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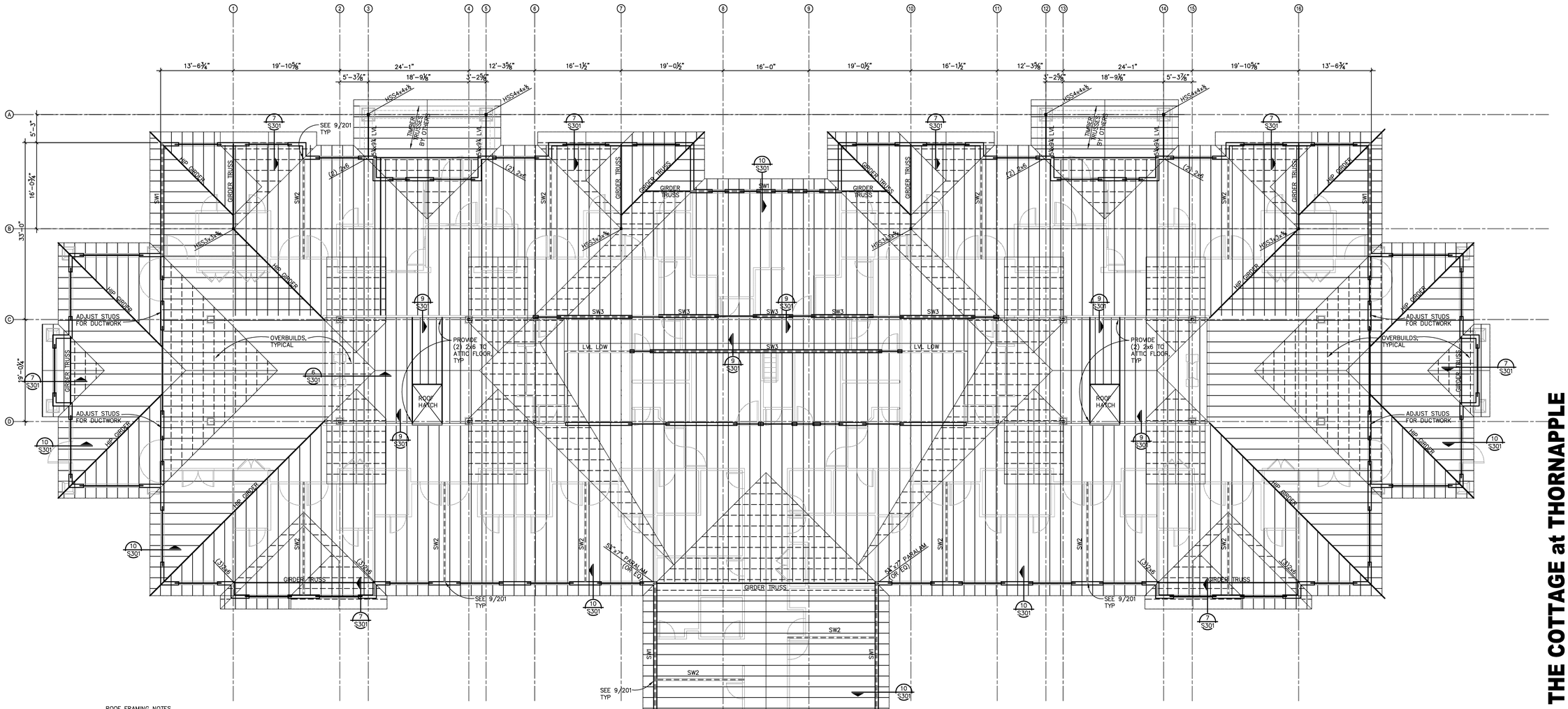

ROOF FRAMING NOTES

1. LOAD BEARING WALL CONSTRUCTION SHALL BE 2x6 STUDS AT 16" OC UNO TOP PLATES SHALL BE LSL MATERIAL.
2. ROOF CONSTRUCTION CONSISTS OF WOOD TRUSSES (OR OVER BUILDS) AT A MAXIMUM 24" ON CENTER SHEATHED WITH ⅝" APA RATED SHEATHING NAILTED TO ROOF TRUSSES WITH 8d NAILS AT 6" OC AT PANEL EDGES & 12" OC AT INTERMEDIATE SUPPORTS. FASTENER SPACING AT ROOF BOUNDARY EDGES SHALL BE 8d NAILS AT 4" OC.
3. ROOF TRUSS BEARING ELEVATION VARIES. TYPICAL ROOF TRUSS BEARING IS ELEVATION 110'-6".
4. = = = = "SWx" INDICATES SHEAR WALL SEE SCHEDULE.
5. FOR TYPICAL WALL PLATE SPLICE DETAIL SEE 11/S301.
6. FOR ALL STRUCTURAL HEADERS, SEE S112.
7. TRUSS SUPPLIER TO PROVIDE ALL NECESSARY HANGERS AND CONNECTIONS FOR WOOD TO WOOD CONSTRUCTION.
8. ALL EXTERIOR SHEATHING SHALL BE ½" APA RATED SHEATHING UNO.
9. FOR DIMENSIONS NOT SHOWN SEE S110 & ARCHITECTURAL.

NORTH

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

SHEAR WALL SCHEDULE

MARK	END STUDS	WALL SHEATHING	SHEATHING ATTACHMENT	BOTT WALL DETAIL	TOP WALL DETAIL	END OF WALL UPLIFT	SHEAR WALL LOAD	HOLDOWN @ BASE OF WALL
SW1	(3) 2x UNO	½" APA SHEATHING OUTSIDE ⅝" GYPSUM SHEATHING INSIDE	8d NAILS AT 6" OC EDGE PLYWOOD 6d COOLER NAILS AT 4" OC EDGE GYPSUM	10/S201	11/S301	5.5 KIPS	530 plf	HDU8-SDS2.5 EE w/ ⅞"Ø ANCHOR EMBED 24"
SW2	(3) 2x UNO	⅝" GYPSUM EA SIDE	6d COOLER NAILS AT 4" OC EDGE	9&10/S201	20/S301	3.3 KIPS	308 plf	HDU4-SDS2.5 EE w/ ⅝"Ø ANCHOR EMBED 14"
SW3	(3) 2x UNO	⅝" GYPSUM EA SIDE	6d COOLER NAILS AT 4" OC EDGE	9/S201	9&14/S301	3.3 KIPS	345 plf	HDU4-SDS2.5 EE w/ ⅝"Ø ANCHOR EMBED 14"
SW4	(3) 2x UNO	½" APA SHEATHING OUTSIDE ⅝" GYPSUM SHEATHING INSIDE	8d NAILS AT 6" OC EDGE PLYWOOD 6d COOLER NAILS AT 4" OC EDGE GYPSUM	10/S201	20/S301 TRUSS ALIGN	5.5 KIPS	320 plf	HDU8-SDS2.5 EE w/ ⅞"Ø ANCHOR EMBED 24"

Shear Wall Notes:
1. All panel edges shall be blocked with 2x blocking. Panels applied to both sides shall have panel edges offset on different framing members see 19/S301.
2. Fasteners shall be located a minimum of ⅜" away from panel edge.
3. End studs shall be fastened together with 10d nails at 6"oc (staggered)
4. All nailing within the field of the sheathing shall be done at 12" oc UNO..
5. At opening nail plywood edges matching the shear wall schedule.
6. All nails shall be common nails w/ a minimum of 1½" penetration into studs, or power driven nail equivalent fastening.
   8d shall be 2½"x0.131" common or 2⅜"x0.113" galvanized box.
   10d shall be 3"x0.148" common or 3"x0.128" galvanized box.
   6d cooler shall be 1⅞"x0.092" or wallboard 0.120" nail min ⅜" head & 1⅞" long.
7. See plans for specific details not shown in schedule.
8. Where shear walls connect to exterior walls see detail 9/S201.

THE COTTAGE at THORNAPPLE
Hastings, MI

PROJ. NO.: 2011-11-021

11/17/11	100% DESIGN DEVELOPMENT
02/07/12	QUALITY REVIEW
02/21/12	ISSUED FOR BIDS

CONSTRUCTION MANAGER
CM CONTRACTING
CIVIL ENGINEER
HURLEY & STEWART
STRUCTURAL ENGINEER
JDH ENGINEERING
M/E/P ENGINEER
E2W ENGINEERING
FOOD SERVICE CONSULTANT
MILLIS & ASSOCIATES

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ROOF FRAMING PLAN

S113