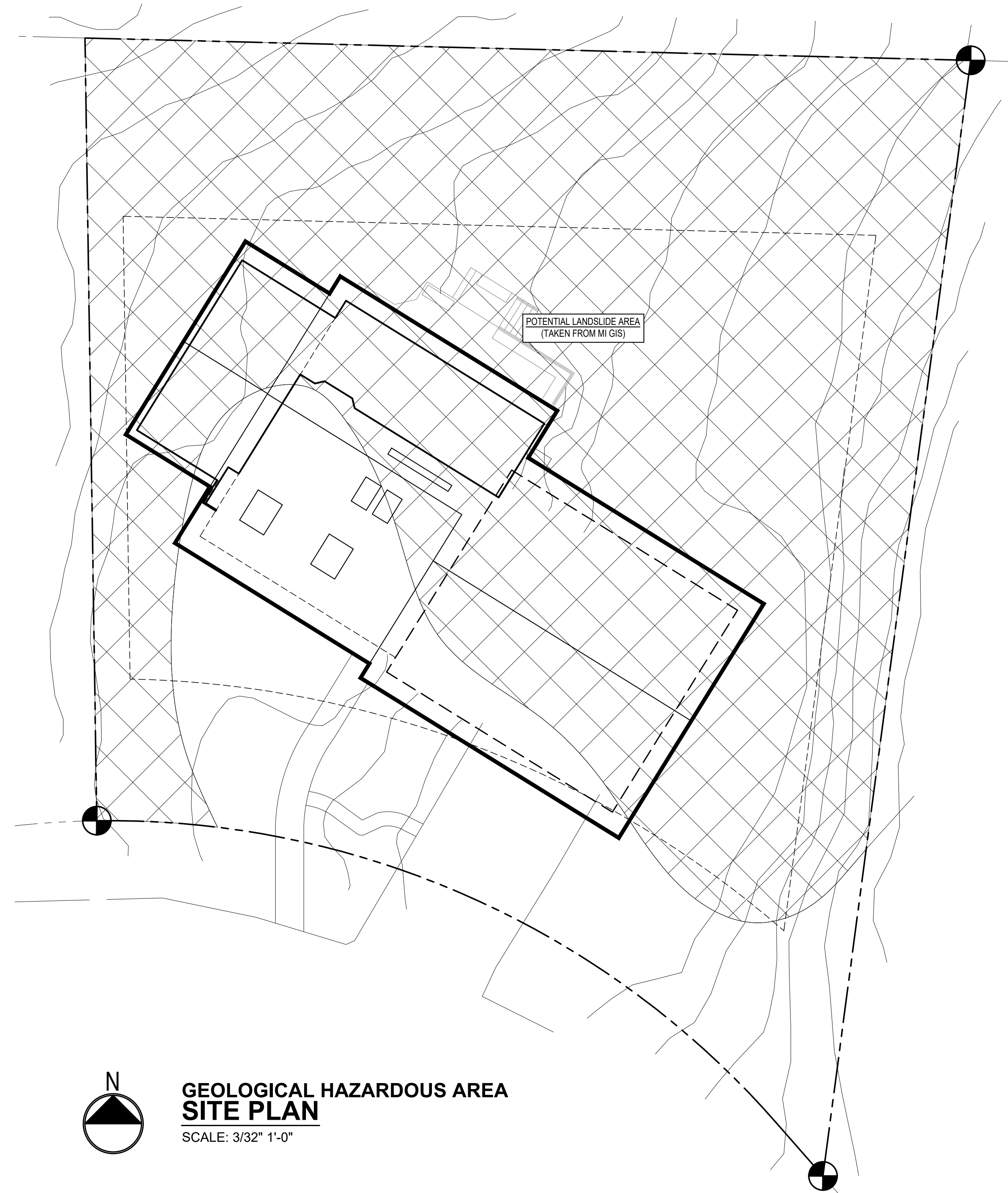


IMPERVIOUS SURFACE PLAN
SCALE: 1/8" 1'-0"



**GEOLOGICAL HAZARDOUS AREA
SITE PLAN**
SCALE: 3/32" 1'-0"

SCALE: IF SHEET IS LESS THAN 24" x 36" IT IS
A REDUCED PRINT, REDUCE SCALE ACCORDINGLY
CORRECTION SET 8/23/2023



www.sturmanarchitects.com
All Rights Reserved
© 2021

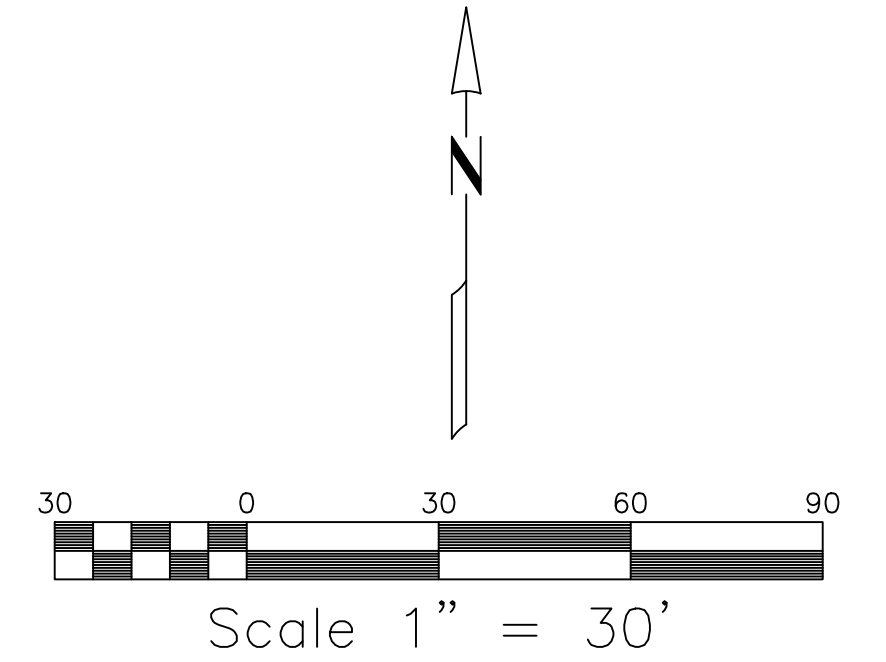
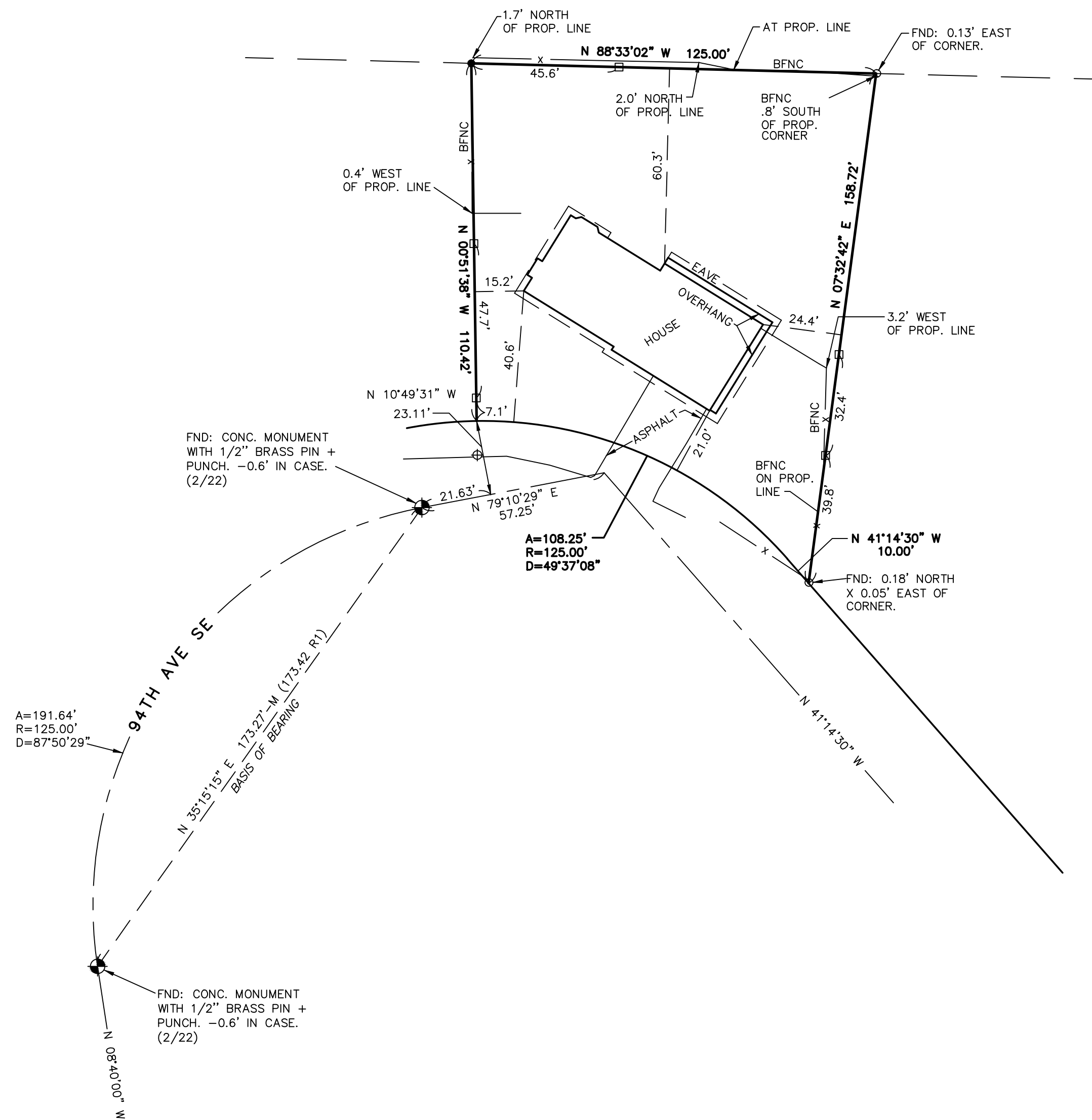
KNOTZ REMODEL
6020 94TH AVE SE
MERCER ISLAND, WA 98040

**NET IMPERVIOUS SURFACE
GEOLOGICAL HAZARD**

REVISIONS:

PLOT DATE: 8/24/2023
DRAWN BY: JM
CHECKED BY: BJS

SHEET
A1.1



MERIDIAN

PLAT OF TIMBERLAND NO. 7

BASIS OF BEARING

AS SHOWN

LEGEND

- SET 1/2" X 24" REBAR WITH 1 3/4" PLASTIC CAP STAMPED "TYEE LS 29276"
- SET HUB ON LINE
- ⊕ FOUND MAGNETIC NAIL WITH WASHER "PACE ENG." 10.55' SOUTH X 0.02' OF COMPUTED CORNER.
- FOUND 1/2" REBAR + CAP "GEO.-D LS 15025"
- (R) REFERENCE DISTANCE
- (M) MEASURED DISTANCE
- BFNC BOARD FENCE

EQUIPMENT & PROCEDURES

A 5" ELECTRONIC TOTAL STATION WAS USED FOR THIS FIELD TRAVERSE SURVEY. ACCURACY MEETS OR EXCEEDS W.A.C. 332-130-090.

REFERENCES

1. THE PLAT OF TIMBERLAND NO. 7, AS RECORDED IN VOLUME 73 OF PLATS, PAGES 90-91, RECORDS OF KING COUNTY, WASHINGTON.

LEGAL DESCRIPTION

PER STATUTORY WARRANTY DEED, RECORDING NO. 20170531000280, RECORDS OF KING COUNTY, WASHINGTON.
 LOT 3, BLOCK 3, TIMBERLAND NO. 7, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 73 OF PLATS, PAGES 90 AND 91, IN KING COUNTY, WASHINGTON.
 SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

PARCEL NUMBER 8651200190

SW1/4, SE1/4, SEC. 19, T. 24 N., R. 5 E., W.M.
 MERCER ISLAND, WASHINGTON

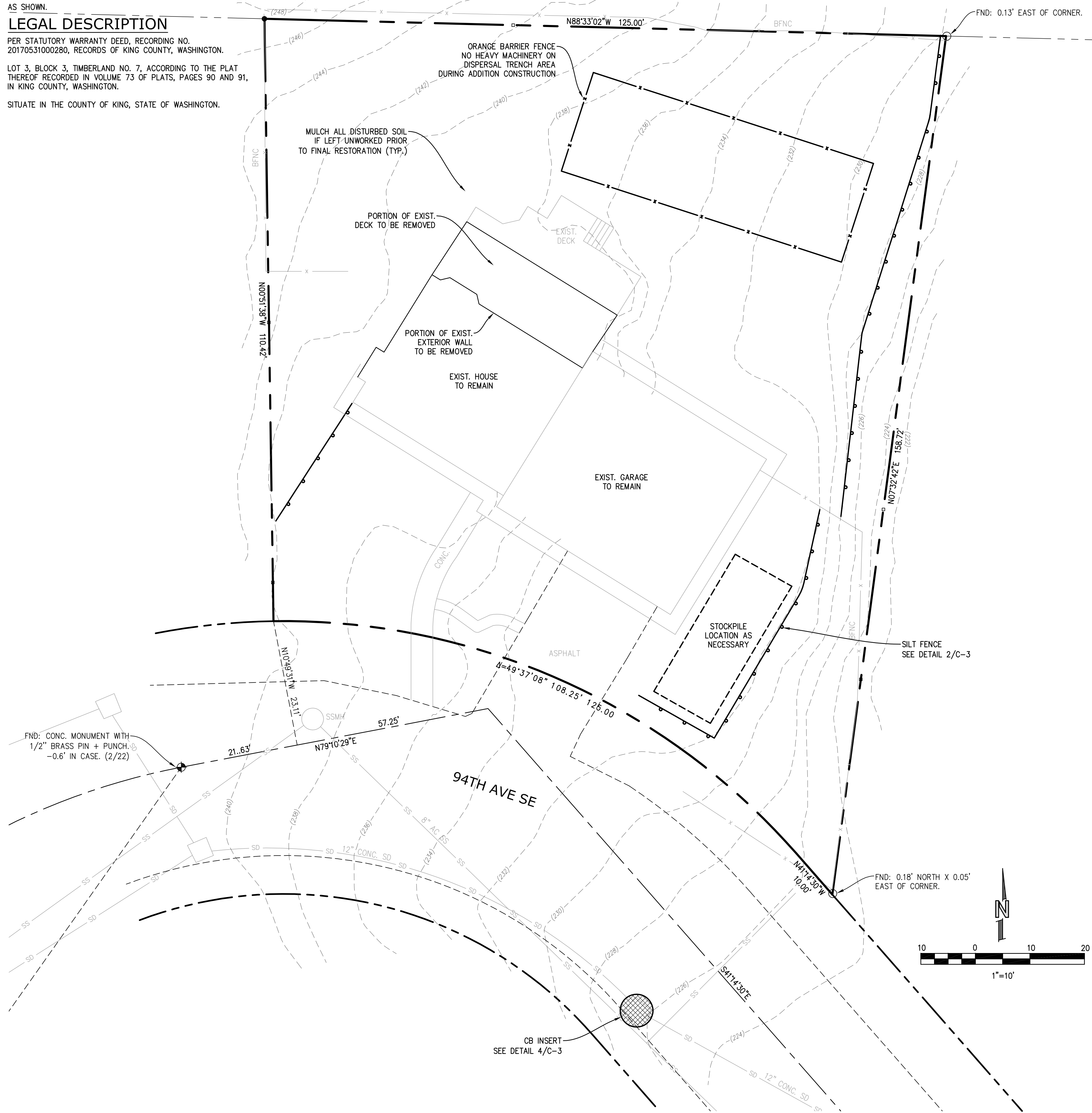


4/20/2022

Tyee Surveyors PROFESSIONAL LAND SURVEYORS 17544 MIDVALE AVE N, STE 107, SHORELINE WA. 98133 206.525.3660	
SCALE: 1"=30'	DRAWN BY: RG
DATE: 4/15/22	CHECK BY: TG
HADRIAN KNOTZ	
6020 94TH AVE SE MERCER ISLAND, WASHINGTON 98040	
SITE PLAN	DRAWING NUMBER 22021
SW1/4, SE1/4, SEC. 19, T. 24 N., R. 5 E., W.M.	

BASIS OF BEARINGS

AS SHOWN.
LEGAL DESCRIPTION
 PER STATUTORY WARRANTY DEED, RECORDING NO. 20170531000280, RECORDS OF KING COUNTY, WASHINGTON.
 LOT 3, BLOCK 3, TIMBERLAND NO. 7, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 73 OF PLATS, PAGES 90 AND 91, IN KING COUNTY, WASHINGTON.
 SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

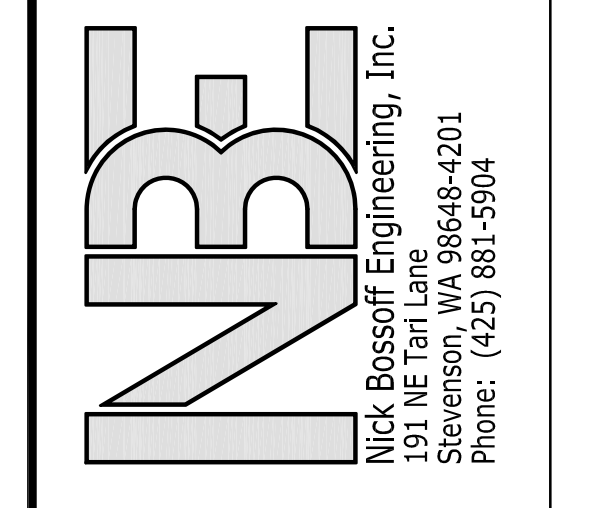
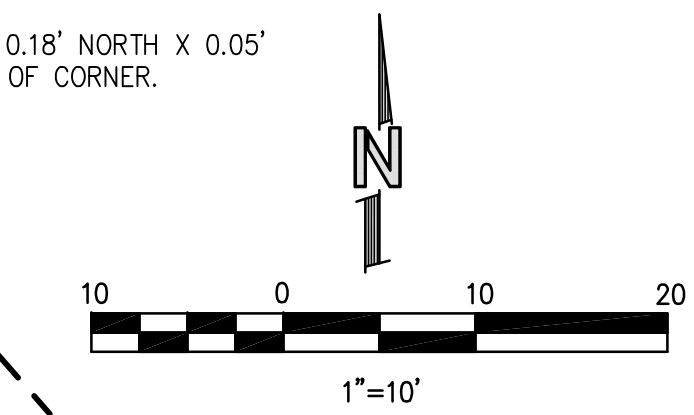


EROSION AND SEDIMENT CONTROL NOTES

- APPROVAL OF THIS EROSION AND SEDIMENT CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY A CONTINUOUS LENGTH OF SURVEY TAPE (OR FENCING, IF REQUIRED) PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES IS MINIMIZED.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G., ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.).
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/ESC SUPERVISOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES DURING THE WET SEASON (OCT. 1 TO APRIL 30) AND OF MONTHLY REVIEWS DURING THE DRY SEASON (MAY 1 TO SEPT. 30).
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
- ANY AREA NEEDING ESC MEASURES NOT REQUIRING IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.
- THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN FORTY-EIGHT (48) HOURS FOLLOWING A STORM EVENT.
- AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- STABILIZED CONSTRUCTION ENTRANCES AND ROADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- ANY PERMANENT FLOW CONTROL FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY.
- WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 2 TO 3 INCHES.
- PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON. A SKETCH MAP OF THOSE AREAS TO BE SEEDED AND THOSE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE DDES INSPECTOR. THE DDES INSPECTOR CAN REQUIRE SEEDING OF ADDITIONAL AREAS IN ORDER TO PROTECT SURFACE WATERS, ADJACENT PROPERTIES, OR DRAINAGE FACILITIES.

POLLUTION PREVENTION AND SPILL CONTROL

- STORAGE AND HANDLING OF LIQUIDS**
- MINIMIZE AMOUNT OF LIQUIDS STORED ON SITE.
 - STORE AND CONTAIN LIQUID MATERIALS IN SUCH A MANNER THAT IF A VESSEL IS RUPTURED OR LEAKS, THE CONTENTS WILL NOT DISCHARGE, FLOW, OR BE WASHED INTO THE STORM DRAINAGE SYSTEM, SURFACE WATERS, OR GROUNDWATER. TYPICALLY THIS MEANS INSTALLING SECONDARY CONTAINMENT, SUCH AS A LINED EXCAVATION, LARGER CONTAINER, OR USING A DOUBLE-WALLED TANK OR SIMILAR COMMERCIALLY AVAILABLE CONTAINMENT FACILITY.
 - PLACE TIGHT-FITTING LIDS ON ALL CONTAINERS.
 - ENCLOSE OR COVER THE CONTAINERS WHERE THEY ARE STORED TO PROTECT FROM RAIN. THE LOCAL FIRE DISTRICT MUST BE CONSULTED FOR LIMITATIONS ON CLEARANCE OF ROOF COVERS OVER CONTAINERS USED TO STORE FLAMMABLE MATERIALS.
 - RAISE THE CONTAINERS OFF THE GROUND BY USING A SPILL CONTAINMENT PALLET OR SIMILAR METHOD THAT HAS PROVISIONS FOR SPILL CONTROL.
 - PLACE DRIP PANS OR ABSORBENT MATERIALS BENEATH ALL MOUNTED CONTAINER TAPS, AND AT ALL POTENTIAL DRIP AND SPILL LOCATIONS DURING FILLING AND UNLOADING OF CONTAINERS. ANY COLLECTED LIQUIDS OR SOILED ABSORBENT MATERIALS MUST BE REUSED, RECYCLED, OR PROPERLY DISPOSED OF.
 - STORE AND MAINTAIN ABSORBENT PADS OR APPROPRIATE SPILL CLEANUP MATERIALS NEAR THE CONTAINER STORAGE AREA, IN A LOCATION KNOWN TO ALL. ENSURE THAT EMPLOYEES ARE FAMILIAR WITH THE SITE'S SPILL PLAN AND/OR PROPER SPILL CLEANUP PROCEDURES.
 - CHECK CONTAINERS (AND ANY CONTAINMENT SUMPS) DAILY FOR LEAKS AND SPILLS. REPLACE CONTAINERS THAT ARE LEAKING, CORRODED, OR OTHERWISE DETERIORATING. IF THE LIQUID CHEMICALS ARE CORROSIVE, CONTAINERS MADE OF COMPATIBLE MATERIALS MUST BE USED INSTEAD OF METAL DRUMS. NEW OR SECONDARY CONTAINERS MUST BE LABELED WITH THE PRODUCT NAME AND HAZARDS.
 - PLACE DRIP PANS OR ABSORBENT MATERIALS BENEATH A CONTAINER THAT IS FOUND TO BE LEAKING. REMOVE THE DAMAGED CONTAINER AS SOON AS POSSIBLE. MOP UP THE SPILLED LIQUID WITH ABSORBENT PADS OR RAGS. ANY COLLECTED LIQUIDS OR SOILED ABSORBENT MATERIALS MUST BE REUSED, RECYCLED, OR PROPERLY DISPOSED OF.
- FUELING**
- LOCATE THE FUELING OPERATION TO ENSURE LEAKS OR SPILLS WILL NOT DISCHARGE, FLOW, OR BE WASHED INTO THE STORM DRAINAGE SYSTEM, SURFACE WATER, OR GROUNDWATER.
 - USE DRIP PANS OR ABSORBENT PADS TO CAPTURE DRIPS OR SPILLS DURING FUELING OPERATIONS.
 - IF FUELING IS DONE DURING EVENING HOURS, LIGHTING MUST BE PROVIDED.
 - STORE AND MAINTAIN APPROPRIATE SPILL CLEANUP MATERIALS IN THE MOBILE FUELING VEHICLE. ENSURE THAT EMPLOYEES ARE FAMILIAR WITH PROPER SPILL CONTROL AND CLEANUP PROCEDURES.
 - IMMEDIATELY MOP UP ANY SPILLED FUEL WITH ABSORBENT PADS OR RAGS. ANY COLLECTED LIQUIDS OR SOILED ABSORBENT MATERIALS MUST BE REUSED, RECYCLED, OR PROPERLY DISPOSED OF.
 - CONCRETE SAW CUTTING, SLURRY, AND WASHWATER DISPOSAL
 - SLURRY FROM SAW CUTTING THE SIDEWALK SHALL BE VACUUMED SO THAT IT DOES NOT ENTER NEARBY STORM DRAINS.
 - CONCRETE TRUCK CHUTES, PUMPS, AND INTERNALS SHALL BE WASHED OUT ONLY INTO FORMED AREAS AWAITING INSTALLATION OF CONCRETE.
 - UNUSED CONCRETE REMAINING IN THE TRUCK AND PUMP SHALL BE RETURNED TO THE ORIGINATING BATCH PLANT FOR RECYCLING.
 - HAND TOOLS INCLUDING, BUT NOT LIMITED, SCREEDS, SHOVELS, RAKES, FLOATS, AND TROWELS SHALL BE WASHED OFF ONLY INTO FORMED AREAS AWAITING INSTALLATION OF CONCRETE OR IMPERMEABLE ASPHALT.
 - EQUIPMENT THAT CANNOT BE EASILY MOVED, SUCH AS CONCRETE PAVERS, SHALL ONLY BE WASHED IN AREAS THAT DO NOT DIRECTLY DRAIN TO NATURAL OR CONSTRUCTED STORMWATER CONVEYANCES.
 - WASHDOWN FROM AREAS SUCH AS CONCRETE AGGREGATE DRIVEWAY SHALL NOT DRAIN DIRECTLY TO NATURAL OR CONSTRUCTED STORMWATER CONVEYANCES.
 - WHEN NO FORMED AREAS ARE AVAILABLE, WASHWATER AND LEFTOVER PRODUCT SHALL BE CONTAINED IN A LINED CONTAINER. CONTAINED CONCRETE SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT VIOLATE GROUNDWATER OR SURFACE WATER QUALITY STANDARDS.
 - CONTAINERS SHALL BE CHECKED FOR HOLES IN THE LINER DAILY DURING CONCRETE POURS AND REPLACED THE SAME DAY.



NO.	DATE	REVISION
1	08/21/23	PERMIT SUBMITAL

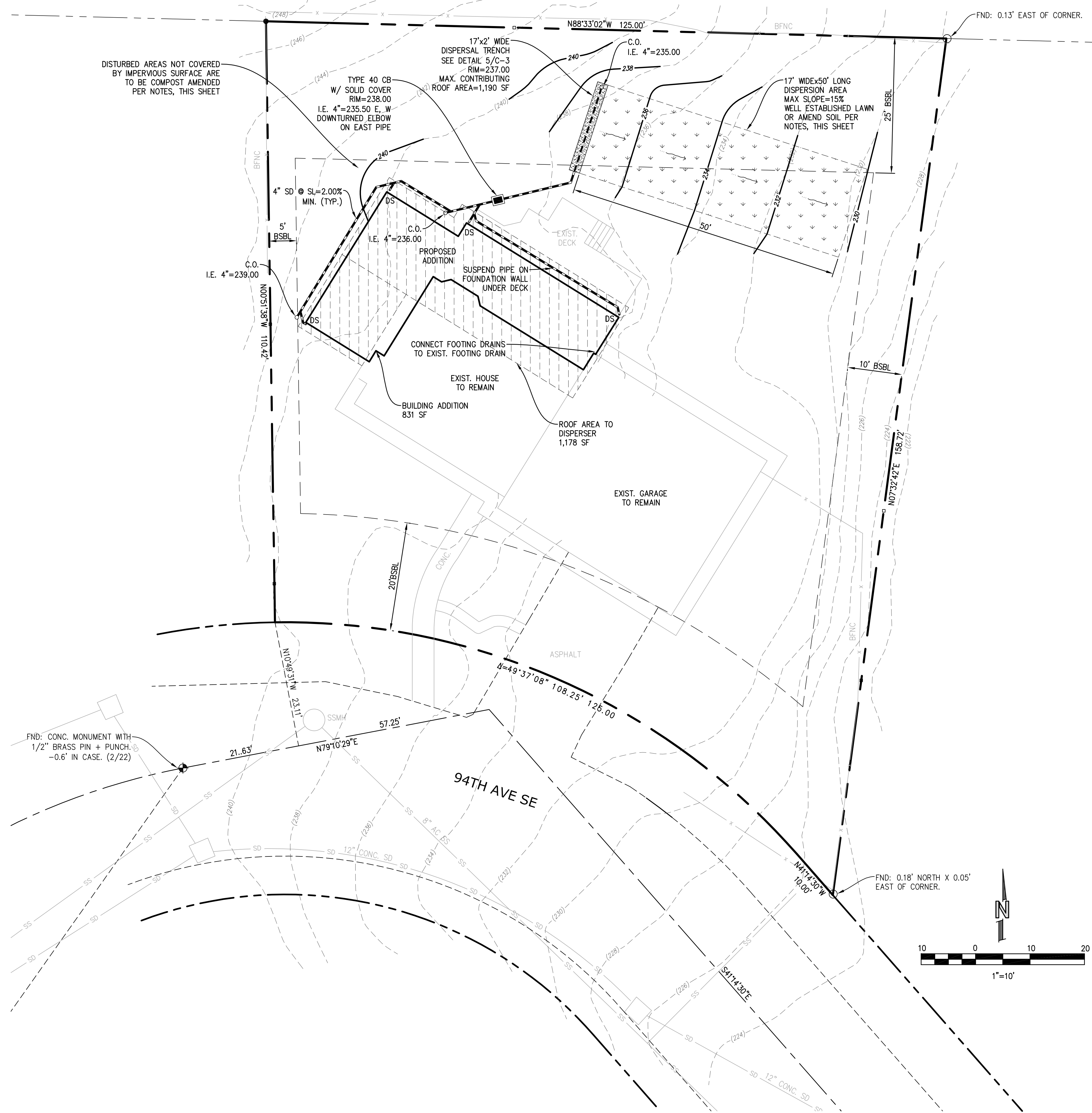
PROJECT MANAGER: N. BOSSOFF, P.E.
 DESIGNED: NB
 DRAWN: TKB
 JOB NUMBER: SARC-2204
 FILE NAME: SARC-2204p1n.dwg

KNOTZ REMODEL
6020 94TH AVE SE

WASHINGTON
 MERCER ISLAND

TITLE: T.E.S.C. PLAN
 SHEET: C-1

CALL 48 HOURS BEFORE YOU DIG
 1-800-424-5555

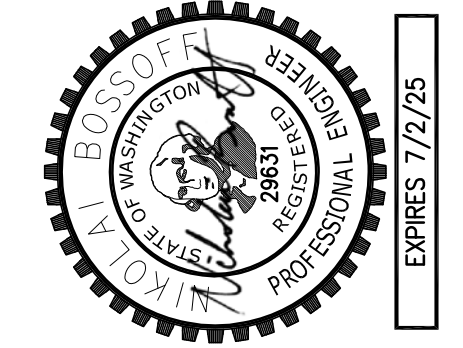
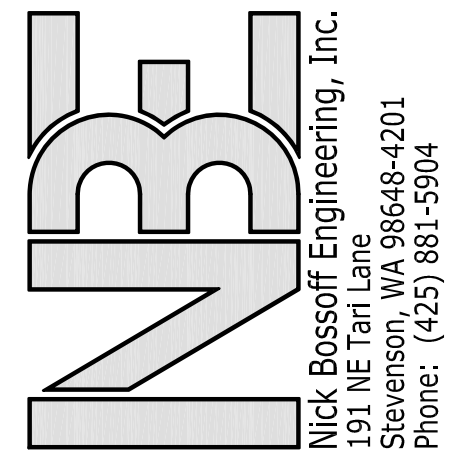


POST-CONSTRUCTION SOIL QUALITY AND DEPTH NOTES

- A. SOIL RETENTION. RETAIN, IN AN UNDISTURBED STATE, THE DUFF LAYER AND NATIVE TOPSOIL TO THE MAXIMUM EXTENT PRACTICABLE. IN AREAS REQUIRING GRADING REMOVE AND STOCKPILE THE DUFF LAYER AND TOPSOIL ON SITE IN A DESIGNATED, CONTROLLED AREA, NOT ADJACENT TO PUBLIC RESOURCES AND CRITICAL AREAS, TO BE REAPPLIED TO OTHER PORTIONS OF THE SITE WHERE FEASIBLE.
- B. SOIL QUALITY. ALL AREAS SUBJECT TO CLEARING AND GRADING THAT HAVE NOT BEEN COVERED BY IMPERVIOUS SURFACE, INCORPORATED INTO A DRAINAGE FACILITY OR ENGINEERED AS STRUCTURAL FILL OR SLOPE SHALL, AT PROJECT COMPLETION, DEMONSTRATE THE FOLLOWING:
 1. A TOPSOIL LAYER WITH A MINIMUM ORGANIC MATTER CONTENT OF 10% DRY WEIGHT IN PLANTING BEDS, AND 5% ORGANIC MATTER CONTENT IN TURF AREAS, AND A PH FROM 6.0 TO 8.0 OR MATCHING THE PH OF THE UNDISTURBED SOIL. THE TOPSOIL LAYER SHALL HAVE A MINIMUM DEPTH OF EIGHT INCHES EXCEPT WHERE TREE ROOTS LIMIT THE DEPTH OF INCORPORATION OF AMENDMENTS NEEDED TO MEET THE CRITERIA. SUBSOILS BELOW THE TOPSOIL LAYER SHOULD BE SCARIFIED AT LEAST 4 INCHES WITH SOME INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE.
 2. MULCH PLANTING BEDS WITH 2 INCHES OF ORGANIC MATERIAL.
 3. USE COMPOST AND OTHER MATERIALS THAT MEET THESE ORGANIC CONTENT REQUIREMENTS:
 - A. THE ORGANIC CONTENT FOR "PRE-APPROVED" AMENDMENT RATES CAN BE MET ONLY USING COMPOST MEETING THE DEFINITION OF "COMPOSTED MATERIALS" IN WAC 173-350-220, WITH THE EXCEPTION THAT THE COMPOST MAY HAVE UP TO 35% BIOSOLIDS OR MANURE. THE COMPOST MUST ALSO HAVE AN ORGANIC MATTER CONTENT OF 40% TO 65%, AND A CARBON TO NITROGEN RATIO BELOW 25:1. THE CARBON TO NITROGEN RATIO MAY BE AS HIGH AS 35:1 FOR PLANTINGS COMPOSED ENTIRELY OF PLANTS NATIVE TO THE PUGET SOUND LOWLANDS REGION.
 - B. CALCULATED AMENDMENT RATES MAY BE MET THROUGH USE OF COMPOSTED MATERIAL MEETING (A.) ABOVE; OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATIO REQUIREMENTS, AND NOT EXCEEDING THE CONTAMINANT LIMITS IDENTIFIED IN TABLE 220-B, TESTING PARAMETERS, IN WAC 173-350-220.
 4. THE RESULTING SOIL SHOULD BE CONDUIVE TO THE TYPE OF VEGETATION TO BE ESTABLISHED.
- C. IMPLEMENTATION OPTIONS: THE SOIL QUALITY DESIGN GUIDELINES LISTED ABOVE CAN BE MET BY USING ONE OF THE METHODS LISTED BELOW:
 1. LEAVE UNDISTURBED NATIVE VEGETATION AND SOIL AND PROTECT FROM COMPACTION DURING CONSTRUCTION.
 2. AMEND EXISTING SITE TOPSOIL OR SUBSOIL EITHER AT DEFAULT "PREAPPROVED" RATES, OR AT CUSTOM CALCULATED RATES BASED ON TESTS OF THE SOIL AND AMENDMENT.
 3. STOCKPILE EXISTING TOPSOIL DURING GRADING AND REPLACE IT PRIOR TO PLANTING. STOCKPILED TOPSOIL MUST ALSO BE AMENDED IF NEEDED TO MEET THE ORGANIC MATTER OR DEPTH REQUIREMENTS, EITHER AT A DEFAULT "PRE-APPROVED" RATE OR AT A CUSTOM CALCULATED RATE.
 4. IMPORT TOPSOIL MIX OF SUFFICIENT ORGANIC CONTENT AND DEPTH TO MEET THE REQUIREMENTS. MORE THAN ONE METHOD MAY BE USED ON DIFFERENT PORTIONS OF THE SAME SITE. SOIL THAT ALREADY MEETS THE DEPTH AND ORGANIC MATTER QUALITY STANDARDS, AND IS NOT COMPACTIONED, DOES NOT NEED TO BE AMENDED.

ADDITIONAL NOTES:

1. ALL CONSTRUCTION MATERIALS AND PRACTICE SHALL CONFORM TO THE CITY OF MERCER ISLAND STANDARDS AND THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARDS.
2. EXISTING UTILITIES AS SHOWN ARE FROM CITY RECORDS AND ARE APPROXIMATE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO IDENTIFY, LOCATE AND PROTECT ABOVE AND BELOW GRADE UTILITIES. CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION IF A CONFLICT EXISTS BETWEEN EXISTING UTILITIES AND THE PROPOSED IMPROVEMENTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR EROSION AND SEDIMENTATION CONTROL AND SHALL MAINTAIN THE NECESSARY SAFEGUARDS AND MANAGE THE CONSTRUCTION SO AS TO PREVENT WATERBORNE SEDIMENTS FROM LEAVING THE SITE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR.
5. ON-SITE PRIVATE STORM AND SEWER PIPE SHALL BE SOLVENT WELDED SCHEDULE 40 PVC OR PVC ASTM D3034 SDR35 UNLESS SHOWN OTHERWISE. PVC PIPE LAID AT A SLOPE IN EXCESS OF 20% SHALL BE SOLVENT WELDED SCHEDULE 40 PVC. STORM PIPE IN THE RIGHT-OF-WAY SHALL BE HIGH-DENSITY POLYETHYLENE DOUBLE-WALLED SMOOTH INTERIOR PIPE SUCH AS ADS N-12 OR EQUIVALENT.
6. FOOTING DRAINS SHALL BE INSTALLED AROUND THE BASE OF ALL FOUNDATION FOOTINGS THAT ENCLOSE A CRAWL SPACE, CELLAR, BASEMENT, GARAGE OR OTHER BUILDING SPACE. FOOTING DRAINS SHALL BE PERFORATED 4-INCH DIAMETER PVC CONFORMING TO D2729, PERFORATIONS DOWN. GRANULAR BACKFILL SHALL BE PLACED AROUND AND ABOVE THE DRAIN TO A DEPTH OF 2/3 OF THE WALL HEIGHT. FILTER FABRIC (MIRAFI 140N OR EQUIVALENT) SHALL BE PLACED BETWEEN THE GRANULAR BACKFILL AND NATIVE SOILS. TIE THE FOOTING DRAIN INTO THE STORM LINE AT A LOCATION WHERE THE FOOTING DRAIN ELEVATION IS AT LEAST 12-INCHES ABOVE THE STORM LINE.
7. EXISTING SIDE SEWER AND STORM DRAIN DEPTH AND LOCATION SHALL BE DETERMINED PRIOR TO ANY CONSTRUCTION, INCLUDING BUILDING CONSTRUCTION. REPORT CONFLICTS WITH PROPOSED CONSTRUCTION TO ENGINEER. NEW SIDE SEWER CONNECTION TO MAIN OR SEWER EJECTOR PUMP MAY BE NECESSARY FOR BASEMENT.
8. PROPOSED METER LOCATION, IF SHOWN, IS APPROXIMATE. CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SERVICE/METER/ SUPPLY LINE WITH CITY WATER DEPARTMENT DURING CONSTRUCTION.
9. EACH DOWNSPOUT SHALL CONNECT TO A RIGID NON-PERFORATED PIPE AT THE BUILDING PERIMETER. UNDER NO CIRCUMSTANCES SHALL DOWNSPOUTS CONNECT DIRECTLY TO THE PERFORATED FOOTING DRAIN.
10. USE SAND COLLARS FOR PVC PIPE CONNECTIONS TO MANHOLES.
11. VERTICAL BENDS ON THE STORM DRAINS MAY BE NECESSARY TO MAINTAIN MIN. 1.5' SOIL COVER OVER PIPE. MAX. PIPE BENDS TO BE 45'.
12. DOWNSPOUT LOCATIONS SHOWN ARE PRELIMINARY. REFER TO ARCHITECTURAL PLANS FOR FINAL DOWNSPOUT LOCATIONS.
13. AN UNDERSLAB DRAINAGE SYSTEM MAY BE NECESSARY DEPENDENT ON GEOTECHNICAL EVALUATION BY OTHERS.
14. WINDOW WELLS SHALL BE DESIGNED FOR PROPER DRAINAGE BY CONNECTING TO THE BUILDING'S FOUNDATION DRAINAGE SYSTEM REQUIRED PER SECTION R310.2.3.2 OF THE INTERNATIONAL RESIDENTIAL CODE. A DRAINAGE SYSTEM FOR WINDOW WELLS IS NOT REQUIRED WHERE THE FOUNDATION IS ON WELL-DRAINED SOIL OR SAND-GRAVEL MIXTURE SOILS IN ACCORDANCE WITH THE UNITED SOIL CLASSIFICATION SYSTEM, GROUP 1 SOILS, AS DETAILED IN TABLE R405.1 OF THE IRC.



NO.	REVISION
DATE	PERMIT SUBMITTAL
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
N. BOSSOFF, P.E.	PROJECT MANAGER
NB	DESIGNED
TKB	DRAWN
SARC-2204	JOB NUMBER
SARC-2204p1n.dwg	FILE NAME

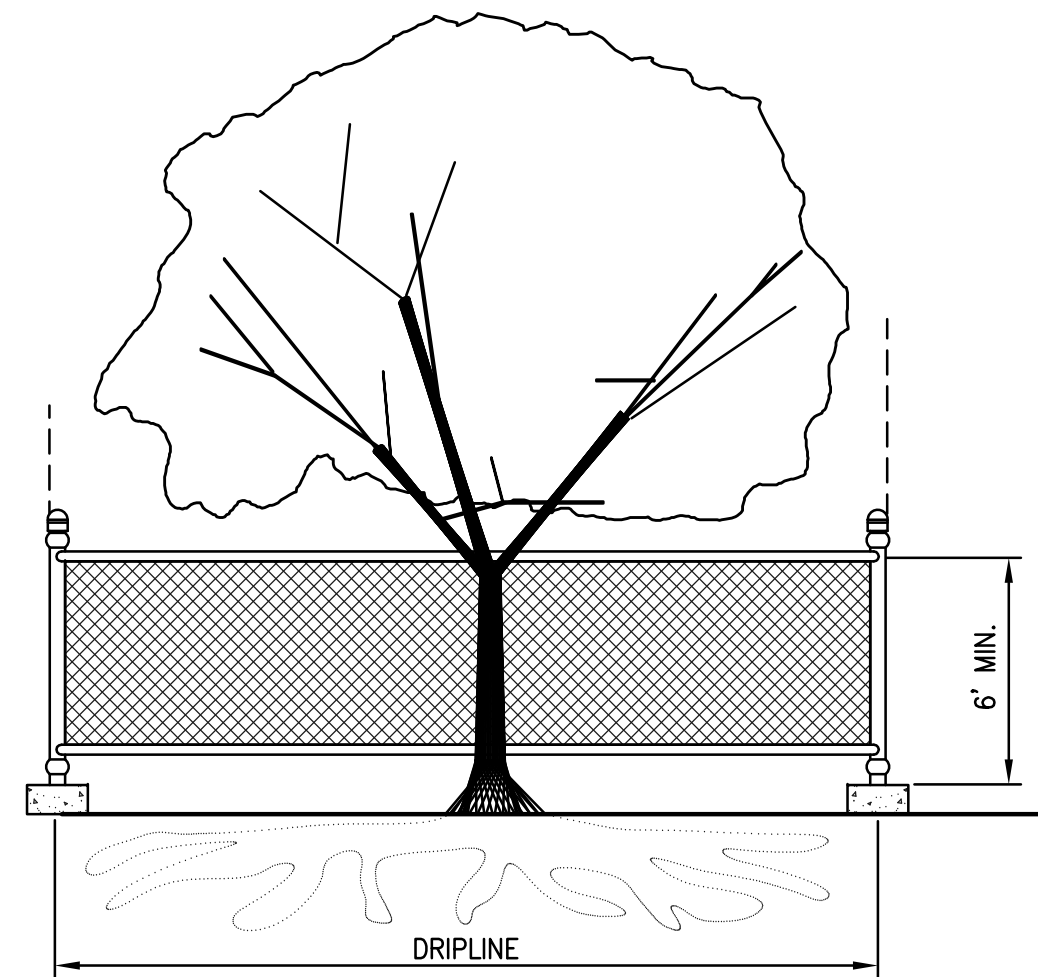
**KNOTZ REMODEL
6020 94TH AVE SE**

DRAINAGE PLAN

C-2

WASHINGTON

MERCER ISLAND



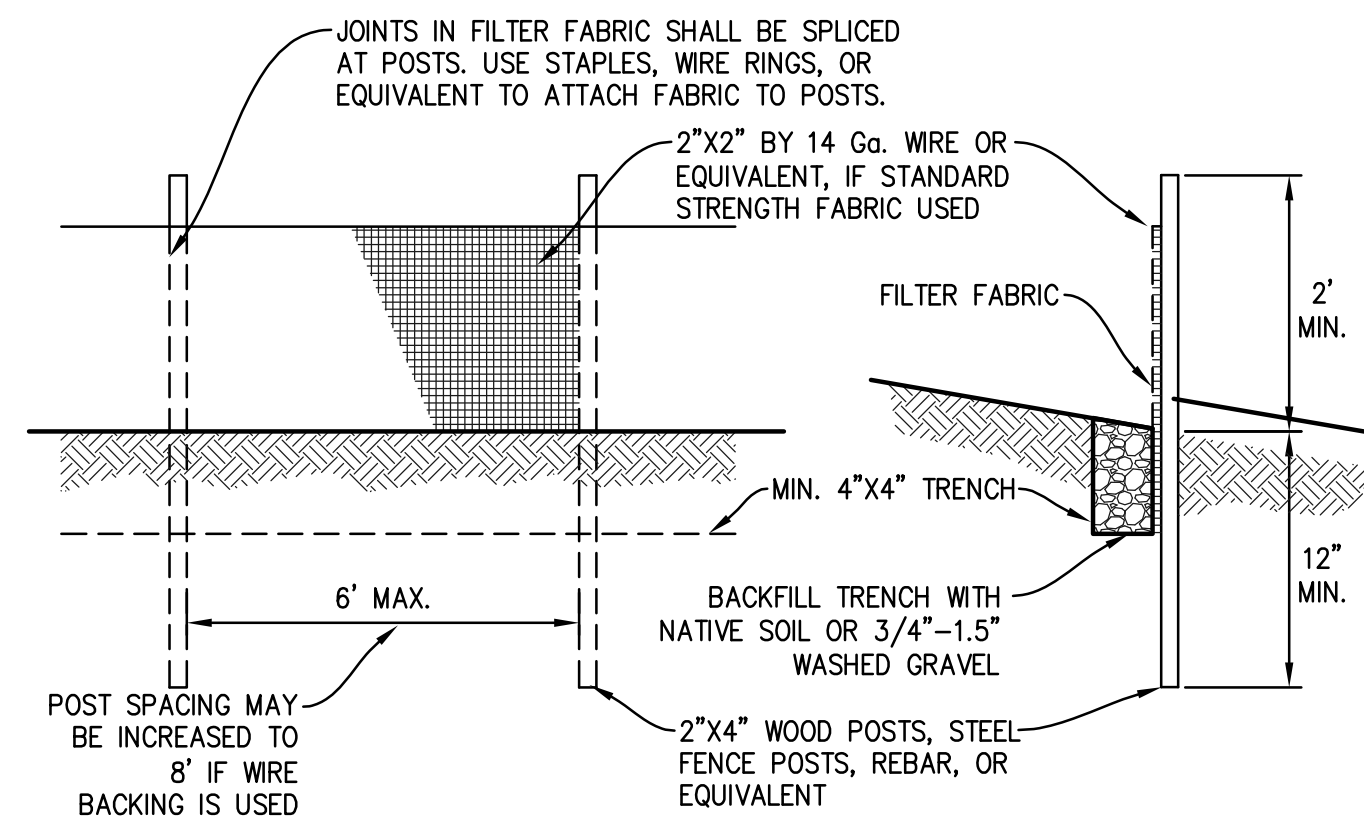
TREE PROTECTION DURING CONSTRUCTION

- 6-FT. HIGH TEMPORARY CHAIN LINK FENCE SHALL BE PLACED AT THE DRIPLINE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENIRCLE THE TREE(S). INSTALL FENCE POSTS USING PIER BLOCKS ONLY. AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
- FOR ROOTS OVER 1-IN DIA. THAT ARE DAMAGED DURING CONSTRUCTION, MAKE A CLEAN, STRAIGHT CUT TO REMOVE THE DAMAGED PORTION. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH DAMP BURLAP TO PREVENT DRYING, AND SHALL BE COVERED WITH SOIL AS SOON AS POSSIBLE.
- WORK WITHIN PROTECTION FENCE SHALL BE DONE MANUALLY. NO STOCKPIILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMIT OF THE FENCING.

TREE PROTECTION

SCALE: NTS

1



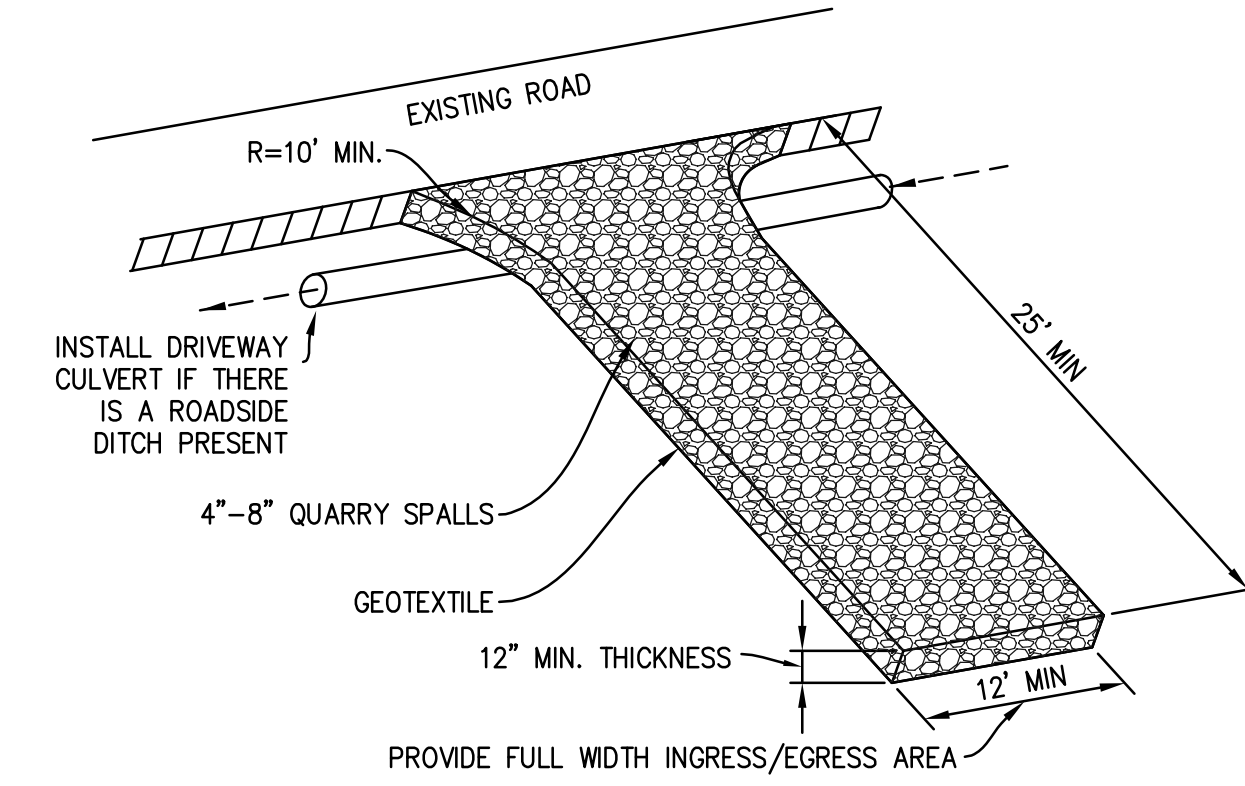
MAINTENANCE STANDARDS

- ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
- IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT TRAP OR POND.
- IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGN OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCUR, REPLACE THE FENCE AND/OR REMOVE THE TRAPPED SEDIMENT.
- SEDIMENT MUST BE REMOVED WHEN THE SEDIMENT IS 6" HIGH.
- IF THE FILTER FABRIC HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.

SILT FENCE

SCALE: NTS

2



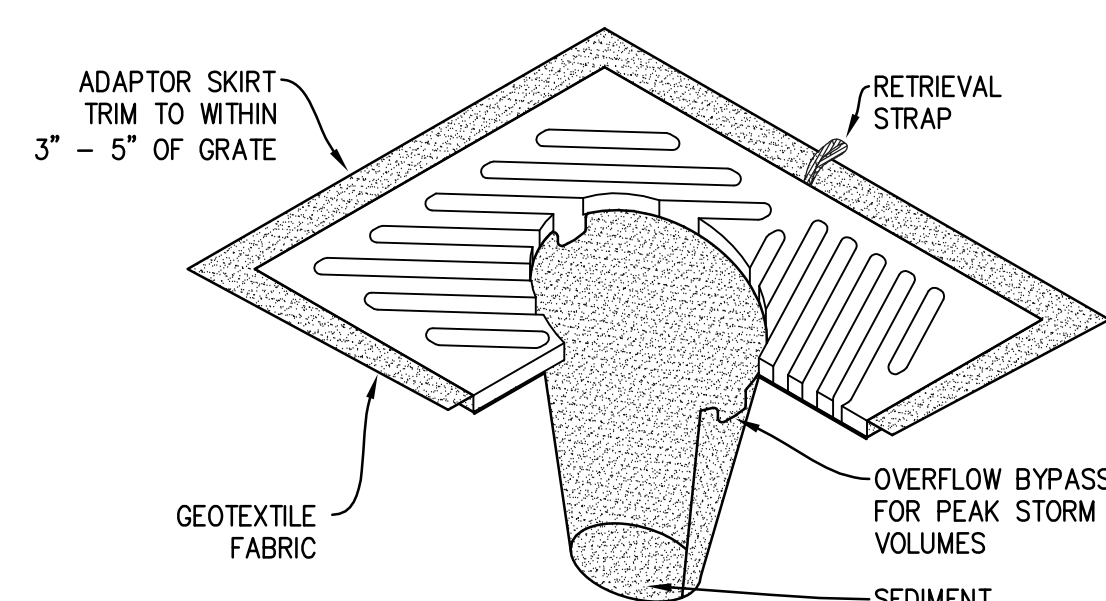
MAINTENANCE STANDARDS

- QUARRY SPALLS (OR HOG FUEL) SHALL BE ADDED IF THE PAD IS NO LONGER IN ACCORDANCE WITH THE SPECIFICATIONS.
- IF THE ENTRANCE IS NOT PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT, THEN ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING, AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH. IF WASHING IS USED, IT SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK, AND WASH WATER SHALL DRAIN TO A SEDIMENT TRAP OR POND.
- ANY SEDIMENT THAT IS TRACKED ONTO PAVEMENT SHALL BE REMOVED IMMEDIATELY BY SWEEPING. THE SEDIMENT COLLECTED BY SWEEPING SHALL BE REMOVED OR STABILIZED ON-SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET, EXCEPT WHEN SWEEPING IS INEFFECTIVE AND THERE IS A THREAT TO PUBLIC SAFETY. IF IT IS NECESSARY TO WASH THE STREET, THE CONSTRUCTION OF A SMALL SUMP SHALL BE CONSIDERED. THE SEDIMENT WOULD THEN BE WASHED INTO THE SUMP.
- ANY ROCK SPALLS THAT ARE LOOSENEED FROM THE PAD AND END UP ON THE ROADWAY SHALL BE REMOVED IMMEDIATELY.
- IF VEHICLES ARE ENTERING OR EXITING THE SITE AT POINTS OTHER THAN THE CONSTRUCTION ENTRANCE(S), FENCING (SECTION 5.4.1) SHALL BE INSTALLED TO CONTROL TRAFFIC.

ROCK CONSTRUCTION ENTRANCE

SCALE: NTS

3



NOTES

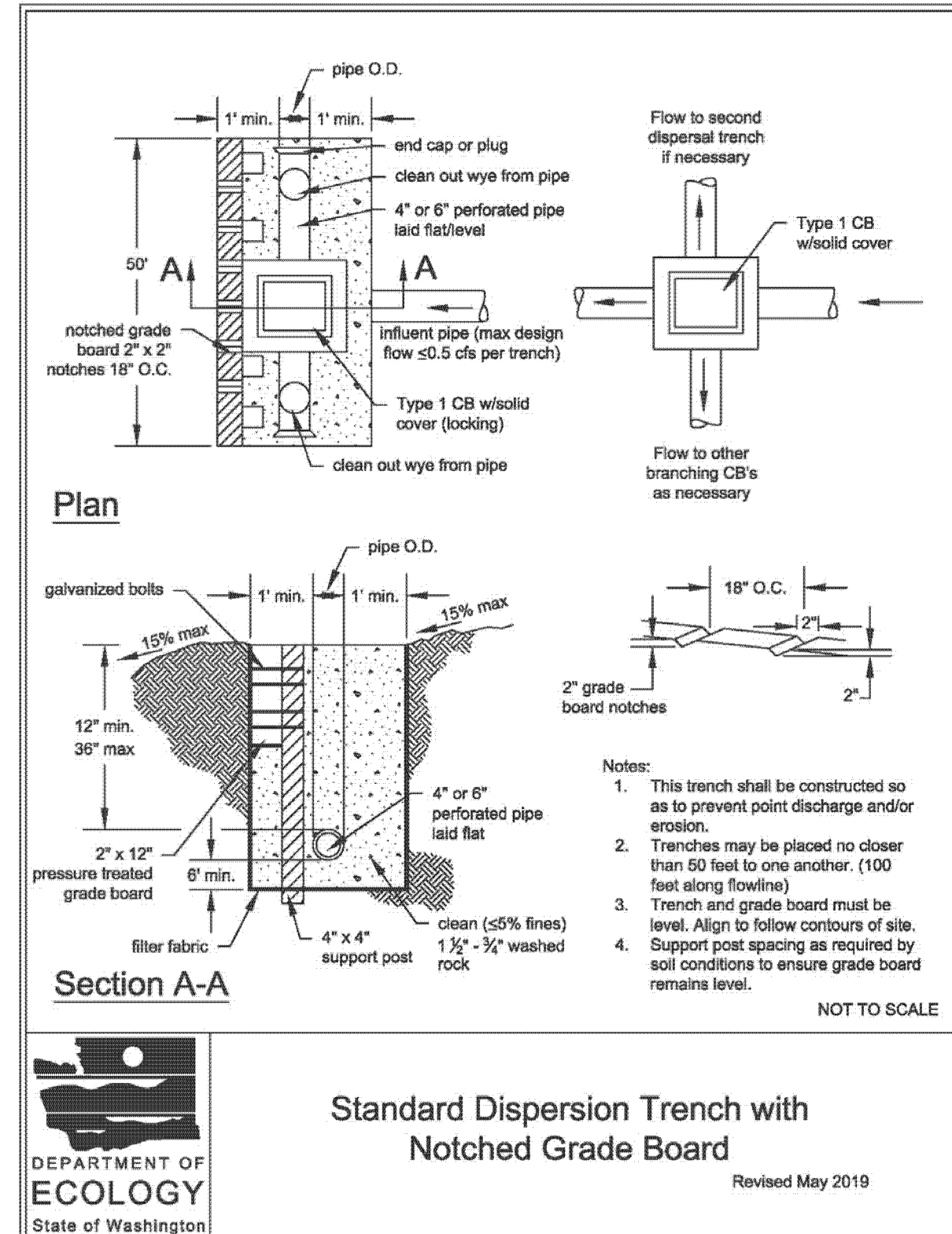
- INSERT SHALL BE INSTALLED PRIOR TO CLEARING AND GRADING ACTIVITY, OR UPON PLACEMENT OF A NEW CATCH BASIN.
- SEDIMENT SHALL BE REMOVED FROM THE UNIT WHEN IT BECOMES HALF FULL.
- SEDIMENT REMOVAL SHALL BE ACCOMPLISHED BY REMOVING THE INSERT, EMPTYING, AND RE-INSERTING IT INTO THE CATCH BASIN.

CB INSERT

SCALE: NTS

4

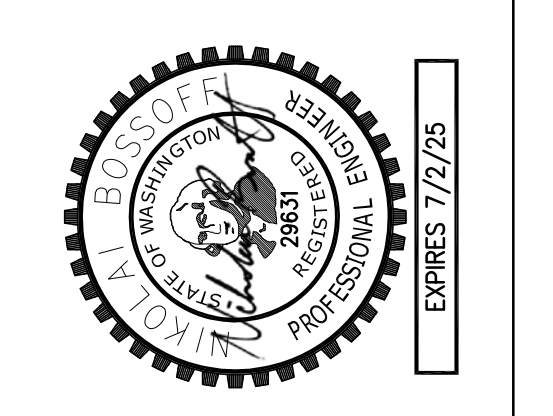
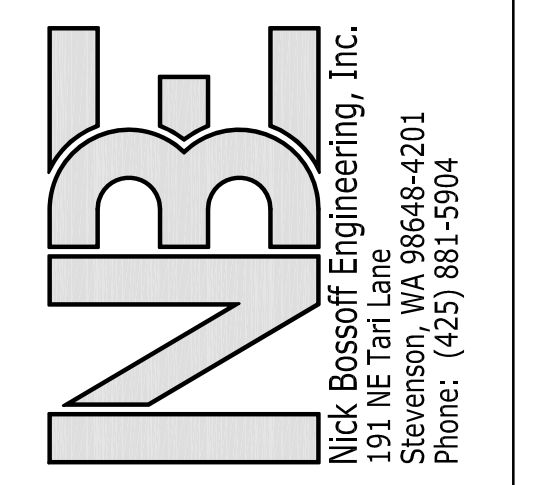
Figure V-4.5: Standard Dispersion Trench with Notched Grade Board



DISPERSAL TRENCH

SCALE: NTS

5



NO.	REVISION
DATE	PERMIT SUBMITTAL
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
N. BOSSOFF, P.E.	
PROJECT MANAGER:	
DESIGNED:	
T.K.B.	
DRAWN:	
SARC-2204	
JOB NUMBER:	
SARC-2204p1n.dwg	
FILE NAME:	

WASHINGTON

KNOTZ REMODEL
6020 94TH AVE SE

MERCER ISLAND

TITLE:
DETAILS

SHEET:
C-3

WALL PARTITION TYPES:

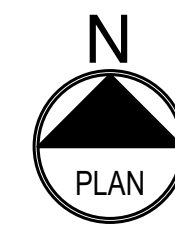
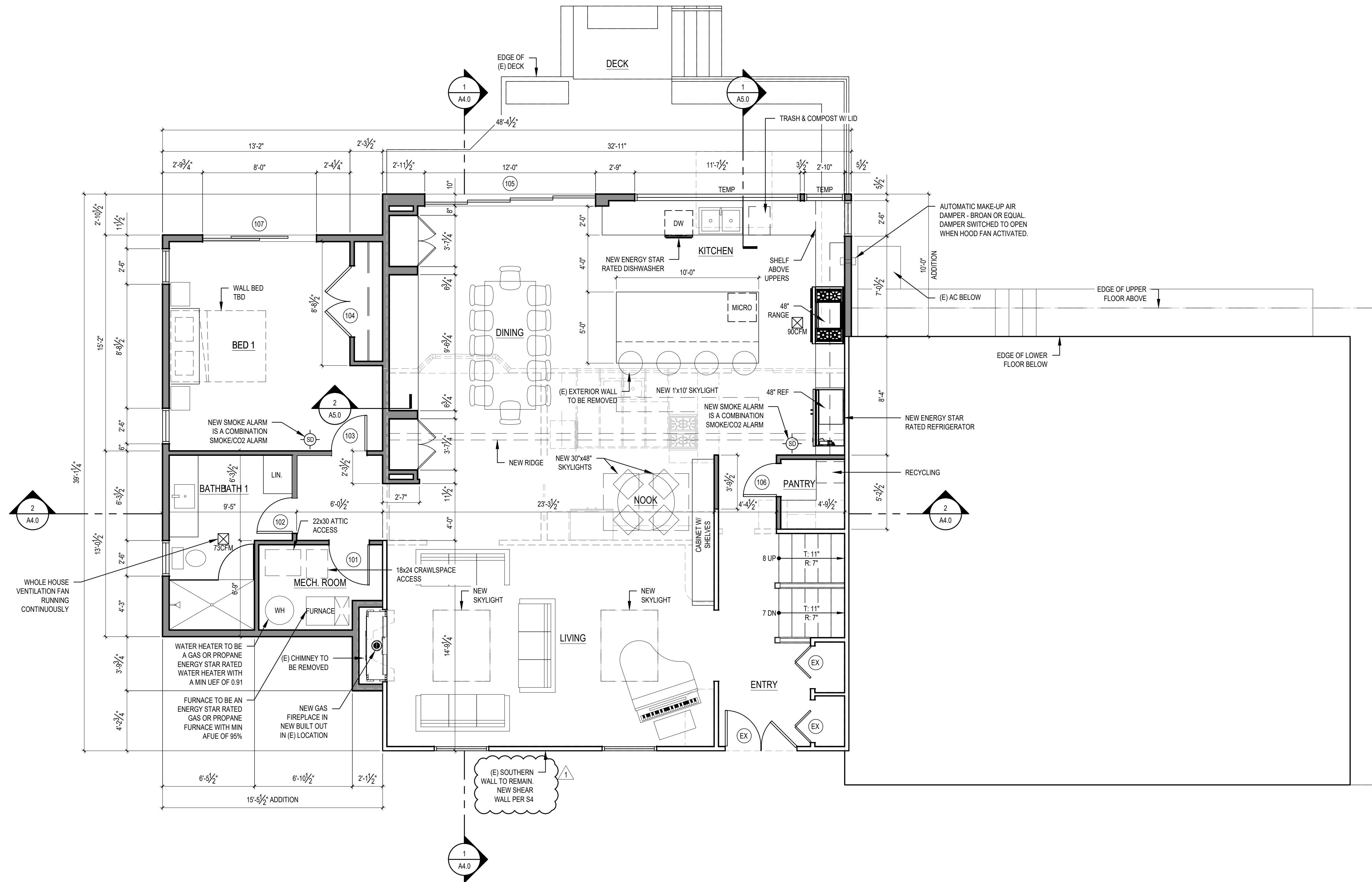
N.T.S. (SEE STRUCTURAL SHEETS FOR SHEARWALLS.)

TYPICAL EXTERIOR WALL
 EXTERIOR WALL FINISH OF (2)
 LAYERS 5/8" BLDG. PAPER @ 1/2"
 CDX PLYWOOD @ 2x6 WOOD
 STUDS AT 16" O.C. w/ 1/2"
 GYPSUM WALLBOARD AT INTERIOR. PROVIDE R-21 BATT
 INSULATION EXCEPT AROUND GARAGE.

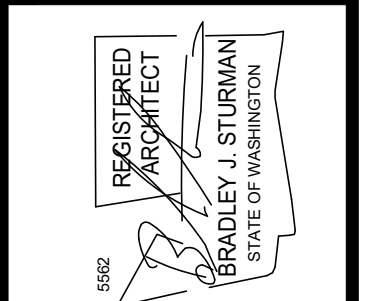
TYPICAL INTERIOR PARTITION
 U.N.O. ALL INTERIOR WALL SHALL BE 2x4 WOOD STUDS @
 16" O.C. w/ 1/2" GYPSUM WALLBOARD EACH SIDE.

TYPICAL FURRED WALL
 2" AIRSPACE. 2x4 P.T. WOOD STUDS @ 16" O.C. w/ 1/2"
 GYPSUM WALLBOARD AT INTERIOR. PROVIDE R-21 BATT
 INSULATION.

1HR. FIRE RATED WALL
 5/8" THK GWB, TYPE X' O/ 2x6 WD STUDS @ 16" O.C.
 PANELS NAILED 7" O.C. - 1 7/8" CEM CTD NAILS - JOINTS EXP
 OR FIN - PERIM CAULKED - UL DES U305 & U314 - JOINTS
 FIN



1 MAIN FLOOR PLAN
 SCALE: 1/4" = 1'-0"



www.sturmanarchitects.com
 All Rights Reserved
 © 2021

KNOTZ REMODEL
 6020 94TH AVE SE
 MERCER ISLAND, WA 98040

MAIN FLOOR PLAN

REVISIONS:

PLOT DATE: 8/24/2023
 DRAWN BY: JM
 CHECKED BY: BJS

SHEET
A2.0

SCALE: IF SHEET IS LESS THAN 24" x 36", IT IS
 A REDUCED PRINT, REDUCE SCALE ACCORDINGLY
 CORRECTION SET 8/23/2023

WALL PARTITION TYPES:

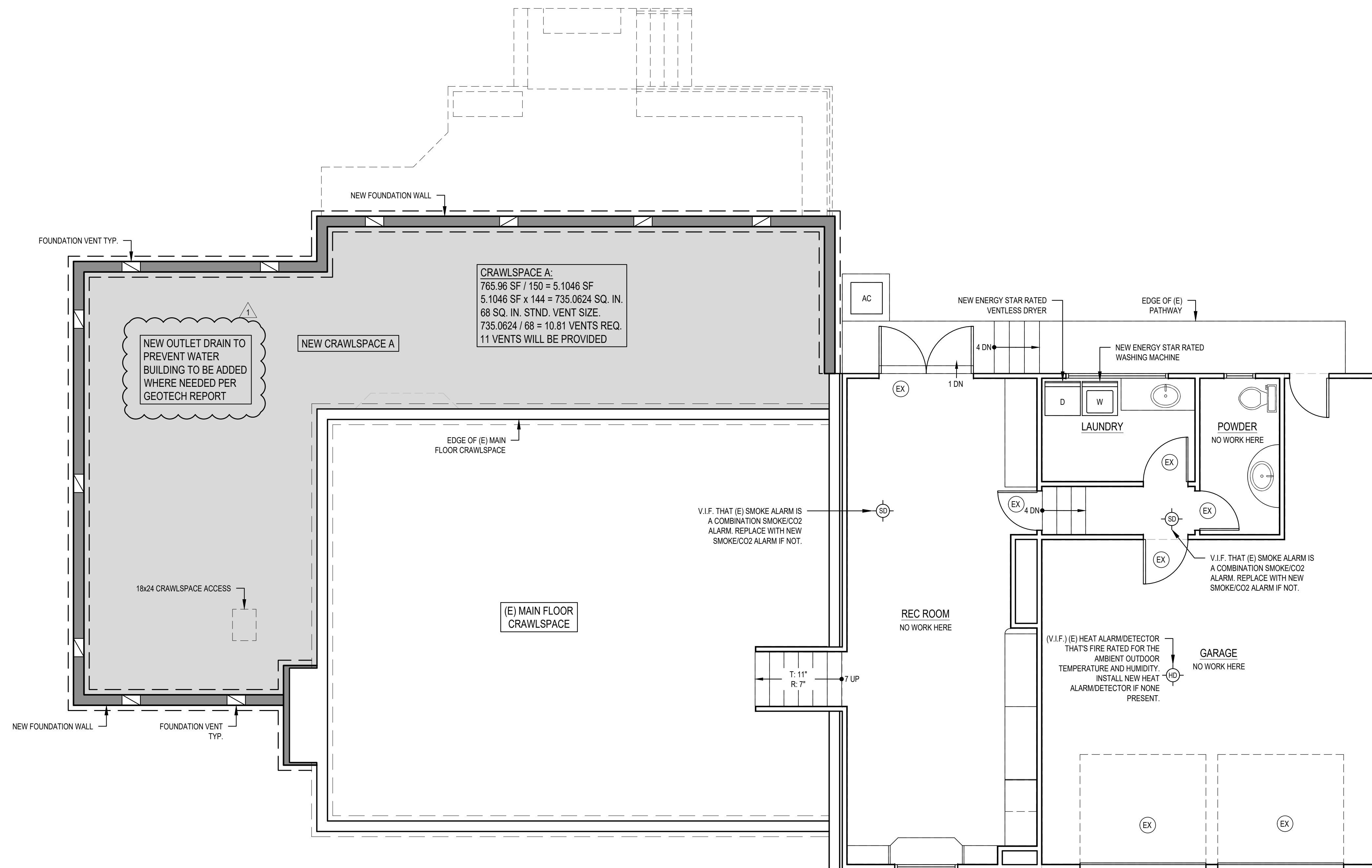
N.T.S. (SEE STRUCTURAL SHEETS FOR SHEARWALLS.)

TYPICAL EXTERIOR WALL
 EXTERIOR WALL FINISH OF (2) LAYERS 5/8" BLDG. PAPER OF 1/2" CDX PLYWOOD OR 2x6 WOOD STUDS AT 16" O.C. w/ 1/2" GYPSUM WALLBOARD AT INTERIOR. PROVIDE R-21 BATT INSULATION EXCEPT AROUND GARAGE.

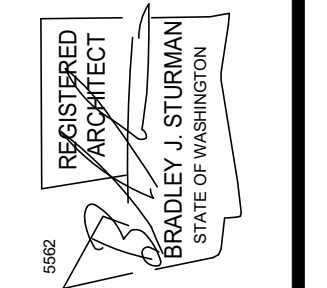
TYPICAL INTERIOR PARTITION
 U.N.O. ALL INTERIOR WALL SHALL BE 2x4 WOOD STUDS @ 16" O.C. w/ 1/2" GYPSUM WALLBOARD EACH SIDE.

TYPICAL FURRED WALL
 2" AIRSPACE. 2x4 P.T. WOOD STUDS @ 16" O.C. w/ 1/2" GYPSUM WALLBOARD AT INTERIOR. PROVIDE R-21 BATT INSULATION.

1HR. FIRE RATED WALL
 5/8" THK GWB, TYPE X' O/ 2x6 WD STUDS @ 16" O.C. PANELS NAILED 7" O.C.-1 7/8" CEM CTD NAILS- JOINTS EXP OR FIN - PERIM CAULKED-UL DES U305 & U314- JOINTS FIN



1 LOWER FLOOR PLAN
 SCALE: 1/4" = 1'-0"



www.sturmanarchitects.com
 All Rights Reserved
 © 2021

KNOTZ REMODEL
 6020 94TH AVE SE
 MERCER ISLAND, WA 98040

**MAIN FLOOR CRAWLSPACE
 LOWER FLOOR PLAN**

REVISIONS:	DATE	BY

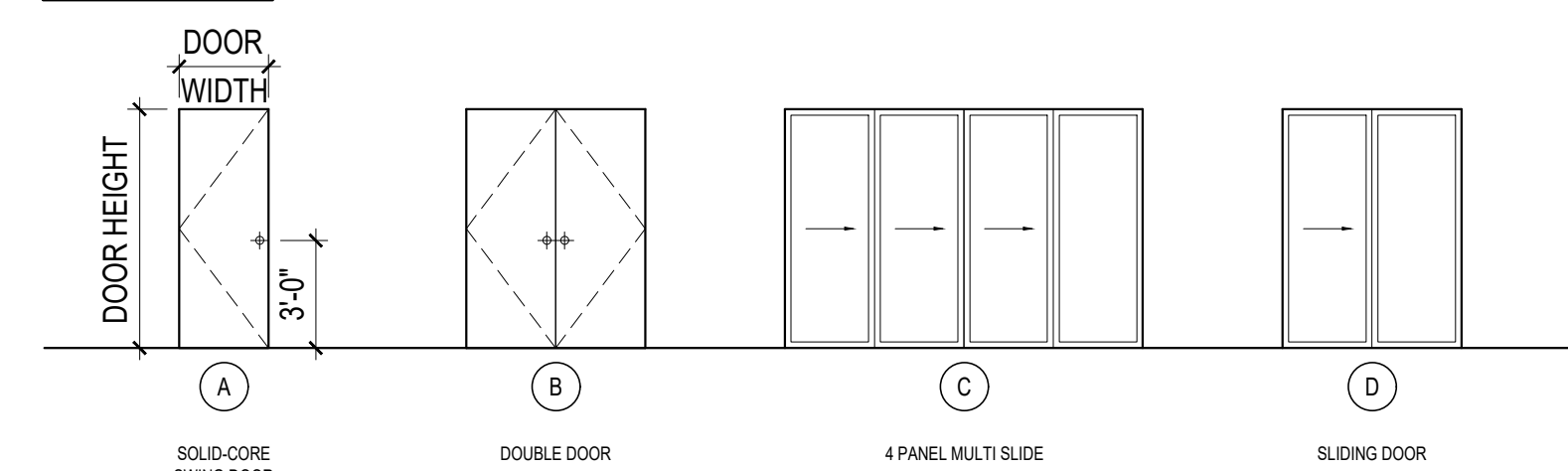
PLOT DATE: 8/24/2023
 DRAWN BY: JM
 CHECKED BY: BJS

SHEET
A2.1

SCALE: IF SHEET IS LESS THAN 24" x 36", IT IS A REDUCED PRINT, REDUCE SCALE ACCORDINGLY
 CORRECTION SET 8/23/2023

ROOF VENT CALCULATIONS												
CODE REQUIREMENT				CALCULATIONS						ACTUAL		
DESCRIPTION	SF AREA	REQ. VENTING		VENT TYPE			VENT L.F.	TOTAL VENT AREA SQ. IN.	SF CONVERT. 1/144	80% EFF FACTOR	TOTAL	
		PER SF AREA	150	300	RIDGE	GABLE						EAVE
ROOF A	3,123	20.82				18 SQ.IN./FT.	133.9	2410.2	16.74	13.39	21.25	
						1.5x1.0" VENT						
						12 SQ.IN./FT.	75.2	902.4	6.27	5.01		
						CONTINUOUS						
ROOF B	540	3.60				256 SQ. IN	2	512	3.56	2.84		
						24x24" VENT						
						10 SQ.IN./FT.	28.9	520.2	3.61	2.89	3.99	
						1.5x1.0" VENT						
						12 SQ.IN./FT.	16.5	198	1.38	1.10		
						CONTINUOUS						
								0	0.00	0.00		

DOOR TYPES:

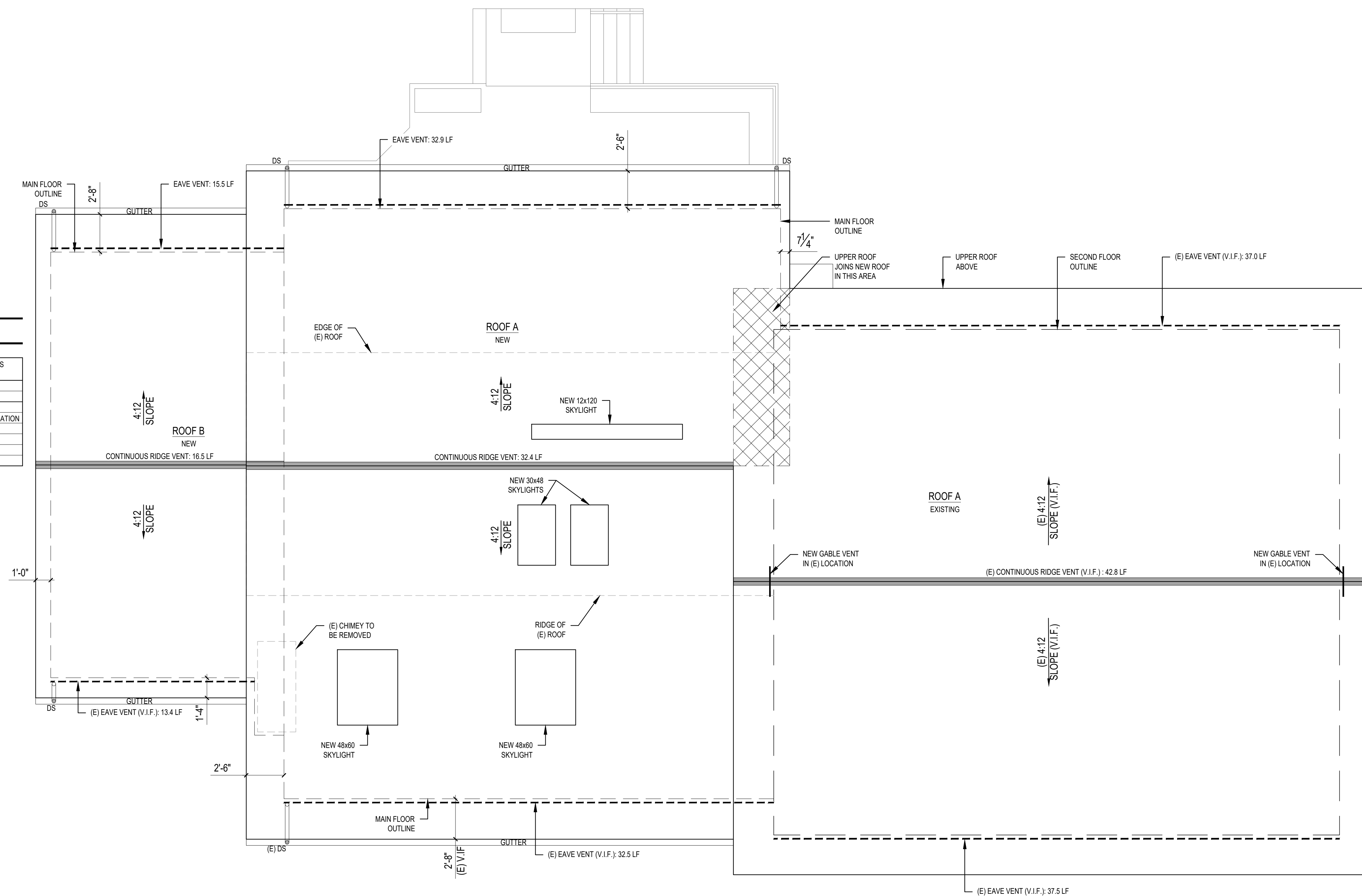


DOOR SCHEDULE

DOOR NO.	LOCATION	SIZE WIDTH	SIZE HEIGHT	DOOR TYPE	TEMP. GLASS	DOOR FIN.	DOOR THK.	U-VAL. (MIN.)	NFRC CERT.	REMARKS
MAIN FLOOR										
101	MECH ROOM	2'-10"	8'-0"	A	-	-	1-1/4"	-	Y	
102	BATH 1	2'-6"	8'-0"	A	-	-	1-1/4"	-	Y	
103	BEDROOM 1	2'-6"	8'-0"	A	-	-	1-1/4"	-	Y	
104	BEDROOM 1	5'-0"	8'-0"	B	-	-	1-1/4"	-	Y	
105	DINING ROOM	12'-0"	8'-0"	C	Y	-	1-3/4"	.28	Y	
106	PANTRY	2'-6"	8'-0"	A	-	-	1-1/4"	-	Y	
107	BEDROOM 1	8'-0"	8'-0"	D	Y	-	1-1/4"	.28	Y	

WINDOW SCHEDULE

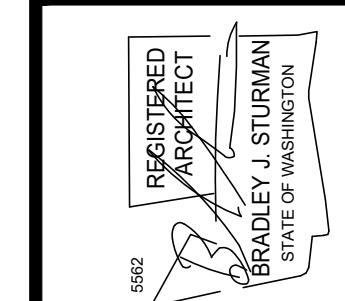
WINDOW MARK	DESCRIPTION	WINDOW SIZE WIDTH	WINDOW SIZE HEIGHT	TEMP.	QTY.	TOTAL AREA (SF)	U-VALUE (MIN.)	NFRC CERT.	GLAZING	REMARKS & NOTES
A	CASEMENT	2'-10"	4'-8"	Y	2	26.4'	.28	Y	LOW E / CLEAR	-
B	FIXED	11'-7 1/2"	4'-8"	Y	1	48.2'	.28	Y	LOW E / CLEAR	-
C	CASEMENT	2'-6"	4'-6"	Y	3	33.8'	.28	Y	LOW E / CLEAR	TEMPERED IN 1 LOCATION
D	CASEMENT	2'-6"	4'-8"	Y	1	11.7'	.28	Y	LOW E / CLEAR	-
E	SKYLIGHT	2'-6"	4'-0"	Y	2	20.0'	.28	Y	LOW E / CLEAR	-
F	SKYLIGHT	4'-0"	5'-0"	Y	2	40.0'	.28	Y	LOW E / CLEAR	-
G	SKYLIGHT	10'-0"	1'-0"	Y	1	10.0'	.28	Y	LOW E / CLEAR	-



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

SCALE: IF SHEET IS LESS THAN 24" x 36", IT IS A REDUCED PRINT, REDUCE SCALE ACCORDINGLY

SCHEMATIC SET 7/26/2021



www.sturmanarchitects.com
All Rights Reserved
© 2021

KNOTZ REMODEL

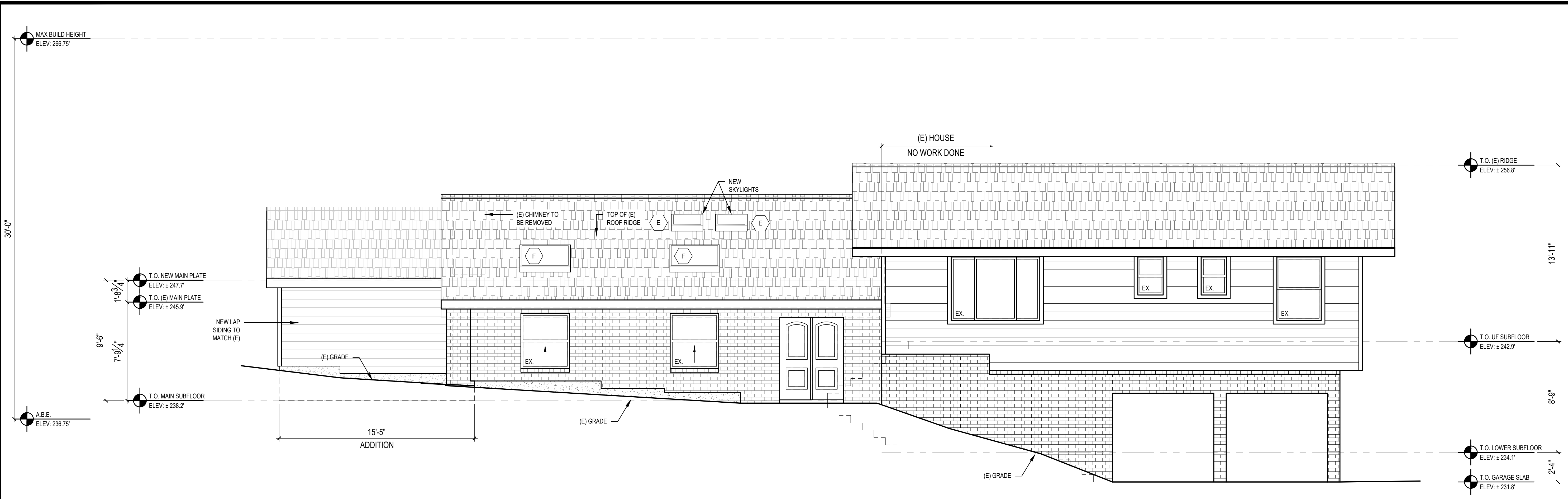
6020 94TH AVE SE
MERCER ISLAND, WA 98040

**ROOF PLAN
ROOF VENT CALCULATION
DOOR/WINDOW SCHEDULE**

NO.	REVISIONS:

PLOT DATE: 8/24/2023
DRAWN BY: JM
CHECKED BY: BJS

SHEET
A2.2



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



2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"

NO.	REVISIONS	DATE

PLOT DATE: 8/24/2023
DRAWN BY: JM
CHECKED BY: BJS



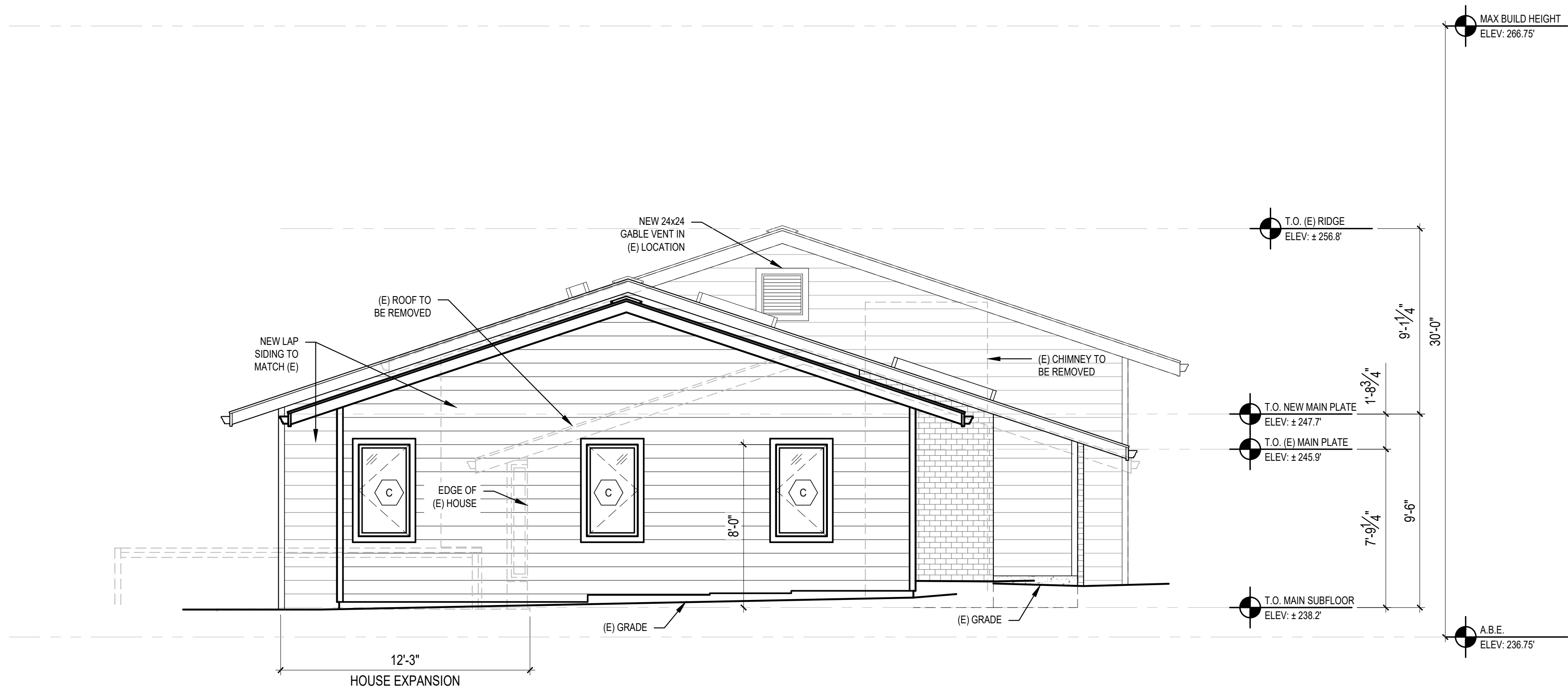
EXTERIOR ELEVATIONS

REVISIONS:

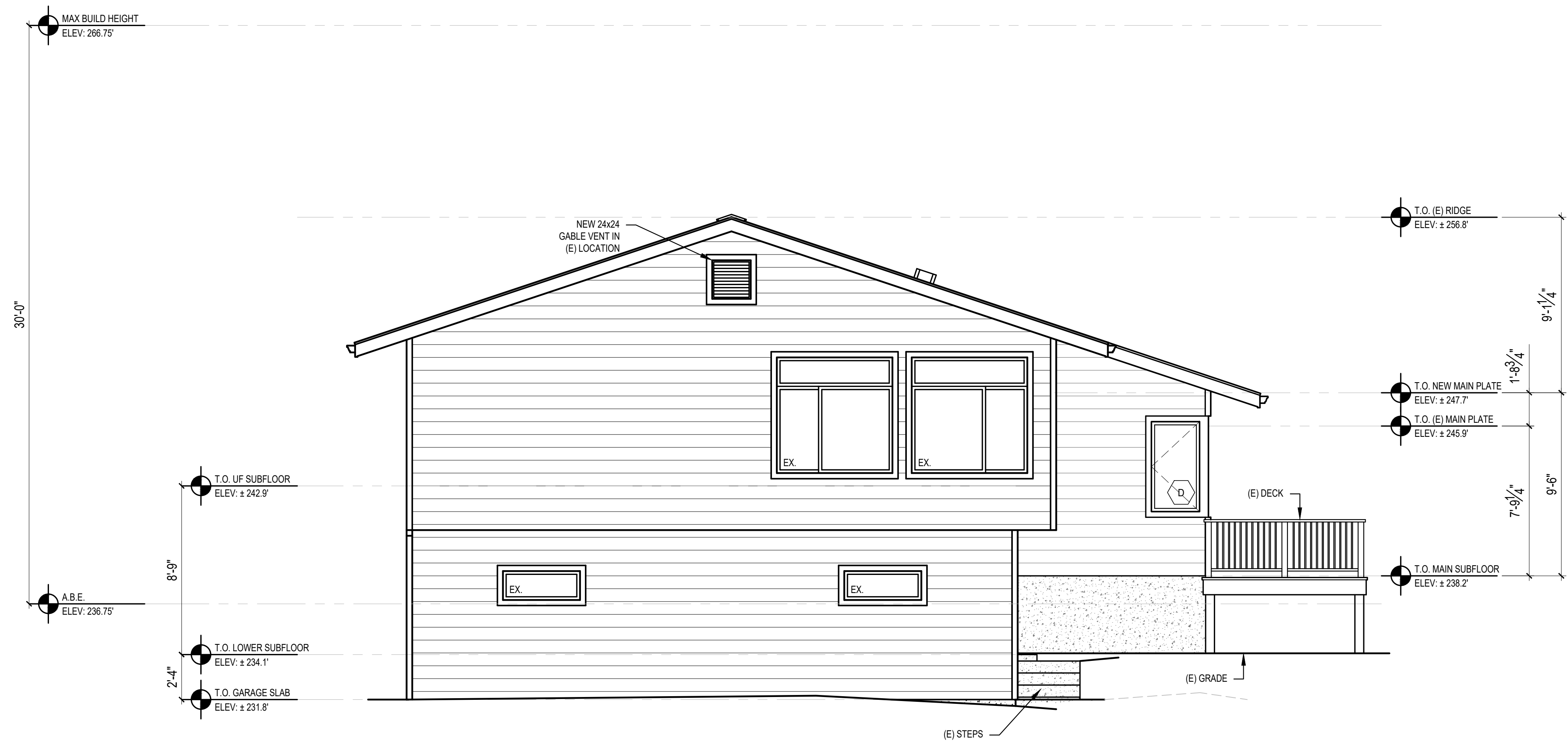
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

PLOT DATE: 8/24/2023
 DRAWN BY: JM
 CHECKED BY: BJS

SHEET
A3.1

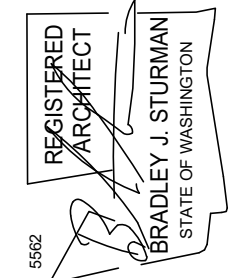


3 WEST ELEVATION
 SCALE: 1/4" = 1'-0"



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

SCALE: IF SHEET IS LESS THAN 24" x 36", IT IS A REDUCED PRINT, REDUCE SCALE ACCORDINGLY
 CORRECTION SET 8/23/2023



BUILDING SECTION

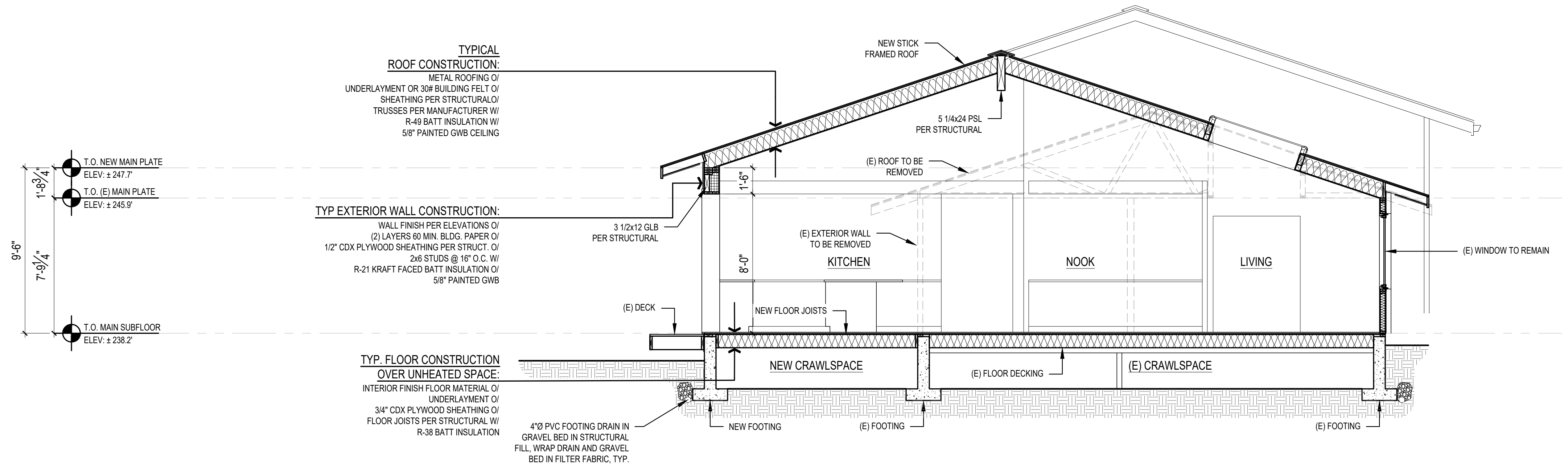
REVISIONS:

1	
2	
3	
4	

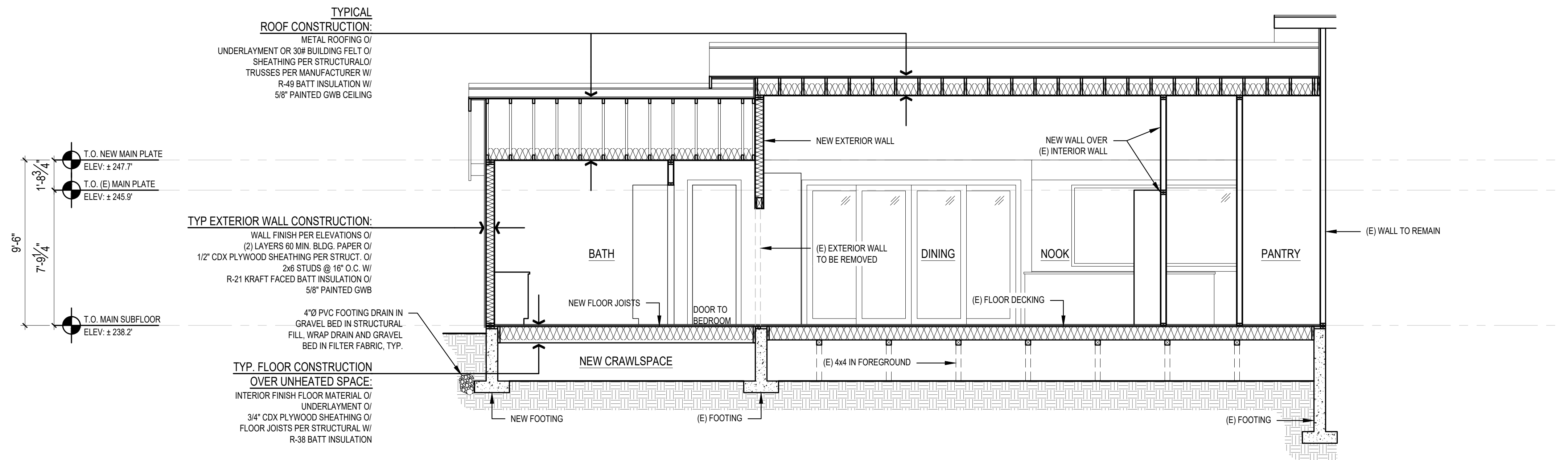
PLOT DATE: 8/24/2023
 DRAWN BY: JM
 CHECKED BY: BJS

SHEET
A4.0

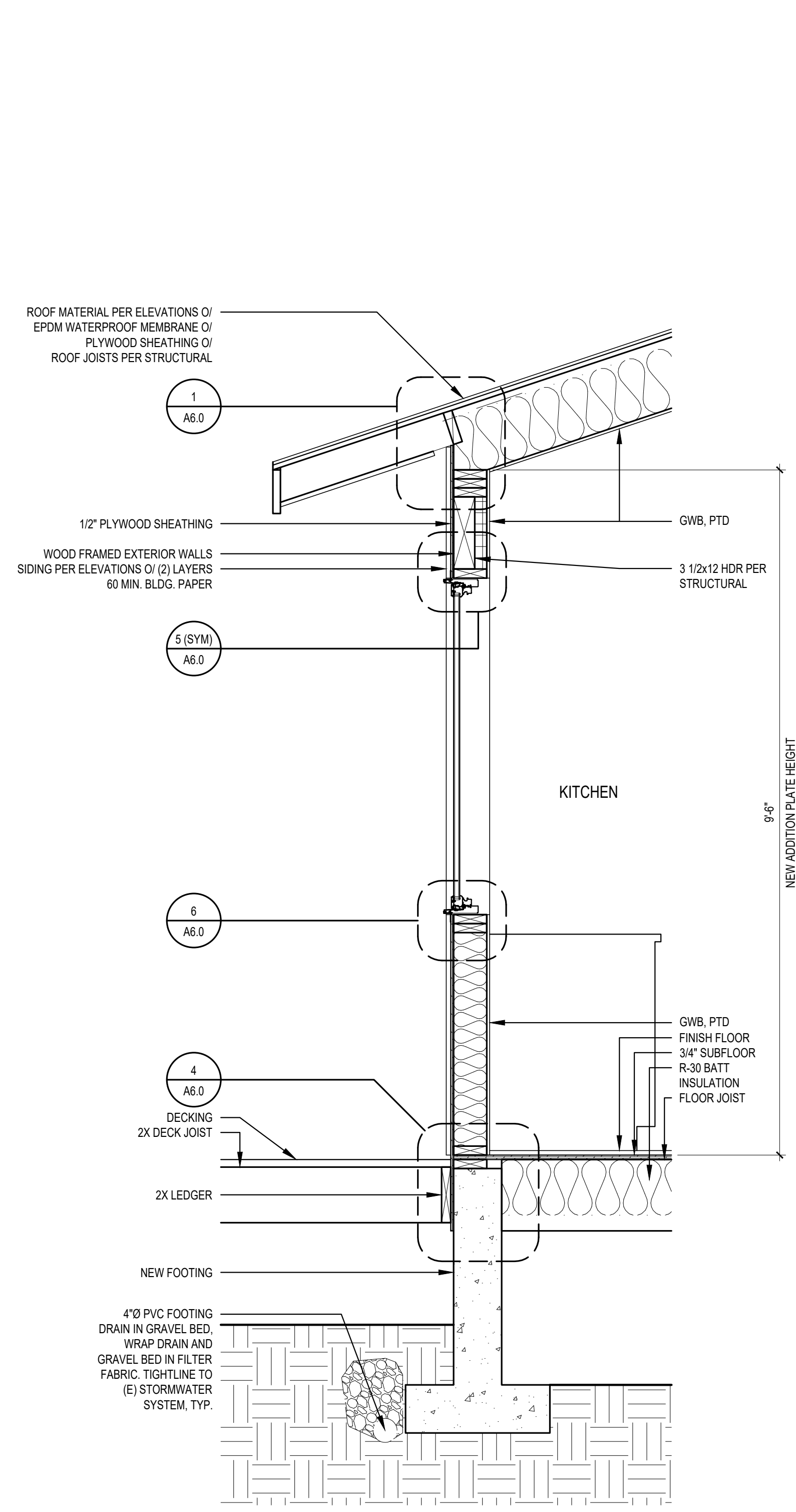
SCALE: IF SHEET IS LESS THAN 24" x 36", IT IS A REDUCED PRINT, REDUCE SCALE ACCORDINGLY
 CORRECTION SET 8/23/2023



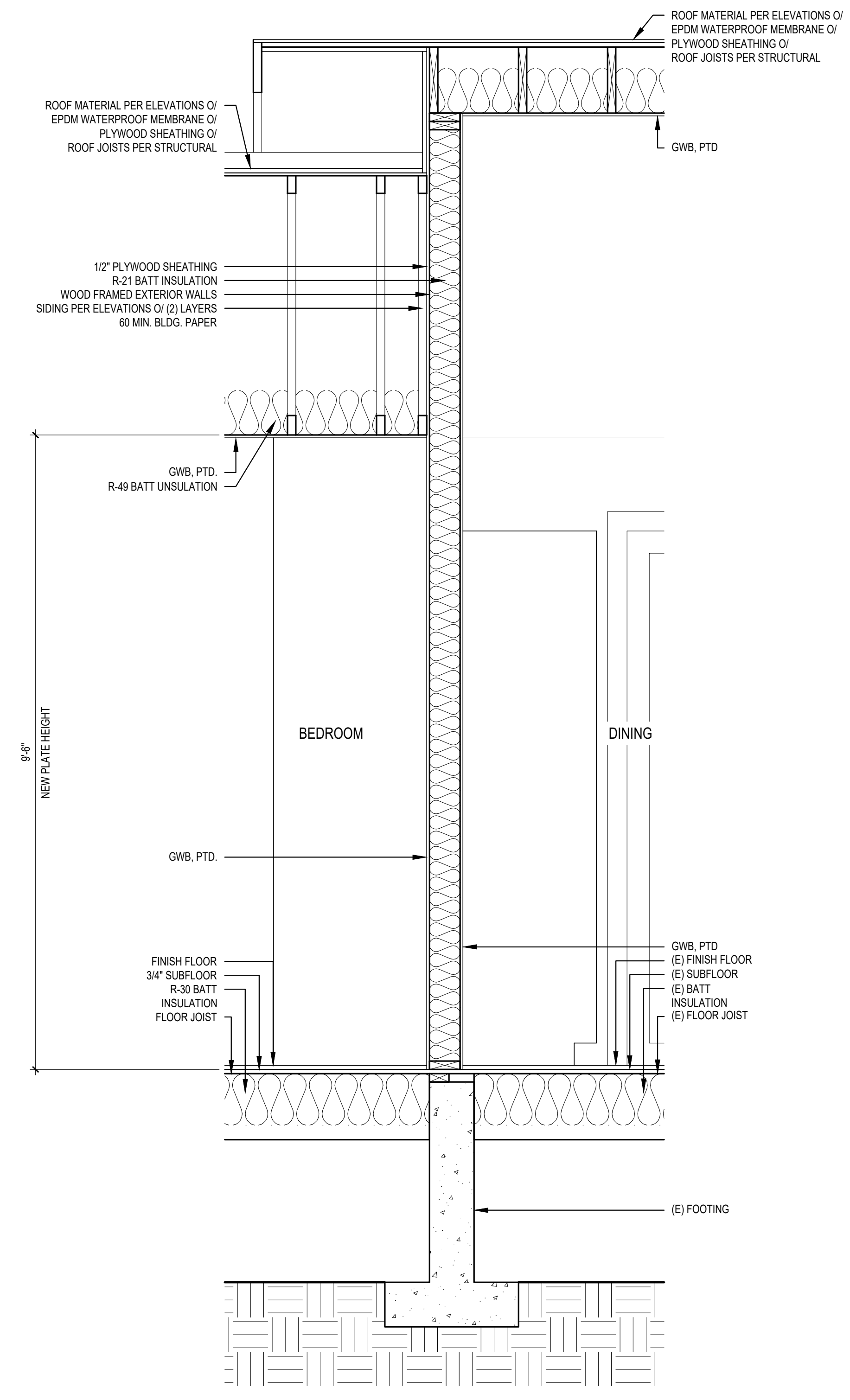
1 BUILDING SECTION
 SCALE: 1/4" = 1'-0"



2 BUILDING SECTION
 SCALE: 1/4" = 1'-0"

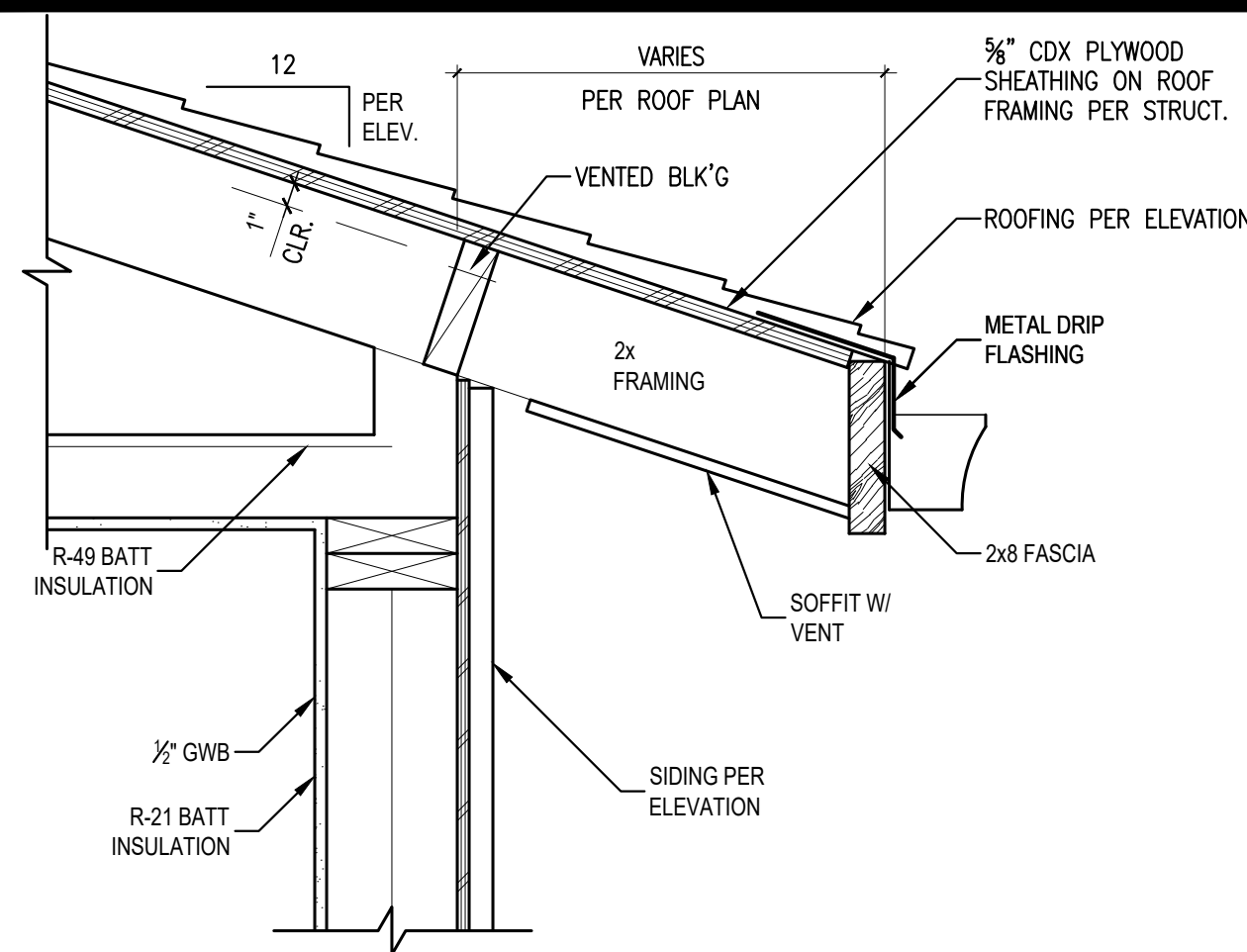


1 WALL SECTION
SCALE: 3/4" = 1'-0"



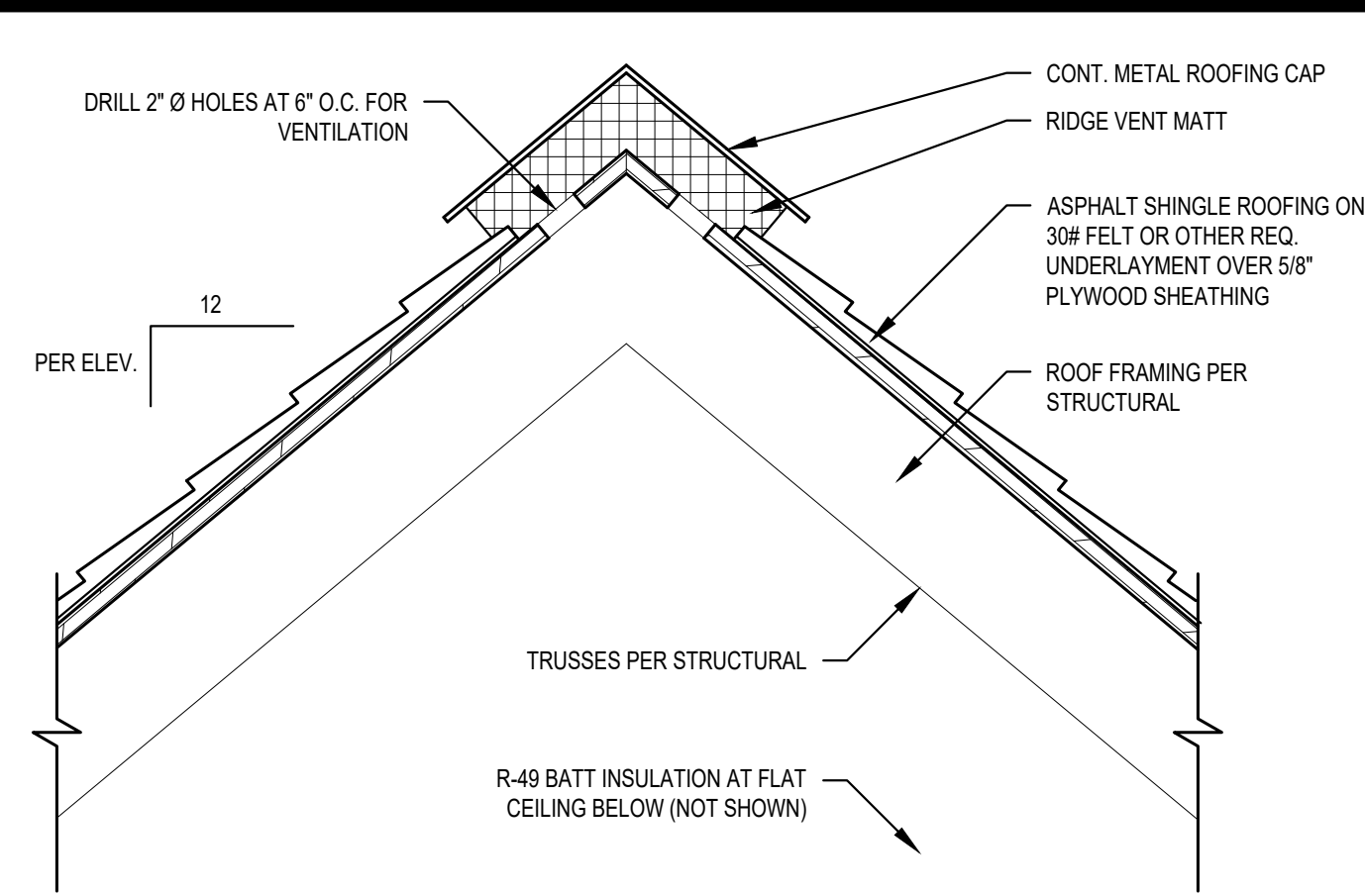
2 WALL SECTION
SCALE: 3/4" = 1'-0"

SCALE: IF SHEET IS LESS THAN 24" x 36", IT IS A REDUCED PRINT, REDUCE SCALE ACCORDINGLY
CORRECTION SET 8/23/2023



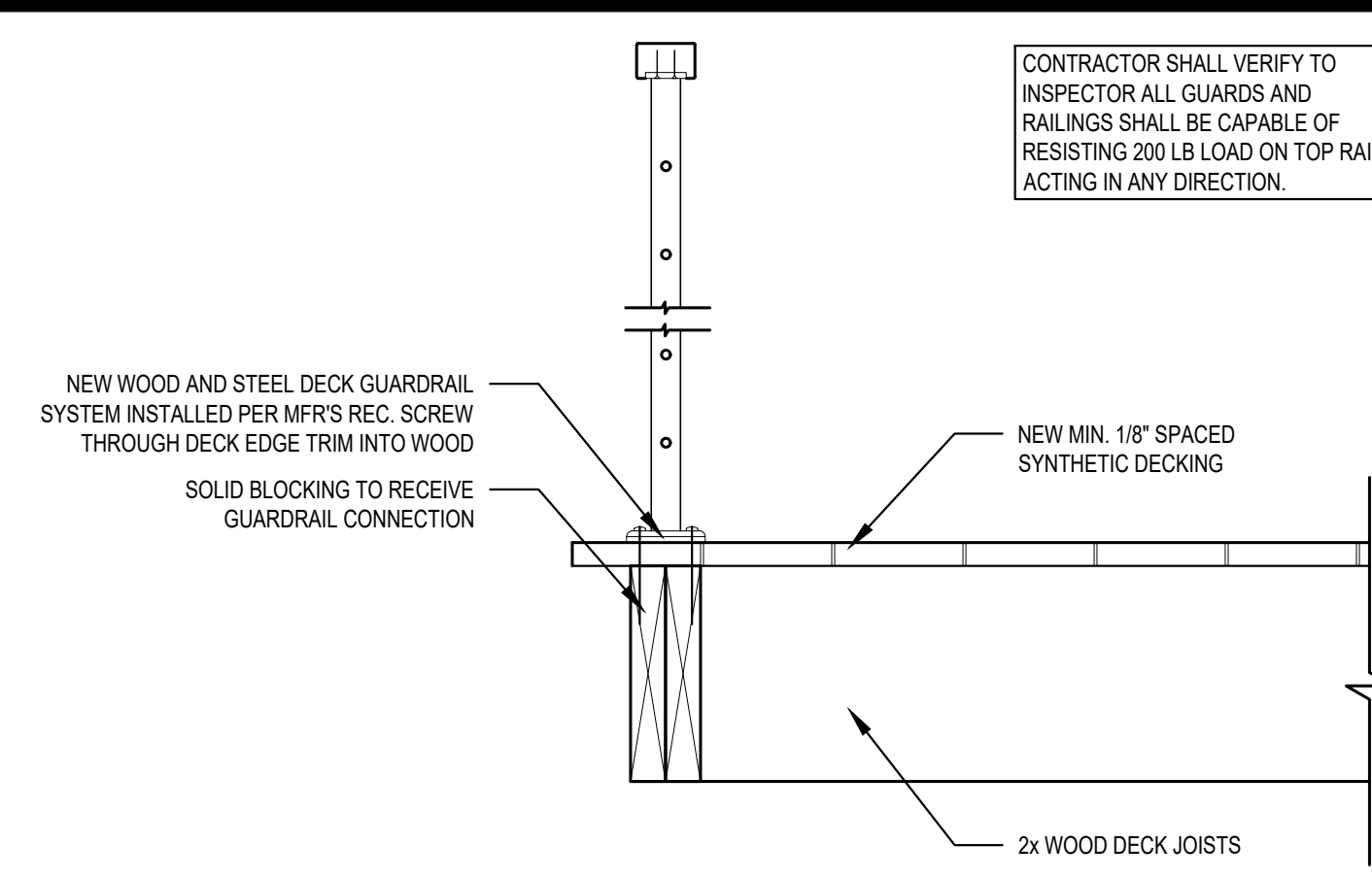
1 TYPICAL ROOF EAVE DETAIL

SCALE: 1 1/2" = 1'-0"



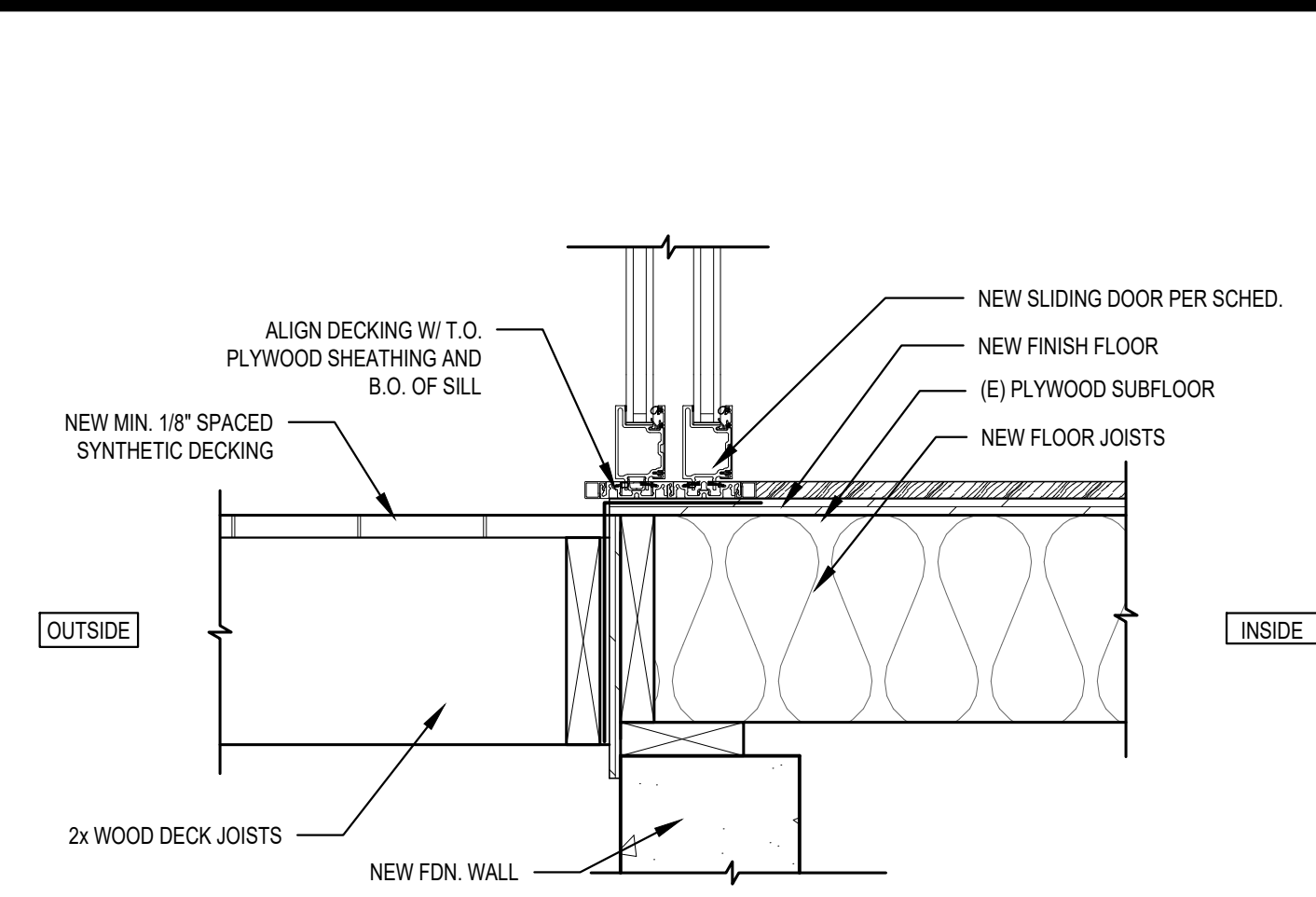
2 TYPICAL ROOF RIDGE VENT DETAIL

SCALE: 1 1/2" = 1'-0"



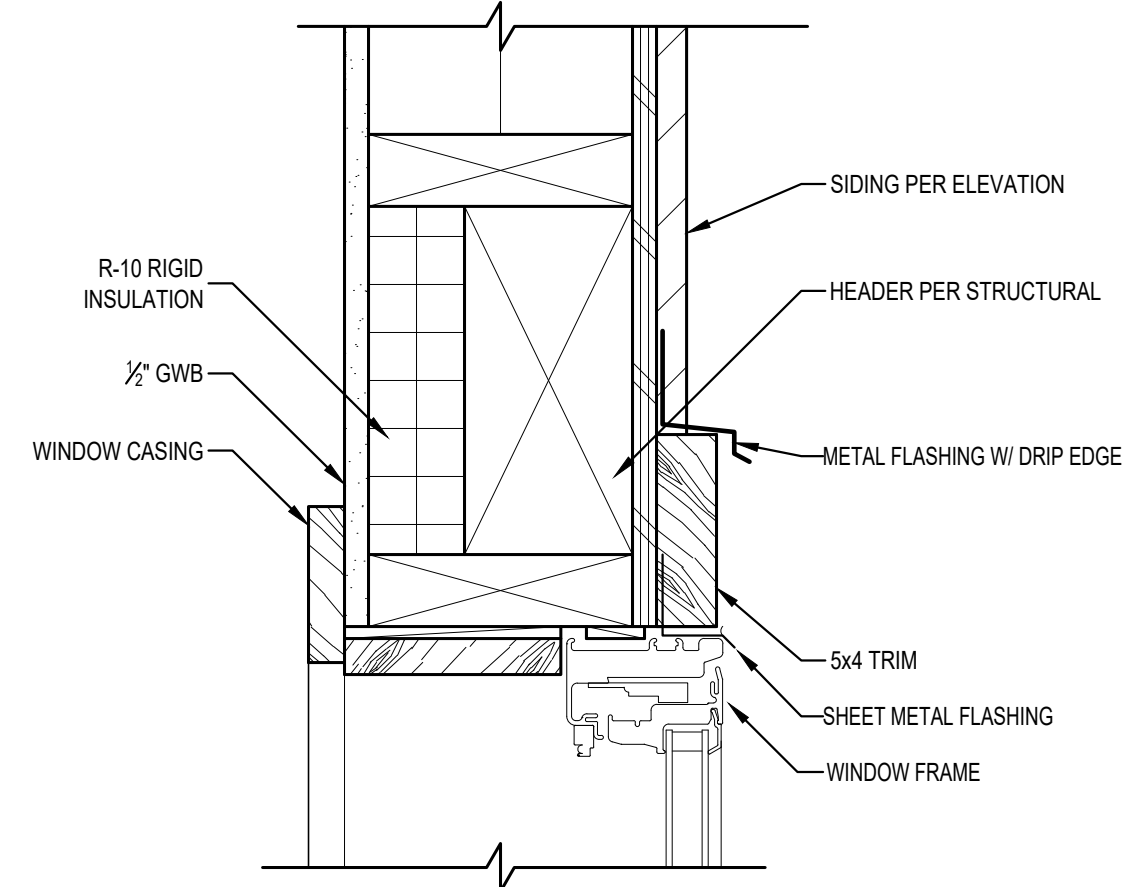
3 DECK RAILING ATTACHEMENT

SCALE: 1 1/2" = 1'-0"



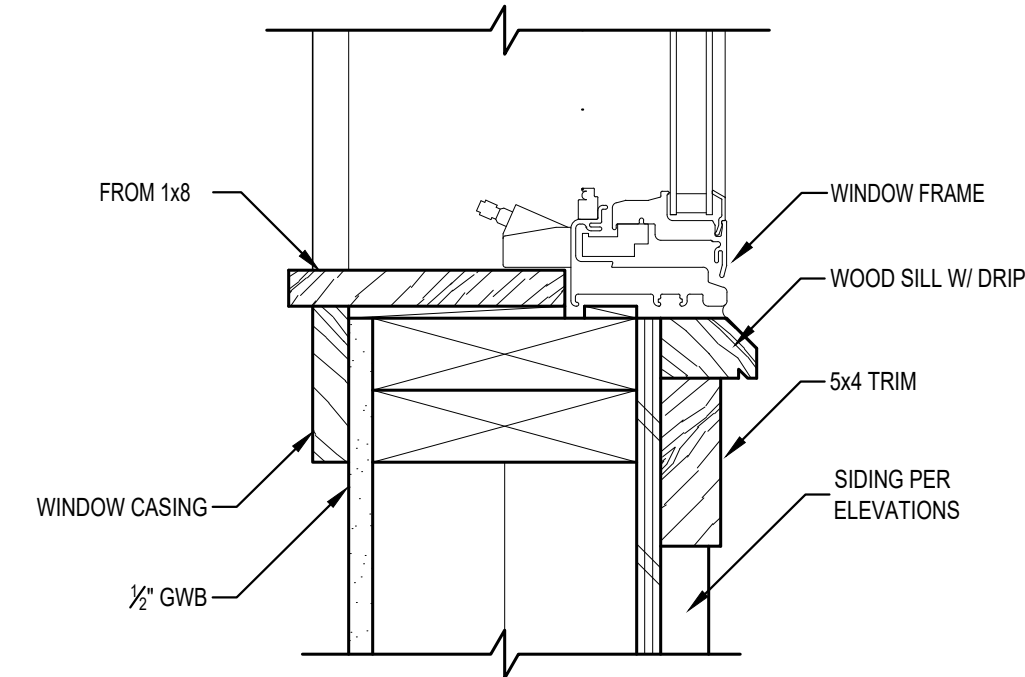
4 DECK/HOUSE THRESHOLD

SCALE: 1 1/2" = 1'-0"



5 TYPICAL WINDOW HEAD DETAIL

SCALE: 3" = 1'-0"



6 TYPICAL WINDOW SILL DETAIL

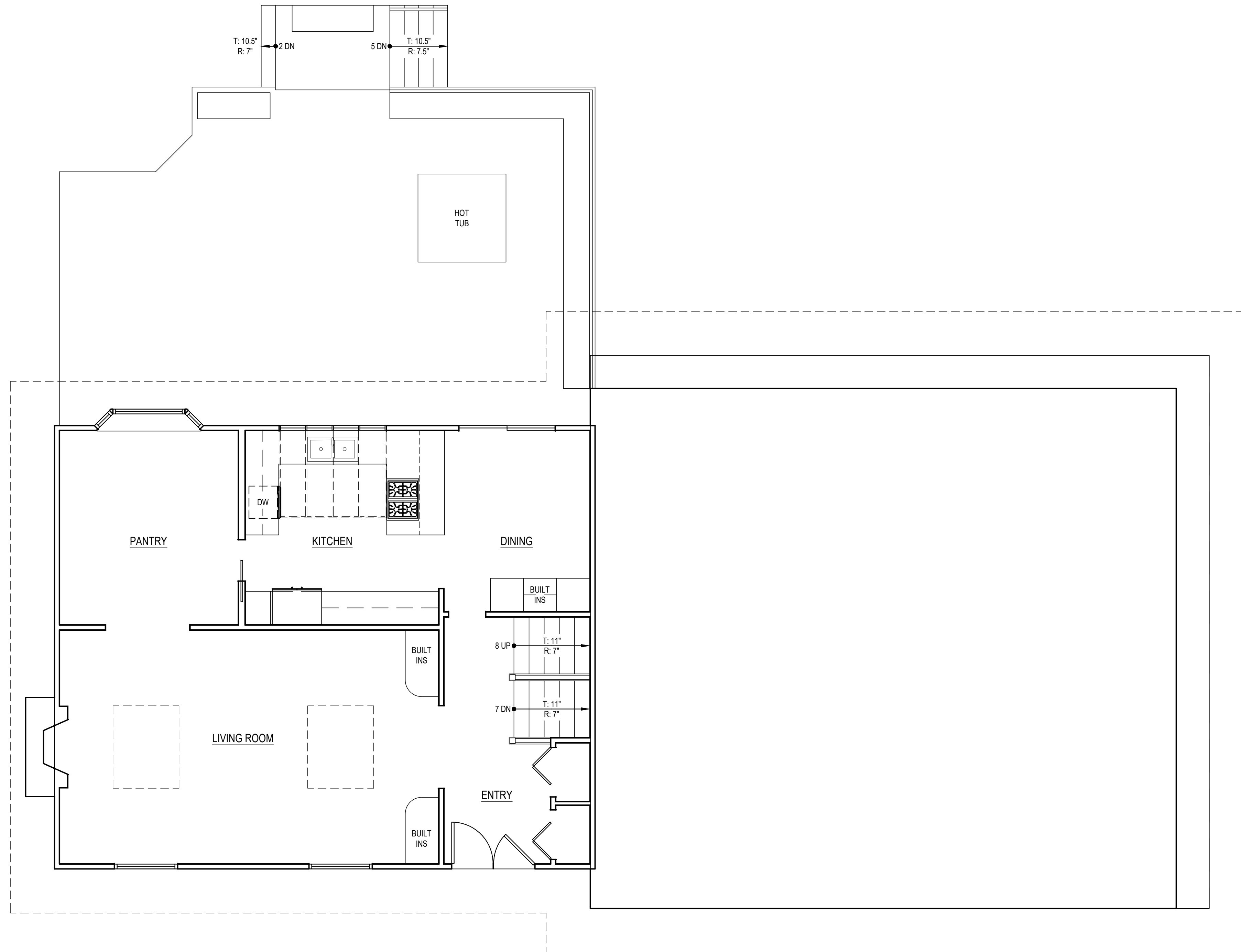
SCALE: 3" = 1'-0"

REVISIONS:	

SHEET

SCALE: IF SHEET IS LESS THAN 24" x 36", IT IS A REDUCED PRINT, REDUCE SCALE ACCORDINGLY
CORRECTION SET 8/23/2023

A6.0



1 AS BUILT MAIN FLOOR PLAN
SCALE: 1/4" = 1'-0"

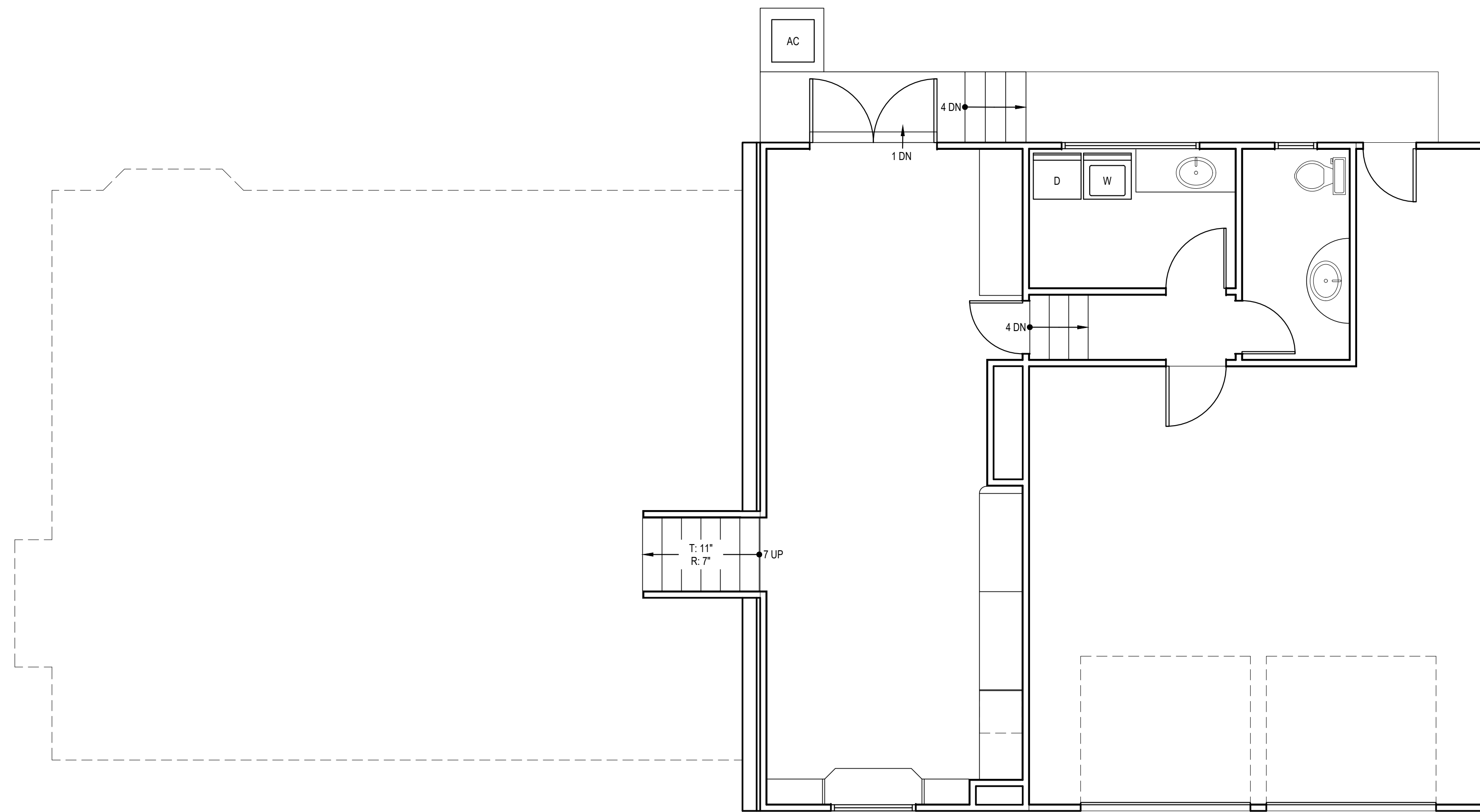


AS BUILT MAIN FLOOR PLAN

REVISIONS:	DATE	DESCRIPTION

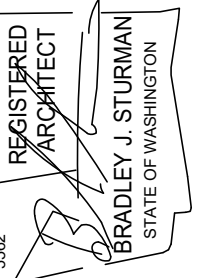
PLOT DATE: 8/24/2023
DRAWN BY: JM
CHECKED BY: BJS

SHEET
AB1



1 AS BUILT LOWER FLOOR PLAN
SCALE: 1/4" = 1'-0"

SCALE: IF SHEET IS LESS THAN 24" x 36", IT IS A REDUCED PRINT, REDUCE SCALE ACCORDINGLY
CORRECTION SET 8/23/2023



www.sturmanarchitects.com
All Rights Reserved
© 2021

KNOTZ REMODEL
6020 94TH AVE SE
MERCER ISLAND, WA 98040

AS BUILT LOWER FLOOR PLAN

REVISIONS:	DATE

PLOT DATE: 8/24/2023
DRAWN BY: JM
CHECKED BY: BJS

SHEET **AB2**

GENERAL NOTES

1.0 GENERAL

- 1.1 Construction shall conform to the 2018 INTERNATIONAL RESIDENTIAL CODE and all other requirements of authorities having jurisdiction.
1.2 These drawings are the property of O.G. Engineering, PLLC ("Engineer").
1.3 Refer to Architectural Plans for all dimensions and elevations not shown.
1.4 The contractor shall be solely responsible for jobsite and construction safety and compliance with all current safety regulations.
1.5 Utility information is not shown on these drawings.
1.6 All waterproofing and drainage information shown on these drawings is for illustrative purposes only.

2.0 DESIGN BASIS - BUILDING STRUCTURES

- 2.1 Vertical Loads (psf) Dead Live Snow
2.2 Seismic Design Data (per the 2018 IBC) Risk Category: II Importance Factor: Ie=1.0 Site Coordinates: 47.5493°N, 122.2138°W
2.3 Wind Design Data (per the 2018 IBC) Risk Category: II Basic Wind Speed: 97 mph Exposure Category: C Topographic Factor: 1.00

3.0 INSPECTIONS

The construction work shall be inspected as required by the SRC Section R106. The contractor is solely responsible for understanding the requirements of and coordinating all inspections, observations and testing and ensuring that all work is performed to the satisfaction of the inspector.

4.0 FOUNDATIONS

- 4.1 The following foundation & retaining wall design criteria are assumed, have not been verified by a geotechnical engineer and therefore must be approved by the building official.
4.2 Footing & Slab on Grade Excavations
Remove any deleterious, loose or softened material from footing & slab on grade excavations and compact sub-grades to a firm and unyielding condition.

5.0 MATERIALS

5.1 Wood:

- 5.1.1 All 2x & 3x sawn lumber shall be Hem Fir grade number 2, and all 4x and larger lumber shall be Doug Fir grade number 1, U.O.N.
5.1.2 Engineered Wood Framing Members shall be TrusJoist® or approved equal.
5.1.3 Glulam framing members shall be DF/DF, stress class 24F-1.8E, combination symbol 24F-V8, U.O.N.

- 5.1.3 Glulam framing members shall be DF/DF, stress class 24F-1.8E, combination symbol 24F-V8, U.O.N.
5.1.4 All wood framing members shall have 19% maximum moisture content at time of installation.

5.2 Concrete:

Hardrock, normal-weight concrete with a minimum 28-day compressive strength of 3,000 psi for concrete exposed to weather and 2,500psi for concrete not exposed to weather. Slump range shall be 3-5 inches. Maximum aggregate size shall be 1". Maximum water/cement ratio shall be 0.5. Concrete exposed to weather shall be air-entrained with total air content between 5%-7% of total concrete volume.

5.3 Reinforcing Steel Bars:

ASTM A615, Grade 60

5.4 Post-Installed Dowels & Anchors into Existing Concrete & CMU

Epoxy: Simpson SET-3G (Installed & inspected per ICC No. ESR-4057)

5.5 Bolts and Threaded Rods:

- 5.5.1 Threaded Rod: ASTM F1554 Grade 36
5.5.2 Sill Anchor Bolts: ASTM A307
5.5.3 Bolts in Timber Connections: ASTM A307
5.5.4 Bolts in Steel Connections: ASTM A325-N (High-Strength)

5.6 Structural Steel:

Wide Flange (W): A992 (Fy = 50 ksi)
Rectangular Tube (HSS): A500 Gr. B (Fy = 46 ksi)
Plate and Bar: A36 (Fy = 36 ksi)

6.0 CONCRETE CONSTRUCTION

- 6.1 Concrete elements shall be constructed in single continuous pours, without construction joints, unless otherwise approved by the Engineer.
6.2 Reinforcement installation details, including rebar bends, hooks, splices and development lengths shall be in accordance with the requirements of IRC Section R608.5.4, U.O.N.
6.3 Concrete Coverage over Reinforcing Steel

- 1) 3" Where concrete is cast against and permanently exposed to earth except slab on grade.
2) 2" Where concrete is exposed to earth but formed, or exposed to weather.
3) 1 1/2" Where concrete is not exposed to earth or weather.

7.0 WOOD CONSTRUCTION

7.1 General Framing

Connections not specified on these drawings shall conform to the IRC fastening schedule, refer to Table R602.3(1). Depth of all posts in walls shall match stud depth, U.O.N. Block floor joist space solid under posts and cripple studs supporting headers and continue support to foundation.
7.2 Engineered Wood Framing
See TrusJoist "Installation Guide for Floor and Roof Framing" (TJ-9001) for allowable holes in engineered wood beams.

7.3 Fasteners

Nails specified on these drawings are common nails, U.O.N. Fasteners in contact with P.T. wood, exposed to weather or in contact with ground shall be hot-dipped galvanized per SRC Section 317.3, or shall have equivalent corrosion resistance.
7.4 Connectors
Connectors specified on these drawings are manufactured by the SIMPSON STRONG-TIE® Company. Refer to latest catalog for information not specifically noted herein.

7.5 Wood Structural Panels

WSPs shall bear the APA trademark and shall meet the requirements of the latest edition of USDOC PS1 or PS2. Use 10d common wire nails to fasten panels with 1 1/2" minimum penetration into framing at sill panel edge and field nailing, U.O.N.
7.6 Shear Walls and Exterior Wall Sheathing
7.6.1 Shear walls are noted on the plans. Shear walls shall be sheathed with 3/8" APA RATED SHEATHING, EXPOSURE 1 WSPs with a span rating of 3 3/16, U.O.N.

7.8 Sill Anchor Bolts

There shall be a minimum of two sill anchor bolts per piece with one bolt located not more than 12" or less than 4 1/2" from each end of each piece. Holes in sills for bolts shall not be oversized. Sill anchor bolts shall be 3/8" dia with 7" min. embed. into concrete.

7.9 Floor and Roof Sheathing

- 7.9.1 Wood structural panel sheets at floors and roofs shall be laid with strength axis perpendicular to supports and continuous over two or more spans, unless otherwise noted on drawings.
7.9.2 Unless otherwise noted, typical roof sheathing shall be unblocked 3/8" APA RATED SHEATHING, EXPOSURE 1 WSPs with a span rating of 4 9/16.
7.9.3 Unless otherwise noted, typical floor sheathing shall be unblocked 3/8" APA RATED STURD-I-FLOOR EXPOSURE 1 WSPs with a span rating of 4 9/16.

7.10 Metal-Plate-Connected Wood Trusses

- 7.10.1 The design, manufacture and installation of trusses shall be in accordance with the requirements of ANSI/TPI 1 and the IRC Section R502.11.
7.10.2 Trusses, structural fascia, their connections to other trusses/fascias, and truss eave blocking are the design responsibility of the supplier, and shall be designed by a civil or structural engineer licensed in the State of Washington.
7.10.3 Trusses shall not rely on interior walls for support, U.O.N.; trusses shall be designed to span between exterior bearing walls.
7.10.4 Trusses shall be braced to provide lateral stability and prevent rotation in accordance with the SBCA BCSI "Guide to Good Practice for Handling, Installing and Bracing of Metal-Plate-Connected Wood Trusses".
7.10.5 Trusses and their connections shall not be notched, cut, spliced or otherwise altered or damaged in any way without the prior written consent of both the E.O.R. and truss designer.

7.10.6 Truss design drawings and calculations, prepared by a civil or structural engineer licensed in the State of Washington in accordance with the SRC Section R502.11.4, shall be submitted to the contractor, architect, engineer and local building official for review and acceptance prior to fabrication, and shall be provided with the shipment of trusses to the job site.

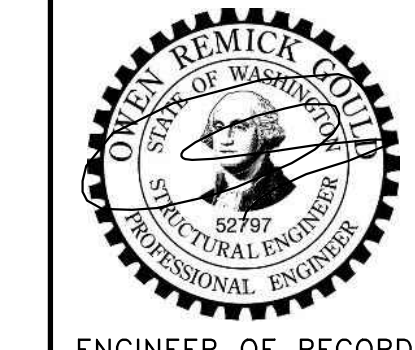
7.10.7 Attach top plates of interior, non-bearing partition walls to truss bottom chords with 'STC' clips, leaving a 1/2" to 3/4" vertical gap between bottom of truss and top of plate. Attach adjacent gypsum board ceiling to top plate with 'DS' clips. Do not fasten gypsum board ceiling to truss bottom chord within 16" of top plate.

ABBREVIATIONS

Table with 2 columns: Symbol and Description. Includes entries for AT, ADJ, ALT, ARCH, A.T.R., B.F., BLKG, BLW, BM, BOTT, C.I.P., C.J., CL, CLR, CONT, CSK, DBL, DIM, D.J., D.R., E.J., ELEV, ENGR, E.O.R., EQ, E/W, (E), F.J., F.N., FTG, G.L., GLB, G.C., H.D.G., HDR, HF, IBC, INV, IRC, K.D., LOCN, MAX, MANUF., M.B., MIN, NSFC, N.T.S., o/, o.c., O/H, OPNG, PL, PSF, PT, QUAD, REQ'D, RFT, R.R., R.W., S.A.D., S.O.G., SIM, SQ, STD, S.W.S., T.B.D., T&B, T&G, TYP, TRPL, T.O., U.O.N., U/S, u/, V.I.F., W.R.C., W.P., WSP.

Table with 2 columns: REV# and DATE. Includes entries for 02-07-23 PERMIT SET and 02-07-23 DESCRIPTION.

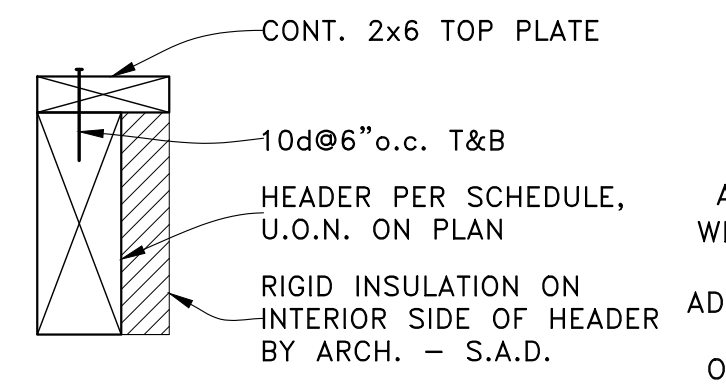
PROJECT: ADDITIONS & ALTERATIONS
6020 94th Ave SE
Mercer Island, WA 98040
CLIENT: HADRIAN & SINDHU KNOTZ
6020 94th Ave SE
Mercer Island, WA 98040



O.G. ENGINEERING, PLLC
3201 1st Ave S, Suite 101, Seattle, WA 98134
(206) 290-4408
ogent@ogengineer.com
ENGINEER OF RECORD
GENERAL NOTES

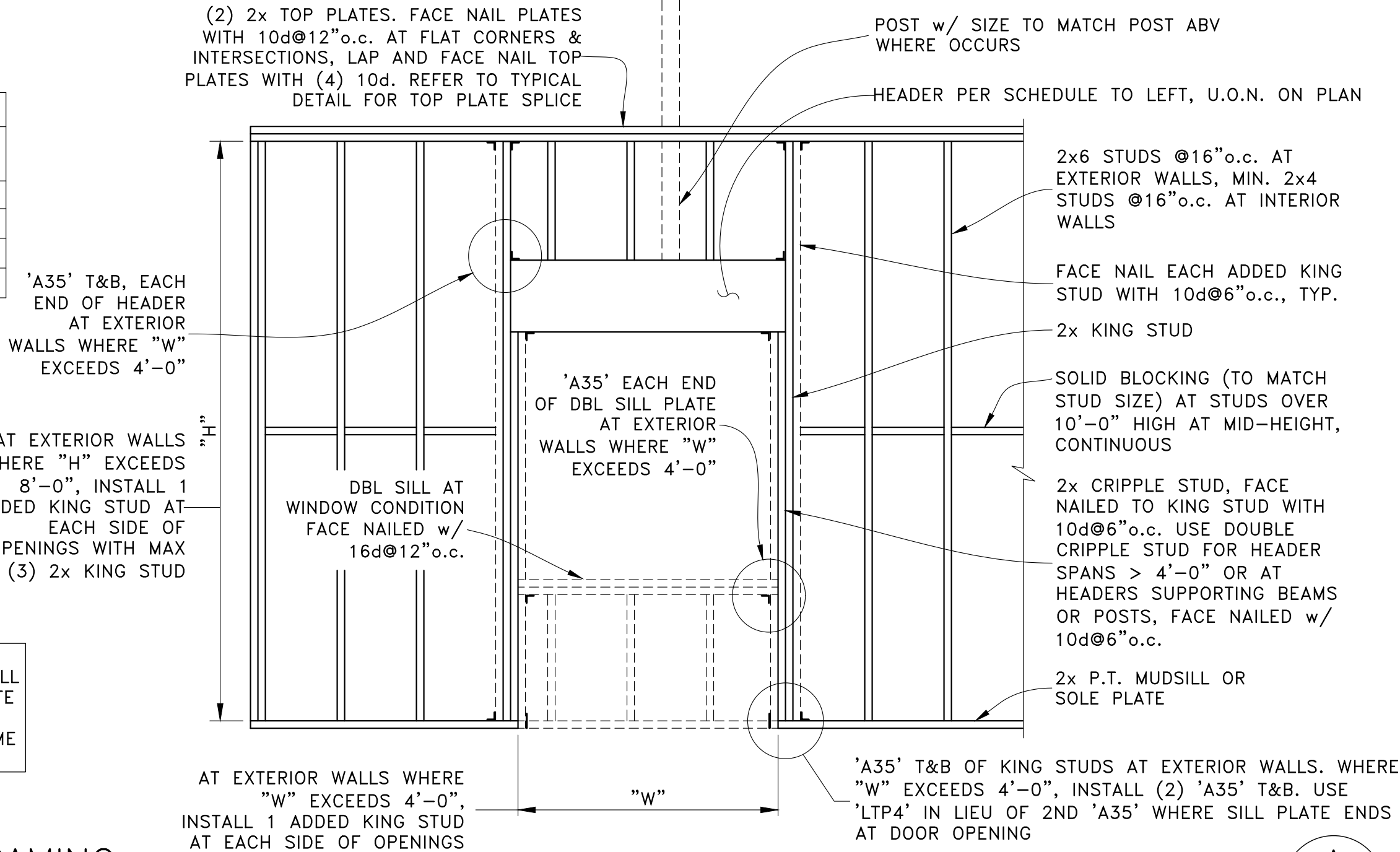
Table with 2 columns: SCALE and SHEET NO. Includes entries for AS NOTED and 22050.

HEADER SCHEDULE, U.O.N.	
"W" MAX. OPENING	MIN. HEADER
4'-0"	4x6
6'-0"	4x8
8'-0"	4x10
10'-0"	4x12



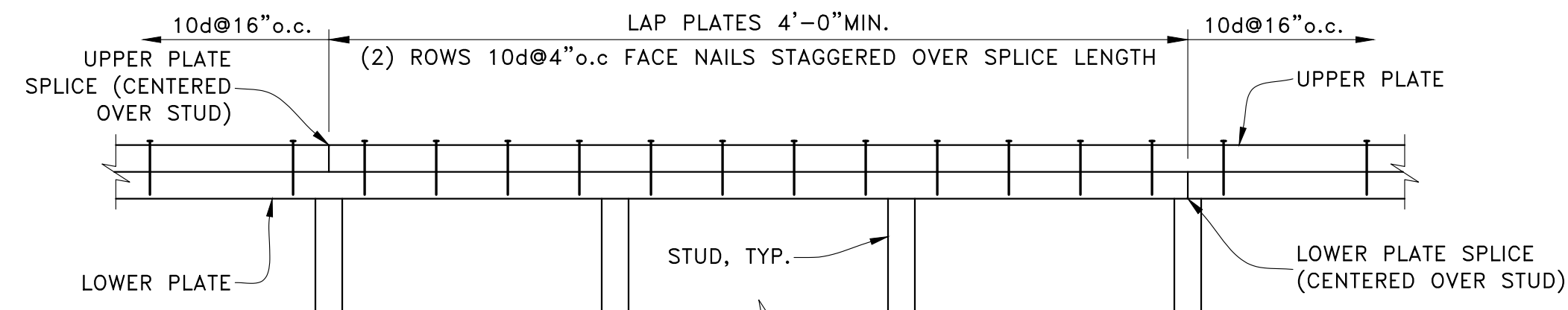
EXTERIOR HEADER @ 2x6 WALLS

NOTE: RAKE AND GABLE END WALL STUDS SHALL BE B.F. FULL HEIGHT FROM FLOOR SOLE PLATE TO SLOPED ROOF DBL TOP PLATE. DO NOT PLATFORM FRAME RAKE OR GABLE END WALLS



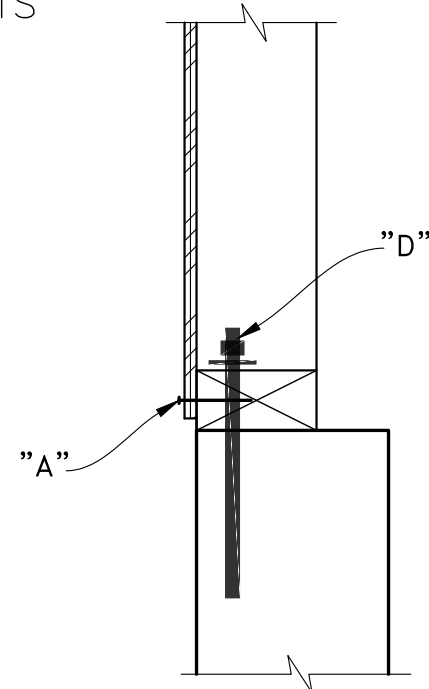
TYPICAL STUD WALL FRAMING

SCALE: NTS

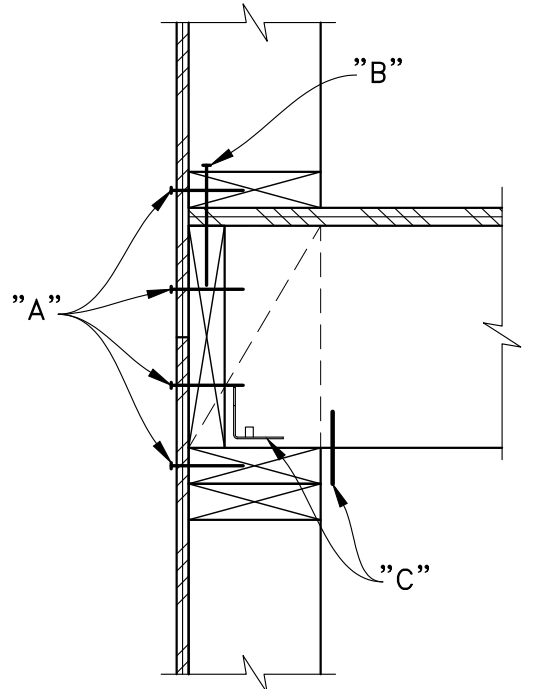


TYPICAL DOUBLE TOP PLATE SPLICE

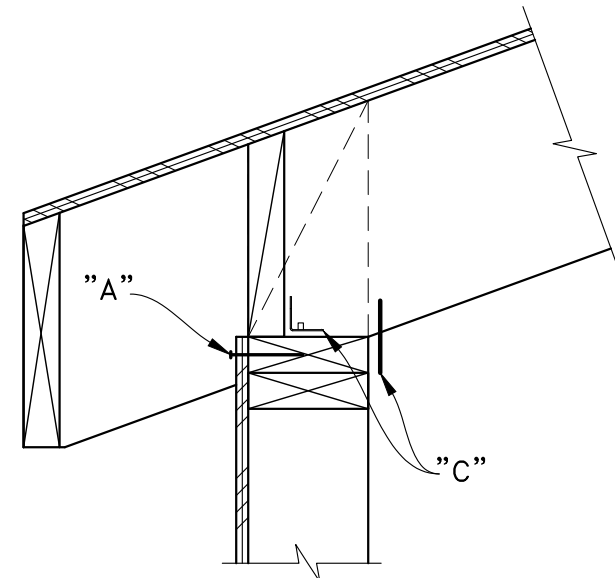
SCALE: NTS



FOUNDATION LEGEND



UPPER FLOOR LEGEND



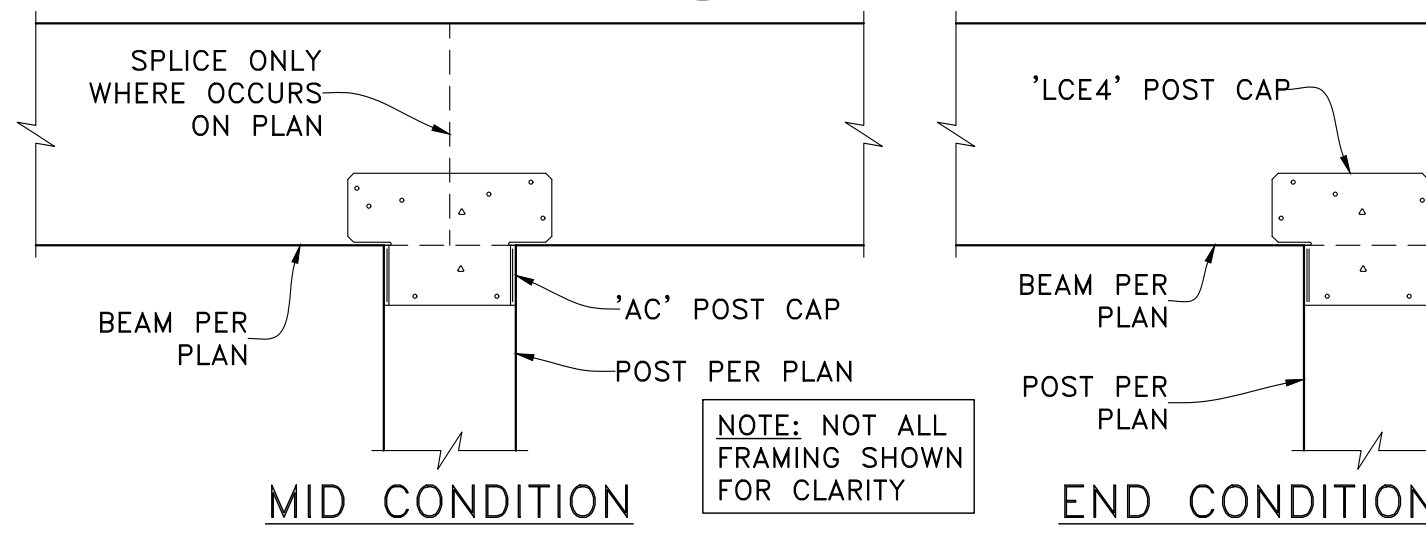
ROOF LEGEND

SHEAR WALL SCHEDULE (1/2" SHEATHING-RATED WOOD STRUCTURAL PANELS)							
SHEAR WALL MARK	CAPACITY (PLF)	EDGE NAILING "A"	FIELD NAILING	FRAMING AT ADJOINING PANEL EDGES	SOLE PLATE FASTENERS "B"	FRAMING CLIPS "C"	SILL ANCHOR BOLT SPACING - "D"
①	310	10d@6"o.c.	10d@12"o.c.	2x NOMINAL	'SDS25600' @ 8"o.c. ⁴	'A34' OR 'LTP4' @ 16"o.c. ⁵	4'-0"o.c. ⁶
②	460	10d@4"o.c.	10d@12"o.c.	2x NOMINAL	'SDS25600' @ 8"o.c. ⁴	'A34' OR 'LTP4' @ 8"o.c. ⁵	2'-8"o.c. ⁶
③	600	10d@3"o.c. ¹	10d@12"o.c.	3x OR 2-2x NOMINAL ³	'SDS25600' @ 8"o.c. ⁴	'A34' OR 'LTP4' @ 8"o.c. ⁵	2'-8"o.c. ⁶
④	770	10d@2"o.c. ¹	10d@12"o.c.	3x OR 2-2x NOMINAL ³	'SDS25600' @ 4"o.c. ⁴	'A34' OR 'LTP4' @ 8"o.c. ⁵	1'-4"o.c. ⁶
DBL SIDED ②	920	10d@4"o.c. ¹	10d@12"o.c.	3x OR 2-2x NOMINAL ³	'SDS25600' @ 4"o.c. ⁴	'A34' OR 'LTP4' @ 4"o.c. ⁵	1'-4"o.c. ⁶
DBL SIDED ③	1200	10d@3"o.c. ¹	10d@12"o.c.	3x OR 2-2x NOMINAL ³	'SDS25600' @ 4"o.c. ⁴	'A34' OR 'LTP4' @ 4"o.c. ⁵	1'-4"o.c. ⁶
DBL SIDED ④	1540	10d@2"o.c. ¹	10d@12"o.c.	3x OR 2-2x NOMINAL ³	'SDS25600' @ 3"o.c. ⁴	'A34' OR 'LTP4' @ 4"o.c. ⁵	8"o.c. ⁶

- NOTES**
- 1) STAGGER ROWS OF EDGE NAILING 1/2" APART. ON DBL SIDED WALLS, STAGGER EDGE NAILS ON PANELS ON OPPOSITE SIDES OF WALL.
 - 2) NAILING TO ALL INTERMEDIATE FRAMING MEMBERS IN FIELD OF PANEL
 - 3) PANEL EDGE NAILING SHALL BE STAGGERED. 2-2x FRAMING MEMBERS SUPPORTING PANEL EDGES SHALL BE FACE NAILED WITH 10d, SPACING TO MATCH PANEL EDGE NAILING, STAGGERED. STAGGER PANEL EDGES IN OPPOSITE PANELS MIN. 2'-0" APART ON DBL SIDED SHEAR WALLS.
 - 4) SCREWS SHALL HAVE MIN. 2" PENETRATION INTO RIM JOIST/ BLOCKING - USE LONGER SCREWS IF NECESSARY.
 - 5) FRAMING CLIPS ARE ONLY REQUIRED WHERE SPECIFIED ON FRAMING DETAILS.
 - 6) SEE GENERAL NOTES 7.6 & 7.8 FOR MORE INFORMATION.

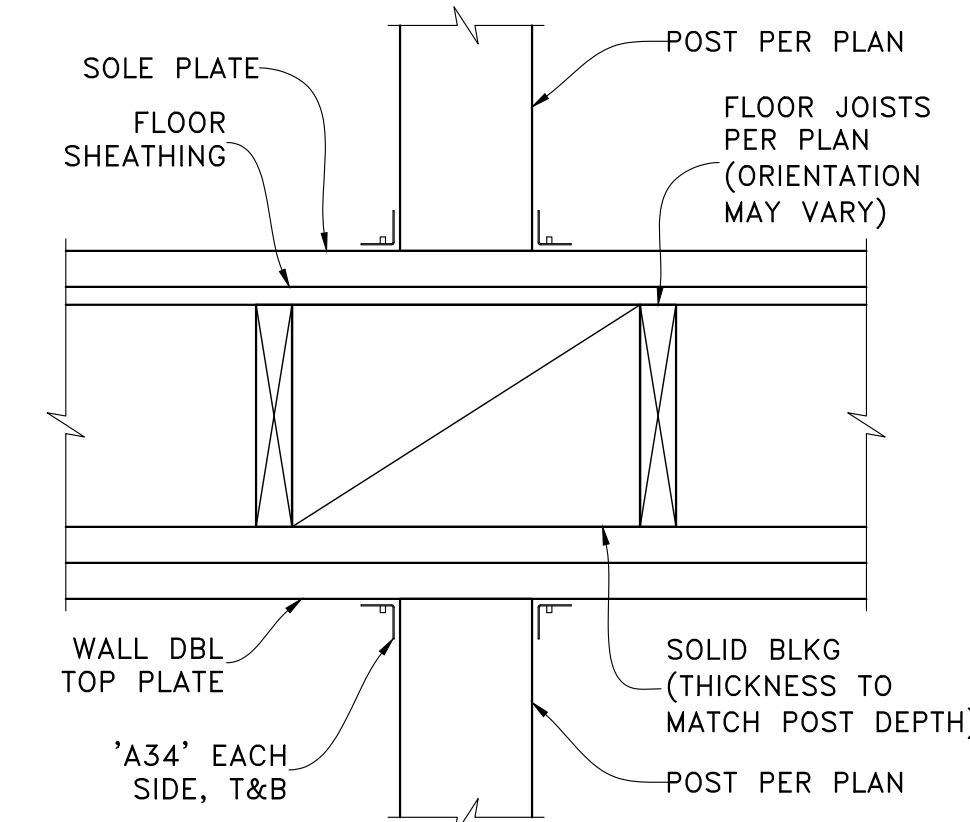
SHEAR WALL SCHEDULE (S.W.S.)

SCALE: NTS



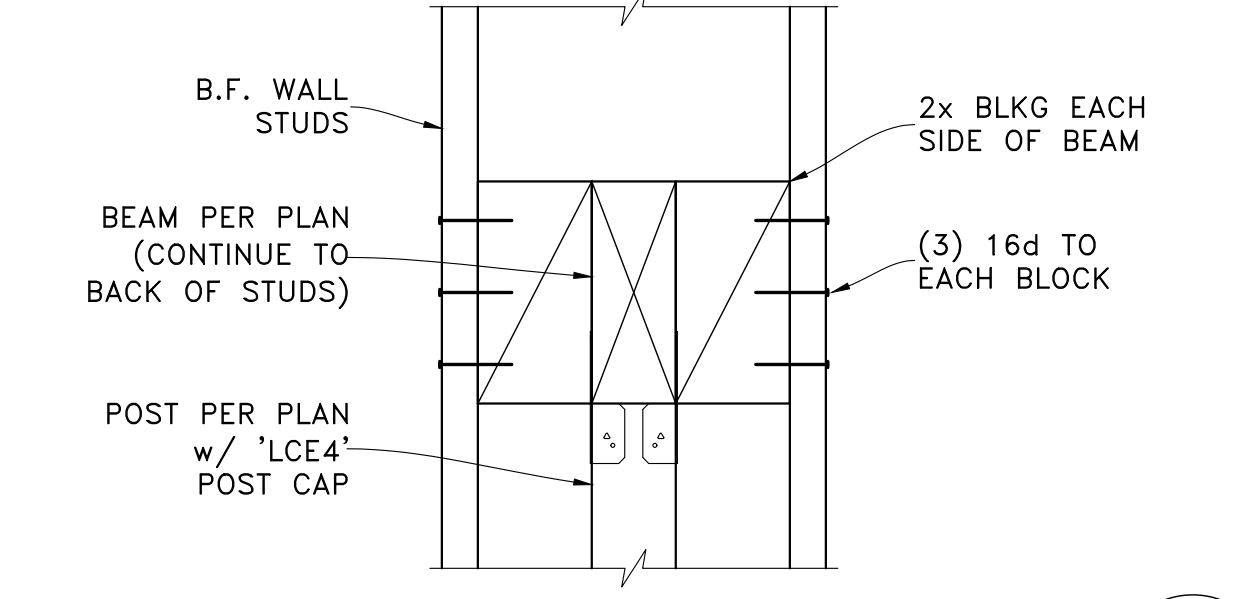
BEAM TO ISOLATED POST

SCALE: NTS



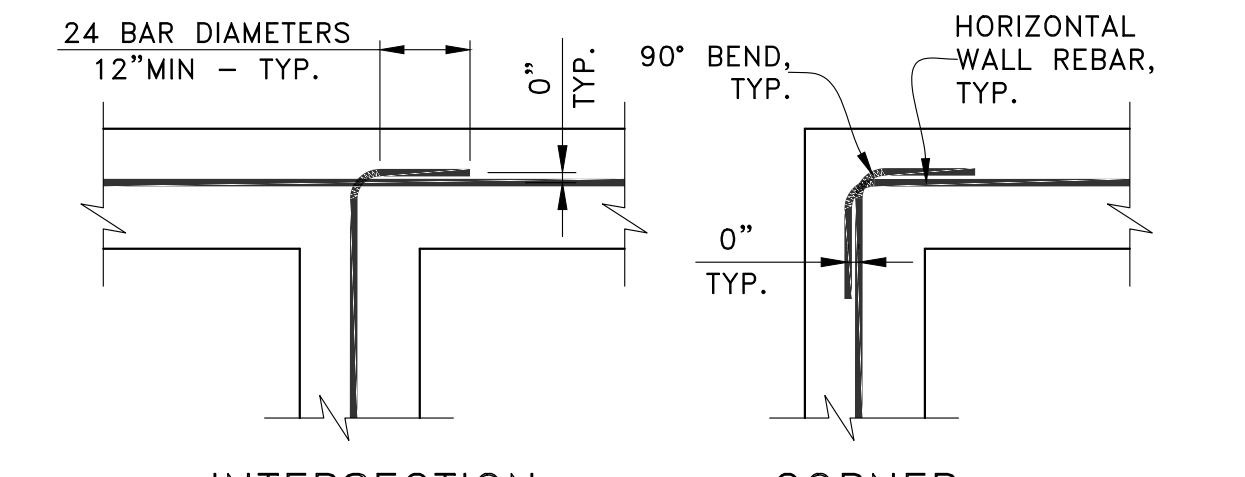
POST IN WALL AT FLOOR

SCALE: NTS



POST IN BALLOON-FRAMED WALL

SCALE: NTS



TYPICAL FOOTING AND WALL CORNERS

SCALE: NTS

HOLDOWN	ANCHOR	ANCHOR EMBEDMENT
H DU2	SB8x24	18"
H DU4	SB8x24	18"
H DU5	SB8x24	18"
H DU8	SB8x24	18"
H DU14	SB1x30	24"

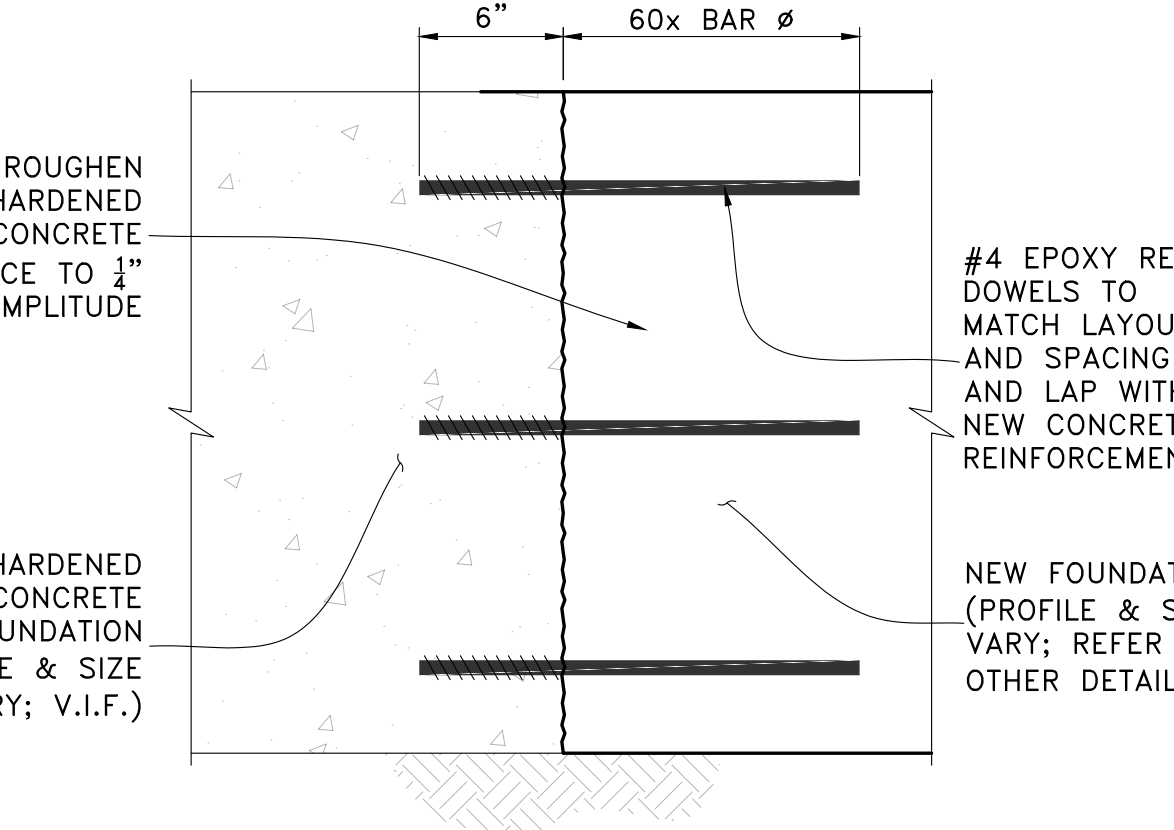
- NOTES:**
- 1) SEE GENERAL NOTE 7.7 FOR ADDITIONAL HOLDOWN SPECIFICATIONS NOT NOTED HEREIN.
 - 2) NOT ALL FOUNDATION REINFORCEMENT SHOWN FOR CLARITY (REFER TO OTHER DETAILS)

HOLDOWN	ANCHOR	ANCHOR* EMBEDMENT	MIN. EDGE DISTANCE*
H DU2	3/8" A.T.R.	18"	5"
H DU4	3/8" A.T.R.	18"	3"
H DU5	3/8" A.T.R.	18"	3"
H DU8	3/8" A.T.R.	24"	4"

*V.I.F. & NOTIFY ENGINEER FOR ADDITIONAL REQUIREMENTS IF MIN. EDGE DISTANCES, EMBEDMENT OR ANCHOR CLEARANCE TO BOTTOM OF FOOTING ARE NOT ACHIEVABLE (THROUGH BOLTING WILL BE REQUIRED)

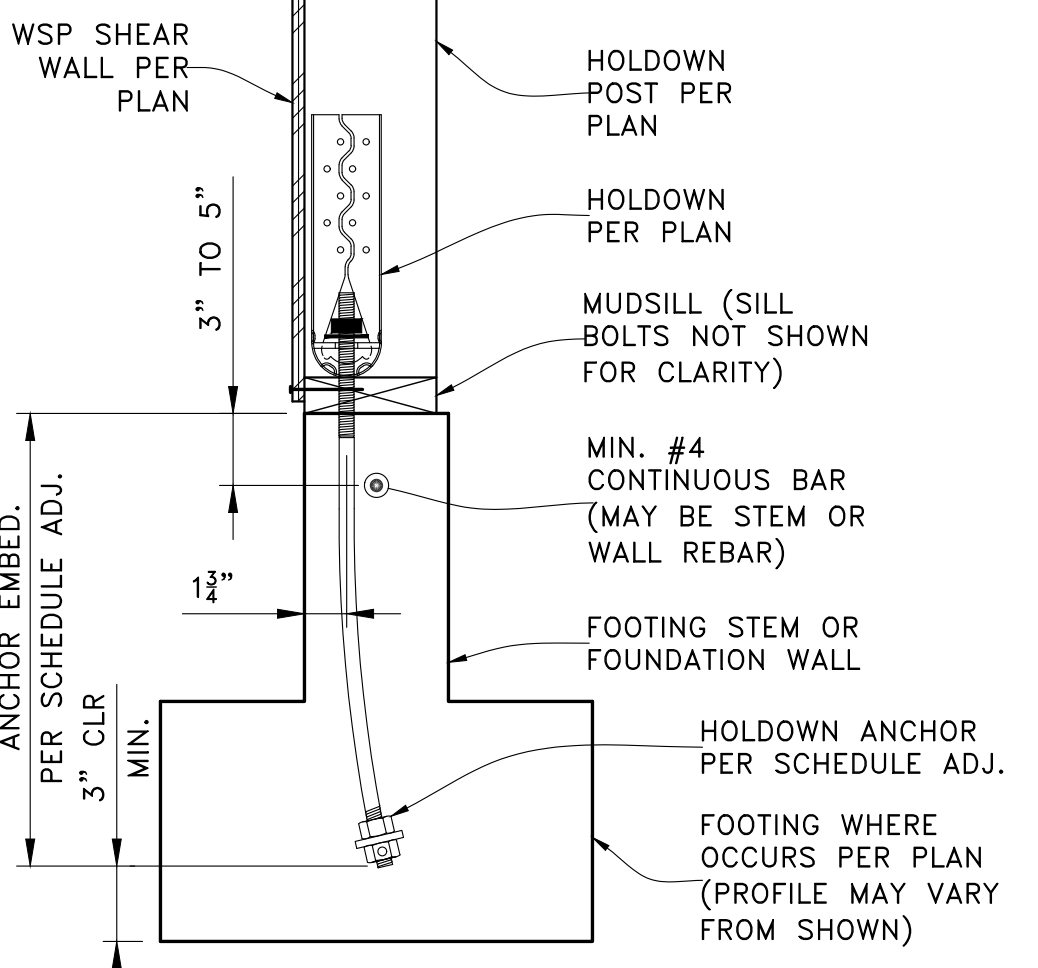
HOLDOWN AT CORNER

SCALE: NTS



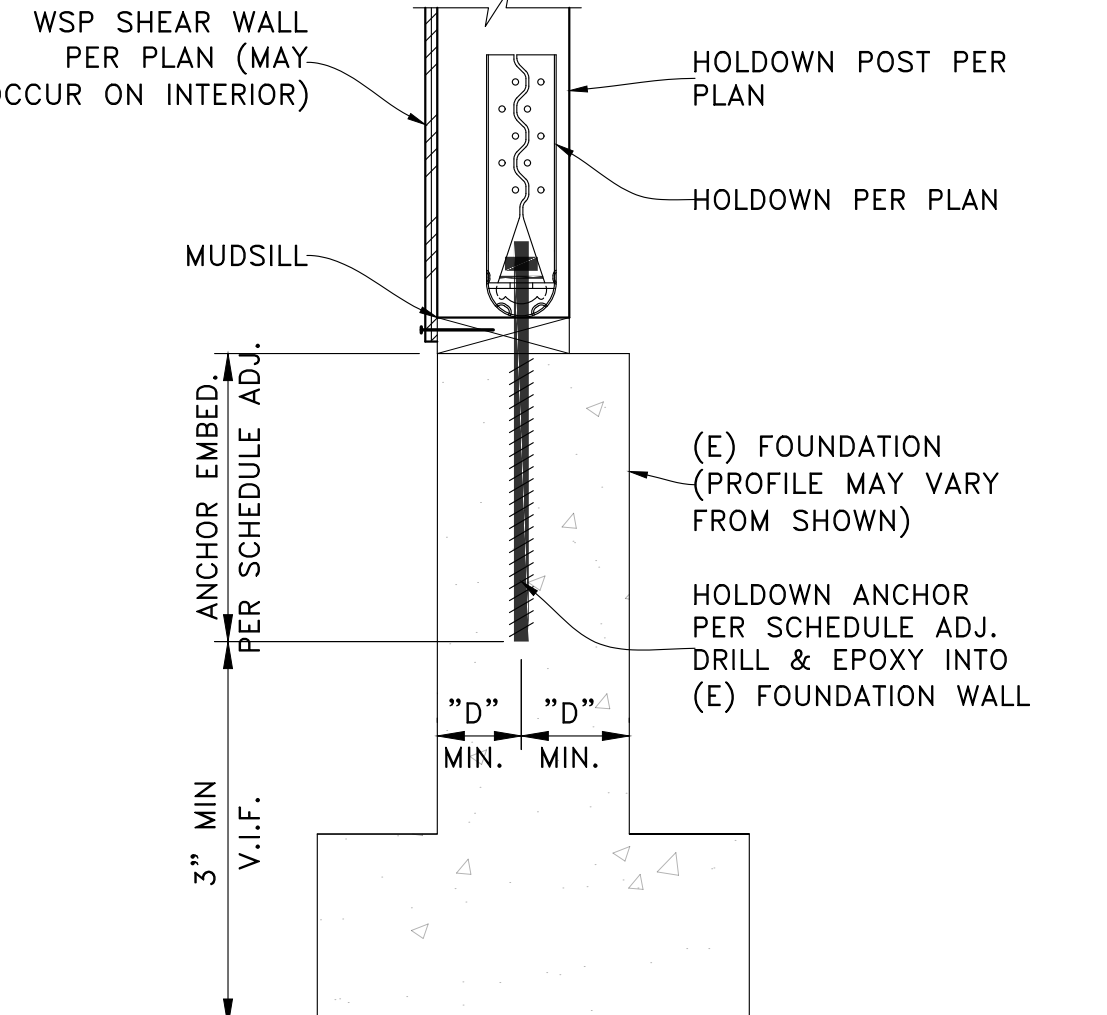
TYPICAL FRESH TO HARDENED CONCRETE

SCALE: NTS



TYPICAL HOLDOWN AT FOUNDATION

SCALE: NTS



TYPICAL HOLDOWN AT EXISTING FOUNDATION

SCALE: NTS

PERMIT SET	
REV	DATE

PROJECT: **ADDITIONS & ALTERATIONS**
6020 94th Ave SE
Mercer Island, WA 98040

CLIENT: **HADRIAN & SINDHU KNOTZ**
6020 94th Ave SE
Mercer Island, WA 98040



ENGINEER OF RECORD

O.G. ENGINEERING, PLLC
3201 1st Ave S, Suite 101, Seattle, WA 98134
(206) 290-4408
owen@ogengineer.com

SCALE: AS NOTED
JOB NO. 22050

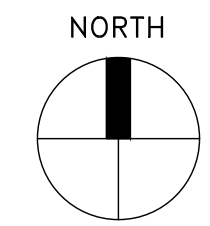
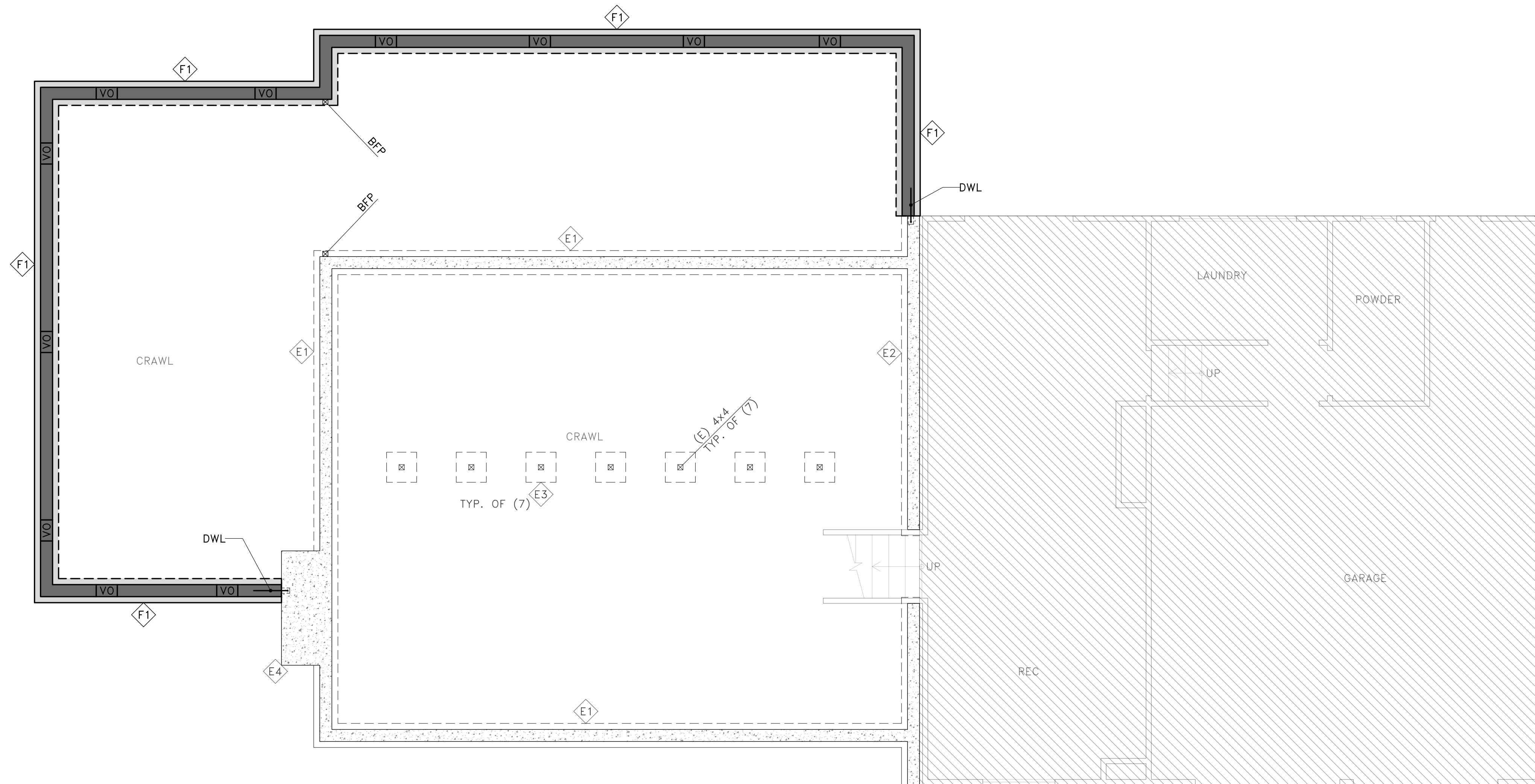
SHEET NO. **S2**

PLAN LEGEND

	CONCRETE FOUNDATION WALL PER FOUNDATION SCHEDULE BELOW
	CONCRETE SPREAD FOOTING PER FOUNDATION SCHEDULE BELOW
	(E) CONCRETE FOUNDATION WALL PER FOUNDATION SCHEDULE BELOW
	(E) CONCRETE SPREAD FOOTING PER FOUNDATION SCHEDULE BELOW
	NEW OR (E) STUD WALL ABOVE FLOOR
	WINDOW BY ARCH (S.A.D.)
	POST ABOVE FOUNDATION PER (B/S6)
	EPOXY REBAR DOWEL NEW TO (E) FOUNDATION PER (K/S2)
	NOT IN CONTRACT/ NOT IN SCOPE; (E) STRUCTURAL INFO NSFC
BFP	4x4 PT POST (U.O.N.) PER PLAN FROM T.O. FOOTING TOE TO U/S MAIN FLOOR OR DECK BEAM w/ 'LCE4Z' TO BEAM & 1/2" EPOXY ANCHORS w/ 5" EMBED. INTO CONCRETE STEM WALL PLACED 6" FROM T.O. POST & @12" o.c. VERTICAL SPACING BTWN. CENTER VERTICAL ANCHOR ROW ON POST. PLACE W.P. BARRIER (BY OTHERS) BTWN UNTREATED WOOD AND CONCRETE
VO	MAX. 14" WIDE VENT OPNG @ T.O. FNDN WALL BY ARCH. MUDSILL SHALL BE CONT. o/ T.O. OPNG & FOR 12" BEYOND EACH SIDE

FOUNDATION SCHEDULE

F1	8" CRAWLSPACE FOUNDATION WALL w/ 16" WIDE FOOTING PER (A/S6)
E1	(E) 8" CRAWLSPACE FOUNDATION WALL w/ 16" WIDE T-FOOTING
E2	(E) 8" BASEMENT FOUNDATION WALL w/ 16" WIDE T-FOOTING
E3	(E) 20" SQ. CRAWLSPACE PAD FOOTING
E4	(E) CONCRETE CHIMNEY PAD (V.I.F.)



PERMIT SET

REV	DATE	DESCRIPTION
02-07-23		PERMIT SET

PROJECT: ADDITIONS & ALTERATIONS
6020 94th Ave SE
Mercer Island, WA 98040

CLIENT: HADRIAN & SINDHU KNOTZ
6020 94th Ave SE
Mercer Island, WA 98040



ENGINEER OF RECORD

O.G. ENGINEERING, PLLC
3201 1st Ave S, Suite 101, Seattle, WA 98134
(206) 290-4008
owen@ogengineer.com

SHEET TITLE: LOWER FLOOR FOUNDATION PLAN

SCALE: AS NOTED
JOB NO. 22050

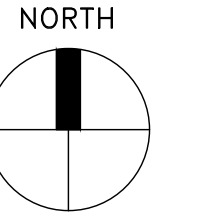
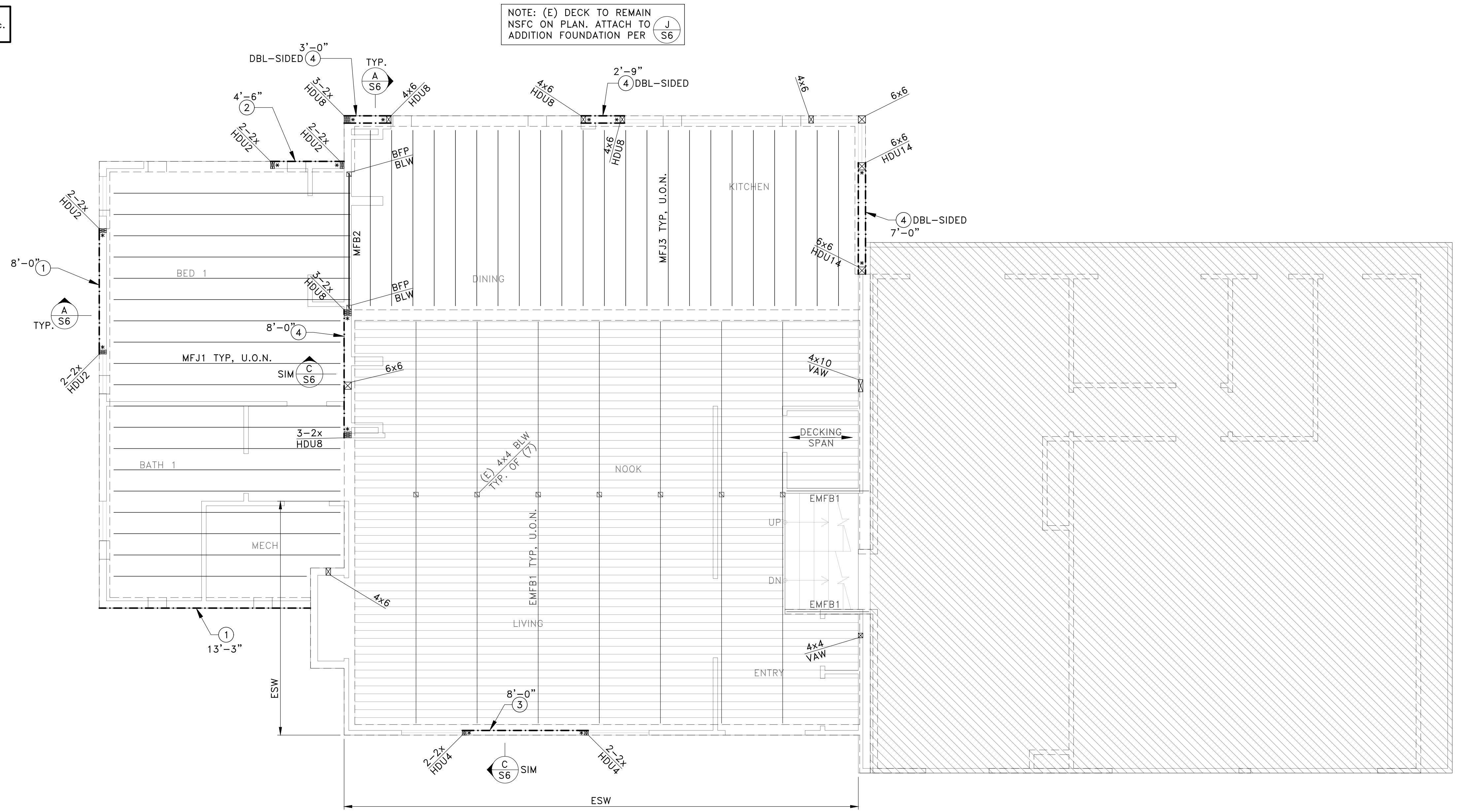
SHEET NO. S3

PLAN LEGEND

	NEW OR (E) STUD WALL ABOVE FLOOR
	WALL BELOW FLOOR
	WINDOW BY ARCH (S.A.D.)
	1/2" W.S.P. SHEAR WALL TYPE (X) AND DETAIL w/ MIN. LENGTH 'L', PER (I) AND (S2) CALLOUTS ON PLAN
	POST ABOVE OR BELOW FLOOR PER (E-F) AND (B) AND (S2) AND (S8)
	POST & HOLDOWN PER (L-M) AND (S2)
	(E) 2x CAR DECKING SPANNING IN INDICATED DIRECTION
	NOT IN CONTRACT/ NOT IN SCOPE; (E) STRUCTURAL INFO NSFC
BFP	SEE SHEET S3 PLAN LEGEND
ESW	EXTEND (E) STUD WALL BY REMOVING (E) TOP PLATES, SISTER-IN-KIND NEW FULL-HEIGHT STUDS TO (E) w/ 10d@6"o.c. AND PLACING NEW TOP PLATES ON TOP OF SISTER STUDS V.I.F. THAT POST ALIGNS WHOLLY OVER (E) FOUNDATION WALL BLW. IF DIFFERENT, NOTIFY ENGR FOR ADD'L REQUIREMENTS PRIOR TO CONSTRUCTION
VAW	
EHDR	(E) DROPPED HEADER OVER WALL OPENING BELOW
	BEAM HANGER FLUSH-FRAMED JOIST OR BEAM CONNECTION; SEE FRAMING SCHEDULE FOR HANGERS, U.O.N. ON PLAN OR DETAILS (JOIST HANGERS NOT SHOWN ON PLAN FOR CLARITY)
	JOIST OR BEAM BEARING ON DROPPED BEAM OR HEADER (BEARING WALL SIM). POST DOWN TO HEADER WHERE OCCURS (POST WIDTH TO MATCH BEAM, NOT SHOWN FOR CLARITY). INSTALL FULL-DEPTH BLKG EACH SIDE OF JOIST OR BEAM OVER SUPPORT

FRAMING SCHEDULE

CALLOUT	JOIST/BREAM	HANGER (U.O.N. ON PLAN)	REFER TO DETAIL(S) (OR SEE NOTES BLW)
MFJ1	2x12 @16"o.c.	JB212A	(A) (E) (S6) (S6)
MFB2	4x10 (DROPPED)	N/A	N/A
MFJ3	2x10 @16"o.c.	JB210A	(A) (E) (S6) (S6)
EMFB1	(E) 4x10 @48"o.c. (DROPPED)	N/A	N/A



PERMIT SET

REV	DATE	DESCRIPTION
02-07-23		PERMIT SET

PROJECT: ADDITIONS & ALTERATIONS
6020 94th Ave SE
Mercer Island, WA 98040

CLIENT: HADRIAN & SINDHU KNOTZ
6020 94th Ave SE
Mercer Island, WA 98040



ENGINEER OF RECORD

O.G. ENGINEERING, PLLC
3201 1st Ave S, Suite 101, Seattle, WA 98134
(206) 290-4008
owen@ogengineer.com

SHEET TITLE: MAIN FLOOR FRAMING PLAN

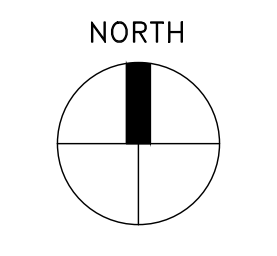
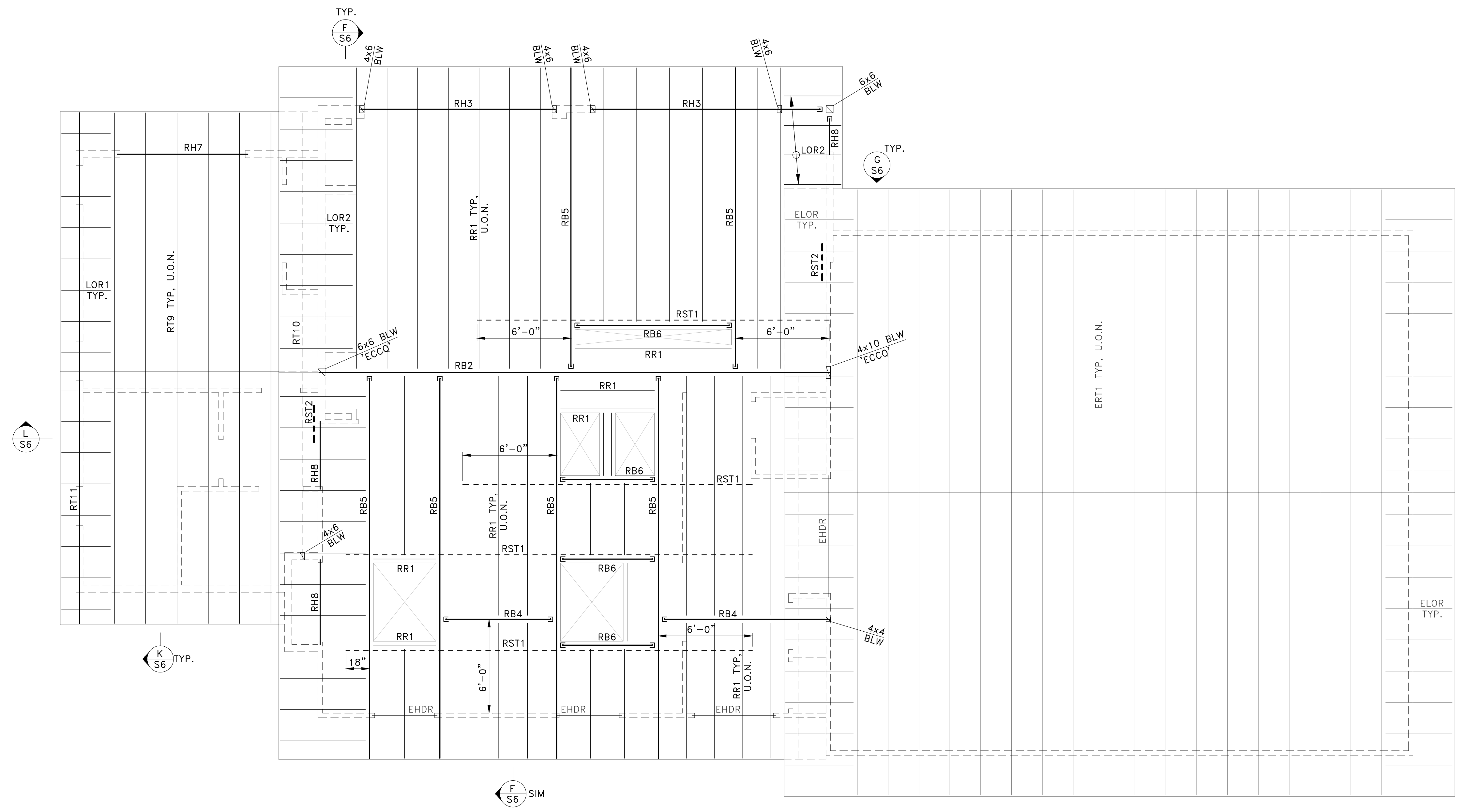
PLAN LEGEND

	WALL BELOW ROOF
	POST BELOW ROOF PER (E-F) U.O.N.
	METAL STRAP ON OR BELOW ROOF PER PLAN
RST1	CONT. 'CS20' STRAP o/ ROOF SHEATHING CENTERED o/ PARALLEL BEAM/ JOIST OR 2x4 FLAT BLKG. ADD FRAMING MEMBERS & BLKG AS REQ'D TO ALIGN BLW STRAP. NAIL EVERY 3RD HOLE IN STRAP.
RST2	'MSTC28' STRAP ACROSS SIDE FACE OF NEW TO (E) DBL TOP PLATE. PLACE OVER WALL SHEATHING WHERE OCCURS. SHIM w/ PLYWOOD WHERE REQ'D FOR FLUSH UNDERLAY
LOR1	TRUSS ROOF LOOKOUT RAFTERS PER (L) S6
LOR2	STICK ROOF LOOKOUT RAFTERS PER (G) S6
EHDR	(E) DROPPED HEADER OVER WALL OPENING BELOW
ELOR	(E) LOOKOUT RAFTERS
	FLUSH-FRAMED JOIST OR BEAM CONNECTION; SEE FRAMING SCHEDULE FOR HANGERS, U.O.N. ON PLAN OR DETAILS (JOIST HANGERS NOT SHOWN ON PLAN FOR CLARITY)
	JOIST OR BEAM BEARING ON DROPPED BEAM OR HEADER (BEARING WALL SIM). POST DOWN TO HEADER WHERE OCCURS (POST WIDTH TO MATCH BEAM, NOT SHOWN FOR CLARITY). INSTALL FULL-DEPTH BLKG EACH SIDE OF JOIST OR BEAM OVER SUPPORT

FRAMING SCHEDULE

CALLOUT	JOIST/BEAM	HANGER (U.O.N. ON PLAN)	REFER TO DETAIL(S) (OR SEE NOTES BLW)
RR1	2x12 @24"o.c.	LRU212Z (SLOPED) LUS210 (STRAIGHT)	(F-G-M-N) S6 S6
RB2	5/8x24 PSL (RIDGE BEAM, TOP FLUSH w/ T.O. RR1)	N/A	(H) S6
RH3	3/8x12 GLB (DROPPED HEADER)	HUCQ412 (TO CORNER POST WHERE OCCURS)	(A) S2 SIM
RB4	4x12 (FLUSH w/ RR1)	HUS412	N/A
RB5	3/8x11 1/2 PSL (FLUSH w/ RR1)	HU412 (MANUFACTURED SLOPED)	N/A
RB6	4x12 (FLUSH w/ RR1)	LUS410	N/A
RH7	4x10 (DROPPED HEADER)	N/A	(A) S2
RH8	4x8 (DROPPED HEADER)	HUC48 (TO CORNER POST WHERE OCCURS)	(A) S2
RT9*	COMMON GABLE TRUSSES @24"o.c.	N/A	(K) S6
RT10*	TRUNCATED GABLE TRUSS	N/A	(I) S6 (K) S6
RT11*	STRUCTURAL GABLE END TRUSS	N/A	(L) S6 SPANS OVER WALL OPENINGS BELOW
ERT1	(E) COMMON GABLE TRUSSES @24"o.c.	N/A	N/A

*ALL METAL-PLATE CONNECTED WOOD TRUSSES, STRUCTURAL FASCIA MEMBERS, THEIR CONNECTIONS TO OTHER TRUSSES/FASCIAS AND TRUSS EAVE BLKG ARE DESIGN-BUILD BY TRUSS SUPPLIER, REFER TO SHEET S1, GENERAL NOTE 7.10 FOR TRUSS DESIGN CRITERIA AND OTHER INFO.

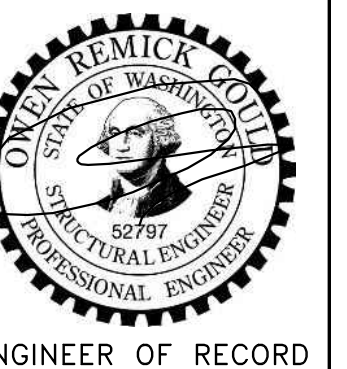


PERMIT SET

REV	DATE	DESCRIPTION
02	07-23	PERMIT SET

PROJECT: ADDITIONS & ALTERATIONS
6020 94th Ave SE
Mercer Island, WA 98040

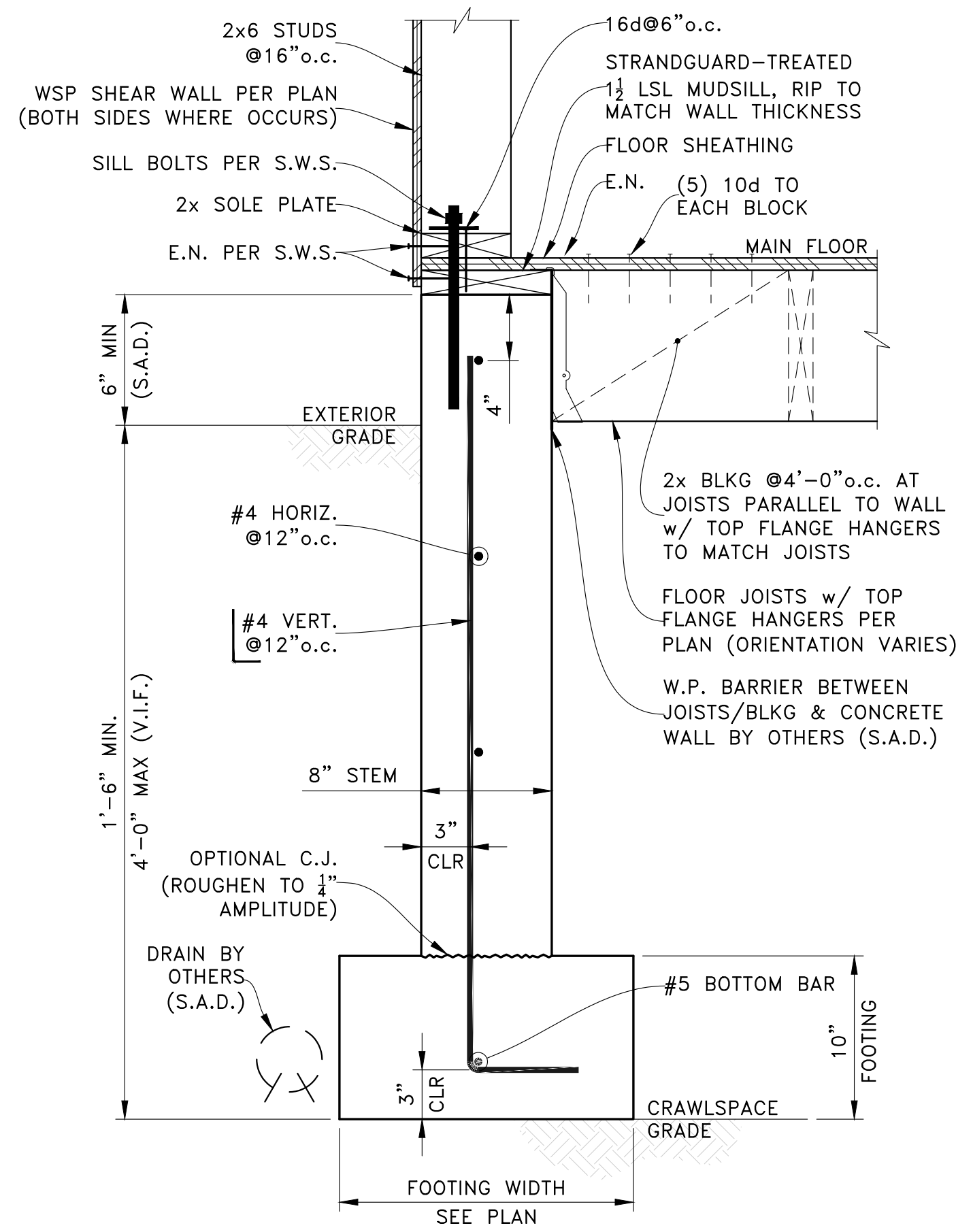
CLIENT: HADRIAN & SINDHU KNOTZ
6020 94th Ave SE
Mercer Island, WA 98040



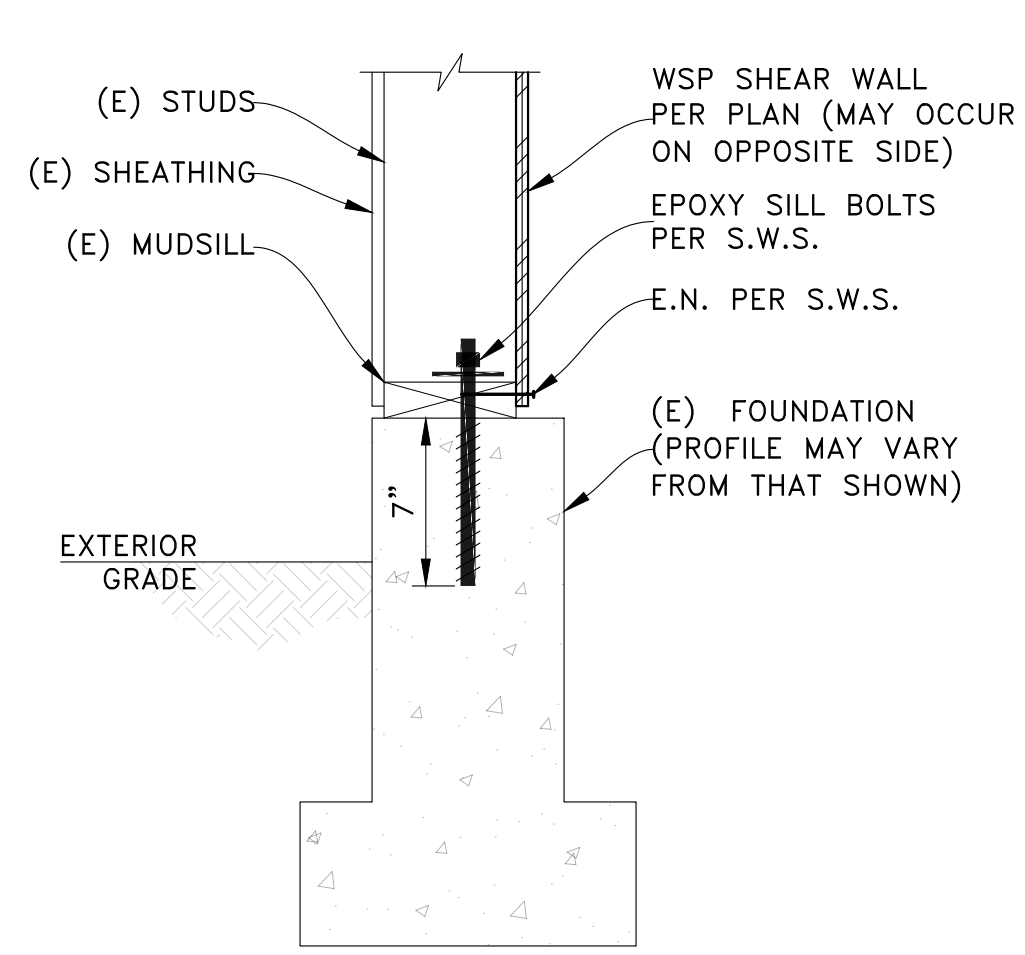
ENGINEER OF RECORD

O.G. ENGINEERING, PLLC
3201 1st Ave S, Suite 101, Seattle, WA 98134
(206) 290-4008
owen@ogengineer.com

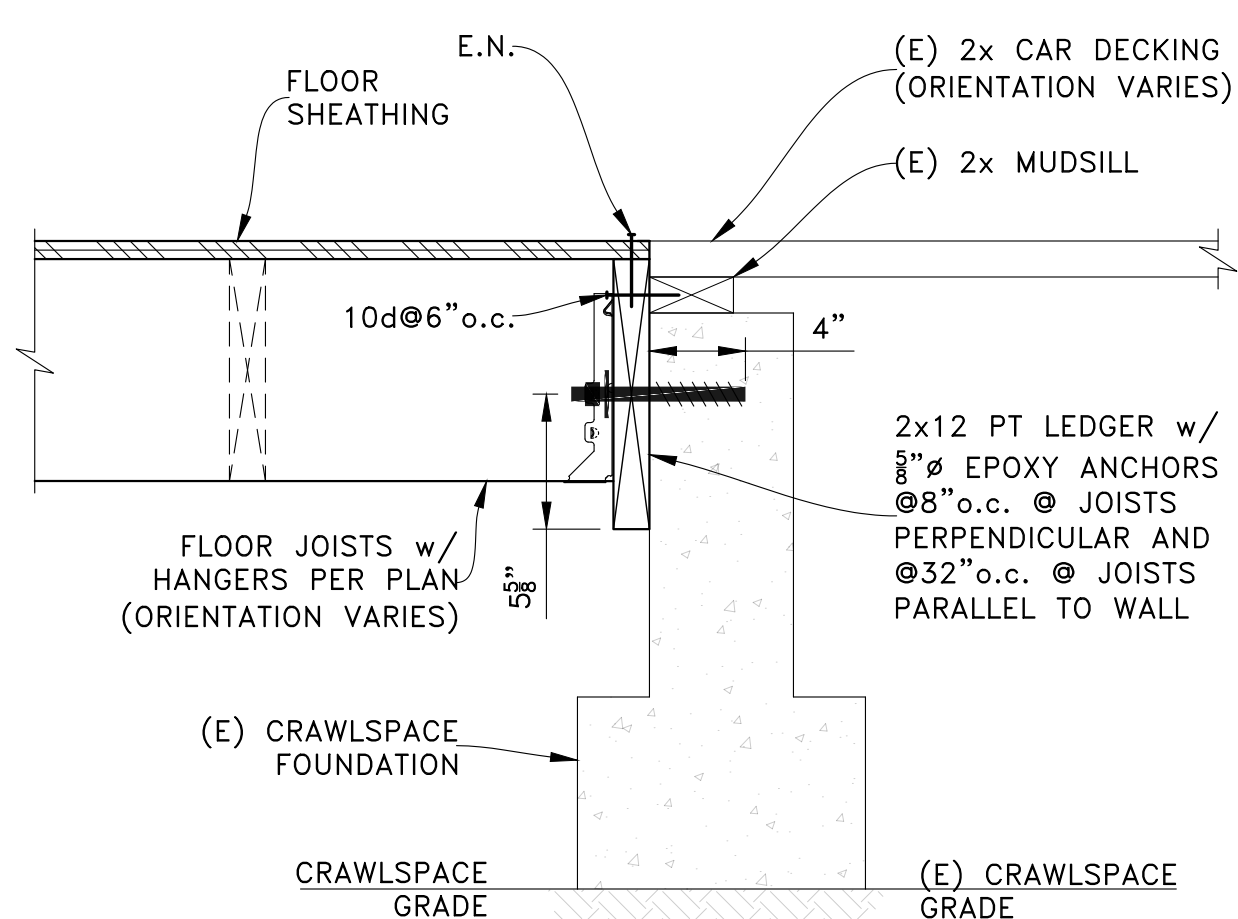
SHEET TITLE: ROOF FRAMING PLAN



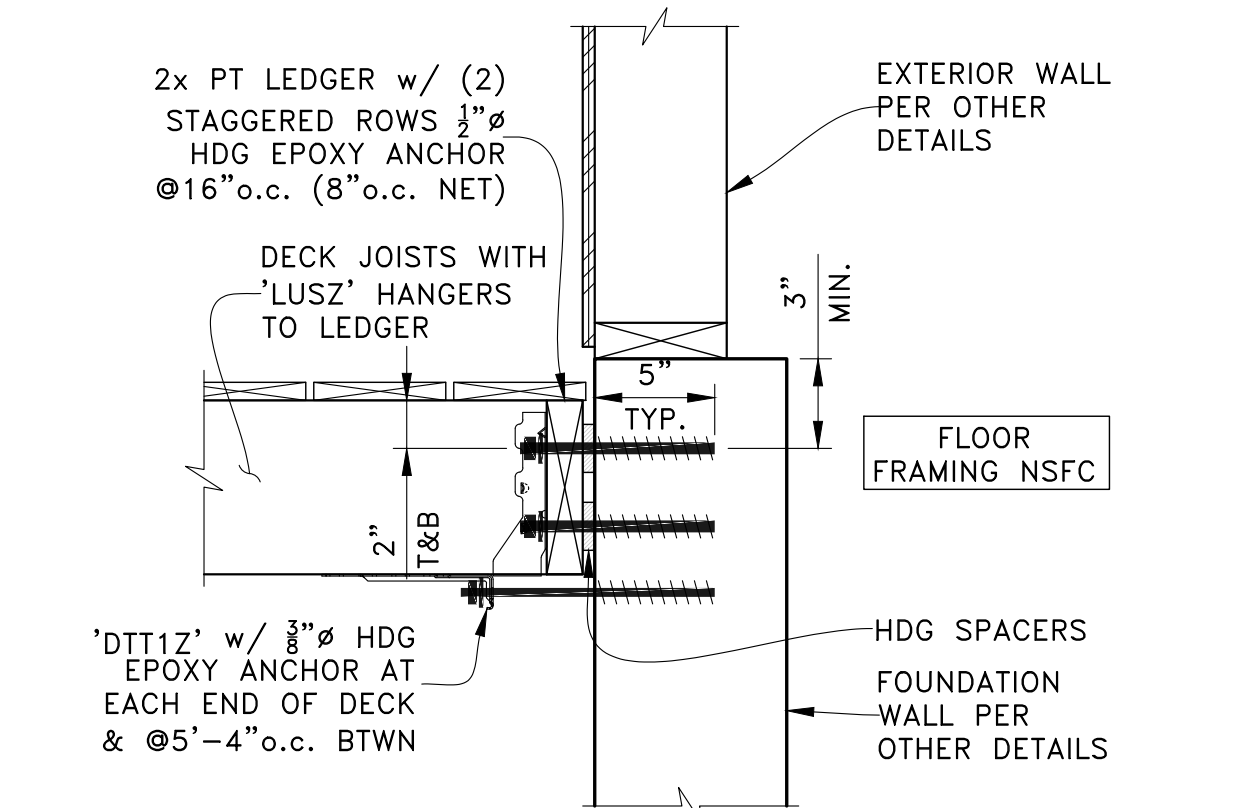
EXTERIOR CRAWLSPACE FOUNDATION WALL (A)
SCALE: NTS



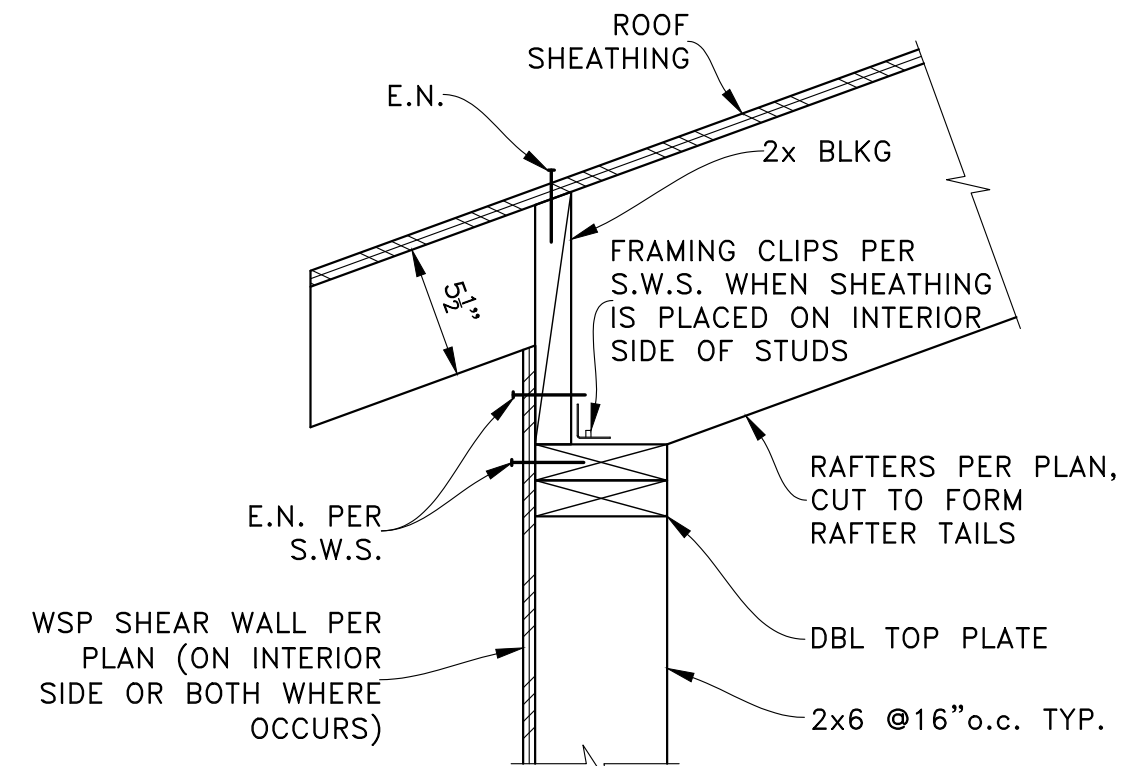
SHEAR WALL ON EXISTING FOUNDATION (C)
SCALE: NTS



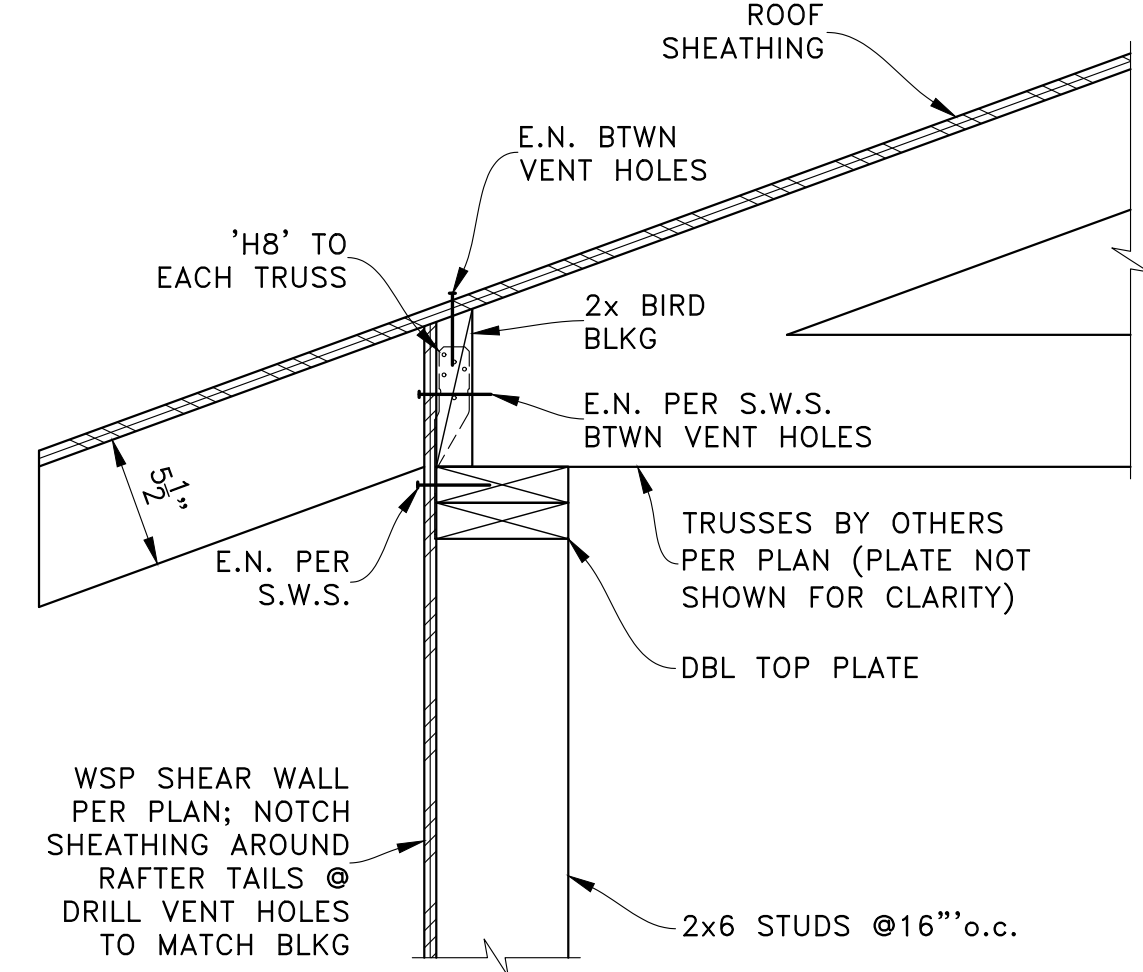
FLOOR TO EXISTING FOUNDATION (E)
SCALE: NTS



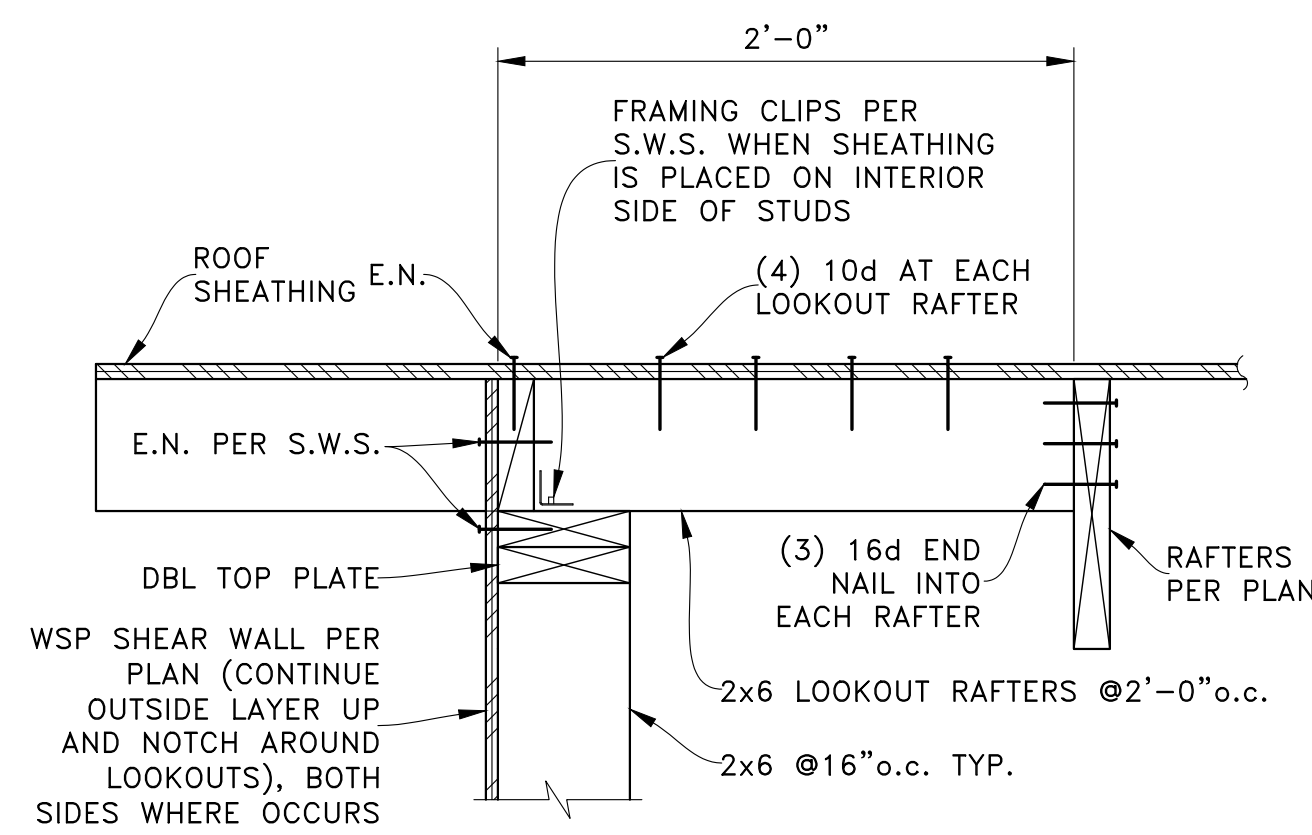
DECK TO FOUNDATION (J)
SCALE: NTS



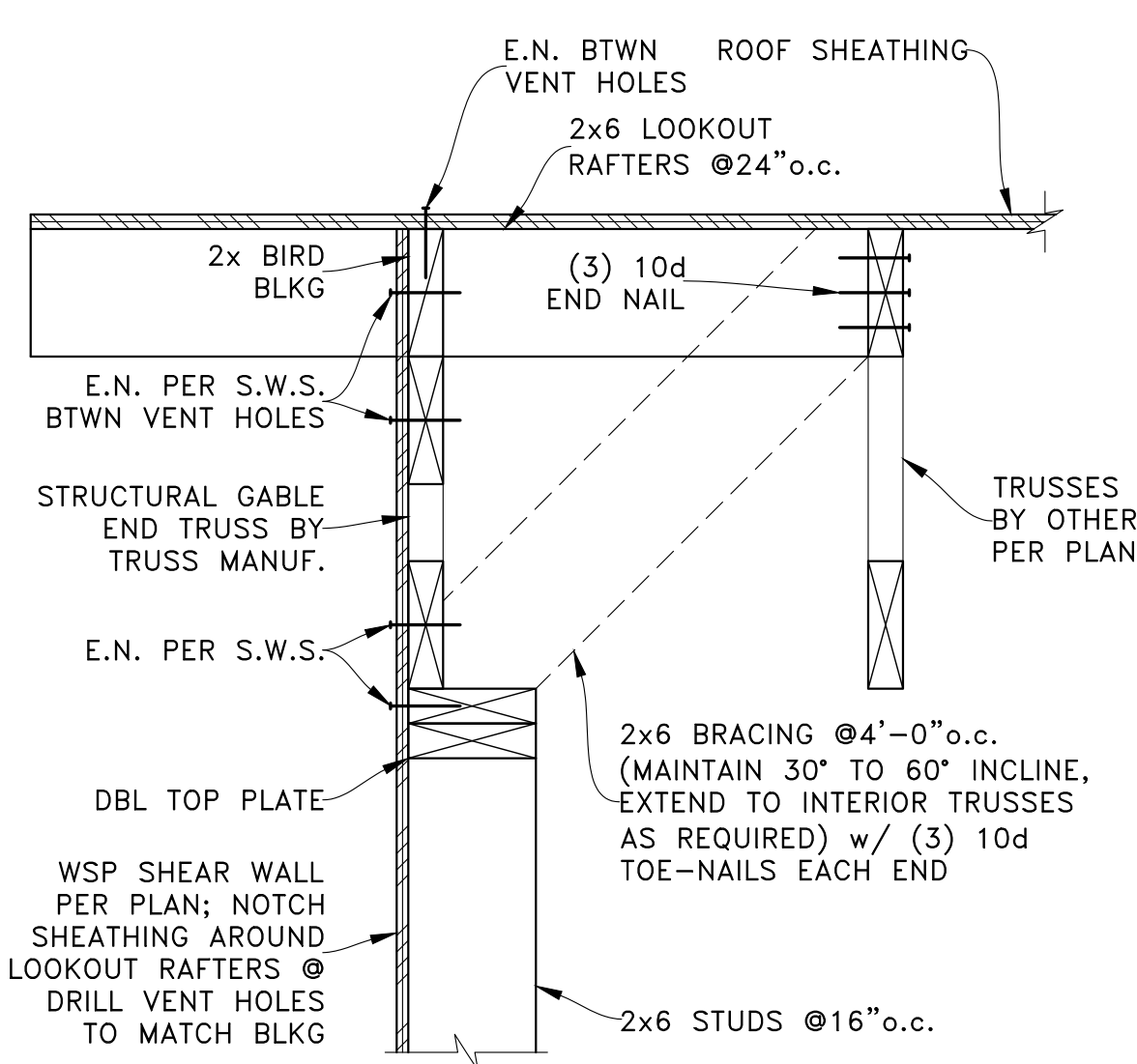
STICK ROOF EAVE (F)
SCALE: NTS



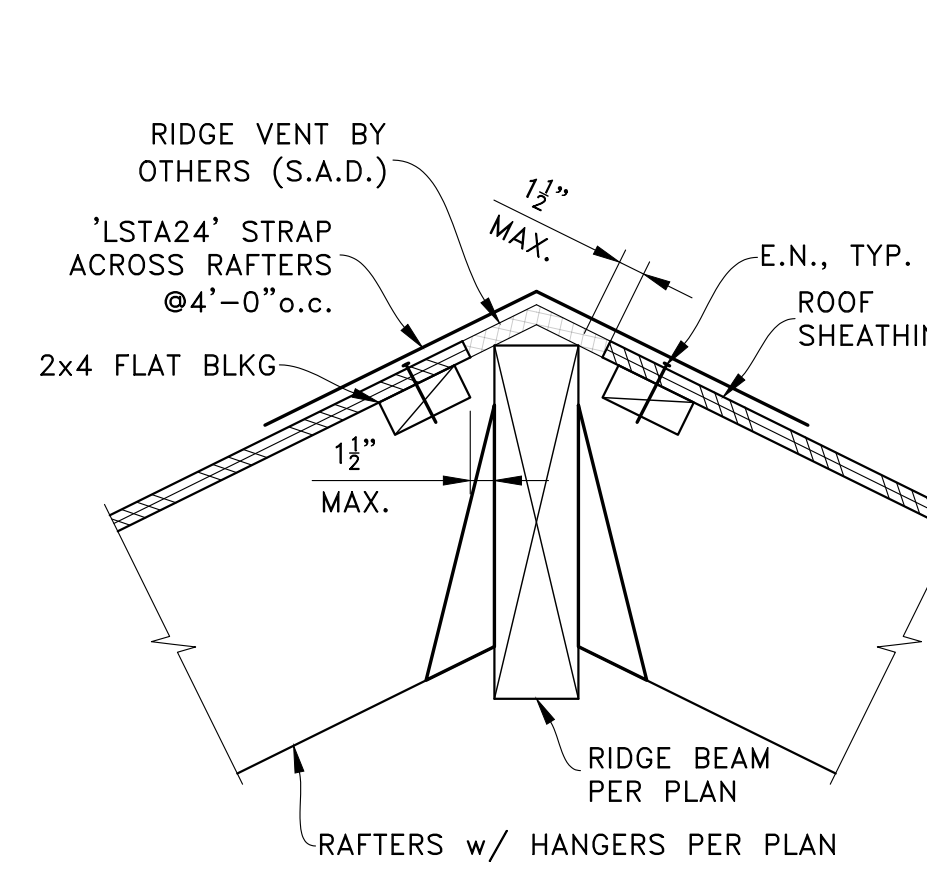
TRUSS ROOF EAVE (K)
SCALE: NTS



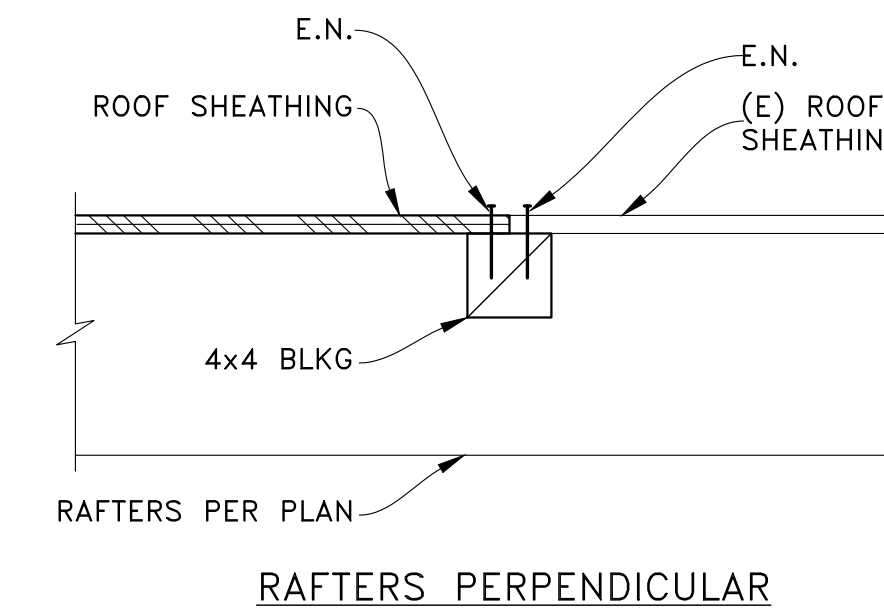
STICK ROOF RAKE (G)
SCALE: NTS



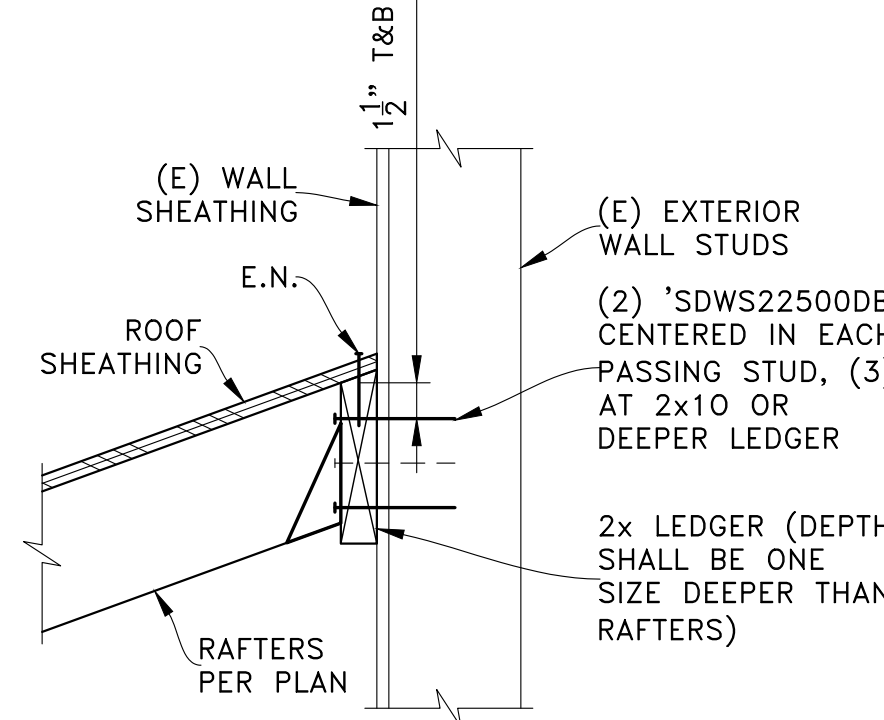
TRUSS ROOF RAKE (L)
SCALE: NTS



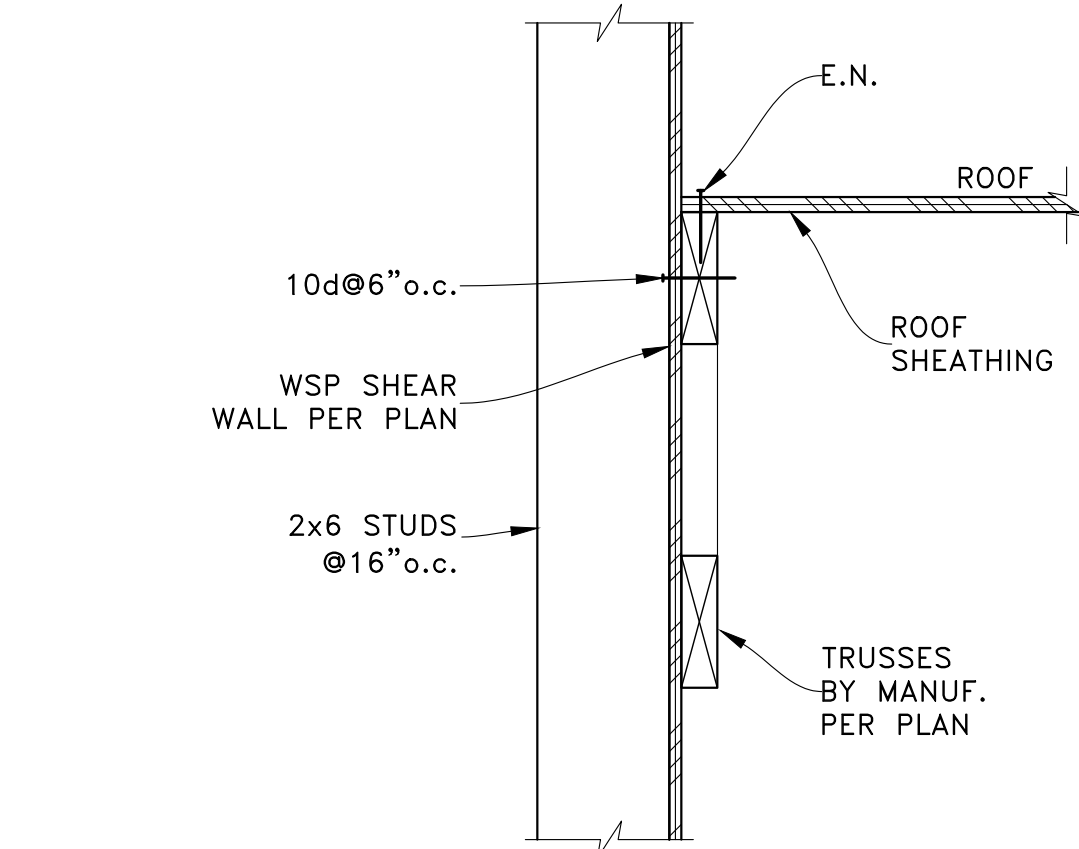
RIDGE BEAM AT VENT (H)
SCALE: NTS



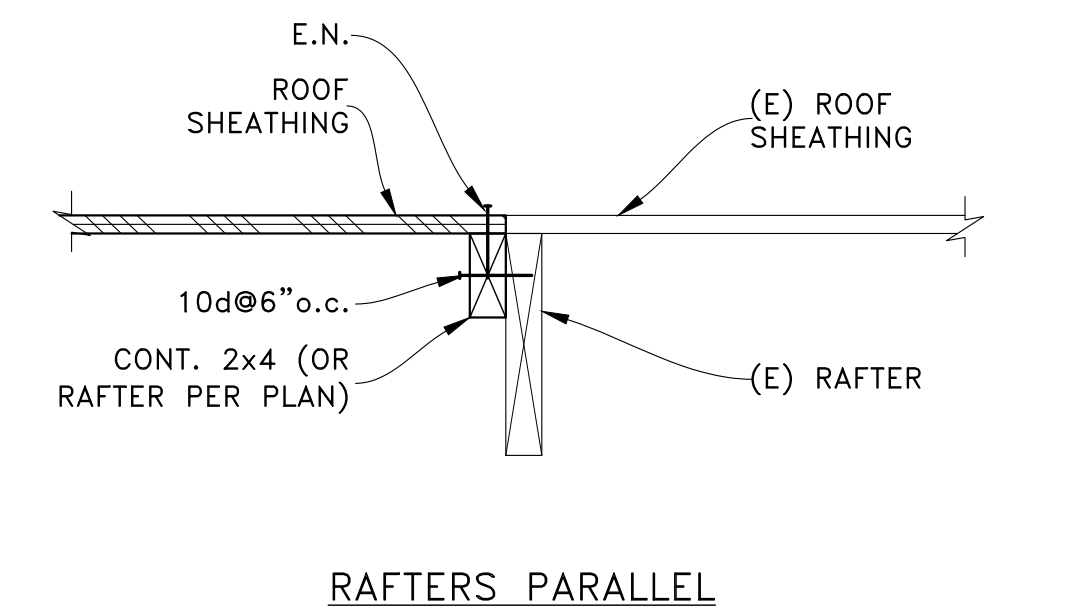
ROOF TO EXISTING ROOF (M)
SCALE: NTS



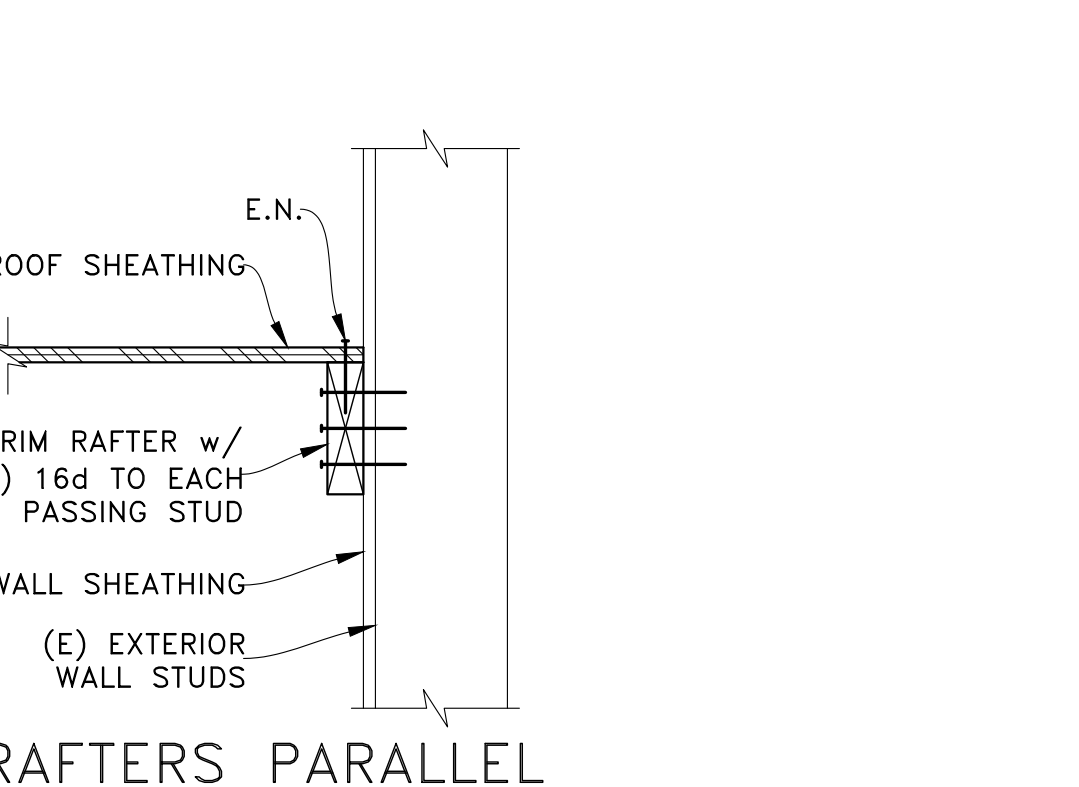
ROOF TO EXISTING EXTERIOR WALL (N)
SCALE: NTS



TRUSS ROOF TO WALL (I)
SCALE: NTS



ROOF TO EXISTING EXTERIOR WALL (M)
SCALE: NTS



ROOF TO EXISTING EXTERIOR WALL (N)
SCALE: NTS

PERMIT SET

REV	DATE	DESCRIPTION
02-07-23		PERMIT SET

PROJECT: ADDITIONS & ALTERATIONS
6020 94th Ave SE
Mercer Island, WA 98040
CLIENT: HADRIAN & SINDHU KNOTZ
6020 94th Ave SE
Mercer Island, WA 98040



ENGINEER OF RECORD

O.G. ENGINEERING, PLLC
3201 1st Ave S, Suite 101, Seattle, WA 98134
(206) 290-4008
owen@ogengineer.com

SECTIONS & DETAILS
SHEET TITLE

SCALE: AS NOTED
JOB NO. 22050
SHEET NO. S6