

| FASTENING SCHEDULE | | |
|---|--|---|
| CONNECTION | FASTENER | NUMBER OF SPACING |
| JOIST TO BAND JOIST, FACE NAIL | 16d COMMON | 3 |
| JOIST TO SILL OF GIRDER, TOE NAIL | 8d COMMON | 3 |
| BRIDGING TO JOIST, TOE NAIL EACH END | 8d COMMON | 2 |
| LEDGER STRIP | 16d COMMON | 3 AT EACH JOIST |
| 1X6 OF LESS SUBFLOOR TO EACH JOIST, FACE NAIL | 8d COMMON | 2 |
| OVER 1X6 SUBFLOOR TO EACH JOIST, FACE NAIL | 8d COMMON | 3 |
| 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL | 16d COMMON | 2 |
| SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL | 16d COMMON | 16" O.C. |
| TOP OR SOLE PLATE TO STUD, END NAIL | 16d COMMON | 2 |
| STUD TO SOLE PLATE, TOE NAIL | 8d COMMON | 4 |
| DOUBLE STUDS, FACE NAIL | 10d COMMON | 24" O.C. |
| DOUBLE TOP PLATES, FACE NAIL | 10d COMMON | 16" O.C. |
| TOP PLATES, LAP AND INTERSECTIONS FACE NAIL | ----- | 2-16d OR 3-10d COMMON |
| CONTINUOUS HEADER, TWO PIECES | 16d COMMON | 16" O.C. ALONG EACH EDGE |
| CEILING JOIST TO PLATE, TOE NAIL | 8d COMMON | 3 |
| CONTINUOUS HEADER TO STUD, TOE NAIL | 8d COMMON | 3 |
| CEILING JOIST, LAPS OVER PARTITIONS, FACE NAIL | ----- | 3-16d OR 4-10d COMMON |
| CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL | ----- | 3-16d OR 4-10d COMMON |
| RAFTER TO PLATE, TOE NAIL | 8d COMMON | 3 |
| 1-INCH BRACE TO EACH STUD AND PLATE, FACE NAIL | 8d COMMON | 2 |
| 1X8 OR LESS SHEATHING TO EACH BEARING, FACE NAIL | 8d COMMON | 2 |
| OVER 1X8" SHEATHING TO EACH BEARING, FACE NAIL | 8d COMMON | 3 |
| BUILD-UP CORNER STUDS | 16d COMMON | 24" O.C. |
| BUILD-UP GIRDERS AND BEAMS, OF THREE MEMBERS | 20d COMMON | 32" O.C. AT TOP AND BOTT. AND STAGGERED 2 ENDS AT EACH SPLICE |
| CONNECTION | FASTENER | NUMBER OF SPACING |
| 2-INCH PLANKS | 16d COMMON | 2 EACH BEARING |
| STUDS TO SOLE PLATE, END NAIL | 16d COMMON | 2 EACH END |
| WOOD STRUCTURAL PANEL AND PARTICLEBOARD SUBFLOORING | | |
| 15/32", 1/2" | 16d COMMON, ANNULAR OR SPIRAL THREAD | 6" O.C. EDGES AND 12" O.C. EDGES AND |
| 19/32"- 3/4" | 8d COMMON OR 6d ANNULAR OR SPIRAL THREAD | 6" O.C. EDGES AND 12" O.C. EDGES AND |
| 1", 1 1/8" | 10d COMMON OR 8d ANNULAR OR SPIRAL THREAD | 6" O.C. EDGES AND 6" O.C. EDGES AND |
| 15/32", 1/2" | 16 GA. GALVANIZED WIRE STAPLES | 4" O.C. EDGES AND |
| 19/32", 5/8" | 3/8" MINIMUM CROWN 1 5/8" LENGTH 16 GA. GALVANIZED WIRE STAPLES | 7" O.C. EDGES AND 2 1/2" O.C. EDGES AND |
| | 3/8" MINIMUM CROWN 1 5/8" LENGTH | 4" O.C. EDGES AND |
| WOOD STRUCTURAL PANEL AND PARTICLEBOARD ROOF AND WALL SHEATHING | | |
| 1/2" OR LESS | 6d COMMON | 6" O.C. EDGES AND 12" O.C. EDGES AND |
| 19/32" OR GREATER | 8d COMMON | 6" O.C. EDGES AND 12" O.C. EDGES AND |
| 5/16" - 1/2" | 16 GA. GALVANIZED WIRE STAPLES | 4" O.C. EDGES AND |
| 19/32" - 3/4" | 3/8" MIN. CROWN LENGTH OF 1" PLUS WOOD STRUCTURAL PANEL OF PARTICLEBOARD THICKNESS | 8" O.C. EDGES AND |
| | 16 GA. GALVANIZED WIRE STAPLES | 2" O.C. EDGES AND |
| | 3/8" MIN. CROWN LENGTH OR 1" PLUS WOOD STRUCTURAL PANEL OR PARTICLEBOARD THICKNESS | 5" O.C. EDGES AND |
| GYPBOARD SHEATHING | | |
| 1/2" | 11 GA. 1-1/2" GALVANIZED | 4" O.C. EDGES |
| 5/8" | 7/16" HEAD | 8" O.C. AT OTHER BEARINGS |
| | 11 GA. 1-1/2" GALVANIZED | 4" O.C. EDGES |
| | 7/16" HEAD | 8" O.C. AT OTHER BEARINGS |
| GYPBOARD WALLBOARD | | |
| 1/2" | 1-3/8" DRYWALL NAIL | 7" O.C. CEILINGS |
| 5/8" | | 8" O.C. ON WALLS |
| | 1-1/2" DRYWALL NAIL | 7" O.C. CEILINGS |
| | | 8" O.C. ON WALLS |

FOUNDATION AND SLAB-ON-GRADE

- FOUNDATIONS ARE DESIGNED TO BEAR ON RESIDUAL SOIL OR COMPACTED FILL WITH AN ALLOWABLE BEARING CAPACITY OF 2000 PSF. BEARING CAPACITY MUST BE VERIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO CONCRETE PLACEMENT. IF SOIL TEST DISCLOSES A LESSER BEARING CAPACITY, THIS FOUNDATION SYSTEM IS VOID AND MUST BE RE-DESIGNED.
- FILL SOILS SHALL HAVE COMPACTION TEST PERFORMED BY A GEOTECHNICAL ENGINEER.
- SOILS UNDER FOOTING ARE TO BE COMPACTED TO 98% OF THE STANDARD PROCTOR DENSITY; SOILS UNDER SLABS TO BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- SLAB CONSTRUCTION JOINTS SHALL BE USED IN PLACE OF CONTROL JOINTS WHERE NEEDED TO INTERRUPT A CONTINUOUS POUR. SLAB CONSTRUCTION JOINTS SHALL BE KEYS.
- PLACEMENT OF WELDED WIRE MESH IN SLAB, WHERE SPECIFIED, SHALL BE AT A CONSISTENT DEPTH OF 1" TO 2" FROM TOP OF SLAB. OVERLAP EACH REINFORCING SHEET TWO FULL PANELS AND TIE CROSS WIRES ON EACH SIDE.
- REFER TO ARCHITECTURAL/MECHANICAL FOR SLAB FINISHES, SLAB DEPRESSIONS, ELEVATIONS, AND ENCASED OR EMBEDDED ITEMS.
- PLUMBING AND ELECTRICAL CONDUITS SHALL BE PLACED BELOW THE SLAB AND NOT WITHIN THE SLAB. VERTICAL PENETRATIONS ARE ALLOWED.
- SLAB-ON-GRADE CONTROL JOINTS SHALL BE SAWN 1/8" WIDE X 1" DEEP WITHIN 24 HOURS OF CONCRETE POUR AND SHALL BE LOCATED AT COLUMN GRIDS. MAXIMUM AREA WITHIN CONTROL JOINTS SHALL BE 400 SQ. FT. OR LESS.

REINFORCED CONCRETE

- ALL CONCRETE WORK SHALL CONFORM TO ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", LATEST EDITION. DESIGN IS BASED ON ACI 318-99, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
- USE OF CALCIUM CHLORIDE, CHLORIDE IONS, OR OTHER SALTS IN CONCRETE IS NOT PERMITTED.
- NO ADDITIONAL WATER SHALL BE ADDED TO THE CONCRETE AT THE JOB SITE.
- CONCRETE COMPRESSIVE STRENGTH TEST RESULTS SHALL BE AVAILABLE AT THE JOB SITE.
- SUBMIT CONCRETE TEST PERFORMED BY AN ACI CERTIFIED TESTING LABORATORY FOR SEVEN AND TWENTY-EIGHT DAY CONCRETE TEST CYLINDER BREAKS.
- SAMPLES FOR CONCRETE STRENGTH TESTS SHALL BE TAKEN ONCE FOR EACH 150 CY OF CONCRETE AND/OR ONCE FOR EACH 5000 SF OF SURFACE AREA FOR WALLS OR SLABS.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
- WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A185.
- WHERE THE LENGTH OF A BAR IS GIVEN AND IT IS TO BE HOOKED, THE HOOK SHALL BE IN ADDITION TO THE LENGTH GIVEN.
- MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS SHALL BE CHECKED FOR EMBEDDED ITEMS AND PENETRATIONS PRIOR TO CONCRETE PLACEMENT
- ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE MINIMUM CONCRETE STRENGTHS OF 3,000 PSI

STRUCTURAL STEEL

- FABRICATION AND ERECTION OF STEEL SHALL CONFORM TO AISC MANUAL OF STEEL CONSTRUCTION, NINTH EDITION.
 - ALL STEEL SHALL HAVE ONE COAT OF STANDARD SHOP PRIMER. TOUCH UP ALL STRUCTURAL STEEL AFTER ERECTION WITH SAME PRIMER.
 - WELDING SHALL BE BY A QUALIFIED WELDER USING E70XX ELECTRODES AND IN ACCORDANCE WITH AWS D1.1.
 - PROOF OF WELDERS CERTIFICATE SHALL BE AVAILABLE AT THE JOB SITE.
 - PACK UNDER BASE PLATES WITH NON-SHRINK, SELF-LEVELING GROUT (5,000 PSI) AFTER SETTING AND LEVELING.
 - ALL CONNECTIONS SHALL CONSIST OF ONE BOLT, ONE WASHER AND ONE NUT. NO SLOTTED HOLES ALLOWED UNLESS NOTED OTHERWISE.
- MATERIALS**
 ASTM A992, Fy=50 KSI FOR W SHAPES
 ASTM A36, PLATES AND ANGLES
 ASTM A500, GRADE B, Fy=46 KSI FOR STRUCTURAL TUBING.
 ASTM A501, Fy=36 KSI FOR PIPES.
 ASTM A307, GRADE B FOR ANCHOR BOLTS.
 ASTM A325, THREADS INCLUDED FOR BOLTS.

GENERAL NOTES

- ALL DESIGN AND CONSTRUCTION IS BASE ON AND SHALL BE IN ACCORDANCE WITH THE STANDARD BUILDING CODE 2000 EDITION WITH GEORGIA AMENDMENTS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES IN ORDER TO COMPLY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.
 - DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. FOR DETAILS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.
 - VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE STARTING WORK. NOTIFY STRUCTURAL ENGINEER OF ANY DISCREPANCY.
 - NOTIFY STRUCTURAL ENGINEER IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTIONARY TO THOSE SHOWN ON THE STRUCTURAL CONTRACT.
 - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. THE STRUCTURAL ELEMENTS ARE NOT STABLE UNTIL THE STRUCTURE IS COMPLETE.
- DESIGN LOADS:
 ROOF
 CEILING & MECH-----10 PSF
 ROOFING-----10 PSF
 LIVE LOAD-----20 PSF

WIND DESIGN
 WIND SPEED-----90 MPH
 IMPORTANCE FACTOR-----Iw=1.0
 WIND EXPOSURE CATEGORY-----B

WOOD NOTES

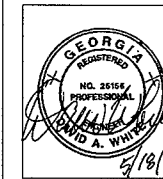
- WOOD CONSTRUCTION SHALL CONFORM TO THE NFPA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION.
- STUDS SHALL BE DOUBLE AT ALL CORNERS AND AROUND ALL OPENINGS.
- ALL LUMBER SHALL BE IDENTIFIED BY AN AFFIXED GRADE MARK OF A LUMBER GRADING AGENCY OF INSPECTING AGENCY.
- ALL MISCELLANEOUS WOOD CONSTRUCTION SHALL BE SOUTHERN PINE #2 WITH AN ALLOWABLE BENDING STRESS OF 1,500 PSI AND A MODULUS OF ELASTICITY OF 1,600,000 PSI.
- ALL EXTERIOR WALL SHEATHING SHALL BE 1/2" PLYWOOD.
- ALL ROOF DECKING SHALL BE 1/2" PLYWOOD WITH 10d NAILS AT 6" ALONG EDGES AND 12" ALONG INTERMEDIATE SUPPORTS.
- ALL ROOF TRUSSES SHALL BE ATTACHED TO WALLS WITH SIMPSON H3 HURRICANE TIES AT EACH END.
- ALL ROOF TRUSSES SHALL BE DESIGNED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF GEORGIA AND BEAR HIS SEAL.
- ALL HARDWARE (BOLTS, HANGERS, STRAPS, ETC.) REQUIRED FOR CONNECTION BETWEEN PRE-ENGINEERED TRUSSES SHALL BE DESIGNED AND SPECIFIED BY THE TRUSS DESIGN ENGINEER.
- ALL PRE-ENGINEERED TRUSS SHOP DRAWINGS SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF CONSTRUCTION AND SHALL BEAR INDICATION THEY HAVE BEEN REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
- PRE-ENGINEERED TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TRUSS PLATE INSTITUTES "HANDLING, INSTALLATION AND BRACING METAL PLATE CONNECTED WOOD TRUSSES HB-091".



PEACOCK
architects

2000 RIVEREDGE PARKWAY
SUITE NINE HUNDRED
ATLANTA, GEORGIA 30328
404-214-5200 (PHONE)
404-214-5208 (FAX)

HARBIN CLINIC
SUMMERVILLE MOB
12541 HIGHWAY 27
SUMMERVILLE, GEORGIA 30747



| DATE | REVISION |
|------|----------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

PROJECT NUMBER:
161.05.01
 CAD FILE:
 DATE:
5/18/07
 DRAWING TITLE:
GENERAL NOTES

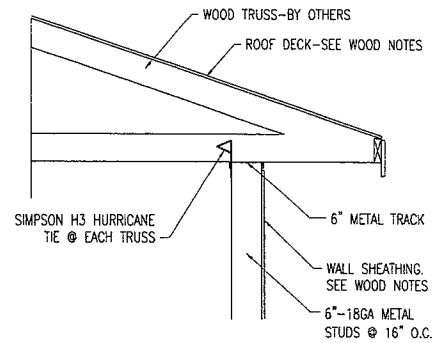
DRAWING NUMBER
S-1

THIS DRAWING AND ANY REPRODUCTIONS ARE THE PROPERTY AND COPYRIGHT OF WHITE ENGINEERING, INC. AND SHALL NOT BE USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF PEACOCK ARCHITECTS, INC.

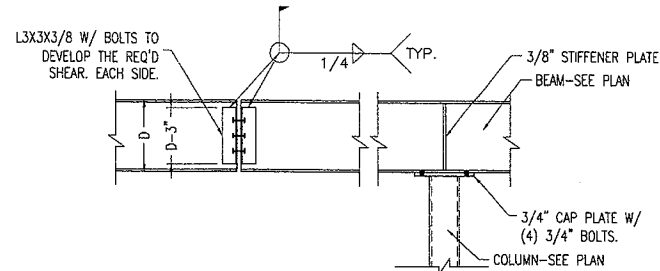
WHITE ENGINEERING
STRUCTURAL ENGINEERS
2436 MUIRFIELD WAY
DULUTH, GEORGIA 30096
PHONE (770) 447-8683
FAX (770) 840-0773

RELEASED FOR CONSTRUCTION

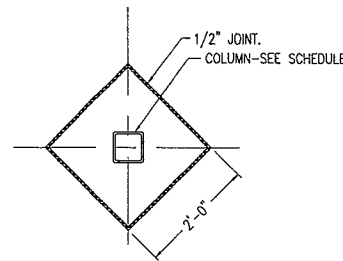
To Order Plans Go To WWW.LDIREPRO.COM



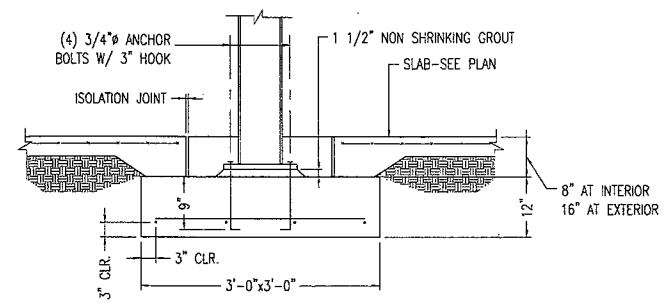
SECTION 4
SCALE: 3/4" = 1'-0"
S-2



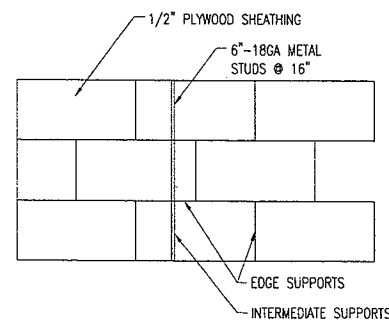
TYPICAL SPLICE POINT CONNECTION DETAIL
SCALE: 3/4" = 1'-0"
S-2



TYPICAL COLUMN ISOLATION JOINT DETAIL
SCALE: 3/4" = 1'-0"
S-2

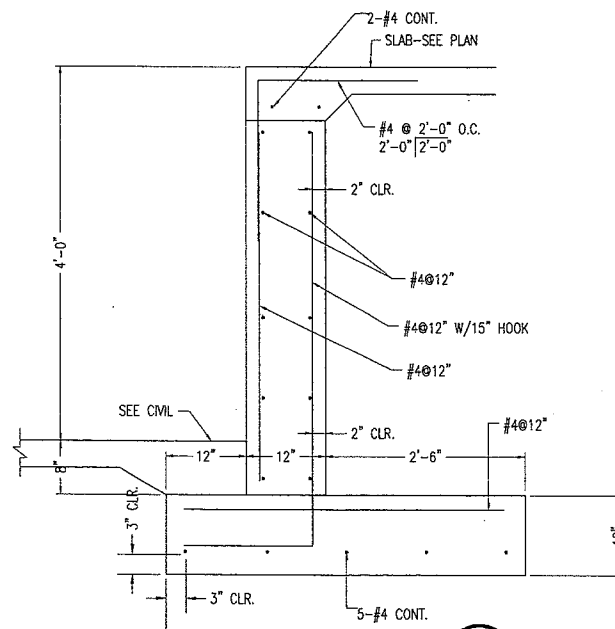


TYPICAL SECTION THRU COLUMN FOOTING
SCALE: 3/4" = 1'-0"
S-2

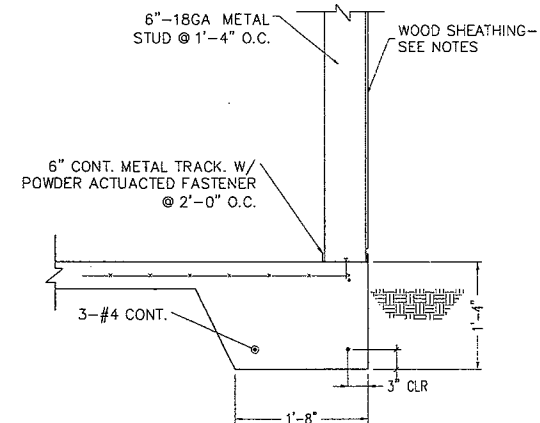


EXTERIOR WALL SHEATHING DETAIL
SCALE: 3/16" = 1'-0"

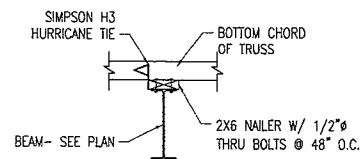
NOTE 1: PLYWOOD SHEAR PANELS SHALL BE ATTACHED TO METAL STUDS WITH #10 TEK SCREWS @ 6" O.C. ALONG EDGES AND 12" ALONG INTERMEDIATE SUPPORTS.
NOTE 2: ALL UNSUPPORTED EDGES AT JOINTS SHALL BE BACKED WITH 6" METAL STUDS.



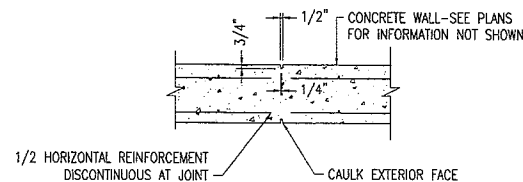
SECTION 6
SCALE: 1" = 1'-0"
S-2



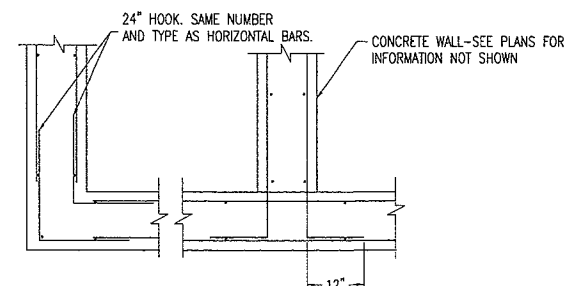
SECTION 5
SCALE: 1" = 1'-0"
S-2



SECTION 9
SCALE: 3/4" = 1'-0"
S-2



TYPICAL CONCRETE WALL JOINT DETAIL
SCALE: 3/4" = 1'-0"
S-2



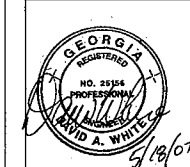
TYPICAL REINFORCEMENT AT CONCRETE CORNER
SCALE: 3/4" = 1'-0"
S-2



PEACOCK architects

2000 RIVEREDGE PARKWAY
SUITE NINE HUNDRED
ATLANTA, GEORGIA 30328
404-214-5200 (PHONE)
404-214-5208 (FAX)

HARBIN CLINIC
SUMMERVILLE MOB
12541 HIGHWAY 27
SUMMERVILLE, GEORGIA 30747



| DATE | REVISION |
|------|----------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

PROJECT NUMBER:
161.05.01
CAD FILE:
DATE:
5/18/07
DRAWING TITLE:
TYPICAL DETAILS

DRAWING NUMBER
S-2

WHITE ENGINEERING
STRUCTURAL ENGINEERS
2436 MUIRFIELD WAY
DULUTH, GEORGIA 30096
PHONE (770) 447-8683
FAX (770) 840-0773

RELEASED FOR CONSTRUCTION

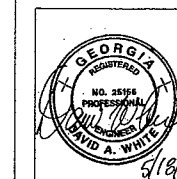
To Order Plans Go To WWW.LDIREPRO.COM



PEACOCK
architects

2000 RIVEREDGE PARKWAY
SUITE NINE HUNDRED
ATLANTA, GEORGIA 30328
404-214-5200 (PHONE)
404-214-5208 (FAX)

HARBIN CLINIC
SUMMERVILLE MOB
12541 HIGHWAY 27
SUMMERVILLE, GEORGIA 30747



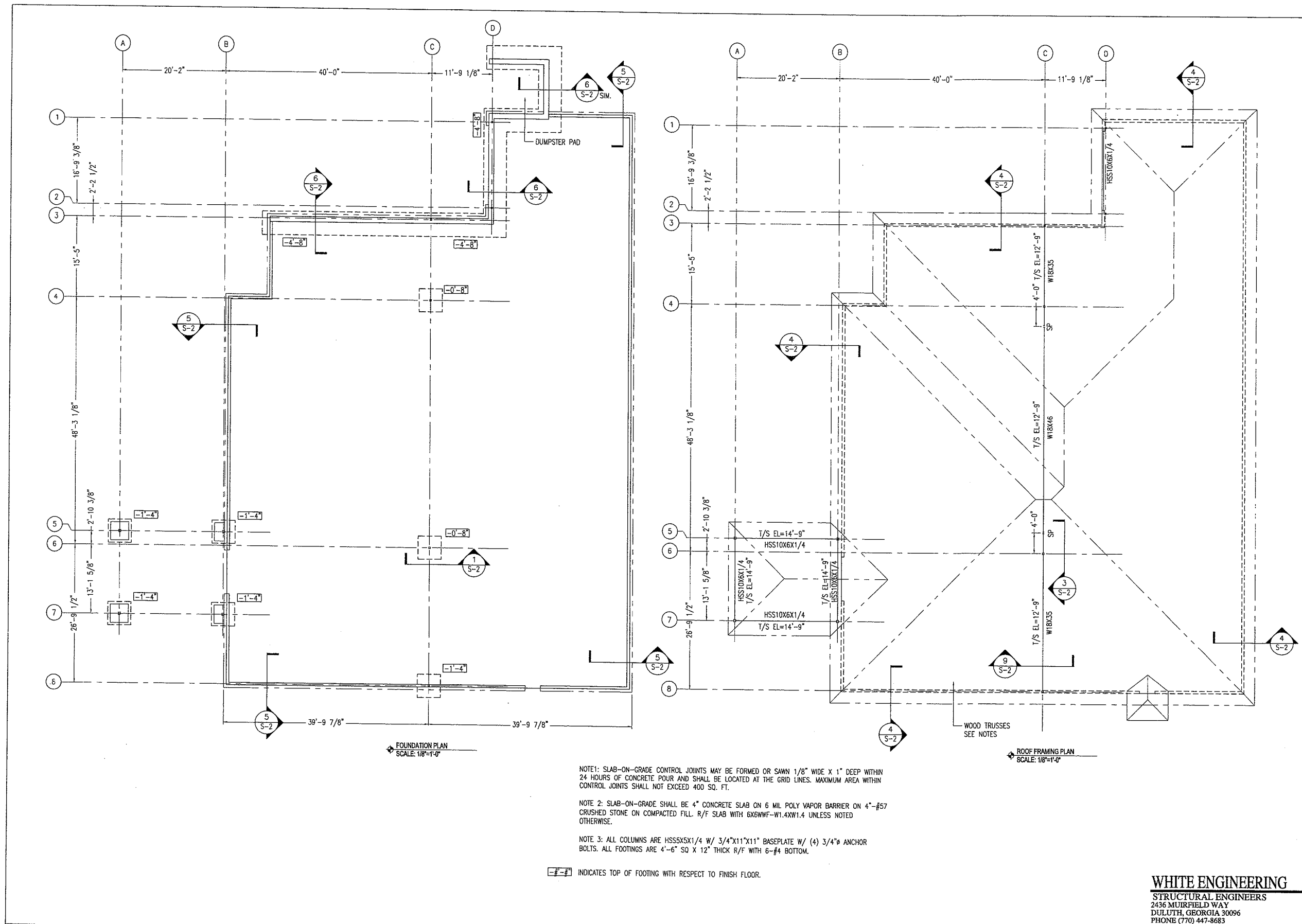
| DATE | REVISION |
|------|----------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

PROJECT NUMBER:
161.05.01
CAD FILE:
DATE:
5/18/07
DRAWING TITLE:
PLANS

DRAWING NUMBER
S-3

THIS DRAWING AND ANY REPRODUCTIONS ARE THE PROPERTY AND COPYRIGHT OF PEACOCK ARCHITECTS, INC. AND MAY NOT BE USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF PEACOCK ARCHITECTS, INC.

To Order Plans Go To WWW.LDIREPRO.COM



FOUNDATION PLAN
SCALE: 1/8"=1'-0"

ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"

NOTE 1: SLAB-ON-GRADE CONTROL JOINTS MAY BE FORMED OR SAWN 1/8" WIDE X 1" DEEP WITHIN 24 HOURS OF CONCRETE POUR AND SHALL BE LOCATED AT THE GRID LINES. MAXIMUM AREA WITHIN CONTROL JOINTS SHALL NOT EXCEED 400 SQ. FT.

NOTE 2: SLAB-ON-GRADE SHALL BE 4" CONCRETE SLAB ON 6 MIL POLY VAPOR BARRIER ON 4"-#57 CRUSHED STONE ON COMPACTED FILL. R/F SLAB WITH 6X6WVF-W1.4XW1.4 UNLESS NOTED OTHERWISE.

NOTE 3: ALL COLUMNS ARE HSS5X5X1/4 W/ 3/4"x11"x11" BASEPLATE W/ (4) 3/4" ANCHOR BOLTS. ALL FOOTINGS ARE 4'-6" SQ X 12" THICK R/F WITH 6-#4 BOTTOM.

INDICATES TOP OF FOOTING WITH RESPECT TO FINISH FLOOR.

WHITE ENGINEERING
STRUCTURAL ENGINEERS
2436 MUIRFIELD WAY
DULUTH, GEORGIA 30096
PHONE (770) 447-8683
FAX (770) 840-0773

RELEASED FOR CONSTRUCTION