30925

PROPOSED RESIDENCE
DENNILLE AND A.J. DECKER

468 NW HACKNEY TERRACE, LAKE CITY, FL 32055

PARCEL NUMBER

36-3S-16-02600-000 - COLUMBIA COUNTY, FLORIDA

SCOPE OF WORK

THIS PROJECT ENTAILS THE CONSTRUCTION OF A TWO-STORY RESIDENTIAL STRUCTURE, INCLUDING ALL REQUISITE ELECTRICAL WORK, CENTRAL AIR CONDITIONING, PLUMBING AND FIXTURES. CEILING FINISHES WILL BE GYPSUM WALLBOARD WITH TEXTURE. EXTERIOR WALL FINISHES WILL BE FACE BRICK AND CEMENT-BOARD SIDING. INTERIOR WALL FINISHES WILL BE GYPSUM WALLBOARD. ROOFING WILL BE FIBERGLASS ASPHALT SHINGLES. FLOORING AND TRIM SHALL BE PER OWNER'S SPECIFICATION.

ENGINEER'S STATEMENT

THIS PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH 2010 FLORIDA BUILDING CODE, RESIDENTIAL EDITION, SEC. R301 CRITERIA AND ASCE 7-10. TO THE BEST OF MY KNOWLEDGE THESE CONTRACT DOCUMENTS PREPARED UNDER MY DIRECT SUPERVISION COMPLY WITH THE APPLICABLE MINIMUM CODE REQUIREMENTS AND THE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTERS 553 AND 633 OF THE FLORIDA STATUTES.

DISCLAIMER

THE EXISTING CONDITIONS AS SHOWN ON THIS SITE PLAN AND OTHER DRAWINGS AND DETAILS IN THIS PLAN SET ARE FROM SURVEY PLATS AND VERIFIED BY FIELD MEASUREMENTS. THE ENGINEER OF RECORD TAKES NO RESPONSIBILITY AS TO THE ACCURACY OR COMPLETENESS OF THE REPRESENTATIONS.

DESIGN CRITERIA

CONSTRUCTION TYPE: V-B
WIND SPEED = 120 MPH (3 SEC. GUST)
RISK CATEGORY = II
WIND EXPOSURE = C
INTERNAL PRESSURE COEFF. = 0.18

LIVE LOADS

ROOF =	20 PSF
FLOORS, STAIRS =	40 PSF
ATTIC, UNIHABITABLE, WITHOUT STORAGE =	10 PSF
WITH STORAGE =	20 PSF

DESIGN WIND PRESSURES

(COMPONENTS AND CLADDING) - 120 MPH

0-10 SF = +30.4/-33.0
10-20 SF = +24.7/-26.9
20-50 SF = +23.2/-25.4
50-100 SF = +22.0/-24.2
100-500 SF = +19.3/-21.5

WALL SHEATHING FASTENING SCHEDULE

* USE 15/32" CDX OR 7/16" OSB SHEATHING (WOOD STRUCTURAL PANEL = W.S.P.)

* STANDARD EXTERIOR WALL: USE MIN. 8d HAND DRIVEN OR GUN NAILS SPACED AT EDGES AT 6" O.C. AND INTERIOR FIELD AT 12" O.C.

* EXTERIOR SHEARWALLS: USE MIN. 8d RING-SHANK GUN NAILS AT 4" O.C. ON EDGES AND ENDS AND INTERIOR FIELD AT 6" O.C.

WEATHER PROTECTION:

A.) ALL FRAMED CONSTRUCTION EXPOSED TO EXTERIOR TO HAVE A VAPOR BARRIER INSTALLED BEFORE WALL FINISH IS APPLIED.

B.) ALL ROOF DECKS SHALL BE COVERED WITH APPROVED ROOF COVERINGS IN ACCORDANCE WITH CURRENT FLORIDA BUILDING CODE. ROOF ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THIS CODE AND THE APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS SUCH THAT THE ROOF ASSEMBLY SHALL PROTECT THE BUILDING AND STRUCTURE.

C.) FLASHING TO BE INSTALLED TO PREVENT MOISTURE FROM ENTERING THE WALLS AND ROOFS THROUGH COPINGS, THROUGH MOISTURE PERMEABLE MATERIALS, AND AT INTERSECTIONS WITH PARAPET WALLS OR OTHER PENETRATIONS THROUGH ALL ROOF PLANES. USE METAL FLASHING WITH GALV. G90 26 GA. STEEL AND INSTALL AT WALL AND ROOF THROUGH JOINTS IN COPINGS, THROUGH MOISTURE PERMEABLE MATERIALS, AND AT INTERSECTIONS, WHEREVER THERE IS A CHANGE IN SLOPE OR DIRECTION AND AROUND ALL ROOF OPENINGS. ALL METAL FLASHING SHALL BE CORROSION RESISTANT AND THICKNESS TO BE NOT LESS THAN DESCRIBED IN FLORIDA BUILDING CODE TABLE R903.2.1. FLASHING NOT REQUIRED AT HIP AND RIDGE JUNCTIONS.

AREA SUMMARY

MAIN FLOOR CONDITIONED AREA	2446 S.F.	B 05.20.13
UPPER FLOOR CONDITIONED AREA	1662 S.F.	
TOTAL CONDITIONED AREA	4108 S.F.	B 05.20.13
GARAGE AND STORAGE AREA	899 S.F.	
VERANDA AND GAZEBO AREA	821 S.F.	
ENTRY AREA	131 S.F.	
TOTAL NON-CONDITIONED AREA	1851 S.F.	
TOTAL AREA	5959 S.F.	B 05.20.13

GENERAL FRAMING NOTES

* ALL LUMBER TO SOUTHERN YELLOW PINE No. 2 OR SPRUCE-PINE-FIR No. 2, MAXIMUM MOISTURE CONTENT OF 19 %. EXTERIOR LUMBER AND LUMBER IN CONTACT WITH CONCRETE TO BE PRESSURE-TREATED.

* EXTERIOR WINDOWS AND GLASS DOORS MUST MEET THE REQUIREMENTS OF R-613-1 OF THE FLORIDA RESIDENTIAL BUILDING CODE 2010 EDITION.
R-613-1 EXTERIOR WINDOWS AND GLASS DOORS
R-613.1.1 TESTING AND LABELING. EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS, AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION: WINDOWS - ANSI/AAMA/NWWDA 101/1S2 OR 1S2/NAFS OR AAMA/WDMA/CSA 101/1S2/A440 OR TAS202 (HVHZ SHALL COMPLY WITH TAS 202 UTILIZING ASTME.

SHEET INDEX

SITE PLAN BY OTHERS

	DATE	REMARKS
A	03.18.13	PERMIT SET
B	05.20.13	ENLARGE BEDROOM 1

Ken Ehlers P.E.# 18243
5/24/13

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Ken Ehlers P.E.# 18243
LICENSED PROFESSIONAL ENGINEER

PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.

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PARCEL NO. 36-3S-16-02600-000

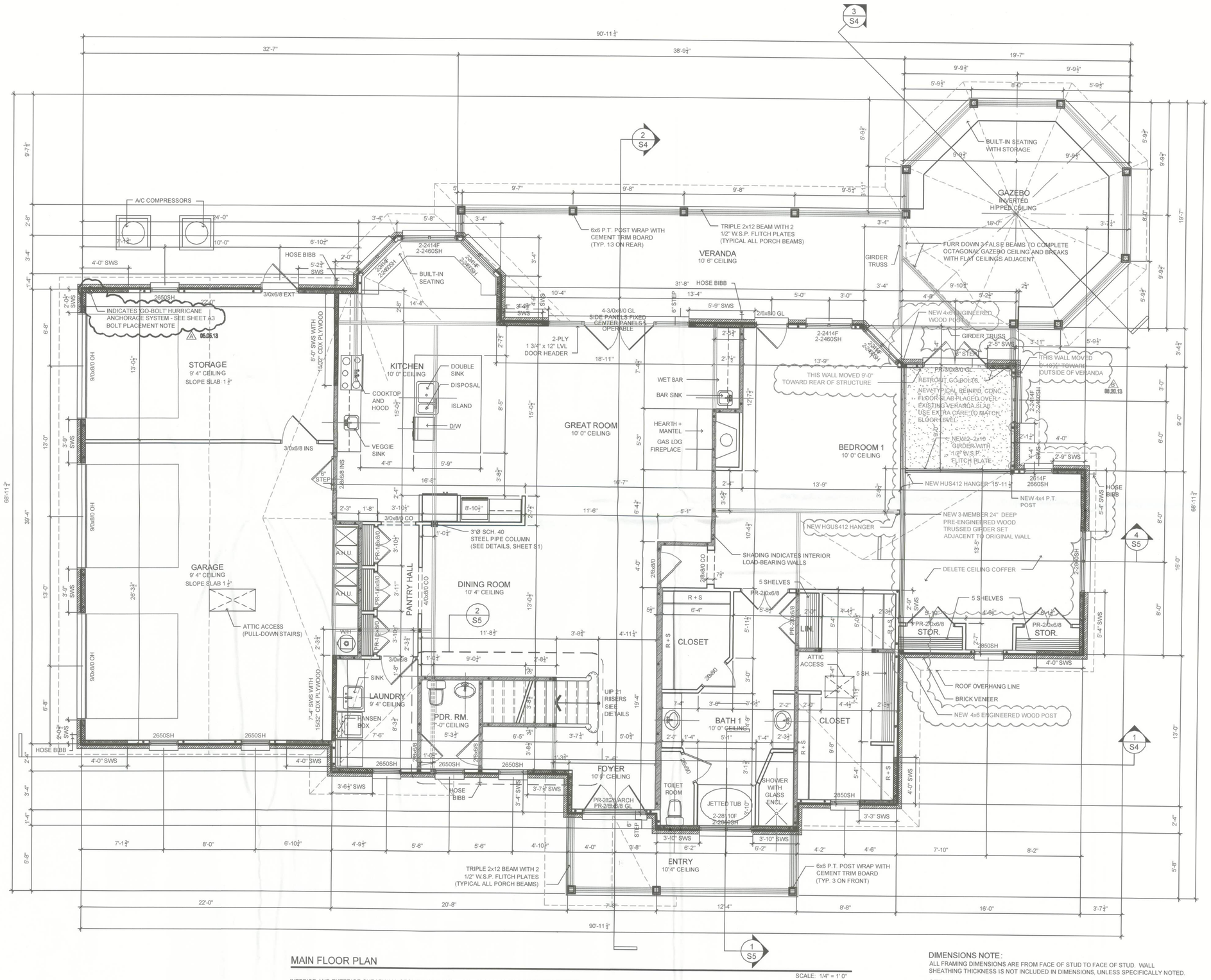
Mark Current

A1, A2, A6, E1, S1, S2, S5

SHEET NUMBER

A1

PROJECT NO. 130103



MAIN FLOOR PLAN

SCALE: 1/4" = 1' 0"

INTERIOR AND EXTERIOR SHEARWALL SEGMENTS INDICATED WITH RESPECTIVE EFFECTIVE LENGTHS.
SHEARWALLS SHALL BE CONSTRUCTED WITH HOLD-DOWN HARDWARE PER DETAILS SHOWN ON STRUCTURAL DRAWINGS.
SHEARWALL SHEATHING SHALL BE 1/2" W.S.P. NAILED WITH 8d RING-SHANK GUN NAILS AT 4" O.C. ON EDGES AND ENDS AND 6" O.C. IN FIELD.

DIMENSIONS NOTE:
ALL FRAMING DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD. WALL SHEATHING THICKNESS IS NOT INCLUDED IN DIMENSIONS, UNLESS SPECIFICALLY NOTED.

STRUCTURAL NOTE:
INTERIOR 4x4 AND 4x6 POSTS (BOTH P.T. AND ENGINEERED WOOD) ARE INDICATED ON THIS PLAN FOR REFERENCE. SEE FOUNDATION PLAN AND FLOOR FRAMING PLAN FOR CALL OUTS OF POST AND REQUIRED STRAPPING AND ANCHORAGE.

DATE	REMARKS
03.18.13	PERMIT SET
05.05.13	ADD GO-BOLTS
05.20.13	ENLARGE BEDROOM 1

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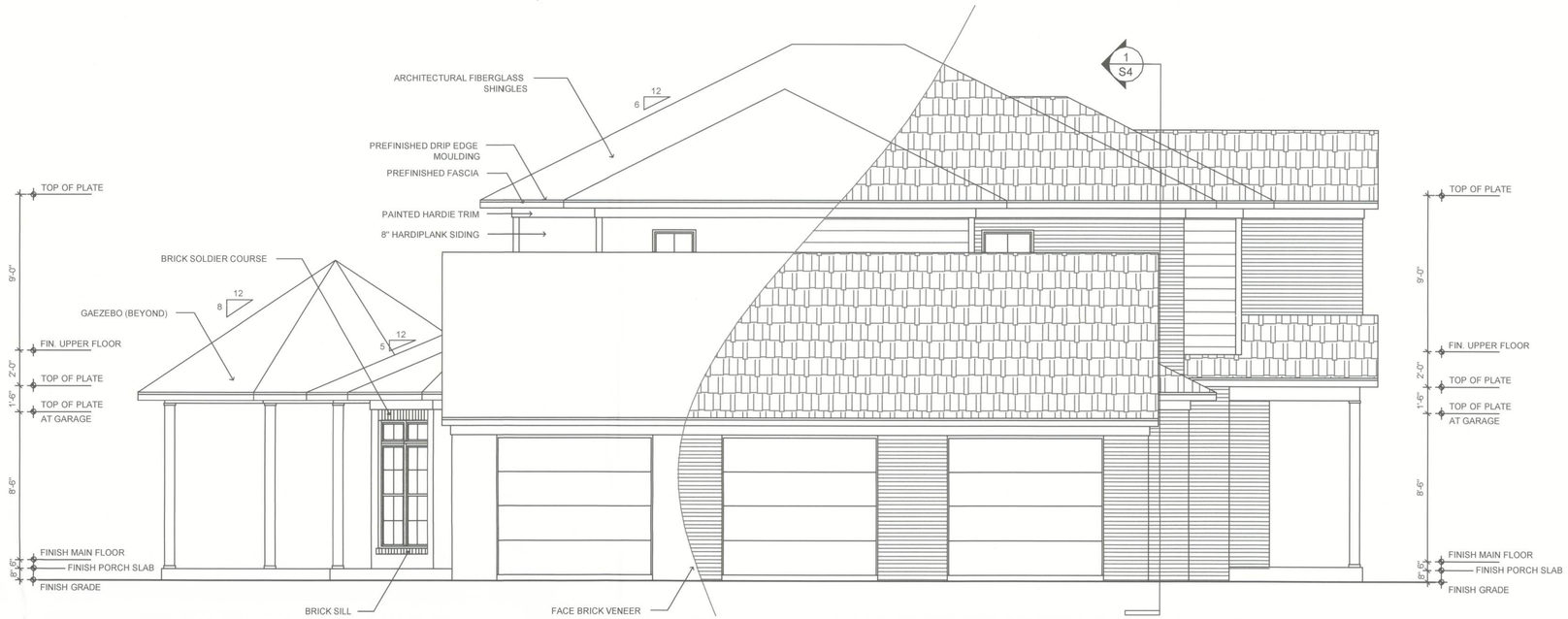
SHEET NUMBER

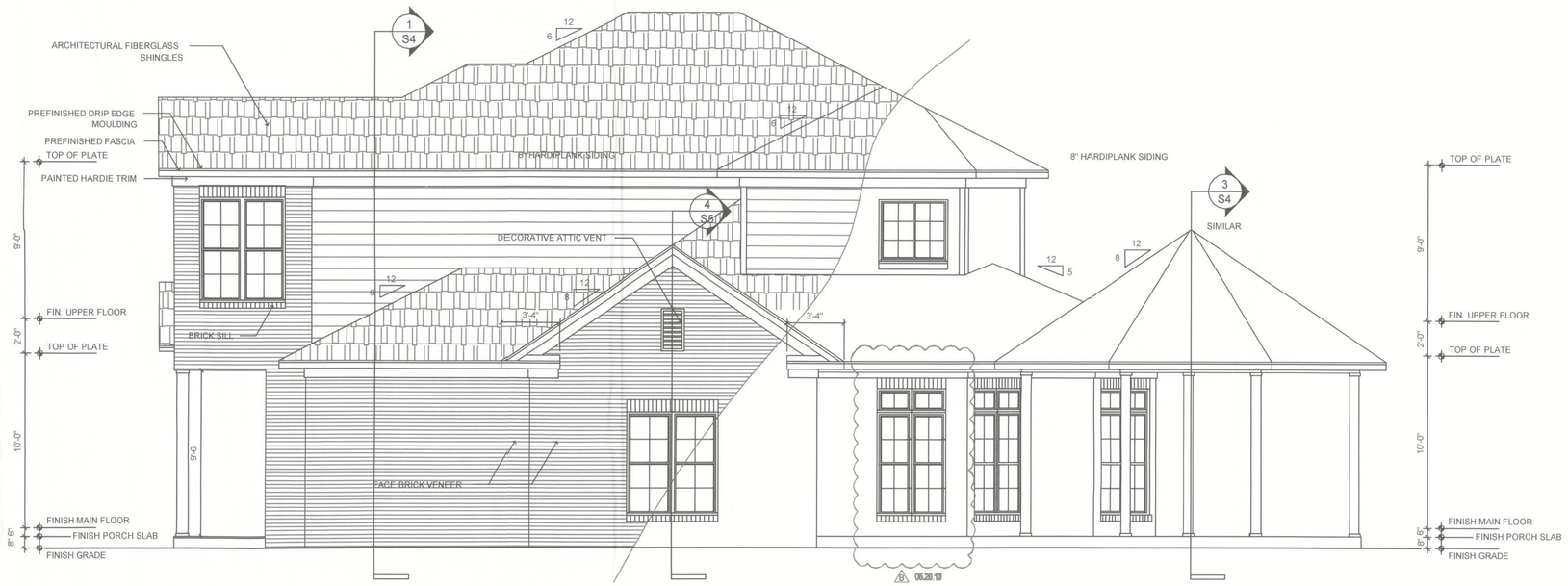
A2

PROJECT NO. 130103



LEFT ELEVATION

SCALE: 1/4" = 1' 0"



RIGHT ELEVATION

SCALE: 1/4" = 1' 0"

	DATE	REMARKS
A	03.18.13	PERMIT SET
B	06.20.13	ENLARGE BEDROOM 1

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SHEET NUMBER

A6

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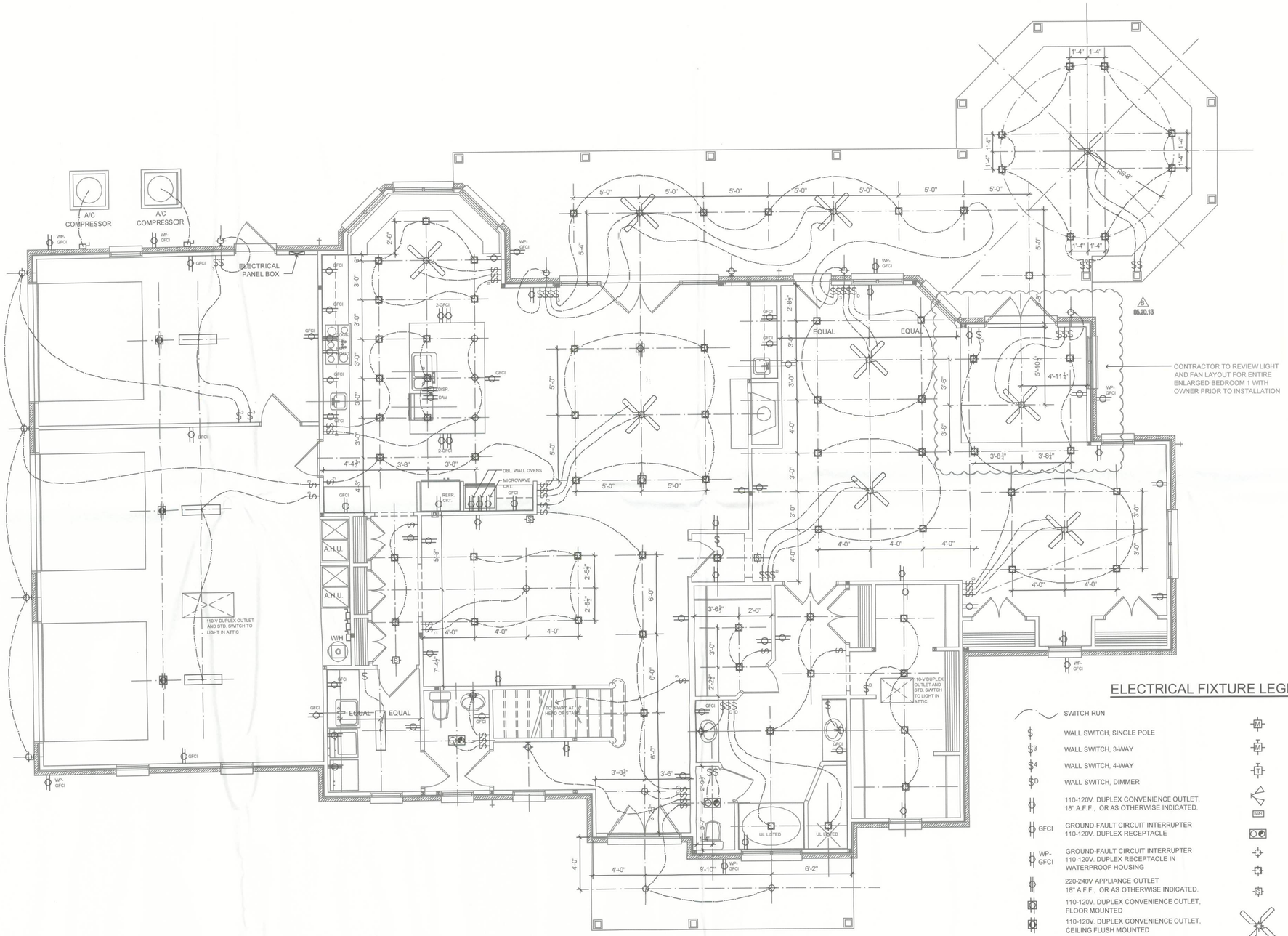

MAIN FLOOR ELECTRICAL PLAN

SCALE: 1/4" = 1' 0"

ALL RECEPTACLES, LIGHTING, AND SAFETY PROTECTION DEVICES (I.E. SMOKE DETECTORS, CARBON MONOXIDE DETECTORS, ETC.) SHALL BE ON CIRCUITRY PROTECTED BY A U.L.-LISTED ARC-FAULT CIRCUIT INTERRUPTER (EXCEPT IN LAUNDRY, KITCHEN, BATHS, GARAGE AND PORCHES).

ALL RECEPTACLES SHALL BE U.L.-LISTED TAMPER-RESISTANT AND OUTDOOR GFCI RECEPTACLES SHALL BE WEATHER-RESISTANT.

PROVIDE SMOKE DETECTORS IN ALL SLEEPING ROOMS AND WITHIN THE IMMEDIATE VICINITY OF SLEEPING ROOMS AND CARBON MONOXIDE DETECTORS WITHIN 10 FEET OF ALL SLEEPING ROOMS.

ALL SMOKE DETECTORS ARE TO HAVE BATTERY BACK-UP AND BE HARD-WIRED AND INTERCONNECTED SO THAT IN THE EVENT THAT ONE IS ACTIVATED, ALL ARE ACTIVATED.

ELECTRICAL FIXTURE LEGEND

- SWITCH RUN
- $ WALL SWITCH, SINGLE POLE
- $3 WALL SWITCH, 3-WAY
- $4 WALL SWITCH, 4-WAY
- $D WALL SWITCH, DIMMER
- 110-120V. DUPLEX CONVENIENCE OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED.
- GFCI GROUND-FAULT CIRCUIT INTERRUPTER 110-120V. DUPLEX RECEPTACLE
- WP-GFCI GROUND-FAULT CIRCUIT INTERRUPTER 110-120V. DUPLEX RECEPTACLE IN WATERPROOF HOUSING
- 220-240V APPLIANCE OUTLET 18" A.F.F., OR AS OTHERWISE INDICATED.
- 110-120V. DUPLEX CONVENIENCE OUTLET, FLOOR MOUNTED
- 110-120V. DUPLEX CONVENIENCE OUTLET, CEILING FLUSH MOUNTED
- POWER SWITCH / DISCONNECT
- WALL LIGHT / SCONCE SURFACE MOUNTED, 150W. MAX.
- COACH LIGHT SURFACE MOUNTED, 150W. MAX.
- MEDIA OUTLET, FLOOR MOUNTED
- MEDIA OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED
- TELEPHONE OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED
- DOUBLE ADJUSTABLE FLOOD LIGHT
- WH INSTANTANEOUS WATER HEATER
- COMBO FAN/LIGHT
- CEILING LIGHT SURFACE MOUNTED, 150W. MAX.
- CEILING LIGHT RECESS MOUNTED, 150W. MAX.
- COMBO SMOKE / CARBON MONOXIDE ALARM HARD-WIRED & INTERCONNECTED
- CEILING FAN WITH LIGHT KIT
- 4-LAMP FLUORESCENT WITH ACRYLIC LENS SURFACE MOUNT
- LED ROPE LIGHT (INDIRECT)

	DATE	REMARKS
1	03.18.13	PERMIT SET
2	05.20.13	ENLARGE BEDROOM 1

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5/14/15

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SHEET NUMBER

E1

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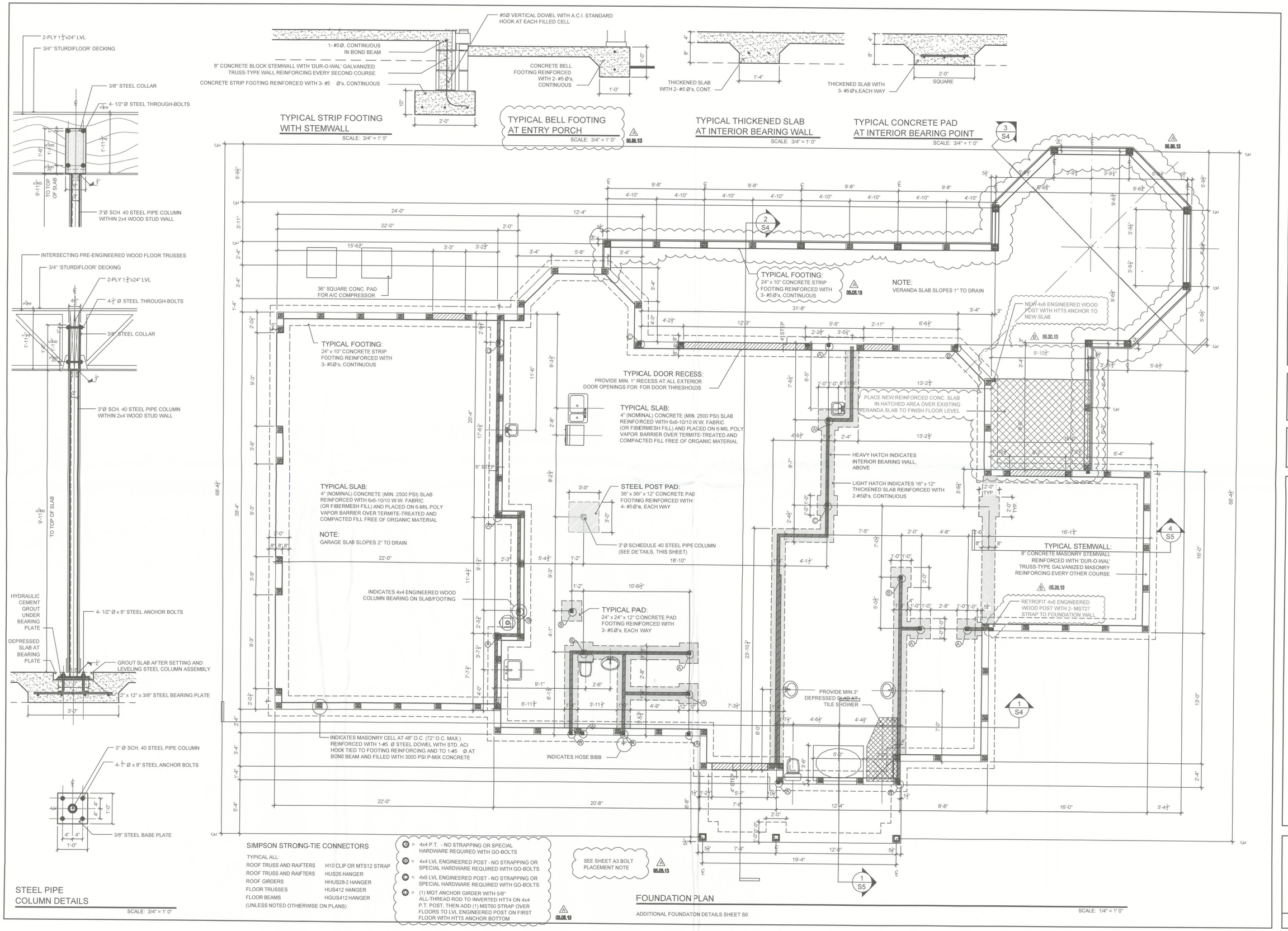
DATE	REMARKS
03.18.13	PERMIT SET
05.05.13	FOOTINGS
05.20.13	ENLARGE BEDROOM 1



SIMPSON STRONG-TIE CONNECTORS

TYPICAL ALL:

ROOF TRUSS AND RAFTERS	H10 CLIP OR MTS12 STRAP
ROOF TRUSS AND RAFTERS	HUS26 HANGER
ROOF GIRDERS	HHUS28-2 HANGER
FLOOR TRUSSES	HUS412 HANGER
FLOOR BEAMS	HGUS412 HANGER

(UNLESS NOTED OTHERWISE ON PLANS)

- Ⓐ = 4x4 P.T. - NO STRAPPING OR SPECIAL HARDWARE REQUIRED WITH GO-BOLTS
- Ⓑ = 4x4 LVL ENGINEERED POST - NO STRAPPING OR SPECIAL HARDWARE REQUIRED WITH GO-BOLTS
- Ⓒ = 4x6 LVL ENGINEERED POST - NO STRAPPING OR SPECIAL HARDWARE REQUIRED WITH GO-BOLTS
- Ⓓ = (1) MGT ANCHOR GIRDER WITH 5/8" ALL-THREAD ROD TO INVERTED HTT4 ON 4x4 P.T. POST, THEN ADD (1) MST60 STRAP OVER FLOORS TO LVL ENGINEERED POST ON FIRST FLOOR WITH HTT5 ANCHOR BOTTOM

05.05.13

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5/4/13

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S1

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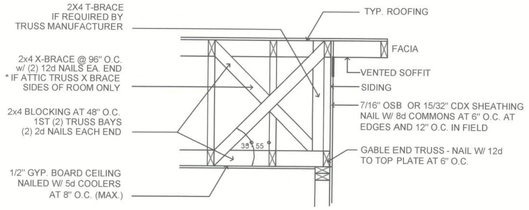
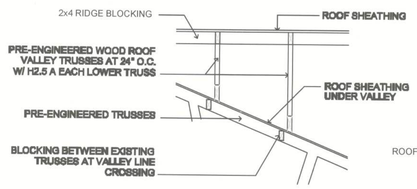


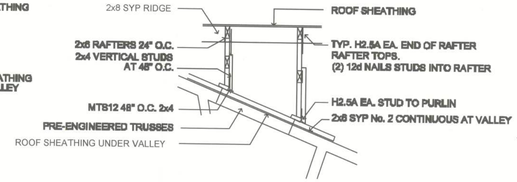
4 S2 GABLE END FRAMING AND BRACING DETAIL

NOT TO SCALE



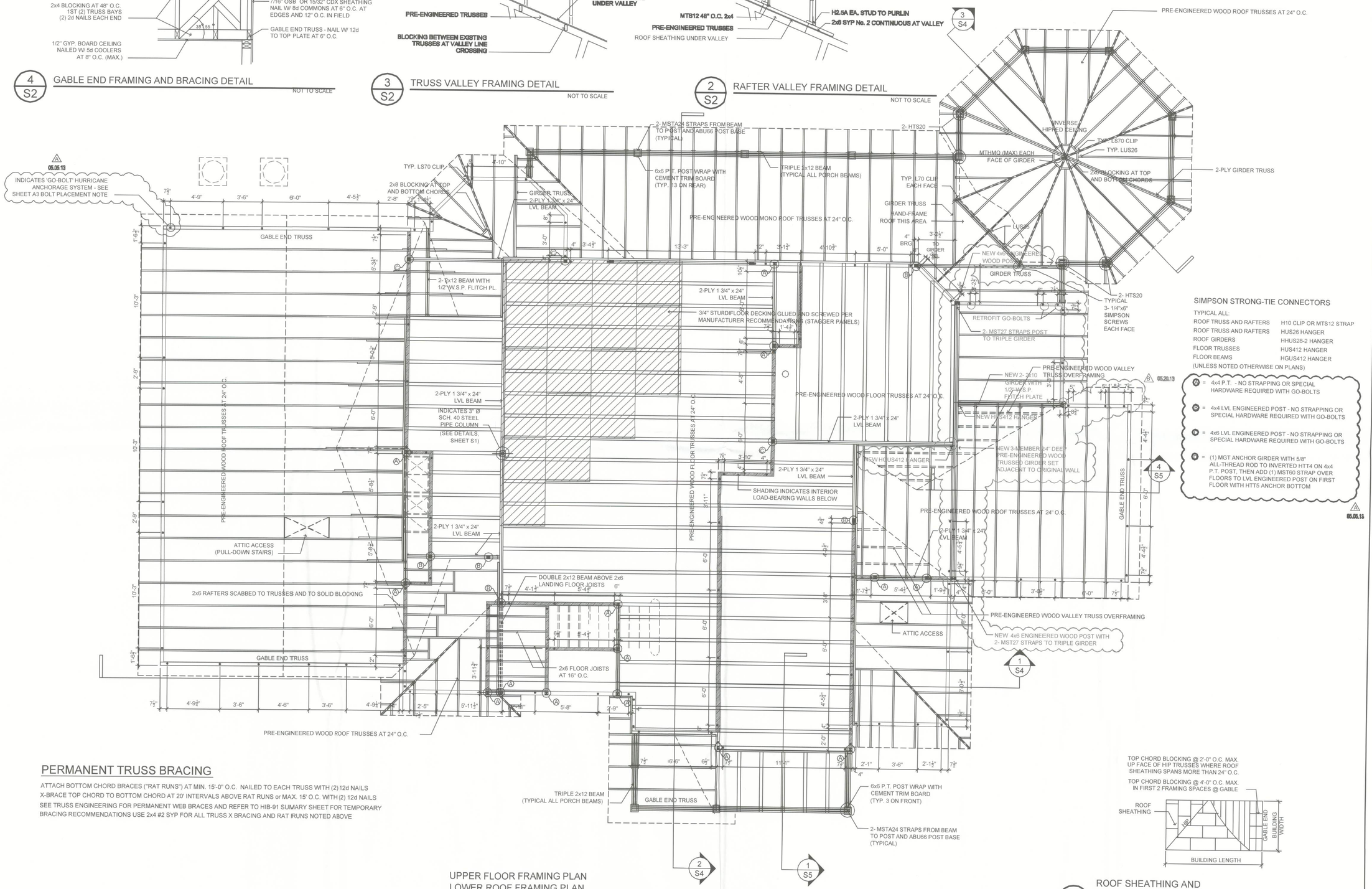
3 S2 TRUSS VALLEY FRAMING DETAIL

NOT TO SCALE



2 S2 RAFTER VALLEY FRAMING DETAIL

NOT TO SCALE



SIMPSON STRONG-TIE CONNECTORS

TYPICAL ALL:

ROOF TRUSS AND RAFTERS	H10 CLIP OR MTS12 STRAP
ROOF TRUSS AND RAFTERS	HUS26 HANGER
ROOF GIRDERS	HHUS28-2 HANGER
FLOOR TRUSSES	HUS412 HANGER
FLOOR BEAMS	HGUS412 HANGER

(UNLESS NOTED OTHERWISE ON PLANS)

- (A) = 4x4 P.T. - NO STRAPPING OR SPECIAL HARDWARE REQUIRED WITH GO-BOLTS
- (B) = 4x4 LVL ENGINEERED POST - NO STRAPPING OR SPECIAL HARDWARE REQUIRED WITH GO-BOLTS
- (C) = 4x6 LVL ENGINEERED POST - NO STRAPPING OR SPECIAL HARDWARE REQUIRED WITH GO-BOLTS
- (D) = (1) MGT ANCHOR GIRDER WITH 5/8" ALL-THREAD ROD TO INVERTED HTT4 ON 4x4 P.T. POST, THEN ADD (1) MST60 STRAP OVER FLOORS TO LVL ENGINEERED POST ON FIRST FLOOR WITH HTT5 ANCHOR BOTTOM

05.06.13

PERMANENT TRUSS BRACING

ATTACH BOTTOM CHORD BRACES ("RAT RUNS") AT MIN. 15'-0" O.C. NAILED TO EACH TRUSS WITH (2) 12d NAILS
X-BRACE TOP CHORD TO BOTTOM CHORD AT 20' INTERVALS ABOVE RAT RUNS or MAX. 15' O.C. WITH (2) 12d NAILS
SEE TRUSS ENGINEERING FOR PERMANENT WEB BRACES AND REFER TO HIB-91 SUMARY SHEET FOR TEMPORARY BRACING RECOMMENDATIONS USE 2x4 #2 SYP FOR ALL TRUSS X BRACING AND RAT IRUNS NOTED ABOVE

UPPER FLOOR FRAMING PLAN
LOWER ROOF FRAMING PLAN

SIMPSON H10 CLIP EACH END OF EACH ROOF TRUSS UNLESS NOTED OTHERWISE

ALL TRUSS-TO-TRUSS CONNECTORS FURNISHED BY TRUSS MANUFACTURER

SCALE: 1/4" = 1' 0"

1 S2 ROOF SHEATHING AND DIAPHRAGM BLOCKING DETAIL

NOT TO SCALE

DATE	REMARKS
03.18.13	PERMIT SET
05.06.13	ADD GO-BOLTS
05.20.13	ENLARGE BEDROOM 1

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SHEET NUMBER

S2

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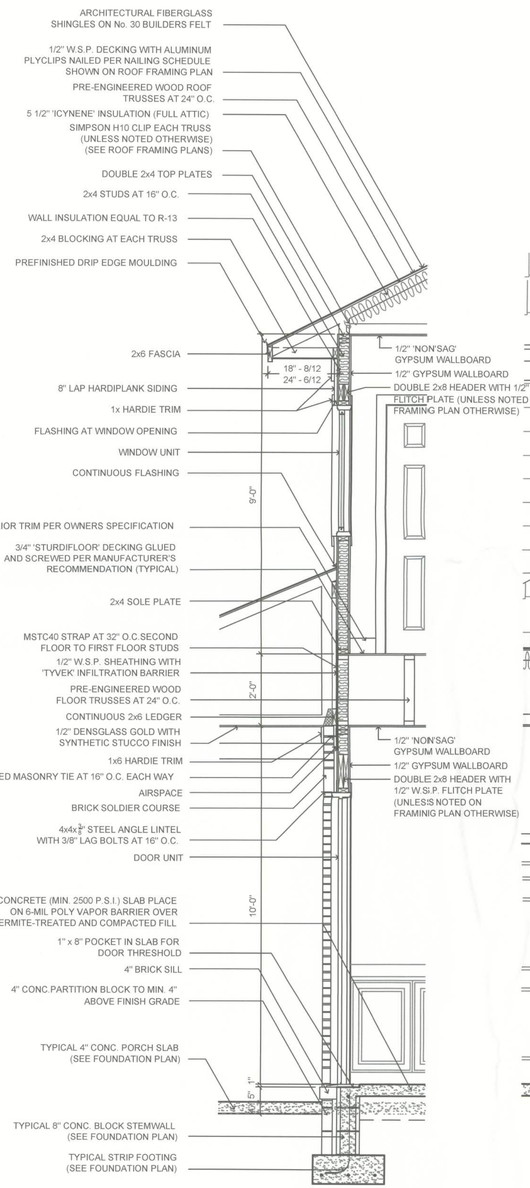
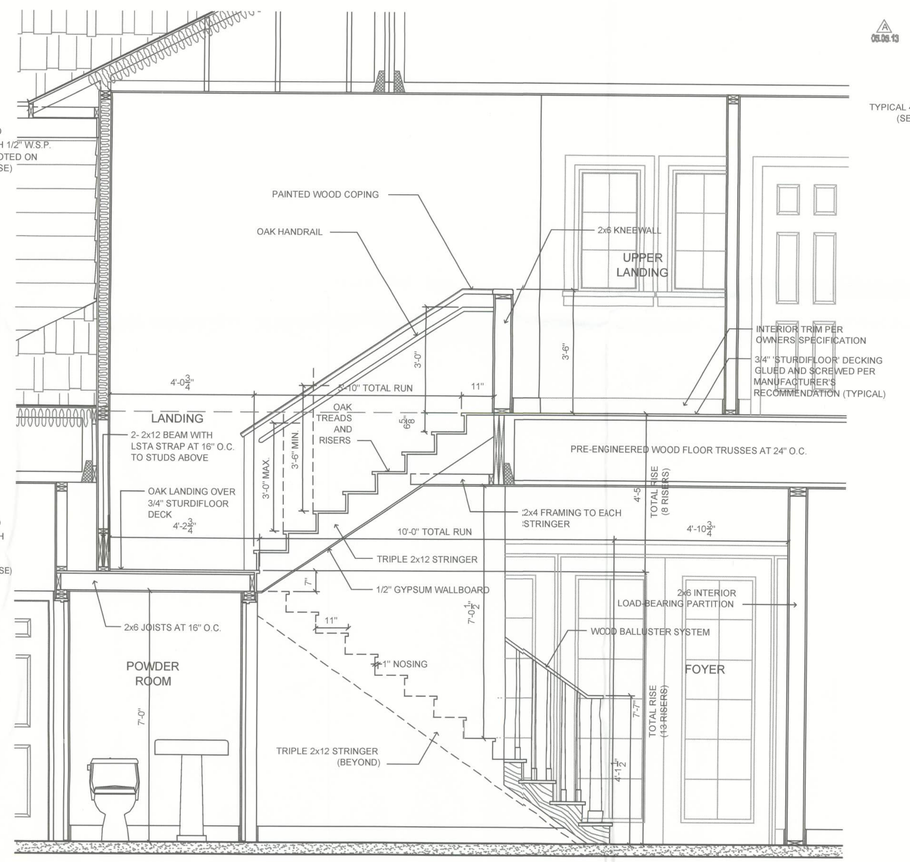


3 / S5 TYPICAL WALL SECTION (TWO STORY)

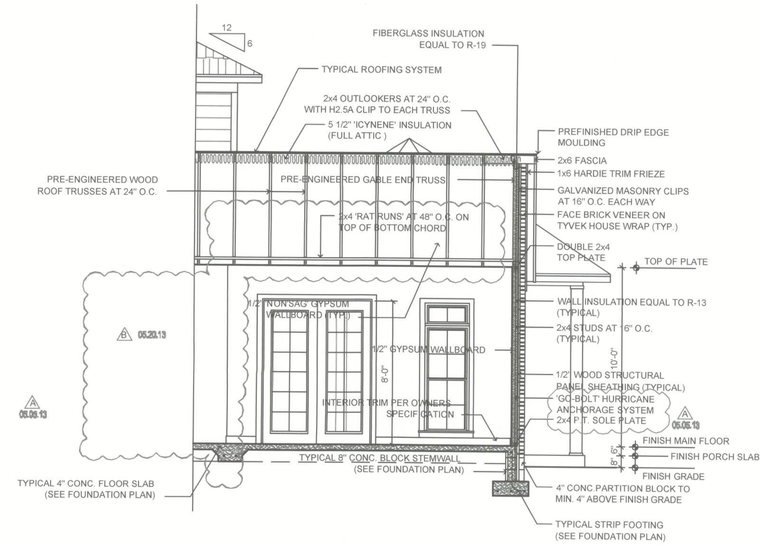
SCALE: 1/2" = 1' 0"



LOWER STAIR DATA	UPPER STAIR DATA
13 RISERS AT 7" = 7'-7" TOTAL RISE	8 RISERS AT 6 5/8" = 4'-5" TOTAL RISE
12 TREADS AT 11" OVERALL TREAD WIDTH WITH 1" NOSING = 10'-0" TOTAL RUN	7 TREADS AT 11" OVERALL TREAD WIDTH WITH 1" NOSING = 5'-10" TOTAL RUN

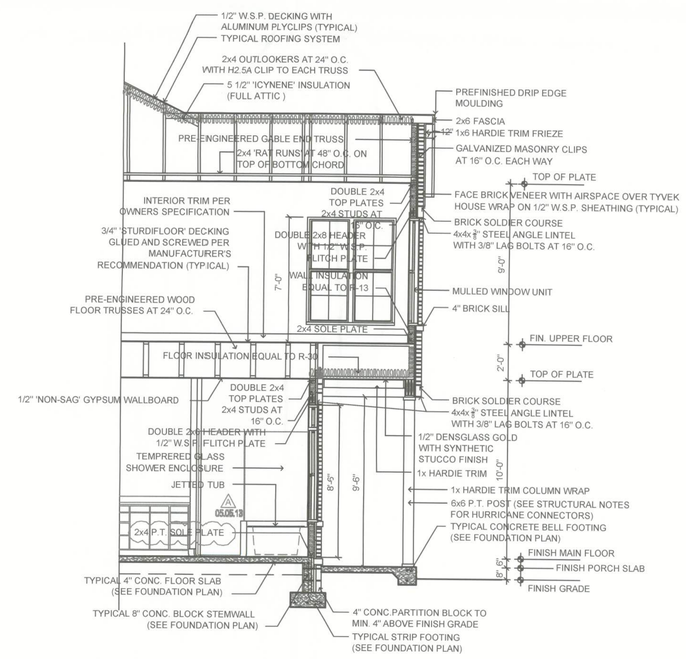
2 / S5 STAIRS DETAILS

SCALE: 1/2" = 1' 0"



4 / S5 SECTION

SCALE: 1/4" = 1' 0"



1 / S5 SECTION

SCALE: 1/4" = 1' 0"

TYPICAL NOTES:

ANY NOTE DESCRIBING A TYPICAL CONDITION SHALL APPLY TO ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.

DATE	REMARKS
03.18.13	PERMIT SET
05.05.13	ADD GC-BOLTS, FOOTINGS
05.20.13	ENLARGE BEDROOM 1

5/24/13

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THIS PROJECT ENTAILS THE CONSTRUCTION OF A TWO-STORY RESIDENTIAL STRUCTURE, INCLUDING ALL REQUISITE ELECTRICAL WORK, CENTRAL AIR CONDITIONING, PLUMBING AND FIXTURES. CEILING FINISHES WILL BE GYPSUM WALLBOARD WITH TEXTURE. EXTERIOR WALL FINISHES WILL BE FACE BRICK AND CEMENT-BOARD SIDING. INTERIOR WALL FINISHES WILL BE GYPSUM WALLBOARD. ROOFING WILL BE FIBERGLASS ASPHALT SHINGLES. FLOORING AND TRIM SHALL BE PER OWNER'S SPECIFICATION.

ENGINEER'S STATEMENT

THIS PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH 2010 FLORIDA BUILDING CODE, RESIDENTIAL EDITION, SEC. R301 CRITERIA AND ASCE 7-10. TO THE BEST OF MY KNOWLEDGE THESE CONTRACT DOCUMENTS PREPARED UNDER MY DIRECT SUPERVISION COMPLY WITH THE APPLICABLE MINIMUM CODE REQUIREMENTS AND THE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTERS 553 AND 633 OF THE FLORIDA STATUTES.

DISCLAIMER

THE EXISTING CONDITIONS AS SHOWN ON THIS SITE PLAN AND OTHER DRAWINGS AND DETAILS IN THIS PLAN SET ARE FROM SURVEY PLATS AND VERIFIED BY FIELD MEASUREMENTS. THE ENGINEER OF RECORD TAKES NO RESPONSIBILITY AS TO THE ACCURACY OIR COMPLETENESS OF THE REPRESENTATIONS.

DESIGN CRITERIA

CONSTRUCTION TYPE: V-B
WIND SPEED = 120 MPH (3 SEC. GUST)
RISK CATEGORY = II
WIND EXPOSURE = C
INTERNAL PRESSURE COEFF. = 0.18

LIVE LOADS

ROOF =	20 PSF
FLOORS, STAIRS =	40 PSF
ATTIC, UNIHABITABLE, WITHOUT STORAGE =	10 PSF
WITH STORAGE =	20 PSF

DESIGN WIND PRESSURES

(COMPONENTS AND CLADDING) - 120 MPH

0-10 SF = +30.4/-33.0
10-20 SF = +24.7/-26.9
20-50 SF = +23.2/-25.4
50-100 SF = +22.0/-24.2
100-500 SF = +19.3/-21.5

WALL SHEATHING FASTENING SCHEDULE

* USE 15/32" CDX OR 7/16" OSB SHEATHING (WOOD STRUCTURAL PANEL = W.S.P.)
* STANDARD EXTERIOR WALL: USE MIN. 8d HAND DRIVEN OR GUN NAILS SPACED AT EDGES AT 6" O.C. AND INTERIOR FIELD AT 12" O.C.
* EXTERIOR SHEARWALLS: USE MIN. 8d RING-SHANK GUN NAILS AT 4" O.C. ON EDGES AND ENDS AIND INTERIOR FIELD AT 6" O.C.

WEATHER PROTECTION:

A.) ALL FRAMED CONSTRUCTION EXPOSED TO EXTERIOR TO HAVE A VAPOR BARRIER INSTALLED BEFORE WALL FINISH IS APPLIED.

B.) ALL ROOF DECKS SHALL BE COVERED WITH APPROVED ROOF COVERINGS IN ACCORDANCE WITH CURRENT FLORIDA BUILDING CODE. ROOF ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THIS CODE AND THE APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS SUCH THAT THE ROOF ASSEMBLY SHALL PROTECT THE BUILDING AND STRUCTURE.

C.) FLASHING TO BE INSTALLED TO PREVENT MOISTURE FROM ENTERING THE WALLS AND ROOF'S THROUGH COPINGS, THROUGH MOISTURE PERMEABLE MATERIALS, AND AT INTERSECTIONS WITH PARAPET WALLS OR OTHER PENETRATIONS THROUGH ALL ROOF PLANES. USE METAL FLASHING WITH GALV. G90 26 GA. STEEL AND INSTALL AT WALL AND ROOF THROUGH JOINTS IN COPINGS, THROUGH MOISTURE PERMEABLE MATERIALS, AND AT INTERSECTIONS, WHEREVER THERE IS A CHANGE IN SLOPE OR DIIRECTION AND AROUND ALL ROOF OPENINGS. ALL METAL FLASHING SHALL BE CORROSION RESISTANT AND THICKNESS TO BE NOT LESS THAN DESCRIBED IN FLORIDA BUILDING CODE TABLE R903.2.1 FLASHING NOT REQUIRED AT HIP AND RIDGE JUNCTIONS.

AREA SUMMARY

MAIN FLOOR CONDITIONED AREA	2357 S.F.	
UPPER FLOOR CONDITIONED AREA	1662 S.F.	
TOTAL CONDITIONED AREA		4019 S.F.
GARAGE AND STORAGE AREA	899 S.F.	
VERANDA AND GAZEBO AREA	821 S.F.	
ENTRY AREA	131 S.F.	
TOTAL NON-CONDITIONED AREA		1851 S.F.
TOTAL AREA		5870 S.F.

GENERAL FRAMING NOTES

* ALL LUMBER TO SOUTHERN YELLOW PINE No. 2 OR SPRUCE-PNE-FIR No. 2, MAXIMUM MOISTURE CONTENT OF 19 %. EXTERIOR LUMBER AND LUMBER IN CONTACT WITH CONCRETE TO BE PRESSURE-TREATED.

* EXTERIOR WINDOWS AND GLASS DOORS MUST MEET THE REQUIREMENTS OF R-613-1 OF THE FLORIDA RESIDENTIAL BUILDING CODE 2010 EDITION. .
R-613-1 EXTERIOR WINDOWS AND GLASS DOORS
R-613.1.1 TESTING AND LABELING. EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS, AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION: WINDOWS - ANSI/AAMA/NWWDA 101/1S2 OR 1S2/NAFS OR AAMA/WDMA/CSA 101/1S2/A440 OR TAS202 (HVHZ SHALL COMPLY WITH TAS: 202 UTILIZING ASTME.

SHEET INDEX

AN BY OTHERS

DATE	REMARKS
03.18.13	PERMIT SET

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3/18/13

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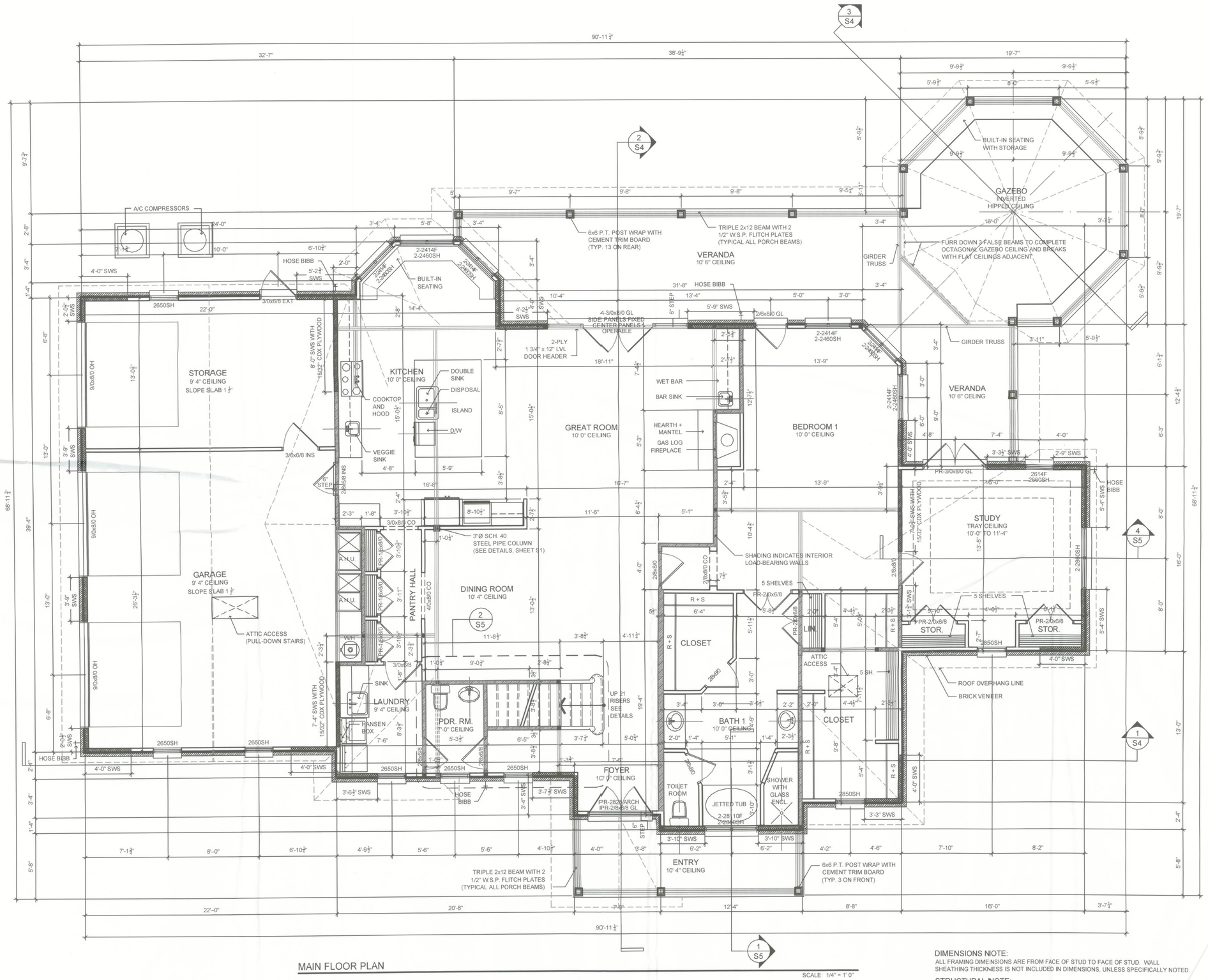
PROPOSED RESIDENCE
DENNILLE AND A.J. DECKER
468 NW HACKNEY TERRACE, LAKE CITY, FL 32055
PARCEL NO. 36-3S-16-02600-000

SHEET NUMBER

A1

PROJECT NO. 130103



MAIN FLOOR PLAN

SCALE: 1/4" = 1' 0"

INTERIOR AND EXTERIOR SHEARWALL SEGMENTS INDICATED WITH RESPECTIVE EFFECTIVE LENGTHS.
SHEARWALLS SHALL BE CONSTRUCTED WITH HOLD-DOWN HARDWARE PER DETAILS SHOWN ON STRUCTURAL DRAWINGS.
SHEARWALL SHEATHING SHALL BE 1/2" W.S.P. NAILED WITH 8d RING-SHANK GUN NAILS AT 4" O.C. ON EDGES AND ENDS AND 6" O.C. IN FIELD.

DIMENSIONS NOTE:
ALL FRAMING DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD. WALL SHEATHING THICKNESS IS NOT INCLUDED IN DIMENSIONS, UNLESS SPECIFICALLY NOTED.

STRUCTURAL NOTE:
INTERIOR 4x4 AND 4x6 POSTS (BOTH P.T. AND ENGINEERED WOOD) ARE INDICATED ON THIS PLAN FOR REFERENCE. SEE FOUNDATION PLAN AND FLOOR FRAMING PLAN FOR CALL OUTS OF POST AND REQUIRED STRAPPING AND ANCHORAGE.

DATE	REMARKS
03.18.13	PERMIT SET

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A2

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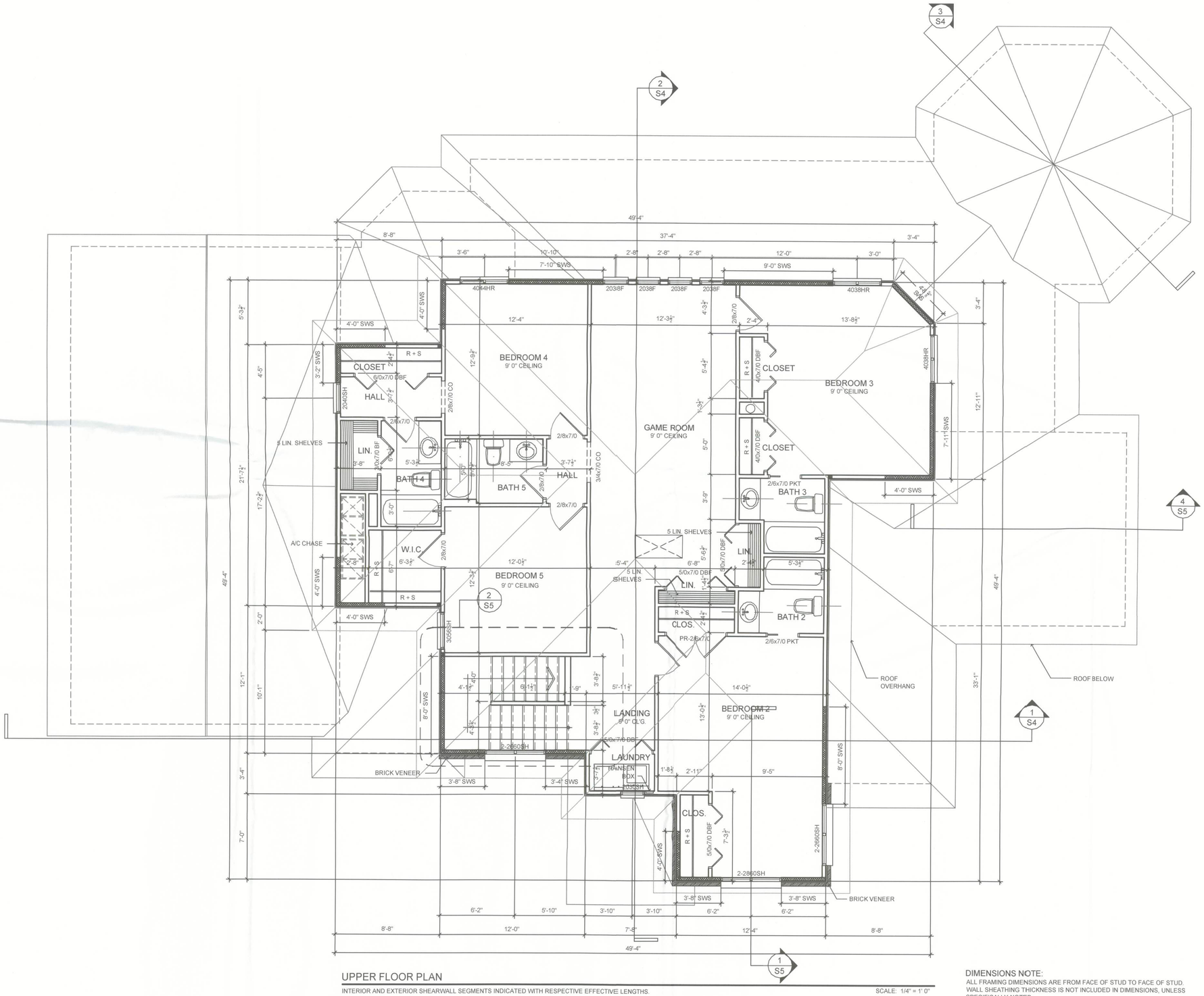

UPPER FLOOR PLAN

INTERIOR AND EXTERIOR SHEARWALL SEGMENTS INDICATED WITH RESPECTIVE EFFECTIVE LENGTHS.

SHEARWALLS SHALL BE CONSTRUCTED WITH HOLD-DOWN HARDWARE PER DETAILS SHOWN ON STRUCTURAL DRAWINGS.

SHEARWALL SHEATHING SHALL BE 1/2" W.S.P. NAILED WITH 8d RING-SHANK GUN NAILS AT 4" O.C. ON EDGES AND ENDS AND 6" O.C. IN FIELD.

SCALE: 1/4" = 1' 0"

DIMENSIONS NOTE:
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PARCEL NO. 36-3S-16-02600-000

SHEET NUMBER

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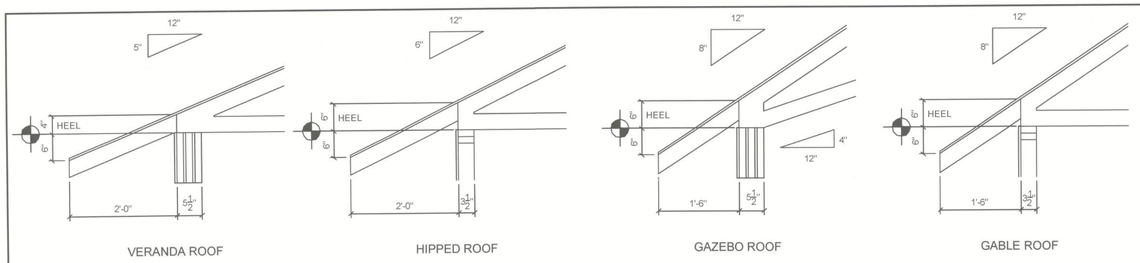
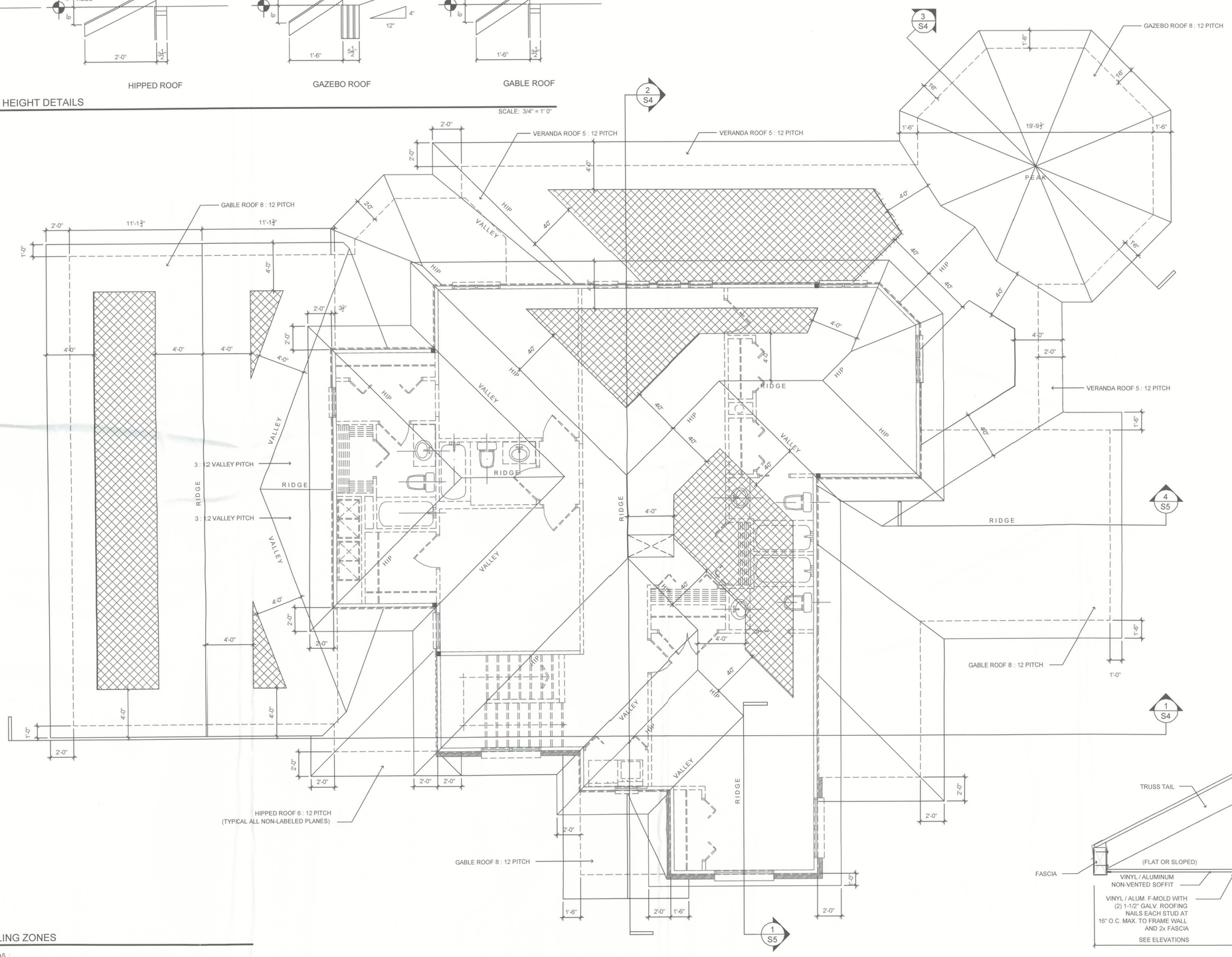
PROJECT NO. 130103



TRUSS HEEL HEIGHT DETAILS

SCALE: 3/4" = 1' 0"



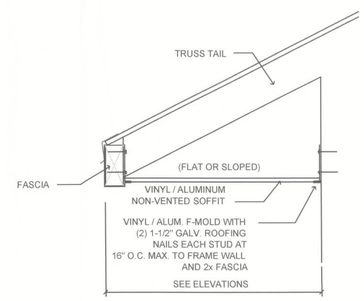
TRUSS NAILING ZONES

NON-SHADED AREAS :
8d RING SHANK GUN NAILS AT 4" O.C. ON EDGES AND 6" O.C. IN FIELD

SHADED AREAS :
8d RING SHANK GUN NAILS AT 6" O.C. ON EDGES AND 6" O.C. IN FIELD

ROOF PLAN

SCALE: 1/4" = 1' 0"



SOFFIT CONNECTION DETAIL

NOT TO SCALE

DATE	REMARKS
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REAR ELEVATION

SCALE: 1/4" = 1' 0"

FRONT ELEVATION

SCALE: 1/4" = 1' 0"

DATE	REMARKS
03.18.13	PERMIT SET

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A5

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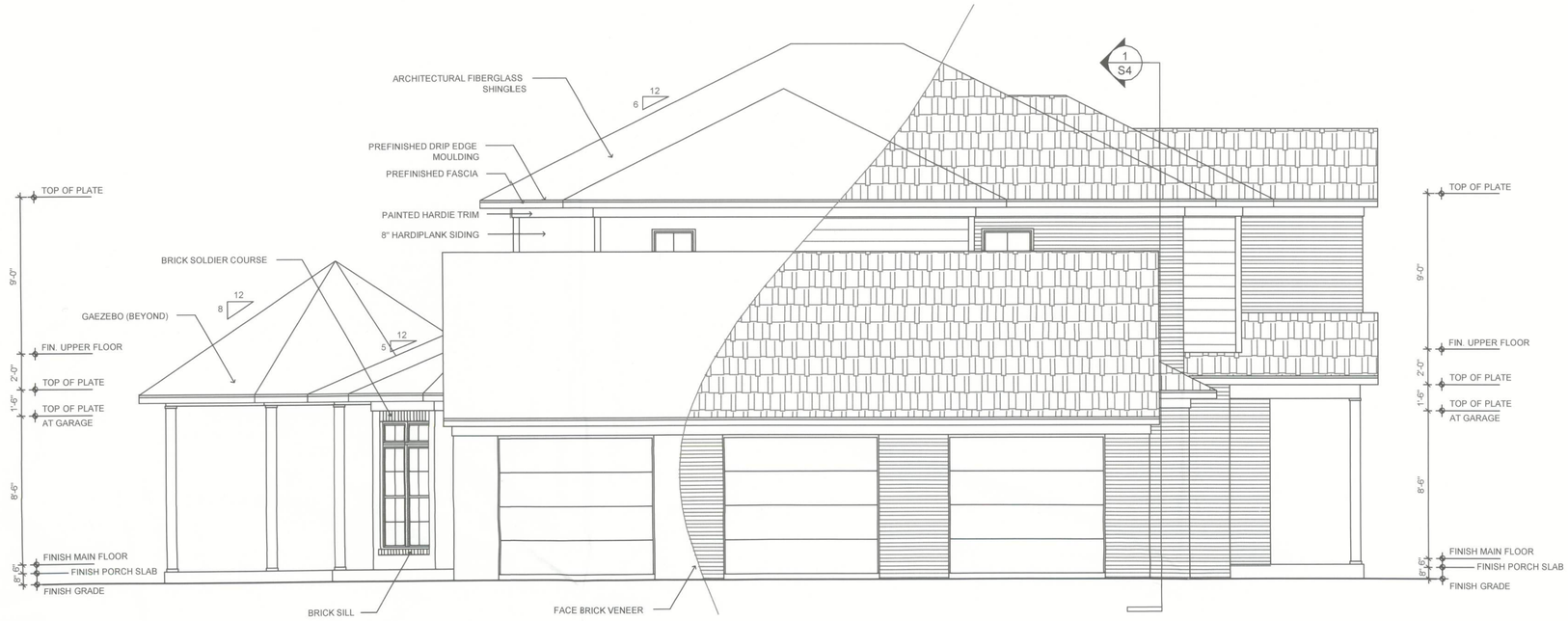
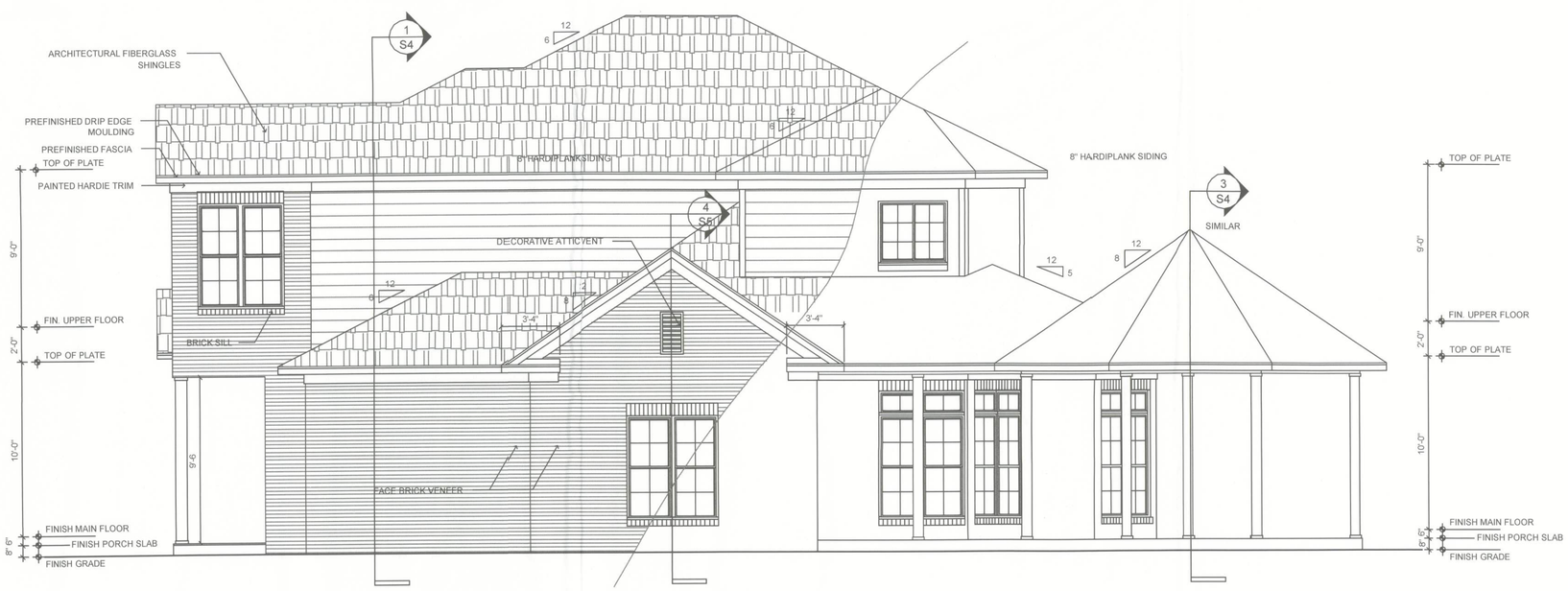


LEFT ELEVATION

SCALE: 1/4" = 1' 0"



RIGHT ELEVATION

SCALE: 1/4" = 1' 0"

DATE	REMARKS
03.18.13	PERMIT SET

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PARCEL NO. 36-3S-16-02600-000

SHEET NUMBER

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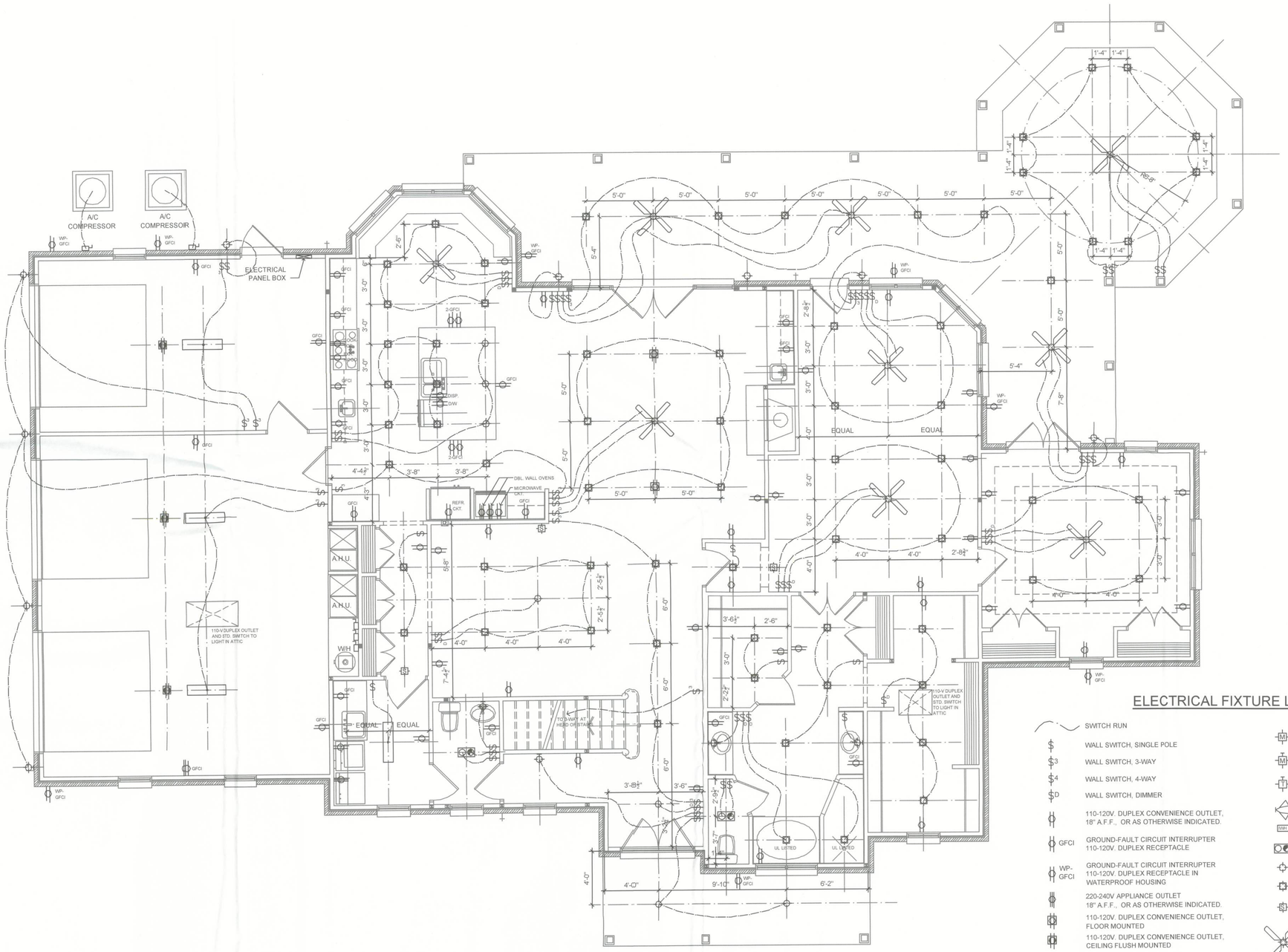
PROJECT NO. 130103



MAIN FLOOR ELECTRICAL PLAN

SCALE: 1/4" = 1' 0"

ALL RECEPTACLES, LIGHTING, AND SAFETY PROTECTION DEVICES (I.E. SMOKE DETECTORS, CARBON MONOXIDE DETECTORS, ETC.) SHALL BE ON CIRCUITRY PROTECTED BY A U.L.-LISTED ARC-FAULT CIRCUIT INTERRUPTER (EXCEPT IN LAUNDRY, KITCHEN, BATHS, GARAGE AND PORCHES).

ALL RECEPTACLES SHALL BE U.L.-LISTED TAMPER-RESISTANT AND OUTDOOR GFCI RECEPTACLES SHALL BE WEATHER-RESISTANT.

PROVIDE SMOKE DETECTORS IN ALL SLEEPING ROOMS AND WITHIN THE IMMEDIATE VICINITY OF SLEEPING ROOMS AND CARBON MONOXIDE DETECTORS WITHIN 10 FEET OF ALL SLEEPING ROOMS.

ALL SMOKE DETECTORS ARE TO HAVE BATTERY BACK-UP AND BE HARD-WIRED AND INTERCONNECTED SO THAT IN THE EVENT THAT ONE IS ACTIVATED, ALL ARE ACTIVATED.

ELECTRICAL FIXTURE LEGEND

- SWITCH RUN
- $ — WALL SWITCH, SINGLE POLE
- $3 — WALL SWITCH, 3-WAY
- $4 — WALL SWITCH, 4-WAY
- $D — WALL SWITCH, DIMMER
- 110-120V. DUPLEX CONVENIENCE OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED.
- GFCI — GROUND-FAULT CIRCUIT INTERRUPTER 110-120V. DUPLEX RECEPTACLE
- WP-GFCI — GROUND-FAULT CIRCUIT INTERRUPTER 110-120V. DUPLEX RECEPTACLE IN WATERPROOF HOUSING
- 220-240V APPLIANCE OUTLET 18" A.F.F., OR AS OTHERWISE INDICATED.
- 110-120V. DUPLEX CONVENIENCE OUTLET, FLOOR MOUNTED
- 110-120V. DUPLEX CONVENIENCE OUTLET, CEILING FLUSH MOUNTED
- POWER SWITCH / DISCONNECT
- WALL LIGHT / SCONCE SURFACE MOUNTED, 150W. MAX.
- COACH LIGHT SURFACE MOUNTED, 150W. MAX.
- M — MEDIA OUTLET, FLOOR MOUNTED
- M — MEDIA OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED
- T — TELEPHONE OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED
- DOUBLE ADJUSTABLE FLOOD LIGHT
- WH — INSTANTANEOUS WATER HEATER
- COMBO FAN/LIGHT
- CEILING LIGHT SURFACE MOUNTED, 150W. MAX.
- CEILING LIGHT RECESS MOUNTED, 150W. MAX.
- COMBO SMOKE / CARBON MONOXIDE ALARM HARD-WIRED & INTERCONNECTED
- CEILING FAN WITH LIGHT KIT
- 4-LAMP FLUORESCENT WITH ACRYLIC LENS SURFACE MOUNT
- LED ROPE LIGHT (INDIRECT)

DATE	REMARKS
03.14.13	PERMIT SET

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3/18/13

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468 NW HACKNEY TERRACE, LAKE CITY, FL 32055
PARCEL NO. 36-3S-16-02600-000

SHEET NUMBER

E1

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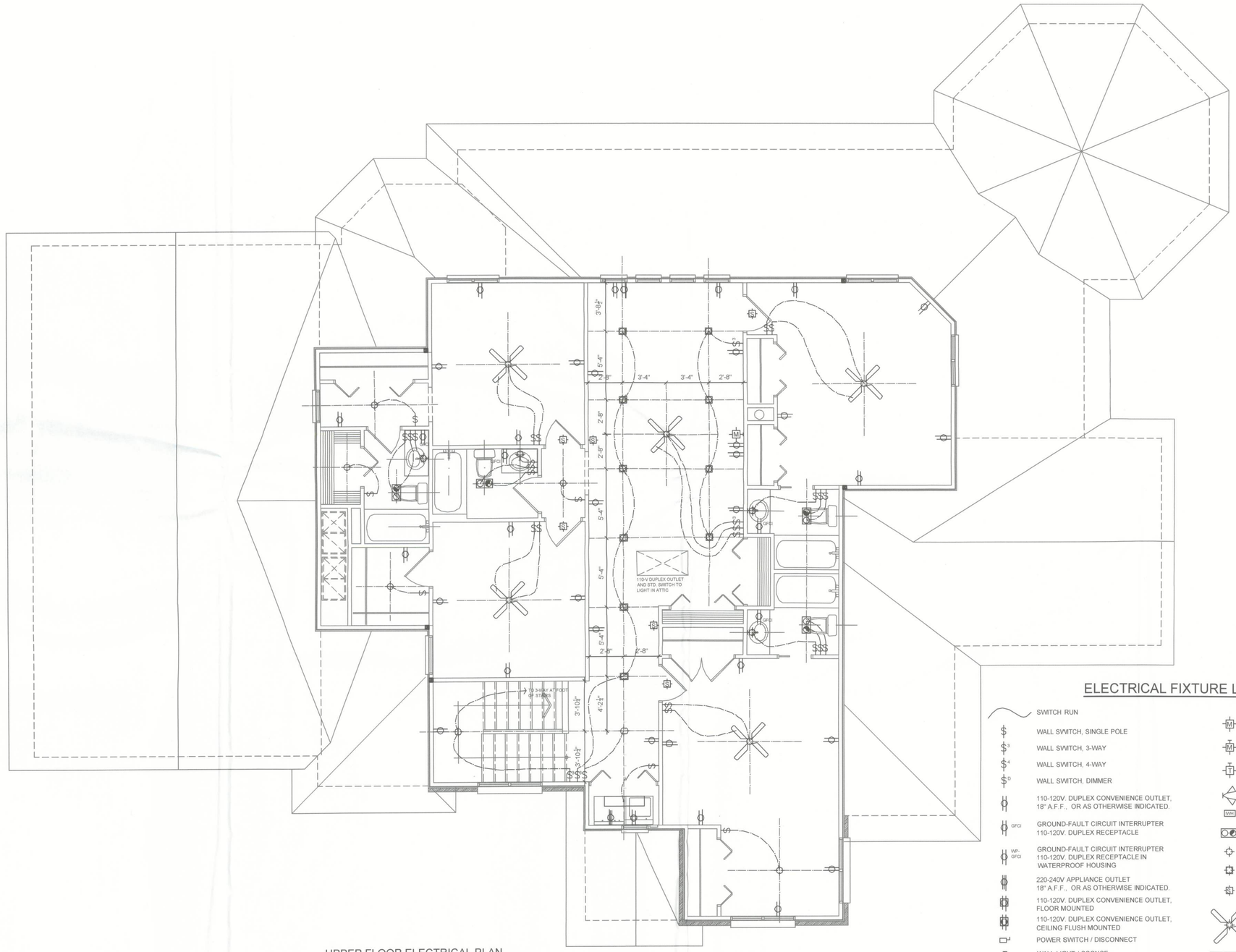

UPPER FLOOR ELECTRICAL PLAN

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ALL RECEPTACLES, LIGHTING, AND SAFETY PROTECTION DEVICES (I.E. SMOKE DETECTORS, /CARBON MONOXIDE DETECTORS, ETC.) SHALL BE ON CIRCUITRY PROTECTED BY A U.L.-LISTED ARC-FAULT CIRCUIT INTERRUPTER (EXCEPT IN LAUNDRY, KITCHEN, BATHS, GARAGE AND PORCHES).

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- WH — INSTANTANEOUS WATER HEATER
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- CEILING FAN WITH LIGHT KIT
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- LED ROPE LIGHT (INDIRECT)

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E2

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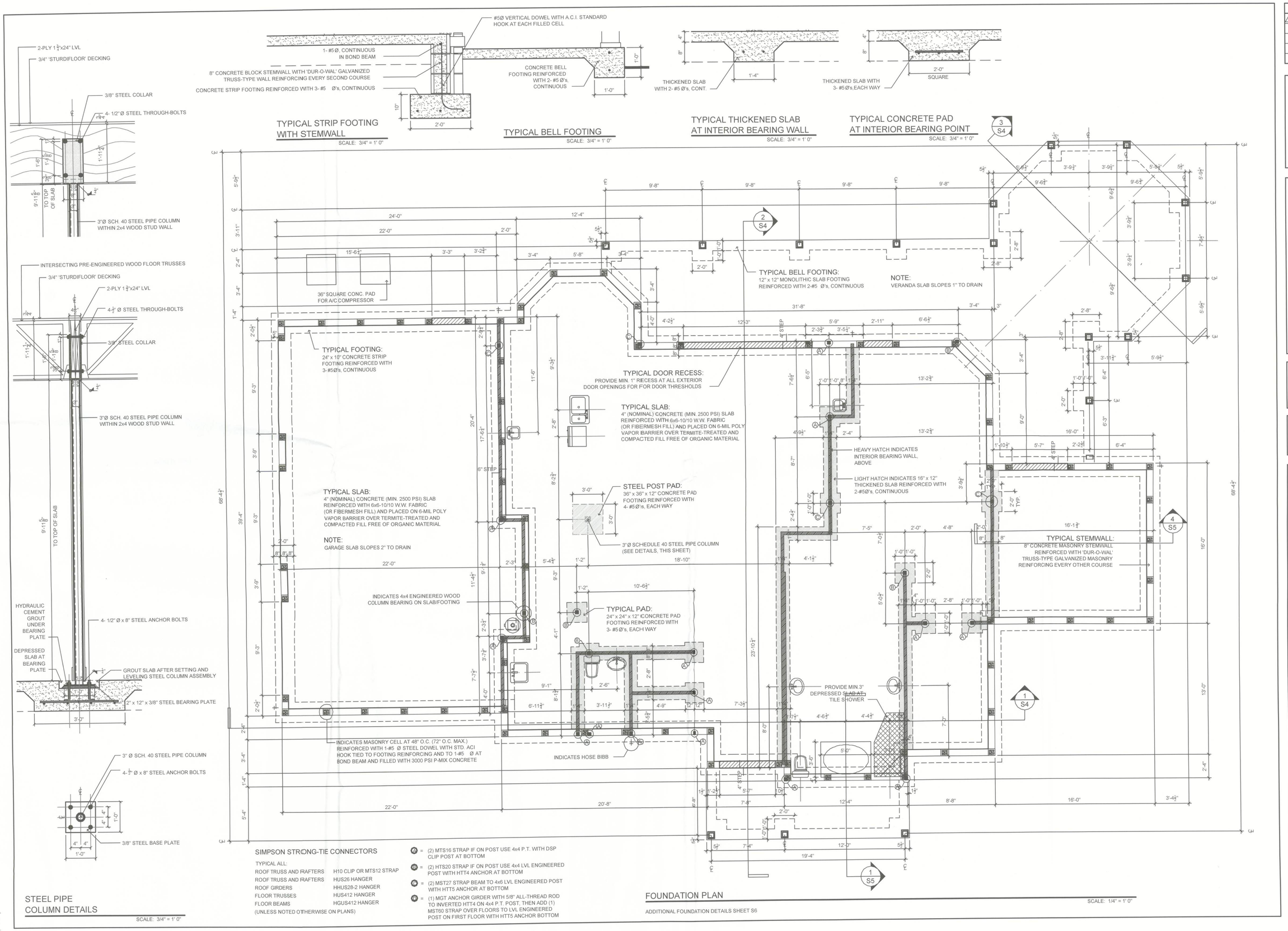

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PARCEL NO. 36-3S-16-02600-000

SHEET NUMBER
S1

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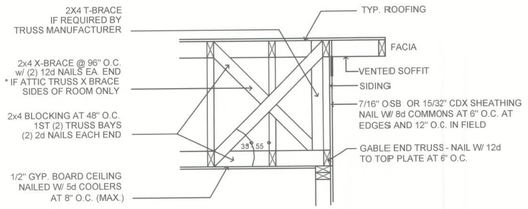
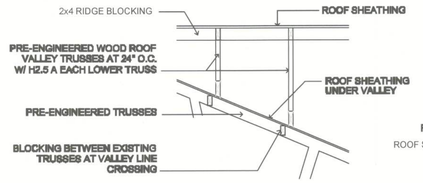


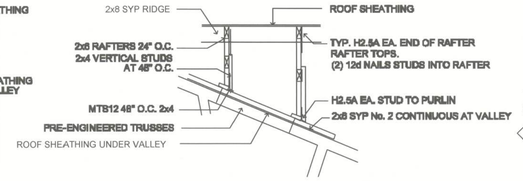
4 S2 GABLE END FRAMING AND BRACING DETAIL

NOT TO SCALE



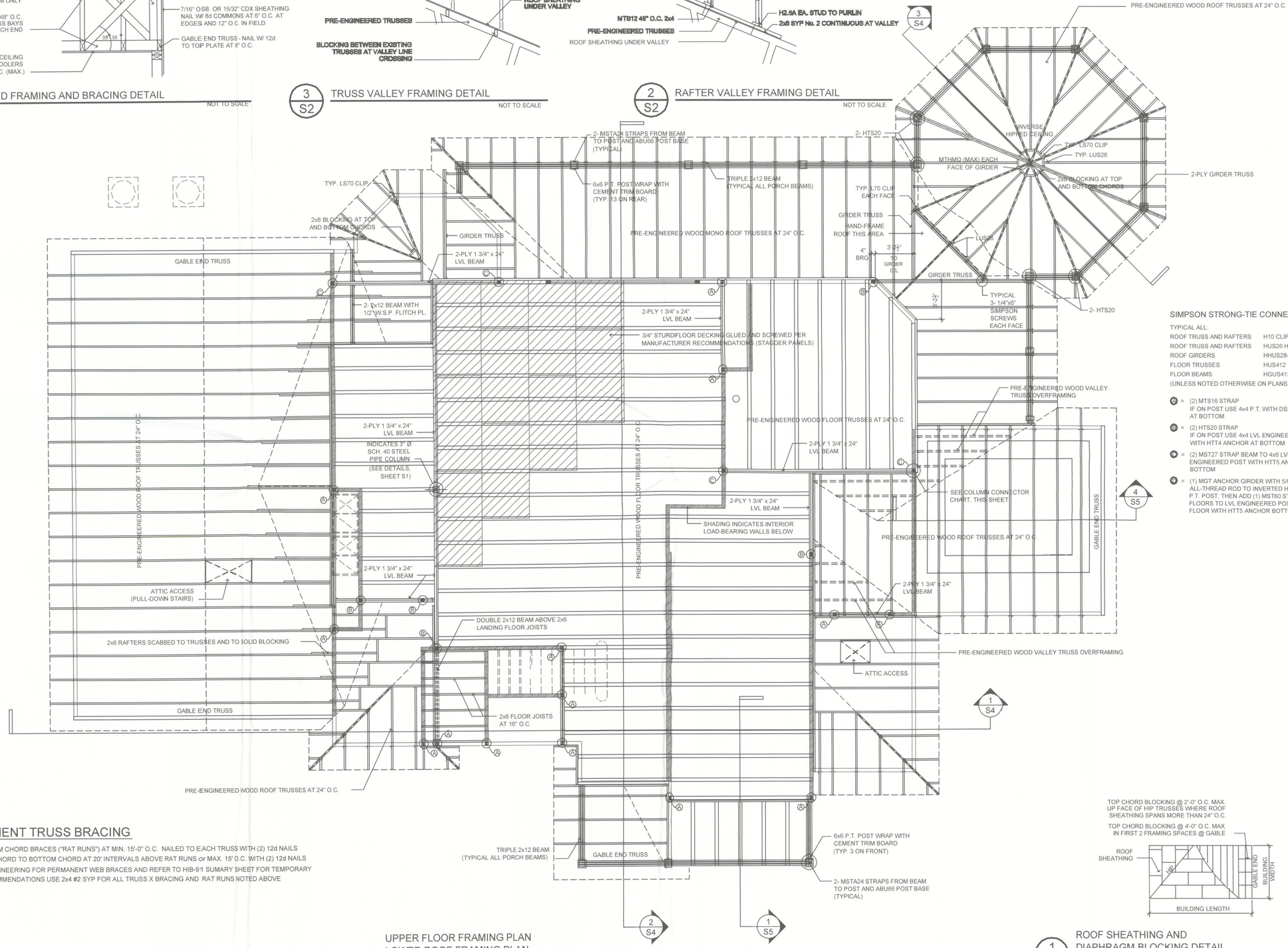
3 S2 TRUSS VALLEY FRAMING DETAIL

NOT TO SCALE



2 S2 RAFTER VALLEY FRAMING DETAIL

NOT TO SCALE



SIMPSON STRONG-TIE CONNECTORS

TYPICAL ALL:

ROOF TRUSS AND RAFTERS	H10 CLIP OR MTS12 STRAP
ROOF TRUSS AND RAFTERS	HUS26 HANGER
ROOF GIRDERS	HHUS28-2 HANGER
FLOOR TRUSSES	HUS412 HANGER
FLOOR BEAMS	HGUS412 HANGER

(UNLESS NOTED OTHERWISE ON PLANS)

Ⓐ = (2) MTS16 STRAP IF ON POST USE 4x4 P.T. WITH DSP CLIP POST AT BOTTOM

Ⓑ = (2) HTS20 STRAP IF ON POST USE 4x4 LVL ENGINEERED POST WITH HTT4 ANCHOR AT BOTTOM

Ⓒ = (2) MST27 STRAP BEAM TO 4x6 LVL ENGINEERED POST WITH HTT5 ANCHOR AT BOTTOM

Ⓓ = (1) MGT ANCHOR GIRDER WITH 5/8" ALL-THREAD ROD TO INVERTED HTT4 ON 4x4 P.T. POST, THEN ADD (1) MST60 STRAP OVER FLOORS TO LVL ENGINEERED POST ON FIRST FLOOR WITH HTT5 ANCHOR BOTTOM

PERMANENT TRUSS BRACING

ATTACH BOTTOM CHORD BRACES ("RAT RUNS") AT MIN. 15'-0" O.C. NAILED TO EACH TRUSS WITH (2) 12d NAILS
X-BRACE TOP CHORD TO BOTTOM CHORD AT 20' INTERVALS ABOVE RAT RUNS or MAX. 15' O.C. WITH (2) 12d NAILS
SEE TRUSS ENGINEERING FOR PERMANENT WEB BRACES AND REFER TO HIB-91 SUMARY SHEET FOR TEMPORARY BRACING RECOMMENDATIONS USE 2x4 #2 SYP FOR ALL TRUSS X BRACING AND RAT RUNS NOTED ABOVE

UPPER FLOOR FRAMING PLAN
LOWER ROOF FRAMING PLAN

SCALE: 1/4" = 1' 0"

SIMPSON H10 CLIP EACH END OF EACH ROOF TRUSS UNLESS NOTED OTHERWISE

ALL TRUSS-TO-TRUSS CONNECTORS FURNISHED BY TRUSS MANUFACTURER

1 S2 ROOF SHEATHING AND DIAPHRAGM BLOCKING DETAIL

NOT TO SCALE

	DATE	REMARKS
1	03.18.13	PERMIT SET

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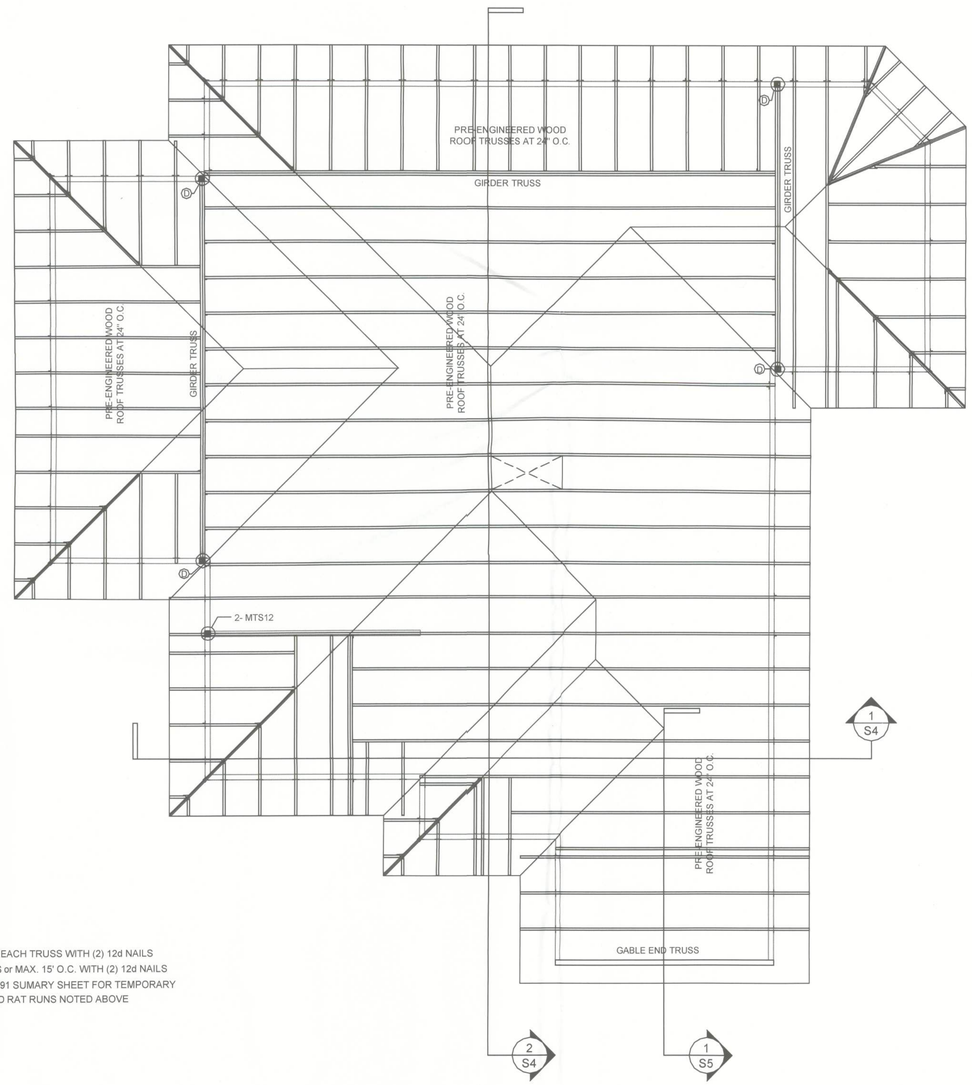
PARCEL NO. 36-3S-16-02600-000

SHEET NUMBER

S2

PROJECT NO. 130103



PERMANENT TRUSS BRACING

ATTACH BOTTOM CHORD BRACES ("RAT RUNS") AT MIN. 15'-0" O.C. NAILED TO EACH TRUSS WITH (2) 12d NAILS
X-BRACE TOP CHORD TO BOTTOM CHORD AT 20' IINTERVALS ABOVE RAT RUNS or MAX. 15' O.C. WITH (2) 12d NAILS
SEE TRUSS ENGINEERING FOR PERMANENT WEB BRACES AND REFER TO HIB-91 SUMARY SHEET FOR TEMPORARY
BRACING RECOMMENDATIONS USE 2x4 #2 SYP FOR ALL TRUSS X BRACING AND RAT RUNS NOTED ABOVE

UPPER ROOF FRAMING PLAN

SCALE: 1/4" = 1' 0"

SIMPSON H10 CLIP EACH END OF EACH TRUSS UNLESS NOTED OTHERWISE

ALL TRUSS-TO-TRUSS CONNECTORS FURNISHED BY TRUSS MANUFACTURER

SIMPSON STRONG-TIE CONNECTORS

TYPICAL ALL:

ROOF TRUSS AND RAFTERS	H10 CLIP OR MTS12 STRAP
ROOF TRUSS AND RAFTERS	HUS26 HANGER
ROOF GIRDERS	HHUS28-2 HANGER
FLOOR TRUSSES	HUS412 HANGER
FLOOR BEAMS	HGUS412 HANGER

(UNLESS NOTED OTHERWISE ON PLANS)

(a) = (2) MTS16 STRAP
IF ON POST USE 4x4 P.T. WITH DSP CLIP POST AT BOTTOM

(b) = (2) HTS20 STRAP
IF ON POST USE 4x4 LVL ENGINEERED POST WITH HTT4 ANCHOR AT BOTTOM

(c) = (2) MST27 STRAP BEAM TO 4x6 LVL ENGINEERED POST WITH HTT5 ANCHOR AT BOTTOM

(d) = (1) MGT ANCHOR GIRDER WITH 5/8" ALL-THREAD ROD TO INVERTED HTT4 ON 4x4 P.T. POST, THEN ADD (1) MST60 STRAP OVER FLOORS TO LVL ENGINEERED POST ON FIRST FLOOR WITH HTT5 ANCHOR BOTTOM

	DATE	REMARKS
1	03.18.13	PERMIT SET

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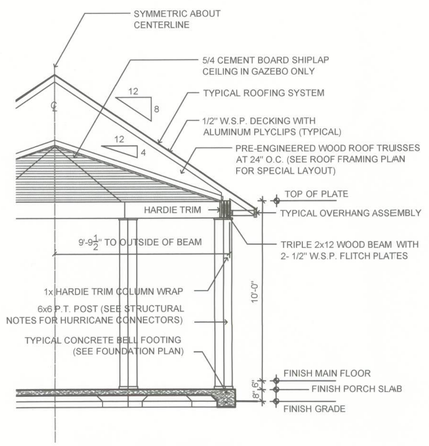
SHEET NUMBER

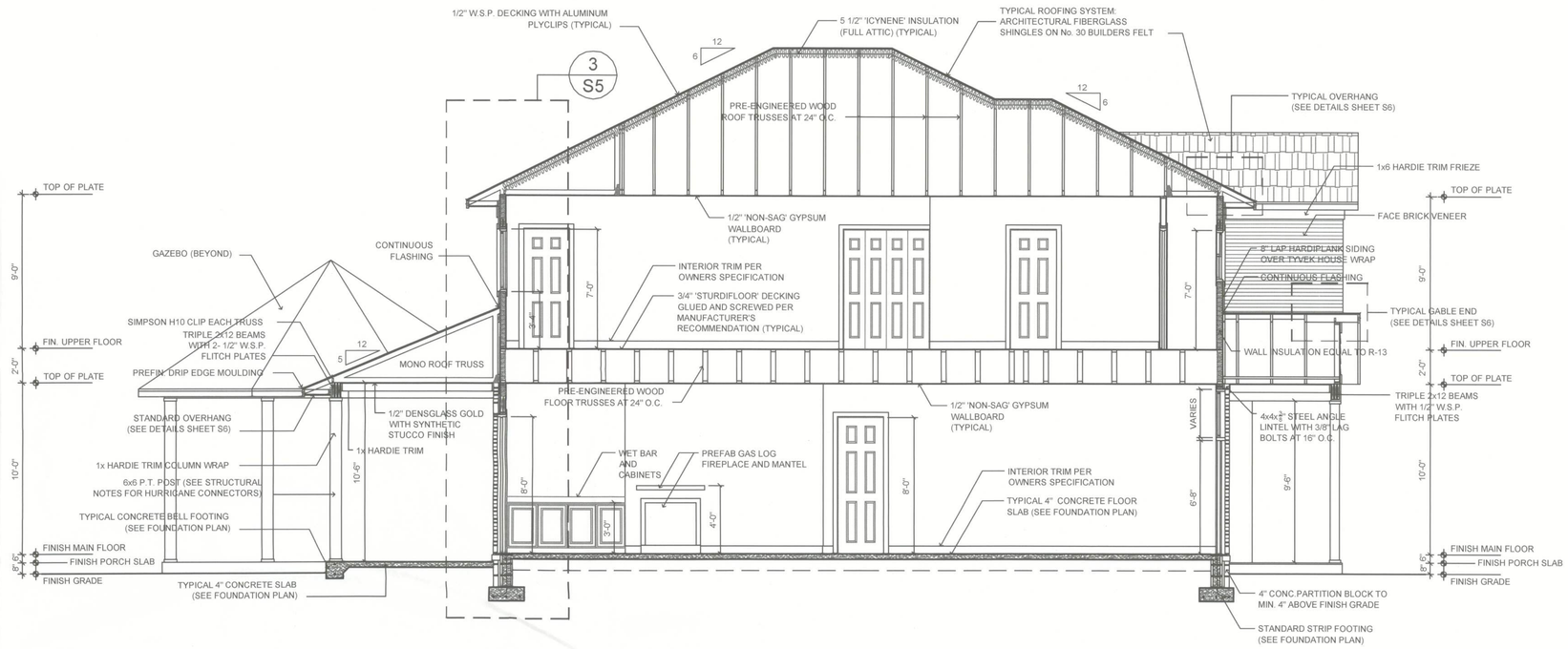
S3

PROJECT NO. 130103



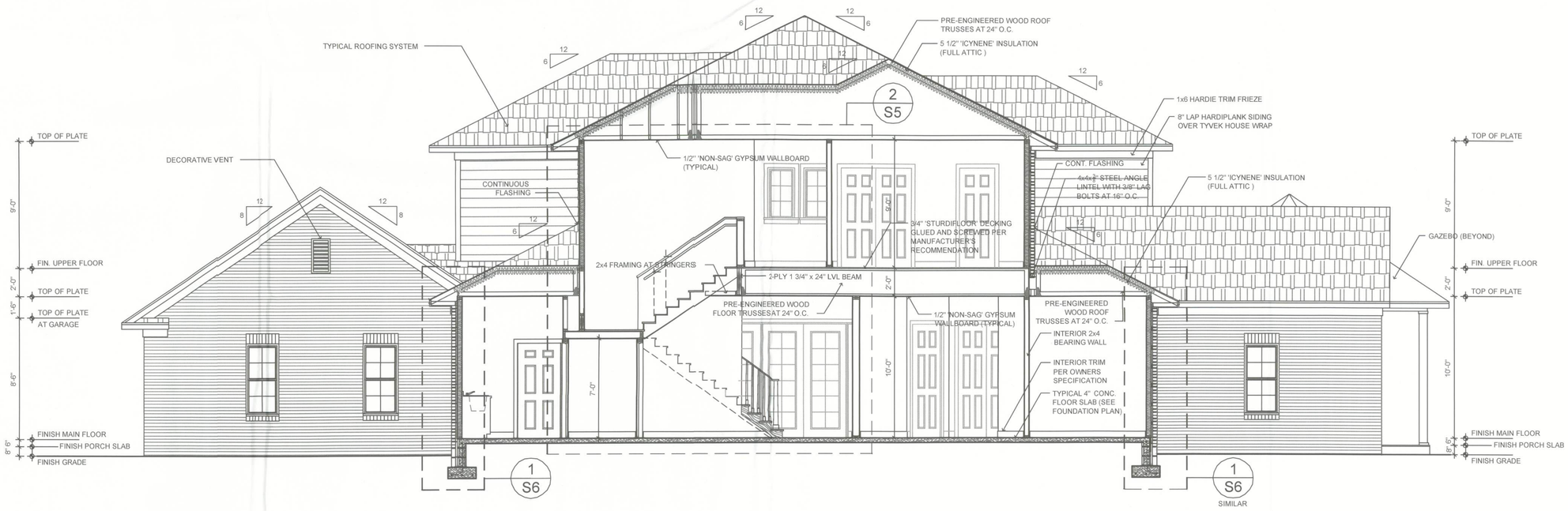
3/S4 SECTION

SCALE: 1/4" = 1' 0"



2/S4 FULL BUILDING SECTION

SCALE: 1/4" = 1' 0"



1/S4 FULL BUILDING SECTION

SCALE: 1/4" = 1' 0"

TYPICAL NOTES:

ANY NOTE DESCRIBING A TYPICAL CONDITION SHALL APPLY TO ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.

	DATE	REMARKS
△	03.18.13	PERMIT SET

d Ehlers 3/18/13

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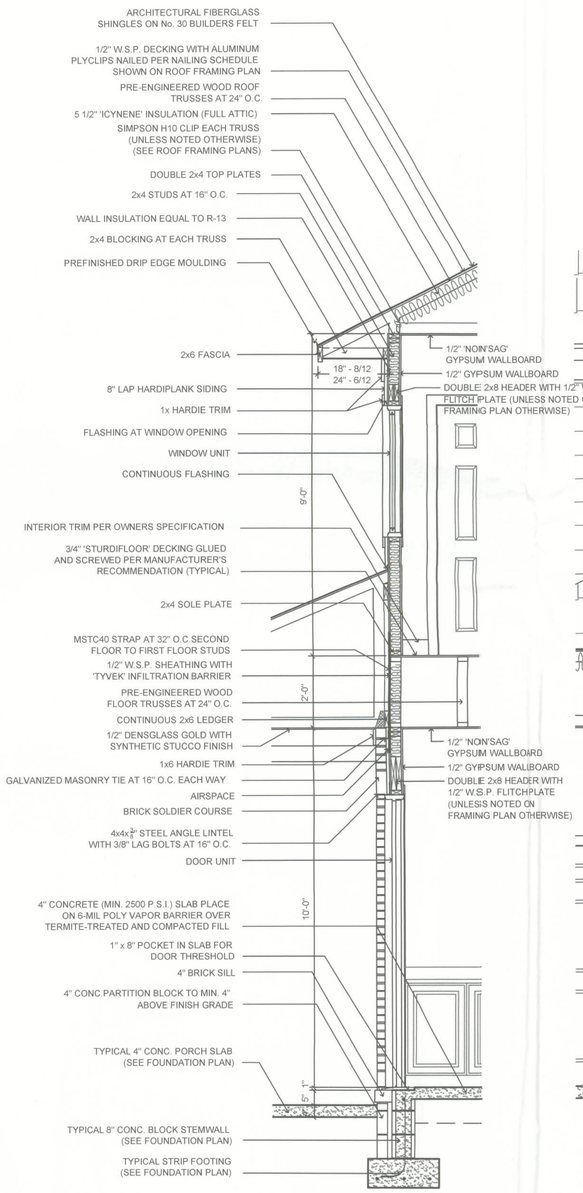
SHEET NUMBER

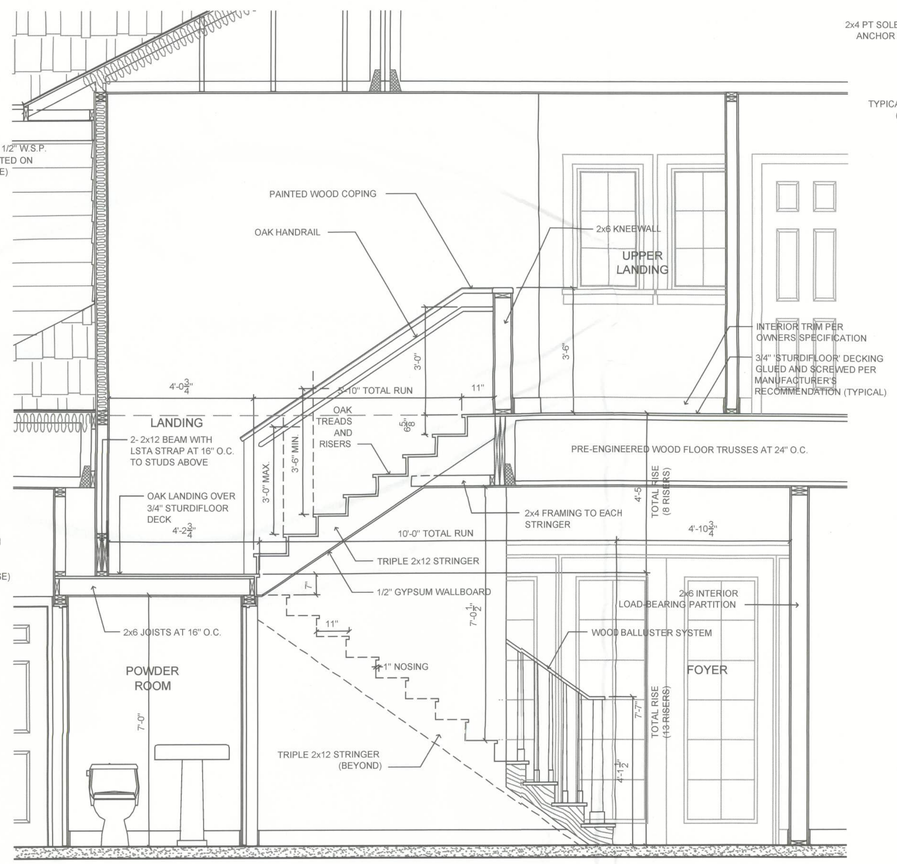
S4

PROJECT NO. 130103



3 S5 TYPICAL WALL SECTION (TWO STORY)

SCALE: 1/2" = 1' 0"



LOWER STAIR DATA

13 RISERS AT 7" = 7'-7" TOTAL RISE

12 TREADS AT 11" OVERALL TREAD WIDTH WITH 1" NOSING = 10'-0" TOTAL RUN

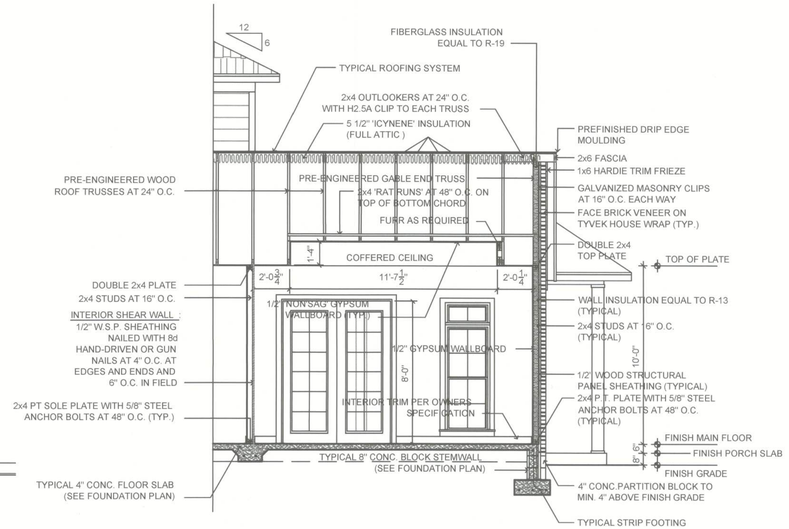
UPPER STAIR DATA

8 RISERS AT 6 5/8" = 4'-5" TOTAL RISE

7 TREADS AT 11" OVERALL TREAD WIDTH WITH 1" NOSING = 5'-10" TOTAL RUN

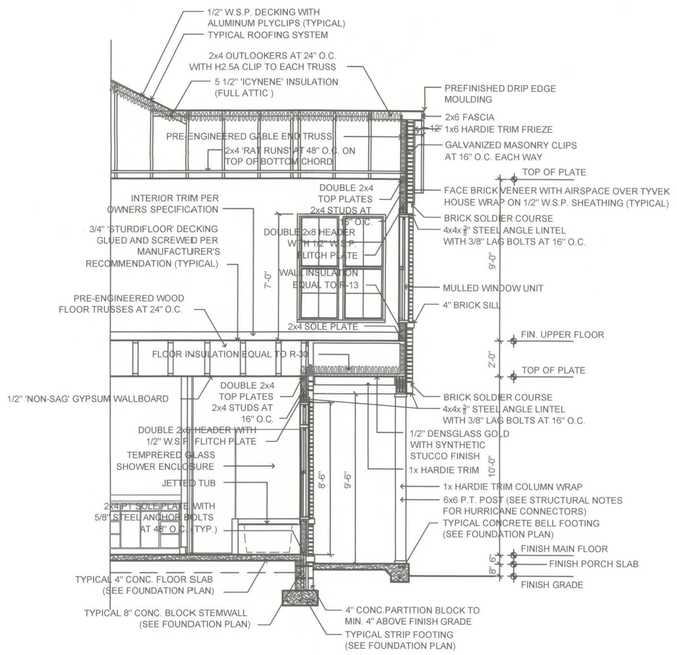
2 S5 STAIRS DETAILS

SCALE: 1/2" = 1' 0"



4 S5 SECTION

SCALE: 1/4" = 1' 0"



1 S5 SECTION

SCALE: 1/4" = 1' 0"

TYPICAL NOTES:

ANY NOTE DESCRIBING A TYPICAL CONDITION SHALL APPLY TO ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.

DATE	REMARKS
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4 Elec 3/18/13

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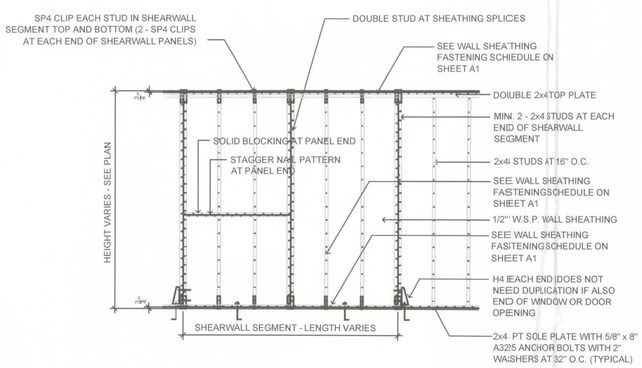
SHEET NUMBER

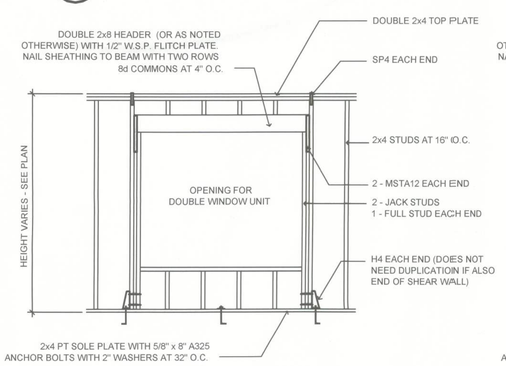
S5

PROJECT NO. 130103



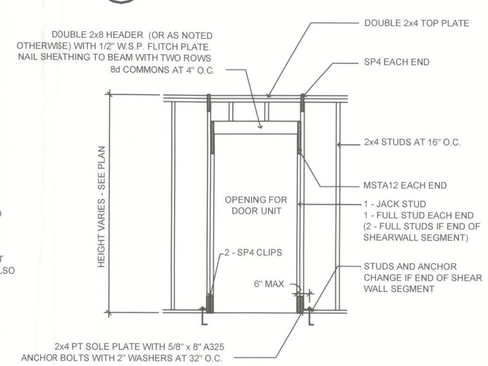
3/S6 SHEARWALL DETAILS

NOT TO SCALE



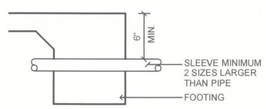
3/S6 HOLD-DOWN DETAILS

NOT TO SCALE



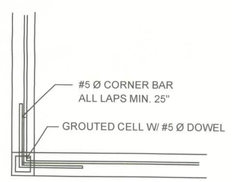
2/S6 HOLD-DOWN DETAILS

NOT TO SCALE



6/S6 FOOTING PENETRATION DETAIL

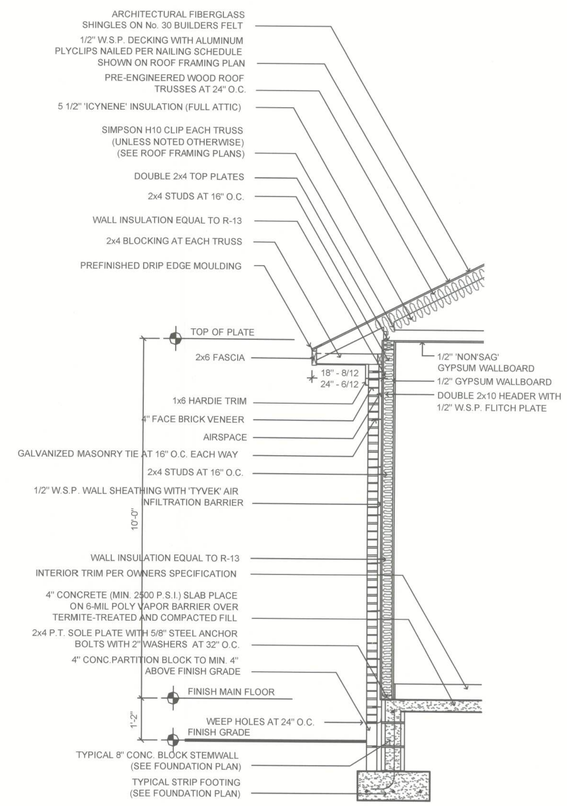
NOT TO SCALE



TYPICAL REBAR LAP AT CORNERS, TIE BEAMS & FOOTINGS

5/S6 CONTINUITY OF CORNERS

NOT TO SCALE



1/S6 TYPICAL WALL SECTION (ONE STORY)

SCALE: 3/4" = 1' 0"

TYPICAL NOTES:

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DATE	REMARKS
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3/18/13

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S6

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