GENERAL NOTES:

1. DESIGN LOADS SHALL BE CONFIGURED USING INTERNATIONAL BUILDING CODE (IBC) 2009 EDITION, AND ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES.

   A. SNOW LOAD DESIGN:
      - GROUND SNOW LOAD: 20 psf (SNOW)
      - ROOF SNOW LOAD: 20 psf (SNOW)
      - FLOOR SNOW LOAD: 20 psf (SNOW)
      - BASEMENT WALL LOAD: 25 psf

   B. WIND LOAD DATA:
      - BASIC WIND SPEED: 100 MPH
      - TOPOGRAPHIC FACTOR: 1.0
      - WIND PRESSURE FACTOR:
        - Positive Pressure: 0.6
        - Negative Pressure: 0.4

   C. EARTHQUAKE DESIGN DATA:
      - OCCUPANCY CATEGORY: R
      - IMPORTANCE FACTOR: 1.0
      - SITE CLASS: C
      - S1: 0.216

   D. DESIGN LOADS: FLOOR & ROOF SLAB:
      - LOAD: 45 psf (SNOW)
      - FLOOR: 1.5 psf (SNOW)
      - ROOF: 1.0 psf (SNOW)

2. EXCAVATION/FILL DETAIL:

   A. FILL PLACED UNDER BUILDING SLABS SHALL BE NON-EXPANSIVE AND SHALL BE GLUED TO CONCRETE AT THE BASE OF REQUIRED EXCAVATION WHICH IS TO RECEIVE FILL SHALL BE FREE OF FREEZING, DE-ICERS) 4,000 P.S.I. MIX TYPE D.

   B. REINFORCEMENT DETAILING AND PLACEMENT SHALL CONFORM TO ACI 318 AND ACI 315, EDITION, AND ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES.

   C. EXPOSURE:
      - DEAD LOAD
        - FLOOR: 20 psf (SNOW)
        - ROOF: 25 psf
      - LIVING LOAD: 15 psf
      - WIND LOAD: 15 psf

   D. FOUNDATIONS:
      - DESIGN FOUNDATION BEARING PRESSURE (NET) 1500 PSF DEAD + LIVE LOAD INCREASED TO 2000 PSF.

   E. FOUNDATION WALLS:
      - MIX TYPE: Type B

   F. FLOOR & ROOF PLATES:
      - MIX TYPE: Type D

   G. FOUNDATION WALLS:
      - MIX TYPE: Type A

   H. INTERIOR SLABS ON GRADE:
      - MIX TYPE: Type E

   I. INTERIOR STRUCTURAL BEAMS
      - MATERIAL: Douglas Fir-Larch Standard, Utility, Construction or Better

   J. EXTERIOR BEAMS
      - MATERIAL: Douglas Fir-Larch Standard, Utility, Construction or Better

   K. EXTERIOR CONCRETE (NOT EXPOSED TO FREEZING) 3,000 P.S.I. MIX TYPE A

   L. INTERIOR CONCRETE (NOT EXPOSED TO FREEZING) 3,000 P.S.I. MIX TYPE A

   M. EXTERIOR CONCRETE EXPOSED TO FREEZING 4,000 P.S.I. MIX TYPE D

   N. FLOOR AND ROOF JOISTS:
      - MATERIAL: Msr 1650F 1.5E or Better

   O. ROOF TRUSSED RAFTERS:
      - MATERIAL: Hem Fir 1.5E or Better

   P. POSTS AND TIMBERS:
      - MATERIAL: Southern Pine #2 or Better

   Q. HEADERS BEAMS:
      - MATERIAL: Douglas Fir-Larch #2 or Better

   R. STUDS:
      - MATERIAL: Southern Pine Standard, Utility, Construction or Better

   S. BEAMS:
      - MATERIAL: Southern Pine Standard, Utility, Construction or Better

   T. MINIMUM COVER (IN.):
      - 2'-0" MINIMUM COVER:
        - 2x4's: 1 1/2" E
        - 2x6's & LARGER: 2 1/2" E
      - 1'-0" MINIMUM COVER:
        - 2x4's: 3/4" E
        - 2x6's & LARGER: 1 1/2" E

   U. CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT EXCEPT WHERE OTHERWISE INDICATED.

   V. STEEL BARS SHOWN ON DRAWING TO BE FIELD BENT. ALL OTHER BARS.

   W. IMPORTANCE FACTOR:
      - BUILDING CLASSIFICATION:
        - II
      - EXTERIOR STRUCTURAL BEAMS
        - STUD STEEL:
          - MATERIAL: Structural Steel Bar
        - STUD STEEL:
          - MATERIAL: Structural Steel Bar

   X. IMPORTANCE FACTOR:
      - BUILDING CLASSIFICATION:
        - II
      - EXTERIOR STRUCTURAL BEAMS
        - STUD STEEL:
          - MATERIAL: Structural Steel Bar

   Y. IMPORTANCE FACTOR:
      - BUILDING CLASSIFICATION:
        - II
      - EXTERIOR STRUCTURAL BEAMS
        - STUD STEEL:
          - MATERIAL: Structural Steel Bar

   Z. IMPORTANCE FACTOR:
      - BUILDING CLASSIFICATION:
        - II
      - EXTERIOR STRUCTURAL BEAMS
        - STUD STEEL:
          - MATERIAL: Structural Steel Bar

3. DESIGN LOADS SHALL BE CONFIGURED TO THE REQUIREMENTS OF ASHRAE 90.1 & ASHRAE 90.6.

4. UNLESS NOTED OTHERWISE, LAP SPliced OR EMBEDMENT LENGTHS SHALL CONFORM TO ACI 318, EDITION, AND ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES.

5. UNLESS NOTED OTHERWISE, CONCRETE COVER OVER STEEL REINFORCEMENT SHALL CONFORM TO THE MINIMUMS REQUIRED BY CURRENT ADDITION OF ACI 318.

6. UNLESS NOTED OTHERWISE, LAYER SPliced OR EMBEDMENT LENGTHS SHALL CONFORM TO ACI 318, EDITION, AND ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES.

7. COVER: UNLESS OTHERWISE NOTED OR DETAILED, THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT EXPOSURE:

   A. PERMANENTLY EXPOSED TO WEATHER:
      - 2'-0" MINIMUM COVER:
        - 2x4's: 1 1/2" E
        - 2x6's & LARGER: 2 1/2" E
      - 1'-0" MINIMUM COVER:
        - 2x4's: 3/4" E
        - 2x6's & LARGER: 1 1/2" E

   B. CONCRETE EXPOSED TO EARTH OR WEATHER:
      - 2'-0" MINIMUM COVER:
        - 2x4's: 1 1/2" E
        - 2x6's & LARGER: 2 1/2" E
      - 1'-0" MINIMUM COVER:
        - 2x4's: 3/4" E
        - 2x6's & LARGER: 1 1/2" E

   C. CONCRETE CAST AGAINST AND OR IN CONTACT WITH GROUND:
      - 2'-0" MINIMUM COVER:
        - 2x4's: 1 1/2" E
        - 2x6's & LARGER: 2 1/2" E
      - 1'-0" MINIMUM COVER:
        - 2x4's: 3/4" E
        - 2x6's & LARGER: 1 1/2" E

   D. CONCRETE NOT EXPOSED TO WEATHER:
      - 2'-0" MINIMUM COVER:
        - 2x4's: 1 1/2" E
        - 2x6's & LARGER: 2 1/2" E
      - 1'-0" MINIMUM COVER:
        - 2x4's: 3/4" E
        - 2x6's & LARGER: 1 1/2" E
1. PRIOR TO CONCRETE FOOTING POURS
2. VISITS HAVE BEEN MADE AND IDENTIFY ANY REPORTED DEFICIENCIES THAT TO THE BEST OF THE
3. SITE VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE.
4. AT THE CONCLUSION OF THE PROJECT, THE SPECIALTY STRUCTURAL ENGINEER’S ‘SSE’ SHOP DRAWINGS (COMPONENT DESIGN DRAWINGS) IS FOR
5. THE INSPECTOR SHALL DETERMINE THAT IN THE PLACE DYRTHYGH OF THE ENERGED FILL MATERIAL, FILL MATERIAL
6. THE INSPECTOR SHALL VERIFY THE BIDDER FACILITY TO COMPLAINE FROM CONFORMITY WITH THE PROJECT PLANS AND
7. MIXTURE SHALL BE SUBMITTED AS COMPLAINE FROM CONFORMITY WITH THE PROJECT PLANS AND
8. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR PRIOR TO PROCEEDING WITH THE WORK.
9. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR PRIOR TO PROCEEDING WITH THE WORK.
**REBAR TYPICAL LAPS & NOTES**

1. LENGTHS SHOWN CONFORM WITH NON-SEISMIC PROVISIONS OF ACI 318-95 FOR UNCOATED BARS NOT ENCLOSED BY CLOSELY SPACED DIAMETERS OR TIES. DEVELOPMENT OF REINFORCEMENT NOT COVERED BY THE TABLE SHALL CONFORM WITH ACI 318-95.

2. MULTIPLY LENGTHS SHOWN BY 1.5 FOR LIGHTWEIGHT AGGREGATE CONCRETE.

3. MULTIPLY LENGTHS SHOWN BY 1.3 FOR NON-SEISMIC PROVISIONS OF ACI 318-95.

4. HOOK LENGTH GIVEN IS THE STRAIGHT LINE DISTANCE FROM THE LOCATION OF MAXIMUM STRESS IN THE BAR TO THE OUTSIDE END OF THE HOOK. MULTIPLY LENGTHS GIVEN BY 1.0 FOR HOOKS WITH SIDE COVER NORMAL TO THE HOOK NOT LESS THAN 1-1/2 INCH AND FOR 90 DEGREE HOOKS COVERED ON BAR EXTENSION BEYOND HOOK NOT LESS THAN 1-1/2 INCH.

5. BAR DIAMETER = ANCHOR BOLT DIAMETER (NOMINAL). HOOK DIAMETER = ANCHOR DIAMETER, UNO. PER PLAN.

6. TOP BARS ARE HORIZONTAL REINFORCEMENT PLACED SO THAT MORE THAN 2-1/2 INCH AND FOR 90 DEGREE HOOKS COVER ON BAR EXTENSION.

7. MULTIPLY LAP AND EMBEDMENT LENGTHS GIVEN BY 1.3 FOR LIGHTWEIGHT AGGREGATE CONCRETE.

8. CONTRACTOR MAY SELECT Appropriate CAST-IN-PLACE ANCHOR BOLT OPTION WITHOUT SUBMITTAL.

9. CONTRACTOR SHALL DETERMINE THE REQUIRED THREAD PROJECTION SUITABLE FOR THE THICKNESS OF MATERIAL BEING FASTENED PLUS GROUT ALLOWANCE. IF ANY, AND CONSTRUCTION TOLERANCES, UNO.

10. MULTIPLY LAP AND EMBEDMENT LENGTHS SHOWN APPLY WHEN MINIMUM CONCRETE COVER IS CAST BELOW THE REINFORCEMENT.

11. MULTIPLY LAP AND EMBEDMENT LENGTHS GIVEN BY 2.0 FOR BARS WITH CLEAR SPACING OF TWO BAR DIAMETERS OR LESS OR CONCRETE COVER OF ONE BAR DIAMETER OR LESS.

12. MINIMUM CONCRETE IS CAST BELOW THE REINFORCEMENT.

**REBAR TYPICAL BEND DETAILS**

**ROOF & FLOOR TRUSS PROFILES**

**NOTES FOR TABLE A**

1. CONTRACTOR MAY SELECT Appropriate CAST-IN-PLACE ANCHOR BOLT OPTION WITHOUT SUBMITTAL.

2. CONTRACTOR SHALL DETERMINE THE REQUIRED THREAD PROJECTION SUITABLE FOR THE THICKNESS OF MATERIAL BEING FASTENED PLUS GROUT ALLOWANCE. IF ANY, AND CONSTRUCTION TOLERANCES, UNO.

3. CONTRACTOR MAY SELECT Appropriate CAST-IN-PLACE ANCHOR BOLT OPTION WITHOUT SUBMITTAL.

4. DRILL-IN OPTIONS ARE NOT APPROPRIATE AT ALL CONDITIONS. IF DRILL-IN METHOD IS PREFERRED, SUMIT MANUFACTURER'S INFORMATION. ALLOWABLE LOAD VS. EMBEDMENT DATA AND LOCATIONS OF VARIABLE SUBSTITUTIONS ARE REQUESTED. ENGINEER WILL DETERMINE AND APPROPRIATE FOR LOCATION AND LOADING.

5. EMBEDMENT OF DRILL-IN ANCHORS SHALL BE PER ENGINEER'S SUBMITTAL. REVIEW COMMENTS. EMBEDMENT SHALL BE NOT MORE THAN THE NOMINAL ANCHOR DIAMETER, UNO.

6. AT PRESSURE TREATED SHELDS, PROVIDE HOT DIPPED GALVANIZED OR STAINLESS STEEL ANCHORS.
**General Notes**

**F1.** REFER TO CIVIL DRAWINGS FOR FINISH GRADE ELEVATIONS UNLESS OTHERWISE NOTED.

**F2.** OVER-ELEVATION OF SOIL REMOVED BELOW FOOTINGS SHALL BE REPLACED AND COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318, PARAGRAPH 6.3.

**F3.** INTERIOR CONCRETE SLABS ON GRADE, UNLESS OTHERWISE NOTED, SHALL BE REINFORCED WITH 0.025" MINIMUM WIRE FABRIC Mats AS FOLLOWS: 3' - 6" x 6' - 0" x 9".4

**F4.** ELECTRIC CONDUIT AND OTHER PIPES EMBEDDED IN THE CONCRETE SHALL BE PLACED IN ACCORDANCE WITH THE RECOMMENDATIONS OF ACI 318, PARAGRAPH 6.3.

**F5.** SOIL CONFINEMENT SHALL BE TO 50% MODIFIED PROCTOR DENSITY.

**F6.** LOCATE ALL SLEEVES, DRAINS, CORDS, EMBEDDED ITEMS, ETC. AS MARKED ON PLAN. USE ONE (1) 2" DIAM. HANGER & ONE (1) 2" HOLLOW STUD FOR OPENINGS UP TO 6.0'. USE TWO (2) 2" HOLLOW STUDS FOR OPENINGS OVER 6.0'.

**F7.** PERIMETER PIERs MAY BE COMBINED WITH THE WALL, BUT SPECIFIED REINFORCEMENTS IS IN ADDITION TO THE WALL REINFORCEMENT.

**F8.** G.C. SHALL COORDINATE ALL UNDER-SLAB PIPING AND ELECTRICAL CONDUIT LOCATIONS & INSTALLATIONS WITH PLUMBING, MECHANICAL AND ELECTRICAL PLANS PRIOR TO FLOWING OF CONCRETE SLAB.

**F9.** SEE SHEET S-001 THRU S-003 FOR ADDITIONAL NOTES AND LEGEND.

**Keyed Notes**

1. OUTLINE OF CONCRETE FOUNDATION & FOOTING BELOW GRADE. SEE FOUNDATION PLAN & DETAILS FOR INFORMATION.

2. OUTLINE OF CONCRETE SLAB & PIER BELOW FINISHED SLAB. SEE CONCRETE PLACING & FINISHING PLAN & DETAILS FOR INFORMATION.

3. SAWN CONTROL JOINT. C.C. SHALL BE A MINIMUM 12'-0" O.C. EACH WAY.

4. SEE MECHANICAL DRAWINGS FOR DRAIN LOCATIONS, COORD. ALL U.G. PIPING WORK. ELEVATIONS, W. H.C. PRIOR TO SLAB POUR.

5. ANCHOR BOLTS ARE TO BE PUNCHED PER DETAIL S-501. SEE COLUMN SCHEDULE FOR BASE-PLATE DETAIL & SCHEDULES, THIS SHEET.

6. PROVIDE THICKENED SLAB UNDER LOAD-BEARING WALLS AS INDICATED BY DETAIL 2. S-001. WIDTH & REINFORCING AS SCHEDULED.

7. EXTERIOR CONCRETE SLAB-ON-GRADE. SEE CIVIL DRAWINGS.

8. EXTERIOR CONCRETE SLAB-ON-GRADE WALL. SEE CIVIL DRAWINGS.

9. EXTERIOR CONCRETE SLAB-ON-GRADE WALL. SEE CIVIL DRAWINGS.

**Legend**

- **RETAINING WALL**
- **GRID LINE**
- **CONTROL JOINT**
- **ARCH W/CUT**
- **BLOCK CONCRETE CURB**
- **FOOTING CONCRETE**
- **COLUMN PILE**
- **SLEEVE**
- **SLEEVE CONCRETE**
- **SLEEVE CONCRETE**
- **CONCEALED JOINT**
- **REINFORCEMENT**
- **STAIR CONCRETE**
- **Bench U.N.O. SHALL BE 1"**
- **JOIST HANGER**

DEMONSTRATES TRUSC LOCATION TYPE

**Control Notes**

1. PRE-MANUFACTURED WOOD TRUSSES SEE S-003. SHEET S-003 THRU S-006 FOR ADDITIONAL NOTES AND LEGEND.

2. FLOOR FRAMING SHALL BE 2" X 8" X 40' SEE DETAILS AND SHEET S-001.

3. WALL FRAMING SHALL BE 2" X 8" X 12' SEE DETAILS AND SHEET S-001.

4. COLUMNS SHALL BE DOUBLE STUD MINIMUM OR AS MARKED ON PLAN. BEAR BEAR JOINTLY ON COLUMN.

5. CONTRACTOR TO COORDINATE ALL ROOF PENETRATIONS WITH MECHANICAL, ELECTRICAL AND ARCH. DRAWINGS PRIOR TO CONSTRUCTION.

6. CONTRACTOR TO PROVIDE CONCRETE PUMP TO PLACE CONCRETE.

7. CONTRACTOR TO PROVIDE DRAINAGE SYSTEM TO DRAIN WATER AWAY FROM BUILDING.

8. CONTRACTOR TO PROVIDE DRAINAGE SYSTEM TO DRAIN WATER AWAY FROM BUILDING.

**References**

- **BID SET 6/17/2013**
- **THOMAS GIFFORD ARCHITECT PO BOX 31934 SANTA FE, NEW MEXICO 87594 PHONE 505.690.5898 FACSIMILE 505.982.7884 EMAIL THOMASGIFFORD@COMCAST.NET**

**Sheet Information**

- **S-101**
- **FOUNDATION PLAN - NEW GROUND FLOOR - HT-A**
- **FRAMING PLAN - NEW GROUND FL. - HT-A**
- **ROOF FRAMING PLAN - NEW SECOND FL. - HT-A**

**Scale:** 1/4" = 1'-0"
**General Notes**

1. **F1.** REFER TO CIVIL DRAWINGS FOR FINISH GRADE ELEVATIONS UNLESS OTHERWISE NOTED.
2. **F2.** OVER-DIG IN SOIL REMOVED BELOW FOOTINGS SHALL BE REPLACED AND COMPACTED IN LAYERS TO 95% OF MODIFIED PROCTOR DENSITY.
3. **F3.** INTERIOR CONCRETE SLABS ON GRADE, UNLESS OTHERWISE NOTED, SHALL BE REINFORCED WITH WELDED WIRE FABRIC MATS AS FOLLOWS: 4" SLAB - 4 X 4 W4 X 4V4.
4. **F4.** ELECTRIC CONDUIT AND OTHER PIPES EMBEDDED IN THE CONCRETE FLOOR SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF AC326, PARAGRAPH 6.3.
5. **F5.** SOIL COMPACTION SHALL BE TO 90% MODIFIED PROCTOR DENSITY.
6. **F6.** LOCATE ALL SLEEVES, DRAINS, OPENINGS, EMBEDDED ITEMS, ETC. THAT ARE MARKED ON THE DRAWINGS, RESPONSIBILITY TO ENSURE THAT ALL SUCH ITEMS ARE CORRECTLY LOCATED AND INSTALLED PRIOR TO PLACEMENT OF CONCRETE.
7. **F7.** PERIMETER PIER MAY BE COMBINED WITH THE WALL, BUT SPECIFIED REINFORCING IS IN ADDITION TO THE WALL REINFORCING.
8. **F8.** G.C. SHALL PROVIDE ALL UNDER-SLAB PLUMBING AND ELECTRICAL COLLECTORS, LOCATIONS & INSTALLATION PER PLUMBING, MECHANICAL, AND ELECTRICAL PLANS PRIOR TO THE PLACING OF THE FLOOR SLAB.
9. **F9.** SEE SHEET S-001 THRU S-003 FOR ADDITIONAL NOTES AND LEGEND.

**Keyed Notes**

1. **1.** OUTLINE OF CONCRETE FOUNDATION & FOOTING BELOW GRADE. SEE FOUNDATION PLAN & DETAILS FOR INFORMATION.
2. **2.** OUTLINE OF CONCRETE SLAB & PIER BELOW FINISHED SLAB. SEE FOUNDATION PLAN & DETAILS FOR INFORMATION.
3. **3.** SAWN CONTROL JOINT. C.J. SHALL BE A MAXIMUM 12'-0" O.C. EACH WAY.
4. **4.** SEE MECHANICAL DRAWINGS FOR FLOOR DRAIN LOCATIONS. COORD. ALL U.G. PIPING WORK ELEVATIONS. W/I M.C. PRIOR TO SLAB POUR.
5. **5.** ANCHOR BOLTS ARE TO BE FURNISHED PER DETAILS OR SHEET S-001. SEE COLUMN SCHEDULE FOR BASE PLATE DETAILS AND SCHEDULES, THIS SHEET.
6. **6.** PROVIDE THICKENED SLAB UNDER LOAD-BEARING WALLS AS INDICATED BY DETAIL S-301, WIDTH TO BE ADJUSTED AS NEEDED.
7. **7.** EXTERIOR CONCRETE SLAB-ON-GRADE WALL. SEE CIVIL DRAWINGS.
8. **8.** EXTERIOR CONCRETE SLAB-ON-GRADE FOR MECHANICAL CONDENSER OR FURNACE UNITS. COORDINATE EXACT SIZE, THICKNESS, REINFORCEMENT, CUTOUTS AND LOCATION WITH MECHANICAL CONTRACTOR.

**General Notes**

A. **A.** SEE SHEET S-001 THRU S-003 FOR ADDITIONAL NOTES AND LEGEND.
B. **B.** ROOF AND FLOOR JOISTS FRAMING SHALL BE 9'-0" TO 10'-0" O.C. SEE STRUCTURAL NOTES AND DETAILS FOR CONNECTION REQUIREMENTS.
C. **C.** HEADERS OVER DOOR AND WINDOW OPENINGS SHALL BE 15/32" BIMM OR AS MARKED ON PLAN. SEE ONE INTEGRAL FRAME TRUSS FOR OPENINGS UP TO 10'-0". SEE GENERAL NOTES AND PLAN SCHEDULES FOR ALL OTHER CONDITIONS.
D. **D.** COLUMN SHALL BE DOUBLE STUDS MINIMUM OR AS MARKED ON PLAN. B.E. SHALL BE BENDABLY ON COLUMN.
E. **E.** EXTERIOR WALL STUCCO SHALL BE 24/” 1/4" C.C. FOR PLATE-HEIGHT UP TO 18", SEE WOOD WALL FRAMING DETAILS ON SHEETS S-002, S-004, S-005.
F. **F.** CONTRACTOR TO COORDINATE ALL BUILDING DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
G. **G.** CONTRACTOR TO COORDINATE ALL ROOF PENETRATIONS WITH MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
H. **H.** SEE SHEET S-003 FOR PRE-MANUFACTURED TRUSS PROFILE.
I. **I.** ALL KEYED NOTES MAY NOT BE USED ON THIS SHEET.
**BOTTOM CHORD OF TRUSSES**

- **2 x 4 DOUBLE TOP PLATE**
- **TOP PLATE**

SEE DETAIL 3/S505 FOR BRACING AND NAILING

**2 x STUDS AT 16" O.C. MAX.**

- **16d AT 12" O.C. STAGGERED**
- **TYPICAL**

**NOTE:** PROVIDE THE REQUIRED POST WHERE HOLD-DOWN ANCHOR OCCURS.

- **1 1/2" MIN.**
- **4'-0" MIN. LAP**

- **(10) 16d'S STAGGERED AT EACH SIDE OF TOP PLATE**

**TYPICAL NAILED SPLICE APPLIES WHEN NO OTHER SPLICE IS INDICATED.**

**NOTE:** SEE FLOOR PLAN FOR RISER HEIGHT AND TREAD LENGTH (TYPICAL).

**TYPICAL STUD WALL CONNECTIONS**

- **2 X STRINGERS**

**WOOD STAIR DETAIL**

- **2x STRINGER**

**W/ST. WALL TO BEAM CONN.**

- **3/4" PLYWOOD RISERS WITH (2) 16d RING-SHANK NAILS AT EACH STUD**

**WOOD STAIR DETAIL- CONN. TO WALL**

- **2X TRUSS BLOCKING**
- **WARPS PATTERN SIZE**

**PRE-FABRICATED TRUSS...**

**PRE-MANUFACTURED TRUSS**

**TOTAL DECK, SEE FRAMING PLAN FOR NAILING SCHEDULE**

**1/2" GYPSUM BOARD**

**2X STUDS @ 24" O.C. W/S.T.P & D.B.P**

- **2- 8d @ EACH STUD**

**TOP & BOTTOM TRUSS CORD EXTENSION FOR PARAPET FRAMING**

**2X TRUSS BLOCKING**

**MATCH STUD PARAPET SIZE**

**4~16d NAIL**

- **2~EACH SIDE OF EACH TRUSS**

**EXISTING ROOF JOISTS UPDATE**

**EXISTING ROOF DECKING AND 2X10 ROOF JOISTS**

**MASONRY NOTCHED AT JOISTS**

**FASTEN EACH EXISTING ROOF JOIST TO WALL W/ SIMPSON A35 HANGER AT 32" O.C. STUD TO STRINGER**

**MAX.**

- **2 X TREADS**

- **3/4" PLYWOOD RISERS**

**WOOD STAIR DETAIL- SLAB CONN.**

**WOOD STAIR DETAIL- CONN. TO WALL**

- **1/2" GYPSUM BOARD**

**PREFAB. ROOF TRUSS...**

**SEE DETAIL 3/S505 FOR BRACING AND NAILING**
DIAPHRAGM

FLOOR/ROOF SHEATHING (NAILING)

- Stagger joints as shown.
- Min. size of sheet shall be 4'-0"x4'-0" except at ends.
- Nails shall be driven tight but shall not fracture surface of sheathing.
- Tolerance on nailing: the average nail spacing over any 4'-0" length shall be at least that noted.

FLOOR/ROOF SHEATHING (SCREWS)

- Place 1/2" Structural 1 Sheathing 1/8" Plywood on the bottom of all the second floor levels.
- Stagger joints as shown.
- Min. size of sheet shall be 4'-0"x4'-0" except at ends.
- Nails shall be driven tight but shall not fracture surface of sheathing.
- Tolerance on nailing: the average nail spacing over any 4'-0" length shall be at least that noted.

INTERIOR SHEAR WALLS - NAIL DETAILING

- Stagger joints as shown.
- Min. size of sheet shall be 4'-0"x4'-0" except at ends.
- Nails shall be driven tight but shall not fracture surface of sheathing.
- Tolerance on nailing: the average nail spacing over any 4'-0" length shall be at least that noted.
BACKER BLOCK: ATTACH WITH TEN 10D (3") BOX NAILS, CLINCHED.

BOTH SIDES OF WEB: INSTALL TIGHT TO TOP FLANGE (TIGHT TO BOTTOM FLANGE WITH FACE MOUNT HANGERS). ATTACH WITH TEN 16D (3") BOX NAILS FROM EACH SIDE WITH CLINCH.

FILLER BLOCK: INSTALL TIGHT TO TOP PLATE WITH CONNECTIONS EQUIVALENT TO DECKING SCHEDULE. ATTACH WITH TEN 10D (3") BOX NAILS, CLINCHED WHEN POSSIBLE.

LESS THAN 5" BLOCKING PANEL BETWEEN EACH JOIST. NAIL TO TOP PLATE WITH CONNECTIONS EQUIVALENT TO DECKING SCHEDULE.

ATTACH REINFORCEMENT TO JOIST WITH ONE 8D (2 1/2") COMMON NAIL AT EACH CORNER. 12" LENGTH OF 3/4" REINFORCEMENT ON BOTH SIDES.