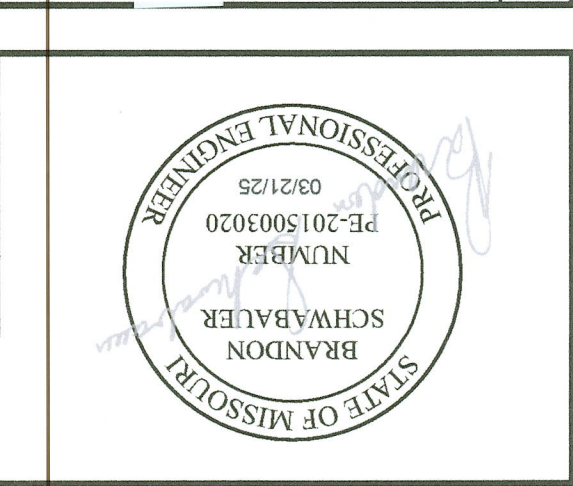


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DRAWN BY:		MLR
#		DATE
DESCRIPTION		3/21/2025
City Comment		

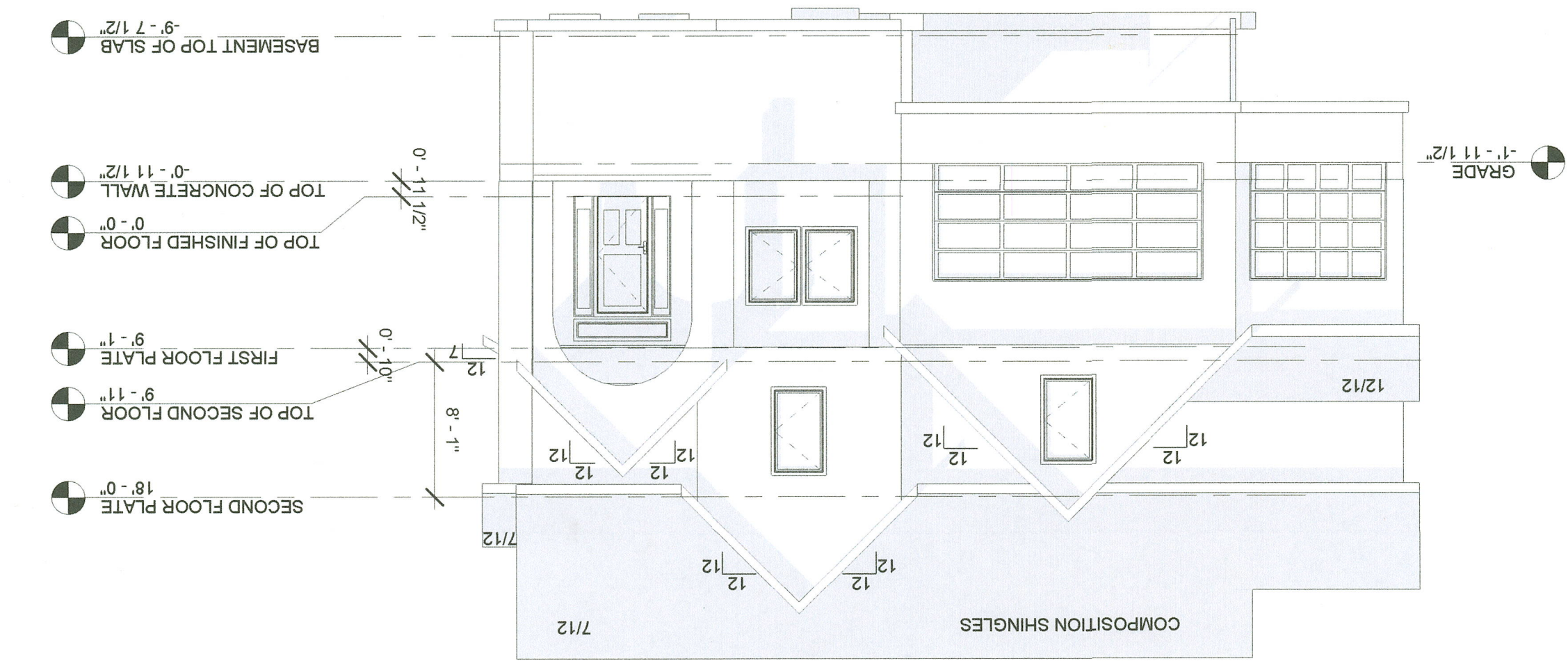
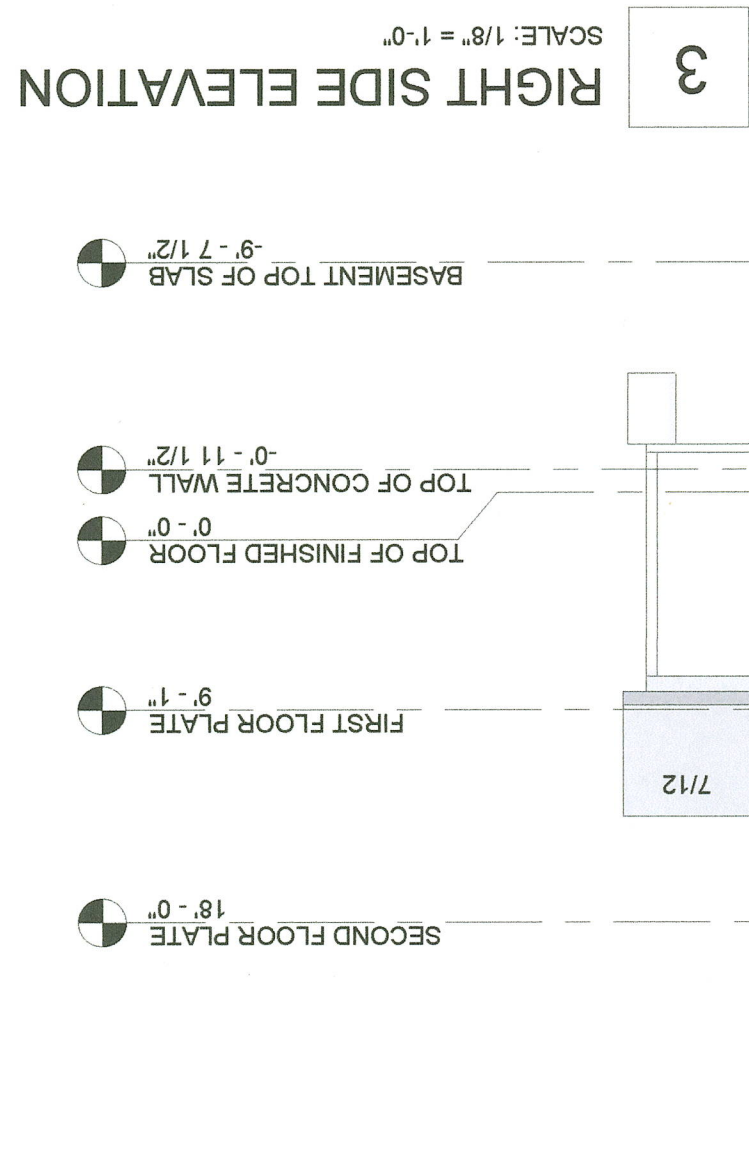
PROJECT INFORMATION	
THE LEXINGTON II	
2619 SW TRACKER LANE	
LEES SUMMIT, MISSOURI 64082	
MCFARLAND CUSTOM BUILDERS INC	



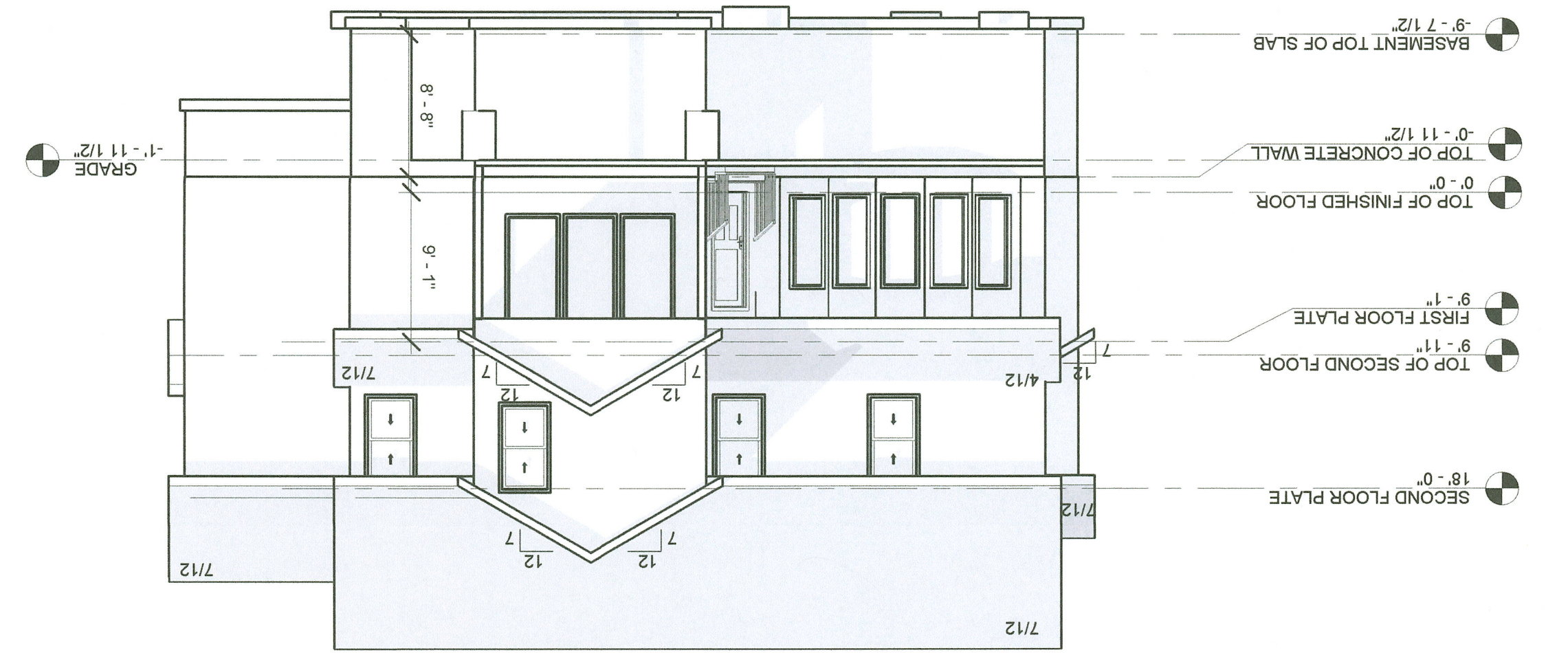
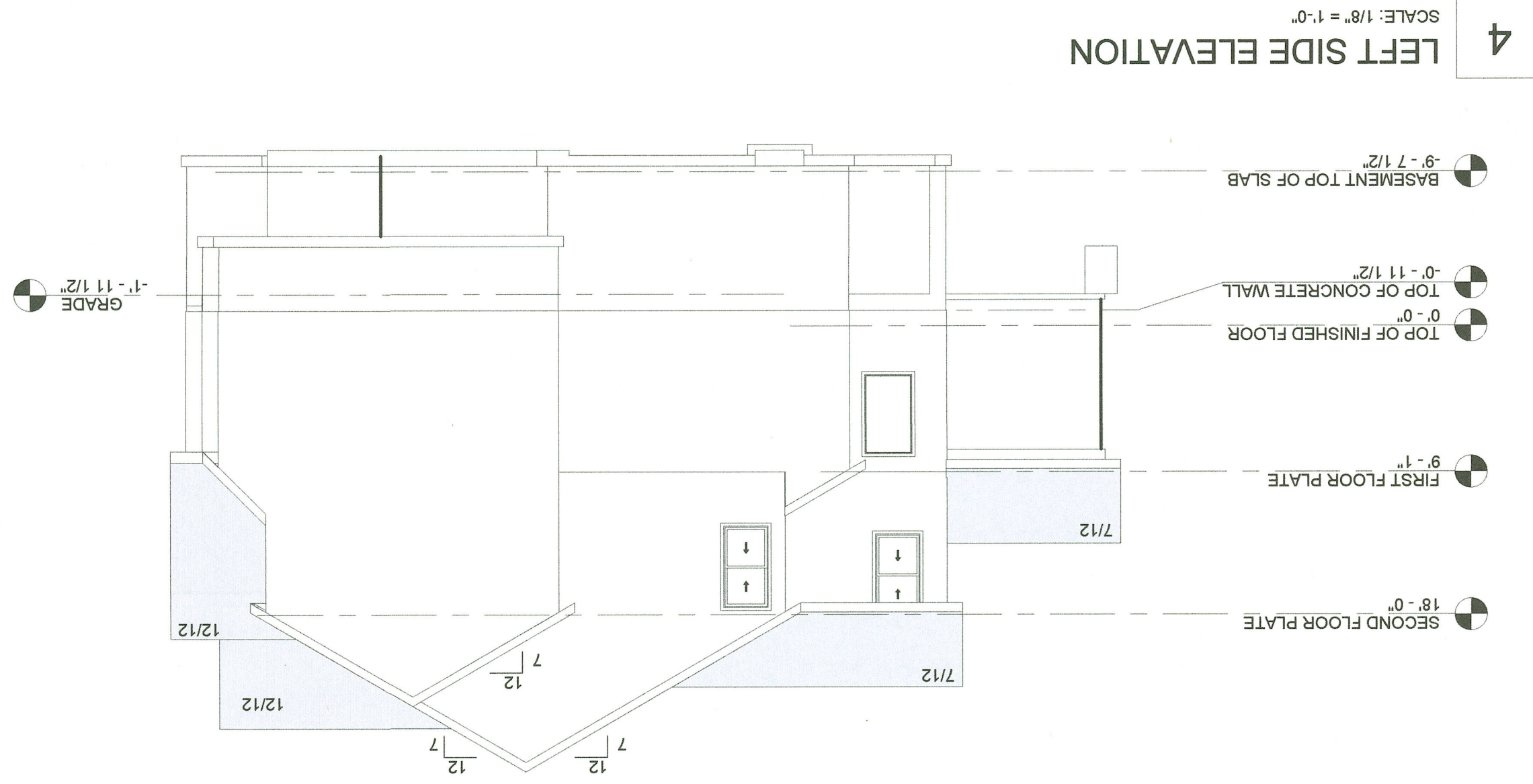
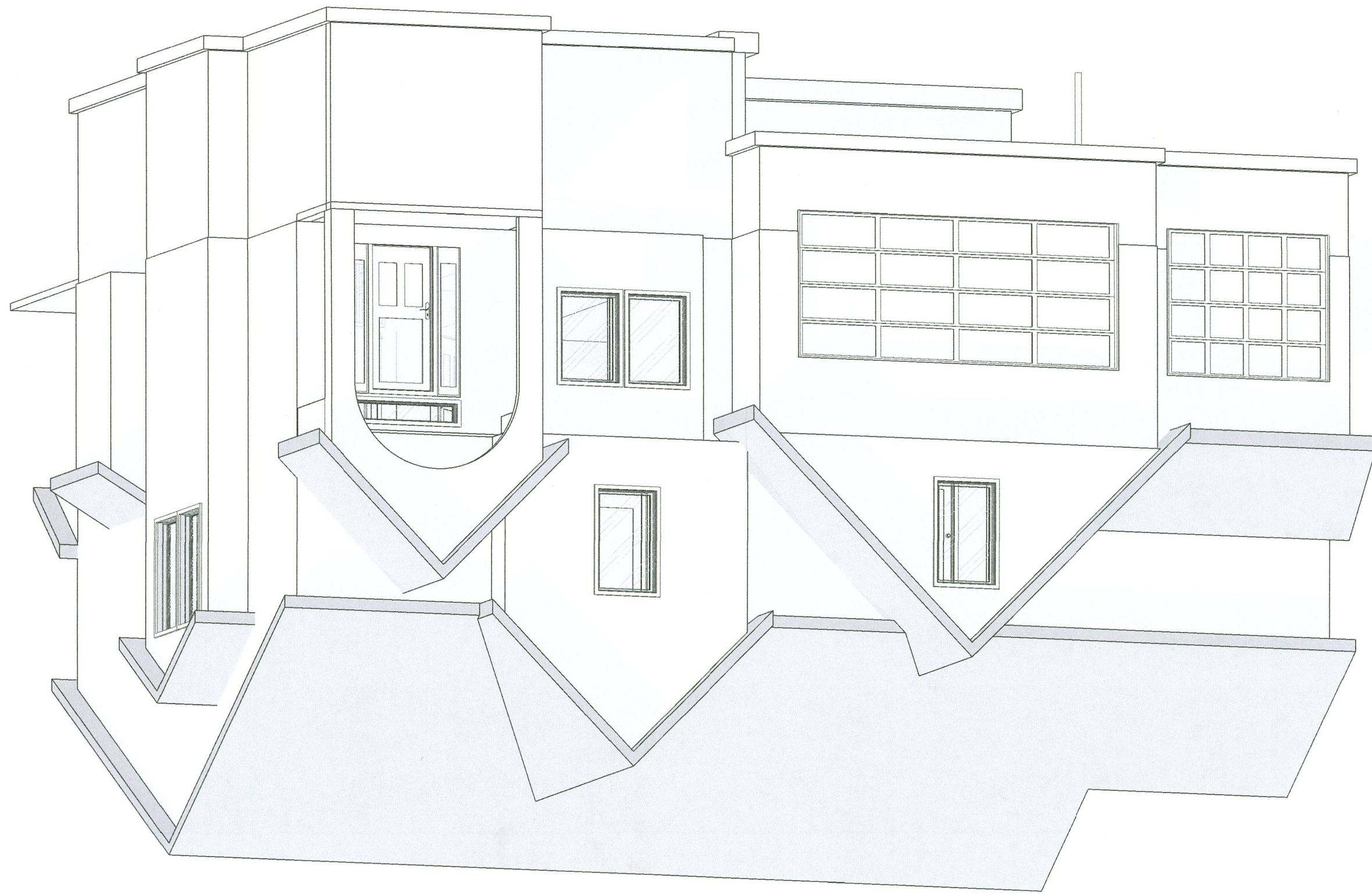
N&S JOB NUMBER: 2025-0716
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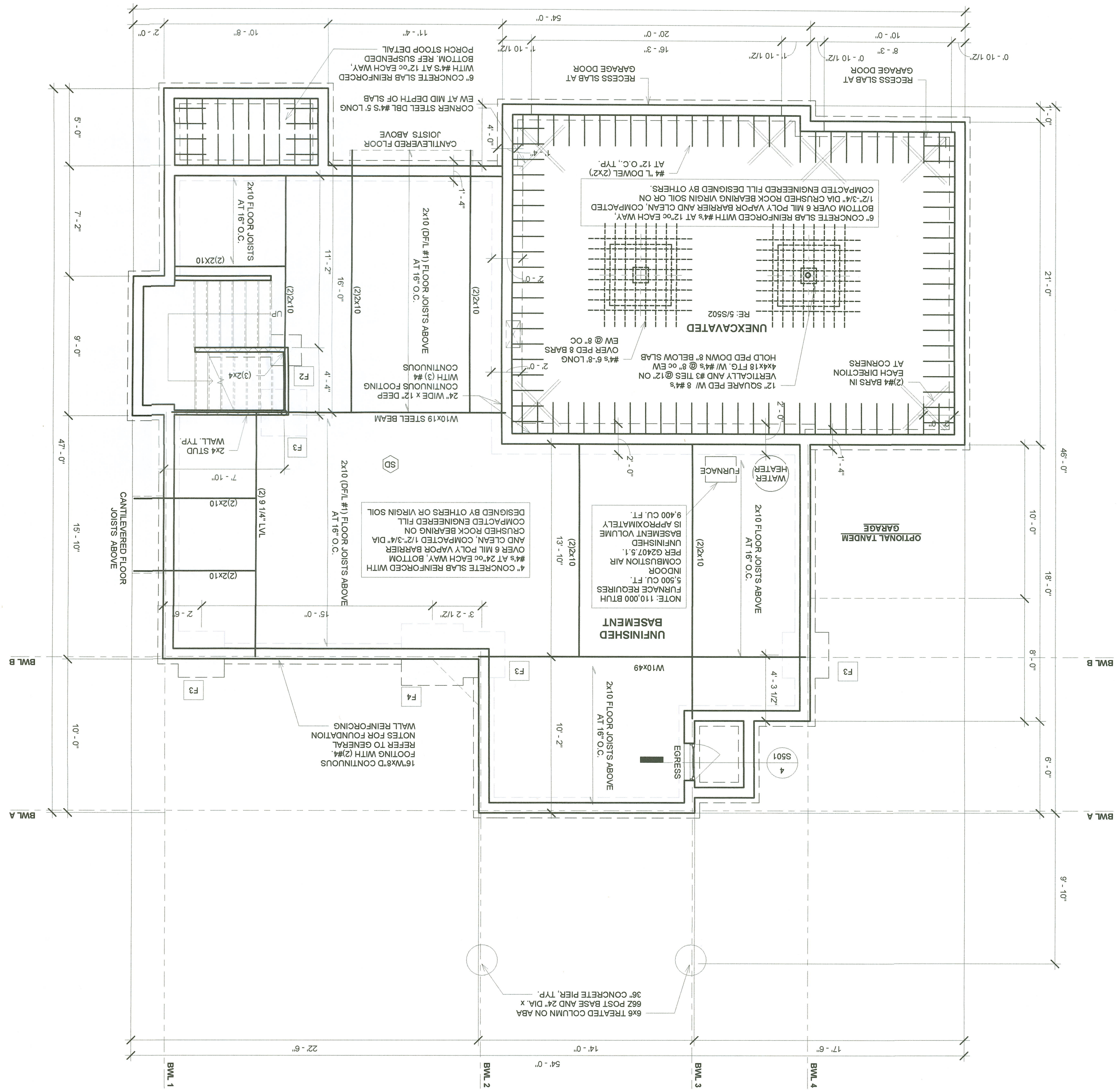
311 East 11th Avenue
North Kansas City, MO 64116
Phone: (816) 421-4232
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SHEET INDEX	
Sheet Name	Area
A100 COVER SHEET	1217 SF
S100 FOUNDATION PLAN	1634 SF
S101 FIRST FLOOR FRAMING PLAN	643 SF
S102 SECOND FLOOR FRAMING PLAN	1083 SF
S103 ROOF FRAMING PLAN	
S500 GENERAL NOTES	
S501 DETAILS	
S502 DETAILS	
S503 DETAILS	
S504 DETAILS	
S505 DETAILS	
SQUARE FOOTAGES	
FIRST FLOOR	1217 SF
SECOND FLOOR	1634 SF
GARAGE	643 SF
UNFINISHED BASEMENT	1083 SF
BASEMENT	4577 SF



THE LEXINGTON II





FOOTING SCHEDULE			
MARK	SIZE L X W X THK	REINFORCING (NO) SIZE LOCATION	TOF EL
F1	2'-0" X 2'-0" X 1'-0"	(#4) EW BOTTOM	8'-BLOW TOP OF SLAB 3'@ STD STEEL PIPE COLUMN
F2	2'-6" X 2'-6" X 1'-0"	(#4) EW BOTTOM	8'-BLOW TOP OF SLAB 3'@ STD STEEL PIPE COLUMN
F3	3'-0" X 3'-0" X 1'-0"	(#6) EW BOTTOM	8'-BLOW TOP OF SLAB 3'@ STD STEEL PIPE COLUMN
F4	4'-0" X 4'-0" X 1'-4"	(#8) EW BOTTOM	8'-BLOW TOP OF SLAB 3'@ STD STEEL PIPE COLUMN

2	BELOW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	46
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PROJECT INFORMATION

2619 SW TRACKER LANE
LEES SUMMIT, MISSOURI 64082

[illegible]

SHEET NUMBER	S100
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BRACED WALL METHODS

WSP - WOOD STRUCTURAL PANEL: WOOD STRUCTURAL PANEL SHEATHING WITH A THICKNESS NOT LESS THAN 3/8" FOR 16" STUD SPACING, FASTEN WITH 6d COMMON NAILS (131"X22" LONG) AT 6"OC ALONG EDGES AND 12"OC INTERMEDIATE SUPPORTS, PLACED ON ALL SHEATHABLE SURFACES ON ONE SIDE OF THE BRACED WALL LINE INCLUDING AREAS ABOVE AND BELOW OPENINGS AND GABLE END WALLS.

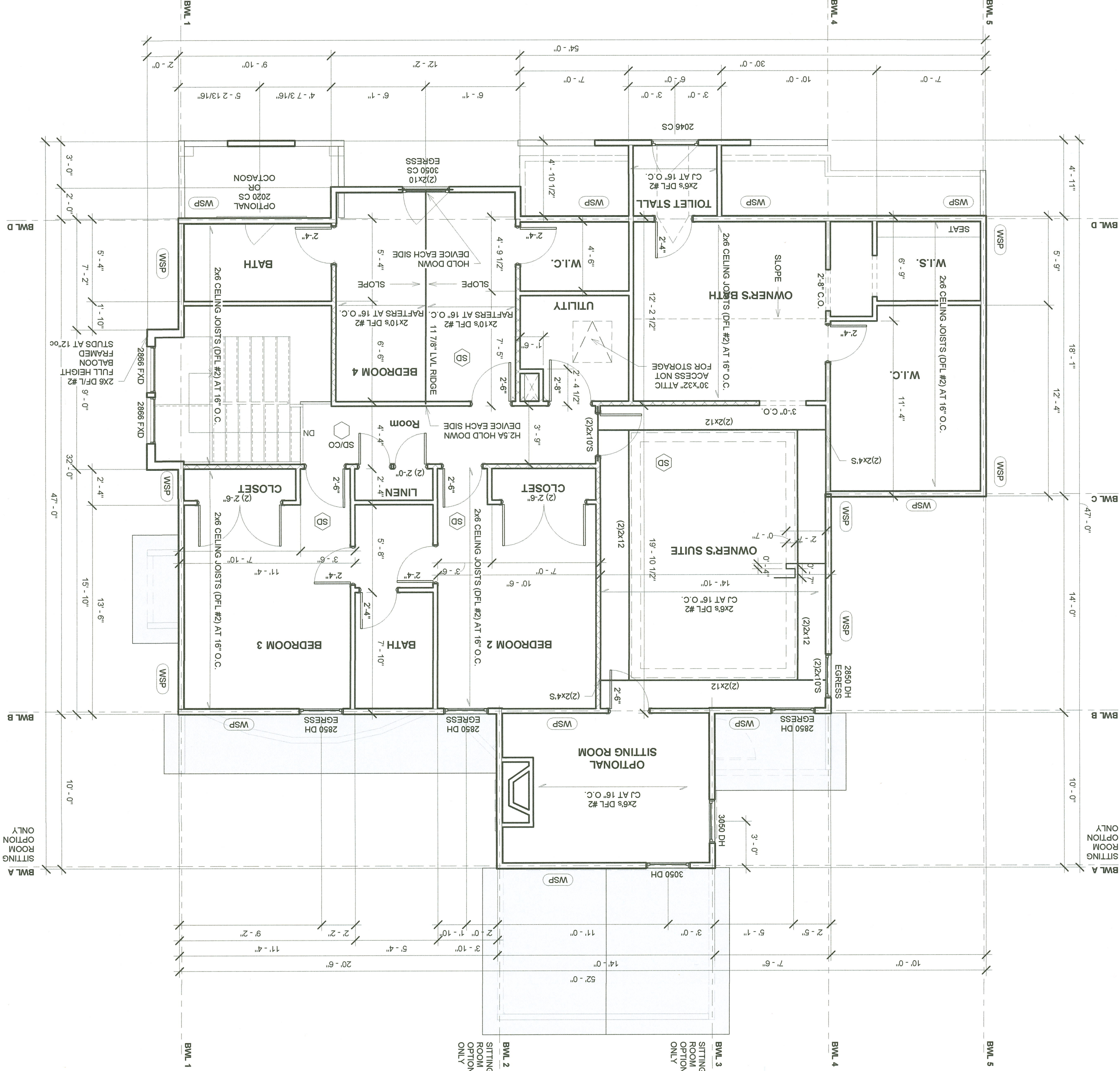
GB - GYPSUM BOARD: 1/2" GYPSUM BOARD WITH 13 GAUGE, 1 3/8" LONG, 19/64" HEAD, 0.098" DIA, 1 3/8" LONG, ANNUAL-RINGED; 6d COOLER NAIL, 0.092" DIA, 1 7/8" LONG, 1/4" HEAD, OR GYPSUM BOARD W/ML, 0.0915" DIA, 1 7/8" LONG, 19/64" HEAD, TYPE W OR TYPE S SCREWS, AT 7"OC EDGES & 7"OC FIELD.

PFH - PORTAL FRAME WITH HOLD-DOWNS: REF PORTAL FRAME WITH HOLD-DOWNS DETAIL.

ABW - ALTERNATE BRACED WALL: REF ALTERNATE BRACED WALL DETAIL.

CS-PF - CONTINUOUSLY SHEATHED PORTAL FRAME: REF CONTINUOUSLY SHEATHED PORTAL FRAME DETAIL.

HPS - HARDBOARD PANEL SIDING: HARDBOARD PANEL SIDING WITH A 7/16" THICKNESS, FASTEN WITH 0.092" DIA, 0.225" DIA HEAD NAILS WITH LENGTH TO ACCOMMODATE 1 1/2" PENETRATION INTO STUDS AT 4"OC ALONG EDGES AND 8" AT INTERMEDIATE SUPPORTS.



ISSUES & REVISIONS	
#	DATE

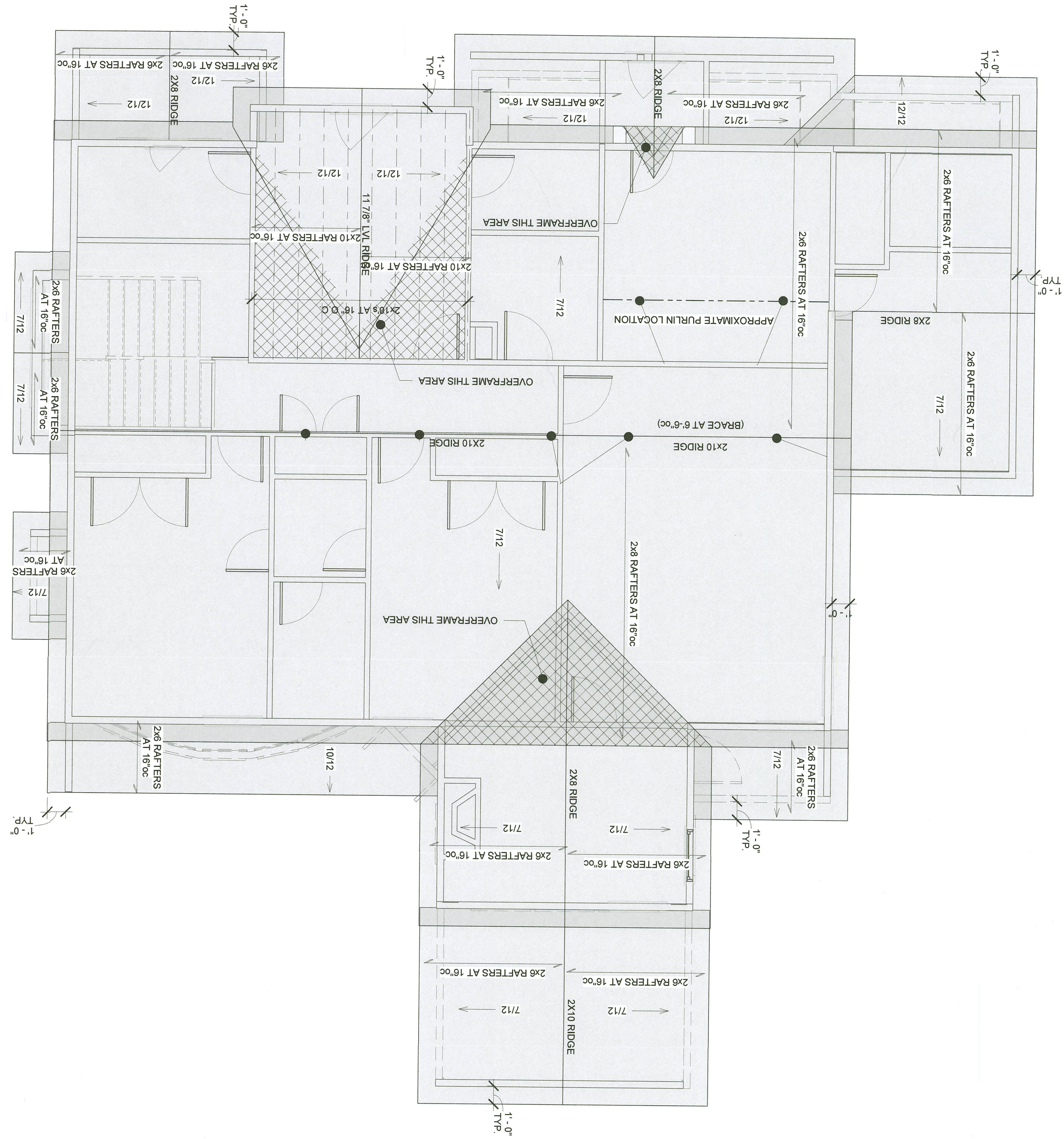
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CHECKED BY: BSS
ISSUED:

SHEET TITLE
ROOF FRAMING
PLAN

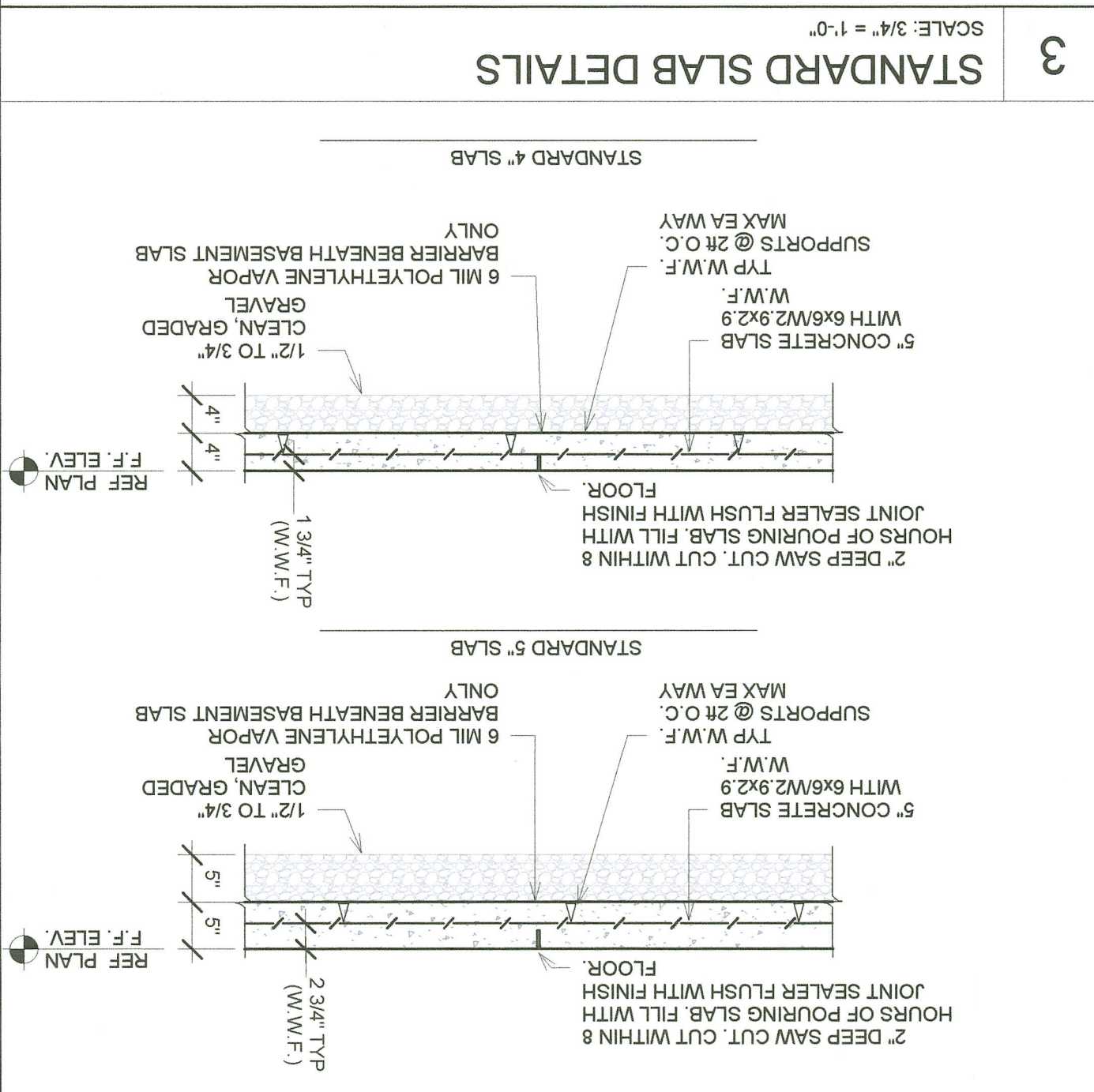
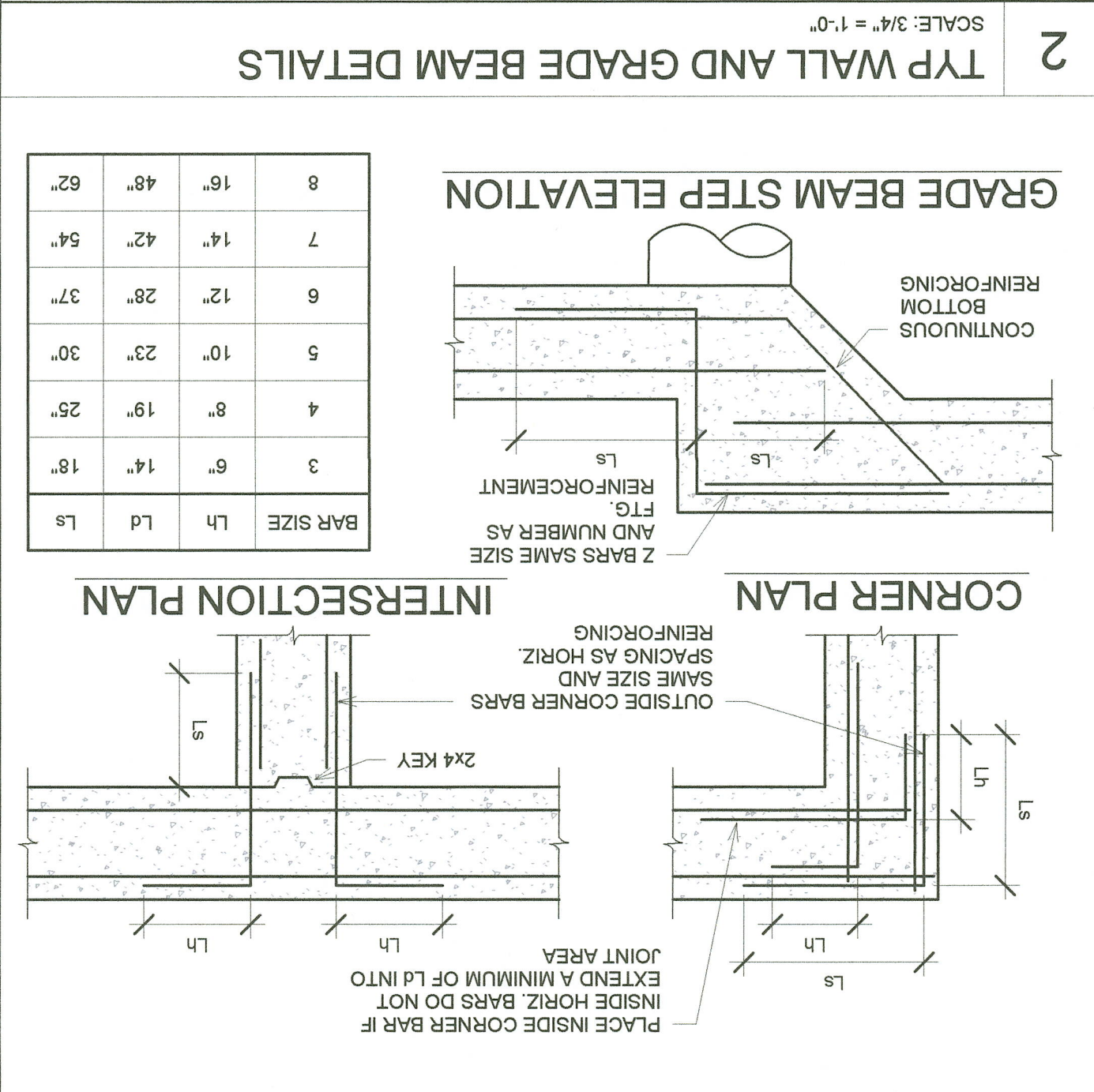
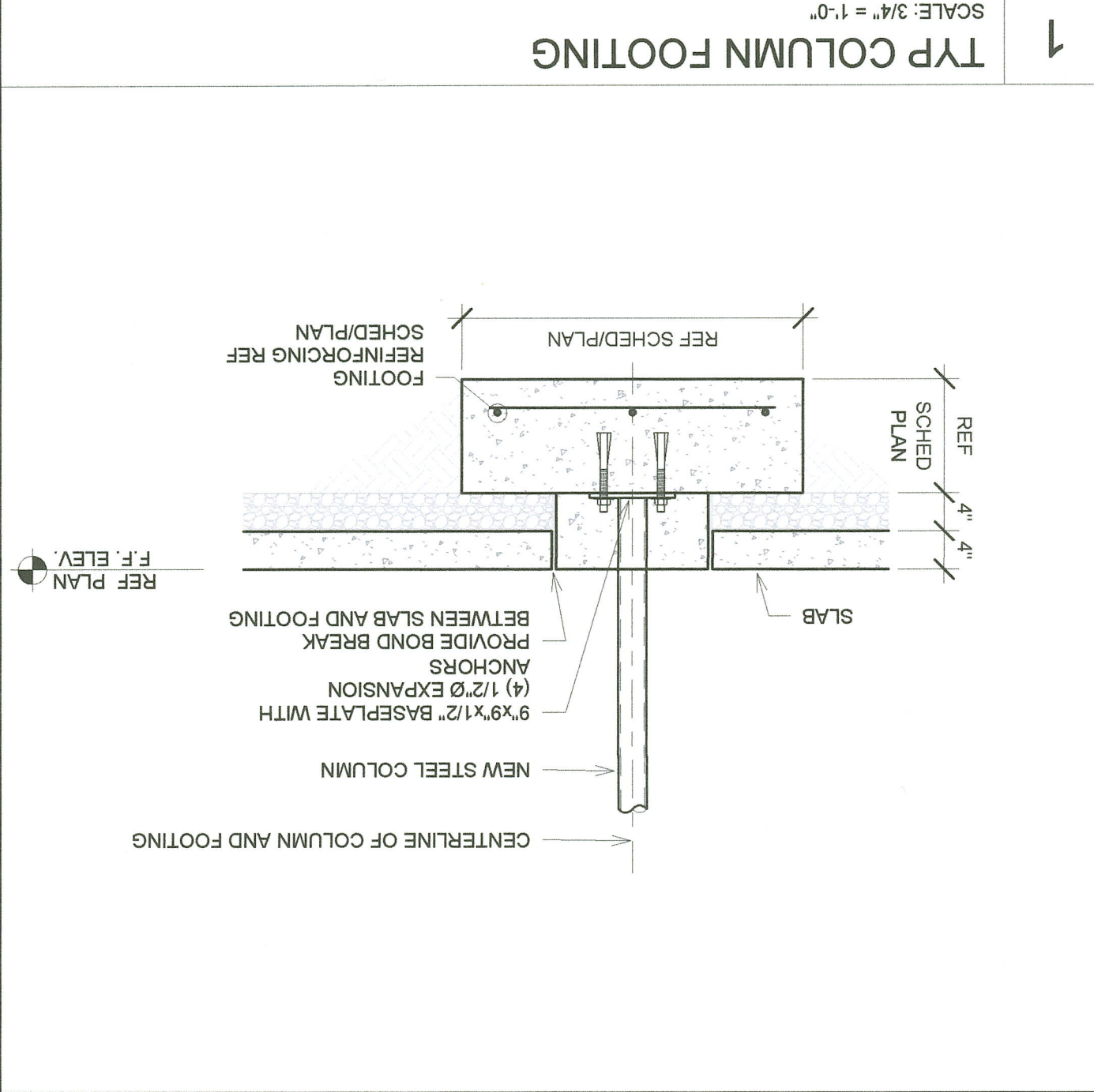
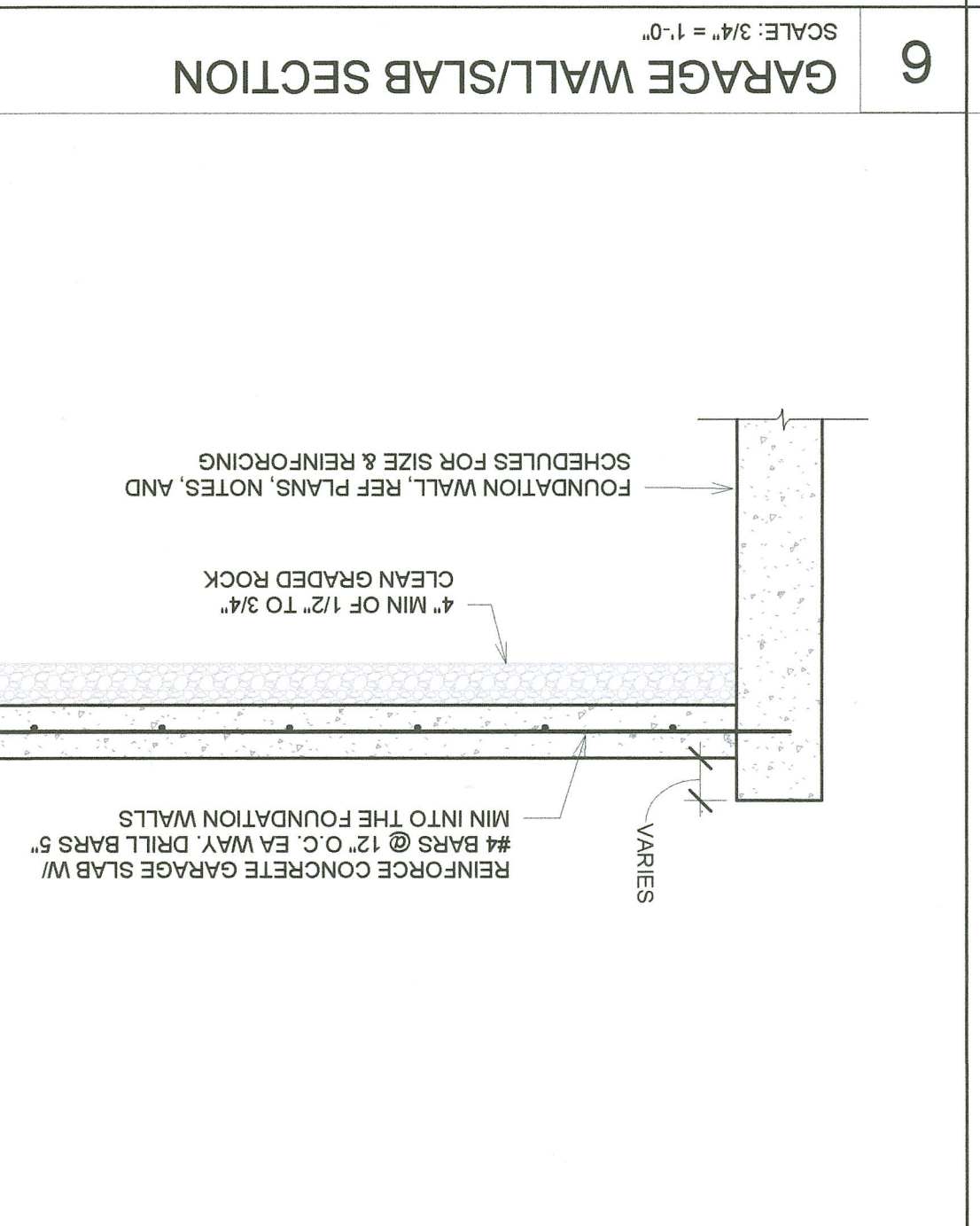
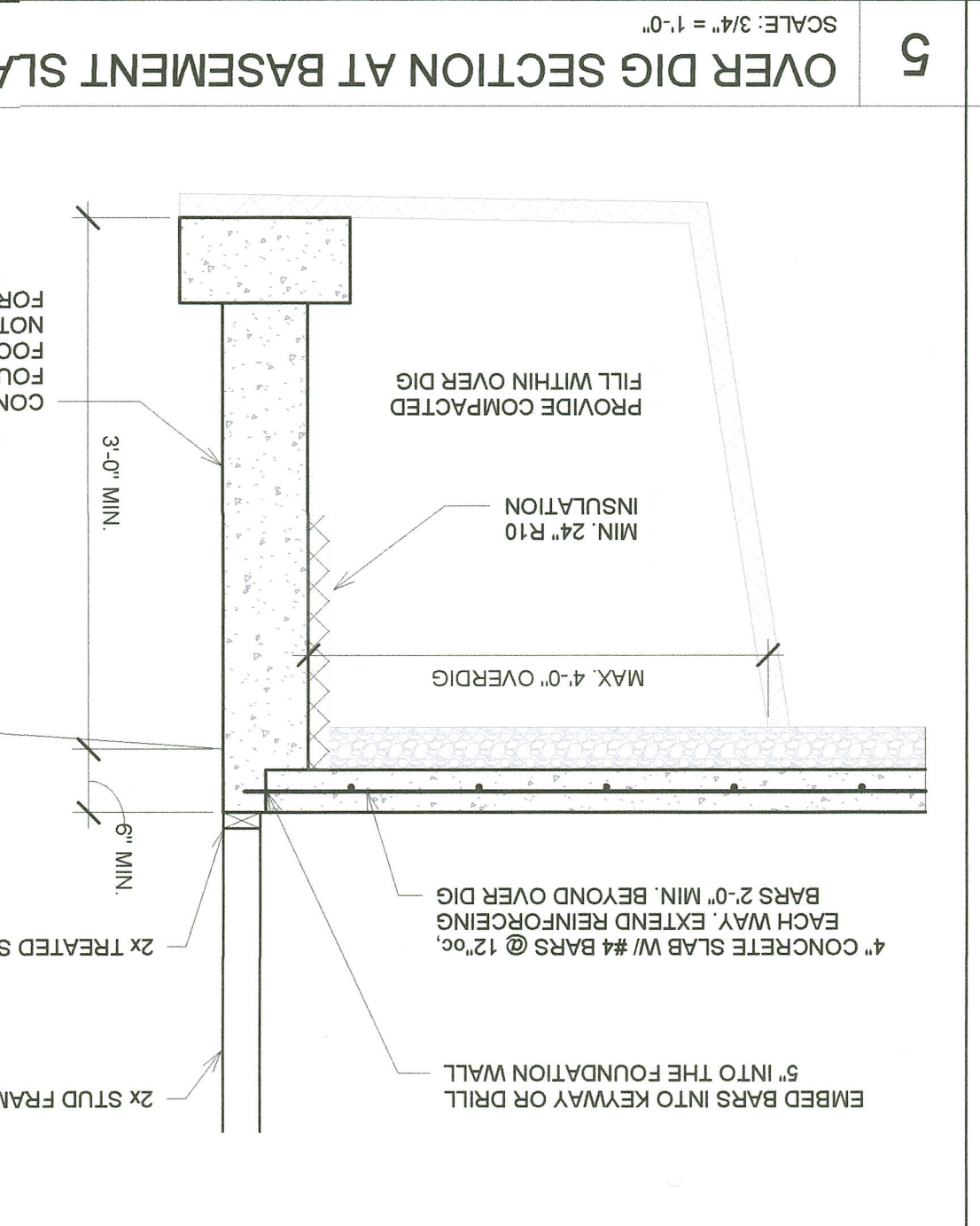
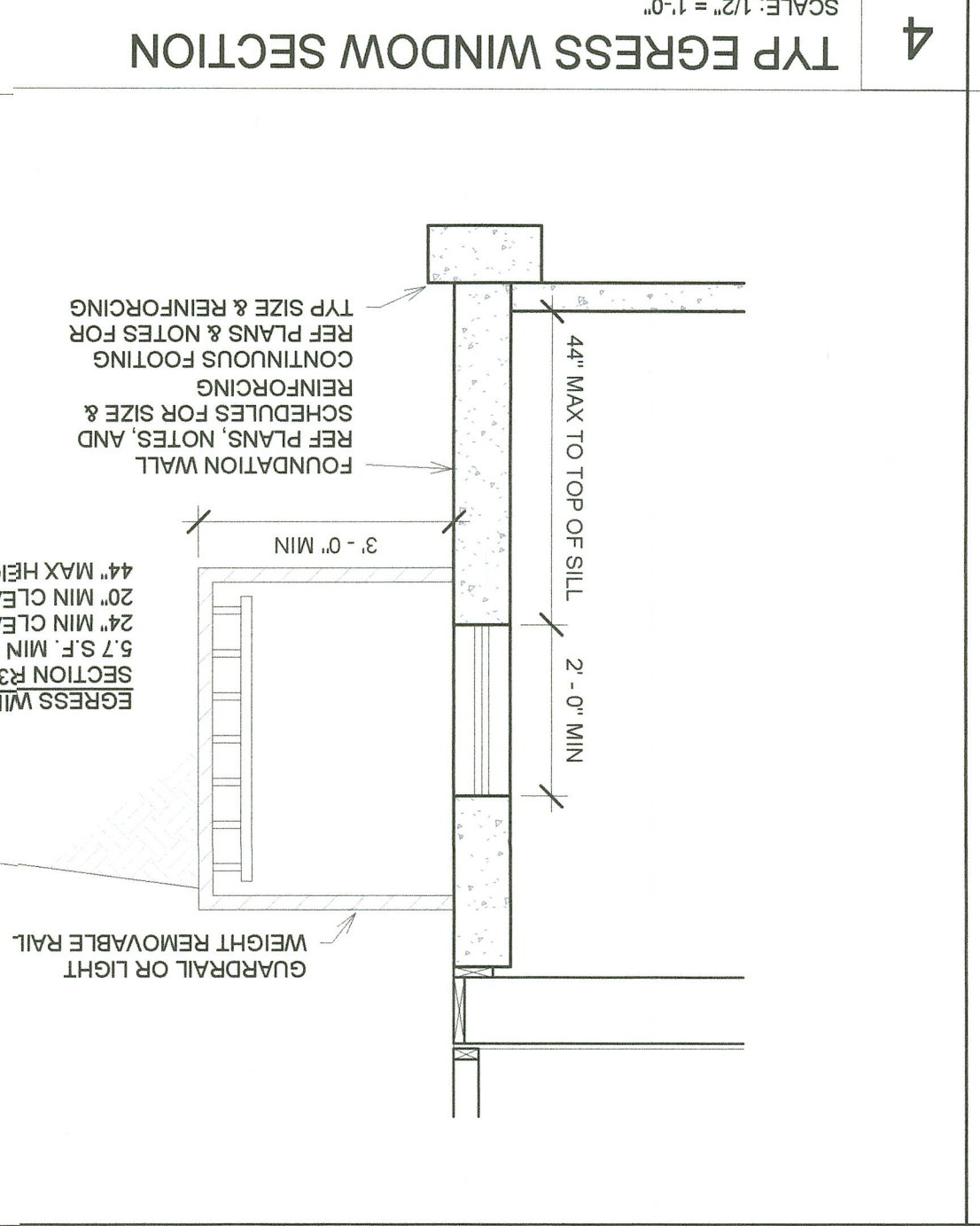
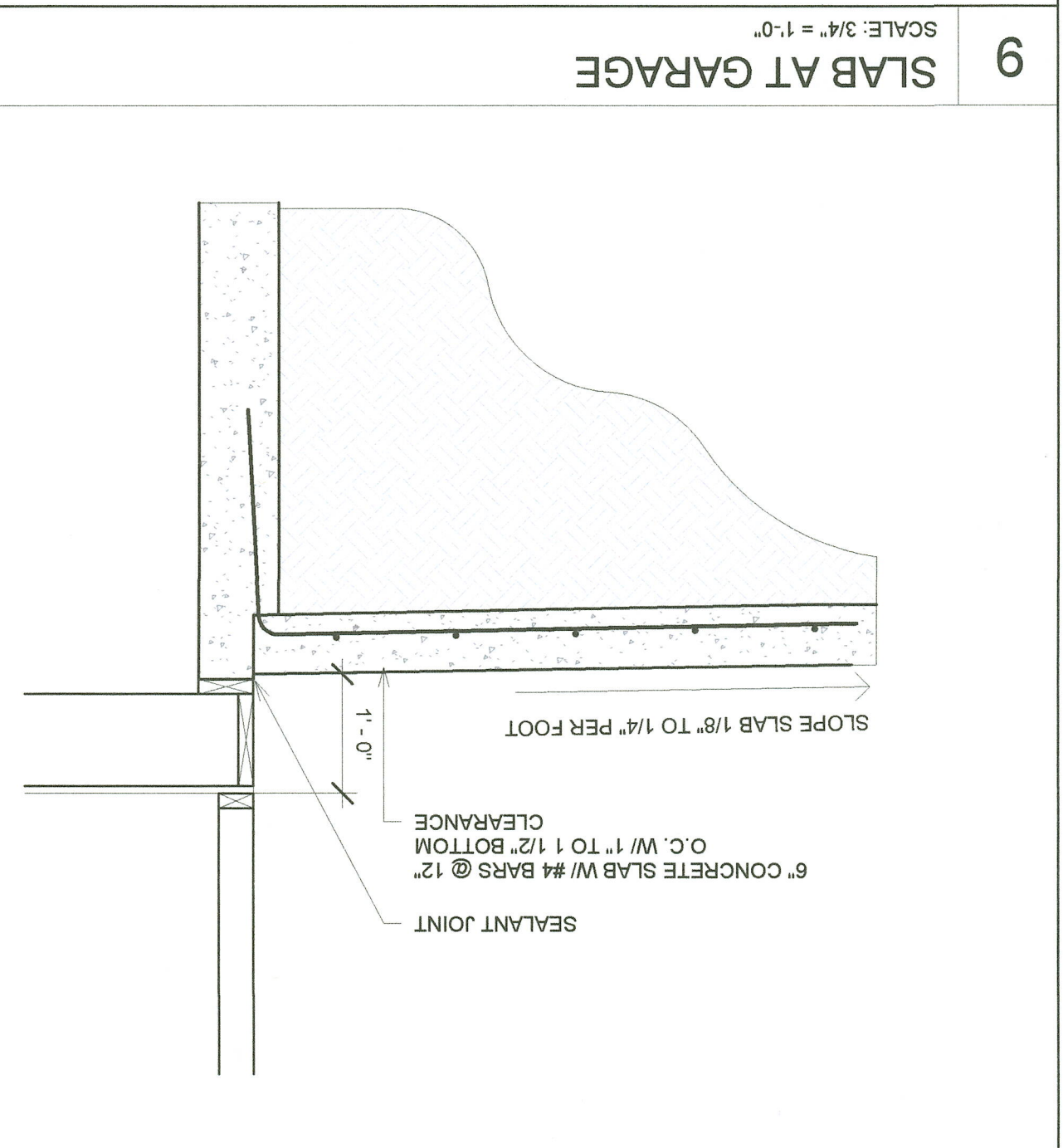
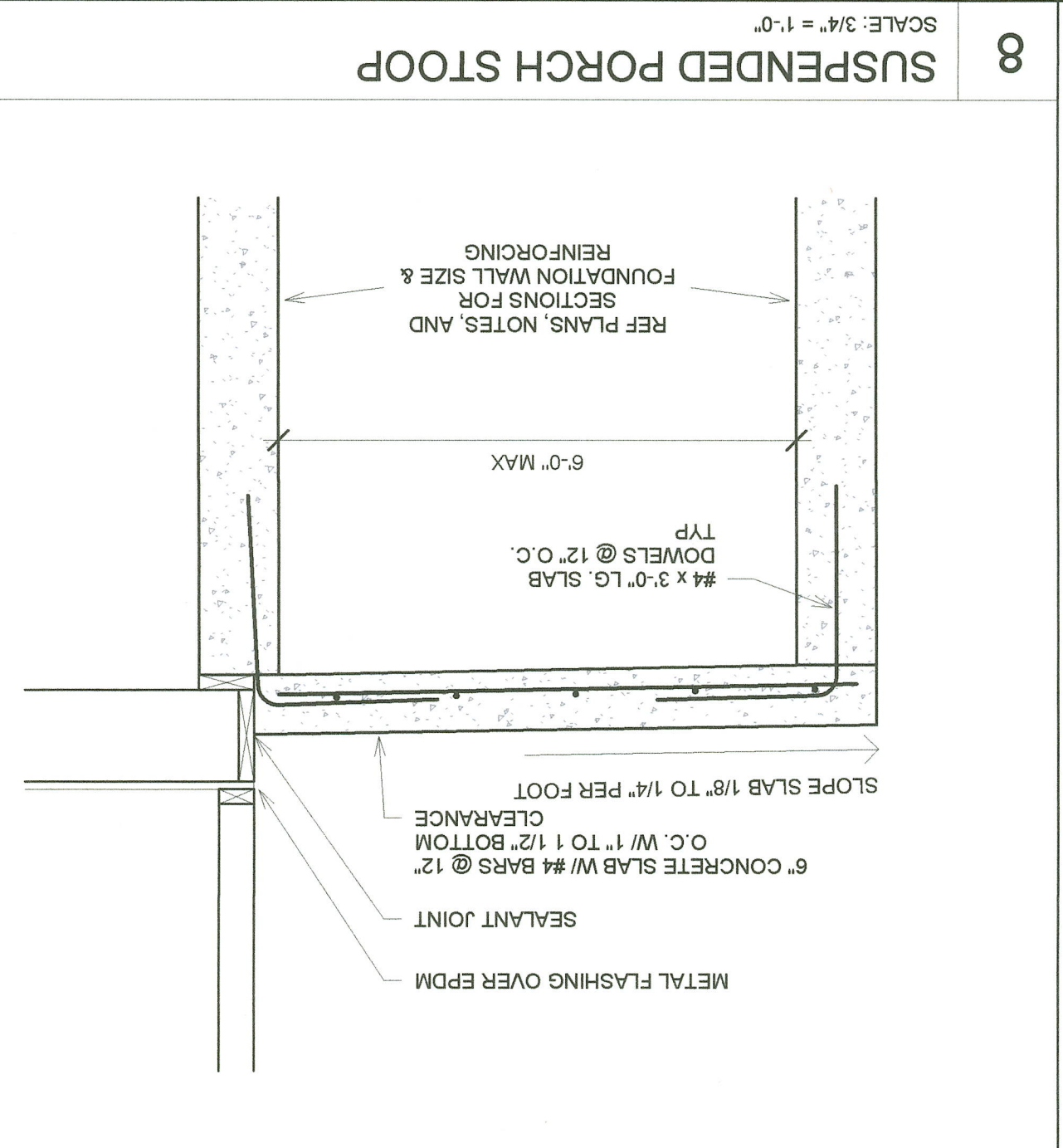
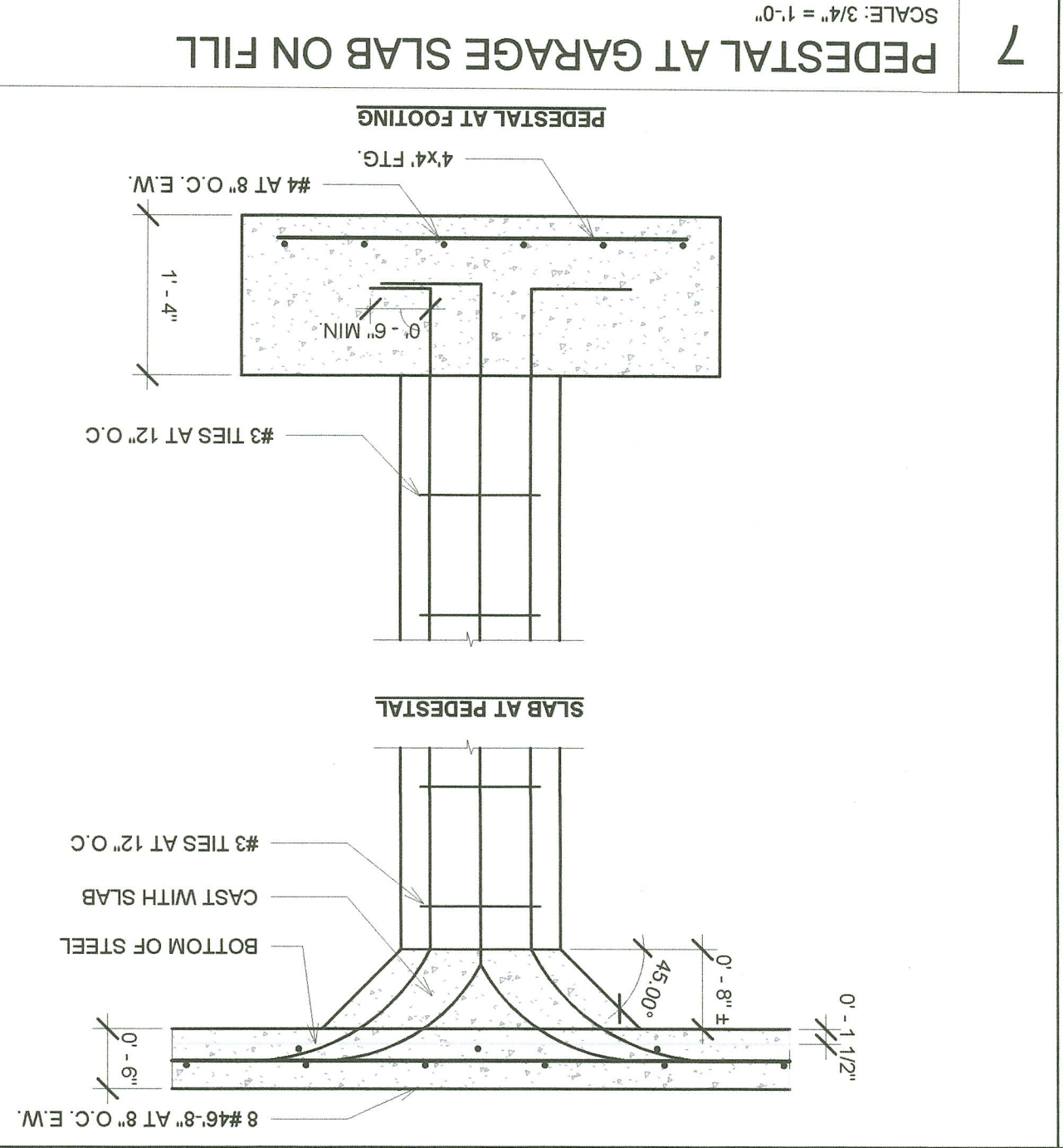
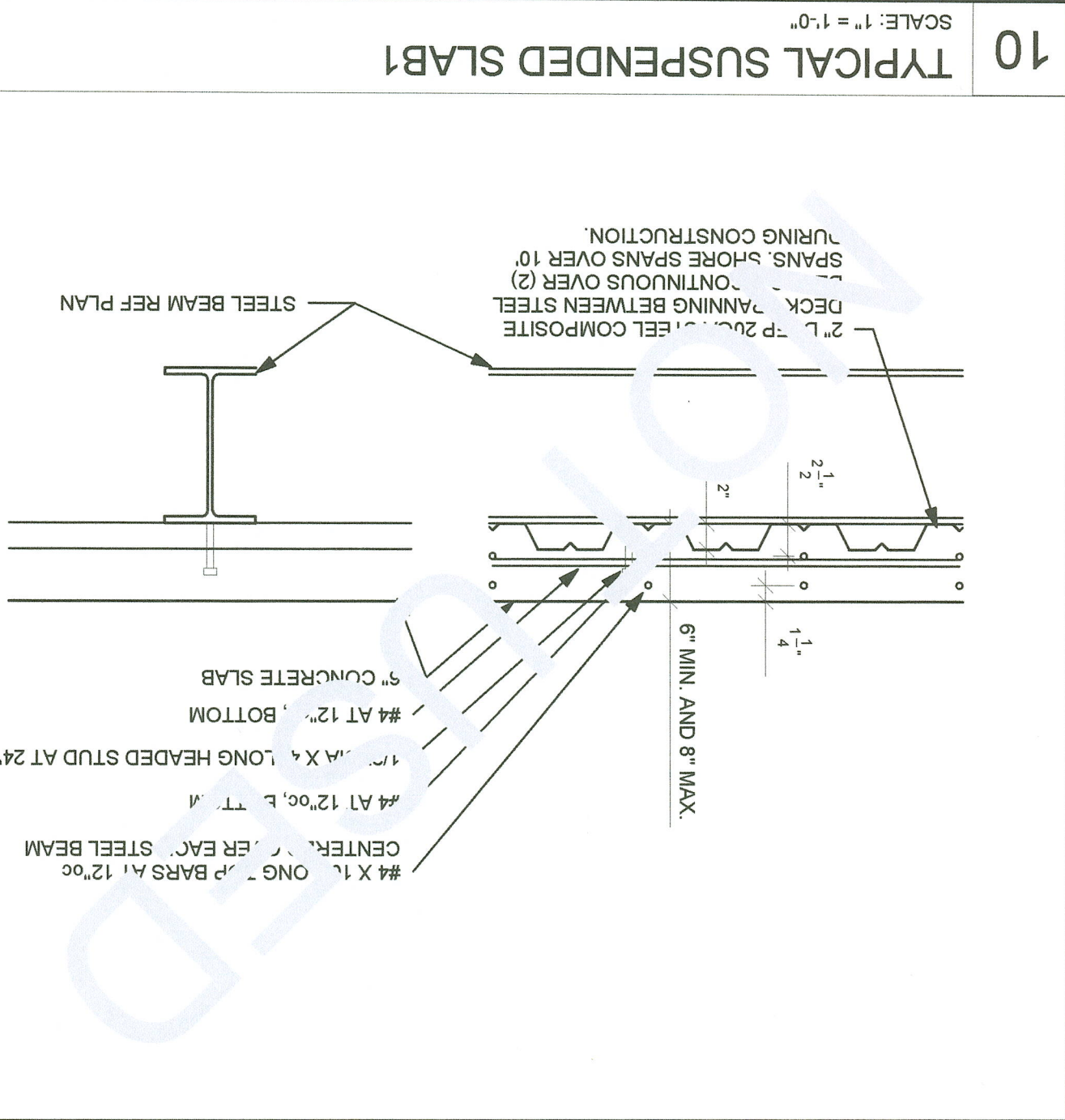
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S103

NOTE:
• RAFTERS TO BE 2x6 DFL-NO. 2 AT 16" O.C. U.N.O.
• HIP, VALLEY, AND RIDGE MEMBERS SHALL BE (1)2x6 DFL-NO. 2 U.N.O.
• REF. 12/5503 FOR PURLING BRACING

- ROOF FRAMING PLAN NOTES**
1. PROVIDE 1/2" EXTERIOR GRADE PLYWOOD SHEATHING NAIL TO ROOF RAFTERS WITH 6d NAILS AT 6" OC AT PANEL EDGES AND 12" OC AT NON-PANEL EDGES.
 2. PROVIDE ADDITIONAL DEPTH TO JOISTS AS REQUIRED TO PROVIDE 1" AIR GAP TO PREVENT CONDENSATION PLUS 12" INSULATION TO PROVIDE R-38 INSULATION VALUE TO VAULTED CEILING AREA WHERE SHOWN ON PLAN WITH CROSS HATCH.
 3. ALL RIDGE MEMBERS SHALL BE 1" NOMINAL THICKNESS AND NOT LESS IN DEPTH THAN THE CUT END OF THE RAFTER. ALL VALLEY AND HIP MEMBERS SHALL BE 2" NOMINAL THICKNESS AND NOT LESS IN DEPTH THAN THE CUT END OF THE RAFTER.
 4. HIP AND VALLEY MEMBERS SHALL BE SUPPORTED AT THE RIDGE WITH A 2x6 T-BRACE TO A BEARING WALL BELOW. PROVIDE SOFTT, RIDGE, AND GABLE END VENTS AS REQUIRED TO PROVIDE ADEQUATE VENTILATION FOR ROOF.
 5. PROVIDE PROPER FLASHING AND BUILDING PAPER UNDER SHINGLES AS REQUIRED TO PROVIDE WATER TIGHT SEAL AT ALL ROOF PENETRATIONS, RIDGES, VALLEYS, HIPs AND/OR OTHER SLOPE CHANGES.
 6. GUTTERS, DOWNSPOUTS, AND SPLASH BLOCKS SHALL BE PROVIDED TO INSURE ALL ROOF DRAINAGE IS DIRECTED 5 FEET MINIMUM FROM HOUSE BEFORE TOUCHING SOIL.
 7. ALL GABLE END WALL FRAMING SHALL BE 2x4 DOUG-FIR NO. 2 AT 16" OC.
 8. PROVIDE PROPER CEILING INSULATION AS REQUIRED BY GOVERNING BUILDING CODE.
 - 9.



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



PROJECT INFORMATION

THE LEXINGTON II

2619 SW TRACKER LANE

LEE'S SUMMIT, MISSOURI 64082

MCFARLAND CUSTOM BUILDERS INC

ISSUES & REVISIONS

#	DATE	DESCRIPTION
	3/21/2025	City Comment

DETAILS

S501

311 East 11th Avenue

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NORTON SCHMIDT Consulting Engineers

PE-2015003020

03/21/25

PROFESSIONAL ENGINEER

BRANDON SCHWABAUER

NUMBER

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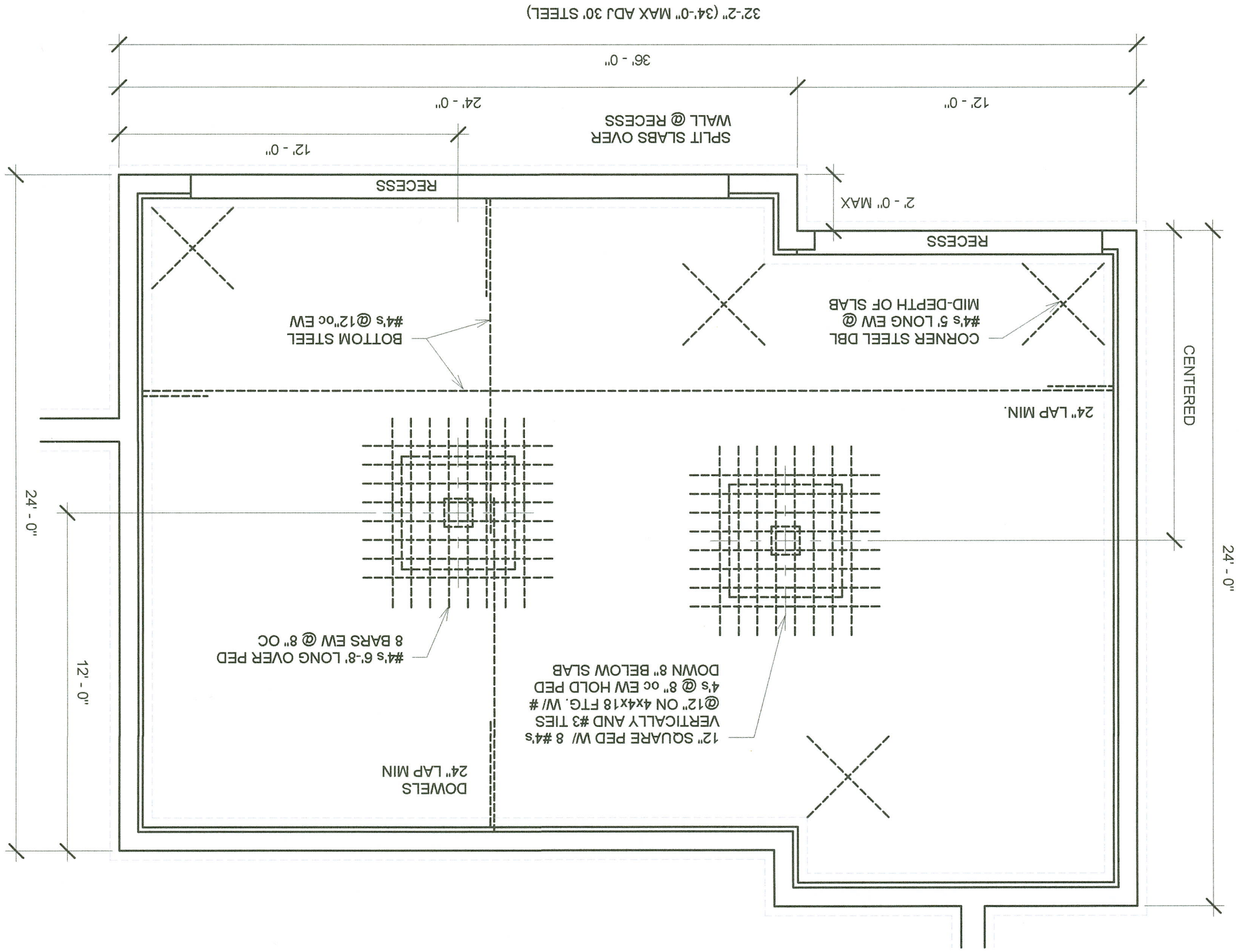
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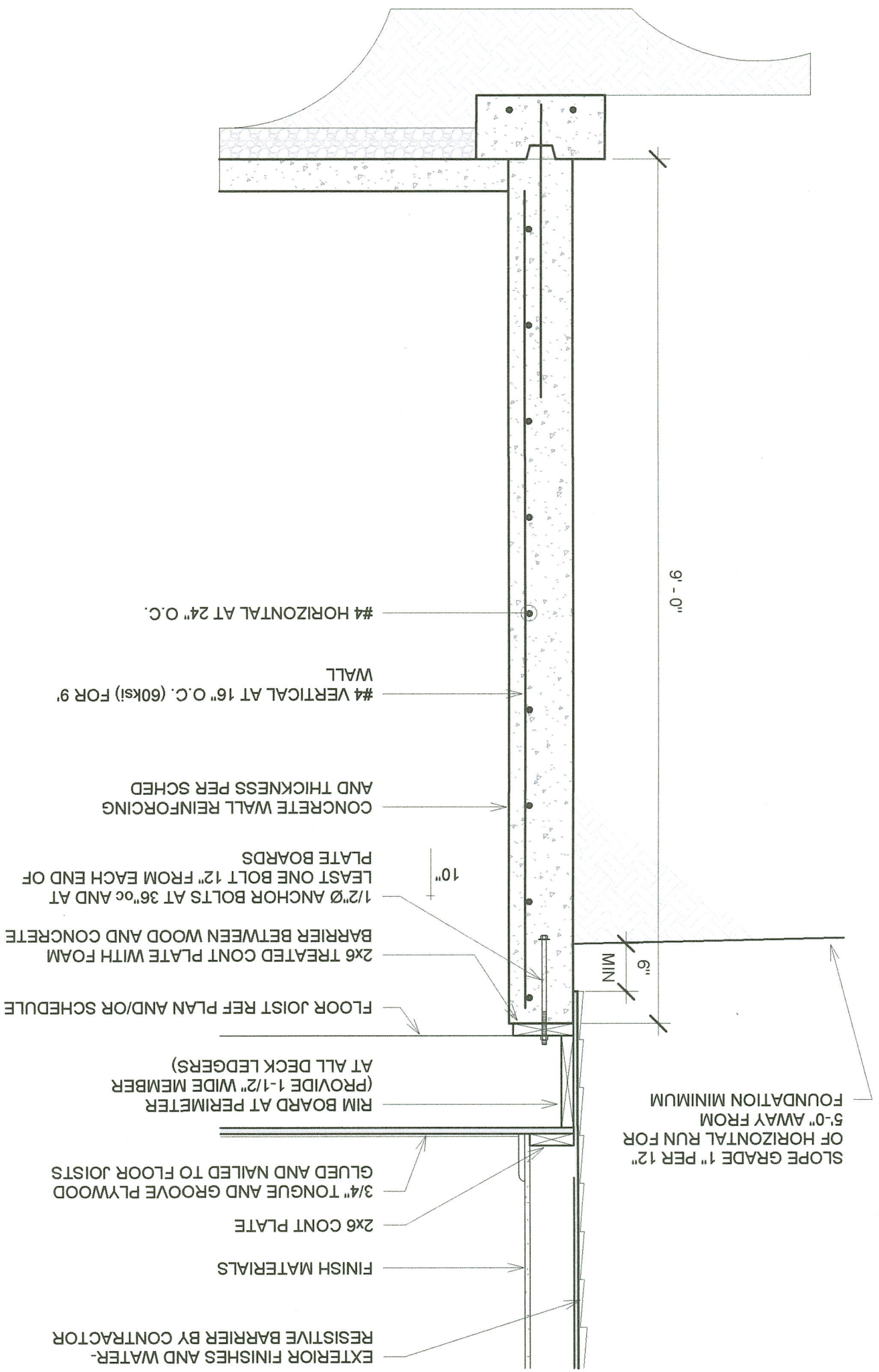
5 GARAGE SLAB ON FILL

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



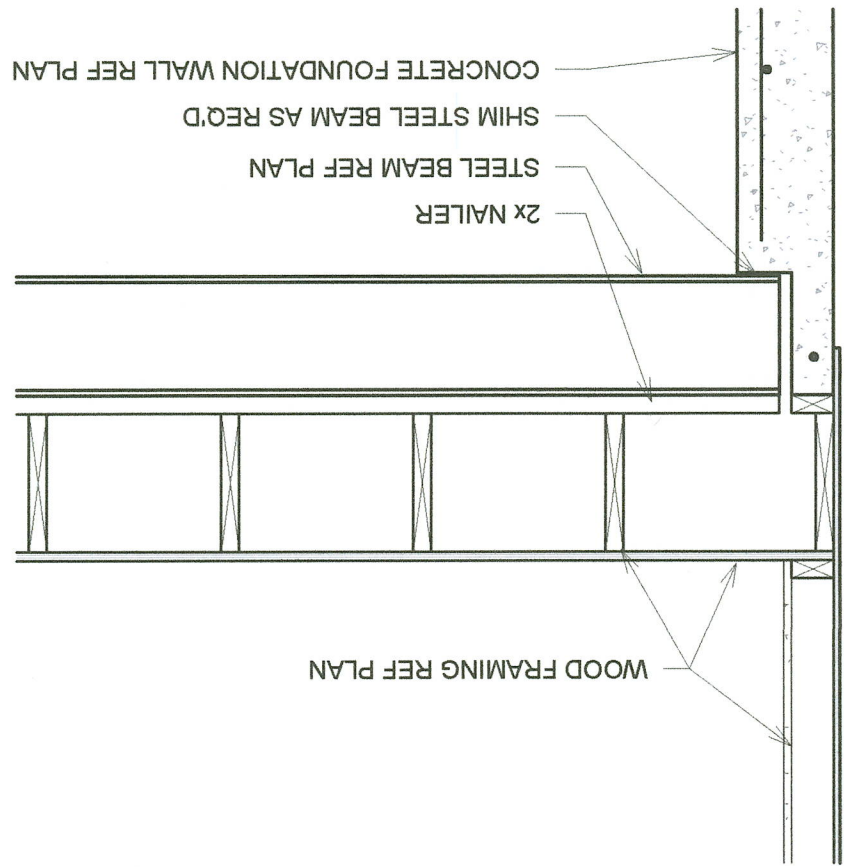
4 FULL HEIGHT BASEMENT WALL SECTION

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



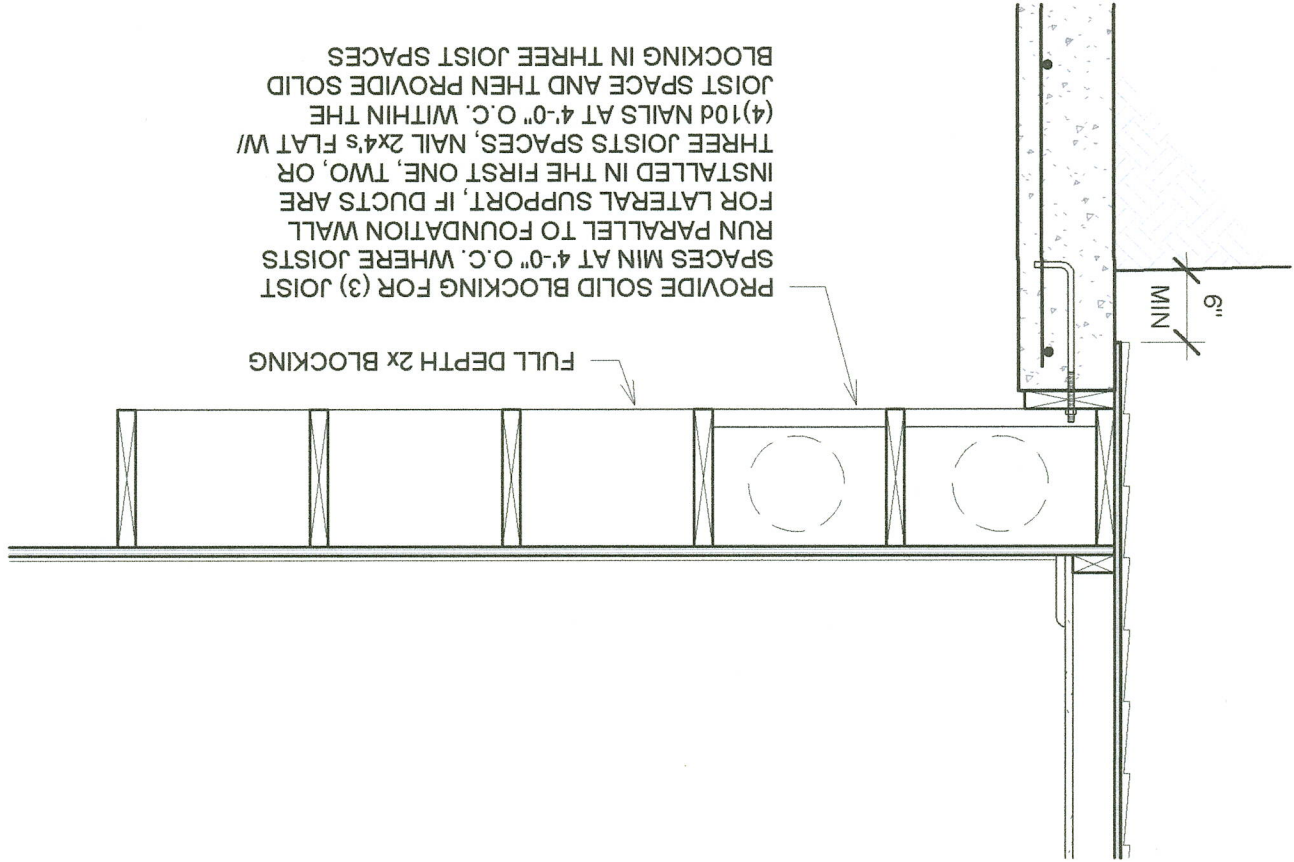
3 STL BEAM ON CONG FOUND WALL

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



2 JOISTS PARALLEL TO WALL

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



1 TYPICAL BEAM AT COLUMN

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

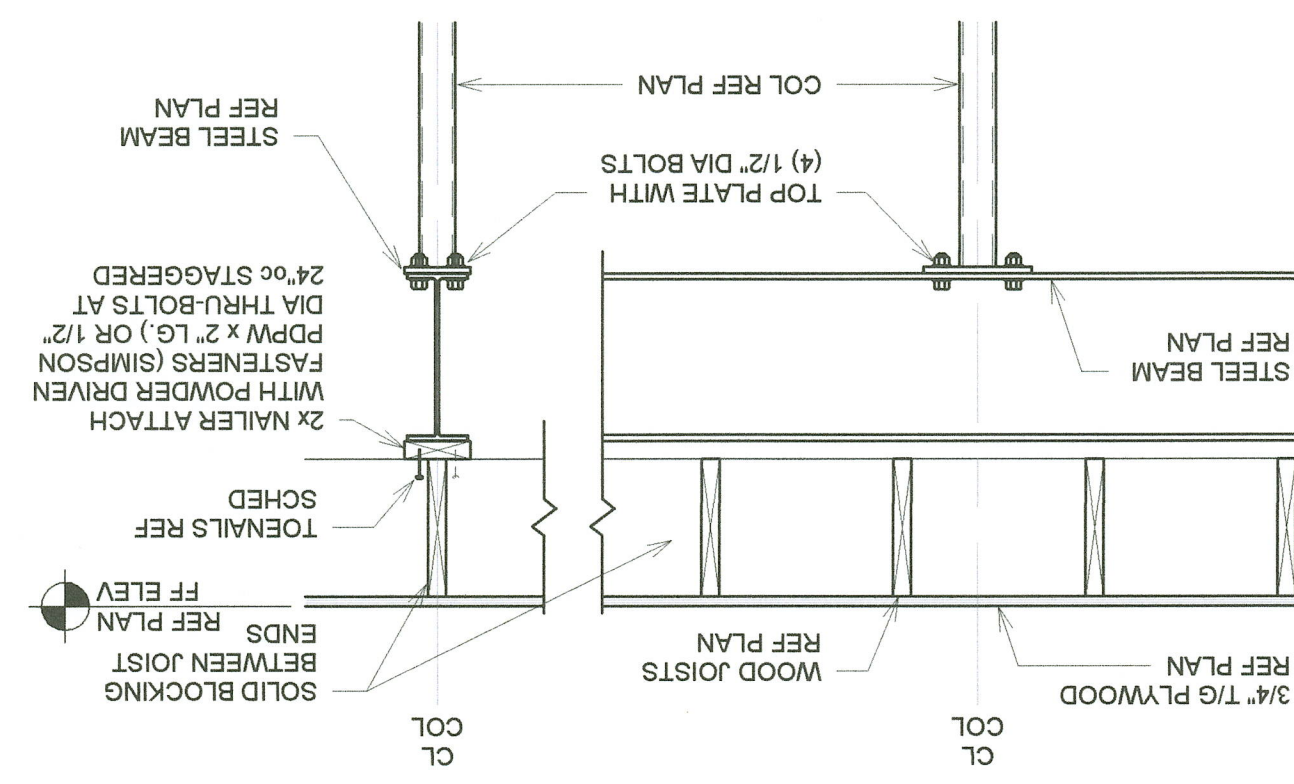
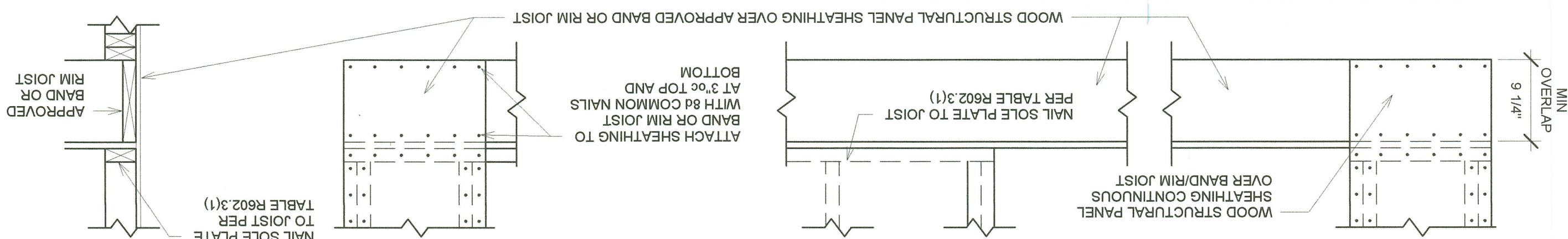


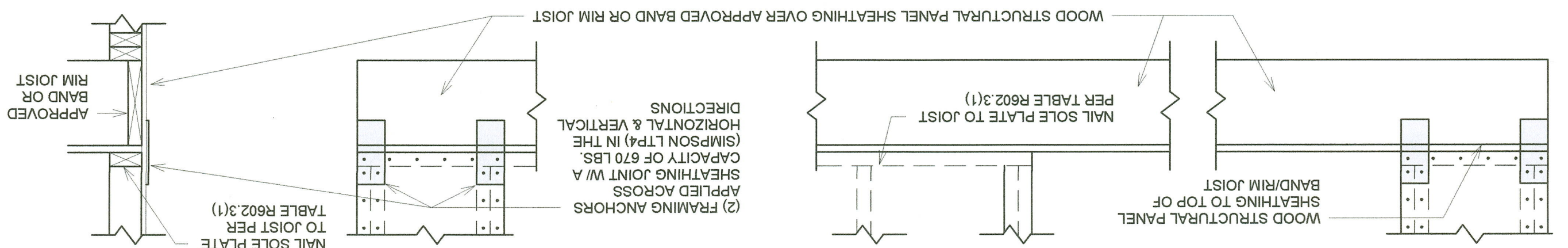
TABLE R602.10.5 - MINIMUM LENGTH OF BRACED WALL PANELS		METHOD		SUPPORTING ROOF ONLY		STORY AND ROOF		SEISMIC DESIGN CATEGORY A,B,C		SEISMIC DESIGN CATEGORY D1, D2		CS-PF	
WALL LENGTH PER PORTAL HEADER HEIGHT	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	16"	24"	16"	24"	16"	24"	16"	24"
WITH 8d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"
WITH 16d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"
WITH 16d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"
WITH 16d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"
WITH 16d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"
WITH 16d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"
WITH 16d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"
WITH 16d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"
WITH 16d COMMON NAILS	10 FEET	11 FEET	12 FEET			16"	24"	16"	24"	16"	24"	16"	24"

1
Method CS-PF Continuous Sheathed Portal Frame Panel
(R602.10.6.4)

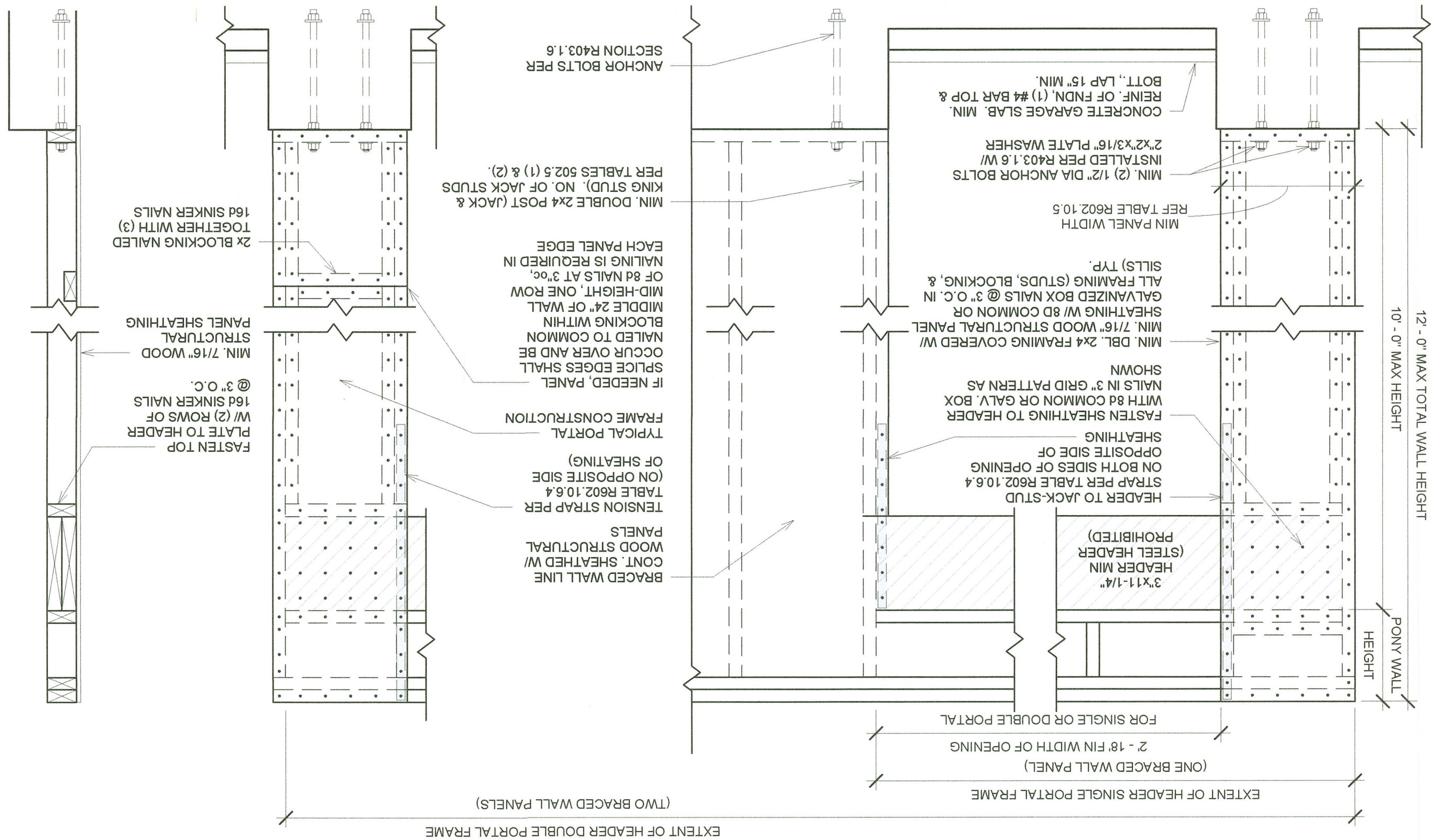
OVER RAISED WOOD FLOOR - OVERLAP OPTION
(WHEN PORTAL SHEATHING LAPS OVER BAND OR RIM JOIST)



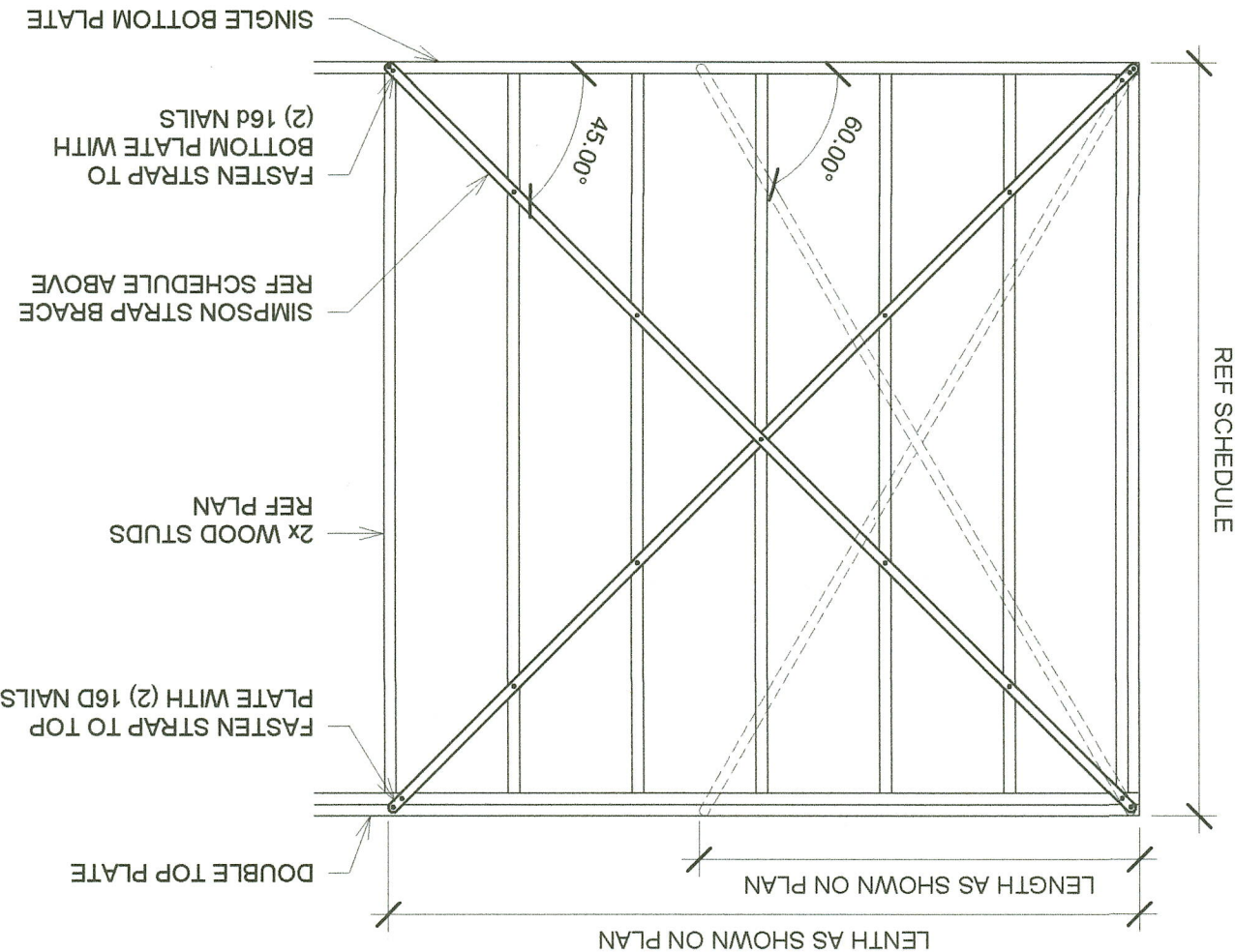
OVER RAISED WOOD FLOOR - FRAMING ANCHOR OPTION
(WHEN PORTAL SHEATHING DOES NOT LAP OVER BAND OR RIM JOIST)



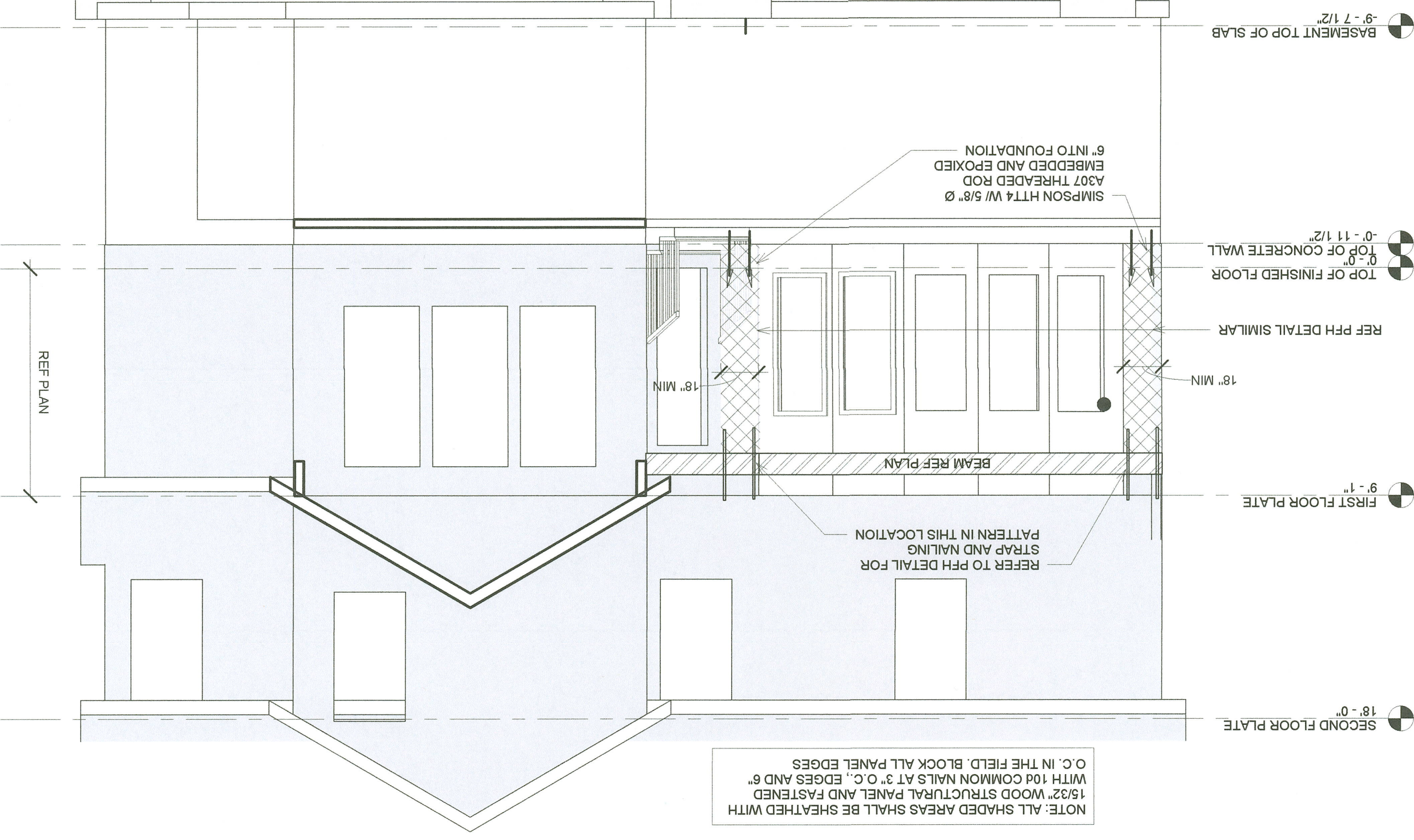
OVER CONCRETE OR MASONRY BLOCK FOUNDATION



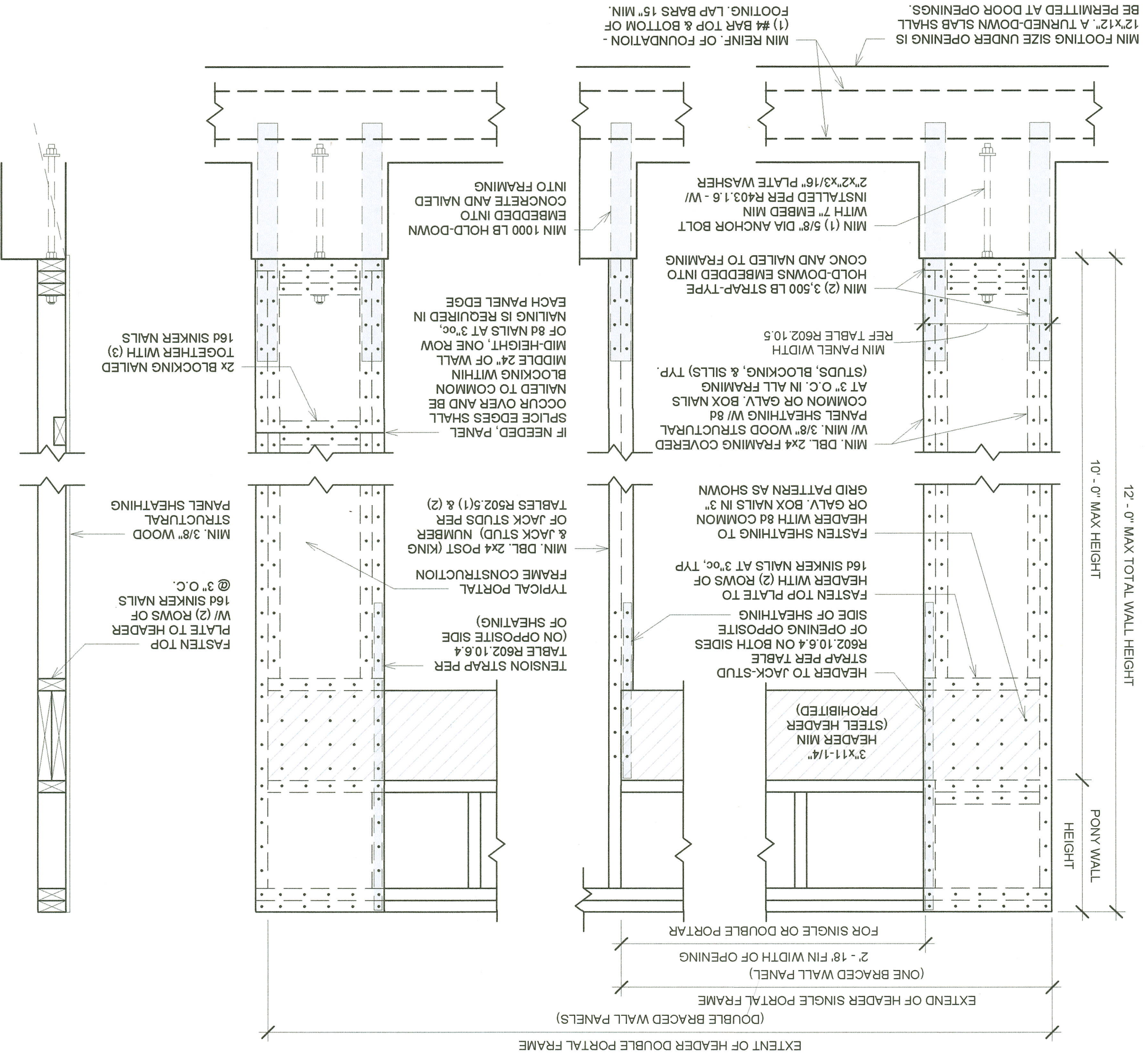
4
INTERIOR BRACED WALL (LIB)



3
ENGINEERED WALL BRACING AT BACK ELEVATION

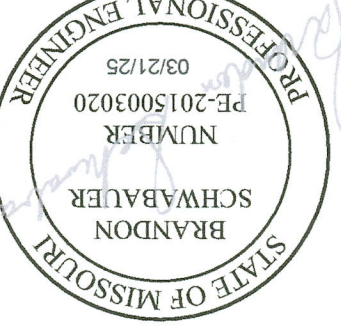


2
METHOD PFH (R602.10.6.2)



PROJECT INFORMATION

THE LEXINGTON II
2619 SW TRACKER LANE
LEE'S SUMMIT, MISSOURI 64082
MCFARLAND CUSTOM BUILDERS INC



NAS JOB NUMBER: 2025-0716

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SHEET TITLE

DETAILS

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CHECKED BY: BSS
ISSUED FOR:

SHEET NUMBER

S505