

A circular professional engineer seal for the State of California. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF CALIFORNIA" at the bottom, separated by two stars. Inside the ring, the name "PAUL C. PINA" is written in an arc. In the center, the text "No. 54194" and "Exp. 03/13" is displayed. A signature is written across the seal, and a vertical line is drawn through the bottom center.

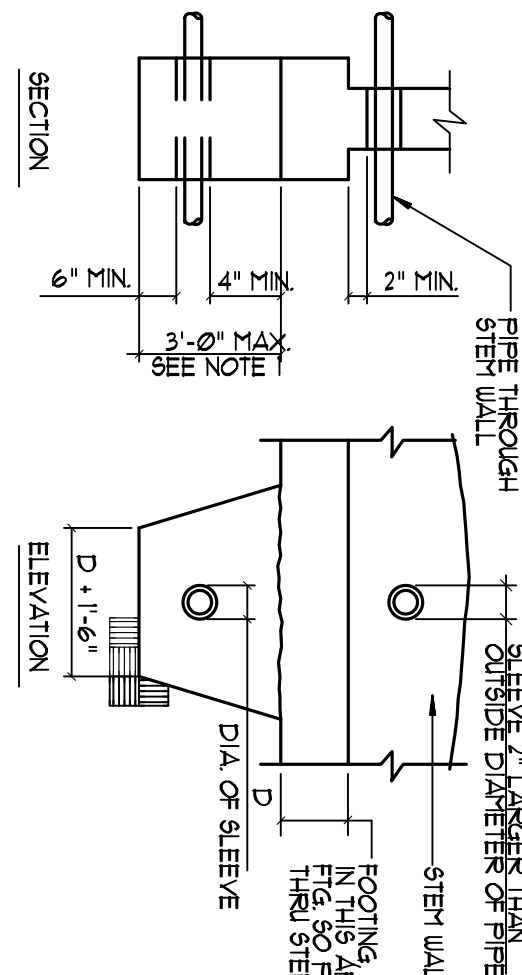
NO.	ISSUED FOR	DATE
	PLAN CHECK	8/8/11
	PLAN CHECK	10/18/11

RESIDENCE ADDITION
217 SOUTH McCADDEN PLACE
LOS ANGELES CA 90004

JOB NUMBER
S2207
DRAWN BY
CADpros
CHECKED BY
PCP

TYPICAL DETAILS

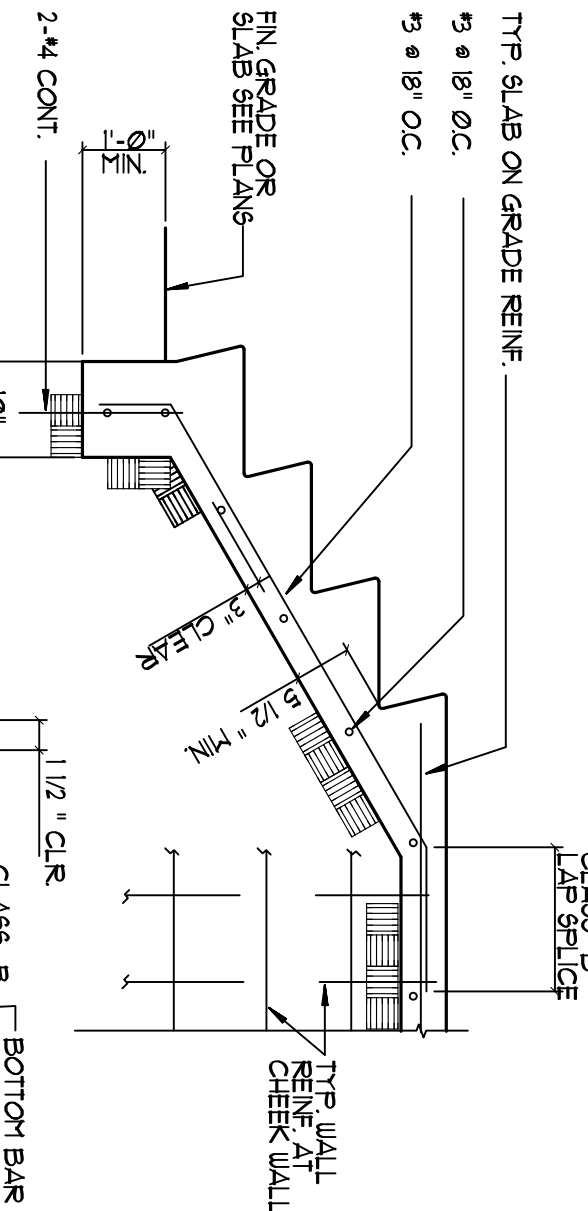
S.O.2



1. FOOTINGS SHALL BE STEPPED SO THAT THIS DIMENSION DOES NOT EXCEED 3'-0".
2. CONTRACTOR SHALL COORDINATE ALL PIPE LOCATIONS WITH BUILDING FOUNDATION REQUIREMENTS.
3. TRENCH BELOW FOOTING SHALL BE FILLED WITH CONCRETE BEFORE POURING FOOTING. CONCRETE FILL SHALL BE SAME WIDTH AS FOOTING AND FULL WIDTH OF PIPE TRENCH.

PIPES PERPENDICULAR TO FOOTING

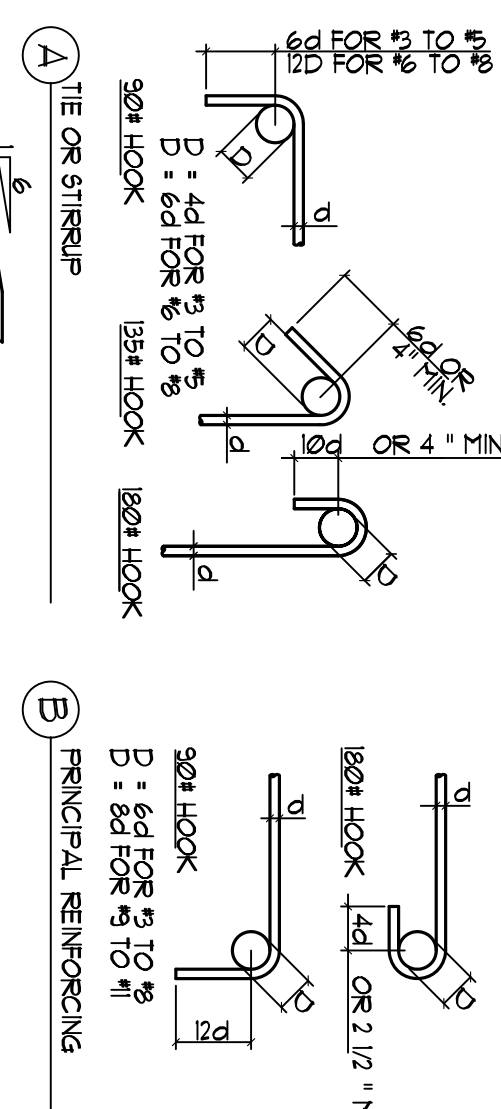
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CONCRETE STAIR ON GRADE

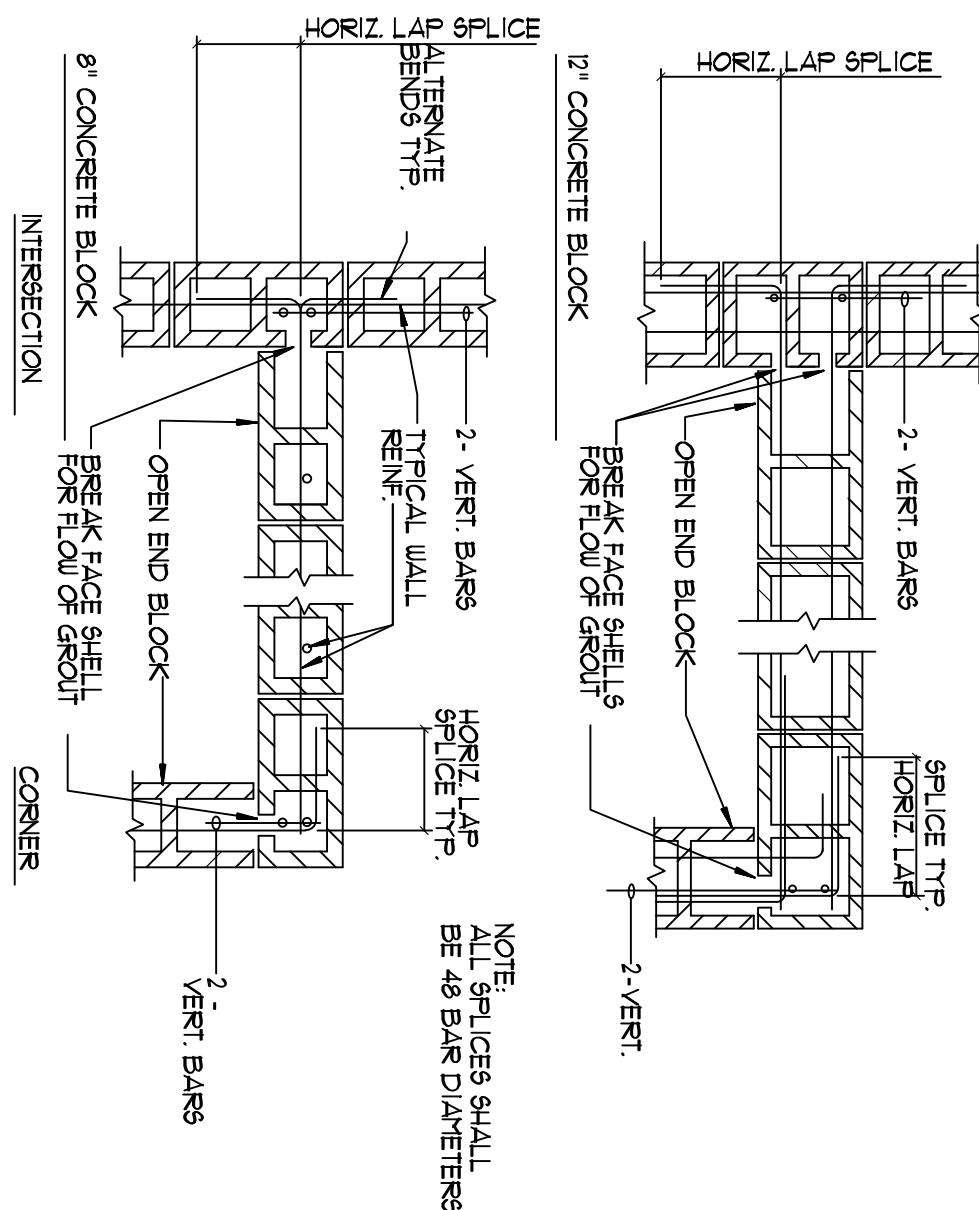
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- OR 1" MINIMUM CLEAR
- PEER LAYER
- VERTICAL BAR CLEARANCE
- NOTE: ALL BAR BENDS SHALL BE MADE COLD

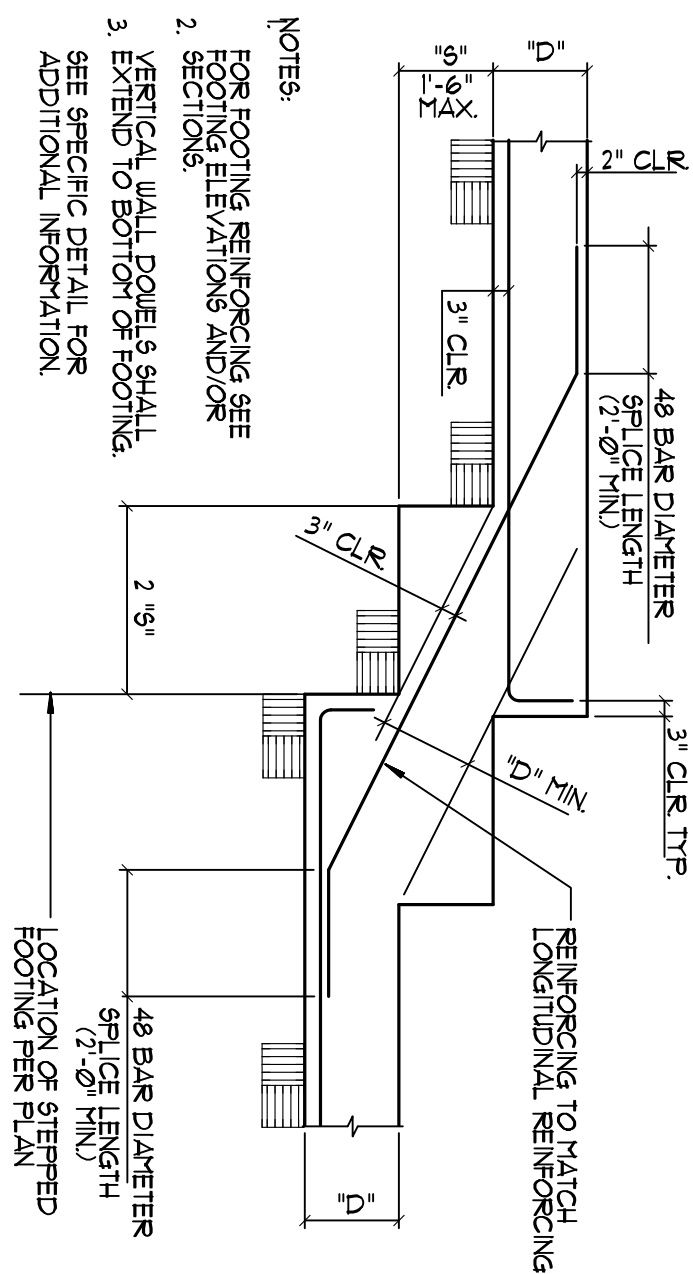
BAR BENDS

NO SCALE



CONCRETE MASONRY WALL INTERSECTIONS

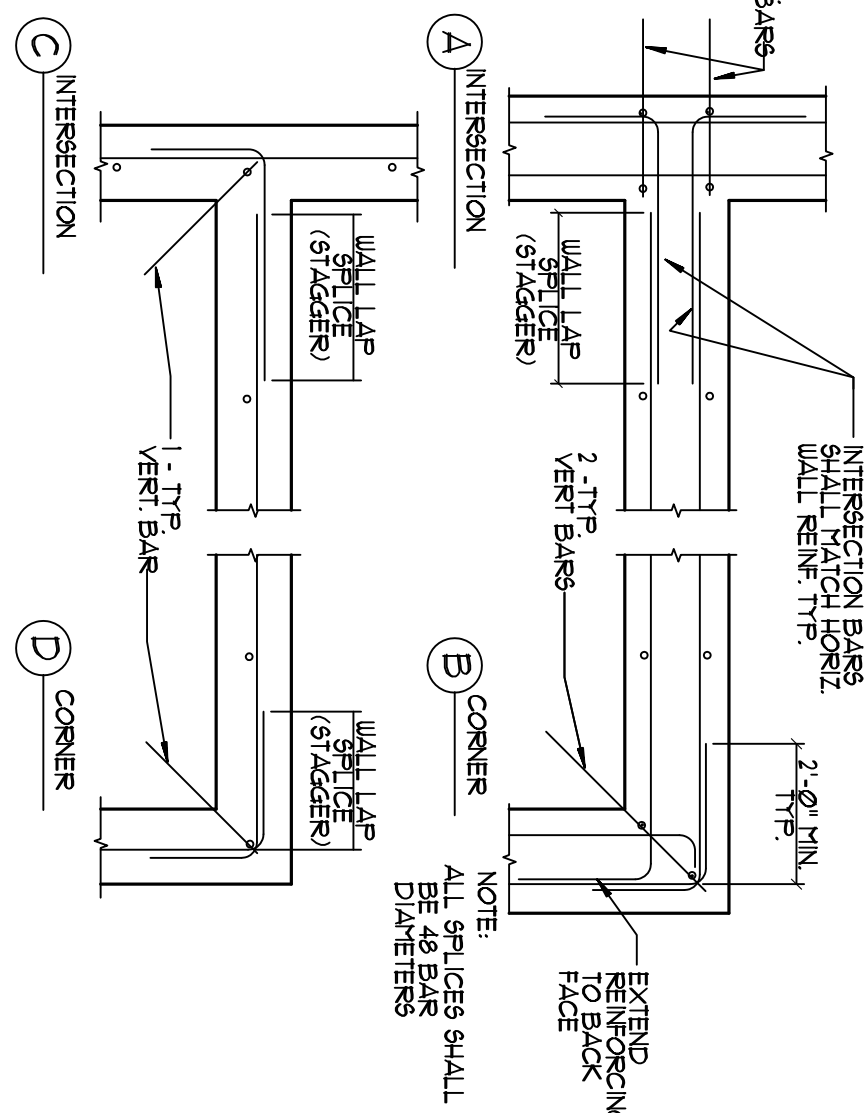
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- FOR FOOTING REINFORCING SEE
FOOTING ELEVATIONS AND/OR
SECTIONS.

STEPPED FOOTING: ONE LAYER REINFORCING

NO SCALE



REINF. @ FND. & WALL INTERSECTIONS

NO SCALE

	MARK	EDGE NAILING (FEU)	SILL FILL	SILL PL. FASTENER	SILL PL. FASTENER	SILL PL. BOLTING	SHARP ANGLE, PL. FIBER	REMARKS	TEST PANEL
1	6"	2x	1x4 @ 6"	2x2 @ 6"		3/8"	3x4	3x	
2	4"	4x	1/2" x 5 5/8" @ 8" OC	1/2" x 5 5/8" SCREW @ 8" OC	1/2" x 5 5/8" SCREW @ 8" OC	2 1/4"	5/8"	4x	
3	3"	4x	1/2" x 5 5/8" @ 5" OC	1/2" x 5 5/8" SCREW @ 5" OC	1/2" x 5 5/8" SCREW @ 5" OC	1 5/8"	6/8"	4x	
4	4 1/4"	4x	1/2" x 5 5/8" @ 3" OC	1/2" x 5 5/8" SCREW @ 3" OC	1/2" x 5 5/8" SCREW @ 3" OC	1 7/8"	10/8"	4x	
5	3 1/3"	4x	1/2" x 5 5/8" @ 2 1/2" OC	1/2" x 5 5/8" SCREW @ 2 1/2" OC	1/2" x 5 5/8" SCREW @ 2 1/2" OC	9"	13/8"	4x	

- NOTES FOR NEW CONSTRUCTION:
1. SEE TYPICAL SHEAR WALL ELEVATION, THIS SHEET FOR

2. USE COMMON NAIL'S. TYPICAL. BOX NAIL'S WILL BE REJECTED.
3. SPECIAL INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED WHERE THE FASTENER SPACING OF THE SHEATHING IS MORE THAN 4 INCHES ON CENTER AS INDICATED BY WALL MARKS 3, 4, AND 5.

1. BOLTS SHALL BE 5/8" DIAMETER, HEAT-TREATED ROD IN SHEAR, SET 3X EPOXY WITH 5" EMBEDMENT INTO EXISTING CONCRETE, AT CENTRELINE OF SILL PLATE, 3/4" EDGE DISTANCE. (CBO E56-2502, LARS 25154).
2. EXISTING ANCHOR BOLTS MAY BE UTILIZED WITH NEW EPOXY ANCHORS TO ACHIEVE THE REQUIRED SILL PLATE BOLTING. MAINTAIN 1 1/2" MINIMUM SPACING.
3. SPECIAL INSPECTION IS REQUIRED ON ALL EPOXY BOLTING.

SHEAR WALL SHEATHING, SILL PL. BOLTING SCHEDULE

SCALE:NTS

BOLT DIAMETER	STEEL PLATE WASHER	COMMON NAIL	DIAMETER INCHES
5/8"	1/4" x 3" x 3"	8d	1.31
3/4"	5/16" x 3" x 3"	10d	1.48
7/8"	3/8" x 1 1/2" x 3 1/2"	12d	1.68
1"	1/2" x 4" x 4"	16d	1.82
1 1/4"	7/16" x 4" x 4"		

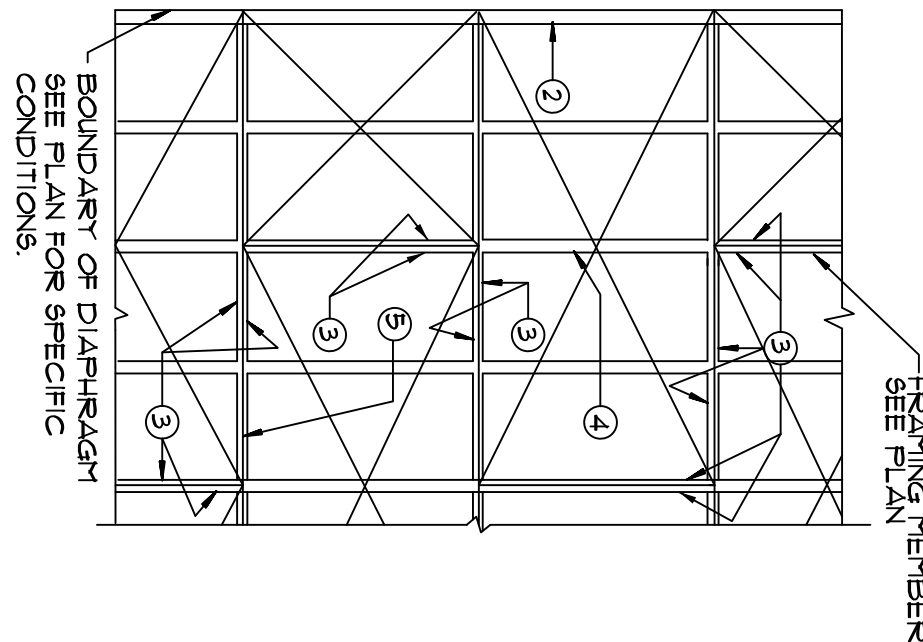
NOTES:
 PROVIDE PLATE WASHERS UNDER ALL
 HEADS AND NUTS BEARING ON WOOD EXCEPT
 WHERE SPECIFICALLY NOTED ON DRAWINGS.

- NOTES:
1) PROVIDE PLATE WASHERS UNDER ALL HEADS AND NUTS BEARING ON WOOD EXCEPT SPECIFICALLY NOTED ON DRAWINGS.

NAILS AND WASHER SCHEDULE

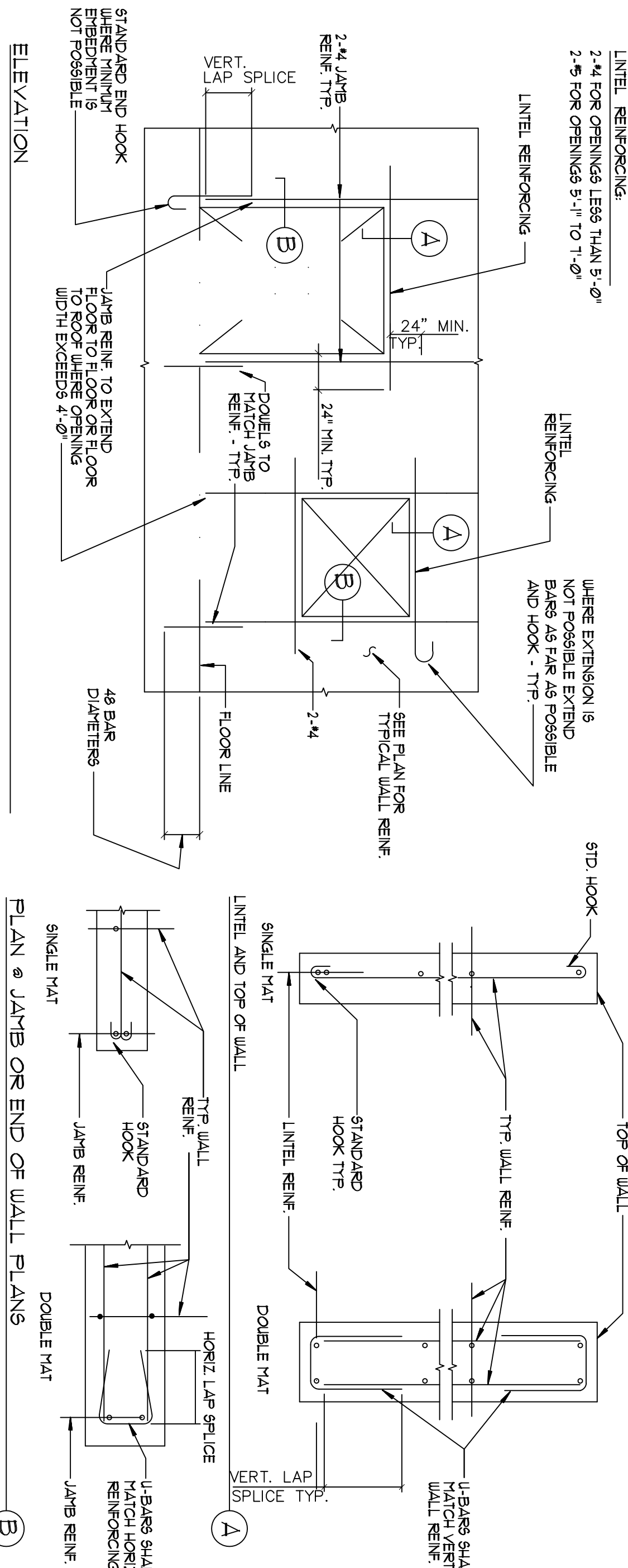
NO SCALE

1. SEE PLAN FOR PL WOOD THICKNESS
MINIMUM 1 1/2"
2. BOUNDARY NAILING (BN):
3. EDGE NAILING (EN):
4. INTERGRADE NAILING (IN): SPACES 12" O.C. @ ROOF AND 24" O.C. @ FLOOR
5. 3" x 4" FLAT BLOCKING UNO.
6. MIN. SIZE OF PL WOOD SHEET SHALL BE 2'-0" X 4'-0"
7. LONG DIMENSION OF PL WOOD SHALL RUN PERPENDICULAR TO SUPPORTS.
8. NAIL SHALL HAVE 12" MIN. EDGE DISTANCE AND SHALL NOT BE OVERDRIVEN THROUGH OTHER PL.
9. ORIENTED STRAND BOARD (OSB) MAY BE SUBSTITUTED UPON APPROVAL OF ENGINEER



HORIZONTAL PLYWOOD SHEATHING

NO SCALE



MINIMUM REINFORCING AT CONCRETE WALL OPENINGS

NO SCALE

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