

PROJECT SCOPE: ADDITION TO A SINGLE FAMILY RESIDENCE

[illegible]

STEEL NOTES

ALL STRUCTURAL STEEL FOR BEAMS AND PLATES SHALL COMPLY WITH A.S.T.M. SPECIFICATION A-36. ALL STRUCTURAL STEEL FOR COLUMN SHALL COMPLY WITH A.S.T.M. SPECIFICATION A-572 GRADE 50. ALL REINFORCING STEEL FOR CONCRETE SHALL COMPLY WITH A.S.T.M. SPECIFICATION A-63 GRADE 60.

GYP&M NOTES

PROVIDE 5/8" REGULAR GYPSUM BOARD THROUGHOUT ENTIRE STRUCTURE EXCEPT AS NOTED.

PROVIDE 1/2" TYPE "X" FIRE RATED GYPSUM BOARD THROUGHOUT CORNERS AND WALLS COUPLER TO WOODS.

1. GARAGE ATTIC PROVIDE 5/8" GIB ON ALL ATTIC ACCESS PANELS.

2. PROVIDE RESISTANT GYPSUM BOARD ON ALL ATTIC ACCESS PANELS.

PROVIDE CORKBOAR ON EQUAL OR ALL TILED AREA OF THE DECKS AND BACKUP STAIRS.

ALL CEILING AND WALLS SHALL HAVE A FINISH (FINISH LEVEL 5).

FIREPLACE NOTES

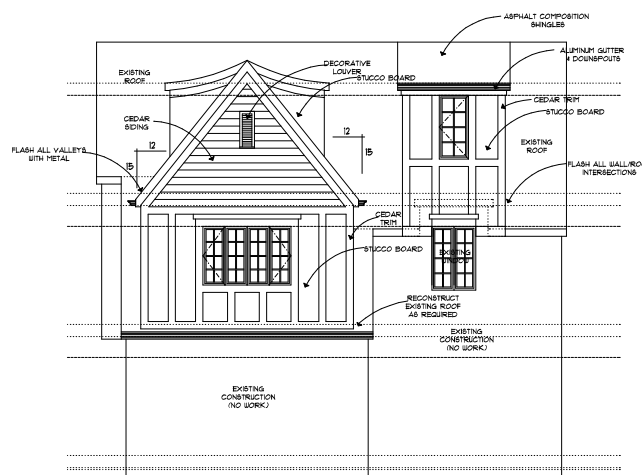
ALL CHIMNEYS AND FIREPLACES SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE ACT AND AS INSTALLED PER THE ORDINANCES. BE SURE THE LOCAL GOVERNING JURISDICTION HAS GIVEN CERTIFICATION. IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THE BODDY OF APPROVED DIMENSION FOR ALL PREFAB FIREPLACES IT'S THE ACTUAL JAIL TO BE INSTALLED, PRIOR TO FRAMING.

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	SWITCH- SINGLE POLE
	SWITCH- THREE WAY
	SWITCH- FOUR WAY
	SWITCH- DIMMER
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE - FLOOR MOUNTED
	DUPLEX RECEPTACLE - GFI
	QUAD RECEPTACLE
	DUPLEX RECEPTACLE- WEATHERPROOF
	DUPLEX RECEPTACLE- 30 VOLT
	KEYLESS Fixture IN ATTIC SPACE
	CARBON MONOXIDE DETECTION
	CABLE OUTLET
	DATA OUTLET
	CEILING MOUNTED FIXTURE
	CEILING FAN
	DISCONNECT
	6" RECESSED LIGHT
	4" RECESSED LIGHT
	EXHAUST FAN
	EXHAUST FAN /LIGHT COMBO
	SERVICE METER
	SERVICE PANEL
	PENDANT MOUNTED FIXTURE
	SMOKE DETECTOR- HARD WIRED
	TELEPHONE OUTLET
	WALL MOUNTED FIXTURE
	MOTOR
	THERMOSTAT

NOTES: ELECTRICAL LAYOUT SHOWN IS SCHEMATIC, A WALK THROUGH SHALL BE SCHEDULED WITH THE OWNER AND ARCHITECT.

[illegible]

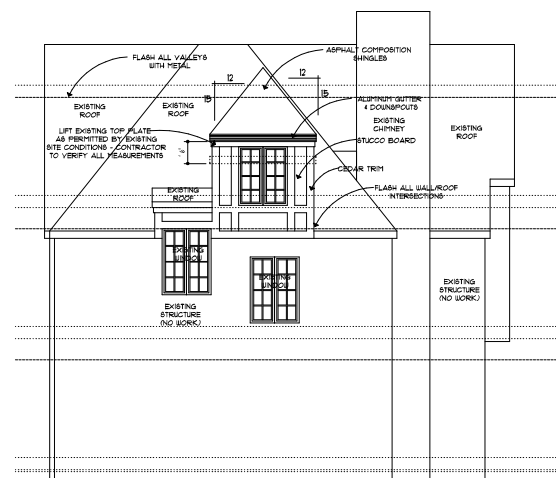


SCALE: 1/4" = 1' 0"

ALL MATERIALS TO MATCH EXISTING

NOTE:
ROOF PITCHES INDICATED
ARE APPROXIMATE AND SHALL
MATCH EXISTING AS CLOSELY
AS POSSIBLE

CONTRACTOR TO FIELD VERIFY
ALL DIMENSIONS PRIOR TO
CONSTRUCTION AND NOTIFY
ARCHITECT IMMEDIATELY
OF ANY CONFLICTS



SCALE: 1/4" = 1' 0"

ALL MATERIALS TO MATCH EXISTING

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ALL MATERIALS TO MATCH EXISTING

DESIGN LOADS			
COMPONENT	LIVE LOAD	DEAD LOAD	TOTAL LL
ATTIC (WALL & STORAGE)	20 P.S.F.	9 P.S.F.	29 P.S.F.
ATTIC (LIMITED STORAGE)	20 P.S.F.	5 P.S.F.	25 P.S.F.
ATTIC (NO STORAGE)	10 P.S.F.	5 P.S.F.	15 P.S.F.
DECKS	40 P.S.F.	9 P.S.F.	49 P.S.F.
EXTERIOR BALCONIES	60 P.S.F.	9 P.S.F.	69 P.S.F.
GARAGE/FILL AND HANDRAILS	220 P.S.F.	9 P.S.F.	229 P.S.F.
QUADRANT HILL COMPONENTS	50 P.S.F.	9 P.S.F.	59 P.S.F.
PANORAMIC (VARIABLE GARAGE)	50 P.S.F.	9 P.S.F.	59 P.S.F.
ROOM OVER NINE (FLEETING ROOM)	40 P.S.F.	9 P.S.F.	49 P.S.F.
SLEEPING ROOMS	30 P.S.F.	9 P.S.F.	39 P.S.F.
STAIRS	40 P.S.F.	9 P.S.F.	49 P.S.F.
ROOFS	20 P.S.F.	N.A.	20 P.S.F.
SHOW	20 P.S.F.	N.A.	20 P.S.F.
BEAMS	18 P.S.F.	N.A.	18 P.S.F.
SOL BRACING	2000 P.S.F.	N.A.	2000 P.S.F.

NOTES:
1. ASSUMED SOIL BEARING CAPACITY IS 2000 P.S.F. A GEOTECHNICAL
ENGINEER SHALL BE RETAINED AND THE ARCHITECT SHALL BE
NOTIFIED AT ONCE IF UNUSUAL OR UNSTABLE SOIL CONDITIONS EXIST.
2. NOTIFY ARCHITECT IF STONE OR TILE FLOORING IS TO BE USED.
3. NOTIFY ARCHITECT IF STONE OR TILE FLOORING IS TO BE USED.

MATERIAL SUMMARY		
SPACE	MATERIAL	HEIGHT
MAIN FLOOR	WOOD-2"x4"/2"x4"	8' 0"
UPPER FLOOR	WOOD-2"x4"/2"x4"	8' 0"
THIRD FLOOR	WOOD-2"x4"/2"x4"	7' 6"

AREA SUMMARY	
AREA	SIZE
UNFINISHED LOWER LEVEL	0.000 SQ.FT.
FINISHED LOWER LEVEL	0.000 SQ.FT.
MAIN LEVEL	95.00 SQ.FT.
UPPER LEVEL ADDITION	85.00 SQ.FT.
(UPPER LEVEL LEADING SPACE)	
THIRD FLOOR ADDITION	135.00 SQ.FT.
TOTAL HEATED AREA	230.00 SQ.FT.
GARAGE	0.000 SQ.FT.
ARRIVAL PORCH	0.000 SQ.FT.
FRIENDLY FAMILY PORCH	0.000 SQ.FT.
MAIN LEVEL COVERED REAR PORCH	0.000 SQ.FT.
UPPER LEVEL COVERED REAR PORCH	0.000 SQ.FT.
TOTAL PROJECT AREA	230.00 SQ.FT.

AREA CALCULATIONS ARE MADE FROM THE DISTANCE DATA OF EXISTING SURVEY CORNERS AND PREVIOUS AREA RECORDS. AREA CHANGES DUE TO OTHER ADJACENT AREAS OR UNRECORDED ENCROACHMENTS ARE NOT INCLUDED IN THESE FIGURES. THEY ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

	ISSUED FOR PERMIT + BEDDING	02 APRIL 20
	ISSUED FOR PERMIT + BEDDING	02 APRIL 20
	ISSUED FOR PERMIT + BEDDING	28 MARCH

REV. NO.	DESCRIPTION	DATE
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PRIVATE RESIDENCE:

LOCATION: 19835 ROSLYN DRIVE
ROCKY RIVER, OHIO 44116
CUYAHOGA COUNTY
PERMANENT PARCEL NUMBER: 301-06-011

EXTERIOR ELEVATIONS

SCALE:	JOB NUMBER:
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AS NOTED	24ZTEP
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DATE: _____

25 MARCH 2024

CAD FILE NAME:
C:\TRAINING\CENTRAL ARCHIVE\

RECEIVED	M. SCHUL	CT	SCHULRESIDENCE-PETZCAD
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REGISTERED ARCHITECT 1887

A-2

ATTENZIONE: SOLO I LICENZIATI POSSONO...

THE HENRY J. HALL, ENGINEER EXPIRATION DATE: 3/31/2025	DRAWING NUMBER
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ALTERNATE ATTACHMENTS

WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING AND PARTICLEBOARD WALL SHEATHING TO FRAMING

	NOMINAL MATERIAL THICKNESS (INCHES)	DESCRIPTION & OF FASTENERS (INCHES)	SPACING & OF FASTENERS	
			EDGE (INCHES)	INTERIOR (MINIMUM SPACING)
UP TO 1/2"		Suple 15 ga. #4	4	B
		0.091 - 0.099 Nail 24	3	B
		Suple 16 ga. #4	4	B
		0.13 Nail 2	3	B
5/32 and 3/8"		Suple 15 and 16 ga. #2	4	B
		0.091 - 0.099 Nail 24	4	B
		Suple 14 ga. #2	4	B
		Suple 15 ga. #4	3	B
3/16 and 1/4"		0.091 - 0.099 Nail 24	4	B
		Suple 16 ga. #2	4	B
		Suple 14 ga. #2	4	B
		0.13 Nail 24	3	B
1"		Suple B ga. #2	4	B
		0.091 - 0.099 Nail 24	4	B
		Suple 14 ga. #2	3	B
		0.091 - 0.099 Nail 24	4	B

FLOOR UNDERLAYMENT: PLYWOOD-HARDWOOD-PARTICLEBOARD F

	NOMINAL MATERIAL THICKNESS (INCHES)	DESCRIPTION & OF FASTENERS (INCHES)	SPACING & OF FASTENERS	
			EDGE (INCHES)	INTERIOR (MINIMUM SPACING)
PLYWOOD		1/4 in. or less, shall not re-inforce 25 ga. (0.091) 1/4" peak diameter	3	B
		Suple 18 ga. 1/8, 3/16 crown width	2	5
		1/2, 5/8, B-32, and 1/2	6	B
		1/4 in. or less, shall not re-inforce 25 ga. (0.091) 1/4" peak diameter	6	B
HARDBOARD F		1/4 in. or less, shall not re-inforce 25 ga. (0.091) 1/4" peak diameter	6	B
		Suple 16 ga. #2	6	B
		0.091	6	B
		1/8 long ring-nogged underlayment nail	6	B
PARTICLEBOARD		4d cement-coated shiner nail	6	B
		Suple 18 ga. 1/8 long (plastic coated)	3	B
		1/4 in. or less, shall not re-inforce 25 ga. (0.091) 1/4" peak diameter	6	B
		Suple 16 ga. #2	6	B

For 31 1/2" x 24 1/2" x 1/4" n.s.

A. Nail is a general description and may be 1-inch, modified round head or round head.

B. Nails shall have a minimum crown width of 3/16-inch or diameter except as noted.

C. Nails or staples shall be spaced at not more than 6 inches or center at all supports where gaps are 48 inches or greater. Nails or staples shall be spaced at not more than 12 inches or center at intermediate supports or floors.

D. Fasteners shall be placed in a grid pattern throughout the body of the panel.

E. For 3/8 panels, intermediate nails shall be spaced at not more than 12 inches or center each way.

F. Underlayment underlayment shall conform to COLLIERIE 1.05.4.

REQUIREMENTS FOR WOOD STRUCTURAL PANEL WALL SHEATHING USED TO RESIST WIND PRESSURES *app*

MINIMUM PANEL	MINIMUM PANEL	MINIMUM PANEL	MINIMUM PANEL	PANEL NAIL SPACING		WIND SPEED CATEGORY			
						Wind speed category			
1/2"	3/8"	5/8"	1"	1 1/2"	2"	A	B	C	D
4d Common (20 x 0.091)	1/8"	3/16"	1/4"	1/2"	3/4"	10	15	20	30
4d Common (20 x 0.091)	1/8"	3/16"	1/4"	1/2"	3/4"	10	15	20	30

A. 31 1/2" x 24 1/2" x 1/4" n.s. or 24 1/2" x 31 1/2" n.s.

B. Panel strength shall be parallel or perpendicular to supports. Three-ply plywood sheathing with studs spaced more than 16 inches on center shall be applied with panel strength parallel to supports.

C. Table is based on wind pressures acting normal and may be used for building surfaces per Section 301.2. Lateral bracing res./members shall be in accordance with Section 302.0.

D. Wood structural frame with open ridges or baffle or shall be permitted as an alternate to panels with a 240 open ridge. Plywood siding shall be 40 or 50 or shall be permitted as an alternate to panels with a 240 open ridge. Plywood siding 50 or shall be used with studs spaced a maximum of 16 inches on center.

SPECIFICATIONS
SCALE: NONE

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	SCHILL Architecture		© 2024 SCHILL ARCHITECTURE, LLC
	SCHILL ARCHITECTURE, LLC TELEPHONE: 442.809.3483 FACSIMILE: 442.809.3489 MAIL: SCHILLARCHITECTURE.COM		
OFFICE ADDRESS: 180 CROSSINGS PARKWAY SUITE E WESTLAKE, OHIO 44040			
DESIGN LOADS			
COMPONENT	LIVE LOAD	DEAD LOAD	TOTAL LOAD
ATTC FLOOR (S) STORAGE	30 P.S.F.	8 P.S.F.	48 P.S.F.
ATTC LIMITED STORAGE	20 P.S.F.	8 P.S.F.	38 P.S.F.
ATTC NO STORAGE	0 P.S.F.	8 P.S.F.	38 P.S.F.
DECK	40 P.S.F.	8 P.S.F.	58 P.S.F.
EXTERIOR BALCONY	60 P.S.F.	8 P.S.F.	78 P.S.F.
SUBSIDENTIAL AND MANORIALS	200 P.S.F.	8 P.S.F.	208 P.S.F.
SUBSIDENTIAL INFL COMPONENTS	10 P.S.F.	8 P.S.F.	48 P.S.F.
PAREMENTOR VEHICLE GARAGES	10 P.S.F.	8 P.S.F.	48 P.S.F.
ROOF OVER TAIL LIFTING RACKS	40 P.S.F.	8 P.S.F.	58 P.S.F.
SLEEPING ROOMS	30 P.S.F.	8 P.S.F.	48 P.S.F.
STAIRS	40 P.S.F.	8 P.S.F.	58 P.S.F.
ROOFS	20 P.S.F.	8 P.S.F.	40 P.S.F.
SNOW	20 P.S.F.	N.A.	20 P.S.F.
WIND	15 M.P.H.	N.A.	15 M.P.H.
SOL BEARING	2000 P.S.F.	N.A.	2000 P.S.F.
NOTES: 1. ARRIVAL SOL BEARING CAPACITY 8 000 P.S.F. A GEOTECHNICAL ANALYST SHALL BE RETAINED AND THE ANALYST SHALL BE NOTIFIED AT ONCE IF ANALYST ON UNABLE TO CONCLUDE EAST. 2. LIGHT ARCHITECTURE IS FOUND ON THE FOLLOWING IS TO BE RE- 3. LIGHT ARCHITECTURE IS FOUND ON THE FOLLOWING IS TO BE RE- 4. OTHER THAN ARRIVAL SAMPLE			
MATERIAL SUMMARY			
SPACE	MATERIAL	HEIGHT	
MAIN FLOOR	WOOD-2"x4"x12"x4"	8' 0"	
UPPER FLOOR	WOOD-2"x4"x12"x4"	8' 0"	
THIRD FLOOR	WOOD-2"x4"x12"x4"	8' 0"	
AREA SUMMARY			
AREA	SIZE		
UNFINISHED LOWER LEVEL	0.000 SQ.FT.		
FINISHED LOWER LEVEL	0.000 SQ.FT.		
MAIN LEVEL	0.000 SQ.FT.		
UPPER LEVEL ADDITION	95 SQ.FT.		
UPPER LEVEL(VOLUME SPACE)	0.000 SQ.FT.		
THIRD FLOOR ADDITION	135 SQ.FT.		
TOTAL HEATED AREA	230 SQ.FT.		
GARAGE	0.000 SQ.FT.		
ARRIVAL PORCH	0.000 SQ.FT.		
FRIENDS/ FAMILY PORCH	0.000 SQ.FT.		
MAIN LEVEL COVERED REAR PORCH	0.000 SQ.FT.		
LOWER LEVEL COVERED REAR PORCH	0.000 SQ.FT.		
TOTAL PROJECT AREA	230 SQ.FT.		
AREA CALCULATION AND MATCH FROM THE OUTSIDE FACE OF EXTERIOR WALLS. STAIRWELLS AND REINFORCE AREAS ARE INCLUDED ONCE. GARAGES, OTHER SPACES, OTHERS, PATIOS, AND EXTERIOR PORCHES ARE NOT INCLUDED. SUPPLEMENTED AN ADDITIONAL AREAS IN THE TABLE			
REVISIONS			
REV.	NO.	DESCRIPTION	DATE
PROJECT:			
PRIVATE RESIDENCE:			
LOCATION:			
18035 ROBLYN DRIVE ROCKY RIVER, OHIO 44116 CITY/AMERICA COUNTY PERMANENT PARCEL NUMBER: 301-06-011			
SPECIFICATIONS			
SCALE:	JOB NUMBER:		
A8 NOTED	24ZTPT		
DATE:		25 MARCH 2024	
CAD FILE NAME:		C:\WORKSPACE\2024\18035 ROBLYN DRIVE\18035 ROBLYN DRIVE.CAD	
			
DRAWING NUMBER			
A-4			