GENERAL NOTES – CONCRETE

1. REINFORCEMENT. Except as otherwise shown or specified, reinforcing steel shall be deformed steel in accordance with the American Iron and Steel Institute Specifications. The strength values shown are for smooth bars. The use of ribbed bars will result in a maximum increase of 25% above the values shown.

2. CONCRETE MIX. Concrete shall be made of Portland cement, a suitable aggregate and water according to the following proportions:

- Portland cement: 1 part by weight
- Fine aggregate: 2 parts by weight
- Coarse aggregate: 3 parts by weight

Water/cement ratio shall be 0.40. The slump of the concrete shall be within the range of 3 to 5 inches. The concrete shall be placed and worked in accordance with recognized practices and shall be cured in accordance with Section 8.14.3.1.4.5.2 of the International Building Code.

GENERAL REQUIREMENTS

1. CONSTRUCTION. Design and construction of the Building shall comply with the Uniform Building Code. The Contractor shall submit shop drawings, shop plans, and shop calculations to the Owner for review and approval before work is started.

2. MATERIALS. All materials in the Building shall be of approved design, quality, and durability. All materials shall conform to the latest editions of the Uniform Building Code. The Contractor shall ensure that all materials are of the quality and durability specified in the Contract.

3. WORKMANSHIP. All work shall be performed in accordance with the Uniform Building Code and the International Building Code. The Contractor shall ensure that all work is performed in a workmanlike manner and that all materials are installed in accordance with the specifications.

4. GENERAL CONSTRUCTION. All work shall be performed in accordance with the Uniform Building Code and the International Building Code. The Contractor shall ensure that all work is performed in a workmanlike manner and that all materials are installed in accordance with the specifications.

5. INSPECTION. The Contractor shall ensure that all work is performed in a workmanlike manner and that all materials are installed in accordance with the specifications. The Owner shall have the right to inspect the work at any time during the course of the construction.
LEGEND

- New stud wall framing
- Existing stud wall to be demolished
- Existing/new partition framing
- Existing stud wall to receive structural reinforcement

ROOF FRAMING IMPROVEMENT PLAN
**KEYED NOTES - STRUCTURAL SECTIONS**

**Note:** In addition to the keyed notes, see the GENERAL NOTES on Sheet S-1.0 for additional requirements.

1. Existing stud wall / floor framing system. Remove as required for improvements and finish to match existing.
2. Existing concrete rib.
3. Steel strapping as noted below. Weld strapping to steel support using fillet welds at bottom contact line.
4. First Floor: 6" x 16 gage strapping, each face of wall
   
5. Second Floor: 3" x 16 gage strapping, each face of wall
   
6. Third Floor: 3" x 16 gage strapping, one face of wall

9. New 2x4 stud framing & 16" o/c max as required due to demo.
10. Butt vertical framing at ends of sheared as shown. Connect to each other using 1-16 common nails.

8. Remove existing homasote directly beneath new plate anchors as required.

9. New 2x4 vertical as shown on both sides of truss. Cut as required for a snug fit between framing above and below truss. Connect to top and bottom chords of truss using 3/4" diameter epoxy anchors. Anchors shall be embedded 3" into foundation and spaced 12" o/c center.

12. Steel channel from 3/8" plate. Channel is 3-1/2" wide, 6" long and 15" deep. Channel channel to concrete foundation using 1" diameter epoxy anchors. Anchors shall be embedded 5" into foundation and spaced 12" o/c center.

10. Steel channel from 1/4" plate. Channel is 3-1/2" wide, 6" long and 15" deep.

11. (3):x1/4"x3/8" required to bottom chord of truss through wall plate with 2 = 3/4" diameter lag bolts spaced at 6" o/c center.

**NOTE:** Wood columns not shown for clarity. Where shown on plan, provide new wood column with sheath as shown on sections A and B on this sheet.

**SUNPORT PLAZA APARTMENT IMPROVEMENTS**

**STRUCTURAL SECTIONS**

S-3.0
KEYED NOTES - STRUCTURAL SECTIONS

Note: In addition to the keyed notes, see the GENERAL NOTES on Sheet S-1-4 for additional requirements.

1. Existing stud wall / floor framing system. Damaged as required for improvements and blocks to match existing.

2. Remove sheathing on exterior portion of wall to extents shown. Where sheathing is not visible, remove full 3'-0" thick layer as shown.

3. Provide 2" blocking left flat against existing wall plates. Connect to blocking using 2 - 5/16" through bolts at 12" on center.

4. Simpson connector model # PM02-5253.

5. Simpson connector model # PM55-5253.

6. 1/2" diameter threaded rod with double nuts each end.

7. Double 2x4 vertical as shown. Cut as required for a snug fit between framing members and below floor line.

8. 1/2" or 5/8" expansion anchors spaced at 12" on center. Provide quantity as shown.

9. 5/8" diameter threaded rod set into existing footing and grouted with epoxy grout.

10. Remove sheathing on interior face of wall to extents shown. Block all edges of sheathing and connect to studs using 10d common nails spaced at 4" on center around panel perimeters and at 12" on center at intermediate supports.

11. Common nails spaced at 6" on center around intermediate supports.

12. Common nails spaced at 12" on center around panel perimeters.

13. Common nails spaced at 12" on center.

SUNPORT PLAZA
APARTMENT IMPROVEMENTS

S-3.2

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10 S-2.0
SCALE: 1/2" = 1'-0"

CONCRETE - GRADE BEARING COAMING CONSTRUCTION ORDER FORM

NOTE: IF CONTRACTOR'S OPTION JOINTS MAY BE CREATED BY SAWING 1'-0" WIDE, 4'-2" DEEP V Grooves in Slab. Cut must be made within 12 hours of completion of slab finishing operations. If joints are made by sawing, lengthened portion of slab may be eliminated.

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