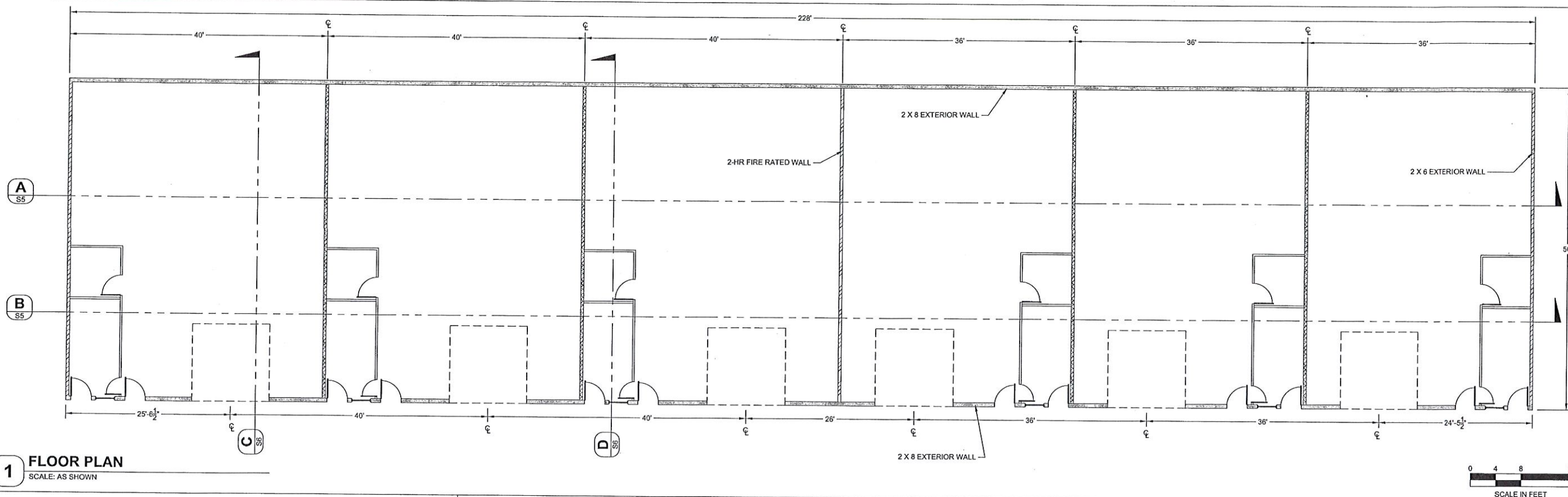


FOURNIER CONSTRUCTION STRUCTURAL DRAWINGS

705 AND 805 VERMEER DRIVE, PONDERAY BUSINESS PARK LOTS 8 AND 9
SECTION 2, TOWNSHIP 57 NORTH, RANGE 2 WEST, BOISE MERIDIAN, BONNER COUNTY, IDAHO



1 FLOOR PLAN
SCALE: AS SHOWN

SHEET INDEX	
SHEET NO.	SHEET TITLE
S1	FLOOR PLAN, SHEET INDEX, ADDITIONAL NOTES AND SPECIFICATIONS
S2	SCHEMATIC BUILDING ELEVATIONS AND DETAILED UNIT FLOOR PLAN
S3	SHEAR WALL AND HEADER SCHEDULE, FOUNDATION PLAN
S4	ROOF FRAMING PLAN
S5	SCHEMATIC STRUCTURAL SECTIONS
S6	SCHEMATIC STRUCTURAL SECTIONS
S7	TYPICAL WALL SECTIONS AND DETAILS

ADDITIONAL NOTES:

- CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PLAN DISCREPANCIES.
- CONTRACTOR MAY PROPOSE ALTERNATE CONNECTION DETAILS FOR REVIEW AND APPROVAL BY THE ENGINEER.
- CONTRACTOR MAY PROPOSE ALTERNATE FRAMING MATERIALS AND SIZES FOR REVIEW AND APPROVAL BY THE ENGINEER BASED ON LOCAL AVAILABILITY AND MATERIAL COST.
- NOT ALL BUILDING CONNECTIONS AND ELEMENTS ARE DETAILED OR SHOWN WITHIN THIS PLAN SET. CONTRACTOR IS RESPONSIBLE FOR THE FIELD FITTING AND DESIGN OF TYPICAL CONSTRUCTION CONNECTIONS THAT ARE NOT SHOWN. ANY CONNECTION NOT SPECIFICALLY REFERRED TO OR SHOWN IN THIS PLAN SET SHALL BE DESIGNED BY OTHERS.
- ALL DOOR AND WINDOW STYLES SHALL BE DETERMINED BY OWNER AND CONTRACTOR.
- ALL EXTERIOR FINISHES SHALL BE DETERMINED BY OWNER AND CONTRACTOR.
- ALL FLASHING, WEATHERPROOFING, AND RELATED DETAILS SHALL BE DETERMINED BY OTHERS.

2 SHEET INDEX AND ADDITIONAL NOTES
SCALE: NO SCALE

GENERAL: ALL BUILDING CONSTRUCTION SHALL CONFORM TO THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE, AS WELL AS ALL OTHER STATE AND LOCAL BUILDING CODES. IN THE EVENT OF A CODE CONFLICT THE MORE RESTRICTIVE CODE SHALL APPLY.

THE PROPOSED CONSTRUCTION HAS BEEN DESIGNED AS A STABLE STRUCTURE TO RESIST THE DESIGN LOADS LISTED BELOW. THE CONTRACTOR IS RESPONSIBLE FOR SUCH MEASURES AS ARE NECESSARY TO TEMPORARILY SUPPORT PARTIAL AND INCOMPLETE PORTIONS OF THE WORK UNTIL SUCH TIME THAT THE ENTIRE STRUCTURE IS COMPLETE. ALL STRUCTURAL MEMBERS SHALL BE CONTINUOUS UNLESS SPECIFICALLY DETAILED AND/OR APPROVED BY THE ENGINEER.

ANY ITEM NOT SPECIFICALLY DETAILED IN THESE PLANS SHALL BE DESIGNED BY OTHERS.

CONTRACTOR TO VERIFY EXISTING AND PROPOSED BUILDING DIMENSIONS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

CODE PARAMETERS AND ANALYSIS:

TYPE V-B CONSTRUCTION, NON-SPRINKLERED
MAX. BUILDING AREA 9,000 SF + AREA INCREASE FOR SETBACK TO PROPERTY LINES 11,430 SF (BUILDING AREA = 11,400 SF)
MAX. BUILDING HEIGHT 40 FT (ROOF PEAK HEIGHT = 23.5 FEET)
OCCUPANT LOAD PER UNIT IS LESS THAN 49 PERSONS
ONE EXIT REQUIRED, MAX. DISTANCE TO EXIT 75 FEET (MAX. DISTANCE = 58 FEET)

DESIGN LOADS:

BUILDING RISK CATEGORY II	
ROOF DEAD LOAD	= 15 PSF
ROOF SNOW LOAD	= 60 PSF
CEILING LIVE LOAD	= 60 PSF
FLOOR DEAD LOAD	= 60 PSF
FLOOR LIVE LOAD	= 125 PSF (SLAB ON GRADE)
BASIC WIND SPEED	
WIND EXPOSURE	= 105 MPH
SEISMIC SITE CLASS	
Ss	= 0.35
S1	= 0.10
R	= 5.5
Cs	= 0.055
SEISMIC BASE SHEAR	= 18,060 LBS

SOIL BEARING - ALL FOOTINGS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE SOIL BEARING STRENGTH OF 1,500 PSF THAT IS CONSISTENT WITH SILTY CLAY SOILS, LESSOR SOIL CONDITIONS MAY REQUIRE FOOTING SIZE ADJUSTMENT BY THE ENGINEER.

SOIL COMPACTION - ALL SOIL BENEATH CONCRETE SLABS AND FOOTINGS SHALL BE NATIVE, STABLE, UNDISTURBED SOIL OR SOIL COMPACTED TO 95% OF MDD (MODIFIED PROCTOR). ALL PREVIOUSLY IMPORTED FILL TO RECEIVE OVERLYING CONSTRUCTION SHALL BE SUCCESSFULLY TESTED TO 95% OF MDD PRIOR TO CONSTRUCTION.

CONCRETE - MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI FOR FOUNDATIONS AND FOOTINGS. ALL SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI. CAST-IN-PLACE CONCRETE SHALL CONFORM TO ACI 318-14.

3 SPECIFICATIONS
SCALE: NO SCALE

REINFORCEMENT STEEL - REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60. MINIMUM COVER OF REINFORCING STEEL SHALL BE 3" FROM SOIL, 2" FROM FORMS AND 1-1/2" ELSEWHERE. REINFORCEMENT SHALL BE PLACED IN ACCORDANCE WITH THE CSRI MANUAL OF STANDARD PRACTICE. REINFORCEMENT SHALL CONFORM TO ACI 318-14, CHAPTER 25. REBAR SPLICE LENGTH IS 25 INCHES.

BOLTS - ALL STRUCTURAL BOLTS SHALL BE A325N BOLTS UNLESS OTHERWISE NOTED. ALL BOLTS SHALL BE EQUIPPED WITH A NUT AND WASHER. BOLT HOLES SHALL BE STANDARD SIZE HOLES AND BOLTS SHALL BE INSTALLED SNUG TIGHT UNLESS OTHERWISE NOTED. ALL ANCHOR BOLTS SHALL BE ASTM F1554, GRADE 36 BOLTS. ALL ANCHOR BOLTS IN CONTACT WITH CONCRETE SHALL BE GALVANIZED. ALL POST INSTALLED CONCRETE ANCHOR BOLTS (I.E. EPOXY SET, WEDGE, OR TITEN) SHALL BE INSTALLED PER THE MANUFACTURER REQUIREMENTS AND RECOMMENDATIONS.

WOOD MEMBERS - ALL WOOD MEMBERS SHALL BE DOUGLAS FIR-LARCH NO. 2 GRADE MEMBERS OR BETTER UNLESS OTHERWISE NOTED. ALL GLULAM BEAMS SHALL BE 24F-V4 GRADE GLULAM BEAMS. ALL LVL MEMBERS SHALL BE BCI VERSALAM 2.0 2600 OR EQUIVALENT. MAXIMUM MOISTURE CONTENT SHALL BE 19% BY WEIGHT. ALL WOOD IN CONTACT WITH CONCRETE OR SOIL SHALL BE PRESSURE TREATED. PRESSURE TREATED WOOD MEMBERS SHALL BE HEM-FIR NO. 2 OR BETTER. TREATED WOOD SHALL CONFORM TO THE REQUIREMENTS OF AWPB LB-22.

MECHANICAL CONNECTORS - PREFABRICATED FASTENERS SHALL BE USED AT ALL WOOD POST BASES, WOOD BEAM/COLUMN CONNECTIONS, WOOD JOIST/WALL CONNECTIONS, WOOD RAFTER/SUPPORT CONNECTIONS, ETC UNLESS OTHERWISE SPECIFIED. TO PROVIDE ANCHORAGE FOR LIVE AND DEAD LOADS AND UPLIFT FORCES. ALL PRE-FAB FASTENERS TO BE SIMPSON, MITEK USP, OR APPROVED EQUAL. FASTENER FINISHES AND MATERIAL SHALL CONFORM TO THE RECOMMENDATIONS OF SIMPSON FOR THE TYPE OF WOOD MATERIAL THAT IS IN CONTACT WITH THE FASTENERS.

FASTENERS - ALL NAILS USED FOR THE ATTACHMENT OF WOOD STRUCTURAL MEMBERS SHALL BE 16D COMMON NAILS. NAIL SPACING AND EDGE DISTANCES SHALL CONFORM TO SECTION 11.5 OF THE NDS. NAILING SHALL CONFORM TO TABLE 2304.10.1 OF THE 2018 INTERNATIONAL BUILDING CODE (IBC).

PRE-ENGINEERED TRUSSES - ALL ROOF FRAMING TRUSSES SHALL BE PRE-ENGINEERED AND DESIGNED BY OTHERS. OWNER AND CONTRACTOR SHALL PROVIDE TRUSS PLANS AND SPECS TO ENGINEER FOR REVIEW. TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSSES AND THE ROOF LAYOUT INCLUDING ANY REQUIRED OVERFRAMING.

ELECTRICAL - ALL ELECTRICAL INSTALLATION SHALL BE PER APPLICABLE CODE REQUIREMENTS AND DESIGNED BY OTHERS. AN ELECTRICAL PERMIT WILL BE REQUIRED FROM THE IDAHO DEPARTMENT OF BUILDING SAFETY.

PLUMBING - ALL INTERNAL AND EXTERNAL PLUMBING FOR THE BUILDING SHALL BE DESIGNED AND INSTALLED BY OTHERS. A PLUMBING PERMIT WILL BE REQUIRED FROM THE IDAHO DEPARTMENT OF BUILDING SAFETY.

INSULATION AND HVAC - BUILDING SHALL BE INSULATED PER APPLICABLE BUILDING CODE REQUIREMENTS AND THE HVAC SYSTEM SHALL BE DESIGNED BY OTHERS.

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SANDPOINT, IDAHO 83864
(208) 263-4160



SHEET TITLE:
FLOOR PLAN, SHEET INDEX, ADDITIONAL NOTES AND SPECIFICATIONS

PROJECT:
FOURNIER - L8L9 VERMEER STRUCTURAL DRAWINGS BONNER COUNTY, IDAHO

DATE:	01-23-2023
SCALE:	AS SHOWN
DESIGNED:	JPJ
DRAWN:	JPJ
CHECKED:	PJG
PROJ NO.:	06106-22-001
CAD FILE:	Fournier L8L9.dwg
SHEET	S1



DRWCHK

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No. DATE

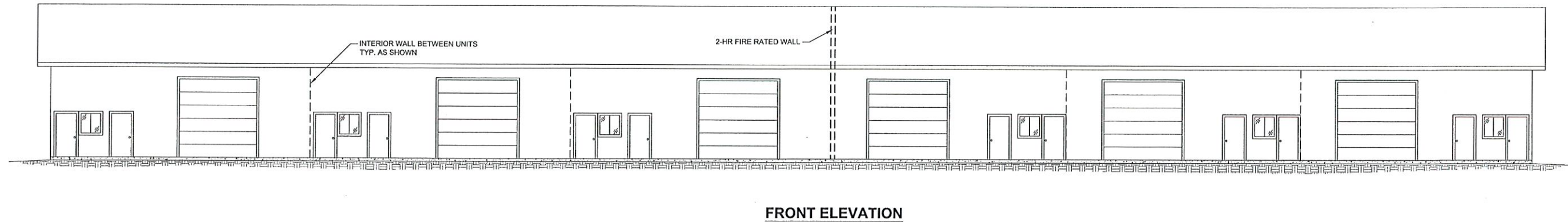
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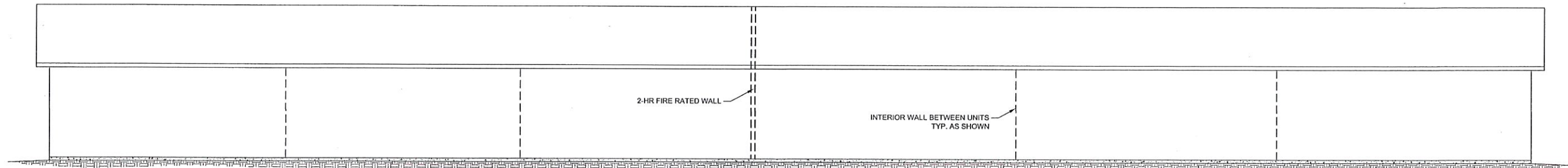
SHEET TITLE: SCHEMATIC BUILDING ELEVATIONS AND DETAILED UNIT FLOOR PLAN
PROJECT: FOURNIER - L8L9 VERMEER STRUCTURAL DRAWINGS
BONNER COUNTY, IDAHO

DATE: 01-23-2023
SCALE: AS SHOWN
DESIGNED: JPJ
DRAWN: JPJ
CHECKED: PJG
PROJ NO: 06108-22-001
CAD FILE: Fournier L8L9.dwg

SHEET S2



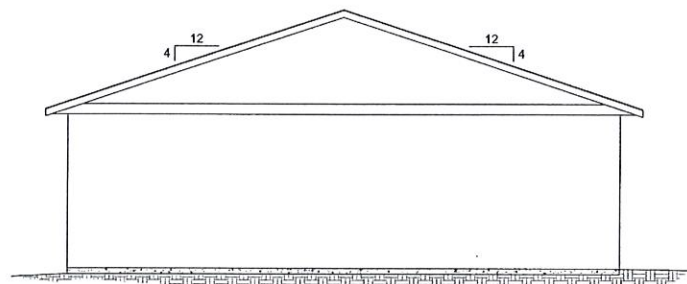
FRONT ELEVATION



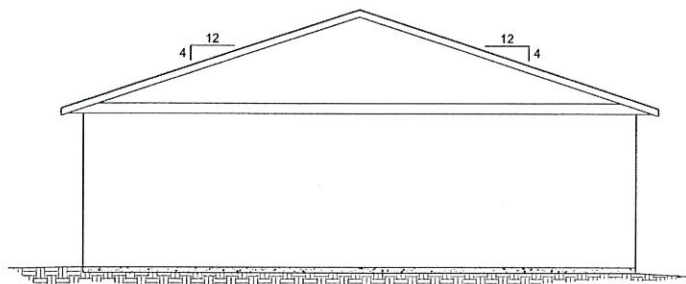
REAR ELEVATION

NOTES FOR THIS DETAIL

1. ALL PROPOSED SIDING TYPE, CONFIGURATION, AND COLOR SHALL BE DETERMINED BY OWNER AND CONTRACTOR.
2. ROOF TYPE MATERIAL, COLOR, AND STYLE BY OWNER.
3. SEE DETAILED PLAN VIEW FOR WINDOW AND DOOR SIZES.
4. WINDOW COLOR AND OPENING CONFIGURATION BY OWNER AND CONTRACTOR.
5. TRIM AND BELLY BAND STYLES BY OWNER AND CONTRACTOR.



LEFT ELEVATION



RIGHT ELEVATION

NOTES FOR THIS DETAIL

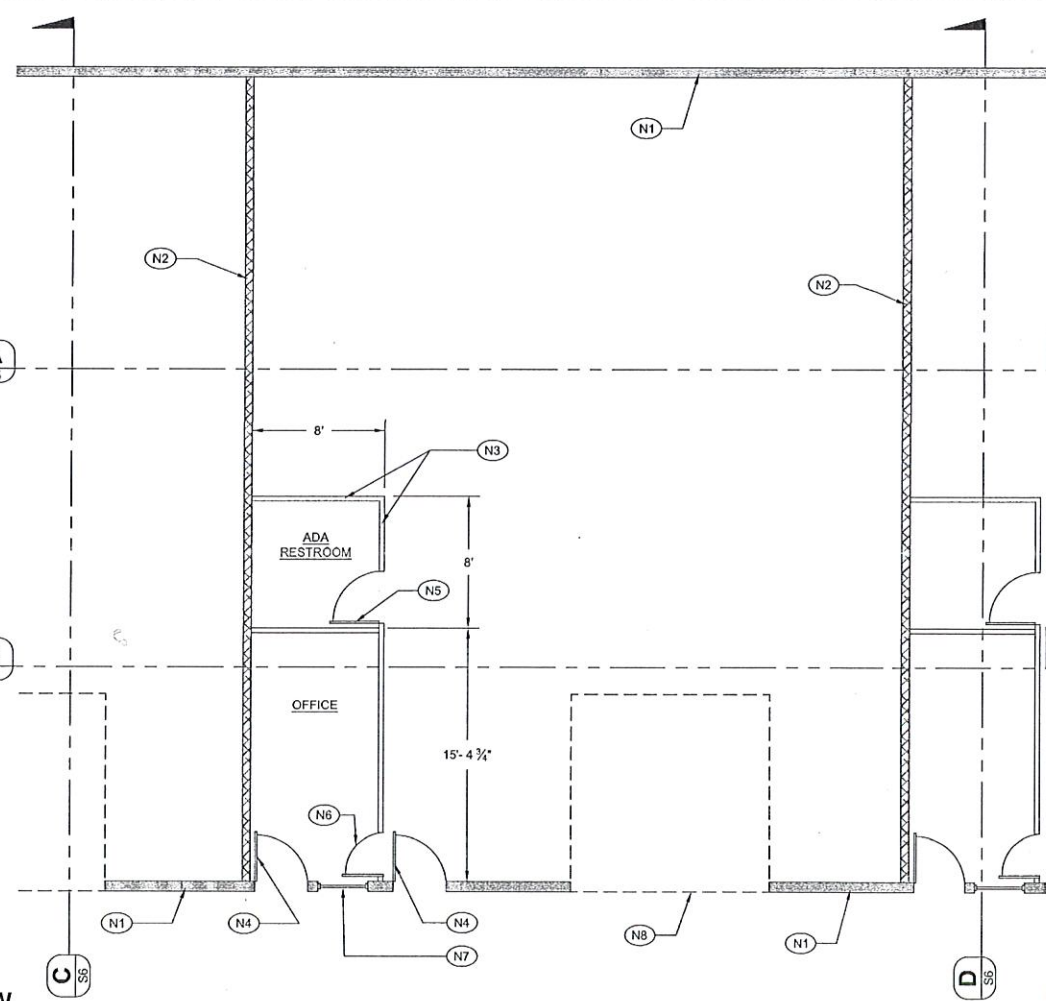
- (N1) 2 X 8 EXTERIOR LOAD BEARING WALL WITH STUDS AT 24" O.C. ALIGN STUDS WITH TRUSS LAYOUT
- (N2) 2 X 6 INTERIOR SHEAR WALL WITH STUDS AT 16" O.C.
- (N3) 2 X 4 INTERIOR PARTITION WALL WITH STUDS AT 24" O.C.
- (N4) 3' X 6' EXTERIOR DOOR
- (N5) 3' X 6' INTERIOR DOOR
- (N6) 2' X 6' INTERIOR DOOR
- (N7) 3' X 3' WINDOW
- (N8) 12' X 12' OVERHEAD DOOR

NOTE: FIXTURE LAYOUT OF ADA RESTROOM SHALL BE DETERMINED BY OTHERS.

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2 DETAILED PLAN VIEW OF UNIT LAYOUT

SCALE: AS SHOWN



SCALE IN FEET

1 SCHEMATIC BUILDING ELEVATIONS

SCALE: AS SHOWN



SCALE IN FEET

HEADER SCHEDULE

SYMBOL	HEADER BEAM	TRIMMER BEARING
(A)	(2) 2 x 6 DF-L NO. 2	(1) 2x6
(B)	(2) 2 x 10 DF-L NO. 2	(2) 2x6
(C)	5-1/8" x 15" 24F-V4 GLULAM	(3) 2x8

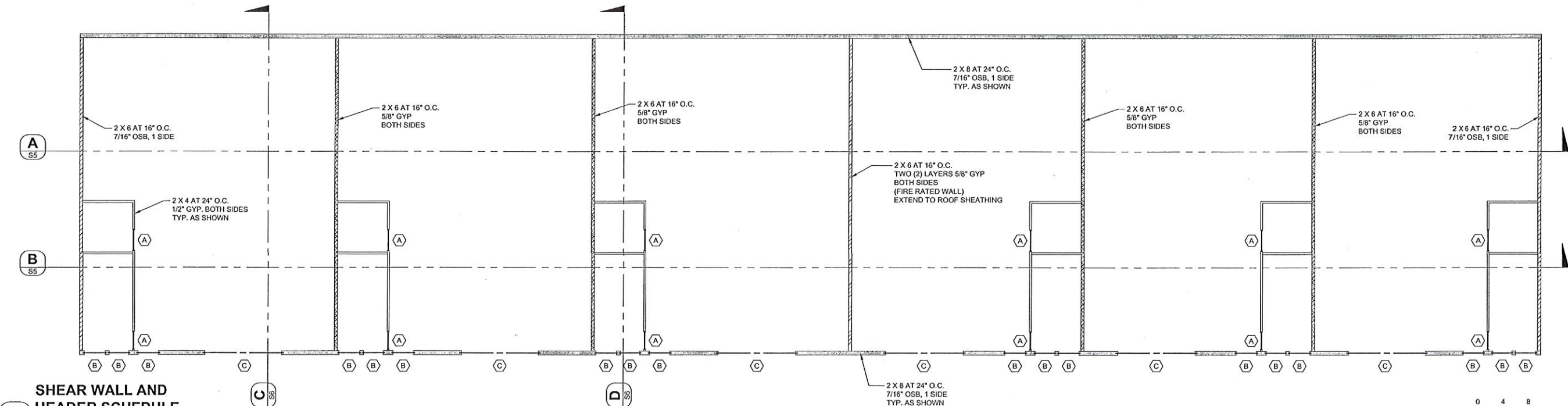
WALL FRAMING NOTES

ALL WALL FRAMING SHALL BE DOUGLAS FIR-LARCH NO. 2 MEMBERS OR EQUIVALENT. STUDS SPACING AS SHOWN. ALL WALLS TO HAVE A DOUBLE TOP PLATE AND PT SILL PLATE. ALL PANEL EDGES IN SHEAR WALLS SHALL BE BLOCKED USING 2x DF-L BLOCKING.

ALL WALLS SHALL BE ANCHORED TO THE FOUNDATION OR FLOOR SLAB WITH 1/2" DIA. ANCHOR BOLTS, SPACING AS SHOWN AND WITHIN 12" OF SILL PLATE ENDS.

WALL KEY AND SHEAR WALL SHEATHING

- INTERIOR PARTITION WALLS
2 X 4 STUDS AT 24" O.C., 1/2" THICK GYP. BOARD BOTH SIDES
72" O.C. ANCHOR BOLT SPACING
- EXTERIOR 2 x 8 LOAD BEARING WALL WITH STUDS AT 24" O.C.
(ALIGN WITH TRUSS LAYOUT) 7/16" OSB EXTERIOR SHEATHING ATTACHED WITH 8D NAILS AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN FIELD
ANCHOR BOLT SPACING IS 80" O.C.
- EXTERIOR 2 x 6 LOAD BEARING WALL WITH STUDS AT 16" O.C.
7/16" OSB EXTERIOR SHEATHING ATTACHED WITH 8D NAILS AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN FIELD
ANCHOR BOLT SPACING IS 60" O.C.
- INTERIOR 2 x 8 WALL NON-LOAD BEARING WALL WITH STUDS AT 16" O.C., 5/8" THICK GYPSUM WALL BOARD SHEATHING BOTH SIDES ATTACHED TO STUDS WITH #6 X 1-1/4" LONG TYPE W SCREWS AT 8" O.C. ALONG PANEL EDGES AND 12" O.C. IN FIELD
ANCHOR BOLT SPACING IS 72" O.C.
- INTERIOR 2 x 6 WALL NON-LOAD BEARING FIRE RATED WALL WITH STUDS AT 16" O.C., TWO LAYERS OF 5/8" THICK GYPSUM WALL BOARD SHEATHING BOTH SIDES ATTACHED TO STUDS WITH #8 X 1-5/8" LONG TYPE W SCREWS AT 8" O.C. ALONG PANEL EDGES AND 12" O.C. IN FIELD
ANCHOR BOLT SPACING IS 72" O.C.

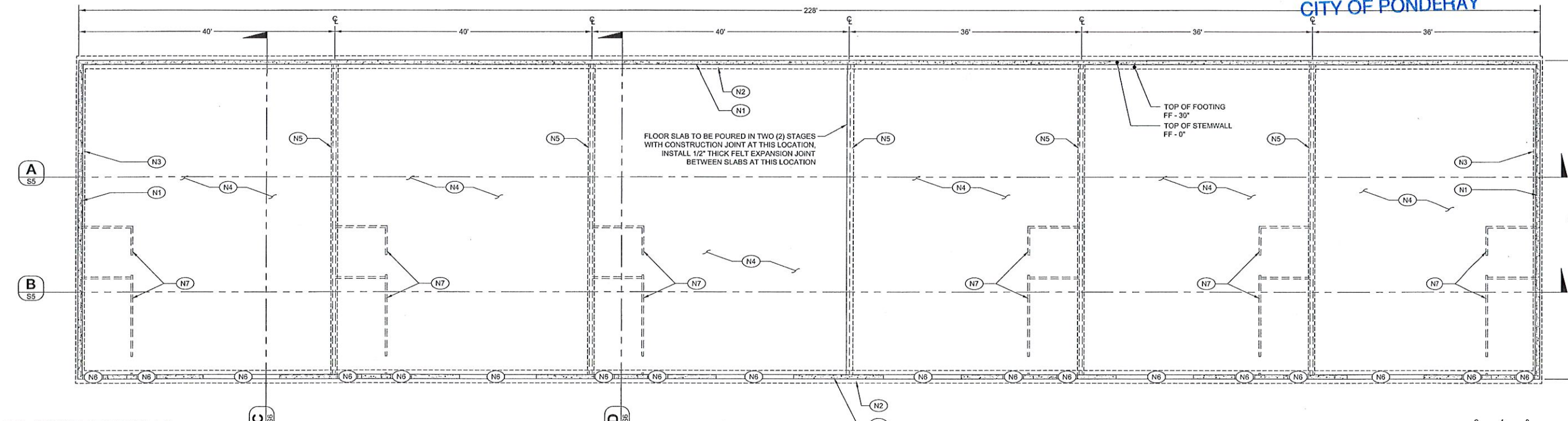


1 SHEAR WALL AND HEADER SCHEDULE
SCALE: AS SHOWN

FOUNDATION PLAN NOTES

- (N1) 8" THICK CONCRETE STEMWALL
- (N2) 24" WIDE X 8" THICK CONCRETE STRIP FOOTING
- (N3) 16" WIDE X 8" THICK CONCRETE STRIP FOOTING
- (N4) 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH #3 BARS AT 18" O.C. EACH WAY
- (N5) 12" WIDE X 8" THICK DEEPEINED SLAB FOOTING AT INTERIOR SHEAR WALLS
- (N6) DROP STEMWALL AND CAP WITH SLAB AT ALL DOORWAY OPENINGS
- (N7) INTERIOR PARTITION WALL SUPPORTED BY SLAB

- NOTES:**
- CONCRETE SLAB SHALL BE EQUIPPED WITH CRACK CONTROL JOINTS AT APPROXIMATELY 10' X 10' GRID.
 - RECOMMEND THE PLACEMENT OF A 1/2" THICK FELT EXPANSION JOINT AROUND THE ENTIRE PERIMETER OF THE SLAB.
 - FILL THE SURFACE OF ALL EXPANSION AND CRACK CONTROL JOINTS WITH ELASTOMERIC SEALANT.



2 FOUNDATION PLAN
SCALE: AS SHOWN

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SHEET TITLE: SHEAR WALL AND HEADERS, FOUNDATION PLAN
PROJECT: FOURNIER - L8L9 VERMEER STRUCTURAL DRAWINGS BONNER COUNTY, IDAHO

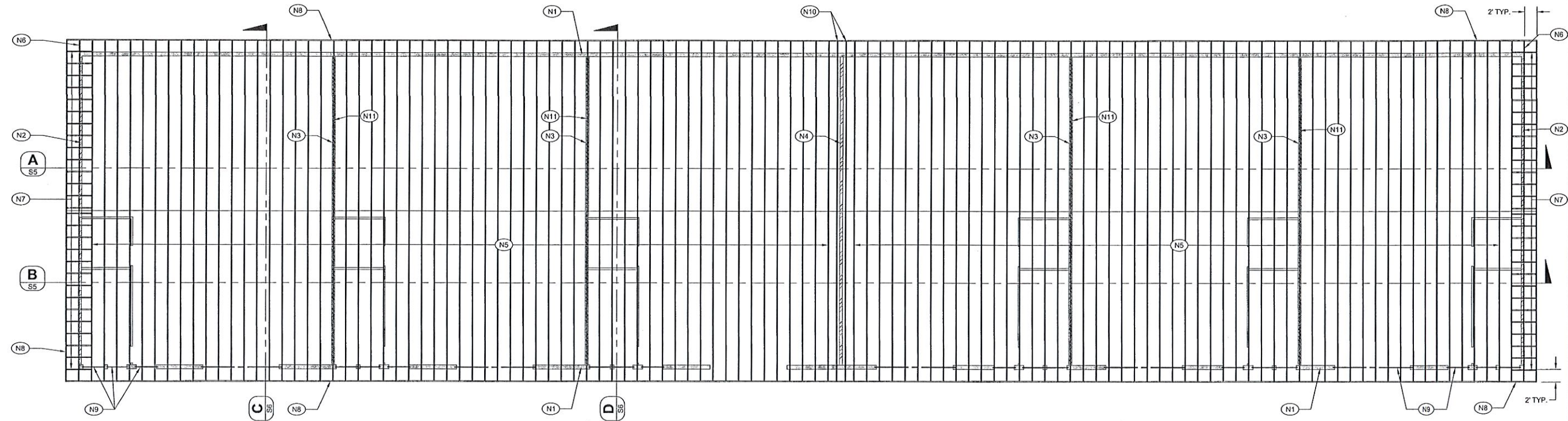
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CHECKED:	PJG
PROJ. NO.:	06106-22-001
CAD FILE:	Fournier L8L9.dwg
SHEET:	S3

ROOF FRAMING PLAN NOTES

- (N1) 2 X 8 EXTERIOR LOAD BEARING WALL WITH STUDS AT 24" O.C. ALIGN STUDS WITH TRUSS LAYOUT
- (N2) 2 X 6 EXTERIOR LOAD BEARING WALL WITH STUDS AT 16" O.C.
- (N3) 2 X 6 INTERIOR SHEAR WALL, SEE DETAIL 1, SHEET S3
- (N4) 2 X 6 FIRE RATED WALL, EXTENDS TO UNDERSIDE OF ROOF SHEATHING, 2 X 6 STUDS AT TWO (2) LAYERS OF 5/8" GYPSUM BOARD EACH SIDE
- (N5) PRE-ENGINEERED TRUSSES AT 24" O.C. DESIGN BY OTHERS
- (N6) PRE-ENGINEERED GABLE END DROP TRUSS DESIGN BY OTHERS
- (N7) 2 X 6 OUTLOOKERS AT 24" O.C.
- (N8) 2 X 6 SUBFASCIA
- (N9) HEADER, TYP. AS SHOWN SEE DETAIL 1, SHEET S3 FOR SIZE
- (N10) ADJUST TRUSS LAYOUT TO 16" O.C. AT FIRE SEPARATION WALL (* SEE NOTE)
- (N11) INSTALL A DRAFT STOP IN ATTACH ABOVE INTERIOR SHEAR WALLS

* FIRE RATED WALL TRUSS NOTE:
AS AN OWNER OPTION A SINGLE TRUSS WITH VERTICAL WEBS AT 16" O.C. CAN BE INSTALLED AT THE FIRE RATED WALL LOCATION AND TRUSS CAN BE SHEATHED BOTH SIDES WITH TWO (2) LAYERS OF 5/8" THICK GYPSUM BOARD TO CREATE THE FIRE RATED WALL.

GENERAL ROOF FRAMING NOTES:
1. THE ROOF SHEATHING SHALL CONSIST OF 5/8" NOMINAL THICKNESS 40/20 APA RATED SHEATHING.
2. SHEATHING SHALL BE ATTACHED TO FRAMING MEMBERS WITH 8D NAILS AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN-FIELD.
3. OWNER AND CONTRACTOR TO PROVIDE TRUSS DRAWINGS AND LAYOUT TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION OF THE TRUSSES.



1 ROOF FRAMING PLAN
SCALE: AS SHOWN

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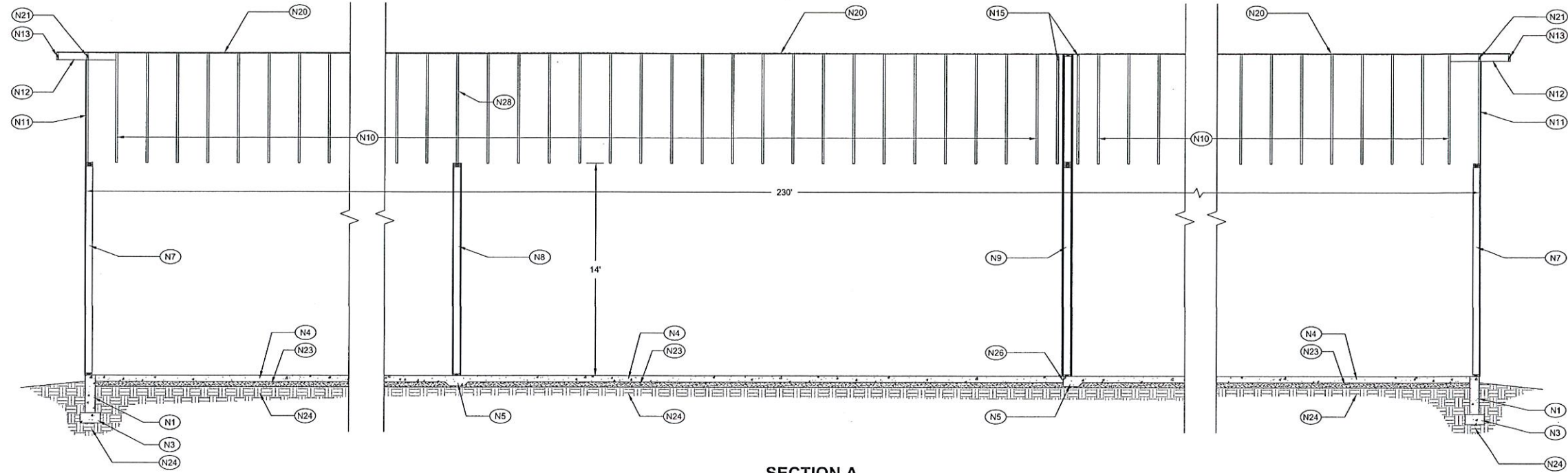


SHEET TITLE: ROOF FRAMING PLAN
PROJECT: FOURNIER - L8L9 VERMEER
STRUCTURAL DRAWINGS
BONNER COUNTY, IDAHO

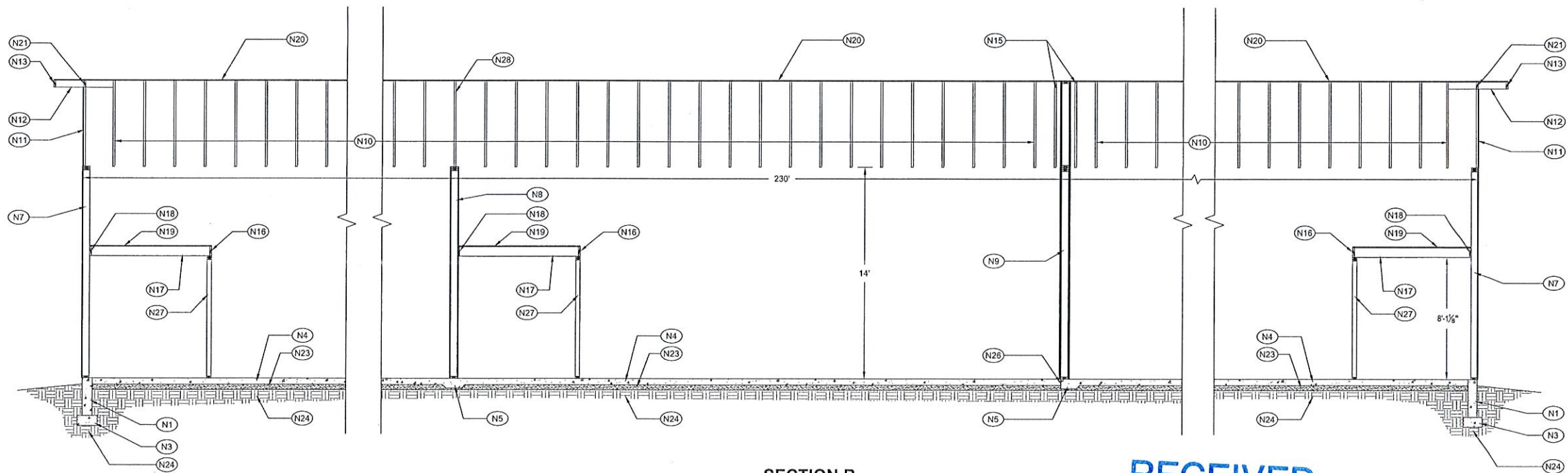
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PROJ. NO.:	06106-22-001
CAD FILE:	Fournier L8L9.dwg
SHEET:	S4

SCHEMATIC STRUCTURAL SECTION NOTES
(NOT ALL NOTES MAY BE APPLICABLE TO THIS SHEET)

- (N1) 8" THICK CONCRETE STEMWALL
- (N2) 24" WIDE X 8" THICK CONCRETE STRIP FOOTING
- (N3) 16" WIDE X 8" THICK CONCRETE STRIP FOOTING
- (N4) 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH #3 BARS AT 18" O.C. EACH WAY
- (N5) 12" WIDE X 8" THICK DEEPEDED SLAB FOOTING AT INTERIOR SHEAR WALLS
- (N6) 2 X 8 EXTERIOR LOAD BEARING WALL WITH STUDS AT 24" O.C. ALIGN STUDS WITH TRUSS LAYOUT SEE DETAIL 1, SHEET S3 FOR SHEATHING REQ.
- (N7) 2 X 6 EXTERIOR LOAD BEARING WALL WITH STUDS AT 16" O.C. SEE DETAIL 1, SHEET S3 FOR SHEATHING REQ.
- (N8) 2 X 6 INTERIOR SHEAR WALL. SEE DETAIL 1, SHEET S3 FOR SHEATHING REQ.
- (N9) 2 X 6 FIRE RATED WALL, EXTENDS TO UNDERSIDE OF ROOF SHEATHING, 2 X 6 STUDS AT TWO (2) LAYERS OF 5/8" GYPSUM BOARD EACH SIDE SEE DETAIL 1, SHEET S3 FOR SHEATHING REQ.
- (N10) PRE-ENGINEERED TRUSSES AT 24" O.C. DESIGN BY OTHERS
- (N11) PRE-ENGINEERED GABLE END DROP TRUSS DESIGN BY OTHERS
- (N12) 2 X 6 OUTLOOKERS AT 24" O.C.
- (N13) 2 X 6 SUBFASCIA
- (N14) HEADER, TYP. AS SHOWN SEE DETAIL 1, SHEET S3 FOR SIZE
- (N15) ADJUST TRUSS LAYOUT TO 16" O.C. AT FIRE SEPARATION WALL (* SEE NOTE SHEET S4)
- (N16) 2 X 8 RIMBOARD
- (N17) 2 X 8 DF-L NO. 2 CEILING RAFTERS AT 24" O.C. WITH LUS26 HANGER AT LEDGER
- (N18) 2 X 8 DF-L NO. 2 LEDGER ATTACHED TO STUDS WITH THREE (3) 5" LONG MITEK WSWH5 SCREWS OR EQUIVALENT AT EACH STUD
- (N19) 3/4" THICK APA RATED SUBFLOOR
- (N20) ROOF SECTION ROOFING TYPE BY OWNER OVER 30 LB ROOFING FELT (I&W AT EAVES) OVER 5/8" APA RATED SHEATHING
- (N21) SOLID BLOCKING AS SHOWN
- (N22) 2 X 14 BLOCKING BETWEEN TRUSSES OR EQUIVALENT, VENT HOLES PER IBC
- (N23) 4" THICK LAYER OF COMPACTED SAND OR GRAVEL, COMPACT TO 95% OF MDD (MODIFIED)
- (N24) NATIVE UNDISTURBED SOIL OR SOIL COMPACTED TO 95% OF MDD (MODIFIED)
- (N25) HARD SURFACING AT FRONT OF BUILDING TYPE BY OWNER, HOLD DOWN 1/2" FROM TOP OF SLAB AND TAPER FOR ADA ACCESSIBILITY
- (N26) FLOOR SLAB TO BE POURED IN TWO (2) STAGES WITH CONSTRUCTION JOINT AT THIS LOCATION, INSTALL 1/2" THICK FELT EXPANSION JOINT BETWEEN SLABS AT THIS LOCATION
- (N27) INTERIOR WALL AT OFFICE/BATHROOM 2 X 4 STUDS AT 24" O.C. WITH 1/2" THICK GYP. WALL BOARD BOTH SIDES
- (N28) INSTALL A DRAFT STOP IN ATTIC ABOVE INTERIOR SHEAR WALLS



SECTION A

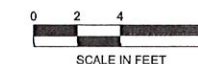


SECTION B

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1 SCHEMATIC STRUCTURAL SECTIONS
SCALE: AS SHOWN



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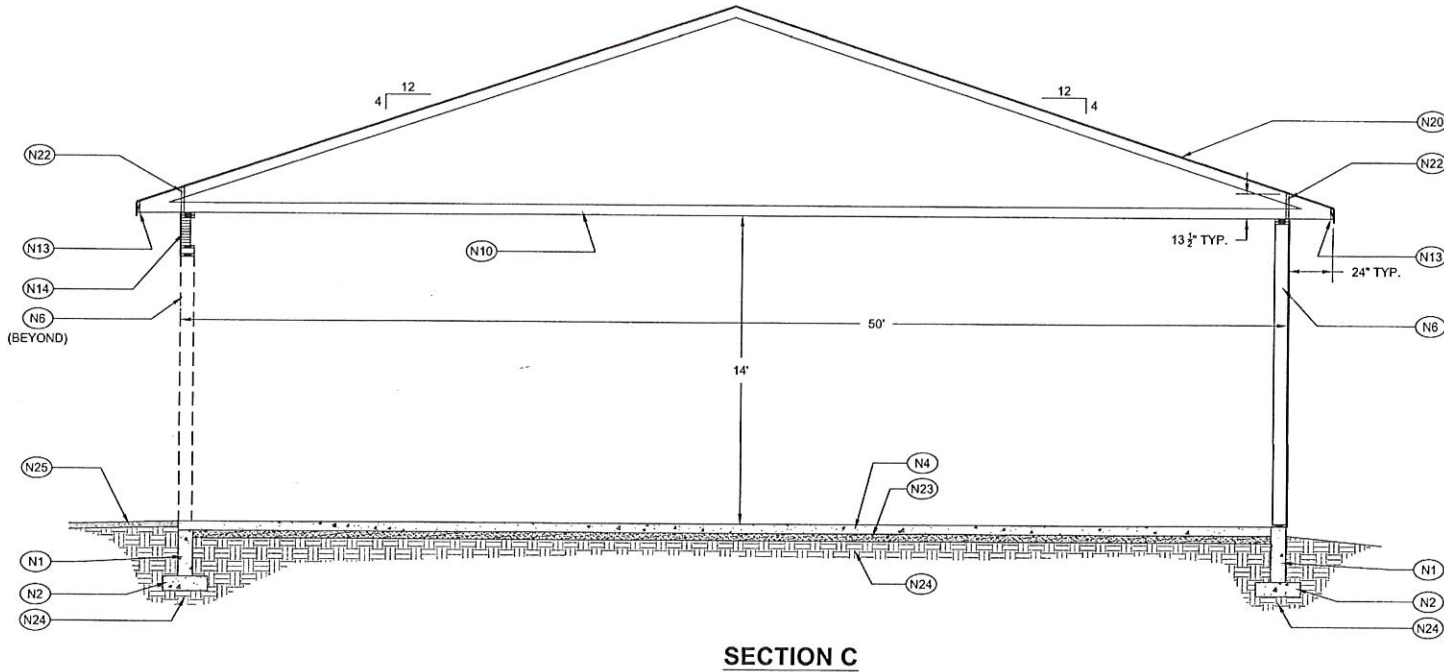


SHEET TITLE: SCHEMATIC STRUCTURAL SECTIONS
PROJECT: FOURNIER - L8L9 VERMEER STRUCTURAL DRAWINGS BONNER COUNTY, IDAHO

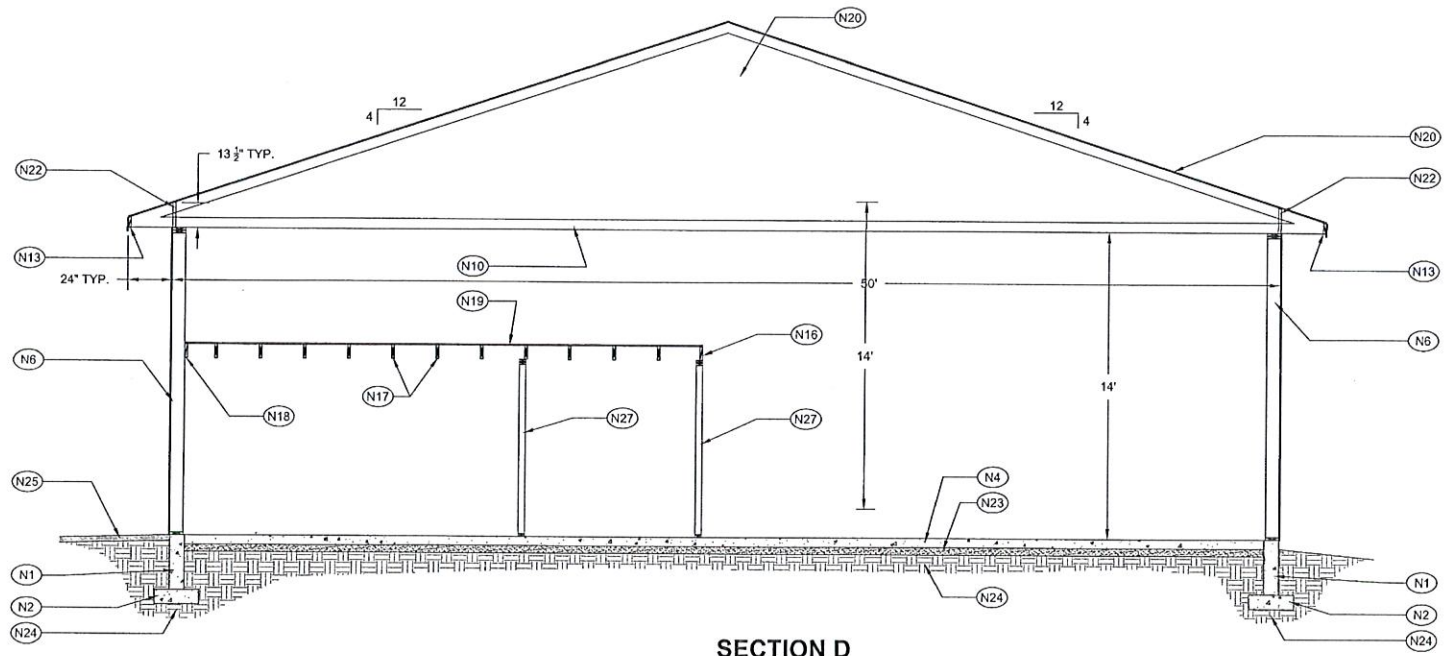
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SCALE:	AS SHOWN
DESIGNED:	JPJ
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CAD FILE:	Fournier L8L9.dwg
SHEET	S5

SCHEMATIC STRUCTURAL SECTION NOTES
(NOT ALL NOTES MAY BE APPLICABLE TO THIS SHEET)

- (N1) 8" THICK CONCRETE STEMWALL
- (N2) 24" WIDE X 8" THICK CONCRETE STRIP FOOTING
- (N3) 16" WIDE X 8" THICK CONCRETE STRIP FOOTING
- (N4) 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH #3 BARS AT 18" O.C. EACH WAY
- (N5) 12" WIDE X 8" THICK DEEPEINED SLAB FOOTING AT INTERIOR SHEAR WALLS
- (N6) 2 X 8 EXTERIOR LOAD BEARING WALL WITH STUDS AT 24" O.C. ALIGN STUDS WITH TRUSS LAYOUT SEE DETAIL 1, SHEET S3 FOR SHEATHING REQ.
- (N7) 2 X 6 EXTERIOR LOAD BEARING WALL WITH STUDS AT 18" O.C. SEE DETAIL 1, SHEET S3 FOR SHEATHING REQ.
- (N8) 2 X 6 INTERIOR SHEAR WALL, SEE DETAIL 1, SHEET S3 FOR SHEATHING REQ.
- (N9) 2 X 6 FIRE RATED WALL, EXTENDS TO UNDERSIDE OF ROOF SHEATHING, 2 X 6 STUDS AT TWO (2) LAYERS OF 5/8" GYPSUM BOARD EACH SIDE SEE DETAIL 1, SHEET S3 FOR SHEATHING REQ.
- (N10) PRE-ENGINEERED TRUSSES AT 24" O.C. DESIGN BY OTHERS
- (N11) PRE-ENGINEERED GABLE END DROP TRUSS DESIGN BY OTHERS
- (N12) 2 X 6 OUTLOOKERS AT 24" O.C.
- (N13) 2 X 6 SUBFASCIA
- (N14) HEADER, TYP. AS SHOWN SEE DETAIL 1, SHEET S3 FOR SIZE
- (N15) ADJUST TRUSS LAYOUT TO 16" O.C. AT FIRE SEPARATION WALL (* SEE NOTE SHEET S4)
- (N16) 2 X 8 RIMBOARD
- (N17) 2 X 8 DF-L NO. 2 CEILING RAFTERS AT 24" O.C. WITH LUS26 HANGER AT LEDGER
- (N18) 2 X 8 DF-L NO. 2 LEDGER ATTACHED TO STUDS WITH THREE (3) 5" LONG MITEK WSWHS SCREWS OR EQUIVALENT AT EACH STUD
- (N19) 3/4" THICK APA RATED SUBFLOOR
- (N20) ROOF SECTION ROOFING TYPE BY OWNER OVER 30 LB ROOFING FELT (&W AT EAVES) OVER 5/8" APA RATED SHEATHING
- (N21) SOLID BLOCKING AS SHOWN
- (N22) 2 X 14 BLOCKING BETWEEN TRUSSES OR EQUIVALENT, VENT HOLES PER IBC
- (N23) 4" THICK LAYER OF COMPACTED SAND OR GRAVEL, COMPACT TO 95% OF MDD (MODIFIED)
- (N24) NATIVE UNDISTURBED SOIL OR SOIL COMPACTED TO 95% OF MDD (MODIFIED)
- (N25) HARD SURFACING AT FRONT OF BUILDING TYPE BY OWNER, HOLD DOWN 1/2" FROM TOP OF SLAB AND TAPER FOR ADA ACCESSIBILITY
- (N26) FLOOR SLAB TO BE POURED IN TWO (2) STAGES WITH CONSTRUCTION JOINT AT THIS LOCATION, INSTALL 1/2" THICK FELT EXPANSION JOINT BETWEEN SLABS AT THIS LOCATION
- (N27) INTERIOR WALL AT OFFICE/BATHROOM 2 X 4 STUDS AT 24" O.C. WITH 1/2" THICK GYP. WALL BOARD BOTH SIDES
- (N28) INSTALL A DRAFT STOP IN ATTIC ABOVE INTERIOR SHEAR WALLS



SECTION C



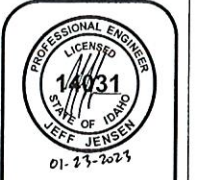
SECTION D

1 SCHEMATIC STRUCTURAL SECTIONS
SCALE: AS SHOWN

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FEB 02 2023

PLANNING OFFICE
CITY OF PONDERAY



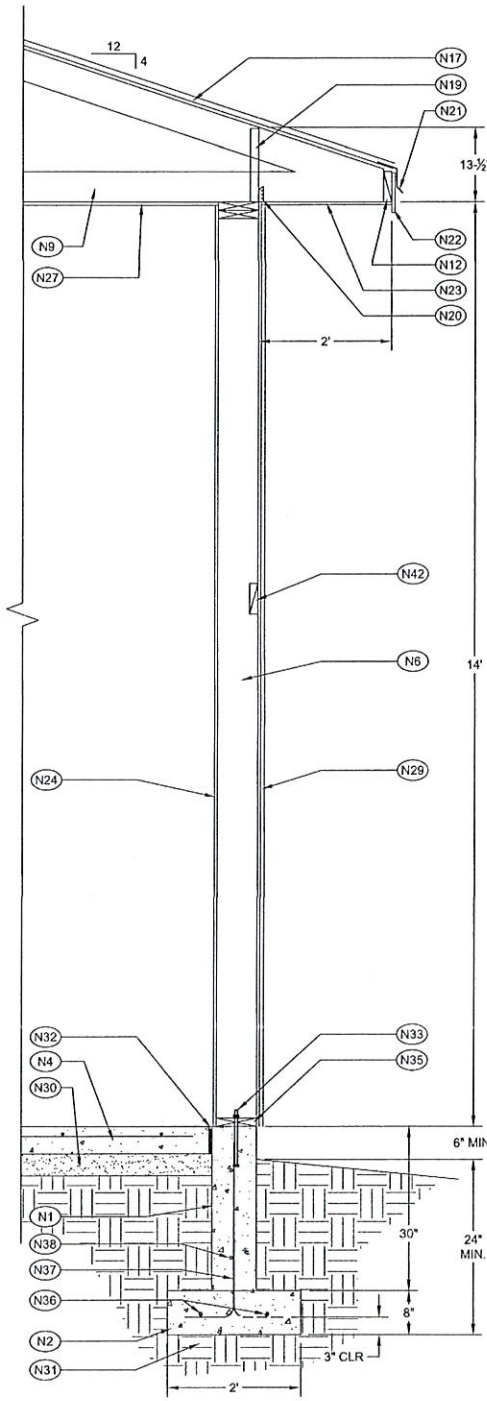
NO.	DATE	REVISION

James A. Sewell and Associates, LLC
1319 NORTH DIVISION AVENUE
SANDPOINT, IDAHO 83864
(208) 263-4160

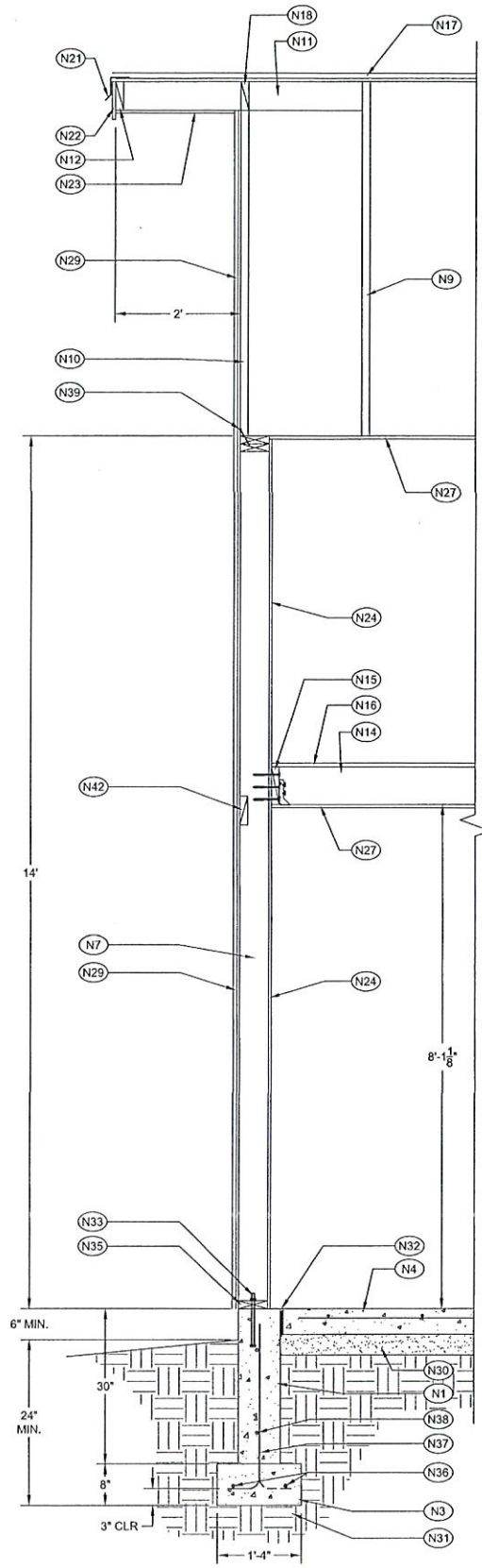
SHEET TITLE: SCHEMATIC STRUCTURAL SECTIONS
PROJECT: FOURNIER - L8L9 VERMEER STRUCTURAL DRAWINGS BONNER COUNTY, IDAHO
DATE: 01-23-2023
SCALE: AS SHOWN
DESIGNED: JPJ
DRAWN: JPJ
CHECKED: PJG
PROJ NO: 06108-22-001
CAD FILE: Fournier L8L9.dwg
SHEET **S6**

SCHEMATIC STRUCTURAL SECTION NOTES
(NOT ALL NOTES MAY BE APPLICABLE TO THIS SHEET)

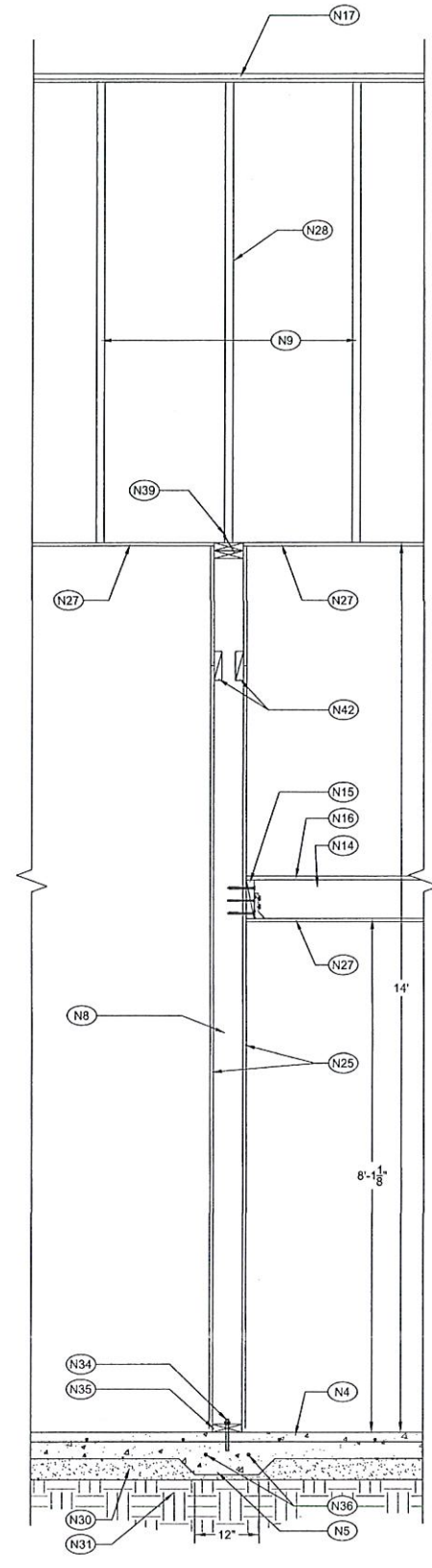
- (N1) 8" THICK CONCRETE STEMWALL
- (N2) 24" WIDE X 8" THICK CONCRETE STRIP FOOTING
- (N3) 16" WIDE X 8" THICK CONCRETE STRIP FOOTING
- (N4) 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH #3 BARS AT 18" O.C. EACH WAY
- (N5) 12" WIDE X 8" THICK DEEPEINED SLAB FOOTING AT INTERIOR SHEAR WALLS
- (N6) 2 X 8 EXTERIOR LOAD BEARING WALL WITH STUDS AT 24" O.C. ALIGN STUDS WITH TRUSS LAYOUT
- (N7) 2 X 6 EXTERIOR LOAD BEARING WALL WITH STUDS AT 16" O.C.
- (N8) 2 X 6 INTERIOR SHEAR WALL WITH STUDS AT 16" O.C.
- (N9) PRE-ENGINEERED TRUSSES AT 24" O.C. DESIGN BY OTHERS
- (N10) PRE-ENGINEERED GABLE END DROP TRUSS DESIGN BY OTHERS
- (N11) 2 X 6 OUTLOOKERS AT 24" O.C.
- (N12) 2 X 6 SUBFASCIA
- (N13) ADJUST TRUSS LAYOUT TO 16" O.C. AT FIRE SEPARATION WALL (* SEE NOTE SHEET S4)
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- (N15) 2 X 8 DF-L NO. 2 LEDGER ATTACHED TO STUDS WITH THREE (3) 5" LONG MITEK WSWH5 SCREWS OR EQUIVALENT AT EACH STUD
- (N16) 3/4" THICK APA RATED SUBFLOOR
- (N17) ROOF SECTION ROOFING TYPE BY OWNER OVER 30 LB ROOFING FELT (I&W AT EAVES) OVER 5/8" APA RATED SHEATHING
- (N18) SOLID BLOCKING AS SHOWN
- (N19) 2 X 14 BLOCKING BETWEEN TRUSSES OR EQUIVALENT, VENT HOLES PER IBC
- (N20) SIMPSON H1 CLIP EACH END OF EACH TRUSS OR EQUIVALENT
- (N21) METAL DRIP EDGE
- (N22) 1 X 8 FASCIA, STYLE BY OWNER
- (N23) VENTED SOFFIT, STYLE BY OWNER
- (N24) 1/2" THICK GYP. WALL BOARD
- (N25) 5/8" THICK GYP. WALL BOARD
- (N26) TWO (2) LAYERS OF 5/8" THICK GYP. WALL BOARD
- (N27) 5/8" THICK GYP. CEILING BOARD
- (N28) INSTALL A DRAFT STOP IN ATTIC ABOVE INTERIOR SHEAR WALLS
- (N29) SIDING, STYLE AND TYPE BY OWNER OVER VAPOR BARRIER BUILDING WRAP
- (N30) 4" THICK LAYER OF COMPACTED SAND OR GRAVEL, COMPACT TO 95% OF MDD (MODIFIED)
- (N31) NATIVE UNDISTURBED SOIL OR SOIL COMPACTED TO 95% OF MDD (MODIFIED)
- (N32) 1/2" THICK FELT EXPANSION JOINT WITH ELASTOMERIC JOINT SEALANT CAP
- (N33) 1/2" DIA. X 10" LONG CAST IN PLACE ANCHOR BOLTS AT 60" O.C. AND WITHIN 12" OF PLATE ENDS
- (N34) 1/2" DIA. X 6" LONG EPOXY SET OR WEDGE ANCHOR BOLTS AT 72" O.C.
- (N35) PT SILL PLATE
- (N36) TWO (2) #4 CONTINUOUS BARS IN FOOTING AT SHOWN
- (N37) #4 HOOKED BARS FROM FOOTING INTO STEMWALL AT 16" O.C., ALTERNATE HOOK DIRECTION
- (N38) TWO (2) #4 HORIZONTAL BARS IN STEMWALL AS SHOWN
- (N39) 16D TOENAILS AT 8" O.C. TO ATTACH TRUSS TO TOP OF WALL OR SIMPSON A34 CLIPS AT 32" O.C.
- (N40) 16D NAILS AT 12" O.C.
- (N41) 8D NAILS AT 6" O.C. TO ATTACH ROOF SHEATHING TO SHEARWALL
- (N42) BLOCKING AT SHEATHING JOINTS CONFIGURATION BY CONTRACTOR



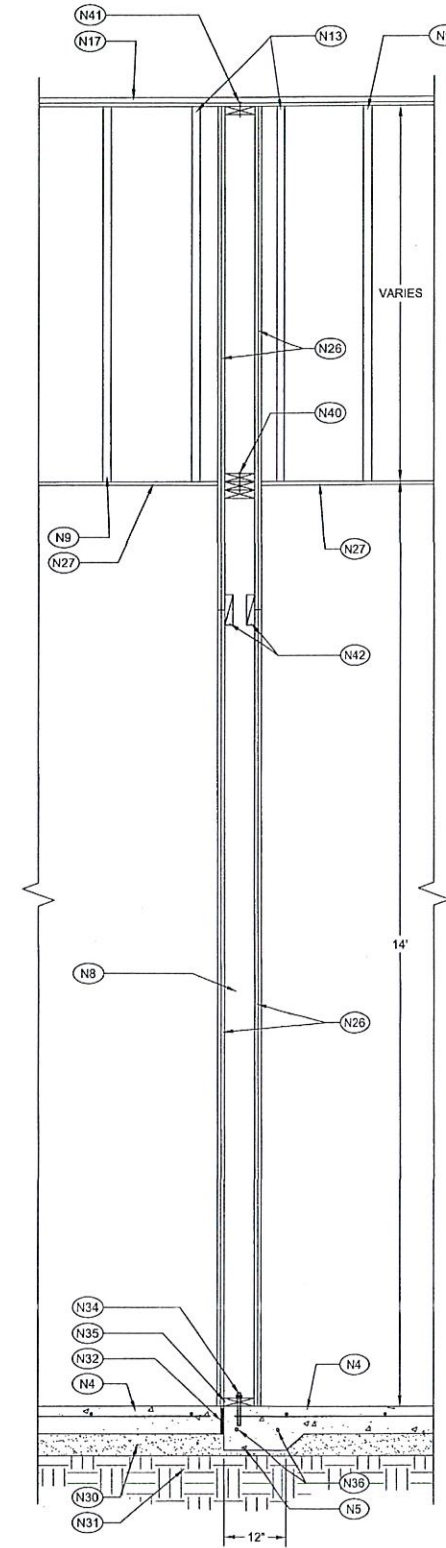
FRONT AND BACK WALLS



SIDE WALLS



INTERIOR SHEAR WALL



FIRE RATED WALL

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FEB 02 2023

PLANNING OFFICE
CITY OF PONDERAY

1 TYPICAL WALL SECTIONS AND DETAILS
SCALE: AS SHOWN



NO.	DATE	REVISION	DRAWN BY

James A. Sewell and Associates, LLC
 1319 NORTH DIVISION AVENUE
 SANDPOINT, IDAHO 83864
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SHEET:	S7