

P.N. 30-03360
Sublot 6

P.N. 30-00615
Sublot 4
Wayne E. and Susan L. Garver
O.R. 1145, Pg. 424
2850 Hudson Aurora Rd.

P.N. 30-00611
Sublot 1

P.N. 30-00586
Sublot 7
Elmo S. and
Judith Dalton
O.R. 1652, Pg. 319
2871 Blaikley Dr.

P.N. 30-00678
Sublot 2
Steven G. Mulhollan
and Jessica L. Brennan
Doc. No. 56301271
7444 Huntington Rd.

S/L 5
1.0372 Acres
Doc. No. 56106504

P.N. 30-00612
Sublot 3
Hudson Real Properties LLC
Doc. No. 56374660
2895 Blaikley Dr.

NOTES:

- 1018.7 EXISTING ELEVATION
- 1019.8* PROPOSED GRADE
- 1018 — EX. CONTOUR
- 1019 — PROP. CONTOUR
- INDICATES DIRECTION OF SURFACE WATER AFTER FINAL GRADING.
- BENCH MARK: MANHOLE RIM FRONT OF SUBLOT 5 ELEVATION = 1015.57 (NAVD 1988)
- CONTRACTOR TO VERIFY SANITARY AND STORM CONNECTION DEPTHS BEFORE BASEMENT EXCAVATION.
- THIS PLAN FOR SITE PURPOSES ONLY, REFER TO HOUSE PLANS FOR FOUNDATION DETAILS AND DIMENSIONS.
- CONTRACTOR MUST CHECK BENCH MARK WITH PAVEMENT GRADE BEFORE ANY EXCAVATION OR WORK IS STARTED.
- BUILDER/LANDSCAPER TO MAINTAIN POSITIVE DRAINAGE AWAY FROM HOUSE.
- SUMP PUMP MAY BE REQUIRED FOR FOOTER DRAIN.

① R = 30.00	② R = 60.00
Δ = 48°11'23"	Δ = 50°03'16"
A = 25.23	A = 52.42
T = 13.42	T = 28.01
C = 24.50	C = 50.77
N40°06'59"W	N41°03'03"W

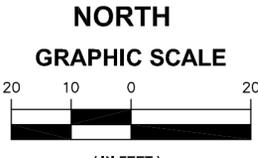
**SITE IMPROVEMENT PLAN
for HOUSE ADDITION**

Situated in the City of Hudson, County of Summit and State of Ohio and known as being Sublot No. 5 in the White Horse Acres Allotment as shown by the recorded plat in Plat Book 94, Pages 24-27 of Summit County Records of Plats.

For: The Jordan Residence

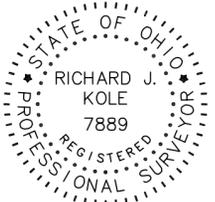
Builder: Payne & Payne
10750 Mayfield Rd.
Chardon, Ohio 44024
Phone: 440-286-9758

Site Info: Sublot No. 5
P.N. 30-00616
2881 Blaikley Dr.
Hudson, Ohio 44236



MARCH 12, 2019

**OHIO
Utilities Protection
SERVICE**
Call Before You Dig
(800) 362-2764



Dimensions shown hereon are expressed in feet and decimal parts thereof. Monuments were found or set as indicated hereon. Bearings shown are to an assumed meridian and are for the sole purpose of describing the relative angular value between lines, all of which I certify to be correct to the best of my knowledge and belief.

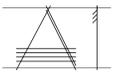
Richard J. Kole 3/12/19
Richard J. Kole, Reg. Surveyor #7889 Date

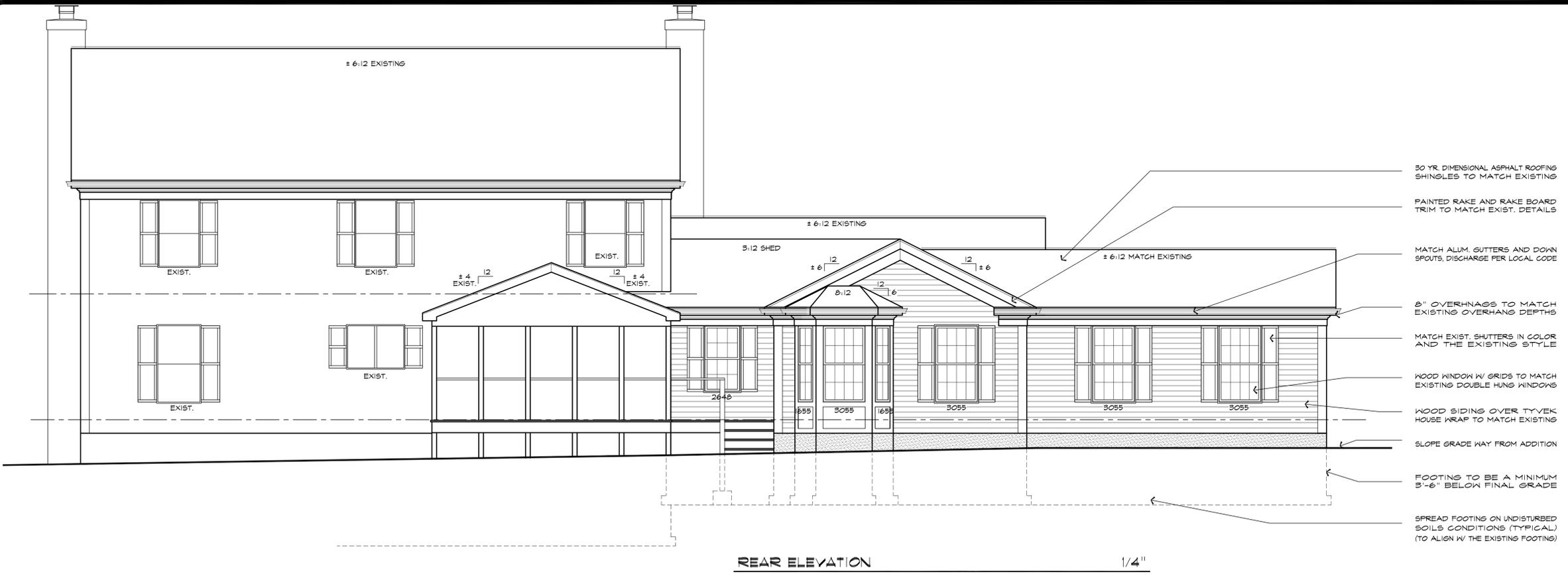
Prepared by:
**RIMKOLE
& ASSOC. CORP.**
surveys • consultants • planners • utilities • coop
5316 Ridge Road - Cleveland, Ohio 44129
Phone 440.885.7137 - Fax 440.885.7139
www.kolesurvey.com
File No. 19028-5 Add

REVISIONS	BY
N.F.C. 2 26 14	

JOHN D. STOPP ARCHITECT
 5204 GEORGEANNE CT. MENTOR, OHIO 44060
 1-440-357-8554

JORDAN RESIDENCE ADDITION
 2881 BLAINE ROAD
 HUDSON, OHIO
 FRONT / REAR ELEVATIONS

DRAWN JOHN D. STOPP
CHECKED
DATE FEBRUARY 2014
SCALE 1/4" = 1'-0"
JOB NO. 1901
SHEET

OF 5 SHEETS



- 30 YR. DIMENSIONAL ASPHALT ROOFING SHINGLES TO MATCH EXISTING
- PAINTED RAKE AND RAKE BOARD TRIM TO MATCH EXIST. DETAILS
- MATCH ALUM. GUTTERS AND DOWN SPOUTS, DISCHARGE PER LOCAL CODE
- 8" OVERHANGS TO MATCH EXISTING OVERHANG DEPTHS
- MATCH EXIST. SHUTTERS IN COLOR AND THE EXISTING STYLE
- WOOD WINDOW W/ GRIDS TO MATCH EXISTING DOUBLE HUNG WINDOWS
- WOOD SIDING OVER TYVEK HOUSE WRAP TO MATCH EXISTING
- SLOPE GRADE AWAY FROM ADDITION
- FOOTING TO BE A MINIMUM 3'-6" BELOW FINAL GRADE
- SPREAD FOOTING ON UNDISTURBED SOILS CONDITIONS (TYPICAL) (TO ALIGN W/ THE EXISTING FOOTING)



- TRUSSED ROOF SYSTEM AT 24" ON CENTER
- NEW ADDITION ROOF TO MATCH EXISTING ROOF SLOPES
- WOOD FASCIA TO ALIGN AND MATCH WITH THE EXISTING
- MATCH ALUMINUM GUTTERS
- TOP OF WINDOWS TO ALIGN W/ THE EXISTING TOP OF WINDOWS
- IX TRIM SURROUND TO MATCH EXISTING DETAILS
- NEW FINISH FLOOR TO ALIGN WITH THE EXISTING F.F.
- NEW PARGE COATING OVER BLOCK TO MATCH EXISTING
- NEW FOOTINGS TO ALIGN WITH THE EXISTING FOOTING



JOHN D. STOPP, LICENSE # 12432
EXPIRATION DATE 6/30/2014

EXISTING WINDOW TO REMAIN UNDISTURBED IN BERDOOM

3:12 SHED ROOF BEYOND TO NEW RIDGE LINE

ICE AND WATER GUARD 36" UP ALL EAVES AND VALLEYS FROM EXTERIOR FACE OF STUD

VENTED WOOD SOFFITS TO MATCH EXISTING DETAILS

CROWN AND FACIA TO MATCH EXISTING DETAILS

1 1/2" CORNER TRIM TO MATCH EXISTING WIDTH AND COLOR

BAY WINDOW AT 45 DEGREES

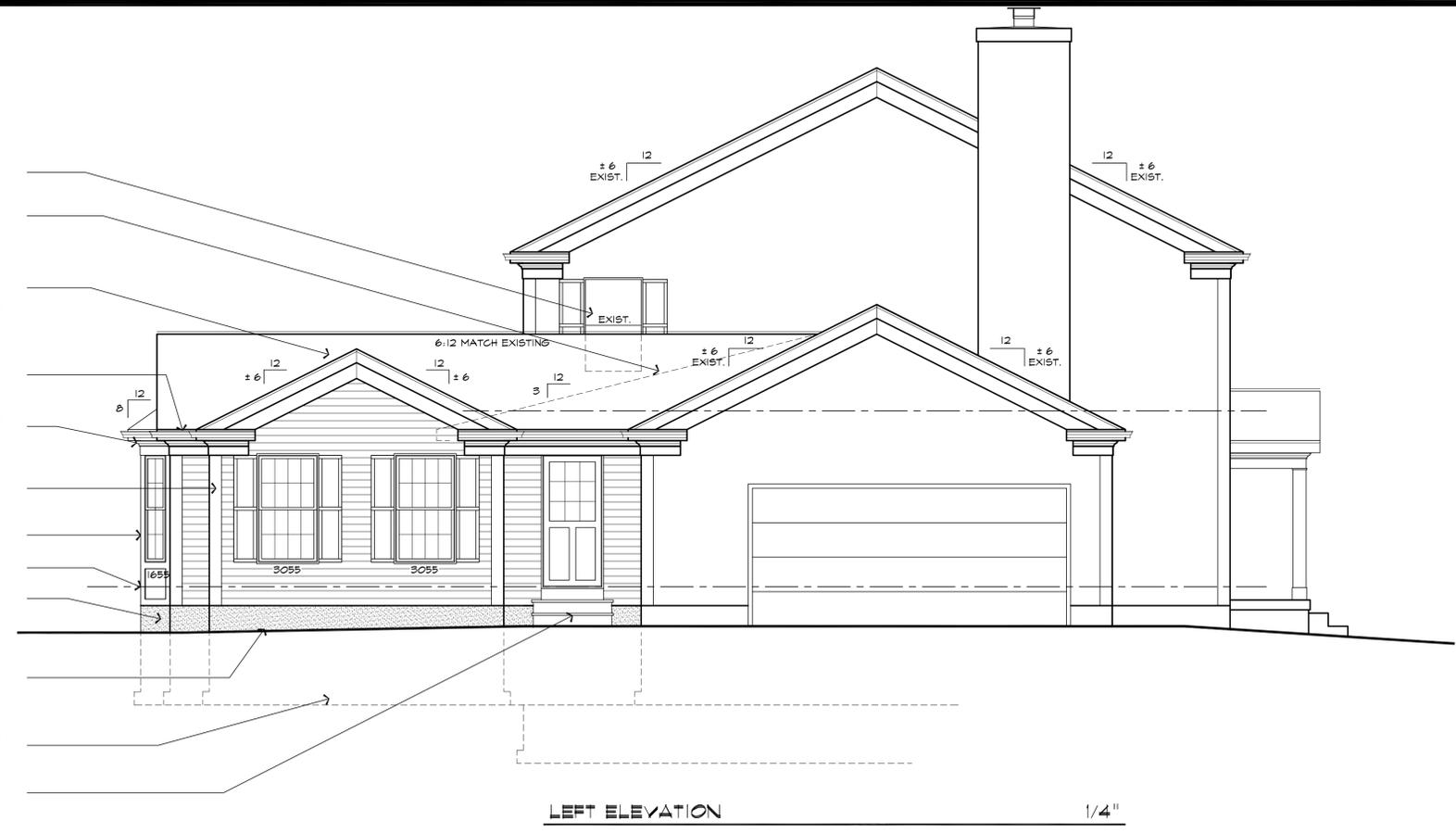
ALIGN WITH EXIST. F.F.

FARGE COATING OVER BLOCK TO MATCH EXISTING DETAILS

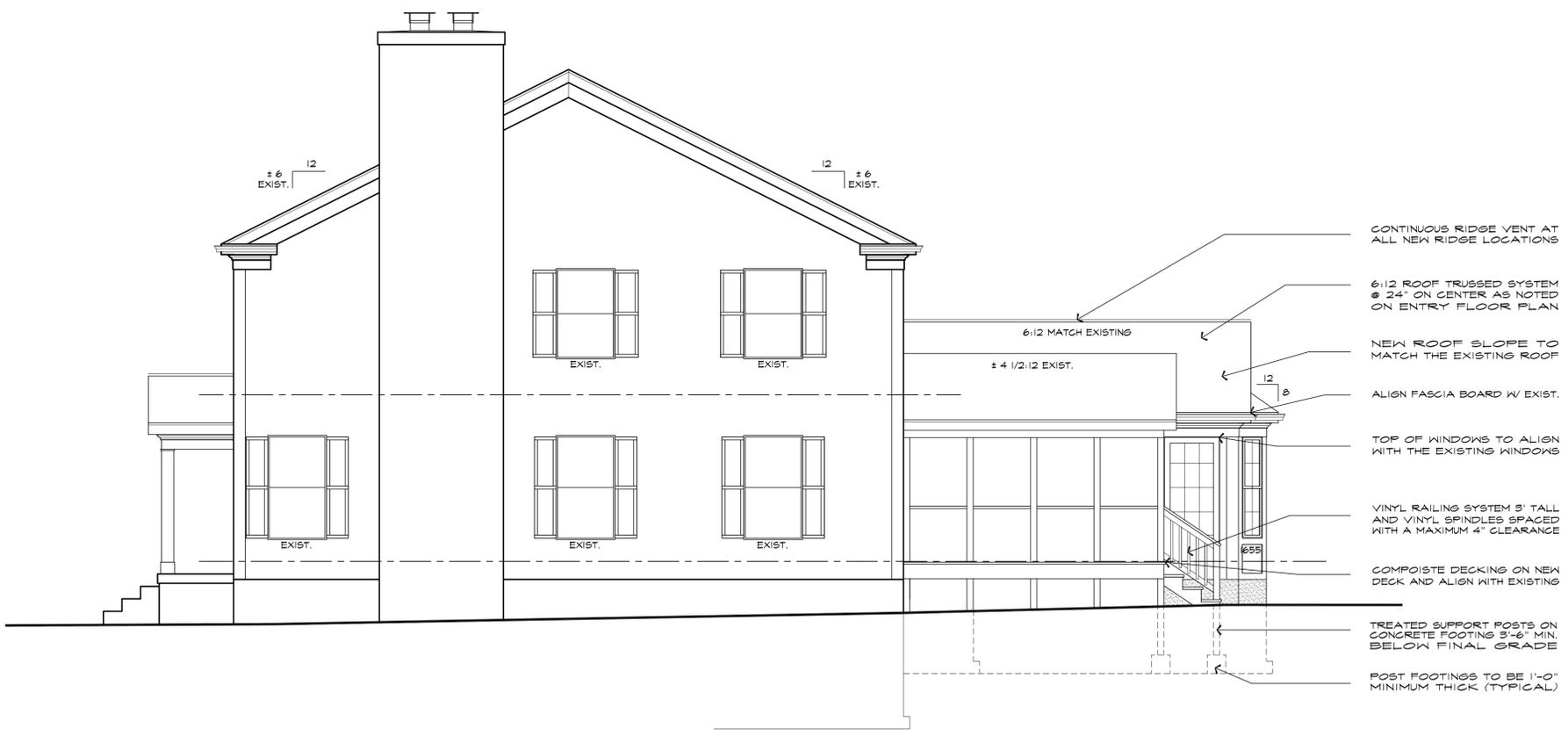
SLOPE ALL GRADE AWAY 6" DOWN AT 10'-0" AWAY MINIMUM

SPREAD FOOTINGS ON UNDISTURBED SOIL CONDITIONS

PROVIDE STEPS TO GRADE AS REQUIRED W/ 6" MAX. RISE



LEFT ELEVATION 1/4"



RIGHT ELEVATION 1/4"

CONTINUOUS RIDGE VENT AT ALL NEW RIDGE LOCATIONS

6:12 ROOF TRUSSED SYSTEM @ 24" ON CENTER AS NOTED ON ENTRY FLOOR PLAN

NEW ROOF SLOPE TO MATCH THE EXISTING ROOF

ALIGN FASCIA BOARD W/ EXIST.

TOP OF WINDOWS TO ALIGN WITH THE EXISTING WINDOWS

VINYL RAILING SYSTEM 3' TALL AND VINYL SPINDLES SPACED WITH A MAXIMUM 4" CLEARANCE

COMPOSITE DECKING ON NEW DECK AND ALIGN WITH EXISTING

TREATED SUPPORT POSTS ON CONCRETE FOOTING 3'-6" MIN. BELOW FINAL GRADE

POST FOOTINGS TO BE 1'-0" MINIMUM THICK (TYPICAL)



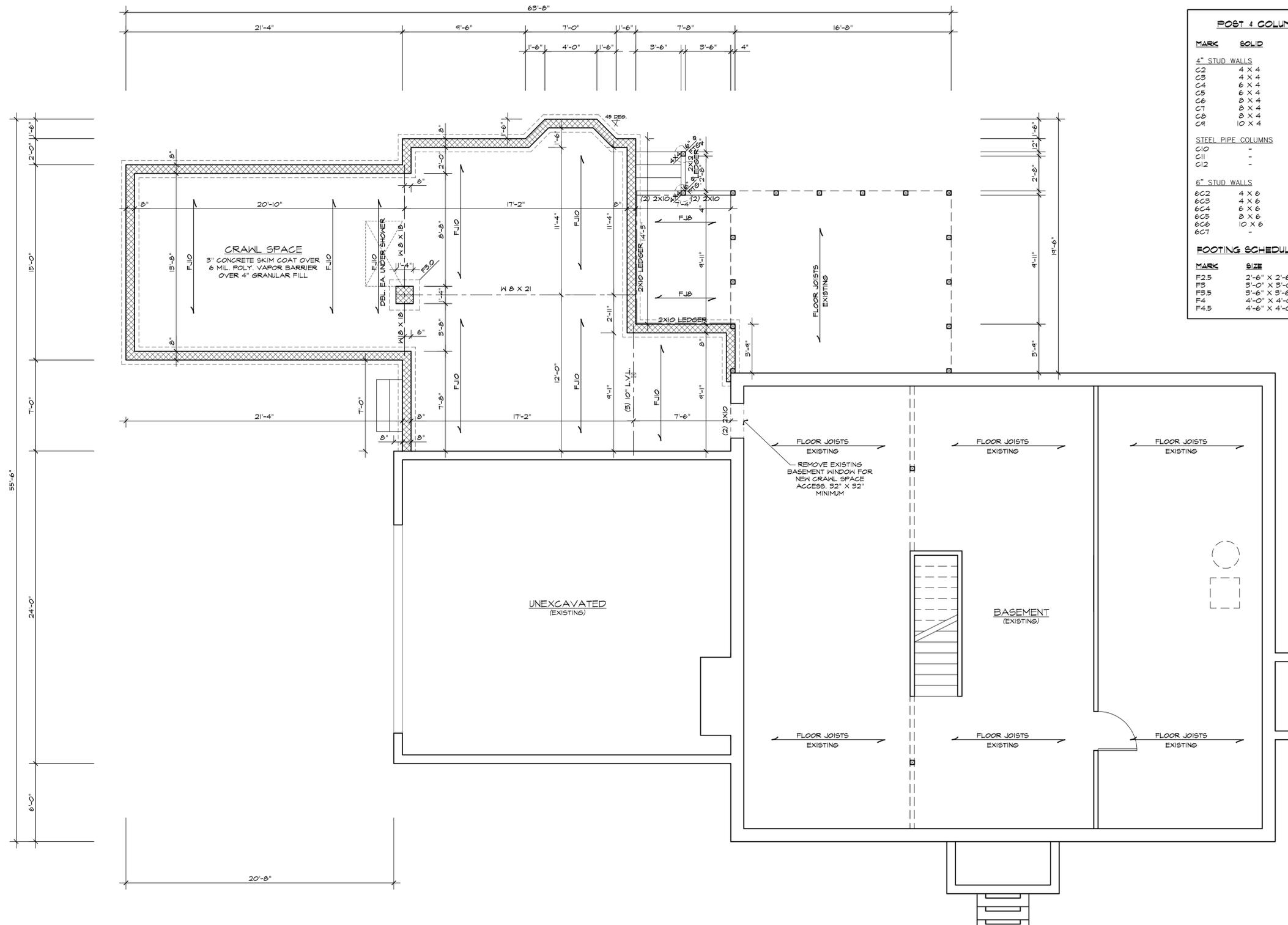
JOHN D. STOPP, LICENSE # 12432
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REVISIONS	BY
N.F.C.	
2 26 14	

JOHN D. STOPP
 ARCHITECT
 5204 GEORGIANNE CT. MENTOR, OHIO 44060
 1-440-357-8554

JORDAN RESIDENCE ADDITION
 2881 BLAINLEY ROAD
 HUDSON, OHIO
 LEFT / RIGHT ELEVATIONS

DRAWN	JOHN D. STOPP
CHECKED	
DATE	FEBRUARY 2014
SCALE	1/4" = 1'-0"
JOB NO.	1901
SHEET	
OF 5	SHEETS



POST & COLUMN SCHEDULE

MARK	SOLID	BUILT-UP	ASPI PIPE
4" STUD WALLS			
C2	4 X 4	(2) 2 X 4	-
C3	4 X 4	(3) 2 X 4	-
C4	6 X 4	(4) 2 X 4	-
C5	6 X 4	(5) 2 X 4	-
C6	8 X 4	(6) 2 X 4	-
C7	8 X 4	(7) 2 X 4	3 U S
C8	10 X 4	(8) 2 X 4	3 U S
C9	10 X 4	(9) 2 X 4	3 U S
STEEL PIPE COLUMNS			
C10	-	-	3 U S
C11	-	-	4 1/2" Ø
C12	-	-	4 1/2" Ø
6" STUD WALLS			
6C2	4 X 6	(2) 2 X 6	-
6C3	4 X 6	(3) 2 X 6	-
6C4	6 X 6	(4) 2 X 6	-
6C5	6 X 6	(5) 2 X 6	3 U S
6C6	10 X 6	(6) 2 X 6	3 U S
6C7	-	(7) 2 X 6	-
FOOTING SCHEDULE			
MARK	SIZE	REIN	
F2.5	2'-6" X 2'-6" X 1'-0"	NONE	
F3	3'-0" X 3'-0" X 1'-0"	NONE	
F3.5	3'-6" X 3'-6" X 1'-6"	NONE	
F4	4'-0" X 4'-0" X 1'-4"	NONE	
F4.5	4'-6" X 4'-0" X 2'-0"	NONE	

FOUNDATION PLAN

- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE REMOVED
- NEW FOUNDATION WALLS
- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE REMOVED
- NEW STUD WALLS

1/4"



JOHN D. STOPP, LICENSE # 12432
EXPIRATION DATE 6/30/2019

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	N.F.C.	2 26 19	

JOHN D. STOPP ARCHITECT
5204 GEORGEANNE CT. MENTOR, OHIO 44060
1-440-957-8554

JORDAN RESIDENCE ADDITION
2881 BLAINLEY ROAD
HUDSON, OHIO
BASEMENT / FOUNDATION PLAN

DRAWN: JOHN D. STOPP
CHECKED: _____
DATE: JANUARY 2019
SCALE: 1/4" = 1'-0"
JOB NO.: 1901
SHEET: _____
OF 5 SHEETS

NOTES TO CONTRACTORS

- ALL INTERIOR AND EXTERIOR WALL DIMENSIONS ARE FIGURED AS 4" UNLESS OTHERWISE NOTED ON PLANS. 17' 10" TALL AREAS.
- ALL RESIDENTIAL CONSTRUCTION AND FINISHING DETAILS SHALL BE IN ACCORDANCE WITH:
 - THE 2015 RESIDENTIAL CODE OF OHIO WITH 2016 REVISIONS
 - THE 2012 WOOD FRAME CONSTRUCTION MANUAL FOR ONE, TWO, AND FAMILY DWELLINGS BY THE AMERICAN FOREST & PAPER ASSOCIATION
 - THE 2003 EDITION OF DETAILS FOR CONVENTIONAL WOOD FRAME CONSTRUCTION BY THE AMERICAN FOREST & PAPER ASSOCIATION
- CONSTRUCTION
 - HOUSE MUST BE CONSTRUCTED USING THE PLATFORM FRAMING METHOD.
 - COLUMNS ARE TO BE STACKED BASEMENT-TO-FIRST FLOOR, FIRST FLOOR-TO-SECOND FLOOR AND SECOND FLOOR-TO-ROOF.
 - ALL COLUMNS TO HAVE SOLID BLOCKING AND BEAR BEARINGS UNDER EACH COLUMN IN FLOOR JOIST SYSTEM BETWEEN TOP & BOTTOM 2X PLATES FOR CONTIGUOUS BEARING TO FOUNDATION WALL OR STEEL BELOW.
 - NAILING OF MULTIPLE COLUMNS SHALL BE IN ACCORDANCE WITH THE 2003 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE AMERICAN FOREST & PAPER ASSOCIATION PER CHAPTER 9, ARTICLE 19.2.3.
 - ALL NAILING OF ROOF FLOOR AND WALL CONSTRUCTION SHALL BE IN STRICT CONFORMANCE WITH TABLE RA02(31-2) OF THE RESIDENTIAL CODE OF OHIO.
- THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS NOTED ON THE DRAWINGS AND SHALL BE RESPONSIBLE FOR THE RELATIONSHIP BETWEEN THEM, BOTH HORIZONTALLY THROUGH STRINGS AND VERTICALLY FROM FLOOR TO FLOOR AND FROM FLOOR TO FOUNDATION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO BEGINNING ANY CONSTRUCTION.
- ROOF SLOPES SHOULD BE LAYED OUT IN PLACE AND THE RELATIONSHIP TO EACH OTHER AND TO RELATED WINDOW OR DOOR OPENINGS SHOULD BE VERIFIED PRIOR TO ORDERING TRUSSES, WINDOWS, OR SETTING ANY RAFTERS.
- THE FINISH GRADE AROUND THE HOUSE SHALL SLOPE AWAY FROM FOUNDATION AROUND THE ENTIRE PERIMETER. IF NECESSARY, SHOULDER SHOULD BE CREATED TO ALLOW THIS. IF CLAYS OR OTHER IMPERMEABLE SOILS ARE ENCOUNTERED DURING THE EXCAVATION, FOUNDATION WATER PROOFING MAY NEED TO BE INCREASED AND THE ARCHITECT SHOULD BE NOTIFIED.
- AN OVERALL REVIEW OF THE PLANS SHOULD BE CONDUCTED BY THE CONTRACTOR AND ANY UNCLARIFIED AREAS OR DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT PRIOR TO BEGINNING ANY CONSTRUCTION.
- IF NO DISCREPANCIES ARE REPORTED AND THE CONTRACTOR/OWNER DOES NOT EMPLOY THE ARCHITECT FOR CONSTRUCTION OBSERVATION ON THIS PROJECT, THEN THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR MISINTERPRETATIONS OR ERRORS MADE BY THE CONTRACTOR IN THE FIELD.
- T.L. = TYPICAL LINTEL = (2) 2" X 12" WITH 1/2" PLYWOOD PLATE BETWEEN (4" STUD HALL)
 - T.L. = TYPICAL LINTEL = (2) 2" X 12" WITH (2) 1/2" PLYWOOD PLATES BETWEEN (6" STUD HALL)
- THE FOLLOWING RAFTER, CEILING, AND FLOOR JOIST DESIGNATIONS MAY APPEAR ON THE DRAWINGS. IF THEY DO THE FOLLOWING SCHEDULES APPLY.
 - RAFTER DESIGNATION SCHEDULE
 - R1 = 2 X 8 RAFTERS @ 16" O.C.
 - R2 = 2 X 10 RAFTERS @ 16" O.C.
 - R3 = 2 X 12 RAFTERS @ 16" O.C.
 - CEILING JOIST DESIGNATION SCHEDULE
 - C1 = 2 X 8 CEILING JOIST @ 16" O.C.
 - C2 = 2 X 10 CEILING JOIST @ 16" O.C.
 - C3 = 2 X 12 CEILING JOIST @ 16" O.C.
 - FLOOR JOIST DESIGNATION SCHEDULE
 - F1 = 2 X 10 @ 16" O.C.
 - F2 = 2 X 12 @ 16" O.C.
- THE CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL WORK IS DONE IN ACCORDANCE WITH LOCAL CODES, WHETHER INDICATED AS SUCH ON THE DRAWINGS OR NOT.
 - GENERAL NOTES
 - GOVERNING BUILDING CODE: ALL CONSTRUCTION ON THIS PROJECT SHALL CONFORM TO THE 2015 RESIDENTIAL CODE OF OHIO.
 - TYPICAL LINTEL: TYPICAL LINTEL AND DOOR LINTELS SHALL BE A MIN. 4" HALL OF (2) 2" X 12 WITH A 1/2" PLYWOOD PLATE BETWEEN UNLESS THEY ARE NOTED OTHERWISE. 6" STUD HALLS ARE (1) 2X12 AND (2) 1/2" PLYWOOD PLATES. TYPICAL LINTELS ARE NOTED "T.L." ON THE PLANS.
 - FOUNDATIONS:
 - DESIGN BEARING PRESSURE HAS BEEN ASSIGNED TO BE 2000 PSF PRIOR TO CONSTRUCTION. THE GENERAL CONTRACTOR MUST VERIFY SOIL BEARING CAPACITY AND THAT SETTLEMENTS AT THIS PRESSURE WILL BE WITHIN ACCEPTABLE LIMITS.
 - ALL BACKFILLED AREAS MUST BE PREPARED TO PROVIDE THE BEARING PRESSURE ASSIGNED BELOW ALL CONC. FOOTINGS AND SLAB ON GRADE.
 - EXTERIOR FOOTINGS MUST HAVE A MINIMUM OF 3'-6" COVER FOR FROST PROTECTION.
 - ALL HIGHER FOOTINGS MUST BE STEPPED DOWN TO BOTTOM OF BASEMENT FOOTING OR TO LOWER ADJACENT FOOTINGS, TO ENSURE EVEN SETTLEMENT OF FOUNDATION. STEP FOOTINGS AT 3 HORIZONTAL UNITS TO 1 VERTICAL UNIT PER STEP. (NOTES S.F.T.B. ON PLANS)
 - IF ANY INDICATION OF UNEVEN BEARING CONDITIONS IS DETECTED, (2) #6 CONT. REBAR SHALL BE INSTALLED IN THE BOTTOM PART OF ALL FOOTERS.
 - CONCRETE:
 - CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 564 #/CY. A MAXIMUM WATER TO CEMENT RATIO OF 0.48 AND OBTAIN A MINIMUM STRENGTH OF 4000 PSI @ 28 DAYS UNLESS OTHERWISE NOTED.
 - USE 68 #/CY ENTRAINED AIR FOR ALL CONCRETE EXPOSED TO WEATHER.
 - ALL SHABRE SLABS SHALL BE AIR ENTRAINED UNLESS OTHERWISE NOTED.
 - ALL CONCRETE SLABS TO HAVE SAWCUT CONTROL JOINTS AT A MAX. OF 4'-0" ON CENTER EACH WAY WITHIN 8 HOURS OF POUR.
 - STEEL BEAMS TO BEAR MIN. 4" ON CONCRETE WALLS.
 - MASONRY:
 - CONCRETE MASONRY UNITS PER ASTM 40-01, GRADE N-1, BRICK PER ASTM 216-01a, GRADE SA, TYPE FBS, MORTAR PER ASTM C270-01a, TYPE S.
 - BACK FILLING AGAINST BASEMENT WALLS SHALL NOT BE DONE PRIOR TO INSTALLATION OF FIRST FLOOR JOISTS, BRIDGING, AND SHEATHING.
 - ALL STEEL BEAMS BEARING ON MASONRY WALLS ARE TO BE ON 8" X 8" X 3/8" STEEL BEARING PLATES ANCHORED TO THE WALL.
 - ALL STEEL BEAMS MUST BEAR AT LEAST 3" ON MASONRY WALLS.
 - MASONRY WALLS MUST BE GROUTED SOLID MINIMUM 16" UNDER BEAMS X 48" HIGH.
 - STEEL BEAMS TO BEAR MIN. 4" ON CONCRETE WALLS.
 - STEEL:
 - ROLLED SHAPES, PLATES AND BARS PER ASTM A588/A588M-01, HIDE FLANGE MAY BE ASTM A992-08.
 - ALL PIPE COLUMNS SHALL BE ASTM A53/ABS/50.
 - ALL FLOOR JOISTS BEARING ON STEEL BEAMS TO BE FASTENED TO THE BEAM.
 - ALL TWO STORY COLUMNS SHALL BE SECURELY CONNECTED TO SECOND FLOOR FRAMING OR BE PLATFORM FRAMED.
 - WOOD:
 - RAVN LUMBER TO BE SOUTHERN PINE NO. 2 GRADE OR BETTER.
 - ALL DIMENSIONED LUMBER OR LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVE TREATED/LANDED.
 - ALL WOOD EXCEPT FOR EXTERIOR TREATED LUMBER SHALL BE A MINIMUM OF 1" ABOVE EXTERIOR GRADE PER 2015 RESIDENTIAL CODE OF OHIO.
 - DOUBLE ALL FLOOR JOISTS RUNNING PARALLEL UNDER PARTITION WALLS ABOVE.
 - ALL HEADERS AND RAFTERS AROUND SKYLIGHTS AND DORMERS SHALL BE DOUBLED FULL LENGTH UNLESS NOTED OTHERWISE.
 - ALL TRUSSING UNDER HANGERS, SPAS, OR TUBS WHICH ARE LARGER THAN STANDARD SHALL BE DOUBLED.
 - TRUSSED RAFTERS (WHICH, IF APPLICABLE, TO BE PER TRUSS PLATE INSTITUTE NATIONAL DESIGN SPECIFICATIONS FOR METAL PLATE CONNECTED WOOD TRUSSES CONSTRUCTION, TR 11-02.
 - TOP CHORD LIVE LOAD = 30 PSF SNOW
 - TOP CHORD DEAD LOAD = 60 PSF SNOW FOR DRIFT AREAS (LOAD DURATION FACTOR 1.5)
 - BOTTOM CHORD DEAD LOAD = 6 PSF
 - MAXIMUM DEFLECTION OF TRUSS RAFTERS SHALL BE EQUAL OR LESS THAN SPAN/60 FOR JOOR LL + 50% DL.
 - TRUSS RAFTER MANUFACTURER MUST DESIGN ALL TRUSSES FOR SADDLE FRAMING AND FOR DRIFT SNOW LOADS WHERE THEY OCCUR (WALLS AND AT ROOF STEPS). SUBMIT SHOP DRAWINGS FOR REVIEW.
 - TRUSS RAFTER MANUFACTURER TO PROVIDE BEARING OR BEARING PLATES TO DISTRIBUTE ORDER TRUSS REACTIONS TO MAXIMUM OF 565 PSI.
 - ALL TRUSS TOP CHORDS SHALL HAVE PLYWOOD SHEATHING ATTACHED FOR BRACING REQUIREMENTS. DO NOT OMIT PLYWOOD SHEATHING UNDER OVERSULT FRAMING SADDLES.
 - IF CERAMIC TILE OR VINYL SHEET GOODS ARE USED AS A FLOORING MATERIAL, THEN 1/4" PLYWOOD OR EQUAL MATERIAL SHALL BE USED AS A SUBFLOOR IN ACCORDANCE WITH THE FLOORING MANUFACTURER'S RECOMMENDATIONS.
 - SOFFIT AND RIDGE VENTS MUST SUPPLY OPEN SPACE FOR VENTILATION OF NOT LESS THAN 1/50 OF THE TOTAL ATTIC OR SPACE WHICH THEY ARE VENTILATING OR MESHROOM TYPE VENTS SHOULD BE ADDED TO REAR ROOF SLOPE, PROVIDE SCREENING OVER OPENINGS WHERE REQUIRED.
 - ALL SMOKE ALARMS NOTED ARE TO BE HARD WIRED WITH BATTERY BACK-UP. SMOKE DETECTORS SHALL BE LOCATED AS NOTED ON DRAWINGS AND/OR PER 2015 RESIDENTIAL CODE OF OHIO SECTION 541.5 (AT LEAST ONE ON EACH FLOOR).
 - LOCATIONS OF CONVENIENCE OUTLETS SHALL BE AS SPECIFIED IN THE NEC 2011 SECTION 210.52(A)(1)
 - PROVIDE AN ATTIC ACCESS PANEL, ROUGH DIM. MIN. SIZE 22" X 30" IN AN AREA WITH 50" CLEARANCE ABOVE WITH A LIGHT IN THE ATTIC WITH A SWITCH THAT CAN BE REACHED FROM THE OPENING.
 - ALL ROOFS TO HAVE GUTTERS AND DOWNSPUTS AS REQUIRED FOR PROPER DISCHARGE INTO STORM SEWERS, OR ONTO SPLASH BLOCKS AS REQUIRED BY THE CITY.
 - PROVIDE BITUMINUM PROTECTION (ICE AND WATER GUARD) UP 36" ON ALL EAVES, AND IN VALLEYS, SADDLES, SLOPES LESS THAN 4:12, AND 36" MIN. UP ROOF ADJACENT TO ROOF SURFACES OR OTHER AREAS WHERE POSSIBLE. SNOW ACCUMULATION OR ICE BACK-UP MAY OCCUR. EXTEND A MIN. 24" INSIDE EXTERIOR WALL LINE.
 - TYVEK HOUSE WRAP TO BE INSTALLED ON ALL EXTERIOR SURFACES, LIVING SPACES OR NOT). ALL HOUSE WRAP TO BE TYVEK BRAND RATED FOR SPECIFIC USE. ALL JOINTS TO BE TAPED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ASSURE THE UPPER LAYERS OF WRAP ALWAYS LAP OVER LOWER LAYERS, AND THAT WRAP OVER WINDOWS LAPS OVER THE WINDOW FLANGES.
 - ALL NEW CIRCUITS WILL BE AFCI PROTECTED, ACCORDING TO SECTION 210.12 (B) 2011 NATIONAL ELECTRICAL CODE.
 - ALL NEW 15 & 20 AMP RECEPTACLES WILL BE LISTED AS TAMPER PROOF ACCORDING TO SECTION 408.40(3) OF THE 2011 NATIONAL ELECTRICAL CODE.

STRUCTURAL WOOD

- DESIGN VALUES LISTED ARE FOR NORMAL LOAD DURATION UNDER DRY CONDITIONS, UNO. MULTIPLY DESIGN VALUES BY ALL APPLICABLE ADJUSTMENT FACTORS.
- STUD WALLS (2X4, 2X6, 4X6) TO BE SOUTHERN PINE, NO. 2 GRADE OR BETTER, OR EQUIVALENT.
 - F_b = 1400 PSI
 - F_v = 1400 PSI
 - E = 1470 PSI
- POST & TIMBER (3X3 AND LARGER) TO BE SOUTHERN PINE, NO. 1 DENSE GRADE OR BETTER, OR EQUIVALENT.
 - F_b = 475 PSI
 - F_v = 475 PSI
 - E = 1600 KSI
- DIMENSIONAL LUMBER (2X AND 4X) TO BE SOUTHERN PINE, NO. 2 GRADE OR BETTER, OR EQUIVALENT.
 - F_b = 1400 PSI (2X6)
 - F_b = 1400 PSI (2X8)
 - F_b = 1400 PSI (2X10)
 - F_b = 1400 PSI (2X12)
 - F_v = 175 PSI
 - F_v = 175 PSI
 - F_v = 175 PSI
 - E = 1600 KSI
- LAMINATED VENEER LUMBER (LVL) TO BE MICROLAM BY TRUSS JOIST MACMILLAN, OR EQUIVALENT.
 - F_v = 285 PSI
 - F_b = 2600 PSI
 - E = 1,800,000 PSI

RESIDENTIAL CODE DESIGN CRITERIA: RCO 301

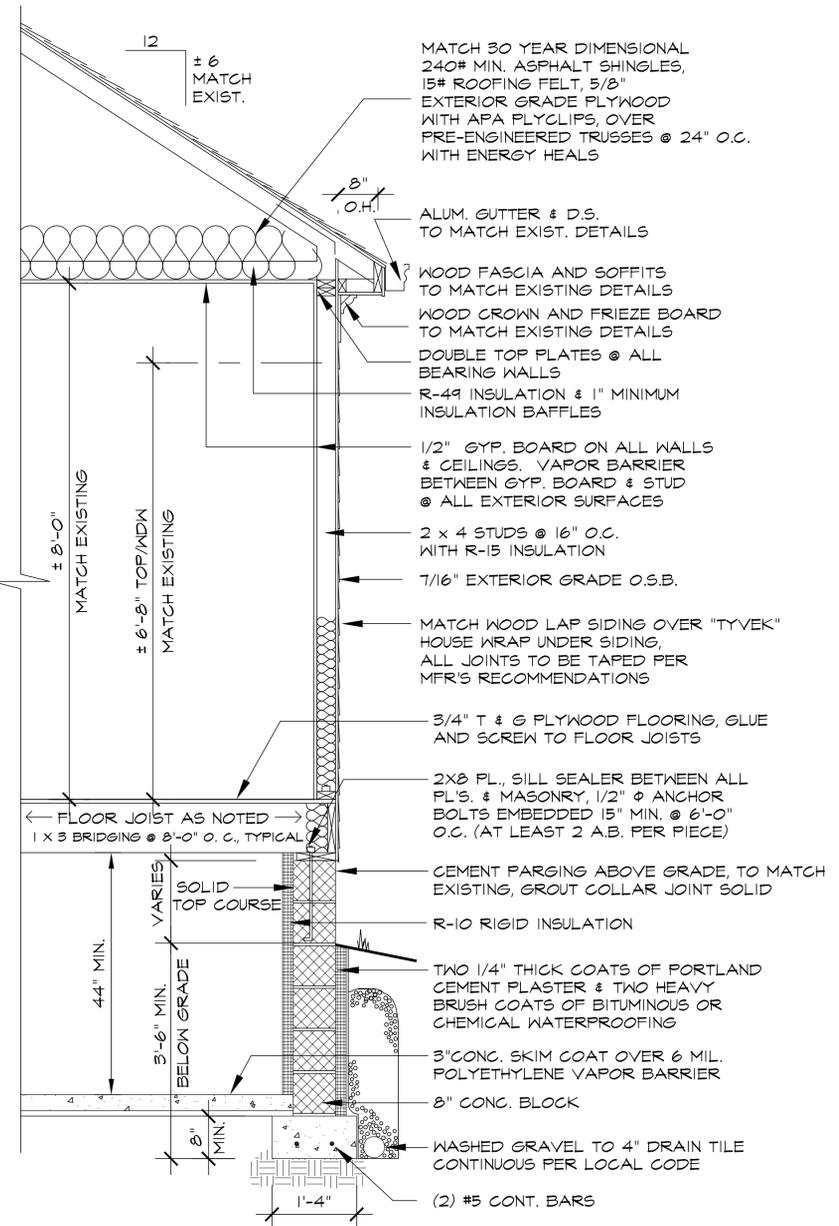
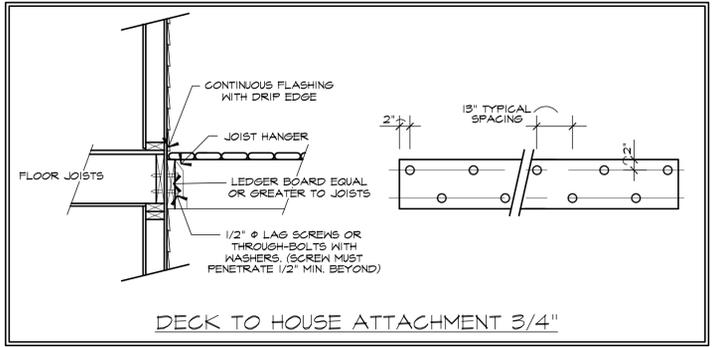
ROOF SNOW	GROUND SNOW = 45 PSF FLAT ROOF SNOW = 30 PSF + DRIFT LOAD 6:12 SLOPED ROOF SNOW = 30 PSF
LIVE LOADS	FLOOR LIVE LOAD = 40 PSF SLEEPING AREA FLOOR LIVE LOAD = 30 PSF BALCONY LIVE LOAD = 40 PSF
DEAD LOADS	1ST FLOOR DEAD LOAD = 12 PSF 2ND FLOOR DEAD LOAD = 12 PSF WALGONY DEAD LOAD = 8 PSF CEILING DEAD LOAD = 6 PSF 6:12 ROOF DEAD LOAD = 22 PSF
WIND	BASIC 3 SECOND GUST = 90 MPH
SEISMIC	SEISMIC S _s (0.2 SEC. SPECTRAL RESPONSE ACCELERATION) = 0.20g SEISMIC S ₁ (1.0 SEC. SPECTRAL RESPONSE ACCELERATION) = 0.025 SEISMIC DESIGN CATEGORY = D
TERMITE	MODERATE TO HEAVY
DECAY	SLIGHT TO MODERATE

COMPLIANCE PATH #1 OF THE RESIDENTIAL CODE OF OHIO 2015

FENESTRATION U-FACTOR = 0.32 MINIMUM
CEILING R-VALUE = 48 IN ATTIC AREAS
CEILING R-VALUE = 30 IN SLOPED ROOF AREAS
2X6 WALL INSULATION R-VALUE = 14
FLOOR R-VALUE = 30 WITH A MINIMUM OF 14
BASEMENT WALL R-VALUE = 10
gas furnaces - AFUE = 95.0
Air conditioning units - SEER = 13.0

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
RAFTERS HAVING SLOPES GREATER THAN 3:12 W/ NO FINISHED CEILING ATTACHED TO RAFTERS	L/180
INTERIOR HALLS AND PARTITIONS	H/180
FLOORS AND PLASTERED CEILINGS	L/360
ALL OTHER STRUCTURAL MEMBERS	L/240
EXTERIOR HALLS WITH PLASTER OR STUCCO FINISH	H/360
EXTERIOR HALLS - WIND LOADS WITH BRITTLE FINISHES	H/240
EXTERIOR HALLS - WIND LOADS WITH FLEXIBLE FINISHES	L/210
LINTELS SUPPORTING MASONRY VENEER WALLS	L/600



REVISIONS	BY
N.F.C.	
2 26 14	

JOHN D. STOPP ARCHITECT
5204 GEORGEANNE CT. MENTOR, OHIO 44060
1-440-357-8554

JORDAN RESIDENCE ADDITION
2881 BLAILEY ROAD
HUDSON, OHIO
WALL SECTION / NOTES

DRAWN: JOHN D. STOPP
CHECKED: []
DATE: FEBRUARY 2014
SCALE: 3/4" = 1'-0"
JOB NO.: 1401
SHEET: []

STATE OF OHIO
JOHN D. STOPP
A-12432
REGISTERED ARCHITECT

JOHN D. STOPP, LICENSE # 12432
EXPIRATION DATE 6/30/2014





Location of New Addition



Location of New Addition



