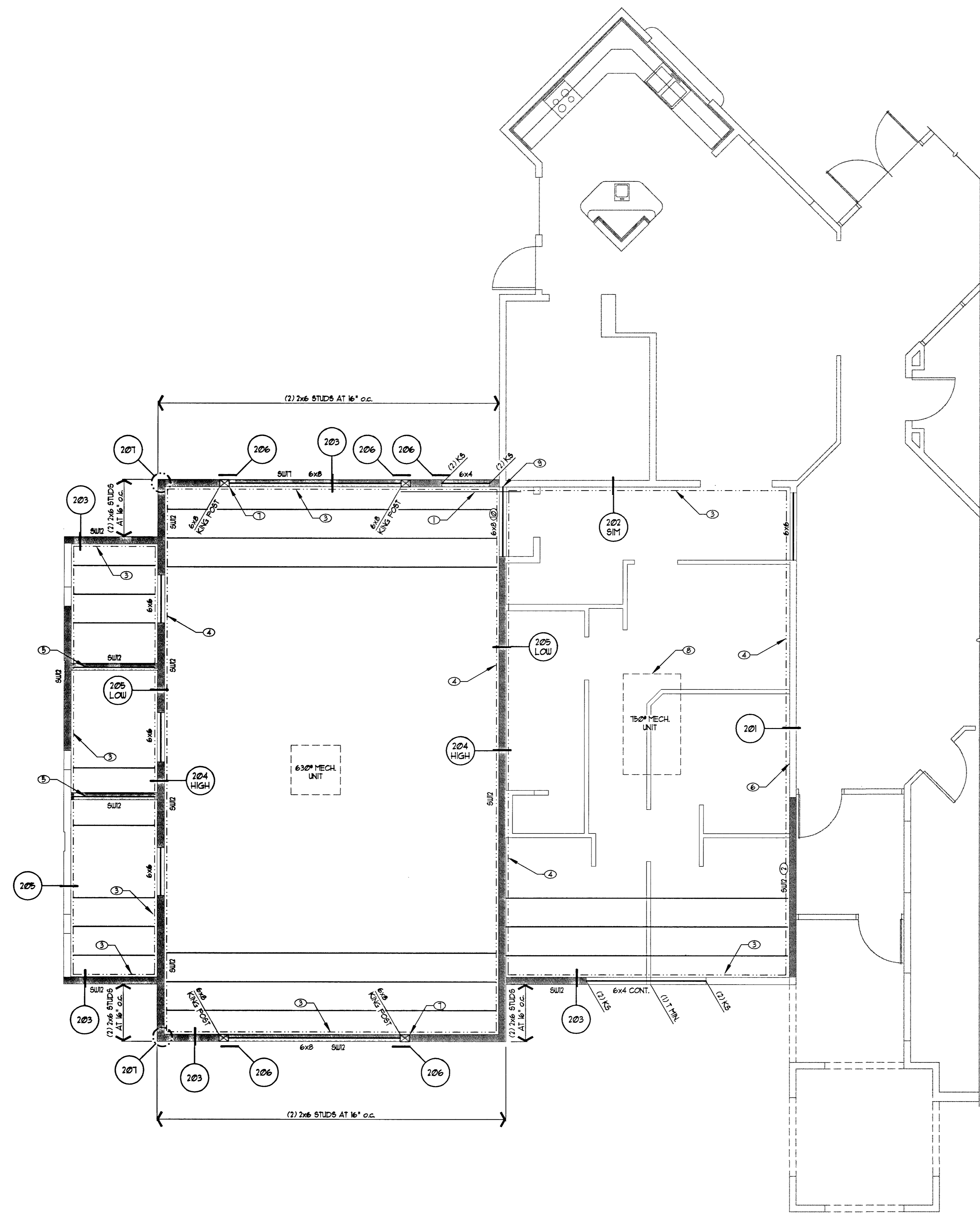


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ROOF FRAMING PLAN

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

KEYNOTES:

- ① STRAP LOWER LEDGER TO SOLID BLOCKING IN APPEARANS BAY/WALL w/ C516 x 5'-0" MIN. w/ (1/4) 8d TO LEDGER AND 8d AT 3' o.c. TO BLOCKING. EXTEND STRAP AND BLOCKING TO EDGE OF 12'-0" OPENING.
- ② RETROFIT NEW ANCHOR BOLTS PER PLAN AT EXISTING WALL. NEW REQUIRED ANCHOR BOLTS SHALL BE IN ADDITION TO ANY EXISTING ANCHOR BOLTS
- ③ CONT. 2x6 LEDGER w/ (1) 3/8" DIA. x 5" LAG SCREW AT 16" o.c. CENTER LAG SCREW IN WALL STUD
- ④ CONT. (2) 2x10 LEDGER w/ (4) 3/8" DIA. x 6" LAG SCREWS AT 16" o.c. STAGGERED. CENTER LAG SCREWS IN WALL STUD.
- ⑤ ALIGN I-JOIST OVER SHEARWALL AND TOENAIL TO TOP PLATE w/ 16d AT 6" o.c. EDGE NAIL ROOF SHEATHING TO I-JOIST
- ⑥ INFILL EXISTING OPENINGS w/ 2x6 STUDS AT 16" o.c.
- ⑦ ORIENT KING POST AS SHOWN. ATTACH HEADER TO 6x8 KING POST w/ (2) A35 IN ADDITION TO NAILS REQUIRED PER TYP. NAILING SCHEDULE
- ⑧ JOIST MFR. TO DESIGN FOR 30' SQ. (VERIFY) OPENING PER MECHANICAL PLAN. SEE DETAIL 209
- ⑨ POCKET BEAM INTO EXISTING WALL (1) T. MIN.
- ⑩ PLACE 6x8 BEAM HIGH AND LOW. AT HIGH BEAM, PROVIDE (1) T. MIN. TO BEAM BELOW EACH END.

ROOF FRAMING PLAN NOTES

- A. TYPICAL EXTERIOR WALL FRAMING UNLESS NOTED OTHERWISE ON PLANS 2x6 AT 16" o.c. ALL INTERIOR LOAD BEARING WALLS TO BE FRAMED AT 16" o.c.
- B. SW1, SW2, SW3, ... DENOTES SHEARWALL TYPE PER SCHEDULE THIS SHEET.
- C. ROOF SHEATHING SHALL BE 15/32" PLYWOOD PER G.S.N. WITH 8d COMMONS AT 6" o.c. EDGES AND 12" o.c. FIELD. STAPLES ARE NOT ALLOWED
- D. ROOF FRAMING MEMBERS SHOWN ON PLANS INDICATE 1" MAX. DEEP PREFABRICATED WOOD I-JOISTS SPACED AT 24" o.c. MAX. SPECIFIC GRAVITY OF TOP CHORD MEMBER SHALL BE @ 0.50 OR GREATER. I-JOIST MFR. SHALL DESIGN JOIST FOR MECH. UNITS PER PLAN
- E. K3 DENOTES KING STUD. T DENOTES TRIMMER STUD. MINIMUM (1) K3 AND (1) T REQUIRED AT ALL OPENINGS, UNO.
- F. LENGTH OF TYPICAL DOUBLE TOP PLATE SPLICE SHALL BE MINIMUM 4'-0" WITH (2) 16d EACH SIDE OF JOINT STAGGERED AND SPACED EVENLY. LOCATE SPLICE AWAY FROM SHEARWALLS. PLACE STUD BELOW CENTER OF SPLICE. TOP PLATE BREAK FOR WALL T-INTERSECTIONS SHALL BE CONSIDERED A SPLICE. TOP PLATE SECTIONS SHALL BE BUTTED SOLID AT ALL SPLICES. USE SINIFSON M5C28 AT SITUATIONS WHERE PLATES CANNOT BE SPLICED. NOT REQUIRED AT INTERIOR NON-SHEARWALLS.
- G. SHEATH ALL EXTERIOR WOOD STUD WALLS w/ 15/32" PLYWOOD w/ 16d AT 6" o.c. EDGE AND 12" o.c. FIELD, EXCEPT WHERE NOTED OTHERWISE AT SHEARWALLS

SHEARWALL (SW) SCHEDULE

- A. WALL STUDS SHALL BE PLACED AT 16" o.c. MAX. FRAMING AND BLOCKING AT EDGES (WHERE NOTED) SHALL BE 2x MIN. UNO.
- B. PROVIDE (2) FULL HEIGHT STUDS (MIN) AT ENDS OF SHEARWALL, UNLESS NOTED AS POST ON PLANS OR DETAILS. HOLDINGS AS SPECIFIED ON PLAN SHALL BE ATTACHED TO DOUBLE STUD OR POST PER MFR. SPECS. SHEARWALLS SW1 THRU SW6 MAY BE CONSTRUCTED WITH ONE END STUD, PROVIDED HOLDINGS ARE NOT SPECIFIED AT ENDS. TRIMMER STUD MAY BE COUNTED AS AN END STUD AT NON-BEARING WALLS.
- C. PLYWOOD OR MAY BE INSTALLED EITHER HORIZONTAL OR VERTICAL, UNO.
- D. PROVIDE CONTINUOUS DOUBLE 2x TOP PLATE AT ALL SHEARWALLS, EXTERIOR WALLS AND BEARING WALLS.
- E. USE A.B. NOTED PER G.S.N. DETAILS AND THIS SCHEDULE FOR BOTTOM PLATE ATTACHMENT AT FOUNDATION. USE STAGGERED NAILS NOTED THIS SCHEDULE FOR BOTTOM PLATE ATTACHMENT AT ELEVATED SHEARWALLS. SEE SCHEDULE FOR APPLICATION AND REQUIREMENTS FOR OPTIONAL SHOT-PINS AND EPOXY BOLTS.
- F. WHERE NOTED ON PLANS, SHEARWALLS SHALL EXTEND BETWEEN OPENINGS OR ENDS OF WALL, UNLESS LENGTH IS NOTED, WHERE SHEATHING IS INTERRUPTED BY INTERSECTING WALL, PROVIDE CONTINUITY CHANNEL BLOCKING PER TYPICAL DETAIL.
- G. NAIL TYPE SHALL BE AS NOTED IN G.S.N. SUBSTITUTION OF ALTERNATE NAILS OR STAPLES NOT PERMITTED w/o PRIOR WRITTEN APPROVAL OF ENGINEER

MARK	SHEATHING MATERIAL	EDGE NAILING	FIELD NAILING	BOTTOM PLATE A.B. AT FOUND.
SU12	15/32" PLYUD. BLOCKED ONE SIDE OF WALL	16d AT 4" o.c.	16d AT 12" o.c.	1/2" DIA. A.B. AT 20' o.c. 16d AT 3' o.c.
SU11	15/32" PLYUD. BLOCKED ONE SIDE OF WALL	16d AT 2" o.c. STAGGERED AT ADJOINING PANEL EDGES	16d AT 12" o.c.	1/2" DIA. A.B. AT 12' o.c. 3/8" DIA. x 6" LONG LAG SCREWS AT 8' o.c.

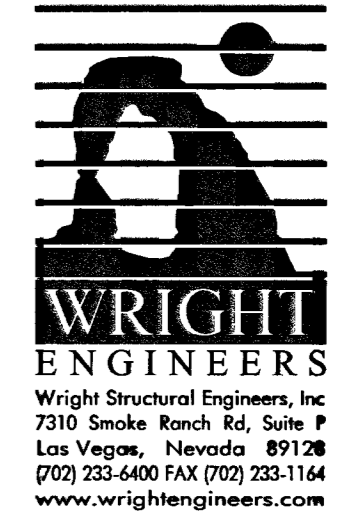
WESTAR
 ARCHITECTURAL GROUP, / NEVADA INC.
 LAS VEGAS • PHOENIX
 ARCHITECTURE • PLANNING • PROJECT MANAGEMENT
 3900 MEADOWS LANE SUITE 220 LAS VEGAS, NEVADA 89107
 TELEPHONE: (702) 878-0000 FAX: (702) 878-8430

**A FACILITY IMPROVEMENT FOR
 FIRE STATION 2**
 LAS VEGAS, NEVADA

NUMBER	REVISION DESCRIPTION	DATE
1	FIELD REVISION	4/11/02
2	FIELD REVISION	3/26/03
3	AS-BUILT CORRECTIONS	5/2/03
4		
5		
6		
7		

PROJECT NUMBER	2F-286
DRAWN BY	JLJ
CHECKED BY	SNJ
ISSUE DATE	SEPT. 12, 2001
SCALE	1/4"=1'-0"
SHEET NUMBER	630.99
	S2.0

RECORD DRAWINGS
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05/07/03