2. WHERE DOUBLE ROWS OF B.N. IS INDICATED ON PLANS, A SINGLE ROW OF 10d NAILS @ 3" O.C. MAY BE SUBSTITUTED.
3. SEE SHEET S1.1 THROUGH S1.4 FOR TYPICAL DETAILS
4. FOR DIMENSIONS SEE ARCHITECTURAL DWG'S. COLUMNS ARE LOCATED AT CENTERLINE OF STUD WALL TYP.
5. SEE DETAILS 3/S1.2 AND 8/S1.2 FOR TYPICAL STUD WALL FRAMING AND 5/S1.2 FOR OPENINGS IN PLYWOOD SHEARWALL.
6. SEE DETAIL 7/S1.2 FOR DOOR AND WINDOW HEADER SIZES U.N.O.
7. SEE DETAIL 4/S1.2 FOR TOP PLATE SPLICE. (TOP PLATE SPLICE SHALL BE TYPE 'C')
8. FOR TYPICAL STEEL BEAM TO COL. CONNECTIONS SEE DETAILS ON SHEET S1.4. FOR TYPICAL TRUSS JOIST TO STEEL BEAM CONNECTIONS SEE DETAIL 8/S1.3. FOR TYPICAL WOOD BEAM CONNECTIONS SEE DETAIL 9/S1.2
9. SEE ARCH'L DWG'S FOR WALL TOP PLATE ELEVATION AND ROOF HEIGHTS, TYP.
10. FOR TRUSS T-1 AND T-2 PROFILES SEE SHEET S6.1.
11. FOR OPENING SIZES AND LOCATIONS, SEE ARCH'L AND MECH'L DWG'S.
12. FOR SIZE AND LOCATION OF MECHANICAL UNITS, SEE MECH'L DWG'S.

ROOF JOIST SCHEDULE	
MARK	JOIST SIZE AND SPACING
J1	11 7/8" DEEP TJI L65 @ 16" O.C.
J2	11 7/8" DEEP TJI L90 @ 16" O.C.
J3	11 7/8" DEEP TJI L65 @ 24" O.C.
J4	2x6 @ 16" O.C.
J5	4x8 @ 16" O.C.
J6	4x8 @ 24" O.C.

**MECHANICAL WELL FRAMING PLAN**  
 SCALE: 1/8"=1'-0"



**RON YEO, FAIA ARCHITECT, INC.**  
 500 JASMINE AVENUE, CORONA DEL MAR, CA 92626  
 (714) 444-0449  
 PATRICK MARR, AIA, PE, ASSOCIATE ARCHITECT



**ABS Consulting**  
 EOE Structural Engineers Division  
 300 Commerce Drive, Suite 300  
 Irvine, Calif. 92602-8000 USA  
 Phone (714) 794-4242  
 Fax (714) 794-4272

**POINT VICENTE INTERPRETIVE CENTER EXPANSION**  
 3150 El Camino Verde Drive West  
 Rancho Palms Verdes, CA

**PLAN VIEW AT MECH. WELL**

DRAWN BY  
 CHECKED BY  
 DATE 1-2-99  
 SCALE 1/8"=1'-0"  
 JOB NO. 2003A.01  
 SHEET

**S2.3**  
 OF 69 SHEETS

THESE DRAWINGS DO NOT CONTAIN THE NECESSARY CONDITIONS FOR CONSTRUCTION SAFETY