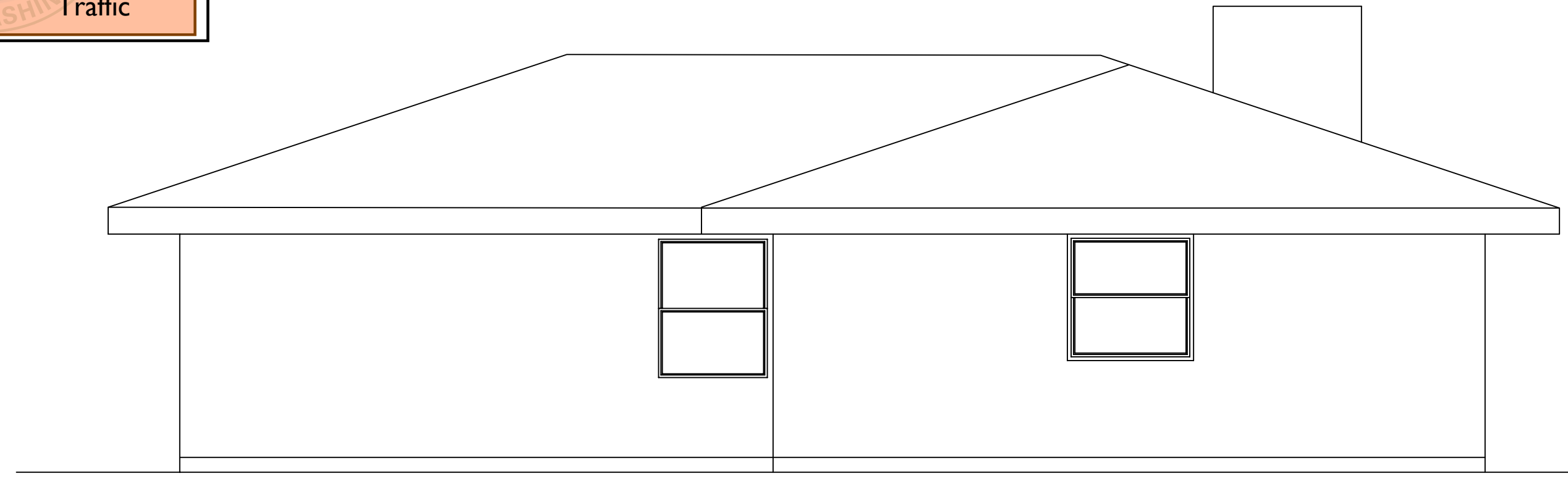


City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

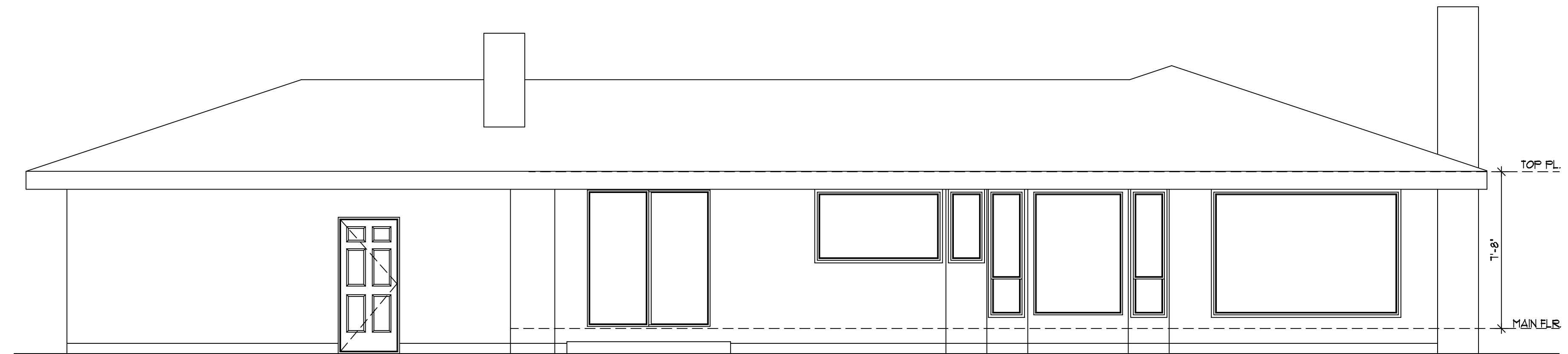
Building	Planning
Engineering	Public Works
Fire	Traffic

B-21-0070
CITY OF PUYALLUP



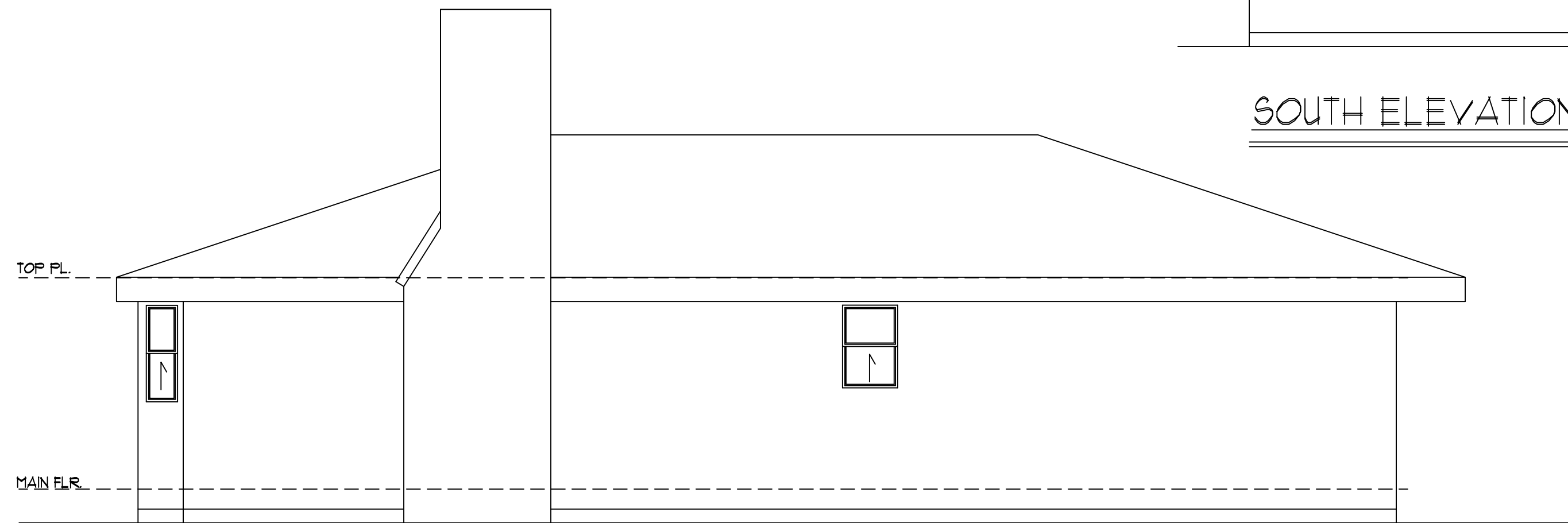
WEST ELEVATION

SCALE : 1/4" = 1'-0"



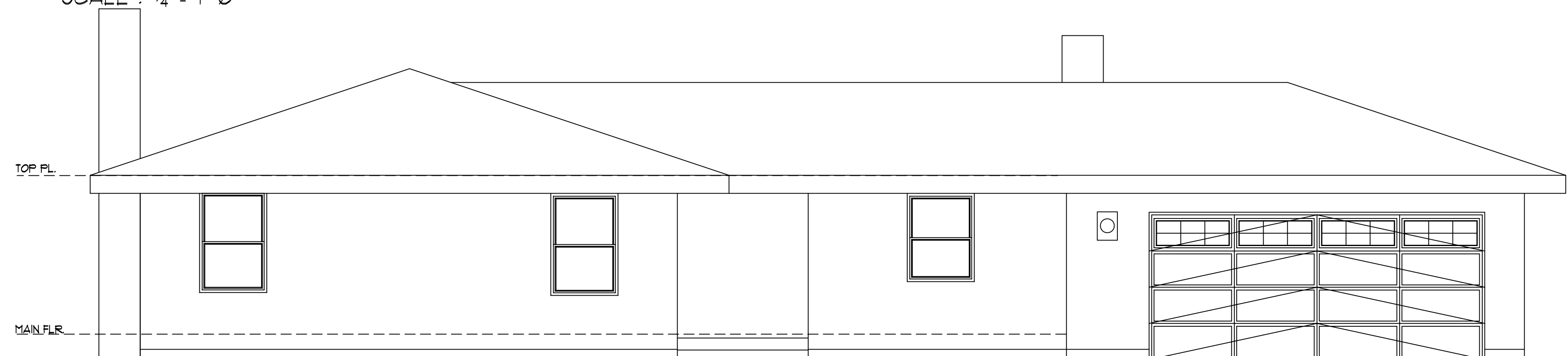
SOUTH ELEVATION (REAR)

SCALE : 1/4" = 1'-0"



EAST ELEVATION

SCALE : 1/4" = 1'-0"



NORTH ELEVATION (FRONT)

SCALE : 1/4" = 1'-0"

PARCEL #3055000470
 1922 5TH AVE SW
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 ph: 253.756.1652 fx: 253.756.2025

EXISTING ELEVATIONS

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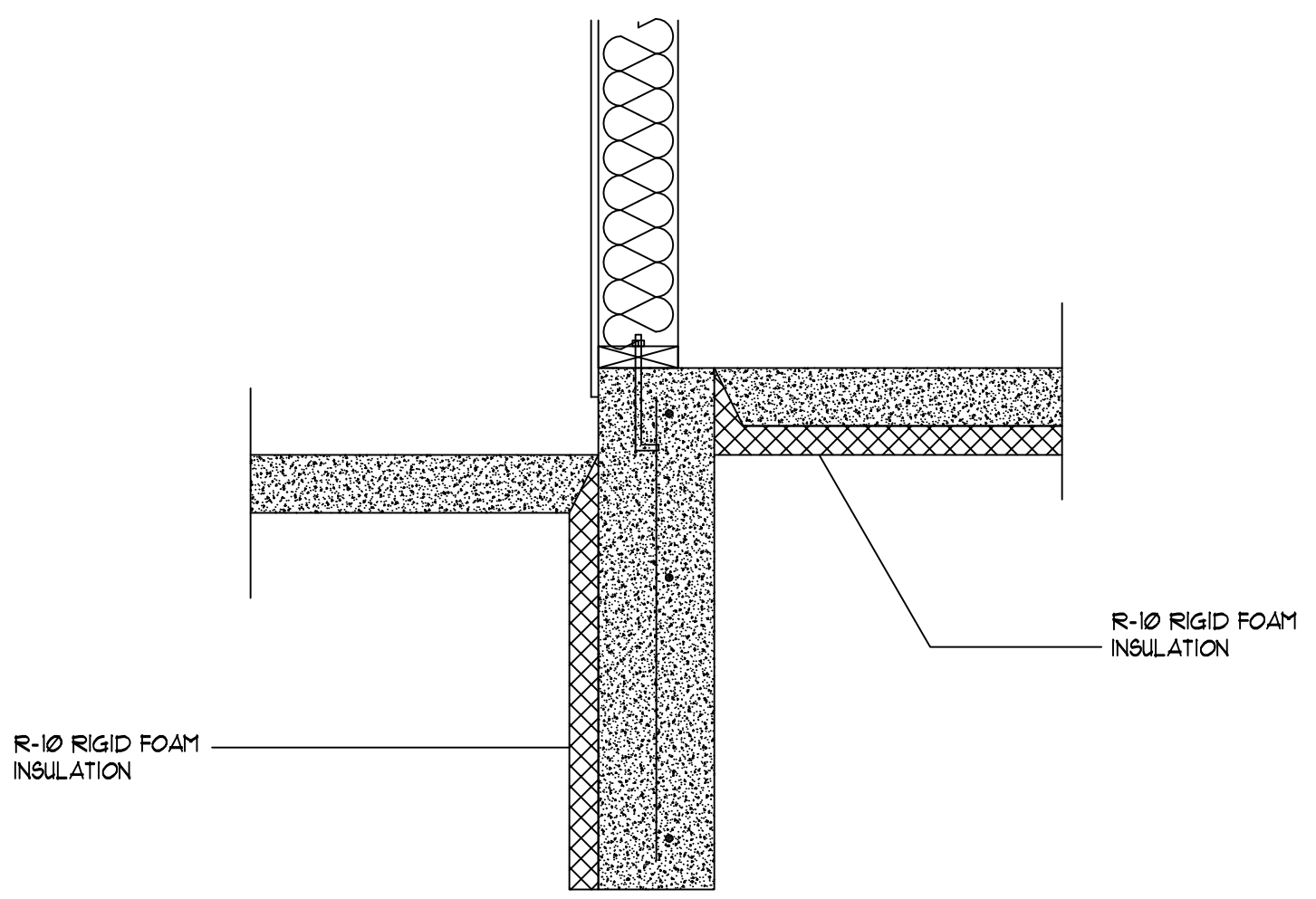
A3

DATE:
01/20/21
DESIGNER
JPD

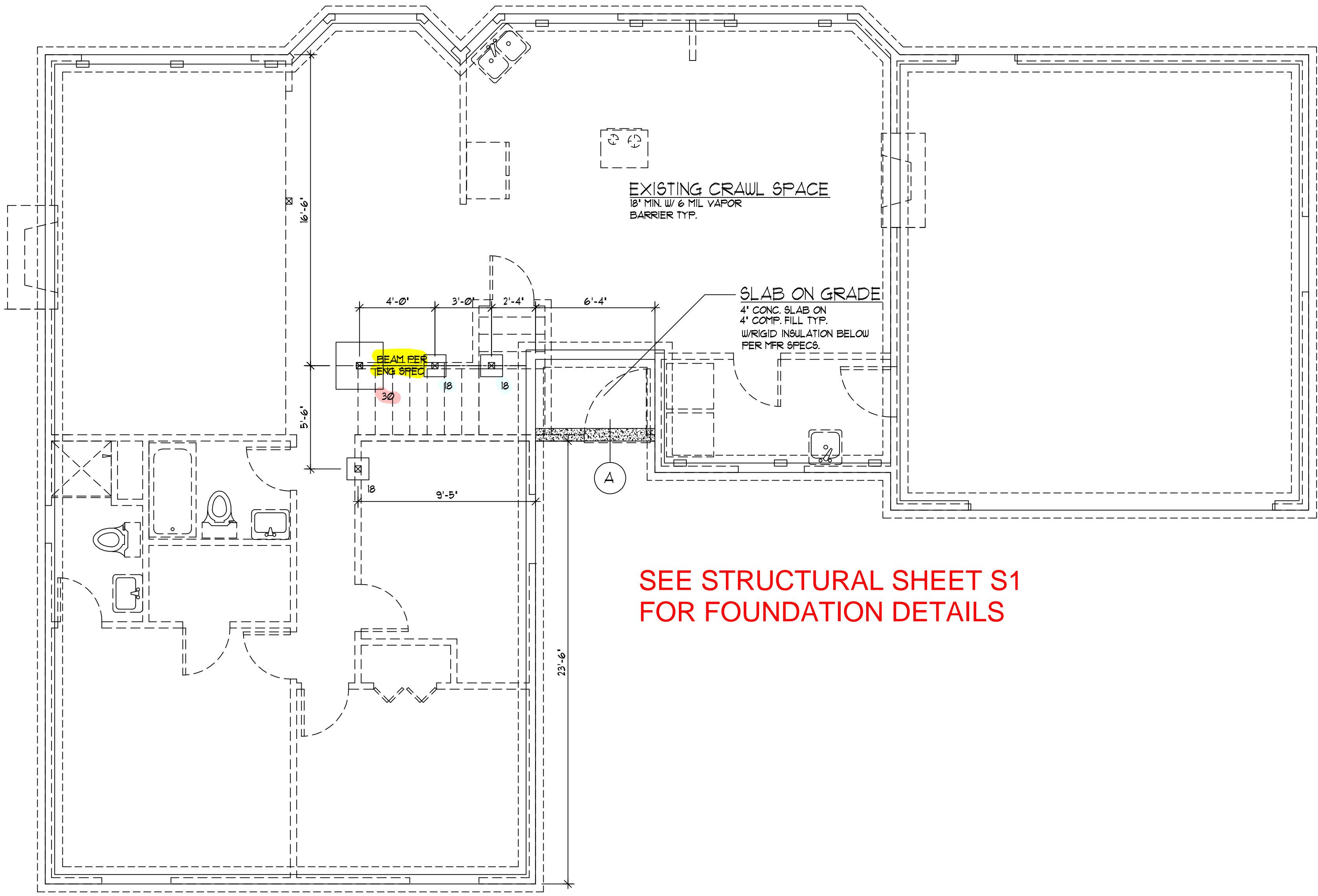
11

PROJECT #:
R19.021

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic



A PORCT/ENTRY SECTION



SEE STRUCTURAL SHEET S1
FOR FOUNDATION DETAILS

B-21-0070
CITY OF PUYALLUP

FOUNDATION / MAIN FLOOR FRAMING PLAN

- © 2020 MD Designs
- ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED
 - ALL FOOTINGS TO REST ON UNDISTURBED SOIL
 - PROVIDE POSITIVE DRAINAGE FROM CRAWLSPACE PER I.R.C. 405.1
 - PROVIDE 1-JOIST LAYOUT AND SPECS ON SITE FOR INSPECTION
 - PROVIDE SOLID BLOCKING OVER SUPPORTS
 - PROVIDE SUPPLEMENTAL JOISTS/BLOCKING BELOW SHEAR WALLS IF AS REQUIRED ON STRUCTURAL SHEET
 - ⊗ PROVIDE SOLID FRAMING EQUAL TO THE WIDTH OF THE MEMBER BEING SUPPORTED (UNO.)

SCALE : 1/4" = 1'-0"

NOTE:
THE CONSTRUCTION DOCUMENTS REPRESENTED HEREIN ARE BASED ON NON-INVASIVE SITE OBSERVATION OF THE EXISTING STRUCTURAL CONDITIONS OF THE PROPOSED PROJECT. AS A RESULT, IN CERTAIN INSTANCES, DESIGN ASSUMPTIONS WERE USED TO FORMULATE THE COMPATIBILITY OF THE NEW CONSTRUCTION WITH THE EXISTING STRUCTURAL ELEMENTS. DURING THE COURSE OF CONSTRUCTION, IT IS POSSIBLE THAT CONDITIONS MAY BE ENCOUNTERED THAT DO NOT COINCIDE WITH THE DESIGN ASSUMPTIONS AND MAY REQUIRE FURTHER STRUCTURAL REVIEW TO DETERMINE ADEQUACY. THE BUILDER SHALL BE OBSERVANT OF THESE CONDITIONS AND IMMEDIATELY REPORT ANY DISCREPANCIES TO JOHN DELOMA PRIOR TO PROCEEDING FURTHER WITH THE WORK.

NOTE:
REFER TO ACCOMPANYING STRUCTURAL DRAWING SHEETS FOR SPECIFICATIONS APPLICABLE TO THIS DRAWING

NOTE:
CONTRACTOR SHALL VERIFY ALL INFORMATION CONTAINED IN THESE CONSTRUCTION DOCUMENTS TO VERIFY COMPATIBILITY WITH PROJECT INTENT AND/OR EXISTING CONDITIONS. ANY/ALL OBSERVED OMISSIONS MUST BE REPORTED TO JOHN DELOMA PRIOR TO COMMENCING WORK. MD DESIGNS SHALL NOT BE RESPONSIBLE FOR DISCREPANT PROJECT CONDITIONS RESULTING FROM UNAUTHORIZED WORK PERFORMED BY THE CONTRACTOR.

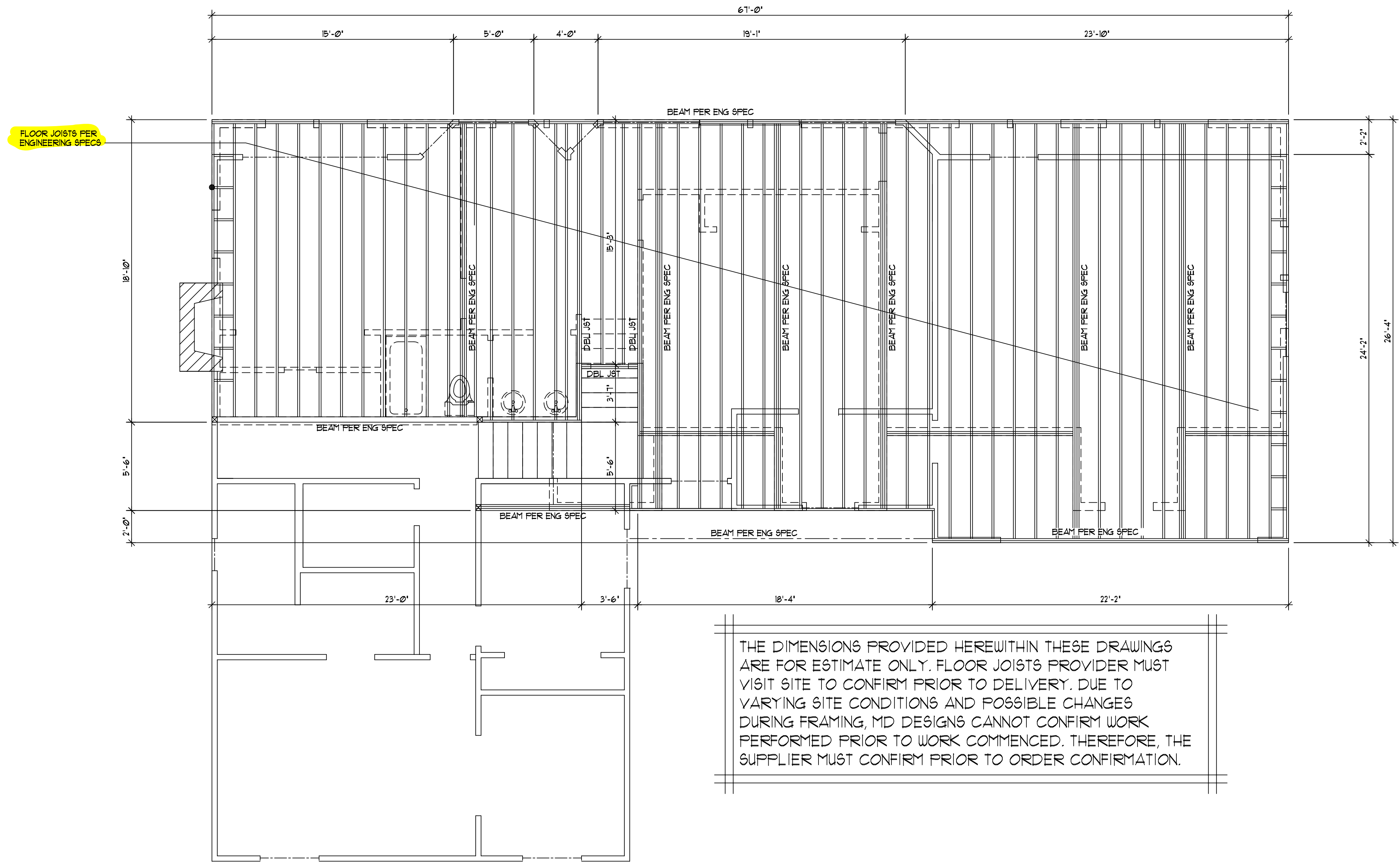
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FOUNDATION PLAN
MAIN FLOOR FRAMING

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A4	DATE: 01/20/21
11	DESIGNER: JPD
	PROJECT #: R2021



THE DIMENSIONS PROVIDED HEREWITHIN THESE DRAWINGS ARE FOR ESTIMATE ONLY. FLOOR JOISTS PROVIDER MUST VISIT SITE TO CONFIRM PRIOR TO DELIVERY. DUE TO VARYING SITE CONDITIONS AND POSSIBLE CHANGES DURING FRAMING, MD DESIGNS CANNOT CONFIRM WORK PERFORMED PRIOR TO WORK COMMENCED. THEREFORE, THE SUPPLIER MUST CONFIRM PRIOR TO ORDER CONFIRMATION.

B-21-0070
CITY OF PUYALLUP

UPPER FLOOR FRAMING PLAN

- © 2020 MD Designs
- PROVIDE I-JOIST LAYOUT AND SPECS ON SITE FOR INSPECTION
 - PROVIDE SOLID BLOCKING OVER SUPPORTS
 - PROVIDE FIREBLOCKING AS REQUIRED PER CODE
 - PROVIDE SUPPLEMENTAL JOISTS/BLOCKING BELOW SHEAR WALLS IF AS REQUIRED ON STRUCTURAL SHEET
 - ▣ PROVIDE SOLID FRAMING EQUAL TO THE WIDTH OF THE MEMBER BEING SUPPORTED (UNO.)

SCALE : 1/4" = 1'-0"

NOTE:
THE CONSTRUCTION DOCUMENTS REPRESENTED HEREIN ARE BASED ON NON-INVASIVE SITE OBSERVATION OF THE EXISTING STRUCTURAL CONDITIONS OF THE PROPOSED PROJECT. AS A RESULT, IN CERTAIN INSTANCES, DESIGN ASSUMPTIONS WERE USED TO FORMULATE THE COMPATIBILITY OF THE NEW CONSTRUCTION WITH THE EXISTING STRUCTURAL ELEMENTS. DURING THE COURSE OF CONSTRUCTION, IT IS POSSIBLE THAT CONDITIONS MAY BE ENCOUNTERED THAT DO NOT COINCIDE WITH THE DESIGN ASSUMPTIONS AND MAY REQUIRE FURTHER STRUCTURAL REVIEW TO DETERMINE ADEQUACY. THE BUILDER SHALL BE OBSERVANT OF THESE CONDITIONS AND IMMEDIATELY REPORT ANY DISCREPANCIES TO JOHN DELOMA PRIOR TO PROCEEDING FURTHER WITH THE WORK.

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UPPER FLOOR FRAMING

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A6	DATE: 01/20/21
11	DESIGNER: JPD
	PROJECT #: R20021

**BUILDING, PLUMB, MECHANICAL
2015 I-CODES**



**Reviewed for Compliance
Approved for Construction**

By Janelle Montgomery ✓

B-21-0070

Date of Review 9/24/2021

**THE APPROVED CONSTRUCTION PLANS,
DOCUMENTS AND ALL ENGINEERING MUST
BE POSTED ON THE JOB AT ALL
INSPECTIONS IN A VISIBLE AND READILY
ACCESSIBLE LOCATION.**

**FULL SIZED LEDGIBLE COLOR PLANS ARE
REQUIRED TO BE PROVIDED BY THE
PERMITEE ON SITE FOR INSPECTION**

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

BUILDING SHALL BE PROVIDED WITH APPROVED ADDRESS NUMBERS OR LETTERS. EACH CHARACTER SHALL BE NOT LESS THAN 6 INCHES IN HEIGHT AND NOT LESS THAN 0.5 INCH IN WIDTH. THEY SHALL BE INSTALLED ON A CONTRASTING BACKGROUND AND BE PLAINLY VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. WHEN REQUIRED BY THE FIRE CODE OFFICIAL, ADDRESS NUMBERS SHALL BE PROVIDED IN ADDITIONAL APPROVED LOCATIONS TO FACILITATE EMERGENCY RESPONSE.

ELECTRICAL PLAN NOT INCLUDED - SEPARATE PERMIT
PLUMBING PLAN NOT INCLUDED - SEPARATE PERMIT
MECHANICAL PLAN NOT INCLUDED - SEPARATE PERMIT

**PLUMBING AND MECHANICAL WORK TO
BE COMPLETED UNDER BUILDING
PERMIT B-21-0070.**

5c	EFFICIENT WATER HEATING 5c: WATER HEATING SYSTEM SHALL INCLUDE ONE OF THE FOLLOWING: GAS, PROPANE OR OIL WATER HEATER WITH A MINIMUM EF OF 0.91 OR SOLAR WATER HEATING SUPPLEMENTING A MINIMUM STANDARD WATER HEATER. SOLAR WATER HEATING WILL PROVIDE A RATED MINIMUM SAVINGS OF 85 THERMS OR 2000 KWH BASED ON THE SOLAR RATING AND CERTIFICATION CORPORATION (SRCC) ANNUAL PERFORMANCE OF 0g-300 CERTIFIED SOLAR WATER HEATING SYSTEMS OR ELECTRIC HEAT PUMP WATER HEATER WITH A MINIMUM EF OF 2.0 AND MEETING THE STANDARDS OF NEEA'S NORTHERN CLIMATE SPECIFICATIONS FOR HEAT PUMP WATER HEATERS TO QUALIFY TO CLAIM THIS CREDIT, THE BUILDING PERMIT DRAWINGS SHALL SPECIFY THE OPTION BEING SELECTED AND SHALL SPECIFY THE WATER HEATER EQUIPMENT TYPE AND THE MINIMUM EQUIPMENT EFFICIENCY AND, FOR SOLAR WATER HEATING SYSTEMS, THE CALCULATION OF THE MINIMUM ENERGY SAVINGS.	1.5
----	--	-----

CODE

THE BUILDING REPRESENTED HEREIN IS TO BE CONSTRUCTED IN COMPLIANCE WITH ALL CURRENT AND APPLICABLE BUILDING CODES AND REGULATIONS OF THE PRESIDING JURISDICTION, UTILIZING APPROVED AND ACCEPTED CONSTRUCTION STANDARDS, PRACTICES, MATERIALS AND METHODS. CONTRACTOR SHALL VERIFY ALL NOTES, DIMENSIONS & CONDITIONS PRIOR TO CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL OMISSIONS AND/OR DISCREPANCIES TO THE DESIGNER PRIOR TO PROCEEDING WITH WORK. DIMENSIONS TAKE PRECEDENT OVER SCALED DRAWINGS.

WINDOWS

ALL SKYLIGHTS AND SKY WALLS TO BE LAMINATED GLASS UNLESS NOTED OTHERWISE. BEDROOM EMERGENCY EGRESS WINDOWS MINIMUM NET CLEAR OPENING OF 5.7 SQ. FT. MIN. NET CLEAR OPENING WIDTH OF 20' AND MINIMUM NET CLEAR OPENING HEIGHT OF 24'. FINISHED SILL HEIGHT SHALL BE MAXIMUM 44" ABOVE FLOOR.

SAFETY GLAZING SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS OR AS OTHERWISE REQUIRED:

1. GLAZED INGRESS AND EGRESS DOORS
2. SLIDING GLASS DOORS, SWINGING GLASS DOORS
3. SHOWER AND BATH TUB ENCLOSURES
4. GLAZING W/ THE EXPOSED EDGE WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF A DOOR IN THE CLOSED POSITION & BOTTOM EDGE IS LESS THAN 60" ABOVE THE WALKING SURFACE
5. GLAZING GREATER THAN 9 SF. AND LESS THAN 18' ABOVE FINISHED FLOOR
6. GLAZING IN GUARDRAILS
7. GLAZING LESS THAN 18' ABOVE FINISHED FLOOR

INSULATION AND MOISTURE PROTECTION

MAINTAIN 1" CLEARANCE ABOVE INSULATION FOR FREE AIR FLOW. INSULATION Baffles TO EXTEND 6" ABOVE BATT INSULATION INSULATION Baffles TO EXTEND 12" ABOVE LOOSE FILL INSULATION INSULATE BEHIND TUBS/SHOWERS, PARTITIONS AND CORNERS USE 4 MIL POLY VAPOR RETARDER AT EXTERIOR WALLS R-10 RIGID INSULATION 4X HEADERS R-21 INSULATION IN 2 X 6 EXTERIOR WALLS R-30 INSULATION IN CRAWLSPACE FLOOR JOISTS R-38 ADVANCED INSULATION IN ATTIC (UNO.) R-49 INSULATION IN ATTIC (UNO.)

VAPOR BARRIERS / GROUND COVERS

AN APPROVED VAPOR BARRIER SHALL BE PROPERLY INSTALLED IN ROOF DECKS, IN ENCLOSED CEILING SPACES AND AT EXTERIOR WALLS. A GROUND COVER OF 6 MIL (0.006") BLACK POLYETHYLENE OR EQUIVALENT SHALL BE LAID OVER THE GROUND IN ALL CRAWL SPACES. THE GROUND COVER SHALL BE OVERLAPPED ONE FOOT AT EACH JOINT AND SHALL EXTEND TO THE FOUNDATION WALL.

VENTILATION

SOURCE-SPECIFIC VENTILATION IS REQUIRED IN THE FOLLOWING LOCATIONS AND AS OTHERWISE SPECIFIED:

- A. BATHROOMS: 50 cfm
- B. LAUNDRY ROOM: 100 cfm
- C. KITCHENS: 100 cfm
- D. WATER CLOSETS: 50 cfm
- E. WHOLE HOUSE FANS: 100 cfm (WITH AUTOMATIC TIMER)

FLOOR AREA SUMMARY		
MAIN FLOOR 1604 + 31:	1635	SF.
UPPER FLOOR:	1341	SF.
TOTAL CONDITIONED SPACE	2948	SF.
UNFINISHED/UNCONDITIONED SPACE	0	SF.
GARAGE:	528	SF.

2163 FINISHED BUILDING FOOT PRINT

ENERGY CODE REQUIREMENTS	
BASED ON 2015 WSEC	
AREA OF ADDITION:	1341 SQ. FT.
WINDOW GLAZING AREA:	240 SQ. FT.
GLAZED DOOR AREA (.50% GLAZING):	0 SQ. FT.
SKYLITE AREA:	0 SQ. FT.
TOTAL GLAZING AREA:	240 SQ. FT.
GLAZING RATIO:	17.9 %
FRAME FLOOR INSULATION:	R-30
EXTERIOR WALL INSULATION:	R-21
FLAT CEILING INSULATION (ATTIC):	R-49
4 X HEADERS ON EXTERIOR WALLS	R-10
PERIMETER SLAB INSULATION (HEATED AREA)	R-10

WINDOW SCHEDULE							
PROVIDE SCREENS AT ALL OPERABLE UNITS							
LOCATION	TYPE	SIZE	MFR	U-VALUE	QTY	TOTAL SF.	NOTES
ABOVE STAIRS	PICTURE	3050	.	.28	1	15	.
BEDROOM 3	SINGLE HUNG	3050	.	.28	3	45	EGRESS
LOFT	SINGLE HUNG	3050	.	.28	4	60	.
BONUS ROOM	SINGLE HUNG	3050	.	.28	7	105	.
BEDROOM 4	SINGLE HUNG	3050	.	.28	1	15	EGRESS
.

PROJECT DATA

BUILDING CODE:	2015 I.R.C.
	CITY OF PUYALLUP MUNICIPAL CODE
ZONE:	R-10
OCCUPANCY GROUP:	R
CONSTRUCTION TYPE:	V-B
SITE AREA:	31500 SQ. FT.
BUILDING FOOTPRINT AREA	2163 SQ. FT.
EXISTING BUILDING HEATED AREA	1604 SQ. FT.
PROPOSED BUILDING HEATED AREA	2961 SQ. FT.
BUILDING SFRINKLERED	NO
MONITORED FIRE ALARM SYSTEM REQUIRED	NO

CLIENT DATA

PROJECT NAME: STROBL-WONG ADDITION & REMODEL

PARCEL NUMBER

*3055000470

PROJECT LOCATION

1922 5TH AVE SW
PUYALLUP, WA 98371-5636

LEGAL DESCRIPTION

SECTION 29 TOWNSHIP 20 RANGE 04
QUARTER 43 CLARKS CREEK:
CLARKS CREEK L 8 B 4 SUBJ TO
EASE

PROJECT DESCRIPTION

1341 SQ FT UPPER FLOOR
ADDITION WITH MINOR CHANGES
TO THE MAIN FLOOR TO
ACCOMMODATE THE NEW STAIRS

DESIGNER

MD DESIGNS
3220 NORTH 26TH ST
TACOMA, WA 98407

ENGINEER

N.L. OLSON ENGINEERING
2453 BETHEL AVE
PORT ORCHARD, WA 98366

SHEET NUMBERS

- REV 10-6 A1 GENERAL INFORMATION
- REV 10-6 A11 SITE PLAN
- REV 10-6 A2 EXISTING FLOOR PLAN
- A3 EXISTING ELEVATIONS
- A4 PROPOSED FOUNDATION PLAN
- REV 10-6 A5 PROPOSED MAIN FLOOR PLAN
- A6 PROPOSED UPPER FLOOR FRAMING
- A7 PROPOSED UPPER FLOOR PLAN
- A8 PROPOSED ROOF FRAMING
- A9 SECTION DETAILS
- A10 ELEVATIONS
- A11 ELEVATIONS
- S1 STRUCTURAL ENGINEERING
- S2 STRUCTURAL ENGINEERING
- S3 STRUCTURAL ENGINEERING
- S4 STRUCTURAL ENGINEERING
- S5 STRUCTURAL ENGINEERING

REVISED
10-06-21

STROBL-WONG ADDITION & REMODEL

PARCEL #3055000470
1922 5TH AVE SW
PUYALLUP, WA 98371-5636

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PROJECT INFORMATION

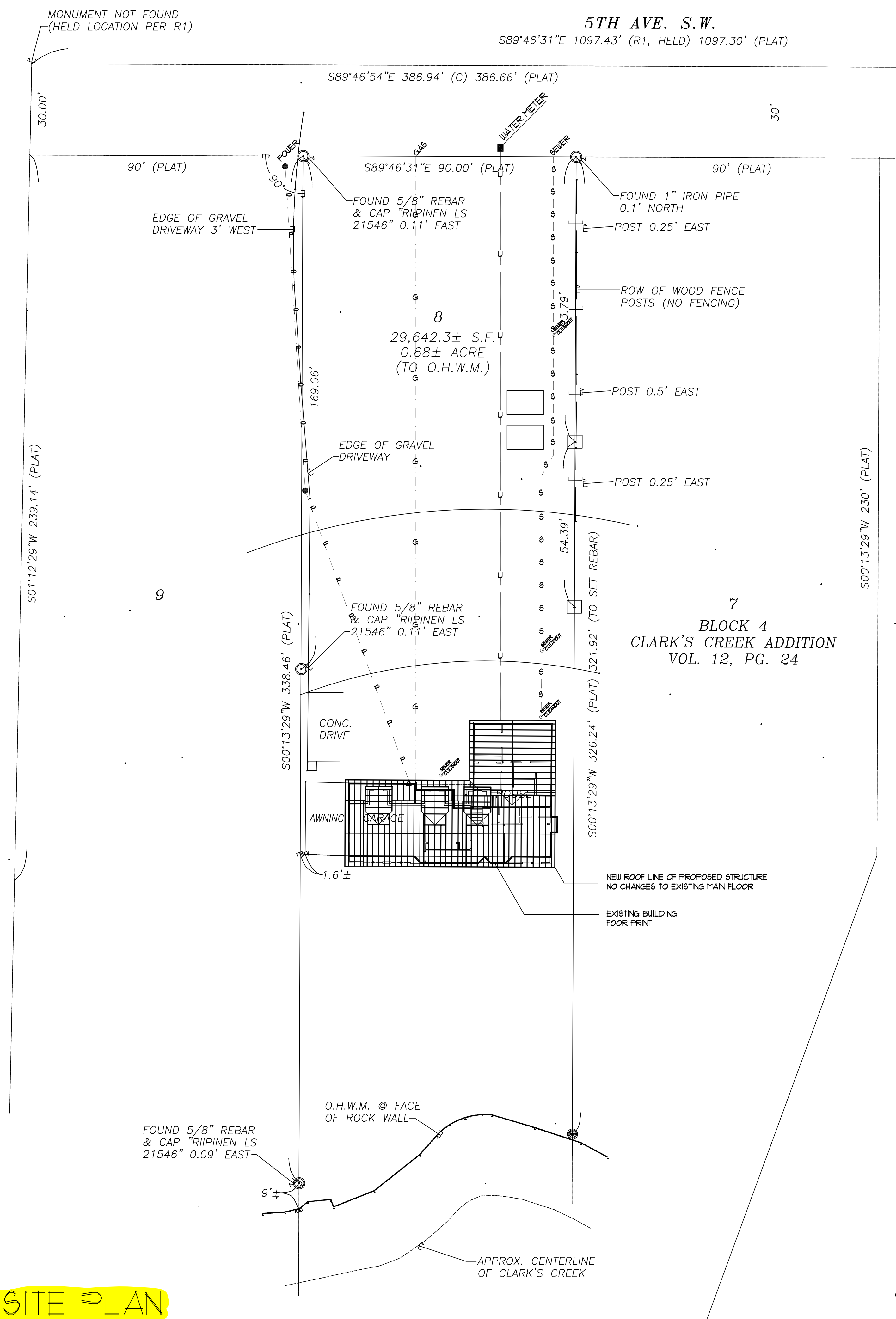
WINDOW SCHEDULE
WSEC INFORMATION

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A1	DATE: 01/20/21 DESIGNER JPD
11	PROJECT #: R2021

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



SITE PLAN

PROJECT DATA

BUILDING CODE: 2015 I.R.C.
CITY OF PUYALLUP MUNICIPAL CODE

ZONE: R-10

OCCUPANCY GROUP: R

CONSTRUCTION TYPE: V-B

SITE AREA: 31,500 SQ. FT.

BUILDING FOOTPRINT AREA: 2163 SQ. FT.

EXISTING BUILDING HEATED AREA: 1604 SQ. FT.

PROPOSED BUILDING HEATED AREA: 2361 SQ. FT.

BUILDING SPRINKLERED: NO

MONITORED FIRE ALARM SYSTEM REQUIRED: NO

CLIENT DATA

PROJECT NAME: STROBL-WONG ADDITION & REMODEL

PARCEL NUMBER

#3055000470

PROJECT LOCATION

1922 5TH AVE SW
PUYALLUP, WA 98371-5636

LEGAL DESCRIPTION

SECTION 29 TOWNSHIP 20 RANGE 04
QUARTER 43 CLARK'S CREEK
CLARK'S CREEK L & B 4 SUBJ TO EASE

PROJECT DESCRIPTION

1341 SQ FT UPPER FLOOR
ADDITION WITH MINOR CHANGES
TO THE MAIN FLOOR TO
ACCOMMODATE THE NEW STAIRS

CITY OF PUYALLUP
Planning Division Approved Site Plan
(253) 864-4165

MINIMUM SETBACK REQUIREMENTS

Front Yard: 25' Rear Yard: 25'
Interior Side Yard: Left: _____ Right: _____

Street Side Yard:
Zoning District: RS-10
Permit #: B-21-0070

Additional Conditions/Comments
Project shall comply with all conditions from P-21-0041, Hearing Examiner decision dated 07/21/21.

Staff: Chris BEALE
Date: 10/15/2021

Front, rear, and side yard property lines shall be marked with string from surveying pins prior to footing inspection.

*** INTERIOR SIDE YARD SETBACK:**
The minimum side yard setback shall be five feet provided that the combined total of both side yard setbacks equal at least sixteen (16) feet.

REVISED
10-06-21

STROBL-WONG ADDITION & REMODEL

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SITE PLAN

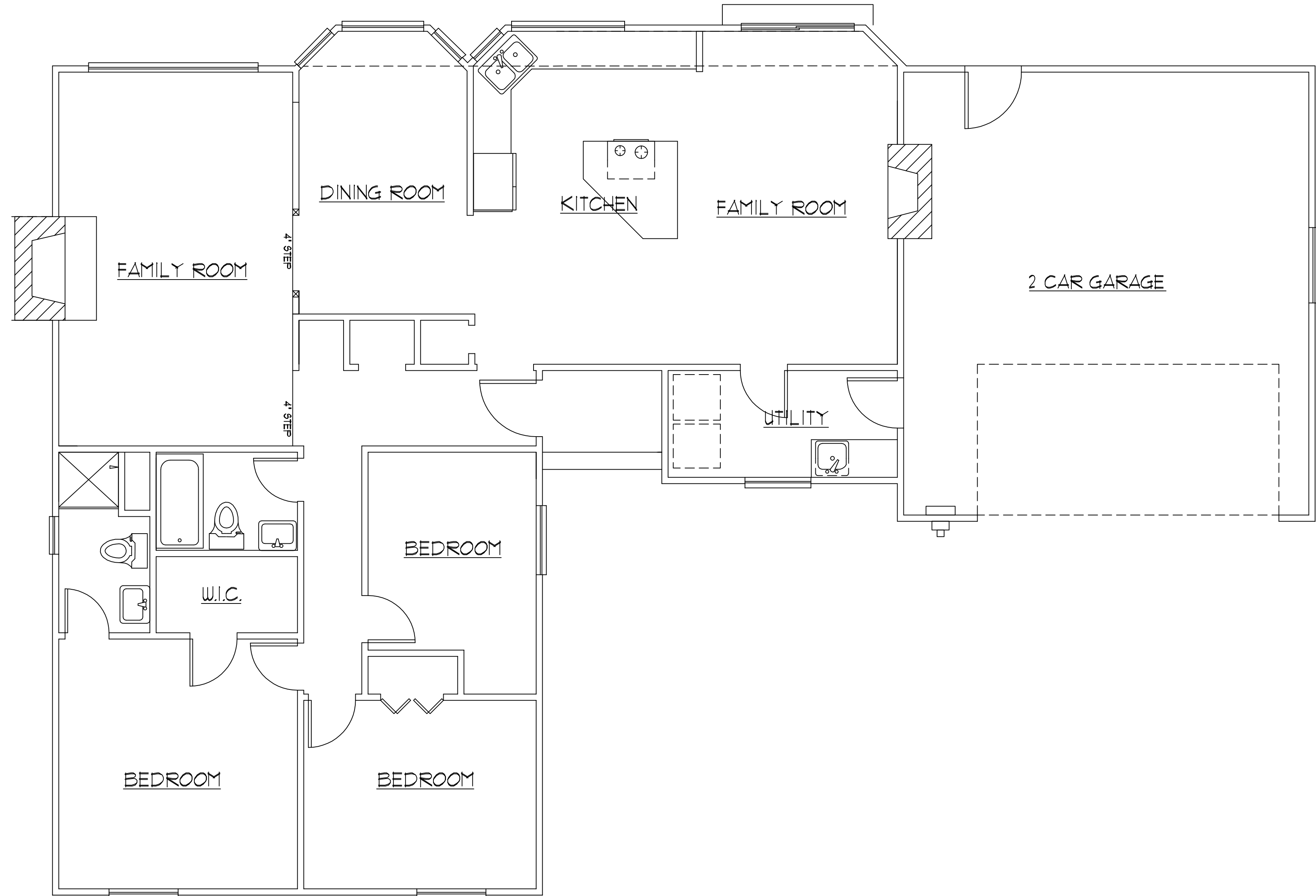
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A1.1	DATE: 01/20/21
11	DESIGNER: JFD
	PROJECT #: R19.021

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

B-21-0070
CITY OF PUYALLUP



EXISTING FLOOR PLAN

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SCALE : 1/4" = 1'-0"

EXISTING BUILDING FOOT PRINT W/ FIRE PLACE	
MAIN FLOOR:	1604 SF.
UPPER FLOOR:	0 SF.
TOTAL CONDITIONED SPACE	1604 SF.
UNFINISHED/UNCONDITIONED SPACE	0 SF.
ATTACHED GARAGE:	528 SF.

2132 TOTAL

ORIGINAL HEATED AREAS W/ OUT FIRE PLACE

EXISTING FLOOR AREA SUMMARY	
MAIN FLOOR:	1592 SF.
UPPER FLOOR:	0 SF.
TOTAL CONDITIONED SPACE	1592 SF.
UNFINISHED/UNCONDITIONED SPACE	0 SF.
ATTACHED GARAGE:	528 SF.

REVISED
10-06-21

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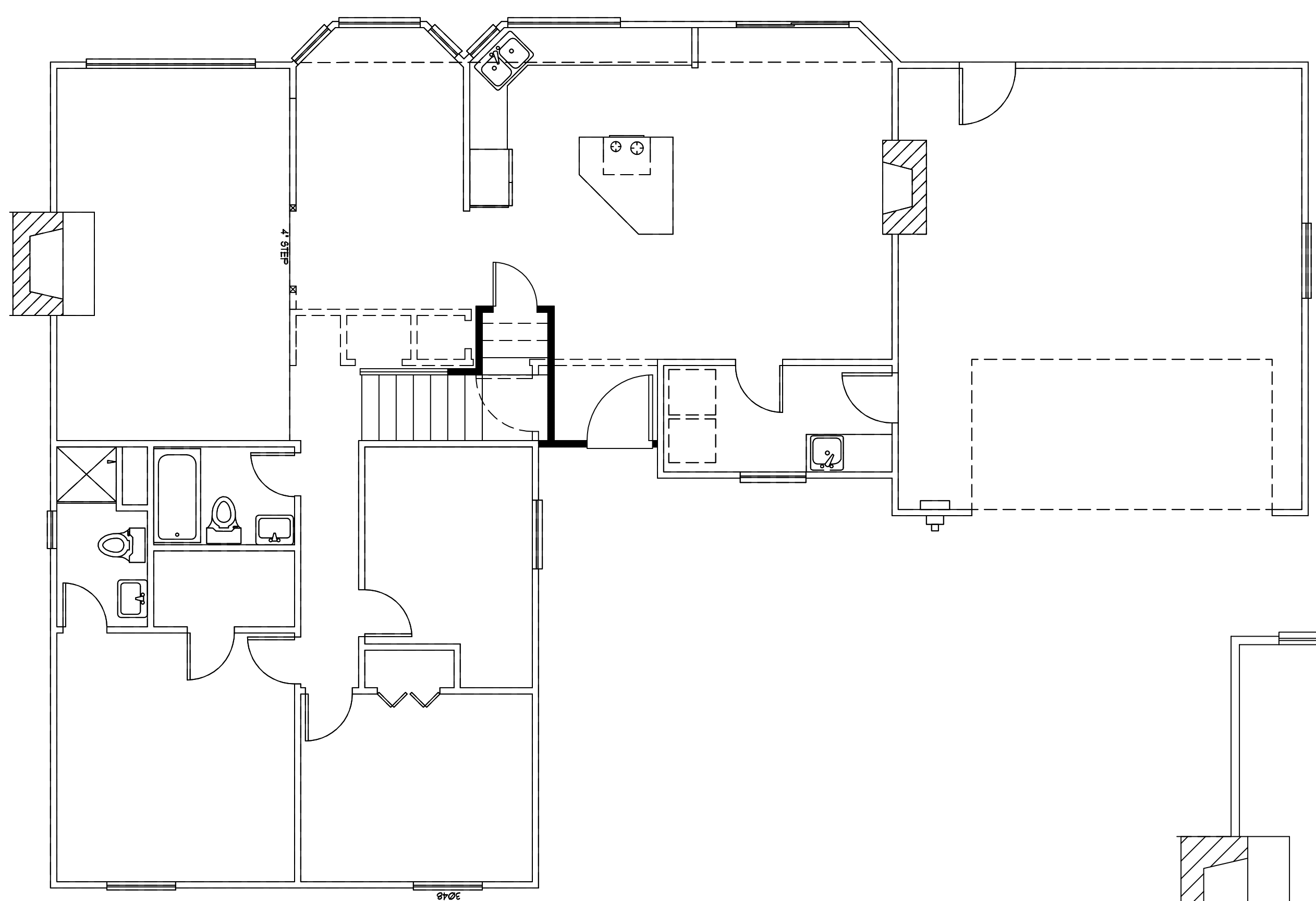
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EXISTING FLOOR

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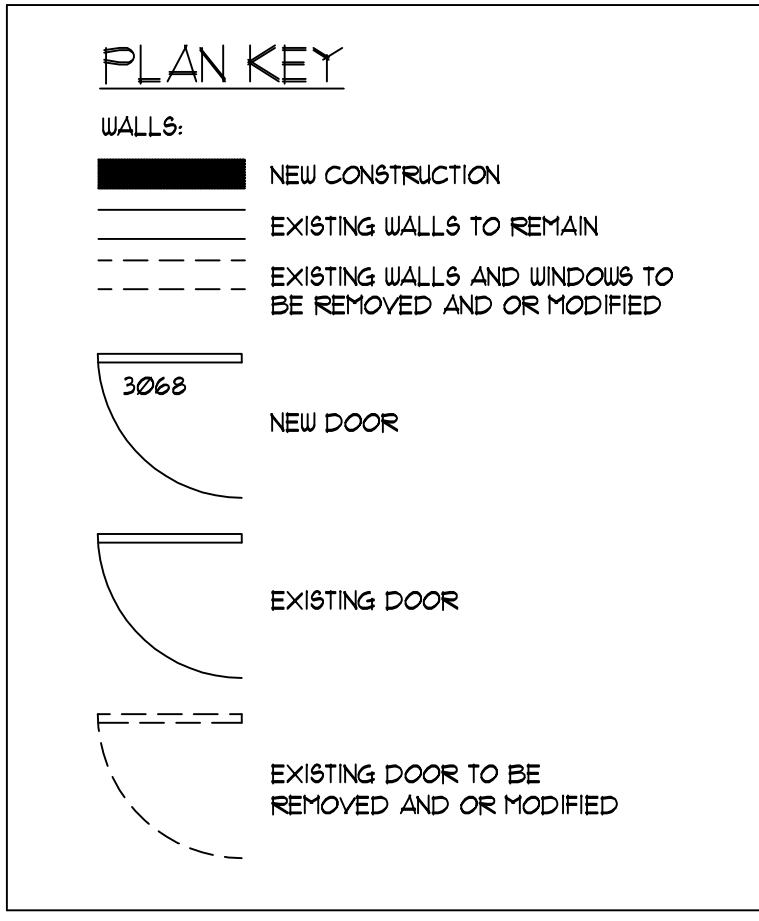
A2	DATE: 01/20/21
	DESIGNER: JFD
11	PROJECT #: R2021

REVISED
10-06-21



5c EFFICIENT WATER HEATING 5c:
WATER HEATING SYSTEM SHALL INCLUDE ONE OF THE FOLLOWING:
GAS, PROPANE OR OIL WATER HEATER WITH A MINIMUM EF OF 0.91 1.5

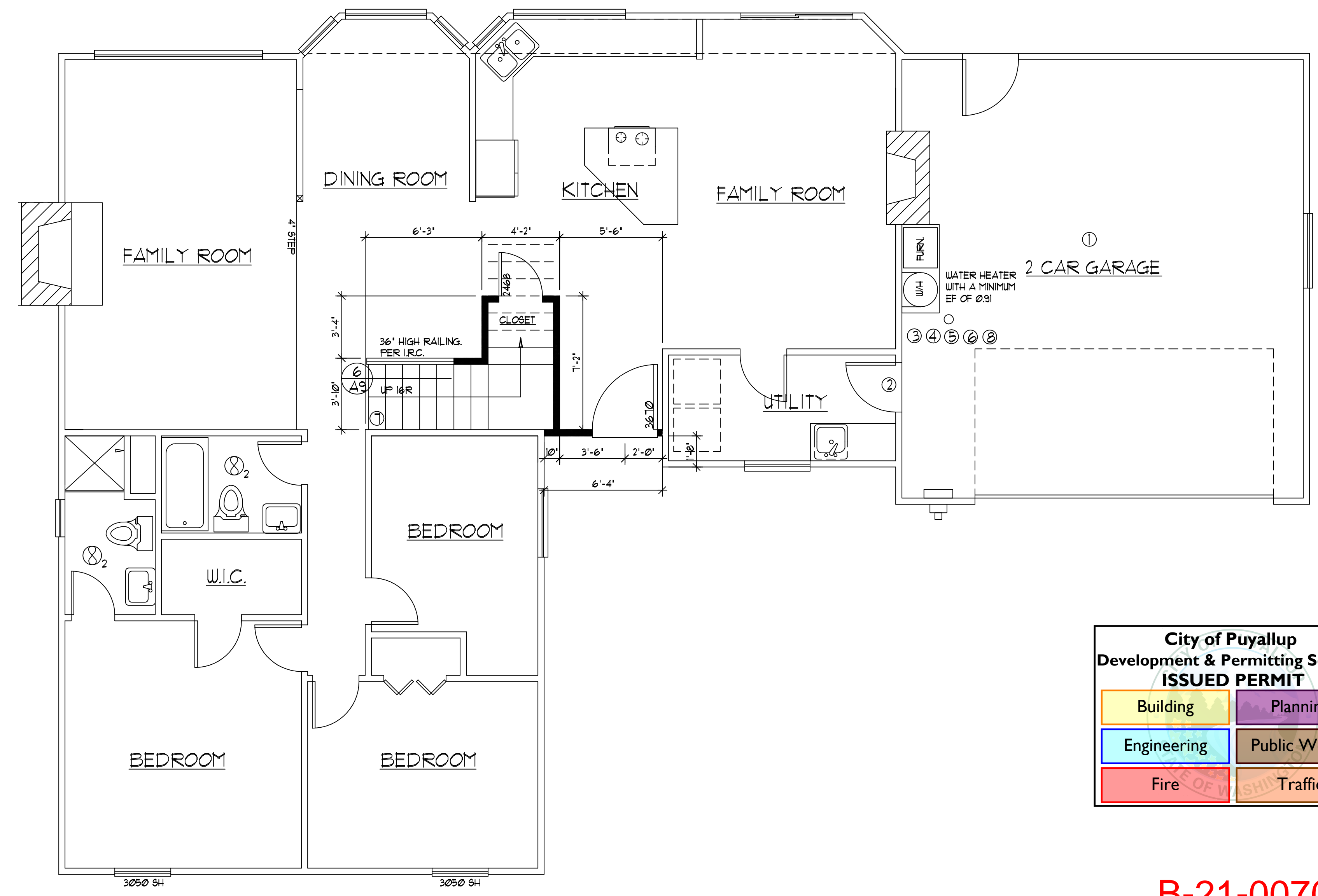
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MAIN FLOOR PLAN OVERLAY

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SCALE : 3/16" = 1'-0"



GENERAL NOTES

- ① 5/8" TYPE 'X' G.W.B. ON ALL BEARING WALLS AND COLUMNS AND ON ALL WARM WALLS AND CEILINGS WHERE 1-HR OCCUPANCY SEPARATION IS REQUIRED (TWO LAYERS REQUIRED AT JOIST CEILINGS) 1/2" G.W.B. IS OTHERWISE ACCEPTABLE AT LOCATIONS NOT REQUIRED TO BE RATED OR REQUIRING OCCUPANCY SEPARATION.
- ② 20 MIN. RATED SOLID CORE DOOR W/ SELF-CLOSER AS REQ'D
- ③ PROVIDE PRESSURE RELIEF VALVE TO EXTERIOR AND INSTALL APPROVED EXPANSION TANK.
- ④ PROVIDE PLATFORM 18" AFF W/ (2) LAYERS PLYWOOD OR METAL FRAME
- ⑤ STRAP W.H. TO WALL PER UPC 510.5
- ⑥ 4" BOLLARD
- ⑦ PROVIDE NATURAL OR ARTIFICIAL LIGHTING PER 2015 IRC R303.1 AND R303.6
- ⑧ FURNACE IN GARAGE TO BE BRACED PER IMC 910.3

FLOOR AREA SUMMARY

MAIN FLOOR 1604 + 31:	1635 SF.
UPPER FLOOR:	1341 SF.
TOTAL CONDITIONED SPACE	2948 SF.
UNFINISHED/UNCONDITIONED SPACE	0 SF.
GARAGE:	528 SF.

VENTILATION REQUIREMENTS

PROVIDE NATURAL OR ARTIFICIAL VENTILATION PER 2015 WSEC, WAC 51-11, 2015 IRC R303.1

⊗ ₁	100 CFM EXHAUST FAN
⊗ ₂	50 CFM EXHAUST FAN
⊗ ₃	WHOLE HOUSE FAN W/ AUTOMATIC TIMER

MAIN FLOOR PLAN

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- EXTERIOR WALLS TO BE 2X6 STUDS AT 16" (MAX.) O.C. U.N.O.
- INTERIOR PARTITIONS TO BE 2 X 4 STUDS AT 16" O.C. (2 X 6 STUDS @ PLUMBING WALLS, U.N.O.)
- MAIN FLOOR PLATE HEIGHT TO BE BUILT UP TO 9'-1"
- WINDOW HEADERS TO BE AT 6'-8" ABOVE SUB FLOOR. U.N.O.
- PROVIDE FIREBLOCKING AS REQUIRED PER CODE
- PROVIDE SOLID FRAMING EQUAL TO THE WIDTH OF THE MEMBER BEING SUPPORTED (U.N.O.)
- INSTALL SMOKE DETECTORS PER CODE R314.3
- INSTALL CARBON MONOXIDE ALARM PER R315.3

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

B-21-0070
CITY OF PUYALLUP

SCALE : 1/4" = 1'-0"

NOTE:
REFER TO ACCOMPANYING STRUCTURAL DRAWING SHEETS FOR SPECIFICATIONS APPLICABLE TO THIS DRAWING

NOTE:
CONTRACTOR SHALL VERIFY ALL INFORMATION CONTAINED IN THESE CONSTRUCTION DOCUMENTS TO VERIFY COMPATIBILITY WITH PROJECT INTENT AND/OR EXISTING CONDITIONS. ANY/ALL OBSERVED OMISSIONS MUST BE REPORTED TO JOHN DELOMA PRIOR TO COMMENCING WORK. MD DESIGNS SHALL NOT BE RESPONSIBLE FOR DISCREPANT PROJECT CONDITIONS RESULTING FROM UNAUTHORIZED WORK PERFORMED BY THE CONTRACTOR.

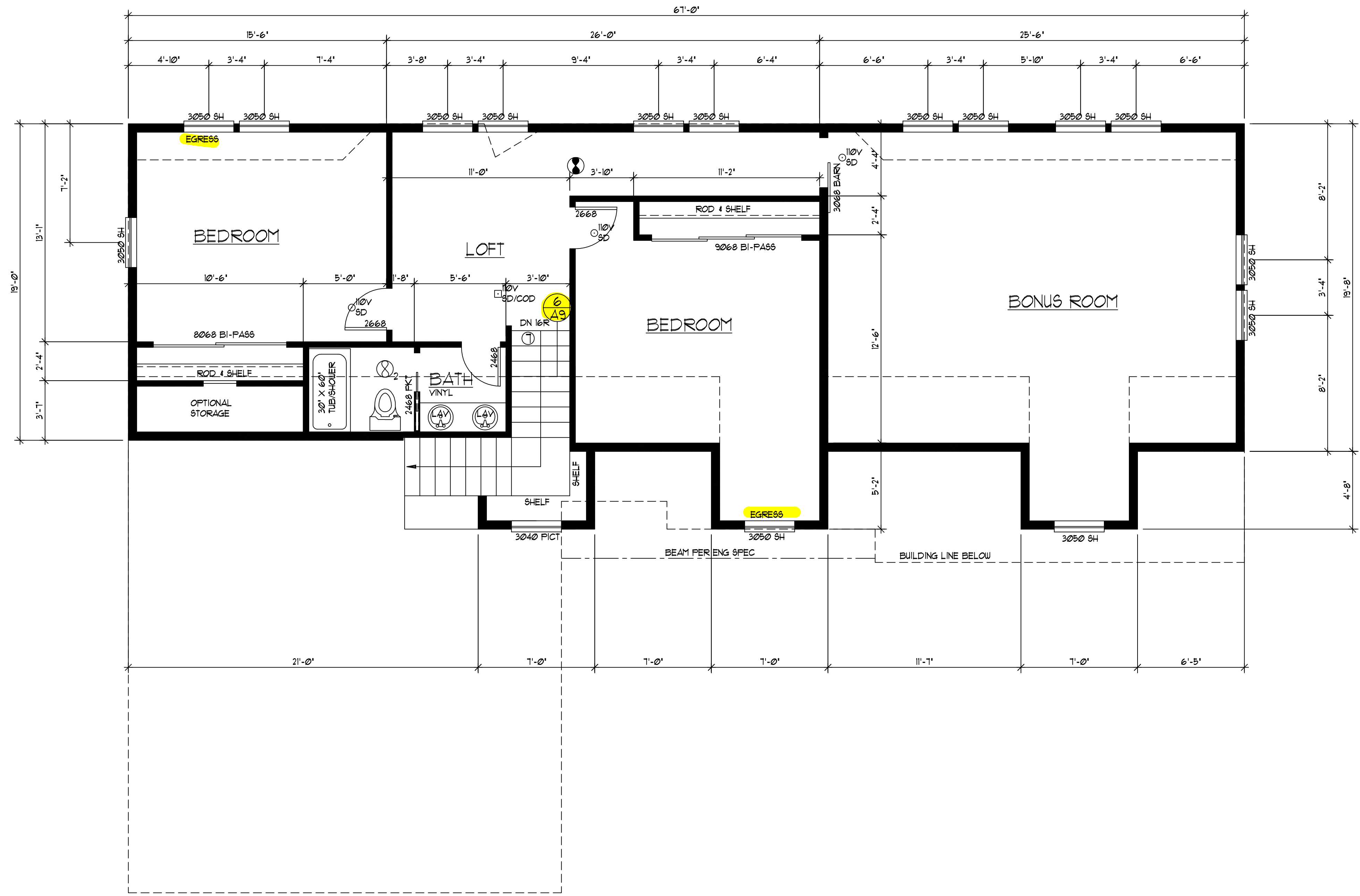
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ph: 253.756.1652 fx: 253.756.2025

MAIN FLOOR PLAN

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A5	DATE: 01/20/21
11	DESIGNER: JPD
	PROJECT #: R2021

PARCEL #3055000470
1922 5TH AVE SW
PUYALLUP, WA 98371-5636



UPPER FLOOR PLAN

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- PROVIDE I-JOIST LAYOUT AND SPECS ON SITE FOR INSPECTION
- EXTERIOR WALLS TO BE 2X6 STUDS AT 24" (MAX.) O.C. U.N.O.
- INTERIOR PARTITIONS TO BE 2 X 4 STUDS AT 16" O.C. (2 X 6 STUDS @ FLUMING WALLS, U.N.O.)
- UPPER FLOOR PLATE HEIGHT 8'-1"
- WINDOW HEADERS TO BE AT 6'-8" ABOVE SUB FLOOR, U.N.O.
- PROVIDE FIREBLOCKING AS REQUIRED PER CODE
- ⊗ PROVIDE SOLID FRAMING EQUAL TO THE WIDTH OF THE MEMBER BEING SUPPORTED (U.N.O.)
- INSTALL SMOKE DETECTORS PER CODE R314
- INSTALL CARBON MONOXIDE ALARM PER R315.3

SCALE : 1/4" = 1'-0"

B-21-0070
CITY OF PUYALLUP

NOTE:
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VENTILATION REQUIREMENTS	
PROVIDE NATURAL OR ARTIFICIAL VENTILATION PER 2015 WSEC, WAC 51-11, 2015 IRC R303.1	
⊗ ₁	100 CFM EXHAUST FAN
⊗ ₂	50 CFM EXHAUST FAN
⊗	WHOLE HOUSE FAN

NOTE:
REFER TO ACCOMPANYING STRUCTURAL DRAWING SHEETS FOR SPECIFICATIONS APPLICABLE TO THIS DRAWING

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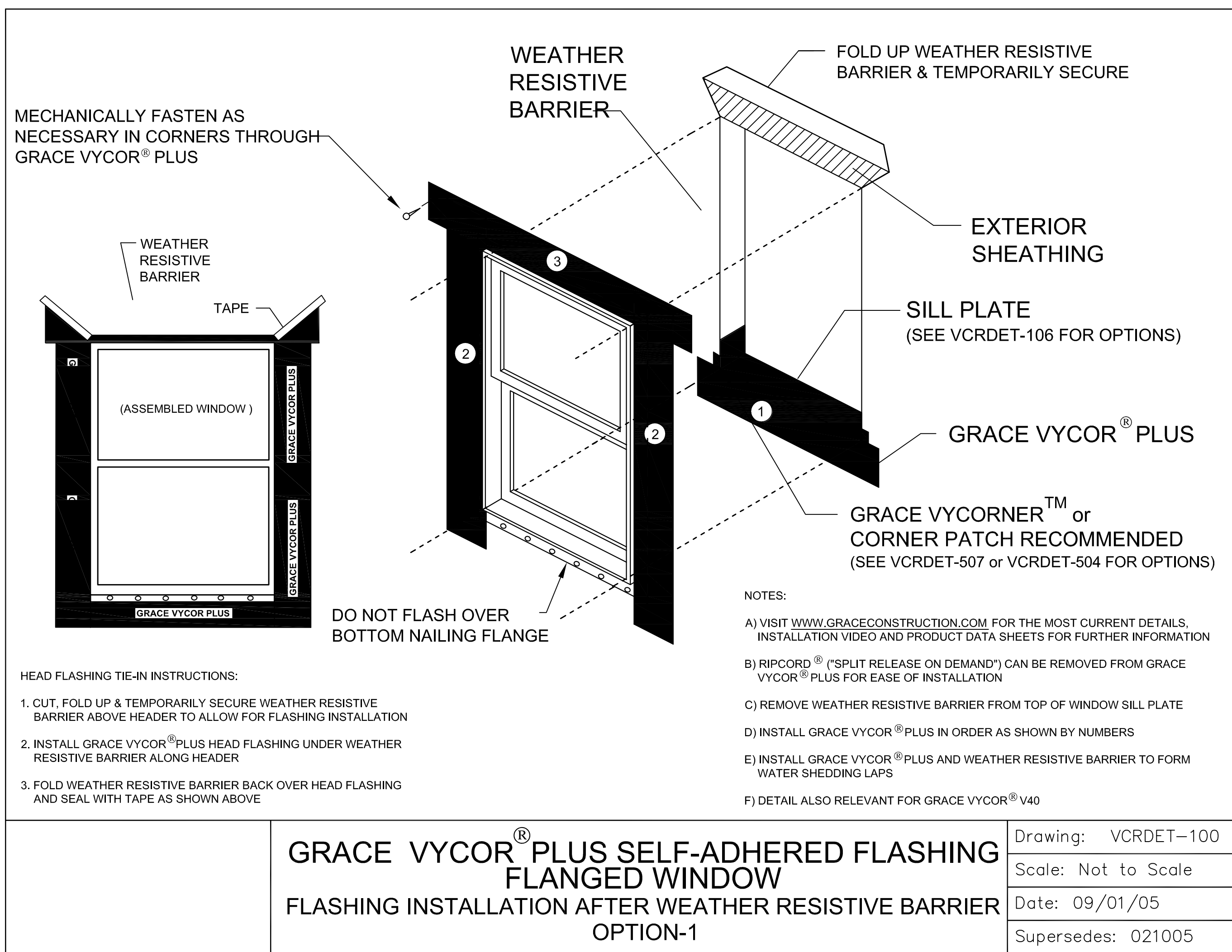
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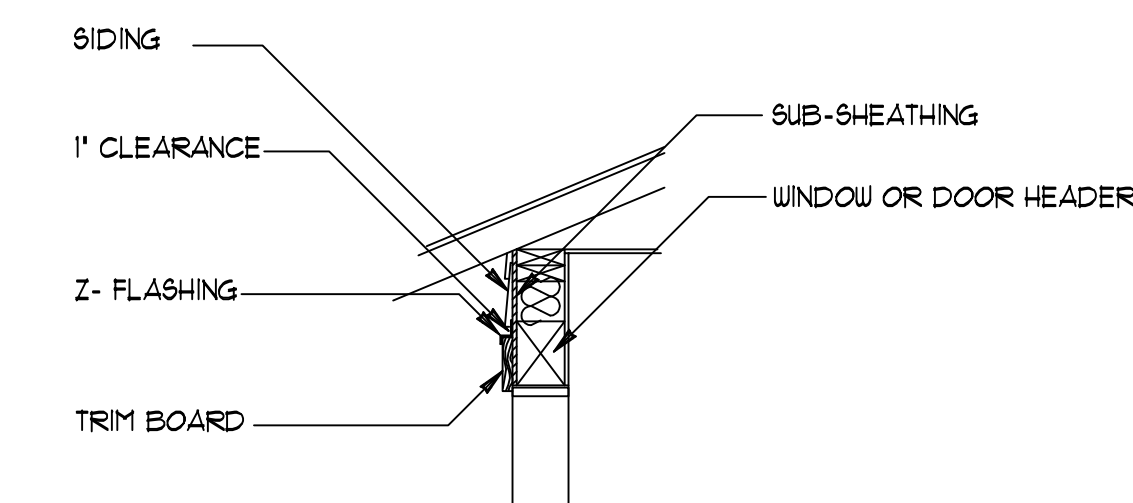
UPPER FLOOR PLAN

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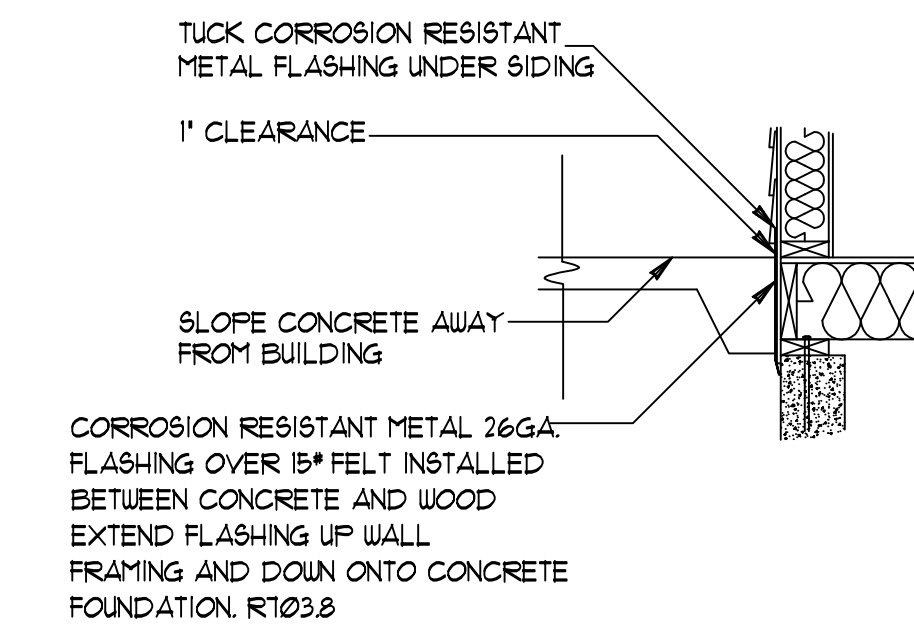
A7	DATE: 01/20/21
	DESIGNER: JPD
11	PROJECT #: R2021



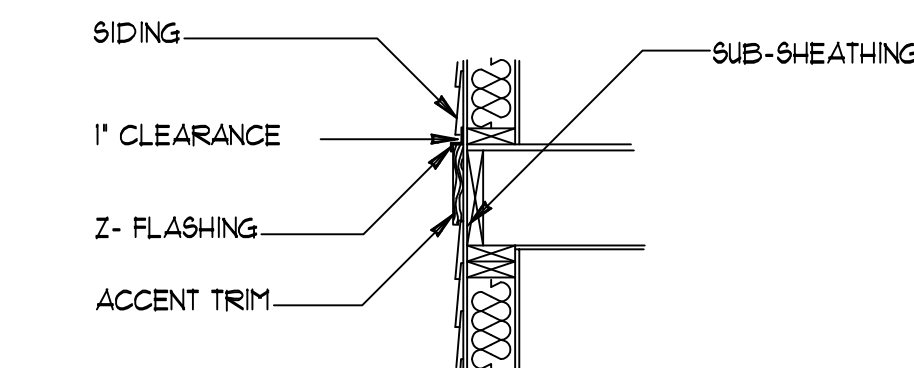
- RT03.8 FLASHING:**
- APPROVED CORROSION-RESISTIVE FLASHING SHALL BE PROVIDED IN THE EXTERIOR WALL ENVELOPE IN SUCH A MANNER AS TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURE FRAMING COMPONENTS. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH AND SHALL BE INSTALLED TO PREVENT WATER FROM RE-ENTERING THE EXTERIOR WALL ENVELOPE. APPROVED CORROSION-RESISTANT FLASHING SHALL BE INSTALLED AT ALL OF THE FOLLOWING LOCATIONS:
- AT TOP OF ALL EXTERIOR WINDOW AND DOOR OPENINGS IN SUCH A MANNER AS TO LEAK PROOF, EXCEPT THAT SELF-FLASHING WINDOWS HAVING A CONTINUOUS LAP OF NOT LESS THAN 1-1/8" (28mm) OVER THE SHEATHING MATERIAL AROUND THE PERIMETER OF THE OPENING, INCLUDING CORNERS, DO NOT REQUIRE ADDITIONAL FLASHING. JAMB FLASHING MAY ALSO BE OMITTED WHEN SPECIFICALLY APPROVED BY THE BUILDING OFFICIAL.
 - AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS, WITH PROJECTING LIPS ON BOTH SIDES UNDER STUCCO COPINGS.
 - UNDER AND AT ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS.
 - CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
 - WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAME CONSTRUCTION.
 - AT WALL AND ROOF INTERSECTIONS.
 - AT BUILT-IN GUTTERS.



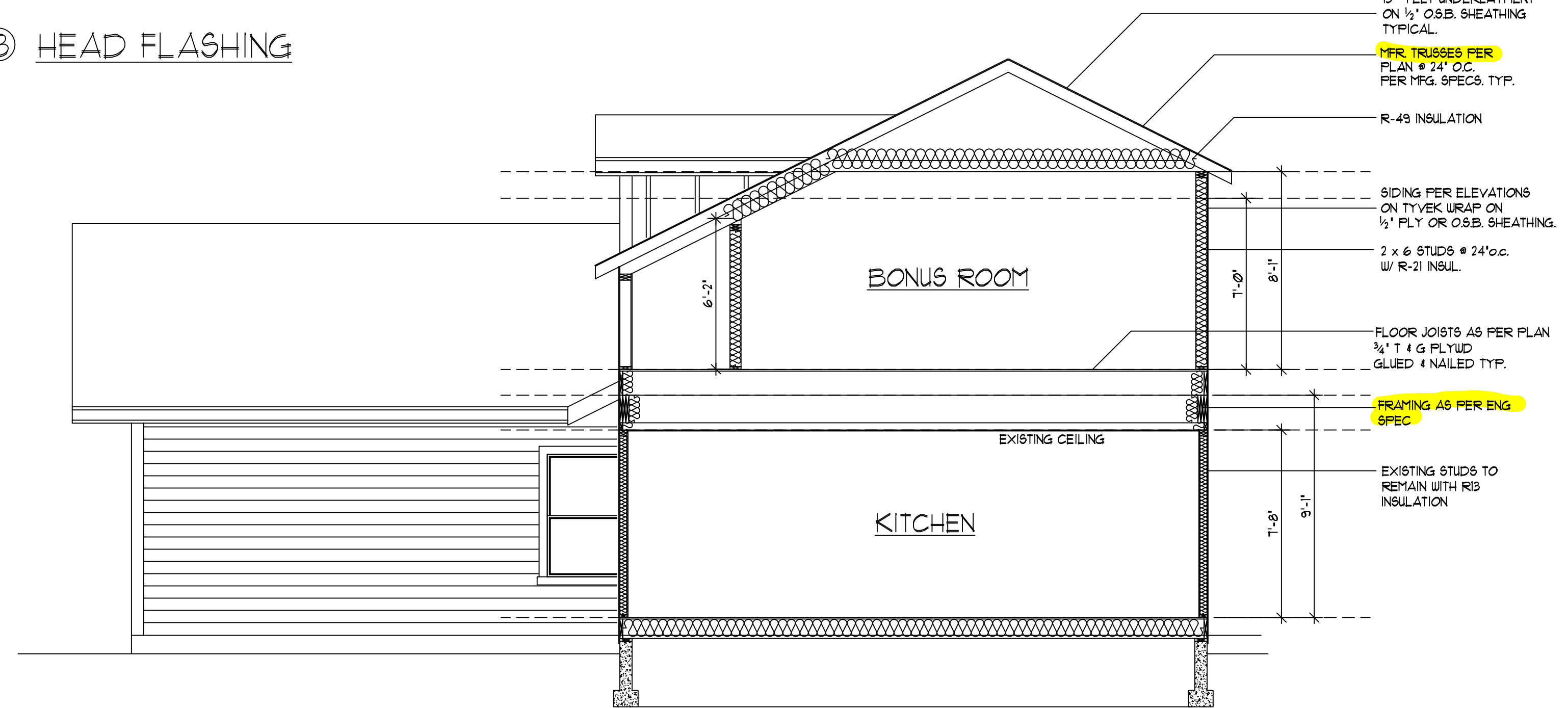
③ HEAD FLASHING



② WOOD/CONCRETE FLASHING DETAIL



④ BAND BOARD FLASHING



① BUILDING SECTION

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SCALE: 1/4" = 1'-0"

TYPICAL ROOF CONSTRUCTION

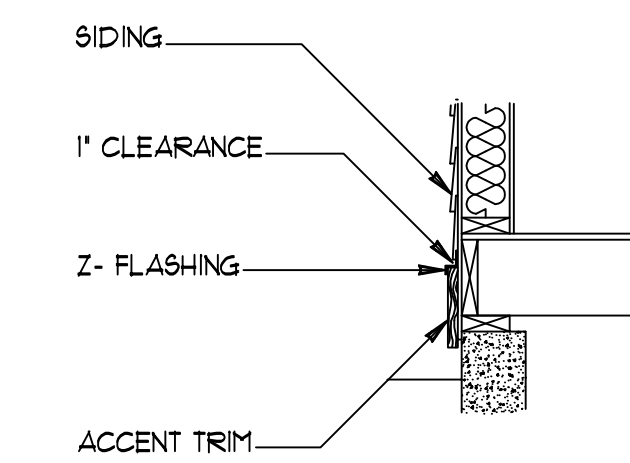
- COMPOSITION ROOF SHINGLES, (U.N.O.)
- 15# ROOFING FELT
- 1/2" CDX PLYWOOD OR OSB SHEATHING
- STRUCTURAL SYSTEM AS NOTED ON FRAMING PLAN
- R-49 INSULATION ABOVE HEATED AREAS
- 5/8" GWB. CEILING

TYPICAL NEW EXTERIOR WALL CONSTRUCTION

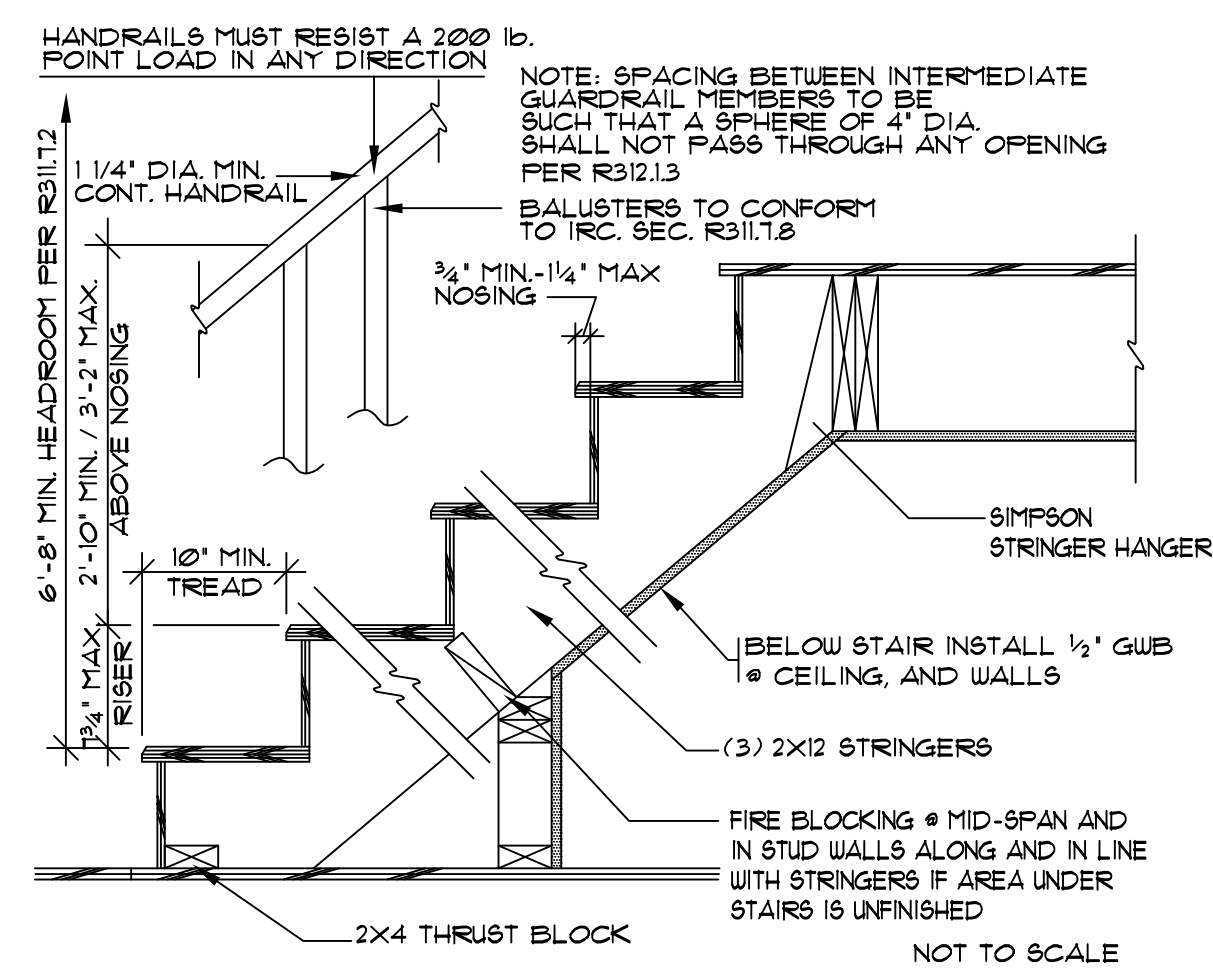
- SIDING AND/OR VENEER PER ELEVATION
- 1/2" CDX PLY OR OSB SHTG. (U.N.O.)
- TYVEK BUILDING WRAP OR EQ.
- 2 X 6 STUDS @ 24" O.C. EXTERIOR WALLS, (U.N.O.)
- 2 X 4 STUDS @ 16" O.C. INTERIOR PARTITIONS (2 X 6 @ PLUMBING WALLS) U.N.O.
- R-21 INSULATION WITH VAPOR BARRIER
- 1/2" GWB. INTERIOR SHEATHING

TYPICAL NEW FLOOR CONSTRUCTION

- FINISHED FLOOR PER PLANS
- 3/4" T&G PLYWOOD SUBFLOOR (GLUE AND NAIL)
- FLOOR JOISTS PER PLAN
- R-30 INSULATION OVER UNHEATED AREAS



⑤ BAND BOARD FLASHING



⑥ INTERIOR STAIR

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Engineering	Public Works
Fire	Traffic

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CITY OF PUYALLUP

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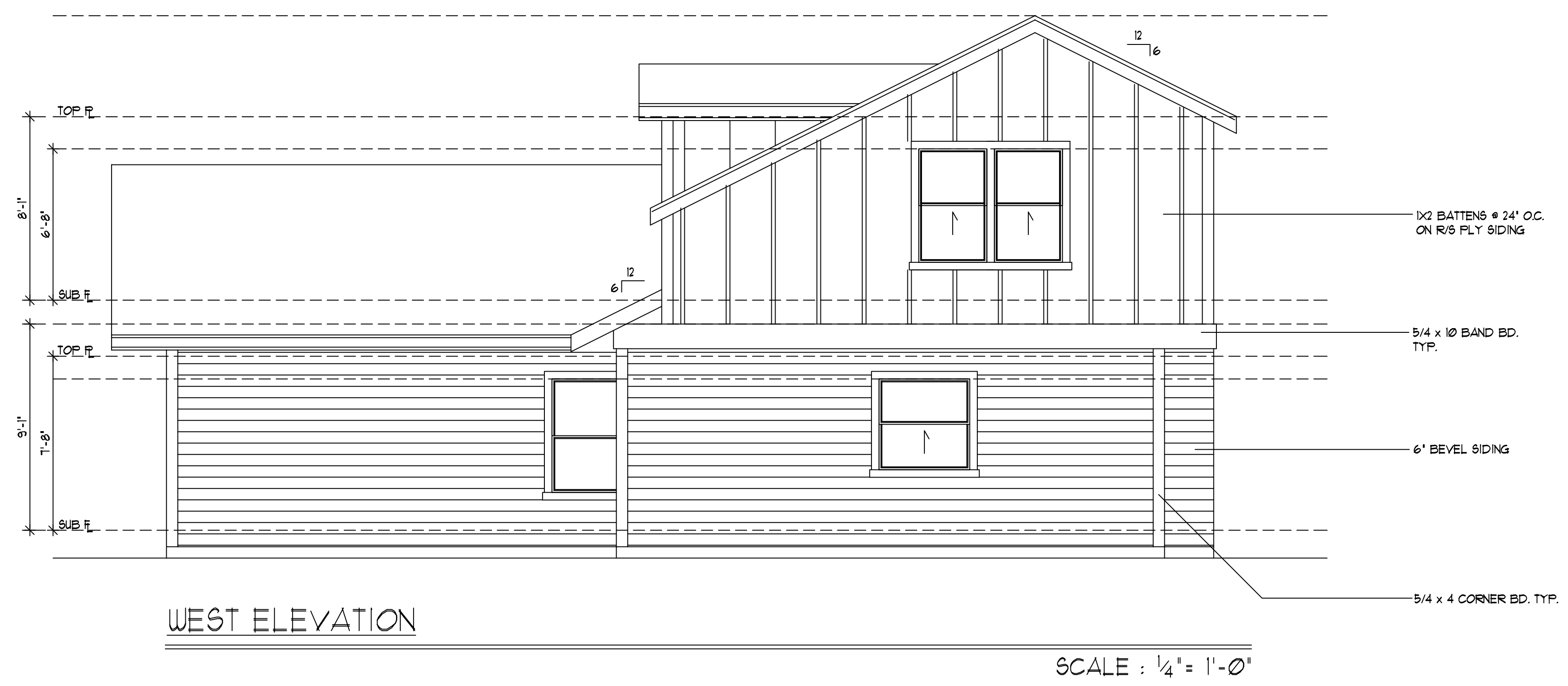
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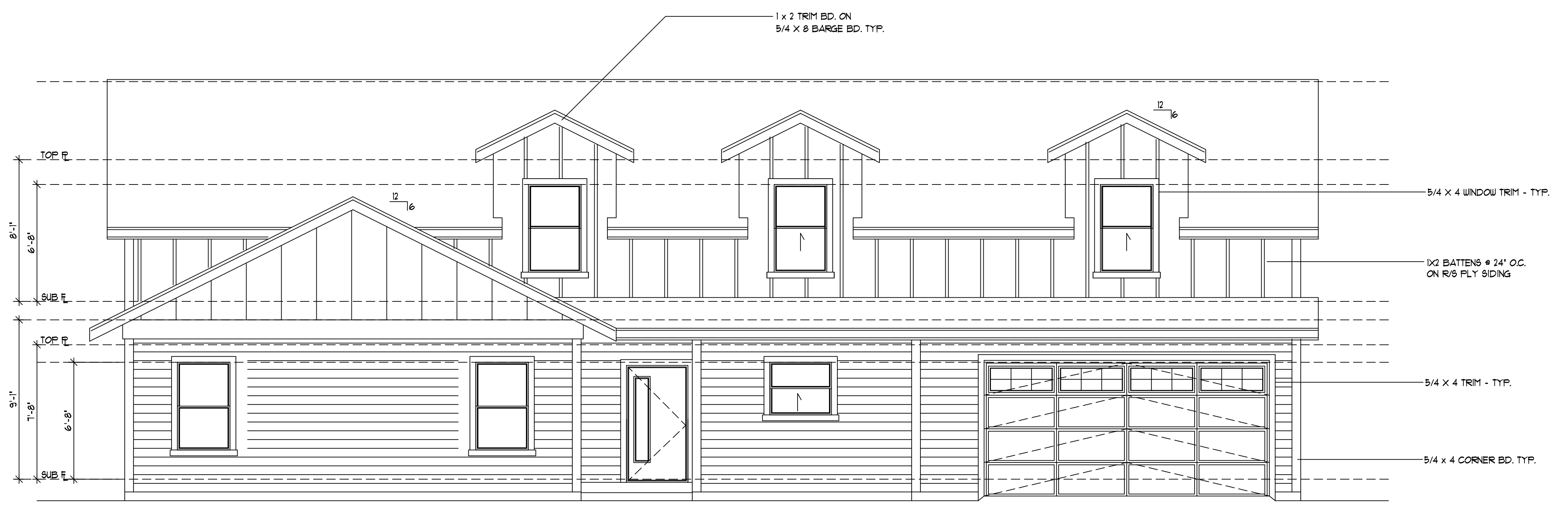
A9	DATE: 01/20/21
11	DESIGNER: JPD
	PROJECT #: R19.021

PARCEL #3055000470
1922 5TH AVE SW
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WEST ELEVATION

SCALE : 1/4" = 1'-0"



NORTH ELEVATION

SCALE : 1/4" = 1'-0"

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- VERIFY SHEAR WALL NAILING AND HOLDDOVS ARE PER PLAN AND SCHEDULE PRIOR TO INSTALLING SIDING
- PROVIDE GALVANIZED SHEET METAL FLASHING AND COUNTERFLASHING AT ALL ROOF / WALL INTERSECTIONS, CHIMNEYS, AND SKYLIGHTS
- PROVIDE WEATHERSTRIPPING AND FLASHING AT ALL DOORS AND WINDOWS AS REQUIRED
- CAULK ALL EXTERIOR JOINTS AND PENETRATIONS

B-21-0070
CITY OF PUYALLUP

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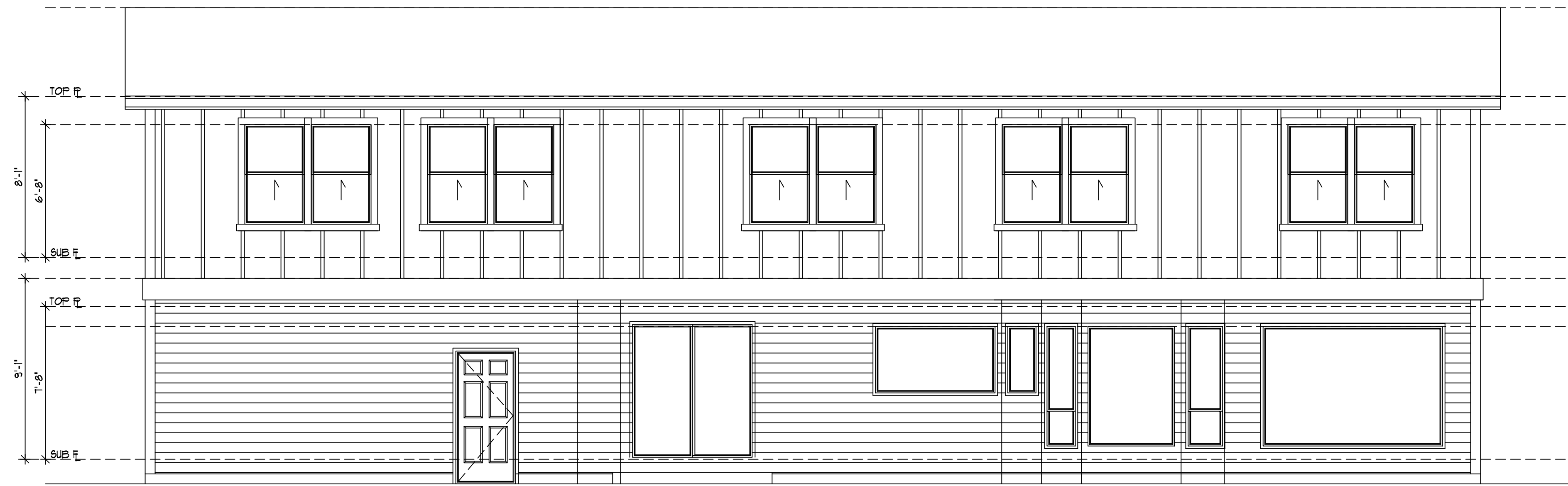
ELEVATIONS

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A10	DATE: 01/20/21
	DESIGNER: JPD
11	PROJECT #: R2021

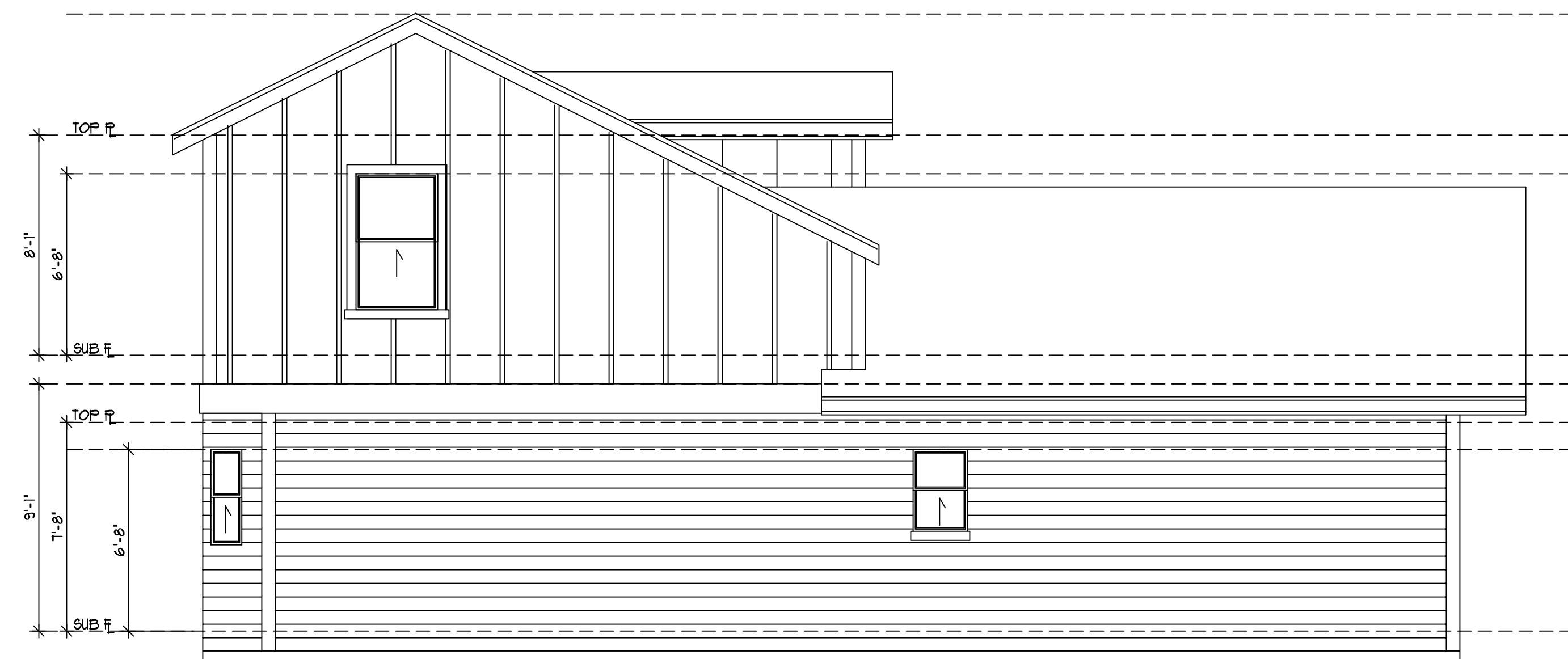
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Building	Planning
Engineering	Public Works
Fire	Traffic



SOUTH ELEVATION

SCALE : 1/4" = 1'-0"



EAST ELEVATION

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SCALE : 1/4" = 1'-0"

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ELEVATIONS

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A11

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01/20/21
DESIGNER:
JPD

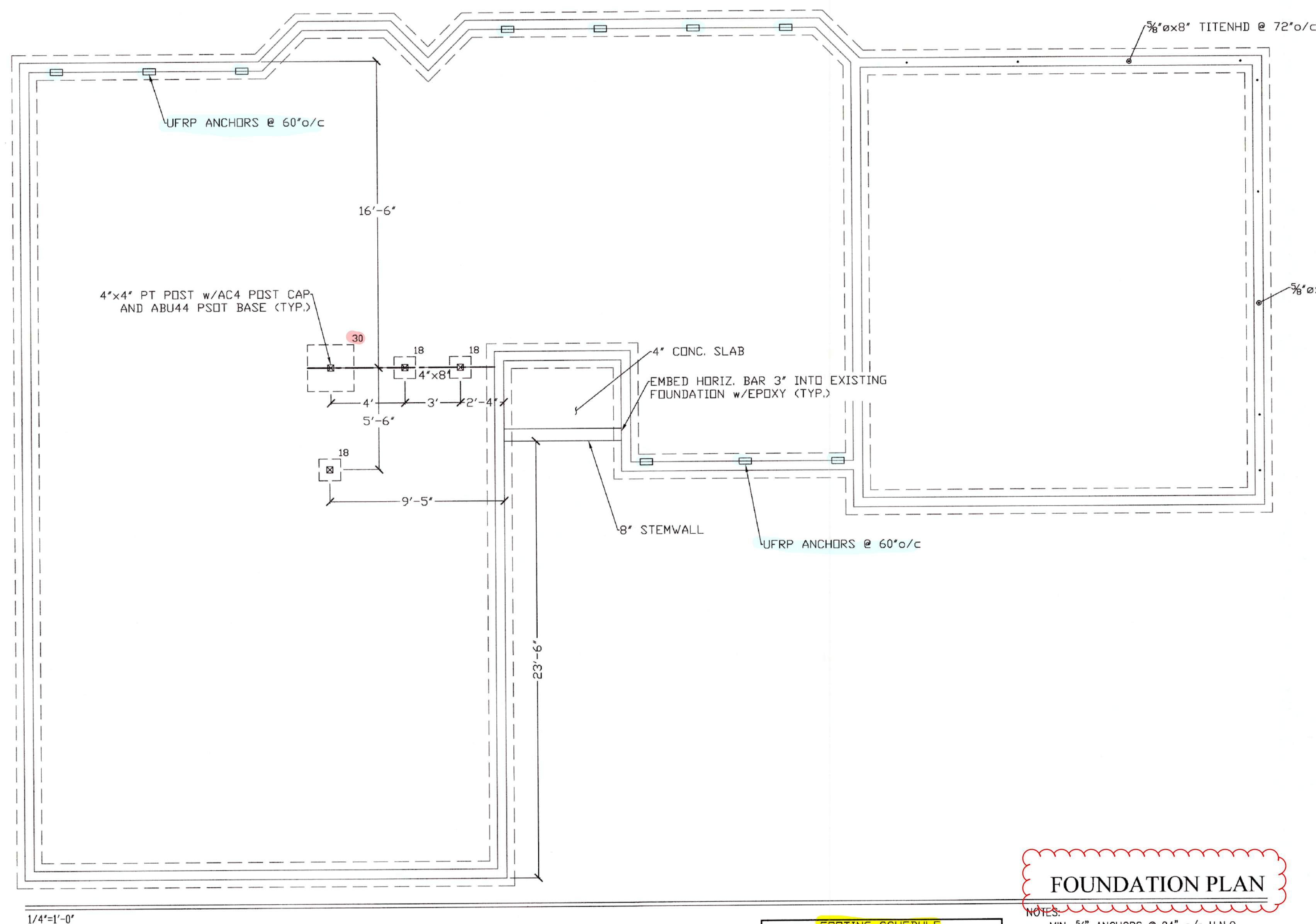
11

PROJECT #:
R20021

PARCEL #3055000470
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Engineering	Public Works
Fire	Traffic

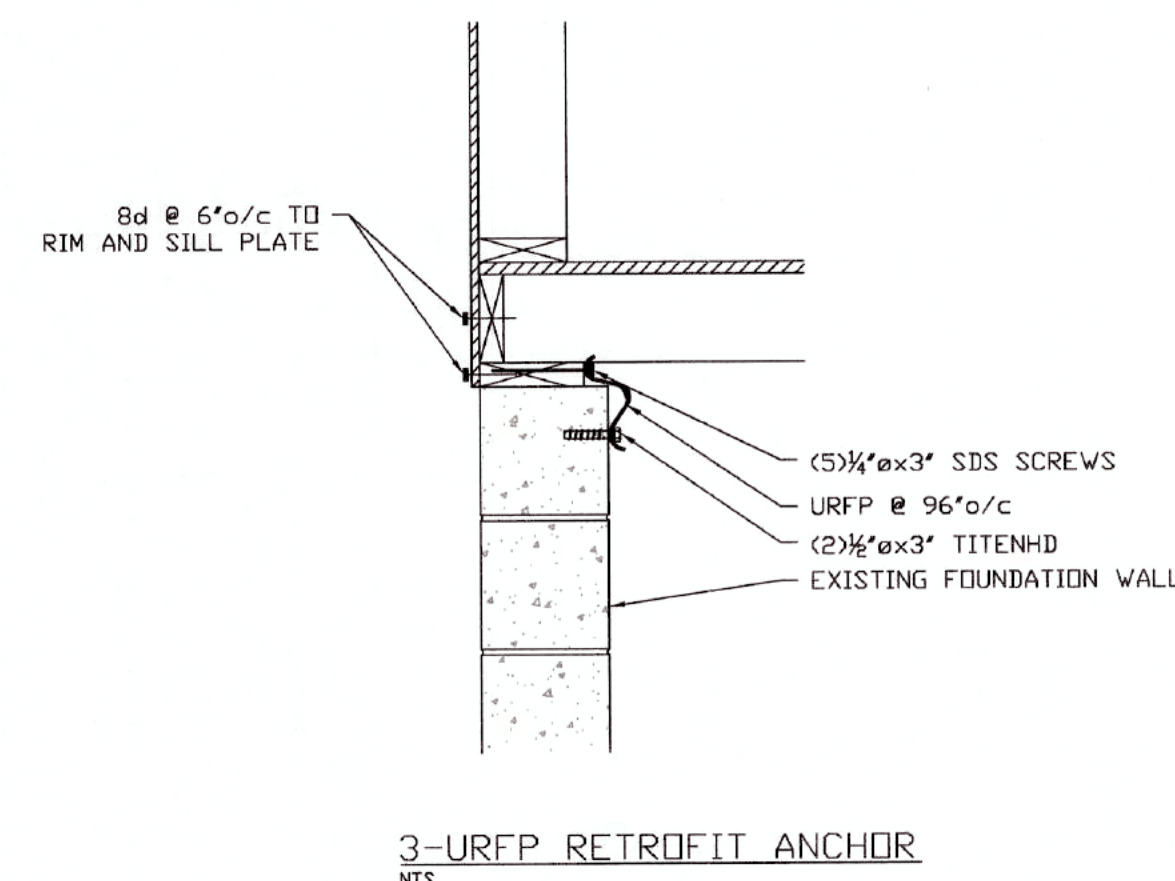
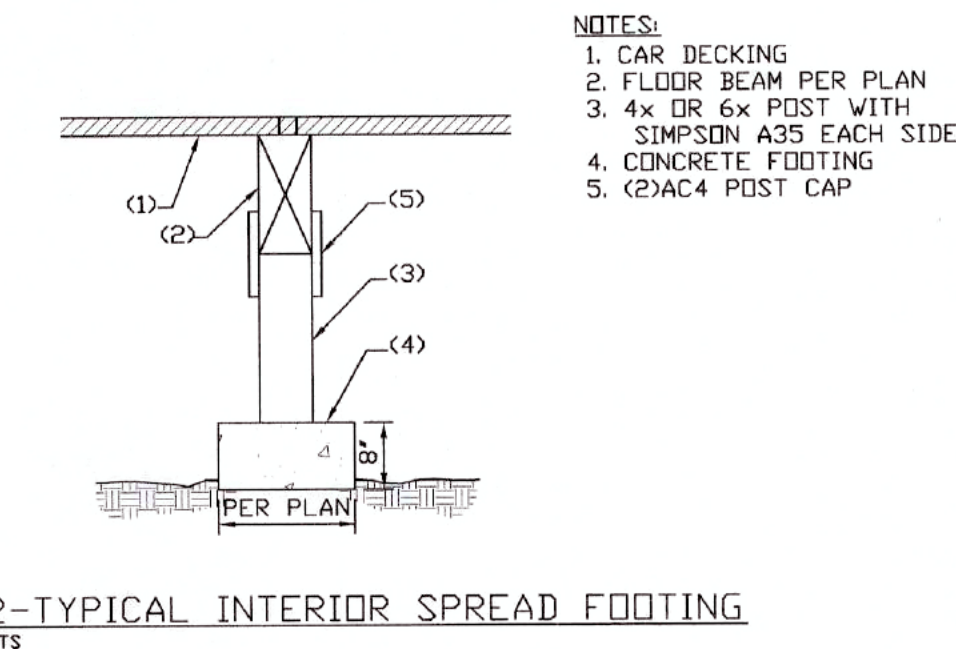
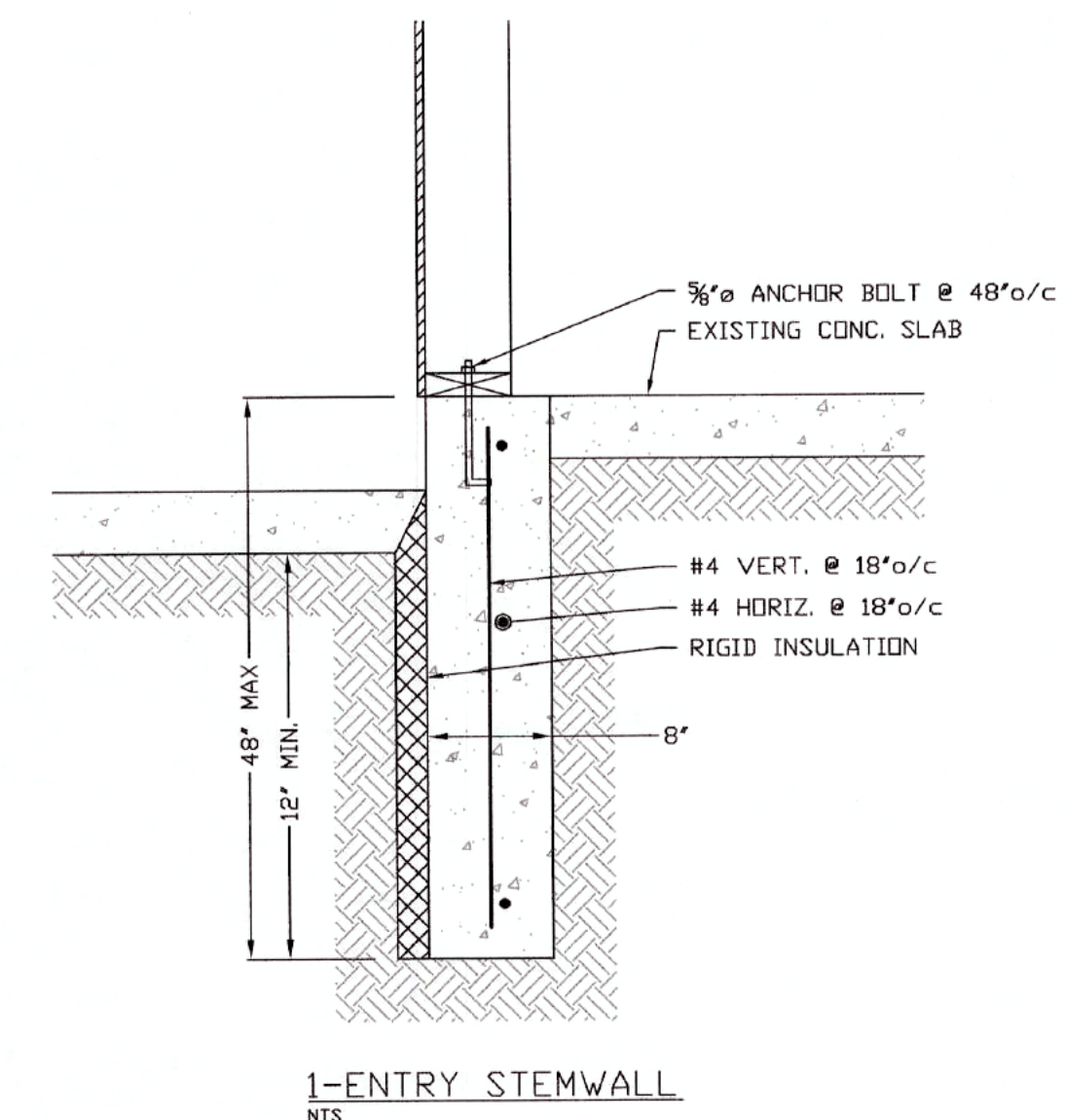


1/4"=1'-0"

FOOTING SCHEDULE			
18	18"x18"x8"	(2)#4 BAR E,W	
30	30"x30"x8"	(4)#4 BAR E,W	

FOUNDATION PLAN

- NOTES:
- MIN. 5/8" ANCHORS @ 24" o/c U.N.O.



NO	DATE	BY	DESIGNED	CHECKED	APPROVED
			NIL	NIL	NIL
			DRAWN	NIL	NIL
				APPROVED	NIL
					ACCEPTED

FOR: **Jeff Strobl and Kay Wong**
1922 5th Avenue SW
Puyallup, WA 98371

Second Story Addition
1922 5th Avenue SW
Puyallup, WA 98371



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Engineering, Planning and Surveying
(360) 895-2350 or (360) 876-2384
2453 Bellvue Avenue, P.O. Box 657, Port Orchard, WA 98366

SCALE:	AS SHOWN
DATE:	Dec. 2020
DRAWING NUMBER	2011112
SHEET	SI

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CITY OF PUYALLUP

REVISIONS		DATE	BY
DESIGNED	NIL	3/20	
DRAWN	NIL	3/20	
CHECKED	NIL	3/20	
APPROVED			
ACCEPTED			

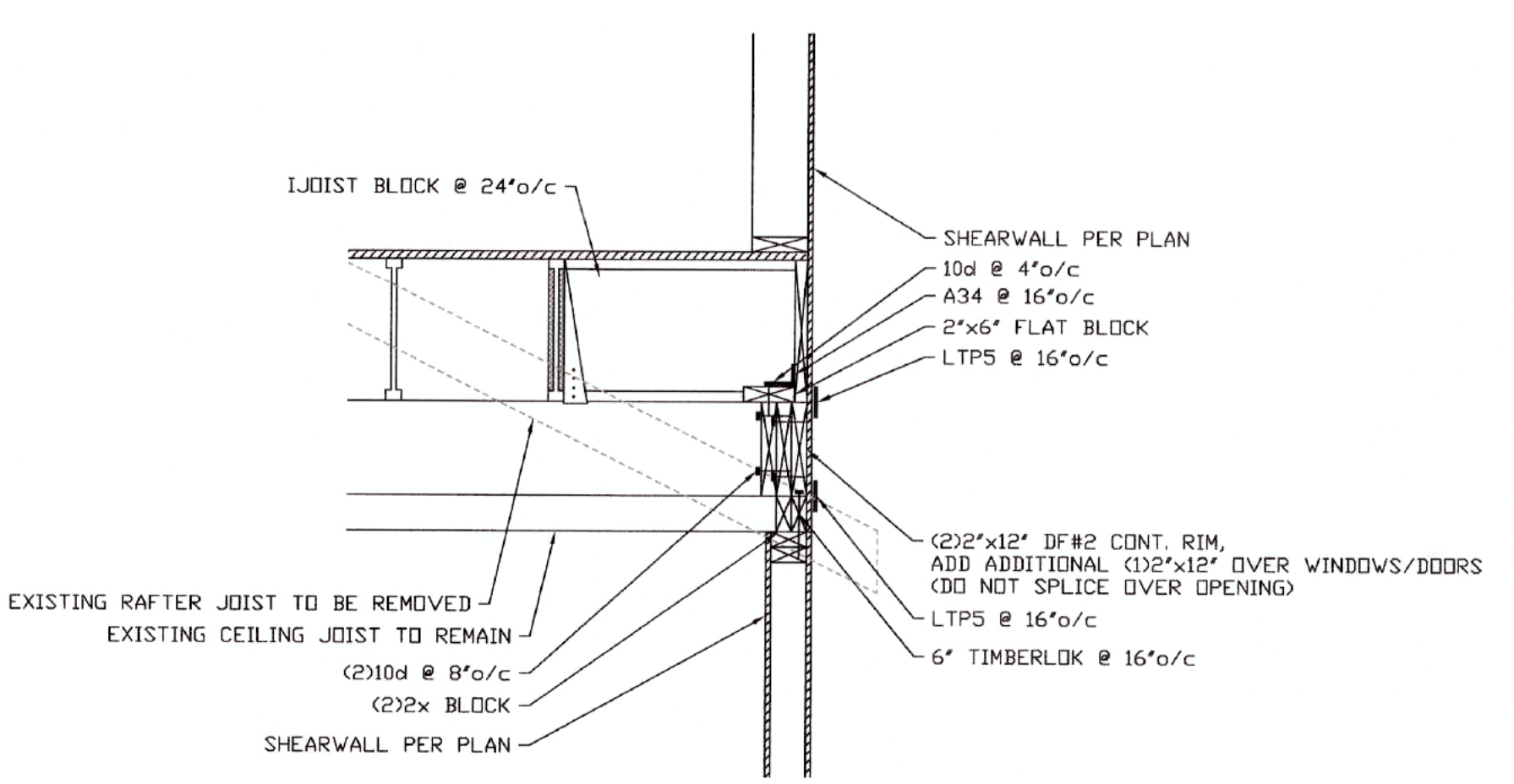
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Second Story Addition
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Puyallup, WA 98371

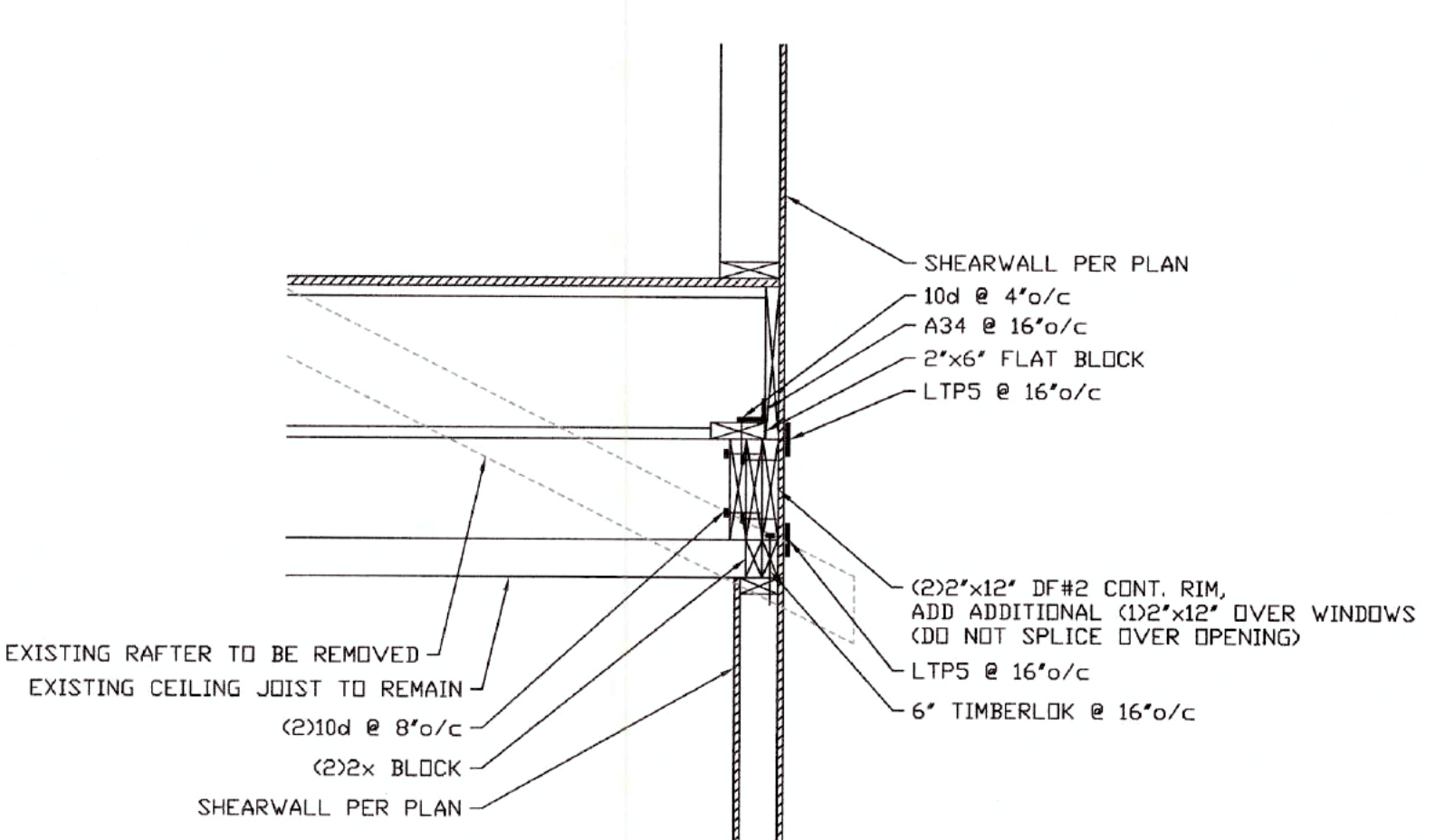


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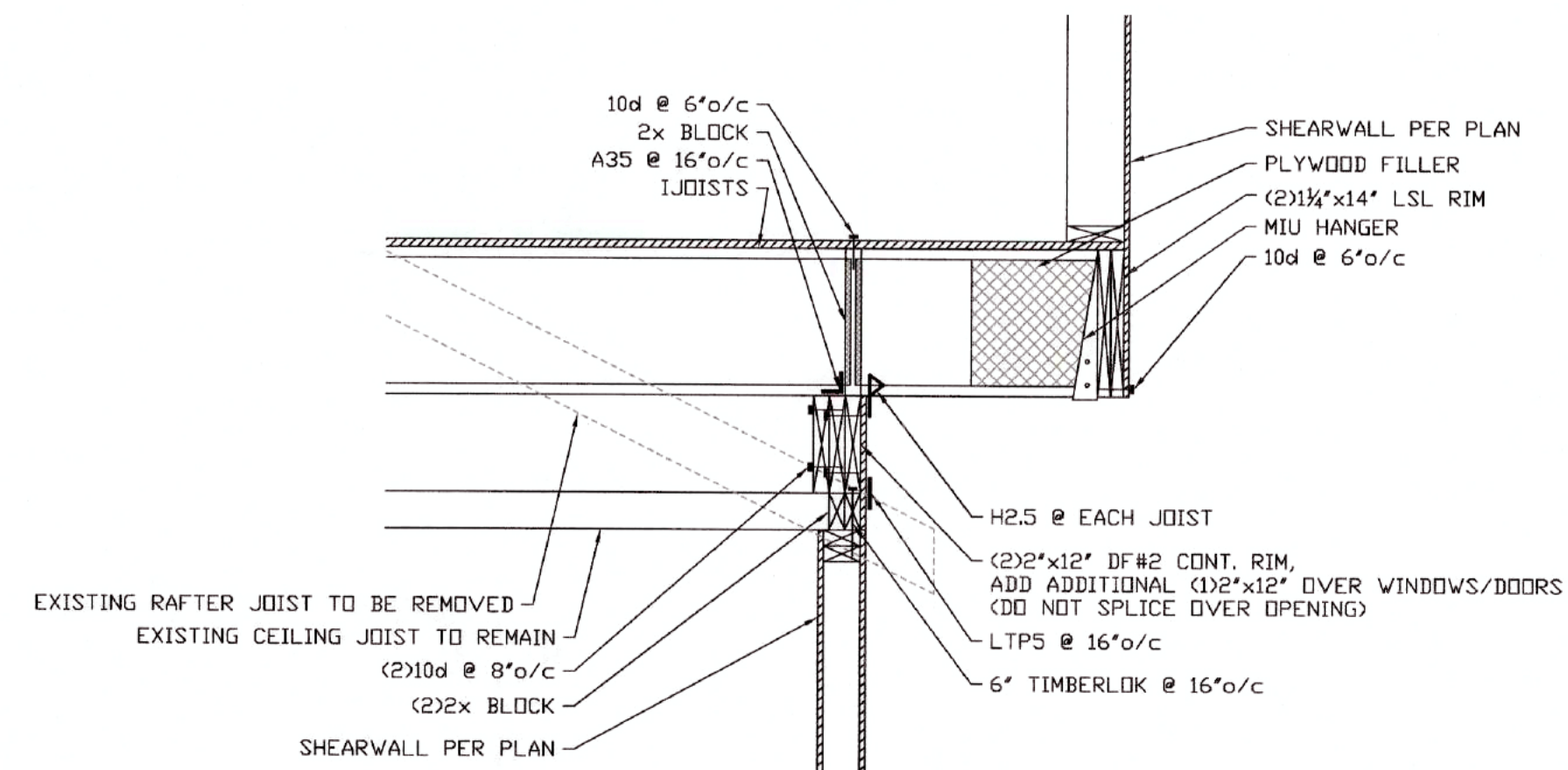
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DATE:	Dec. 2020
DRAWING NUMBER	2011112
SHEET	S2



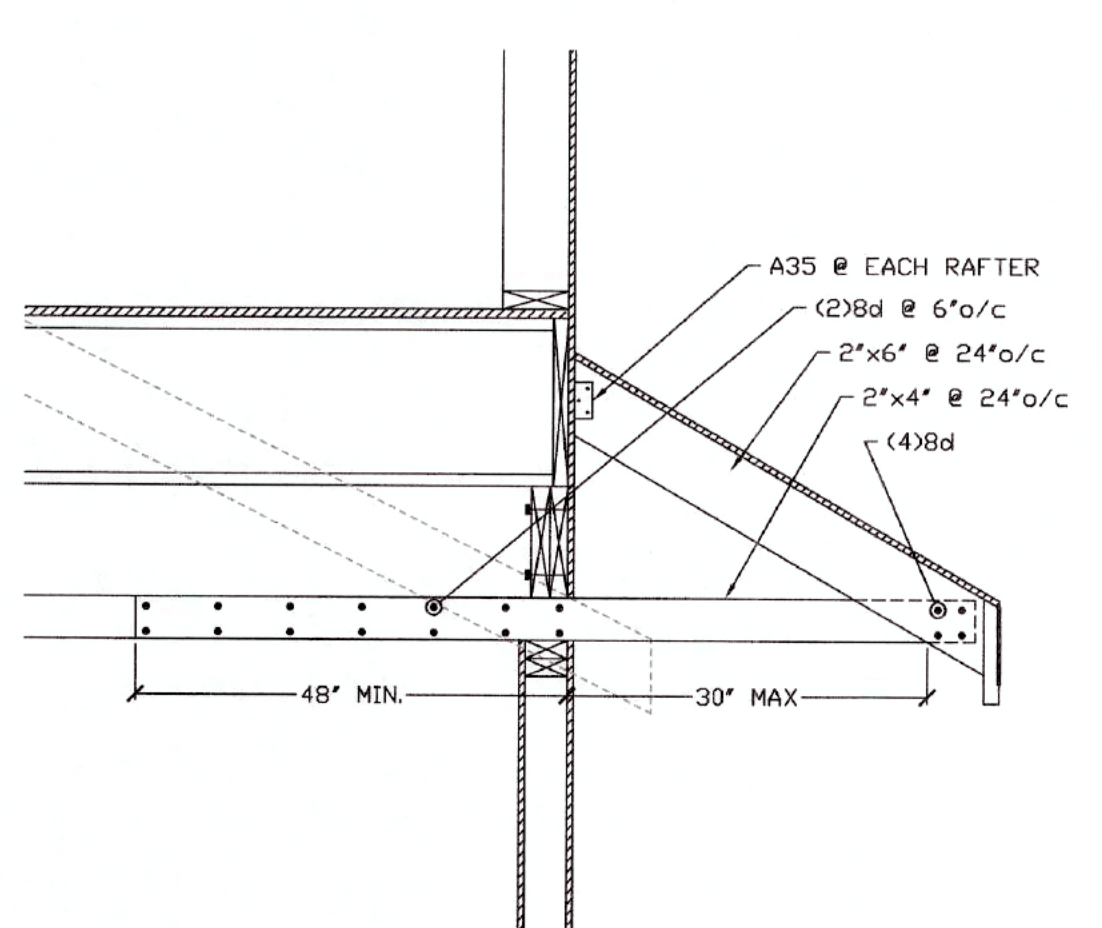
1-FLOOR SECTION 1
3/4"=1'-0"



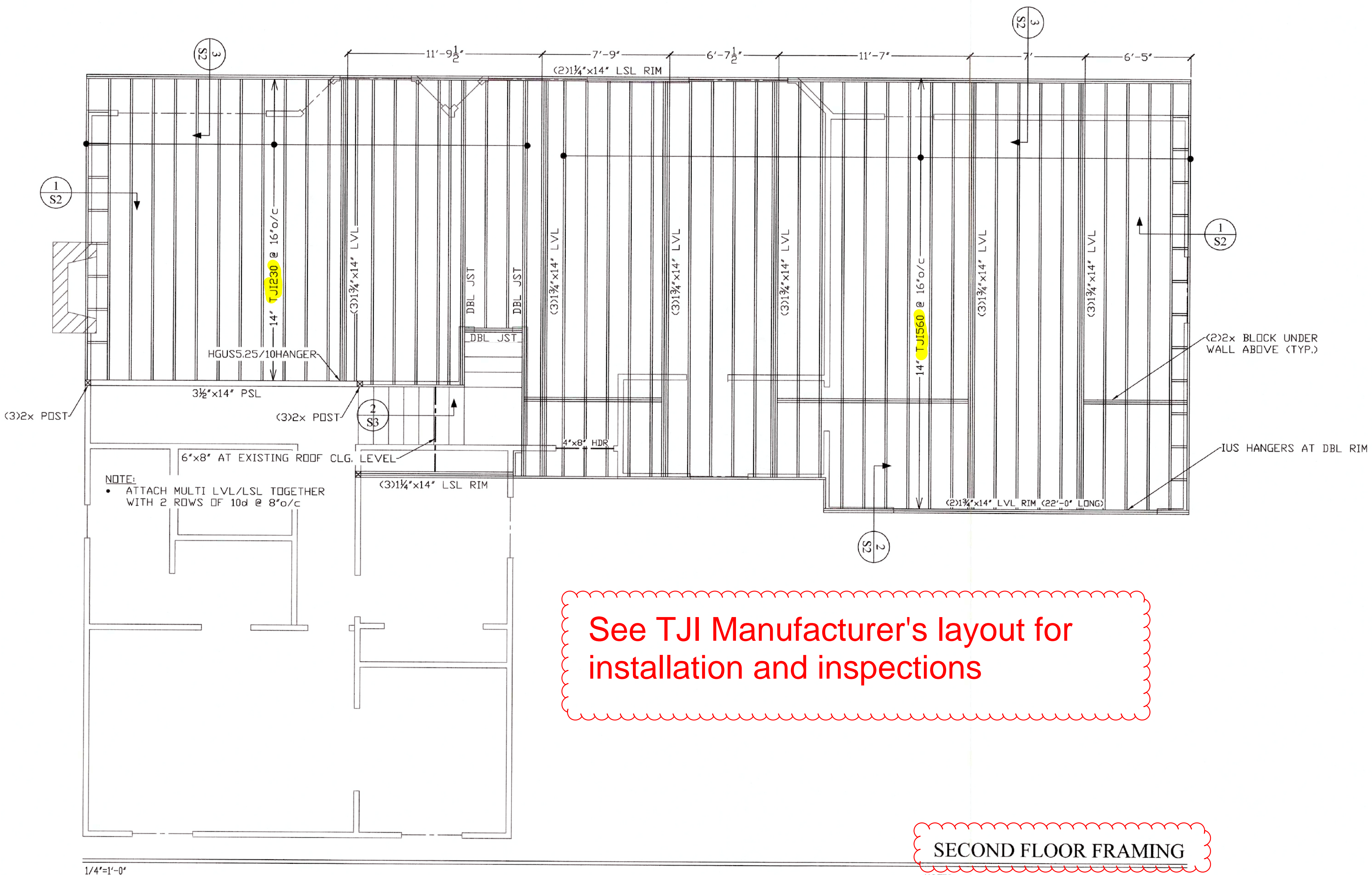
2-FLOOR SECTION 2
3/4"=1'-0"



3-FLOOR SECTION 3
3/4"=1'-0"



4-EYEBROW ROOF SECTION
3/4"=1'-0"



NOTE:
• ATTACH MULTI LVL/LSL TOGETHER WITH 2 ROWS OF 10d @ 8" o/c

See TJI Manufacturer's layout for installation and inspections

SECOND FLOOR FRAMING

- NOTES:
- ALL WINDOW/DOOR HDR TO BE (2) 2" x 6" HF #2 U.N.O.
 - ALL HEADER JACK STUDS TO BE MIN. (1) 2x U.N.O.
 - FLOOR JOISTS TO USE IUS HANGERS

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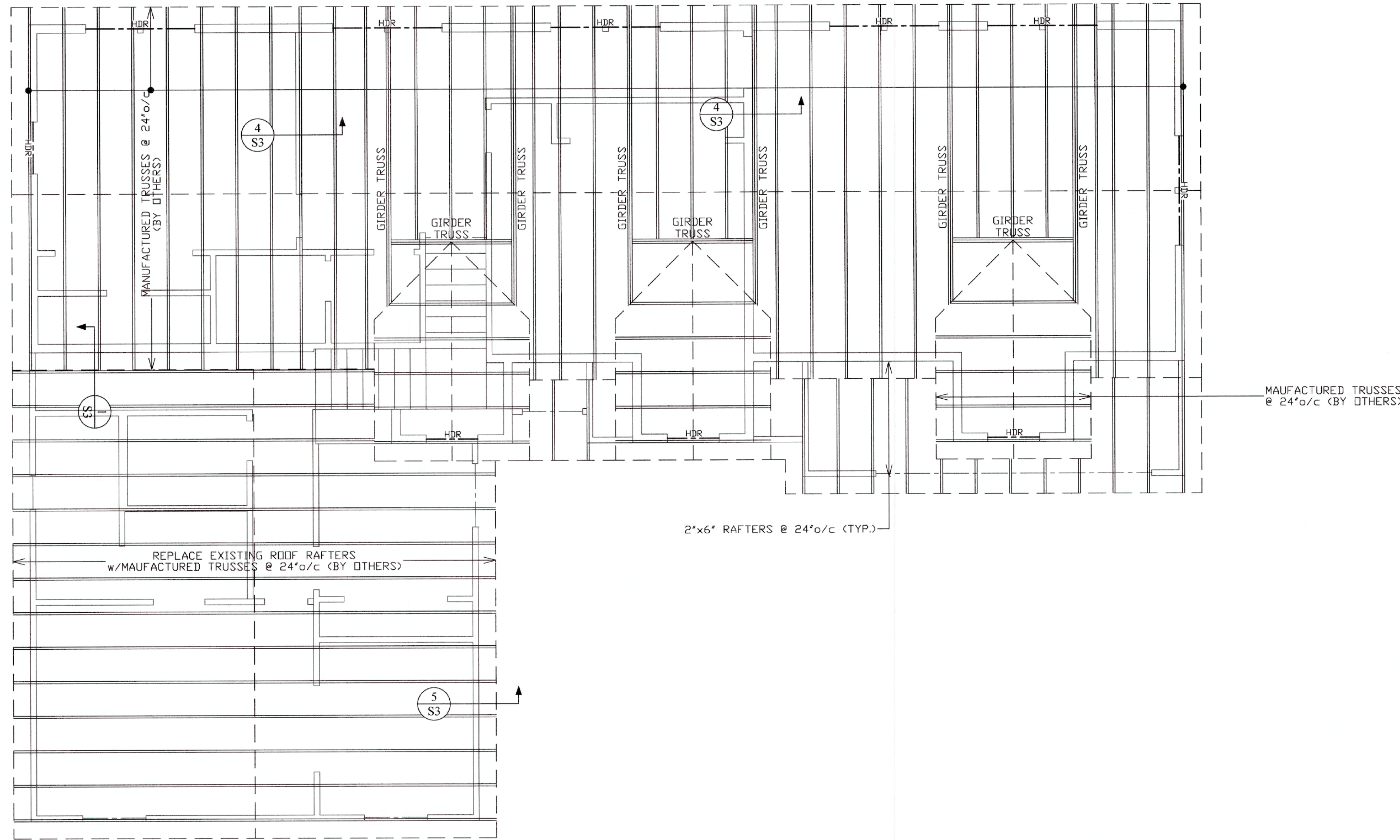
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Engineering	Public Works
Fire	Traffic

B-21-0070
CITY OF PUYALLUP

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Engineering	Public Works
Fire	Traffic

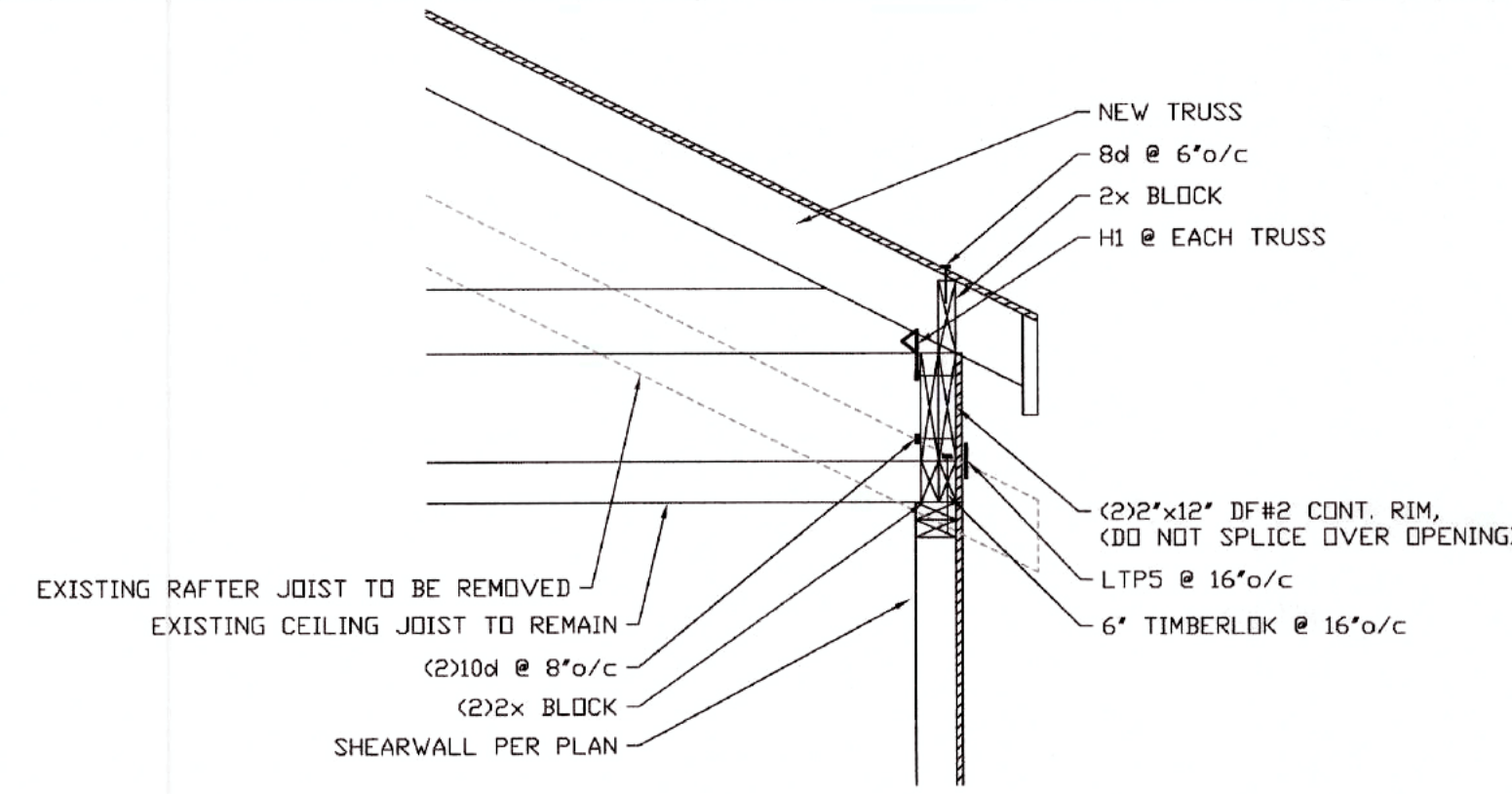


1/4"=1'-0"

ROOF FRAMING

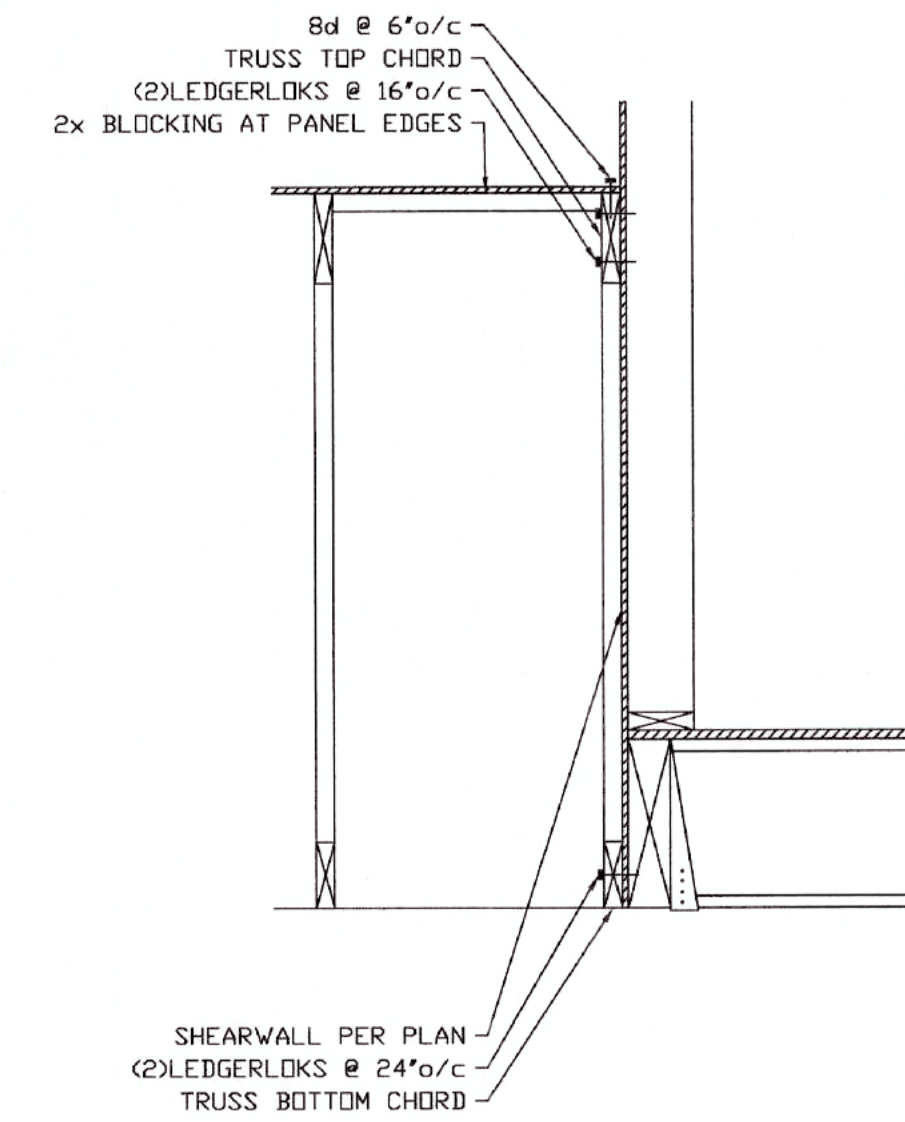
SEE ATTACH ENINGEERED TRUSSES

- NOTES:
- ALL WINDOW/DOOR HDR TO BE (2)2"x8" HF#2 U.N.O
 - ALL HEADER JACK STUDS TO BE MIN. (1)2x U.N.O
 - ROOF RAFTERS TO USE LRU HANGERS



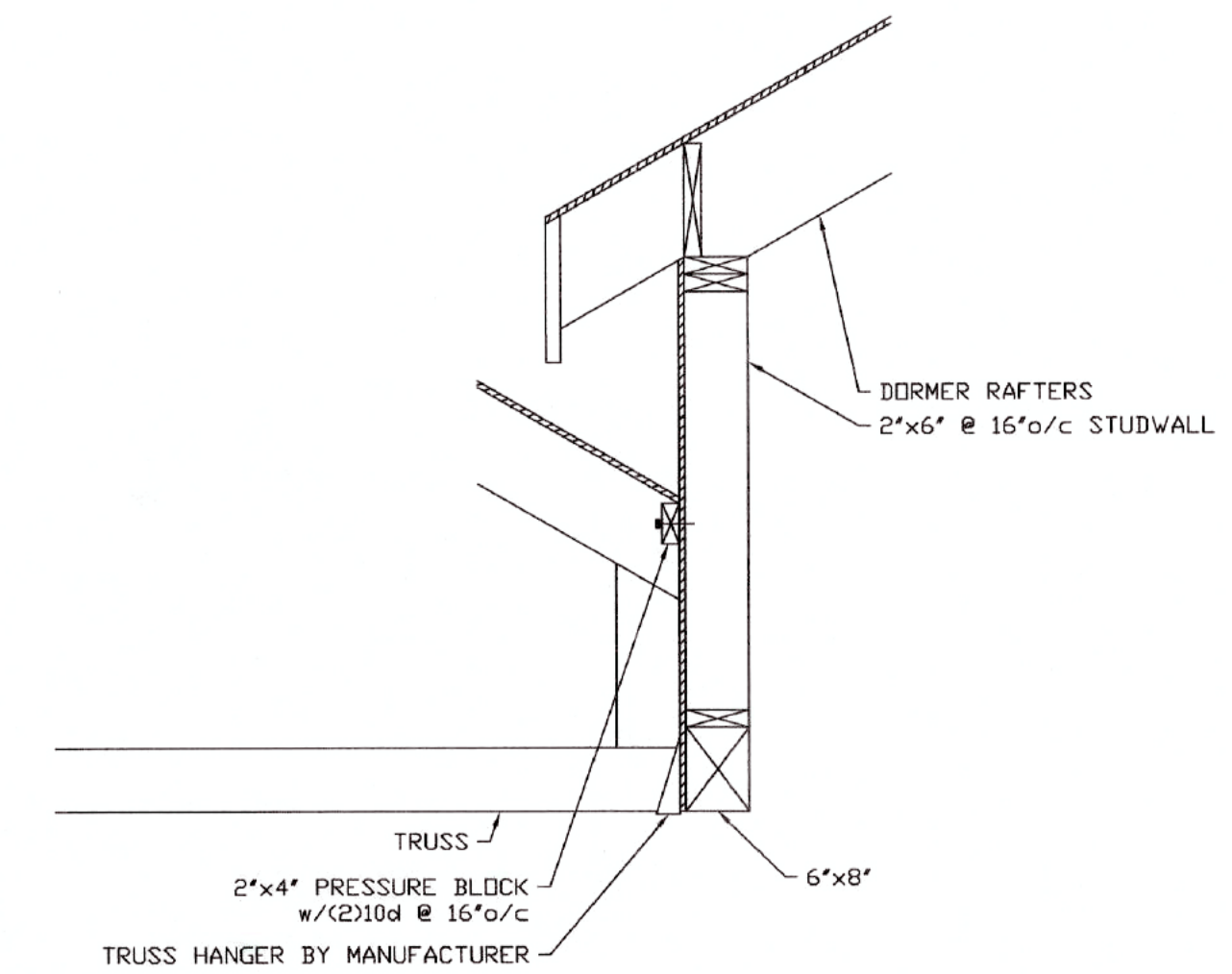
5-FLOOR SECTION 3

3/4"=1'-0"



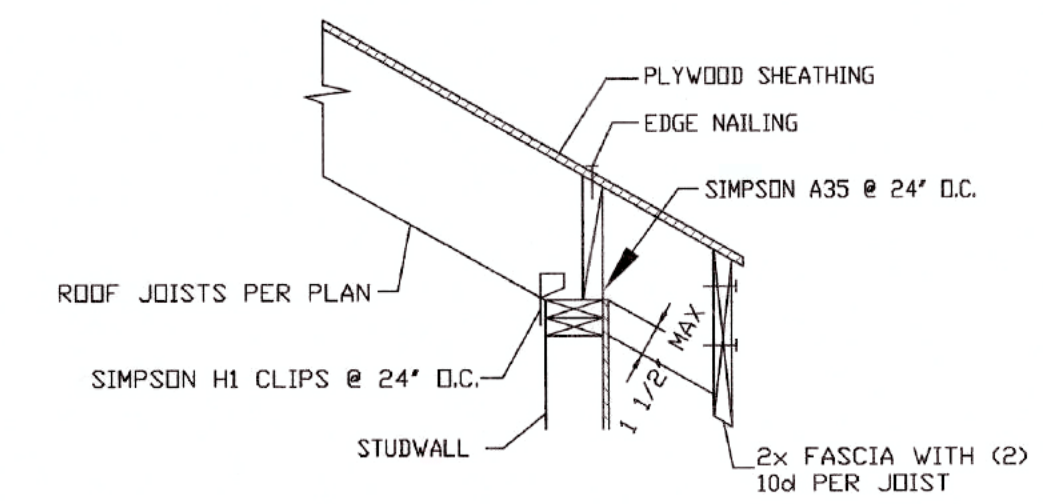
1-ROOF SECTION 1

3/4"=1'-0"



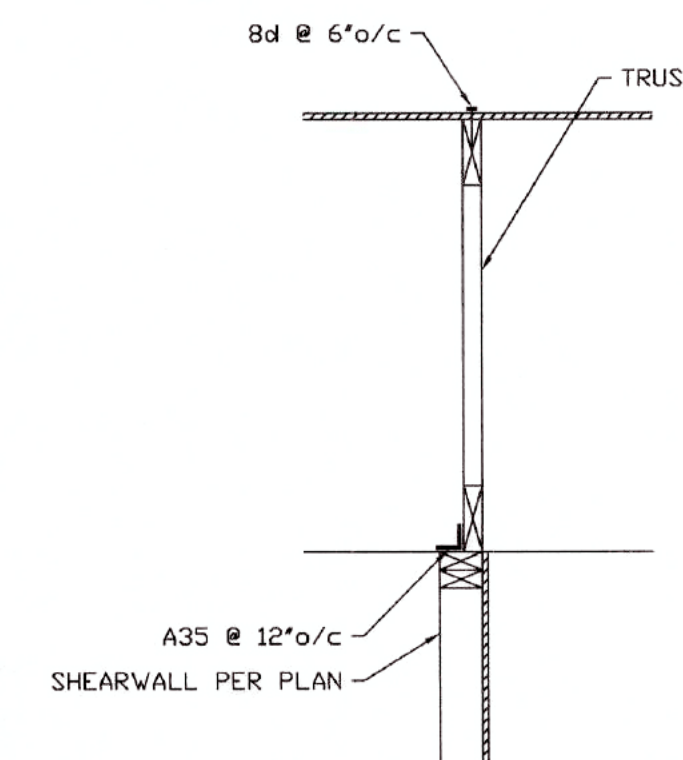
2-ROOF SECTION 2

3/4"=1'-0"



3-WOOD RAFTER AT WOOD STUDWALL

NTS



4-TRUSS TO SHEARWALL

3/4"=1'-0"

REVISIONS		NO	DATE	BY	DATE
DESIGNED	DESCRIPTION				
DRAWN					
CHECKED					
APPROVED					
ACCEPTED					

FOR:
Jeff Strobl and Kay Wong
1922 5th Avenue SW
Puyallup, WA 98371

Second Story Addition
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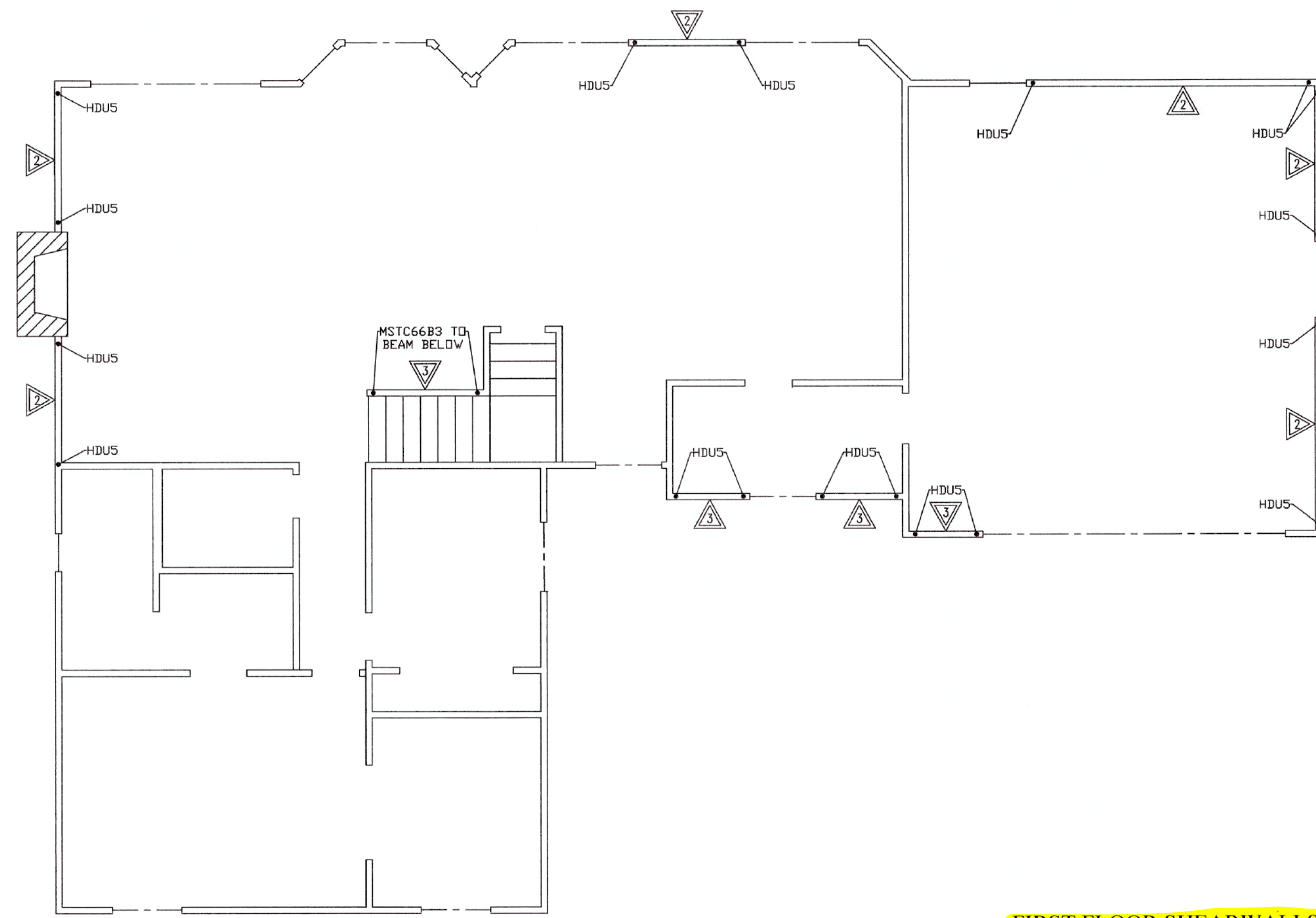
SCALE:	AS SHOWN
DATE:	Dec. 2020
DRAWING NUMBER	2011112
SHEET	S3

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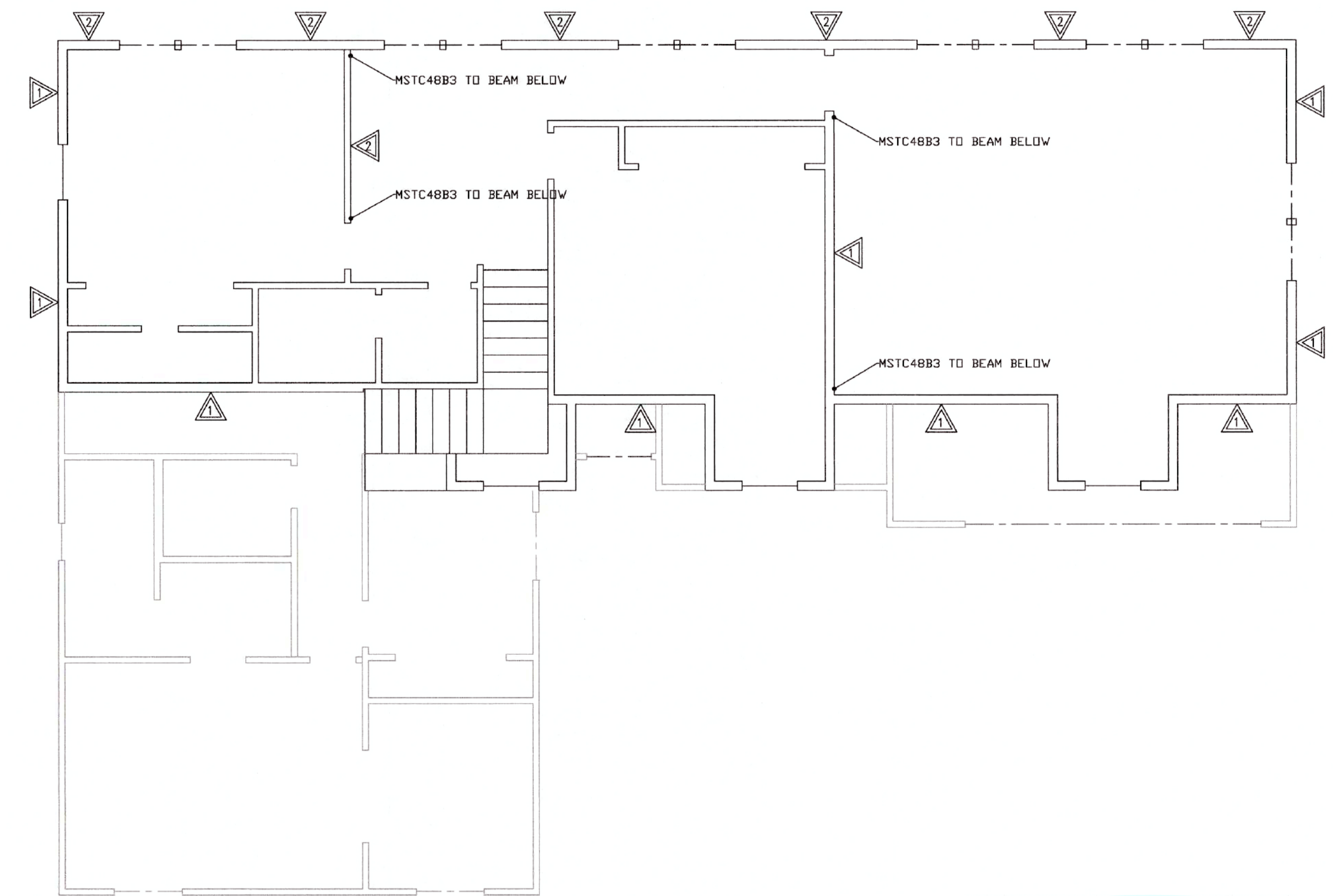
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Engineering	Public Works
Fire	Traffic



FIRST FLOOR SHEARWALLS

- NOTES:
- HDUS TO USE 3/8" THREADED ROD EMBEDDED 10" INTO EXISTING STEMWALL w/ SIMPSON SET-XP EPOXY.
 - THIRD PARTY SPECIAL INSPECTION REQUIRED FOR EPOXY INSTALLATION.



SECOND FLOOR SHEARWALLS

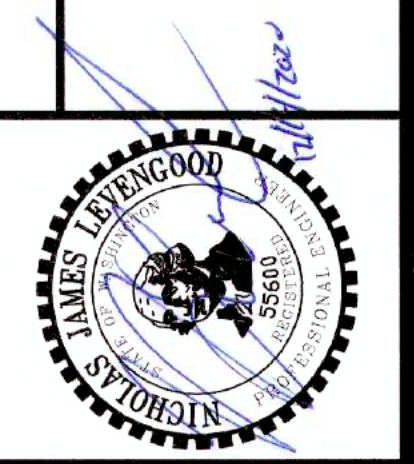
SEE S5 FOR SHEARWALL DETAILS

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CITY OF PUYALLUP**

REVISIONS		DATE	
NO	DATE	BY	DATE
		DESIGNED	3/20
		DRAWN	3/20
		CHECKED	3/20
		APPROVED	
		ACCEPTED	

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N.L. Olson & Associates, Inc.
Engineering, Planning and Surveying
(360) 895-2350 or (360) 876-2284
2453 Bethel Avenue, P.O. Box 637, Port Orchard, WA 98366

SCALE:	AS SHOWN
DATE:	Dec. 2020
DRAWING NUMBER	2011112
SHEET	S4

\\server-host\NLO Projects\11112 Strobl & Wong - Second Story Addition 5th Ave SW\Working\Strabldwg - 12/16/2020 2:54:29 PM - \\SERVER-HOST\HP PageWide XL 5000PS MFP-HPCL2

STRUCTURAL NOTES:

DESIGN CRITERIA:
1. BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE

2. VERTICAL LOADS: SNOW LOAD 25 psf, ROOF LIVE LOAD 25 psf, FLOOR DEAD LOAD 15 psf, FLOOR LIVE LOAD 40 psf
3. LATERAL LOAD FORCES TRANSMITTED BY DIAPHRAGM ACTION TO WOOD SHEARWALLS AND THENCE TO FOUNDATION WHERE DISPLACEMENT IS RESTRICTED BY PASSIVE PRESSURE AND SLIDING FRICTION OF EARTH.
4. SNOW DESIGN DATA (ASCE 7-10)
FLAT SNOW LOAD, P_f: 23.1 psf
SNOW EXPOSURE FACTOR, C_e: 1.0
SNOW IMPORTANCE FACTOR, I_s: 1.0
THERMAL FACTOR, C_t: 1.1
5. WIND DESIGN DATA (ASCE 7-10)
WIND SPEED: V_{ult}=110 mph
RISK CATEGORY: II
EXPOSURE CATEGORY: B
6. SEISMIC DESIGN DATA (ASCE 7-10)
SEISMIC FORCE RESISTING SYSTEM: WOOD SHEARWALLS
RISK CATEGORY: II
SEISMIC IMPORTANCE FACTOR, I_e: 1
MAPPED SPECTRAL RESPONSE ACCELERATION: S_m=1.6, S₁=0.6
DESIGN SPECTRAL RESPONSE ACCELERATION: S_{ds}=1.0, S_{d1}=0.55
SITE CLASS: D
SEISMIC DESIGN CATEGORY: D
SEISMIC RESPONSE COEFFICIENT, C_s: 0.154
RESPONSE MODIFICATION COEFFICIENT, R: 6.5
EQUIVALENT LATERAL FORCE PROCEDURE (ASCE 7 12.8.1)
DESIGN BASE SHEAR: 19.8k
7. SOIL PROPERTIES
BEARING CAPACITY: 1,500 psf
LATERAL CAPACITY: 250 psf/ft

- GENERAL:
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CONTRACT DRAWINGS.
 - DURING THE CONSTRUCTION PERIOD THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE BUILDING THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING AND GUYS IN ACCORDANCE W/ ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES. ANY DEVIATION MUST BE APPROVED PRIOR TO ERECTION.
 - ALL ERECTION PROCEDURES SHALL CONFORM TO OSHA STANDARDS. ANY DEVIATION MUST BE APPROVED BY OSHA PRIOR TO ERECTION.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION PROCEDURES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
 - DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN. SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECT TO REVIEW BY THE ENGINEER.
 - ALL DETAILS DESIGNATED AS STANDARD OR TYPICAL SHALL OCCUR IN ADDITION TO ANY OTHER SPECIFIC DETAIL CALLED OUT.
 - ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OR ACCURACY. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS, THEY SHALL BE REPORTED TO THE ENGINEER SO THAT THE PROPER REVISIONS MAY BE MADE. MODIFICATIONS TO DETAILS OF CONSTRUCTION SHALL NOT BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
 - FOR CONCRETE FOOTINGS:
FOOTING DEPTH TO BE MIN. 12" TO PREVIOUSLY UNDISTURBED SOIL OR UNDISTURBED FILL. ALL EXTERIOR WALLS TO BE SUPPORTED ON CONTINUOUS FOOTINGS.
PIPE PENETRATIONS TO BE SLEEVED.

- WOOD NOTES:
- FRAMING LUMBER SHALL BE HEM-FIR NO. 2; AND HEM-FIR NO. 2 FOR ALL TOP AND BOTTOM PLATES (GRADES ARE TYPICAL UNLESS OTHERWISE NOTED ON PLANS). LUMBER TO BE GRADE MARKED PER WCLUB SPECIFICATIONS.
 - STRUCTURAL SHEATHING SHALL BE APA RATED PLYWOOD, EXPOSURE 1, SHEATHING CONFORMING TO EITHER COMMERCIAL STANDARDS P51-83, APA PRP-108, OR VOLUNTARY PRODUCT STANDARD P5E-92. PROVIDE MINIMUM OF 3/8" EDGE DISTANCE ON ALL NAILS AND 1/8" EXPANSION JOINTS BETWEEN ALL PANEL EDGES. MINIMUM SHEATHING REQUIREMENTS ARE AS FOLLOWS:
ROOF SHEATHING TO BE 15/32" C-D INT-APA RATED PLYWOOD WITH EXTERIOR GLUE, P.I. 24/0 (USE 5-PLY FOR PANELIZED ROOFS). NAILING 8d @ 6 INCHES ON CENTER AT PANEL EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS.
SUB FLOORING TO BE 23/32" T&G C-D EXTERIOR/EXPOSURE 1-APA RATED PLYWOOD WITH EXTERIOR GLUE, P.I. 48/24. GLUE AND NAIL WITH 10d AT 6 INCHES ON CENTER AT PANEL EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS.
 - NAILING SHALL CONFORM TO TABLE 2304.10.1 OF THE INTERNATIONAL BUILDING CODE UNLESS NOTED OTHERWISE. USE COMMON NAILS THROUGHOUT UNLESS NOTED OTHERWISE.
 - NO STRUCTURAL MEMBER SHALL BE CUT OR NOTCHED UNLESS SPECIFICALLY DETAILED OR APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
 - PROVIDE 3"x3"x1/4" (USE GALVANIZED @ P.T. MEMBERS) PLATE WASHERS UNDER HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD UNLESS NOTED OTHERWISE. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED TO BE HOT DIPPED GALVANIZED.

- BOLT HOLES SHALL BE NOMINAL DIAMETER OF BOLT PLUS 1/16" UNLESS OTHERWISE NOTED. LAG BOLT PILOT HOLES SHALL BE PRE-DRILLED TO 60% OF THE NOMINAL DIAMETER OF THE LAG BOLT UNLESS OTHERWISE NOTED.
- ALL SILL PLATES SHALL BE BOLTED TO THE FOUNDATION WITH 5/8" MIN @ STEEL BOLTS SPACED AT 48" O.C. MAX. (EMBED 7" MIN. INTO CONCRETE OR MASONRY). SEE PLANS AND DETAILS FOR SPECIFIC REQUIREMENTS WHERE OCCUR.
- ALL FRAMING LUMBER IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED. (SEE NOTE 1 FOR MINIMUM GRADE INFORMATION)
- OSB OF EQUAL OR GREATER THICKNESS MAY BE SUBSTITUTED FOR PLYWOOD USED IN SHEAR PANELS AND DIAPHRAGMS.
- STUD NOTCHING: BEARING - 25% NOTCH, 40% BORING (60% BORING @ DBL.) NON BEARING - 40% NOTCH, 60% BORING HOLES NO CLOSER THAN 5/8" TO FACE OF STUD

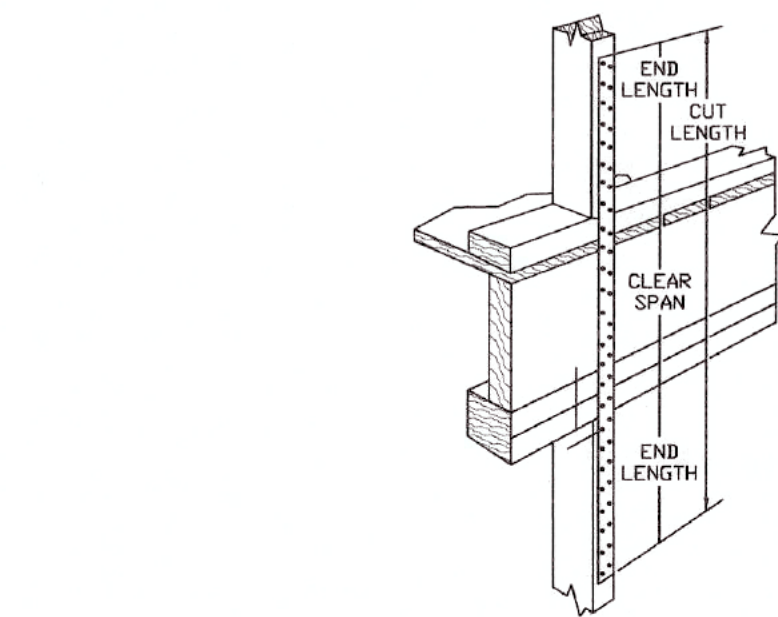
- CONCRETE NOTES:
- MINIMUM 28 DAY STRENGTH 3,000 PSI (f'_c=3,000 PSI), UNLESS NOTED OTHERWISE
 - ASTM A615 (f_y=60 KSI) DEFORMED BARS FOR ALL BARS. NO TACK WELDING OF REINFORCING BARS ALLOWED WITHOUT PRIOR REVIEW OF PROCEDURE BY THE STRUCTURAL ENGINEER. LATEST ACI CODE AND DETAILING MANUAL APPLY.
 - MINIMUM SPLICE LENGTHS: #4 BAR-24" LAP; #5 BAR-30" LAP; #6 BAR-42"
 - MINIMUM CLEAR COVERAGE: CAST AGAINST EARTH-3"; #6 BAR OR SMALLER-2"

SHEARWALL SCHEDULE					
MARK	MINIMUM SHEATHING	EDGE NAILING	FIELD NAILING	SILL PLATE NAILING	SILL PLATE CONN. @ FND.
△	7/16" CDX ONE FACE	8d @ 6" o.c.	8d @ 12" o.c.	(2)16d @ 16" o.c.	5/8" dia. @ 48" o.c. w/ 2x BTM. PLATE
△	7/16" CDX ONE FACE	8d @ 4" o.c.	8d @ 12" o.c.	(2)16d @ 12" o.c.	5/8" dia. @ 36" o.c. w/ 2x BTM. PLATE
△	7/16" CDX ONE FACE	8d @ 3" o.c.	8d @ 12" o.c.	(2)16d @ 8" o.c.	5/8" dia. @ 30" o.c. w/ 3x BTM. PLATE
△	15/32" CDX ONE FACE	10d @ 4" o.c.	10d @ 12" o.c.	(2)16d @ 8" o.c.	5/8" dia. @ 24" o.c. w/ 3x BTM. PLATE
△	15/32" CDX ONE FACE	10d @ 3" o.c.	10d @ 12" o.c.	(2)16d @ 6" o.c.	5/8" dia. @ 18" o.c. w/ 3x BTM. PLATE

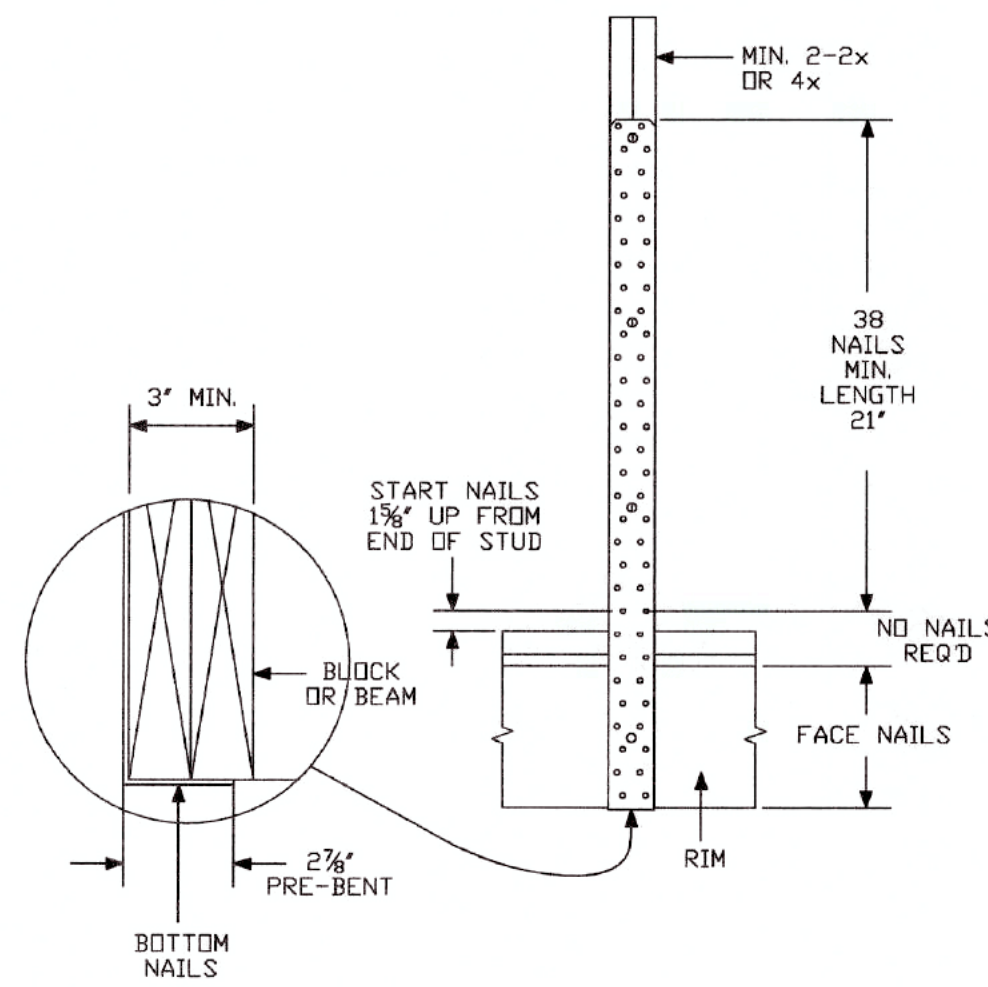
- SHEARWALL NOTES:
- ALL STUDS AND BLOCKING SHALL BE HF#2 ALL TOP AND BOTTOM PLATES SHALL BE HF#2. ALL SHEATHING EDGES SHALL BE BACKED WITH 2x OR WIDER FRAMING UNLESS OTHERWISE NOTED (SEE NOTE#2). SHEATHING MAY BE INSTALLED EITHER HORIZONTALLY OR VERTICALLY.
 - WHERE SHEATHING NAILING IS A Δ OR GREATER, FOUNDATION SILL PLATES AND ALL FRAMING MEMBERS RECEIVING EDGE NAILING FROM ABUTTING PANELS SHALL NOT BE LESS THAN A SINGLE 3-INCH NOMINAL MEMBER AND SILL PLATES NOT BE LESS THAN A SINGLE 3-INCH NOMINAL MEMBER.
 - NAILING CRITERIA IS BASED ON IBC 2306.3 AND AF&PA SPDVS TABLE 4.3A FOR CD PLYWOOD AND HF#2 FRAMING. WIRE STAPLES MAY BE SUBSTITUTED AS OUTLINED IN THE STRUCTURAL NOTES. OTHER SUBSTITUTIONS MUST BE VERIFIED IN WRITING BY THE STRL. ENGINEER.
 - HOLD-DOWNS AND OTHER CONNECTIONS MAY BE REQUIRED AT THE ENDS OF MANY SHEARWALLS. SIZES AND LOCATIONS OF THESE CONNECTORS ARE INDICATED ON THE PLANS. REFER TO THE APPROPRIATE CONNECTOR DETAILS FOR ADDITIONAL INFORMATION REGARDING ANCHOR BOLTS, EMBEDMENT LENGTH, ETC.
 - ANCHOR BOLTS MUST BE EMBEDDED INTO CONCRETE OR GROUTED ON A MINIMUM OF 7" AND SHALL BE PLACED TO PROVIDE A MINIMUM OF 2" GROUTED CLEAR TO THE FACE OF FORMED CONCRETE (PROVIDED 3" CLEAR FOR CONCRETE CAST AGAINST SOIL).
 - EDGE OF ANCHOR BOLT WASHER SHALL BE WITHIN 1/2" OF SHEAR WALL SHEATHING

HOLD-DOWN SCHEDULE				
MODEL	ANCHOR BOLT	THRU BOLTS OR NAILS	EMBEDMENT LENGTH	MIN. EMBEDMENT DISTANCE
HDIU2	5/8" DIA	(6) SDS SCREWS	21" SSTR241	3/4"
HDIU4	5/8" DIA	(10) SDS SCREWS	21" SSTR241	3/4"
HDIU5	5/8" DIA	(14) SDS SCREWS	25" SSTR281	3/4"
HDIU8	7/8" DIA	(20) SDS SCREWS	25" SSTR281	3/4"

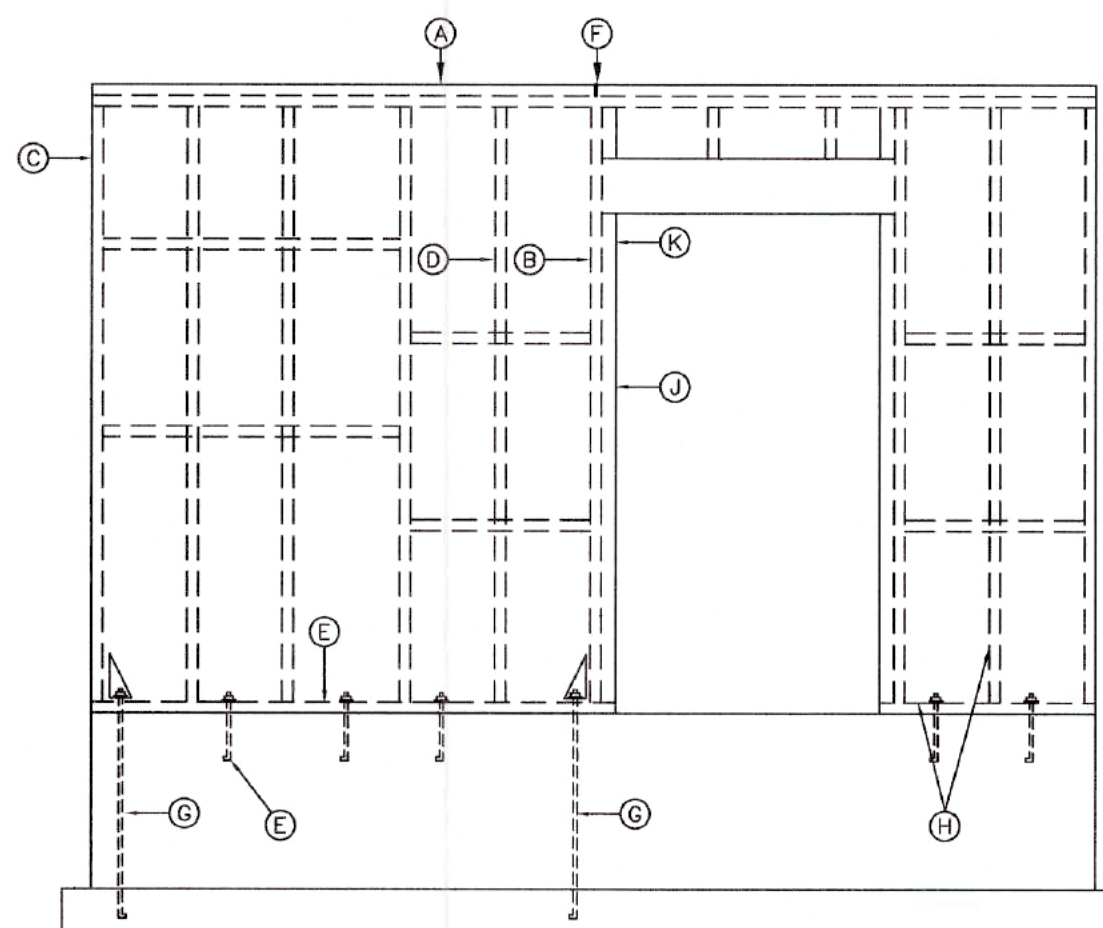
- HOLD-DOWN NOTES:
- ALL THREAD BOLTS SHALL CONFORM TO ASTM A307.
 - MIN. CONCRETE COMPRESSIVE STRENGTH f'_c=3,000 psi.
 - HDIU8 REQUIRES A 6x6 MIN. POST SIZE, HDIU4/5 REQUIRES (2)2x MIN. POST SIZE, HDIU9 REQUIRES MIN. 6x8 POST SIZE LUND
 - MINIMUM EDGE DISTANCE SHOWN IS FOR FORMED CONCRETE EXPOSED TO SOIL OR WEATHER. FOR CONCRETE CAST AGAINST SOIL PROVIDE 3" CLEAR TO ANCHOR BOLT.
 - NAILS TO HOLD-DOWN POSTS SHALL BE 10d COMMON, 16d STINKERS MAY BE USED WITH PRIOR WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER.



8-FLOOR TO FLOOR STRAP CONN. NTS

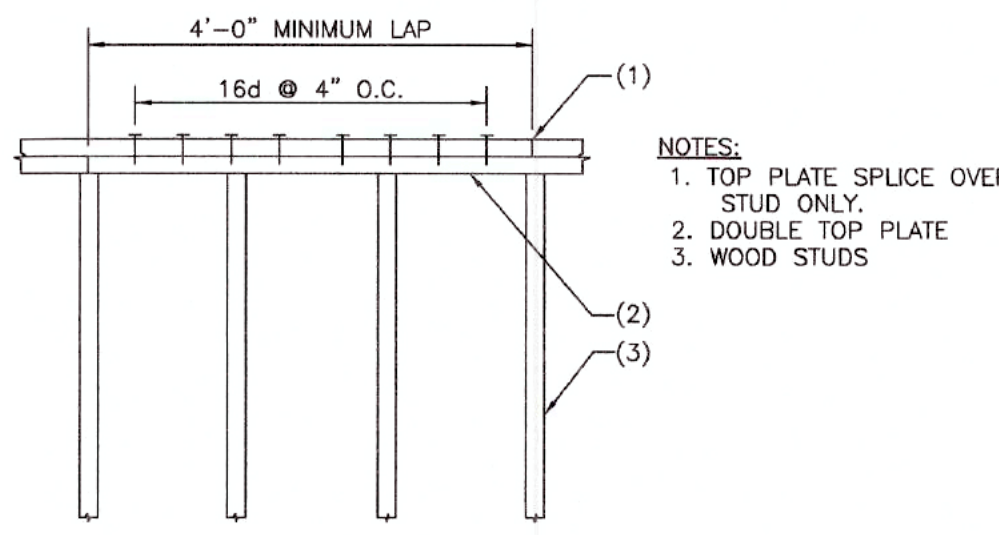


12-TYPICAL MSTC48B3 STRAP INSTALL. NTS

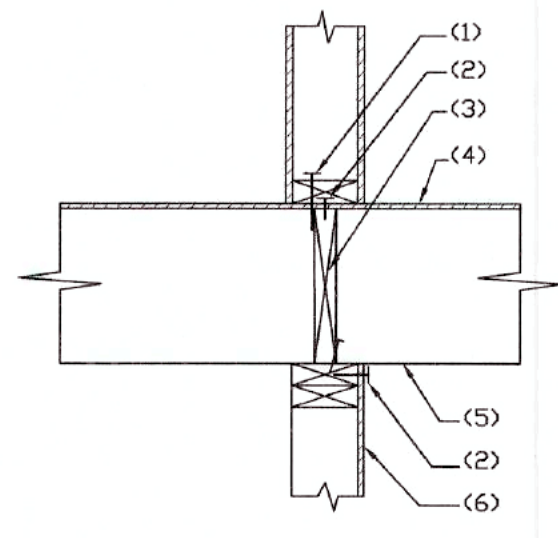


- 1-TYPICAL WOOD SHEARWALL ELEVATION. NTS
- (A) DOUBLE TOP PLATE W/ EDGE NAILING (STAGGER) SEE SHEARWALL SCHEDULE FOR LUMBER GRADE.
 - (B) TOP PLATE SPLICE AND NAILING PER PLANS. LAP 4'-0" MINIMUM CENTER SPLICE ON STUD.
 - (C) EDGE NAILING AT ALL PANEL EDGES. BACK W/ 2x BLOCKING OR BACKING
 - (D) EDGE NAILING TO HOLD-DOWN POST (FULL HEIGHT)
 - (E) STUDS @ 16" o.c.
 - (F) P.T. SILL PLATE W/ EDGE NAILING & ANCHOR BOLTS PER SHEARWALL SCHEDULE (PROVIDE A MINIMUM OF 5/8" DIA. ANCHOR BOLTS @ 48" o.c.)
 - (G) HOLD-DOWN PER SCHEDULE AND PLAN
 - (H) COORDINATE ALL STUD AND PLATE SIZES W/ SHEARWALL SCHEDULE REQUIREMENTS
 - (I) J EDGE NAILING TO POSTS, TRIM STUDS AND KING STUDS
 - (J) BEARING STUD FOR HEADER

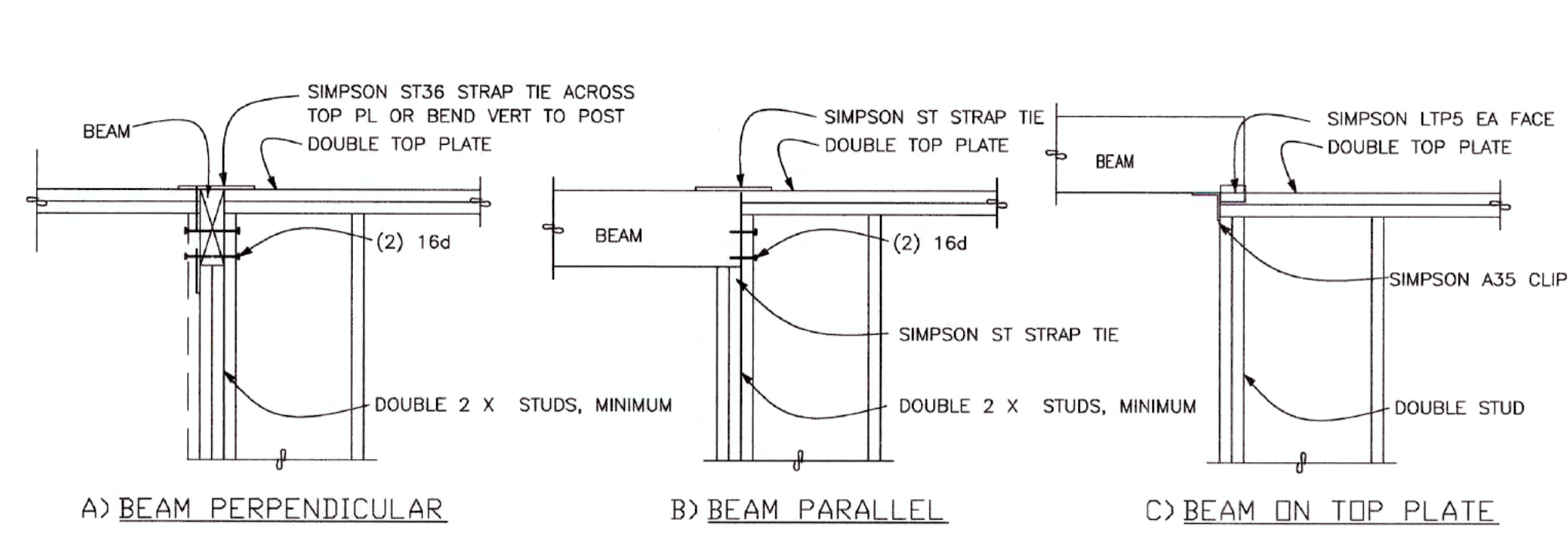
1-TYPICAL WOOD SHEARWALL ELEVATION. NTS



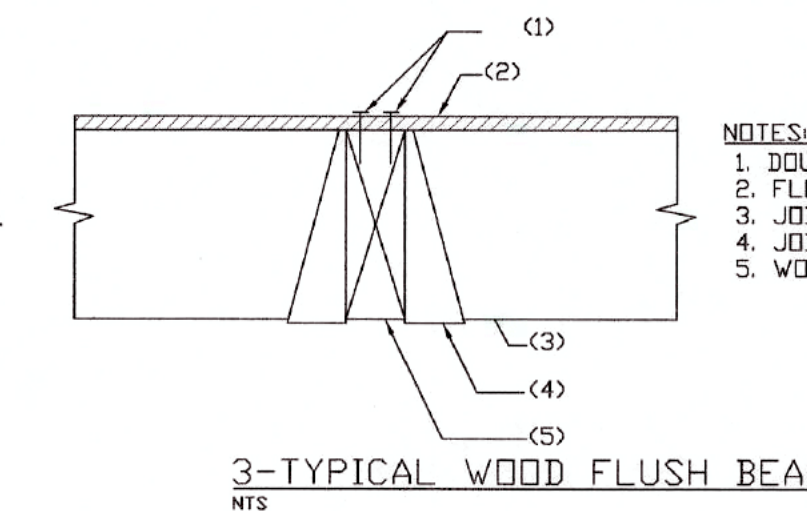
5-TYPICAL SPLICE OF WOOD TOP PLATE. NTS



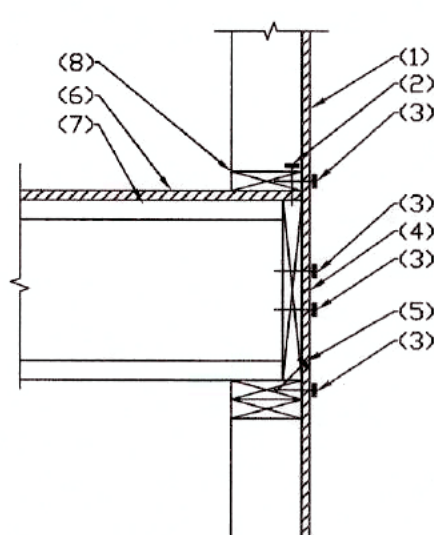
9-JOIST AT WOOD STUD WALL. NTS



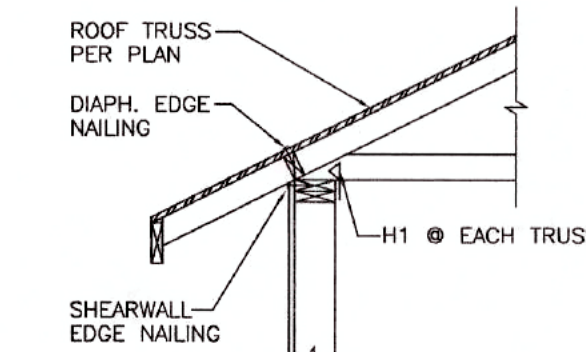
2-TYPICAL WOOD BEAM TO WOOD FRAMING. NTS



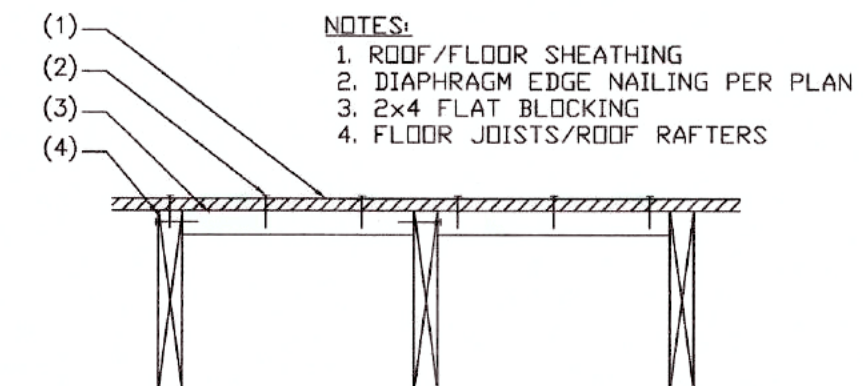
3-TYPICAL WOOD FLUSH BEAM. NTS



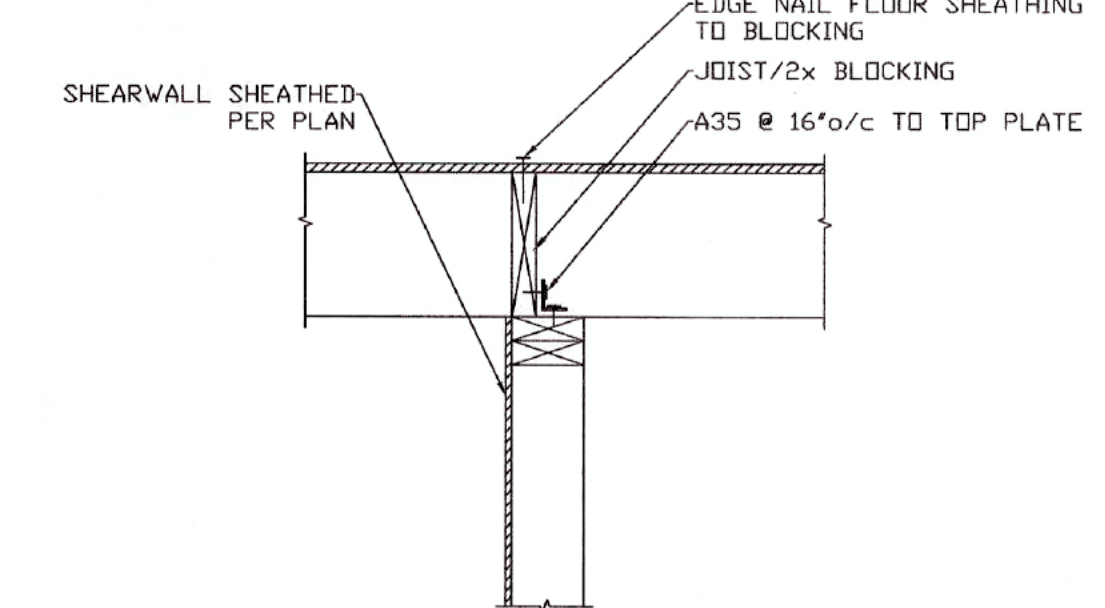
6-TYPICAL FLOOR TO FLOOR WALL CONN. NTS



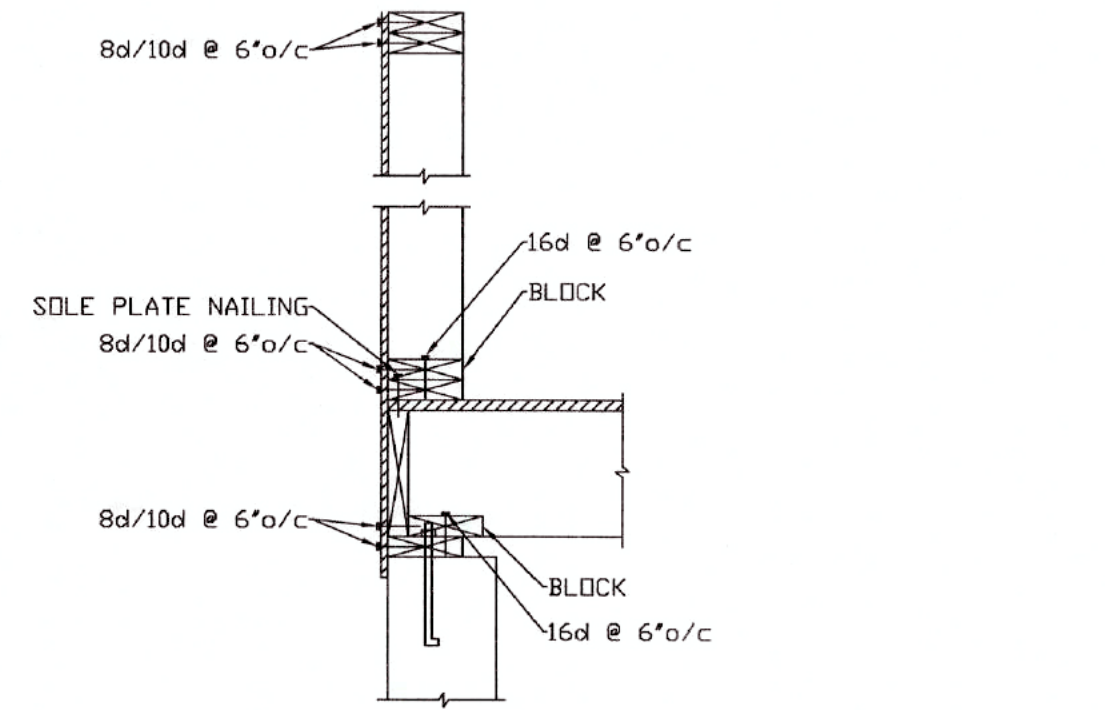
10-TRUSS TO SHEARWALL CONN. NTS



4-TYPICAL WOOD FLOOR/ROOF BLOCKING. NTS



7-FLOOR TO INT. SHEARWALL. NTS



11-TYPE 3/4/5 SHEARWALL EDGE NAILING. NTS

City of Puyallup
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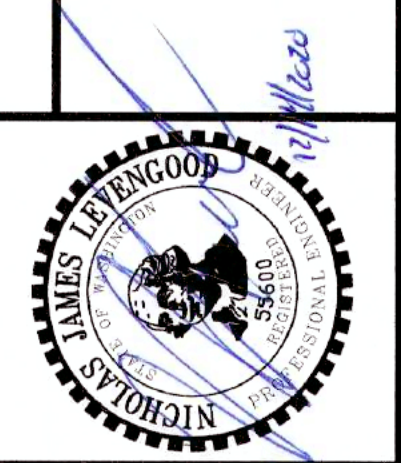
Building	Planning
Engineering	Public Works
Fire	Traffic

B-21-0070
CITY OF PUYALLUP

NO	DATE	BY	DESCRIPTION	REVISIONS			
				DESIGNED	DRAWN	CHECKED	APPROVED
				NIL	NIL	NIL	NIL
				NIL	NIL	NIL	NIL

Jeff Strobl and Kay Wong
1922 5th Avenue SW
Puyallup, WA 98371

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