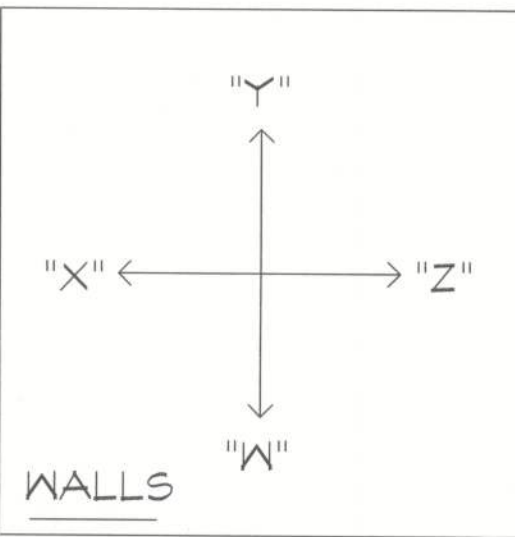
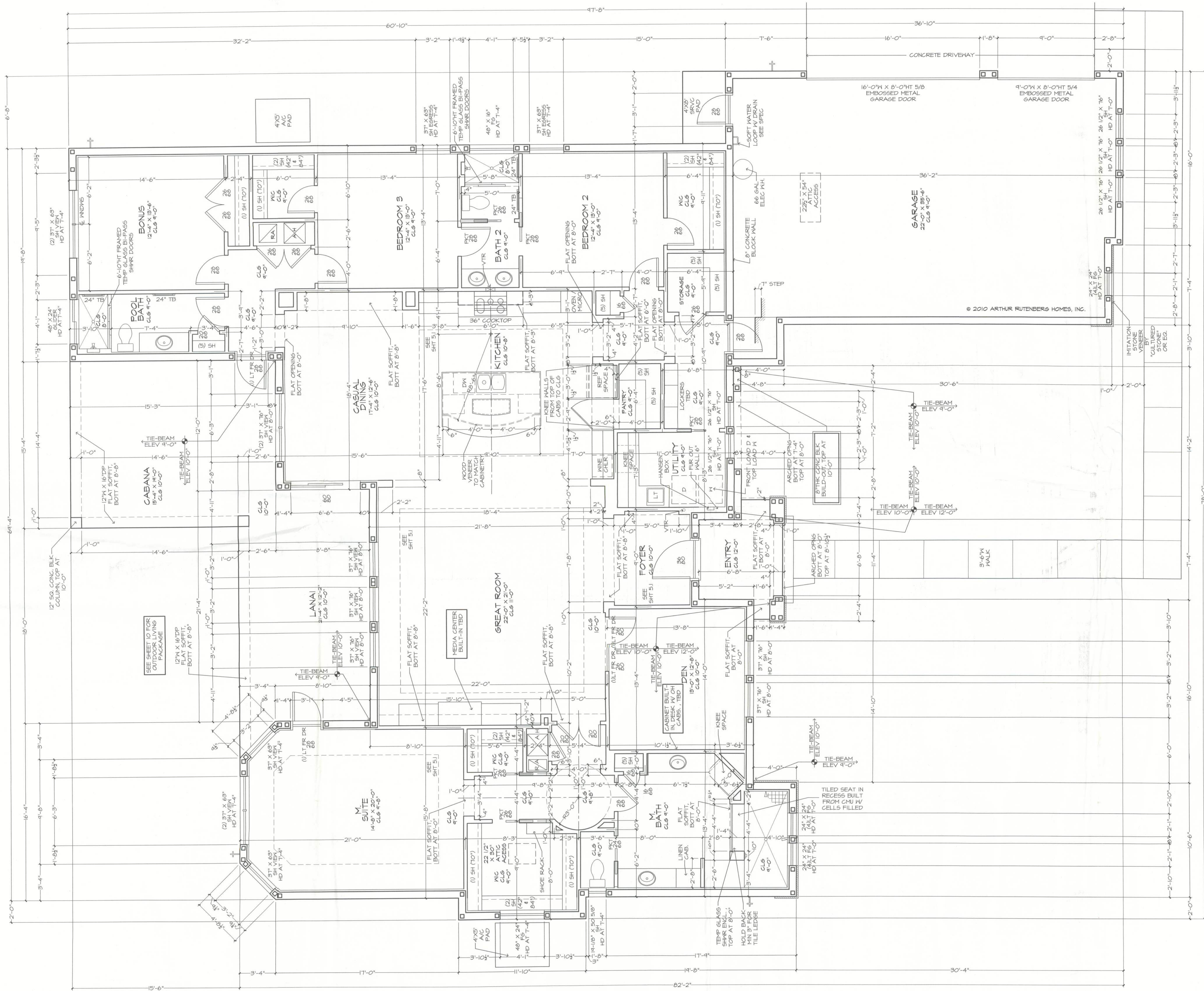
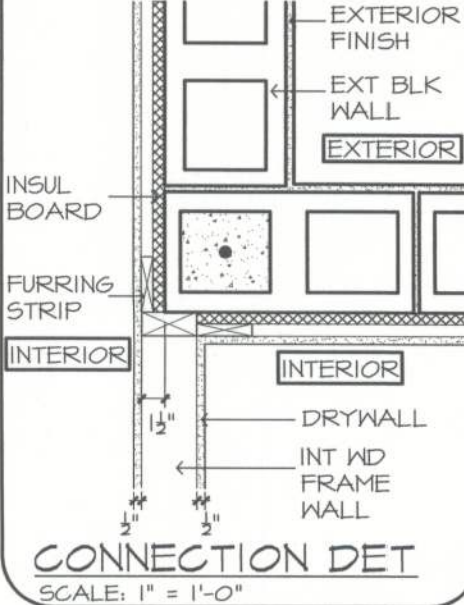




AREA	SQ. FT.
ENTRY	74 SF
GARAGE	554 SF
LANAI	545 SF
LIVING	3219 SF
TOTAL	4751 SF

- = FILLED CELL WITH (2) #5 VERTICAL
- = FILLED CELL WITH (1) #5 VERTICAL
- = FILLED CELL WITH (1) #5 TURNED 2'-0" INTO SLAB

NOTE: AT ALL INTERIOR WOOD FRAME TO EXTERIOR BLOCK WALL CONNECTIONS AS SHOWN HERE, SET LOCATION OF INT. WOOD FRAME WALL AS INDICATED. ANY DIMENSION STRINGS ON FLOOR PLAN LOCATING THESE WALLS, NEEDS TO BE FIELD VERIFIED PER THIS DETAIL.



- GENERAL NOTES:**
- ALL WINDS TO HAVE FLUSH SILLS. PITCH TOP OF SILL FIN AWAY FROM WDW FRAME.
 - VERIFY ALL WDW & DR ROUGH OPNGS W/ MFR SPECS. SEE PLAN FOR WDW HDR HTS.
 - VERIFY DEPTH AND WIDTH OF SLAB RECESS AT ALL DOORS TO ACCOMMODATE PROPER ALIGNMENT WITH THRESHOLDS AND DOOR TRACKS WITH MFR. REQUIREMENTS IN RELATION TO FINISH FLOOR MATERIALS.
 - REG. CLG SURFACES, BOTH HORIZONTAL AND VERTICAL, SHALL HAVE SMOOTH FIN.
 - PROVIDE SOLID FILLED CONC. BLOCK AT ALL SHOWER SEATS.
 - SEE SHEET 6 FOR SPECIFIC ELEV. DETAILS.
 - SEE SHEET 10 FOR OPTIONAL OUTDOOR LIVING PACKAGE & DETAILS.



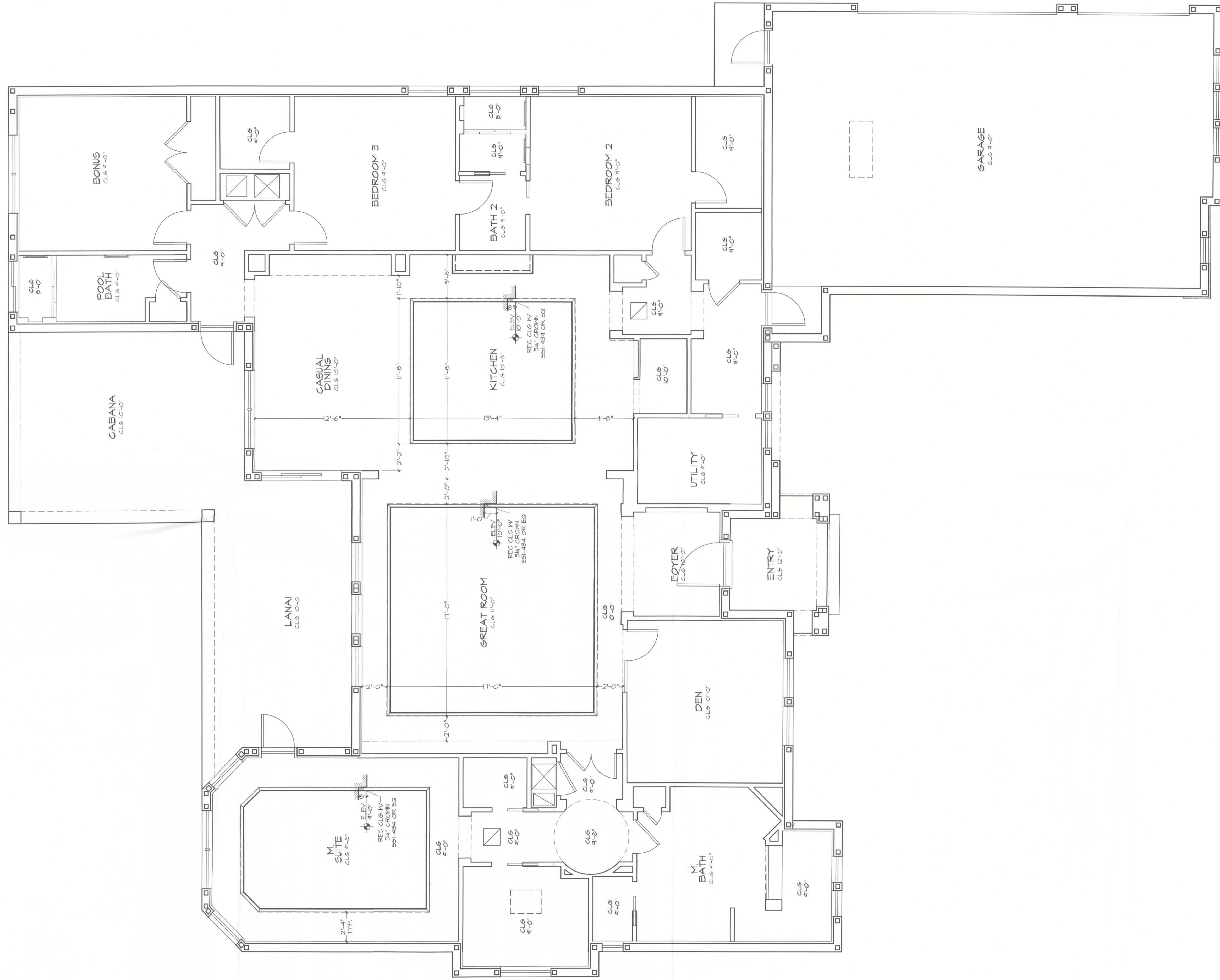
Arthur Rutenberg Homes
© 2010 ARTHUR RUTENBERG HOMES, INC. ALL RIGHTS RESERVED.

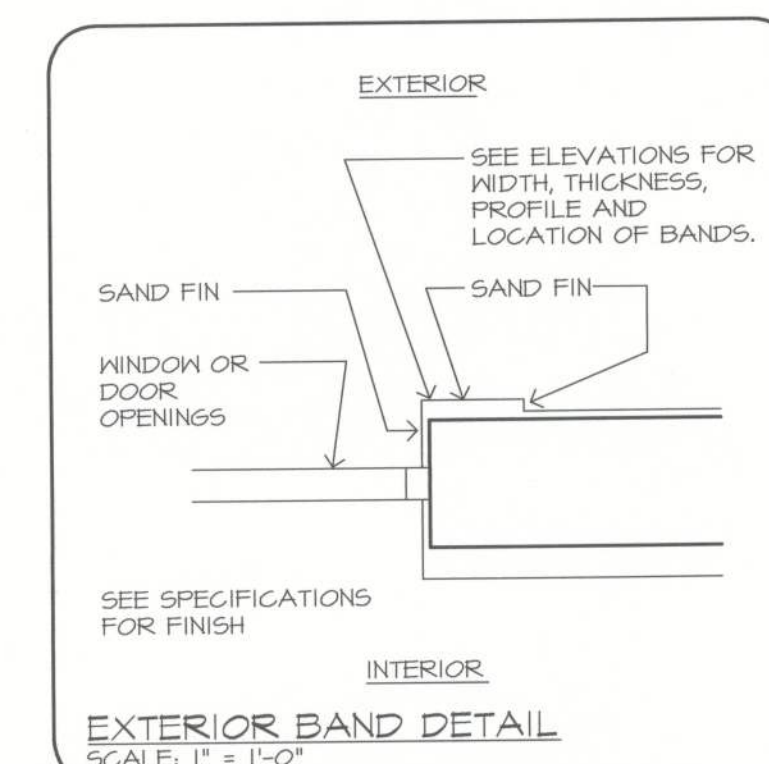
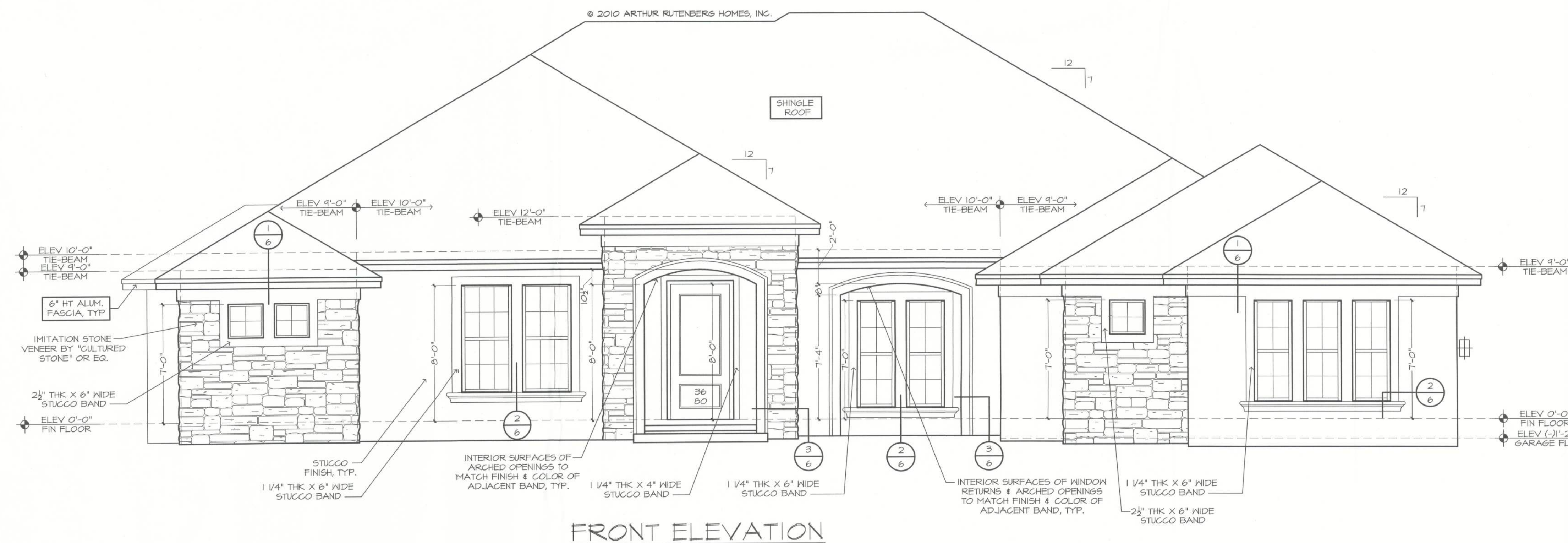
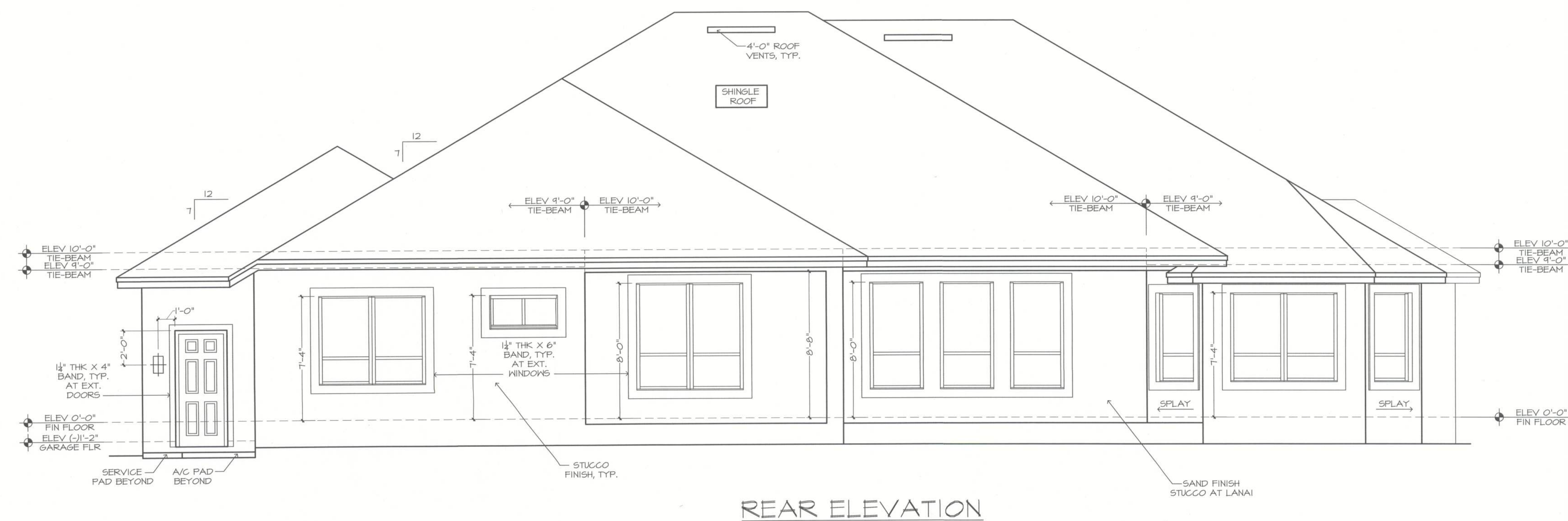
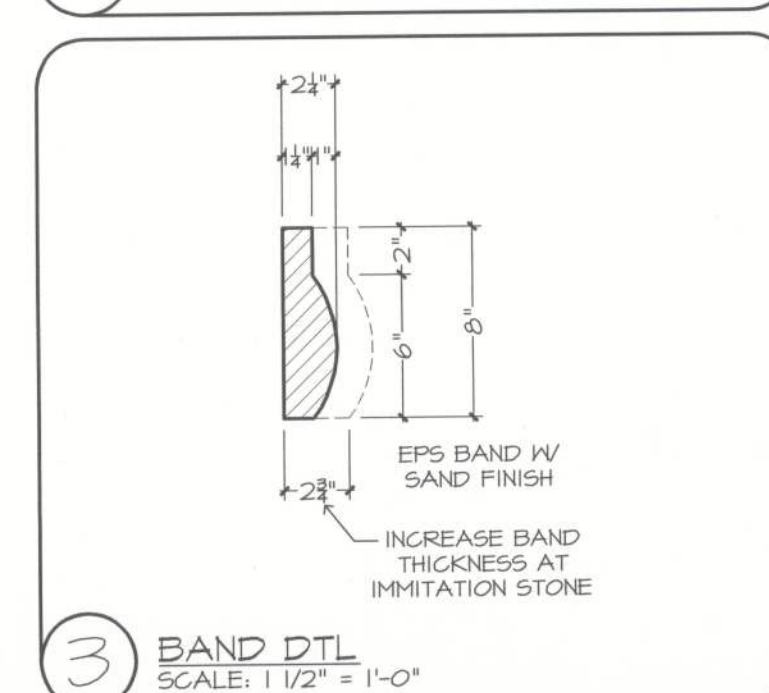
ARTHUR RUTENBERG HOMES, INC. IS RESPONSIBLE FOR THE AESTHETIC DESIGN ONLY AS SHOWN HERE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THESE PLANS AND CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THESE PLANS AND CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THESE PLANS AND CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THESE PLANS AND CONSTRUCTION.

THE BERMUDA 1129B - R - GLENN RESIDENCE
 BUILDER: BRYAN ZECHER HOMES, INC.
LAKE CITY, FLORIDA
 AN INDEPENDENT, OWNED AND OPERATED FRANCHISE

FLOOR PLAN
PLAN 1129B-3H-01-1"

5





GENERAL NOTES:

- USE EPS FILLER ON ALL BANDS 2" AND THICKER.
- FLAT SOFFIT AT PERIMETER OF HOUSE
- WECS NOTED OTHERWISE.
- VERIFY ALL WDM & DR ROUGH OFNGS W/ MFR SPECS.
- LOCATE ALL PLUMBING STACKS BEYOND THE FRONT ELEV ROOF RIDGES, IF ALLOWABLE PER CODE.
- ROOF VENTS SHOWN FOR LOCATION PURPOSE ONLY.
- NUMBER OF ROOF VENTS TO BE DETERMINED BY BUILDER.
- WHERE EPS CORNICE OCCURS, PROVIDE $\frac{1}{2}$ " FNT GRADE PLYWOOD SOFFIT/W.O.N.

EPS SHALL BE 2 LB CU/FT W/ APPROVED CEMENTITIOUS FIN.
REFER TO DRAWING FOR FIN TEXTURE.

FRAMING PLAN DISCLAIMER

THE FRAMING PLANS REPRESENTED IN THESE DRAWINGS ARE INTENDED TO ESTABLISH PROPOSED FRAMING MEMBER LOCATIONS, FRAMING MEMBER DEPTH, POTENTIAL BEARING LOCATIONS AND ELEVATIONS, AND IS IN NO WAY INTENDED TO BE INTERPRETED AS STRUCTURAL ENGINEERED DRAWINGS. THE CONTRACTOR (BUILDER) SHALL ENSURE THAT THE STRUCTURE CONFORMS TO THOSE STANDARDS IN ALL RESPECTS INCLUDING STRENGTH, STRESSES, STRAINS, LOADS, CONNECTIONS, AND STABILITY. REFER TO PLAN DISCLAIMER LOCATED ON THIS SHEET FOR ADDITIONAL STIPULATIONS AND REQUIREMENTS.

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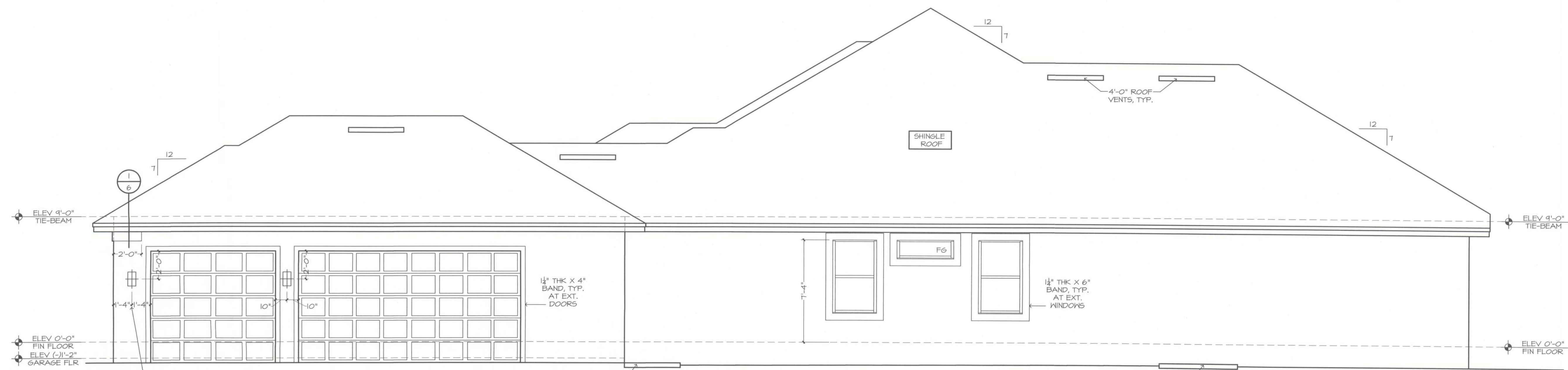
10/16/20 VEG - PC
02/28/21 VEG - A
12/16/21 - BR - A

PLAN DISCLAIMER
ARTHUR RUTENBERG HOMES, INC. THE DESIGNER IS RESPONSIBLE FOR THE ARCHITECTURAL DESIGN ONLY AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR (BUILDER) IS RESPONSIBLE FOR THE STRUCTURAL DESIGN OF THE BUILDING, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: FOUNDATIONS, EARTH, TIE, TECHNICAL, CODES, ELEVATION, AND ALL OTHERS. THE CONTRACTOR (BUILDER) SHALL ENSURE THAT THE STRUCTURE CONFORMS TO THOSE STANDARDS IN ALL RESPECTS INCLUDING STRENGTH, STRESSES, STRAINS, LOADS, CONNECTIONS, AND STABILITY. REFER TO PLAN DISCLAIMER LOCATED ON THIS SHEET FOR ADDITIONAL STIPULATIONS AND REQUIREMENTS.

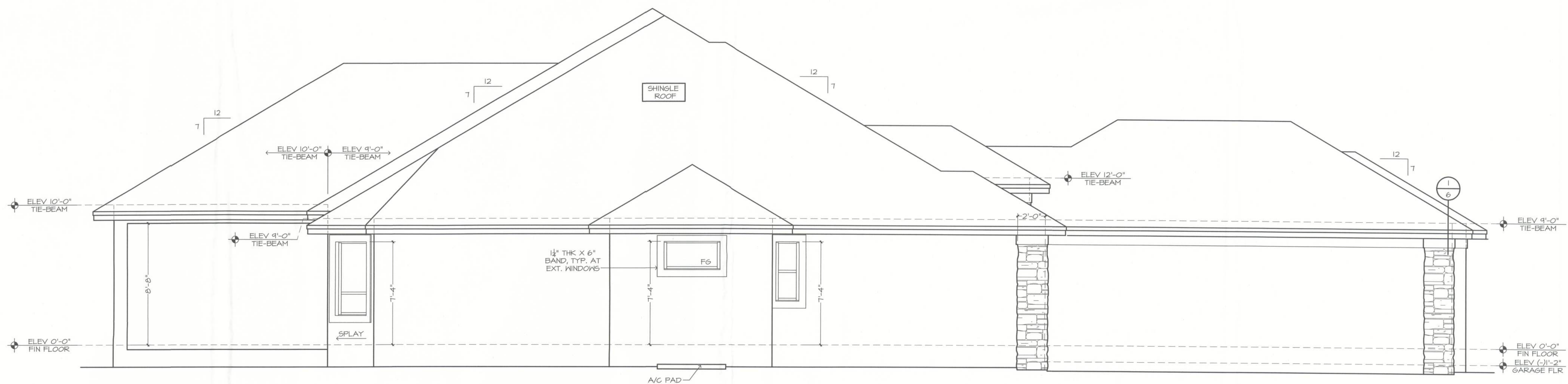
THE BERMUDA 1129B - R - GLENN RESIDENCE
BUILDER: BRYAN ZECHER HOMES, INC.
AN INDEPENDENTLY OWNED AND OPERATED FRANCHISE

SIDE ELEVATIONS 1/4" = 1'-0"

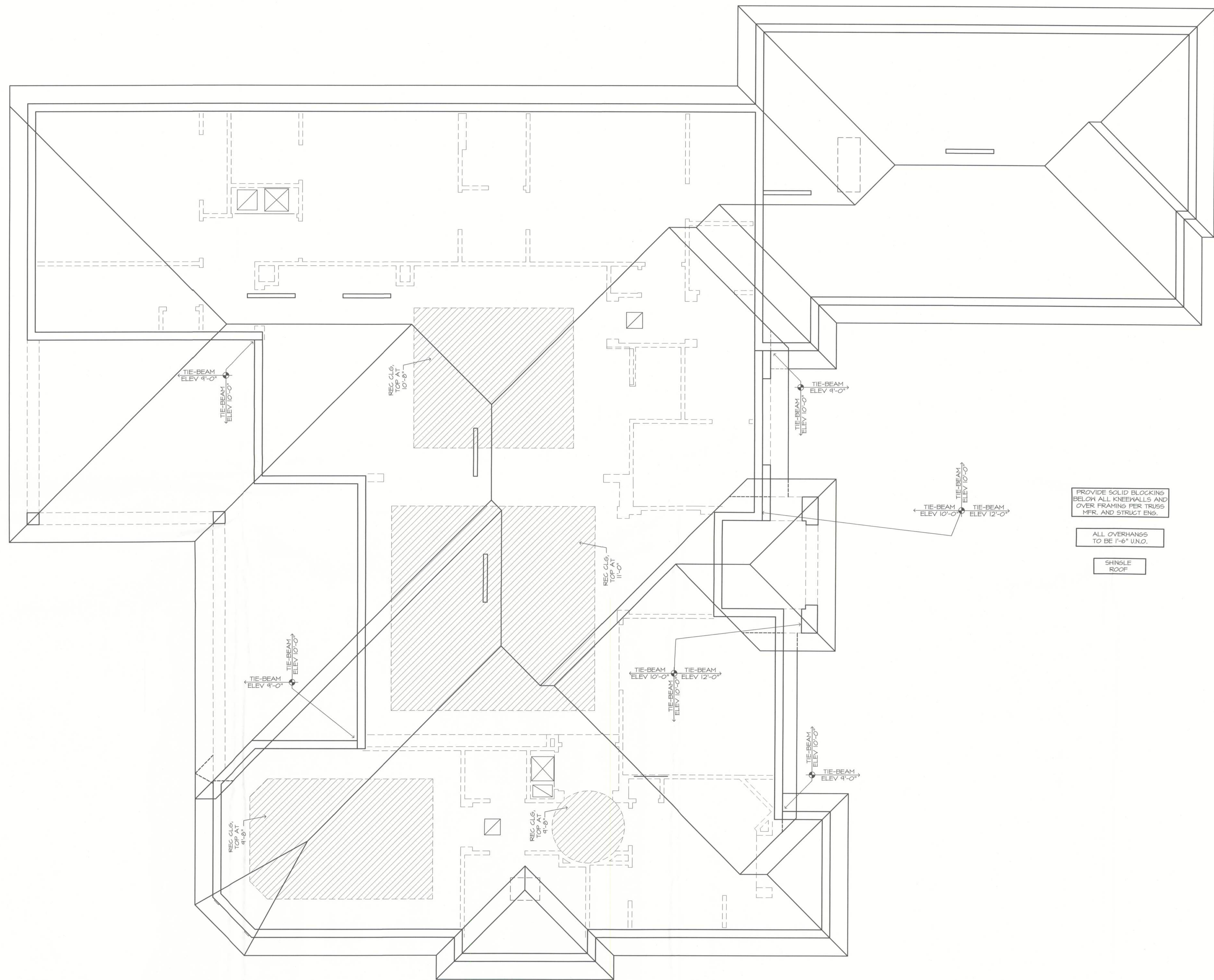
6a



GARAGE SIDE ELEVATION



SIDE ELEVATION



ROOF PLAN

MECHANICAL DISCLAIMER
THE DUCT ROUTING AND HVAC EQUIPMENT SHOWN ON THESE DRAWINGS ARE DIAGRAMATIC ONLY. THE BUILDER IS SOLELY RESPONSIBLE FOR COORDINATING ALL ASPECTS OF MECHANICAL INSTALLATION WITH ALL TRADES. THE BUILDER SHALL COORDINATE BETWEEN THE PRE-ENGINEERED TRUSS MFR. AND/OR FRAMING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR TO ENSURE ADEQUATE SPACE FOR DUCT ROUTING AND EQUIPMENT PLACEMENT AND SUPPORT. HVAC INSTALLATION SHALL BE INSTALLED ACCORDING TO ALL CURRENT STATE AND LOCAL MECHANICAL CODES.

FRAMING PLAN DISCLAIMER
THE FRAMING PLANS REPRESENTED IN THESE DRAWINGS ARE INTENDED TO ESTABLISH PROPOSED FRAMING MEMBER LOCATIONS, FRAMING MEMBER DEPTH, POTENTIAL BEARING LOCATIONS AND ELEVATIONS, AND IS IN NO WAY INTENDED TO BE INTERPRETED AS STRUCTURAL ENGINEERED DRAWINGS. THE CONTRACTOR (BUILDER) SHALL ENSURE THAT THE STRUCTURE CONFORMS TO THOSE STANDARDS IN ALL RESPECTS INCLUDING STRENGTH, STRESSES, STRAINS, LOADS, CONNECTIONS, AND STABILITY. REFER TO PLAN DISCLAIMER LOCATED ON THIS SHEET FOR ADDITIONAL STIPULATIONS AND REQUIREMENTS.

6b

TRUSS & ROOF PLAN

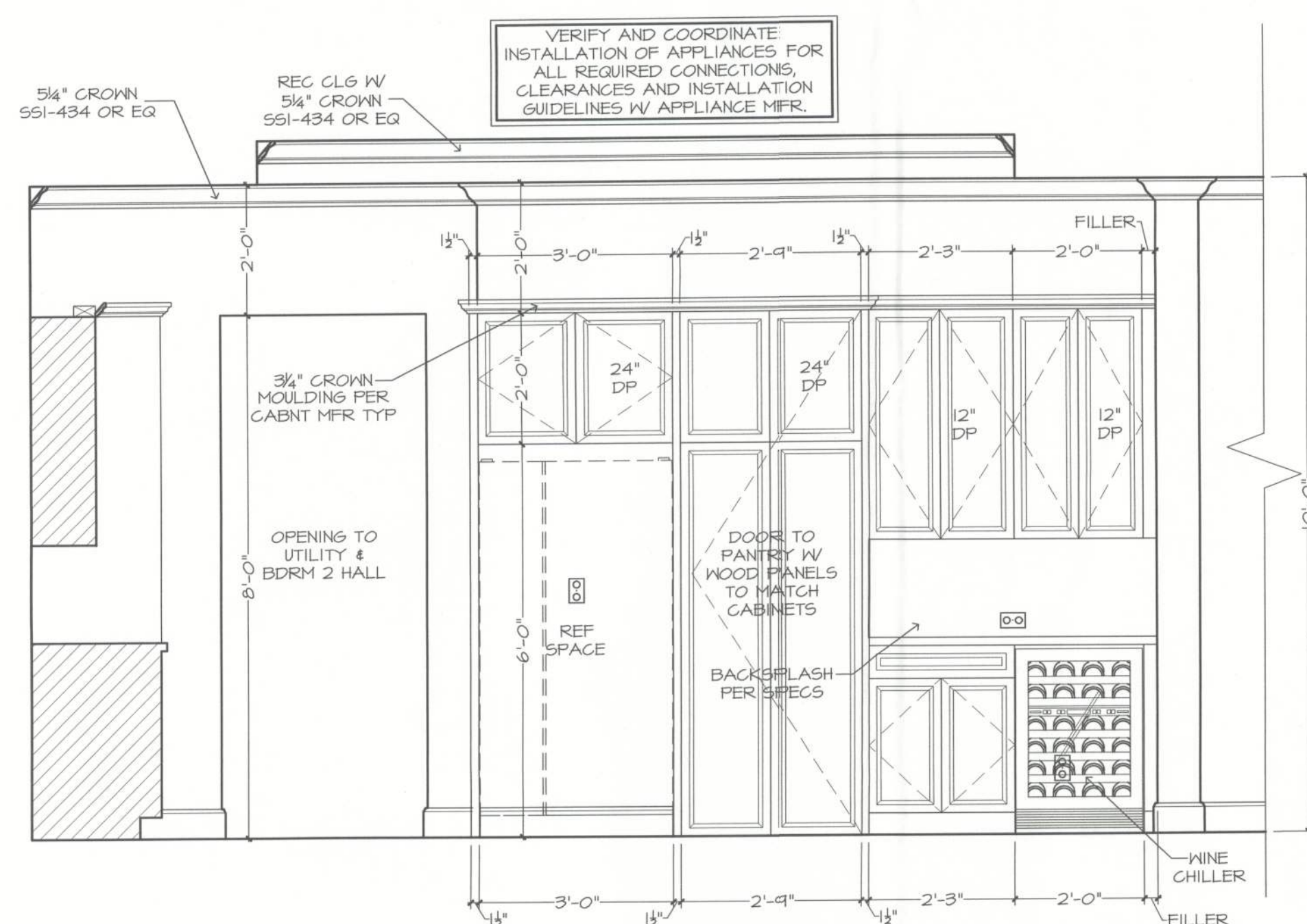
1/4" = 1'-0"

THE BERMUDA 1129B - R - GLENN RESIDENCE
BUILDER: BRYAN ZECHER HOMES, INC.
AN INDEPENDENTLY OWNED AND OPERATED FRANCHISE

ARTHUR RUTENBERG
HOMES

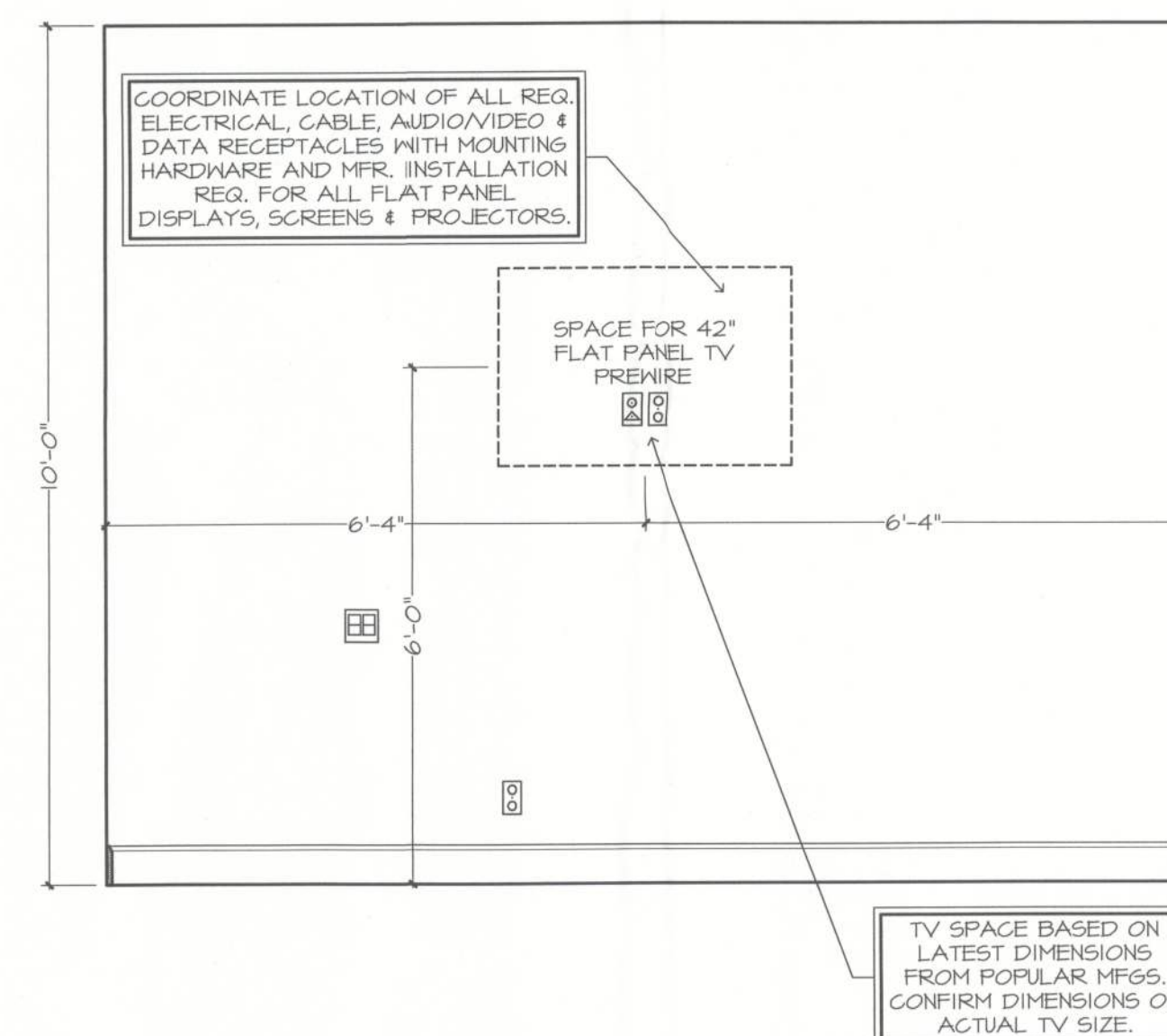
10/14/2010 - RC
08/25/2011
12/14/11 - RSR - A
ARTHUR RUTENBERG HOMES, INC.
ALL RIGHTS RESERVED

ARTHUR RUTENBERG HOMES, INC. IS RESPONSIBLE FOR THE ARCHITECTURAL DESIGN ONLY AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR (BUILDER) IS RESPONSIBLE FOR BOTH FOR CONFORMING THESE PLANS AND CONSTRUCTING THE STRUCTURE TO THE FOLLOWING: ENGINEER, THE SAFETY, LOCAL CODES, FLOOD ZONE CRITERIA, AND ALL OTHERS. THE CONTRACTOR (BUILDER) AND SUBCONTRACTORS ACKNOWLEDGE AND AGREE TO THIS DISCLAIMER.



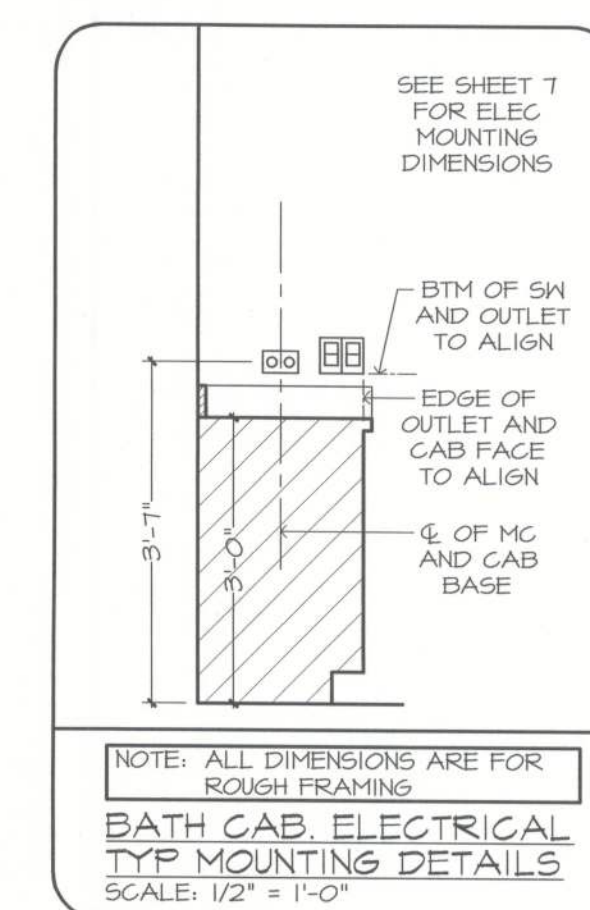
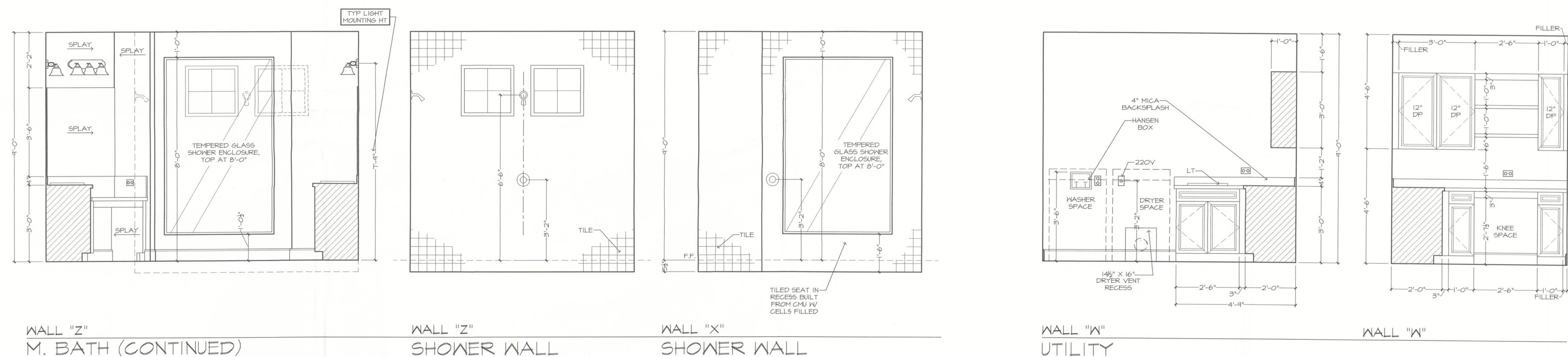
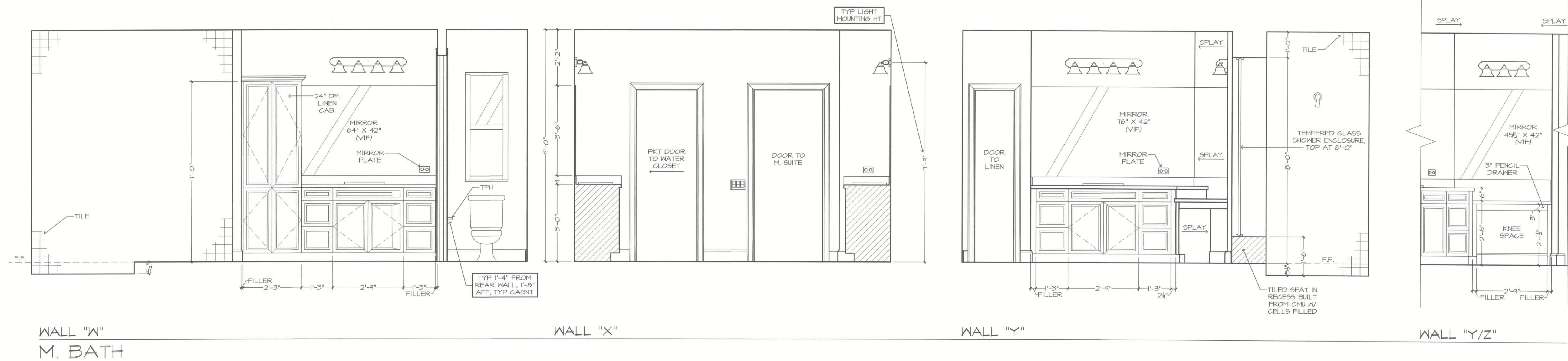
WALL "Z"

KITCHEN (CONTINUED)



WALL "Y"
DEN

PLUMBING, TILE, BASE MLDG, DOOR CASING, &
DECORATIVE LIGHTING & DECORATIVE MIRRORS
ARE ILLUSTRATED FOR LOCATION PURPOSES
ONLY. PLEASE REFER TO COMMUNITY
STANDARDS FOR SIZES & SPECS.



GENERAL NOTES:

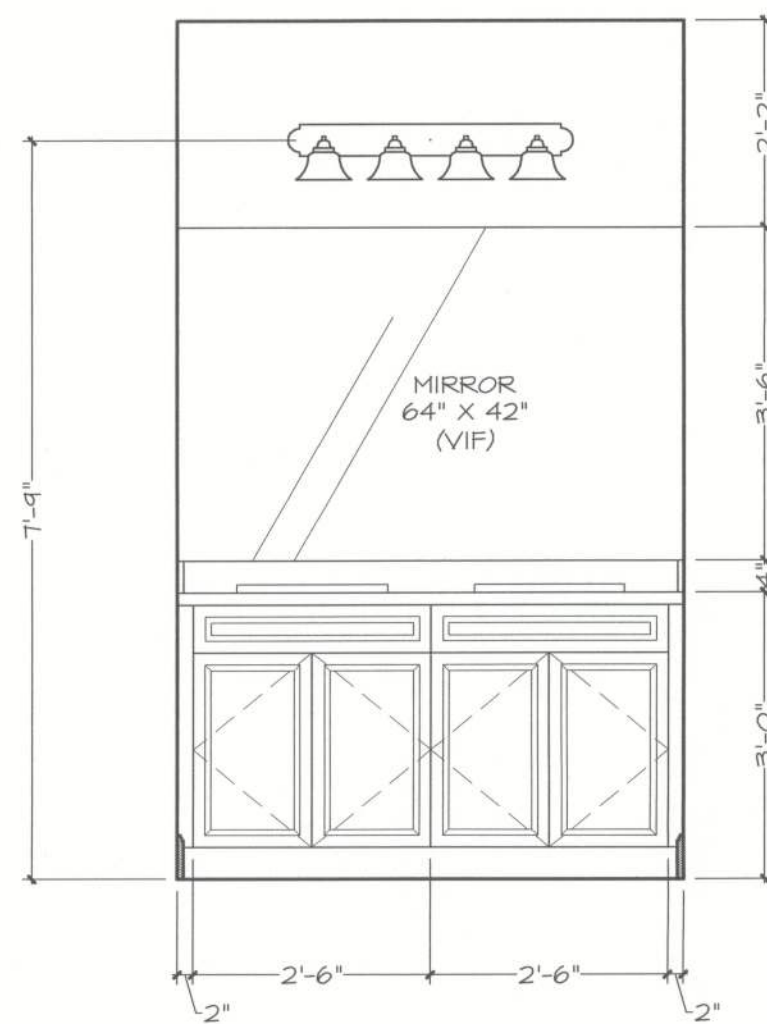
CABINET ELEVATIONS AND LIGHTING ARE GRAPHIC REPRESENTATIONS ONLY. REFERENCE SHOULD BE MADE TO THE ELECTRICAL SHEET, CABINET MFR DRAWINGS AND SPECS FOR FURTHER INFORMATION.

REFER TO CABINET SHOP DRAWINGS FOR CABINET & VANITY TOP DIMENSIONS

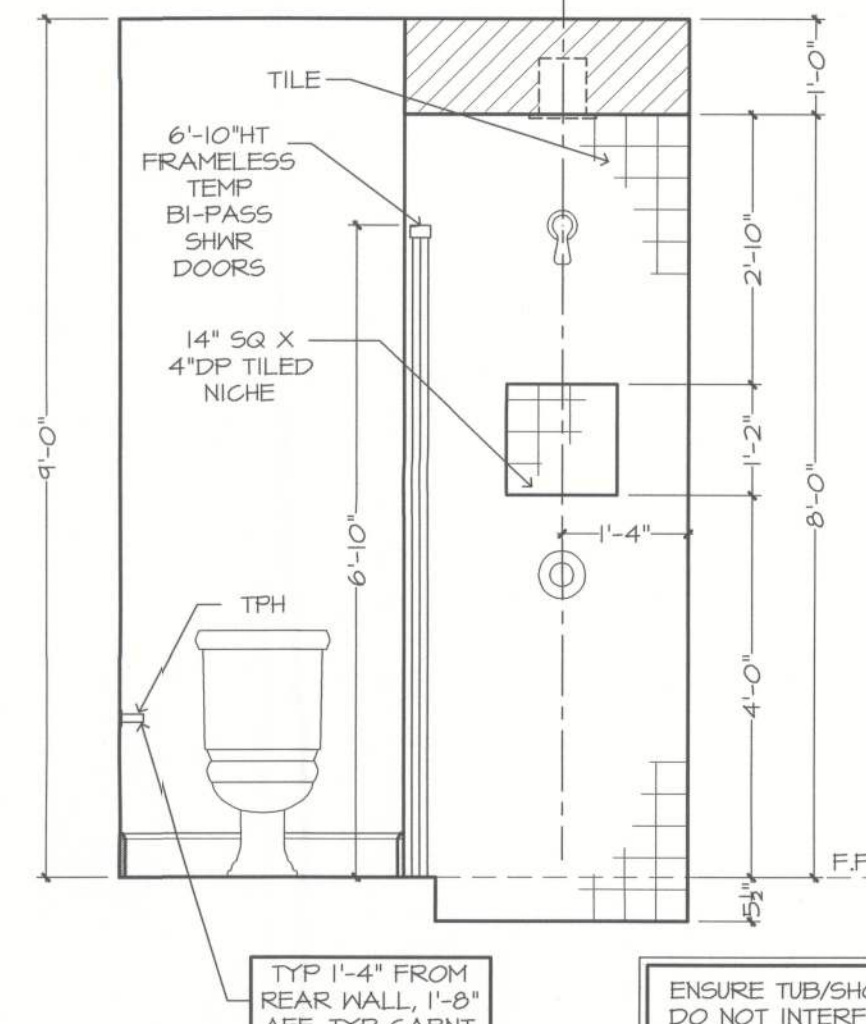
FOR STEPPED UPPER CABINETS:
IF MODULAR CABINETS ARE SELECTED AND NOT AVAILABLE IN SPECIFIED DEPTHS THE WALLS BEHIND CABINETS WILL NEED TO BE BUILT OUT TO OBTAIN SPECIFIED DEPTH.

THE TOE KICK IS 4".

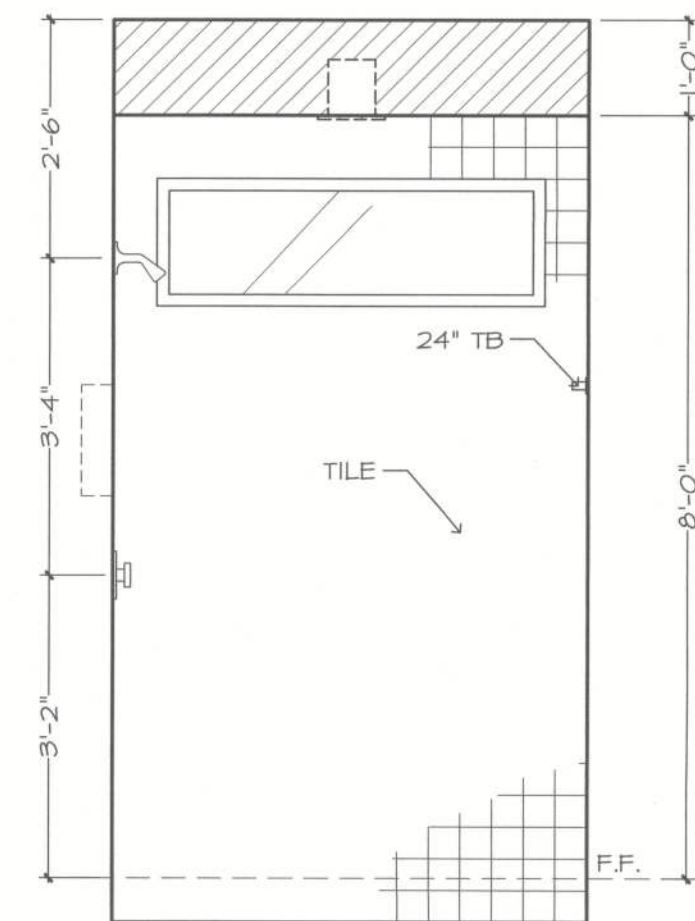
PLUMBING, TILE, BASE MLDG, DOOR CASING, & DECORATIVE LIGHTING & DECORATIVE MIRRORS ARE ILLUSTRATED FOR LOCATION PURPOSES ONLY. PLEASE REFER TO COMMUNITY STANDARDS FOR SIZES & SPECS.



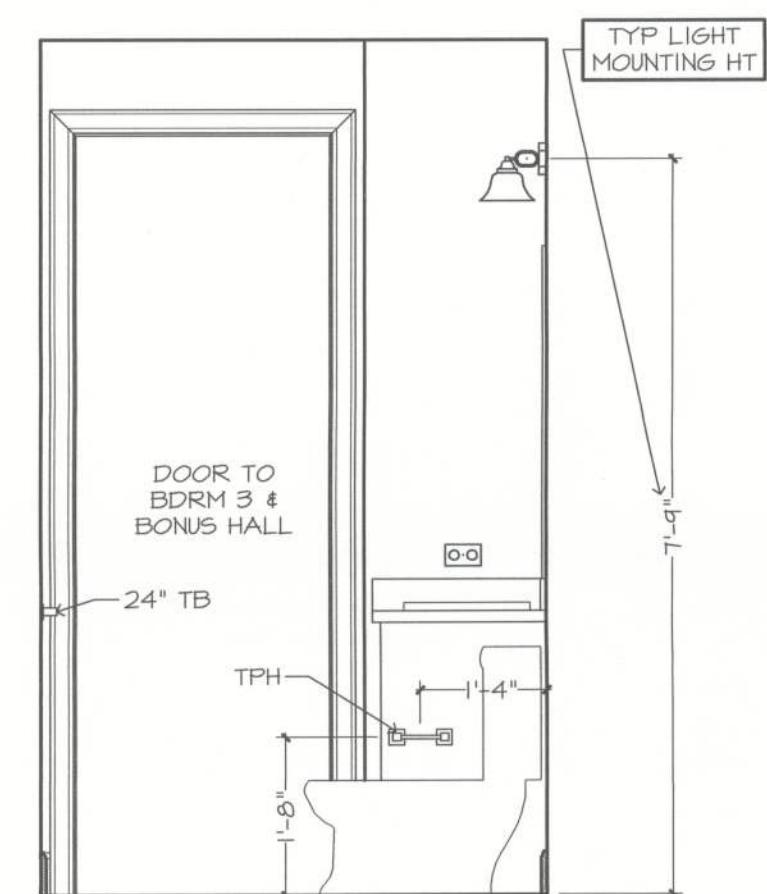
WALL "W"
BATH 2



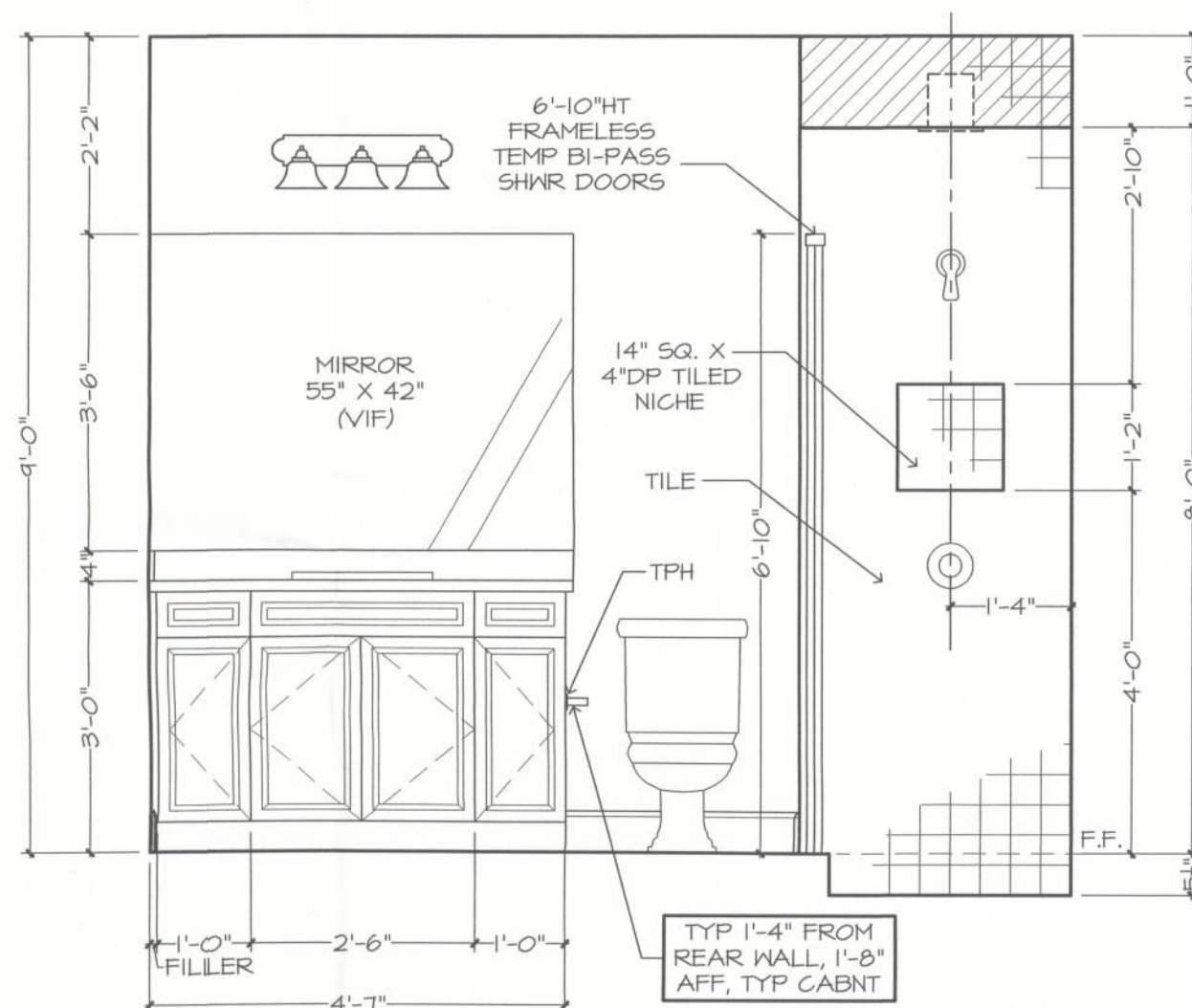
WALL "X"



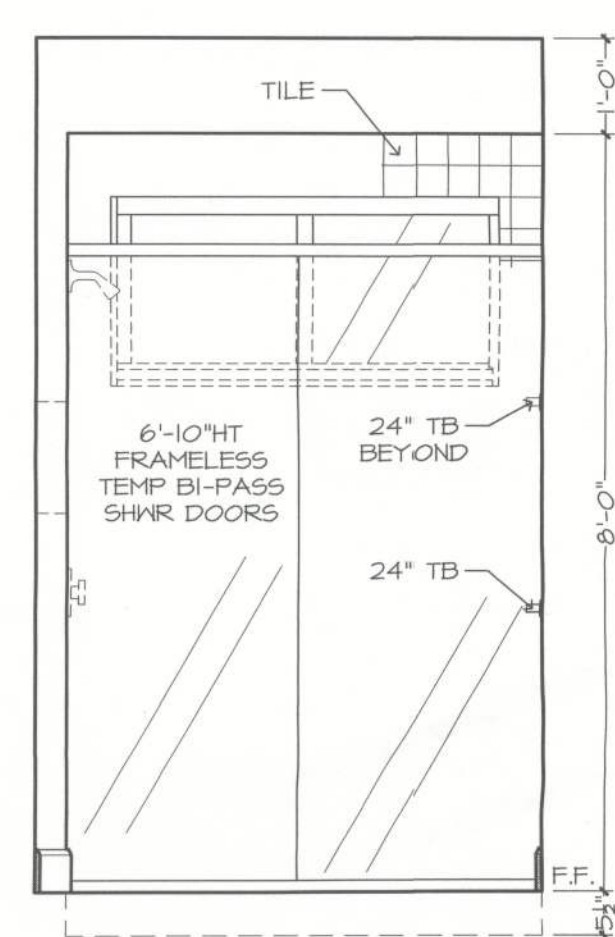
WALL "Y"



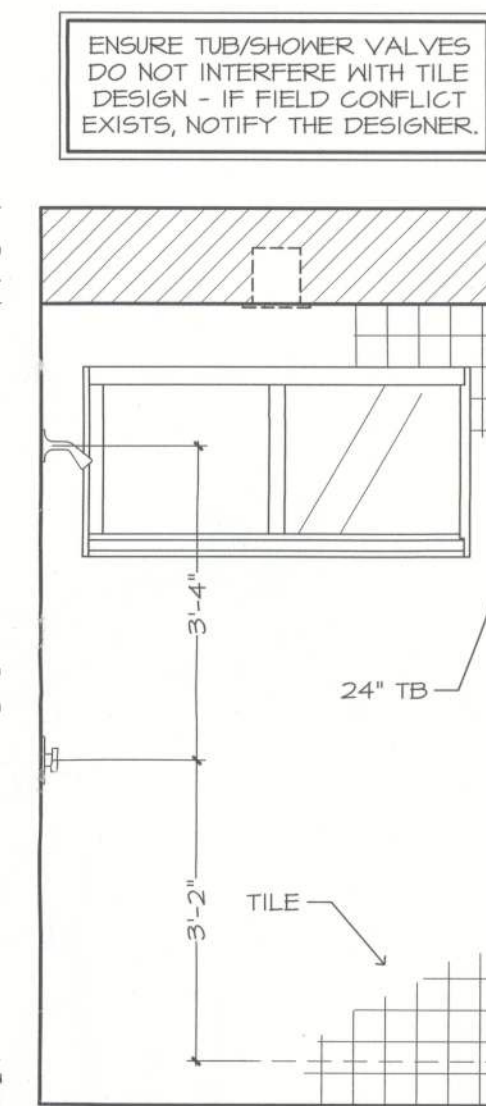
WALL "Z"
POOL BATH



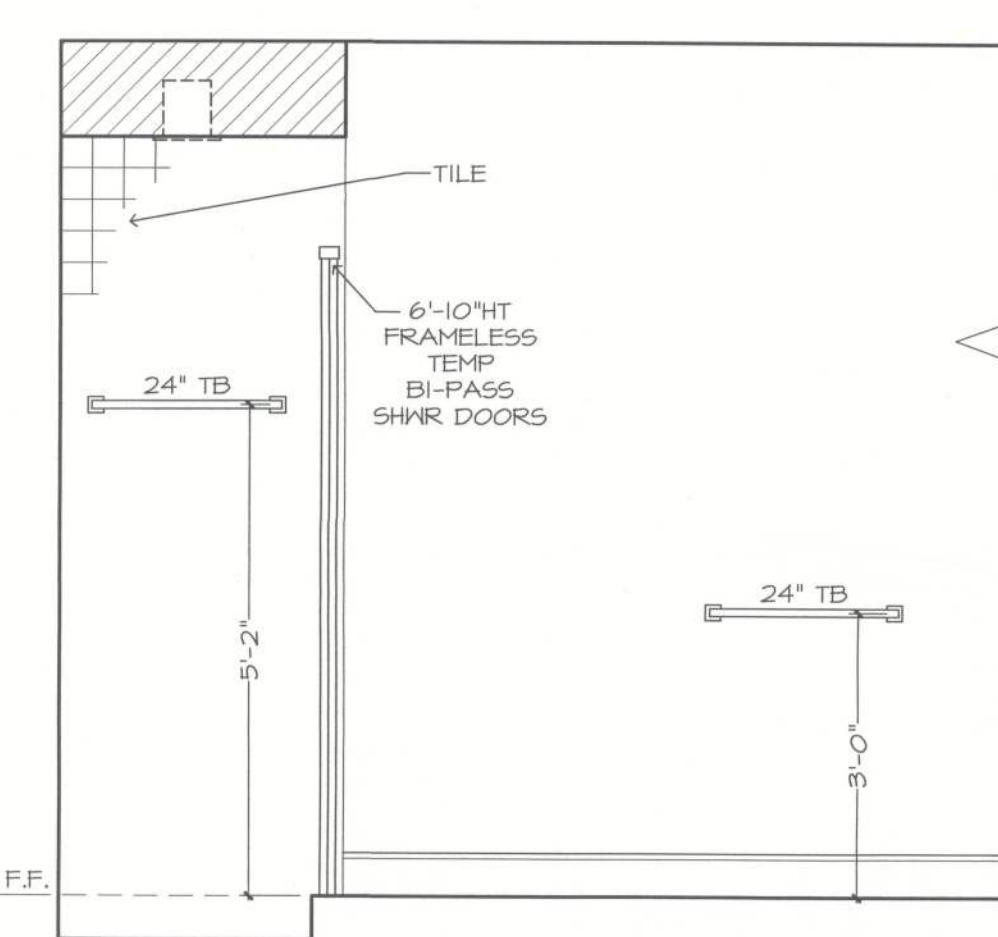
WALL "W"



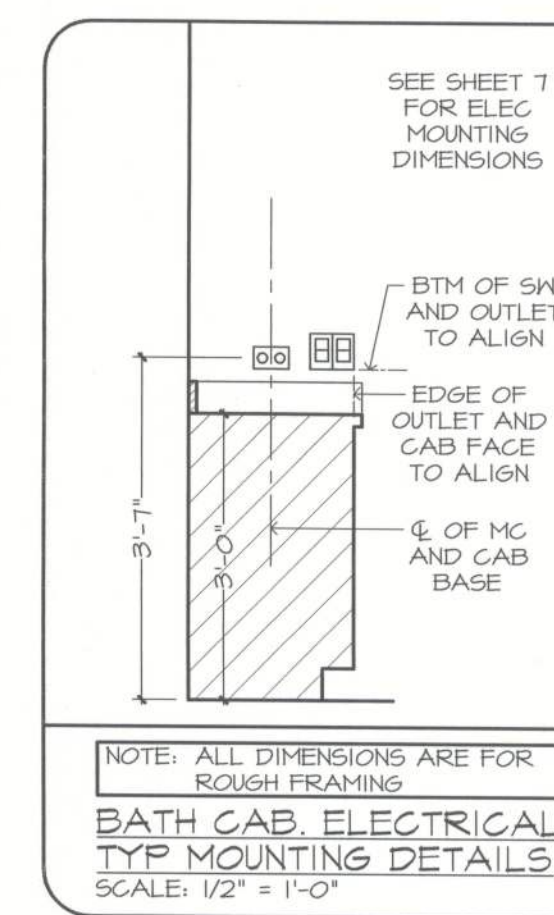
WALL "X"



WALL "X"
SHOWER WALL



WALL "Y"



GENERAL NOTES:

CABINET ELEVATIONS AND LIGHTING ARE GRAPHIC REPRESENTATIONS ONLY. REFERENCE SHOULD BE MADE TO THE ELECTRICAL SHEET, CABINET MFR DRAWINGS AND SPECS FOR FURTHER INFORMATION.

REFER TO CABINET SHOP DRAWINGS FOR CABINET & VANITY TOP DIMENSIONS.

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THE TOE KICK IS 4\".

PLUMBING, TILE, BASE MLDG, DOOR CASING, & DECORATIVE LIGHTING & DECORATIVE MIRRORS ARE ILLUSTRATED FOR LOCATION PURPOSES ONLY. PLEASE REFER TO COMMUNITY STANDARDS FOR SIZES & SPECS.

GENERAL NOTES:

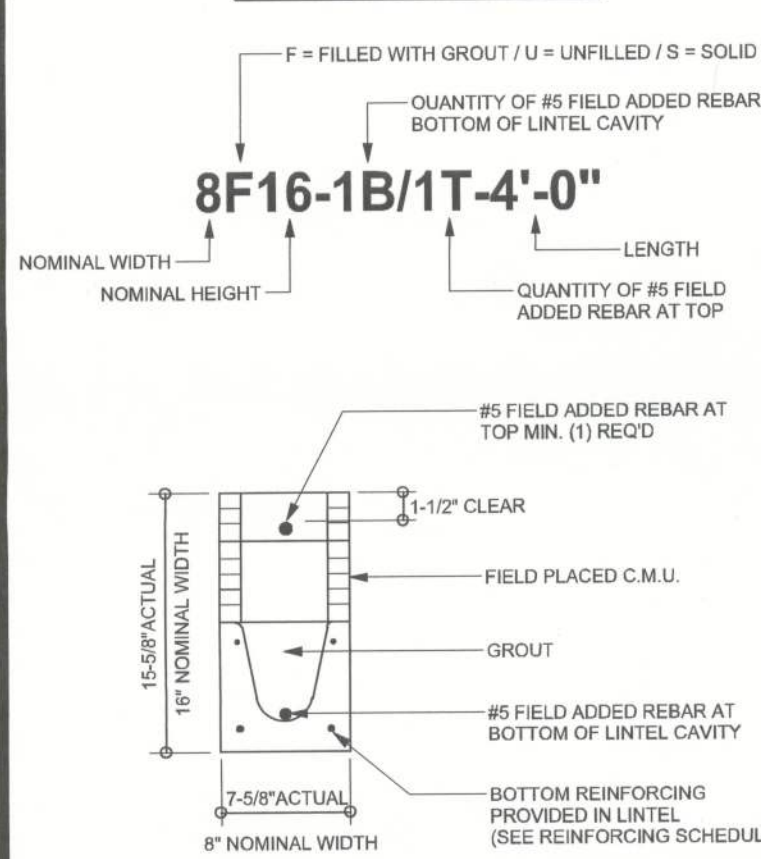
1. Fc 8" precast lintel = 3500 psi
2. Fc prestressed lintel = 6000 psi
3. GROUT per ASTM C476 Fc = 3000 psi w/ maximum 3/8 inch aggregate & 8 to 11 inch slump
4. Concrete Masonry Units (CMU) per ASTM C90 minimum net area compressive strength = 1900 psi
5. Rebar per ASTM A615 grade 60
6. Prestressing strand per ASTM A416 grade 270 low relaxation
7. Mortar per ASTM C270 type M or S

GENERAL NOTES

1. Provide full mortar bed and head joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural documents.
4. U-Intels are manufactured with 5 1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180 deflection.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.

9. Safe load rating based on rational design analysis per ACI 318 and ACI 530
10. Product Approvals: Miami-Dade County, Florida No. 03-0606.05
11. The exterior surface of lintels installed in exterior concrete masonry walls shall have a coating of stucco applied in accordance with ASTM C-296 or other approved coating.
12. Lintels loaded simultaneously with vertical (gravity or uplift) and horizontal (lateral) loads should be checked for the combined loading with the following equation:
 $\text{Applied vertical load} + \text{Applied horizontal load} \leq 1.0 \times \text{Safe vertical load}$
13. Additional lateral load capacity can be obtained by the designer by providing additional reinforced concrete masonry above the lintel. See detail at right:

TYPE DESIGNATION



SAFE LOAD TABLE NOTES

1. All values based on minimum 4 inch nominal bearing.
2. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 5 1/2 inches.
3. N.R. = Not Rated
4. Safe loads are superimposed allowable loads.
5. All safe loads based on grade 40 or grade 60 field rebar.
6. One #7 rebar may be substituted for two #5 rebars in 8" lintels only
7. The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at d/4 from face of support.

7. For composite lintel heights not shown, use safe load from next lower height shown.
8. For lintel lengths not shown, use safe load from next longest length shown
9. All safe loads in units of pounds per linear foot
10. All safe loads based on simply supported span.
11. The number in the parenthesis indicates the percent reduction for grade 40 field added rebar.
- Example 7'-6" lintel type 8F32-1B safe gravity load = 6472(40.046)/(15)H0.0781; w/ 15% reduction 6472 $\rightarrow$ (85) = 5501 plf

SAFE GRAVITY LOADS FOR 8" PRECAST & PRESTRESSED U-INTELS

LENGTH	TYPE	RUB	SAFE LOAD - POUNDS PER LINEAR FOOT							
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	8F32-1B
2'-10" (34")	PRECAST	2231	3069	4605	6113	7547	8974	10394	11809	13224
3'-6" (42")	PRECAST	2231	3069	4605	6113	7547	8974	10394	11809	13224
4'-0" (48")	PRECAST	1966	2693	4025	5357	6689	8021	9353	10685	12017
4'-6" (54")	PRECAST	1599	2189	3275	4361	5447	6533	7619	8705	9791
5'-4" (64")	PRECAST	1217	1663	2500	3337	4174	5011	5848	6685	7522
5'-10" (70")	PRECAST	1062	1451	2162	2873	3584	4295	5006	5717	6428
6'-6" (78")	PRECAST	908	1238	1847	2456	3065	3674	4283	4892	5501
7'-6" (90")	PRECAST	743	1011	1519	2027	2535	3043	3551	4059	4567
9'-4" (112")	PRECAST	554	752	1104	1456	1808	2160	2512	2864	3216
10'-6" (126")	PRECAST	475	643	955	1267	1579	1891	2203	2515	2827
11'-4" (136")	PRECAST	362	582	845	1108	1371	1634	1897	2160	2423
12'-4" (144")	PRECAST	337	540	813	1076	1339	1602	1865	2128	2391
13'-4" (160")	PRECAST	296	471	755	1039	1323	1607	1891	2175	2459
14'-0" (168")	PRECAST	279	442	706	1002	1278	1554	1830	2106	2382
14'-6" (174")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
15'-4" (184")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
17'-4" (208")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
19'-4" (232")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
21'-4" (256")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
22'-0" (264")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
24'-0" (288")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

SAFE UPLIFT LOADS FOR 8" PRECAST & PRESTRESSED U-INTELS

LENGTH	TYPE	RUB	SAFE LOAD - POUNDS PER LINEAR FOOT							
			8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F32-1T
2'-10" (34")	PRECAST	1972	3173	4460	5747	7034	8321	9608	10895	12182
3'-6" (42")	PRECAST	1972	3173	4460	5747	7034	8321	9608	10895	12182
4'-0" (48")	PRECAST	1669	2624	3547	4469	5391	6313	7235	8157	9079
4'-6" (54")	PRECAST	1363	2192	3078	3966	4853	5740	6627	7514	8401
5'-4" (64")	PRECAST	1207	1940	2724	3508	4292	5077	5861	6645	7429
5'-10" (70")	PRECAST	1016	1652	2290	2928	3566	4204	4842	5480	6118
6'-6" (78")	PRECAST	859	1492	2093	2694	3295	3897	4498	5099	5700
7'-6" (90")	PRECAST	727	1268	1834	2399	2964	3529	4094	4659	5224
9'-4" (112")	PRECAST	581	881	1326	1770	2214	2658	3102	3546	3990
10'-6" (126")	PRECAST	530	802	1248	1692	2136	2580	3024	3468	3912
11'-4" (136")	PRECAST	475	755	1154	1548	1942	2336	2730	3124	3518
12'-4" (144")	PRECAST	429	686	1065	1459	1853	2247	2641	3035	3429
13'-4" (160")	PRECAST	384	616	955	1349	1743	2137	2531	2925	3319
14'-0" (168")	PRECAST	349	570	881	1275	1669	2063	2457	2851	3245
14'-6" (174")	PRESTRESSED	246	399	655	911	1167	1423	1679	1935	2191
15'-4" (184")	PRESTRESSED	224	362	608	864	1120	1376	1632	1888	2144
17'-4" (208")	PRESTRESSED	187	295	504	710	916	1122	1328	1534	1740
19'-4" (232")	PRESTRESSED	162	222	347	481	615	749	883	1017	1151
21'-4" (256")	PRESTRESSED	142	198	308	422	536	650	764	878	992
22'-0" (264")	PRESTRESSED	137	192	295	378	461	544	627	710	793
24'-0" (288")	PRESTRESSED	124	175	267	341	415	489	563	637	711

SAFE GRAVITY LOADS FOR 8" PRECAST w/ 2" RECESS DOOR U-INTELS

LENGTH	TYPE	RUB	SAFE LOAD - POUNDS PER LINEAR FOOT							
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	8F32-1B
4'-4" (52")	PRECAST	1635	1749	3355	4280	5205	6130	7055	7980	8905
4'-6" (54")	PRECAST	1494	1618	3063	3988	4913	5838	6763	7688	8613
5'-8" (68")	PRECAST	866	920	1770	2287	2804	3321	3838	4355	4872
5'-10" (70")	PRECAST	810	859	1653	2170	2687	3204	3721	4238	4755
6'-8" (80")	PRECAST	797	846	1625	2142	2659	3176	3693	4210	4727
7'-6" (90")	PRECAST	669	718	1400	1817	2234	2651	3068	3485	3902
9'-8" (116")	PRECAST	411	459	999	1293	1587	1881	2175	2469	2763

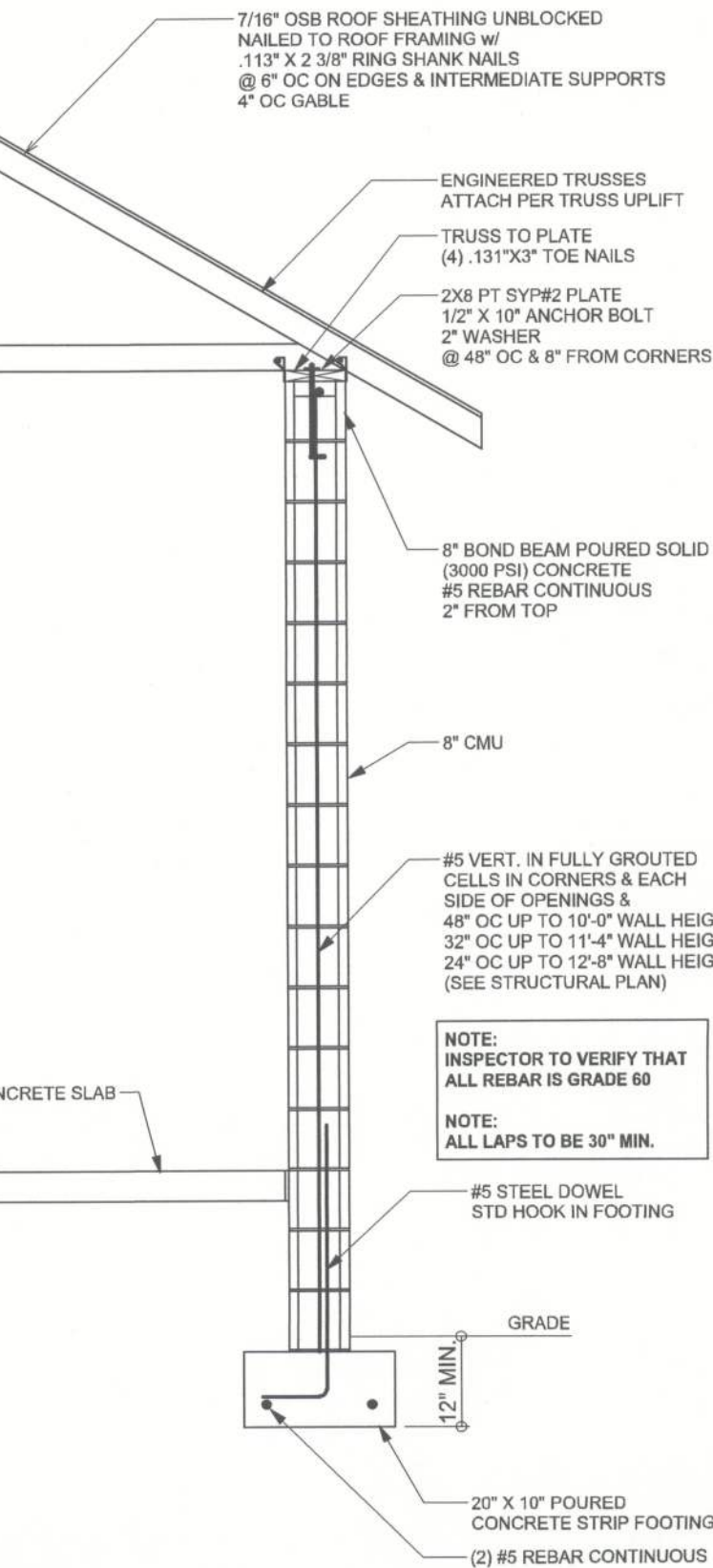
SAFE UPLIFT LOADS FOR 8" PRECAST w/ 2" RECESS DOOR U-INTELS

LENGTH	TYPE	RUB	SAFE LOAD - POUNDS PER LINEAR FOOT							
			8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F32-1T
4'-4" (52")	PRECAST	905	1749	2635	3522	4409	5296	6183	7070	7957
4'-6" (54")	PRECAST	805	1749	2635	3522	4409	5296	6183	7070	7957
5'-8" (68")	PRECAST	675	1301	1960	2618	3277	3935	4594	5253	5912
5'-10" (70")	PRECAST	655	1282	1900	2538	3176	3815	4453	5092	5730
6'-8" (80")	PRECAST	570	1097	1651	2204	2758	3312	3865	4419	4972
7'-6" (90")	PRECAST	506	967	1462	1962	2462	2962	3462	3962	4462
9'-8" (116")	PRECAST	385	451	931	1201	1471	1741	2011	2281	2551

EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS

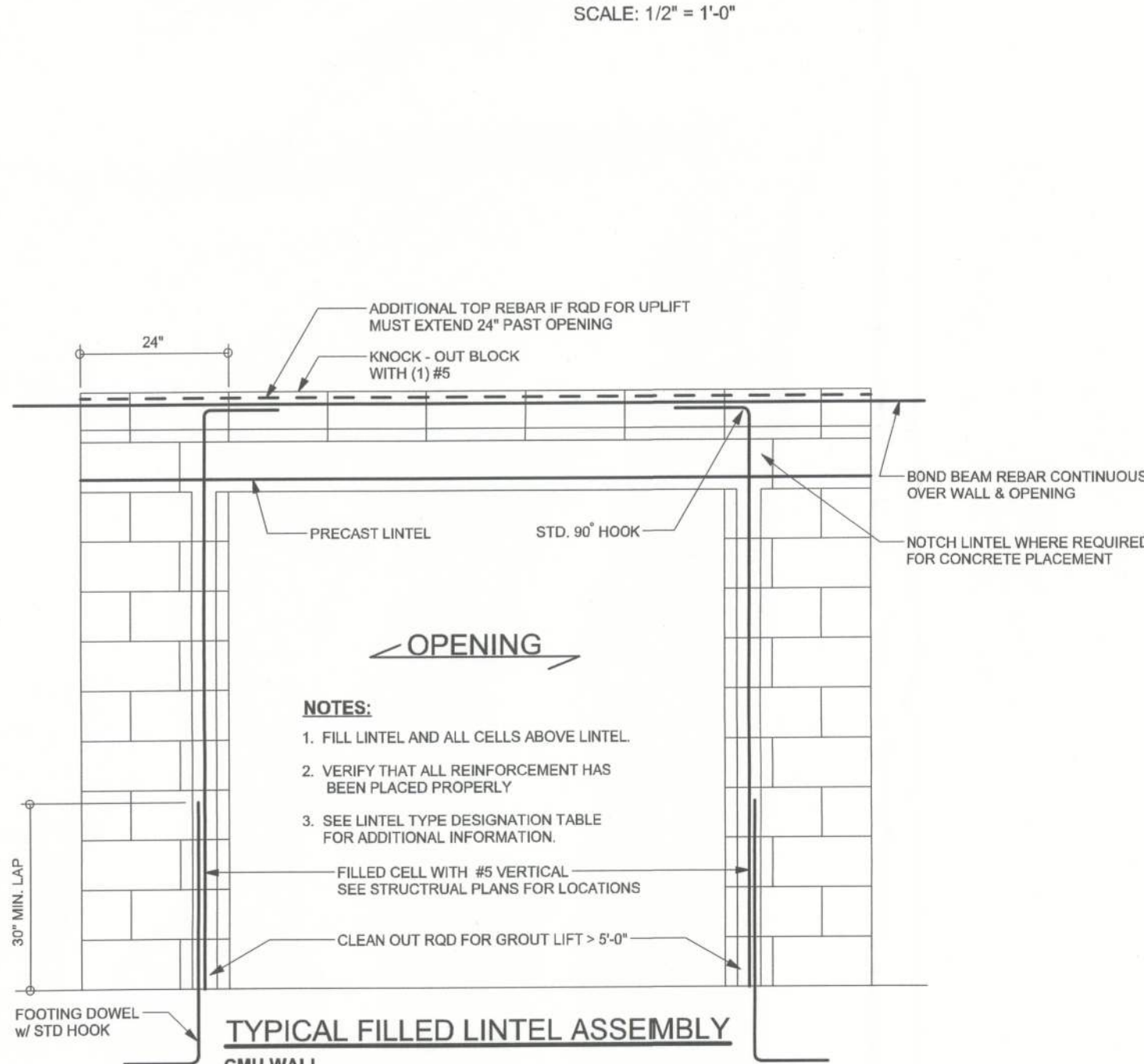
(1) 2x4 @ 16" OC	TO 10'-6" STUD HEIGHT
(1) 2x4 @ 12" OC	TO 11'-7" STUD HEIGHT
(1) 2x6 @ 16" OC	TO 16'-10" STUD HEIGHT
(1) 2x6 @ 12" OC	TO 18'-7" STUD HEIGHT

THIS STUD HEIGHT TABLE IS PER WFCM 2001, TABLE 3.2.0B, EXTERIOR LOAD BEARING & NON-LOAD BEARING STUD LENGTHS. RESISTING INTERIOR ZONE WINDLOADS 110 MPH EXPOSURE C. STUD SPACINGS SHALL BE MULTIPLIED BY 0.95 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. EXAMPLE 10' 0" O.C. x 0.95 = 9.5' 0" O.C.



EXTERIOR WALL

ONE STORY CMU



TYPICAL FILLED LINTEL ASSEMBLY

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

NOTES:

1. FILL LINTEL AND ALL CELLS ABOVE LINTEL
2. VERIFY THAT ALL REINFORCEMENT HAS BEEN PLACED PROPERLY
3. SEE LINTEL TYPE DESIGNATION TABLE FOR ADDITIONAL INFORMATION

FILLED CELL WITH #5 VERTICAL SEE STRUCTURAL PLANS FOR LOCATIONS

CLEAN OUT ROD FOR GROUT LIFT > 5'-0"

FOOTING DOWEL W/ STD HOOK

ADDITIONAL TOP REBAR IF ROD FOR UPLIFT MUST EXTEND 24" PAST OPENING

KNOCK-OUT BLOCK WITH (1) #5

PRECAST LINTEL

STD. 90° HOOK

BOND BEAM REBAR CONTINUOUS OVER WALL & OPENING

NOTCH LINTEL WHERE REQUIRED FOR CONCRETE PLACEMENT

OPENING

30" MIN. LAP

30" MIN. LAP

30" MIN. LAP

30" MIN. LAP

30" MIN. LAP

30" MIN. LAP

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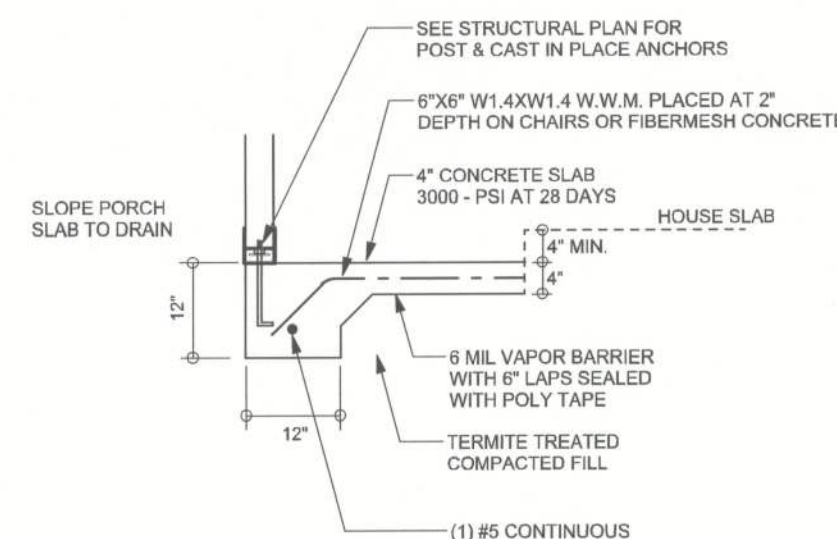
30" MIN. LAP

30" MIN. LAP

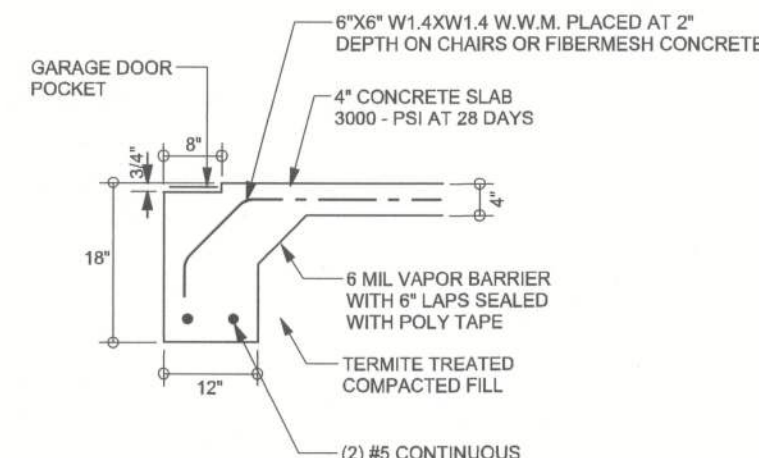
30" MIN. LAP

REVISIONS

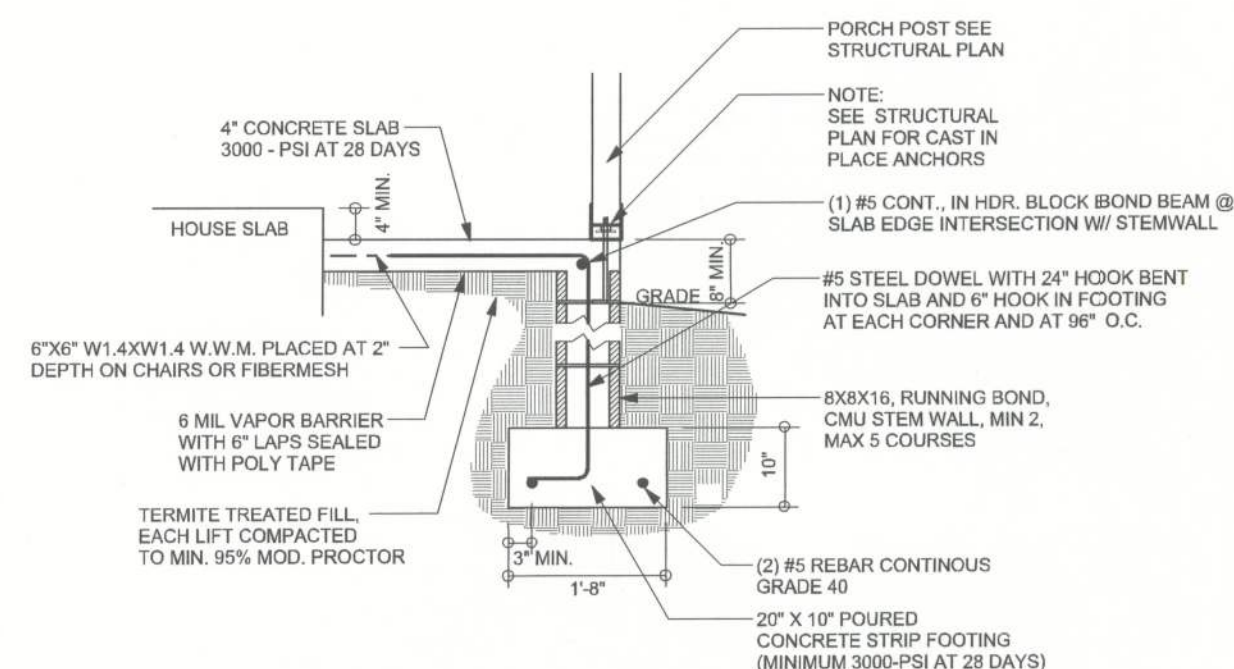
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



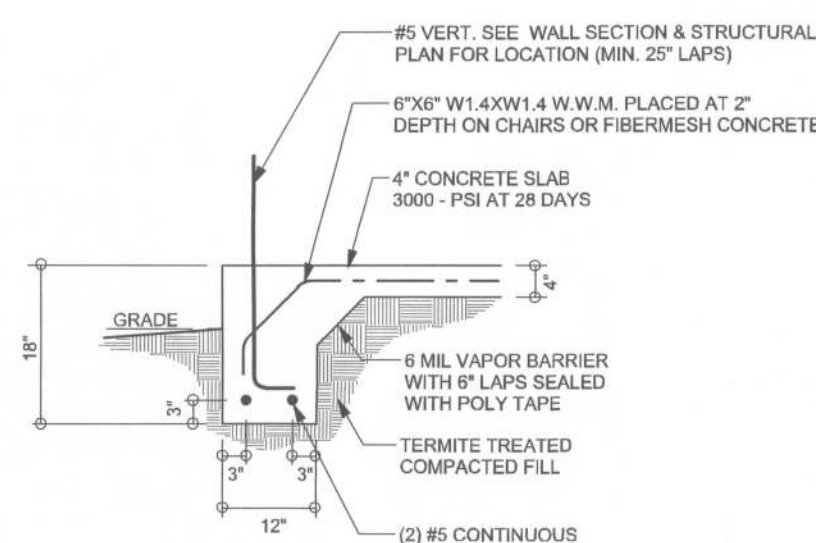
F5
S-2 PORCH FOOTING
SCALE: 1/2" = 1'-0"



F4
S-2 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"



F12
S-2 ALT. STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"

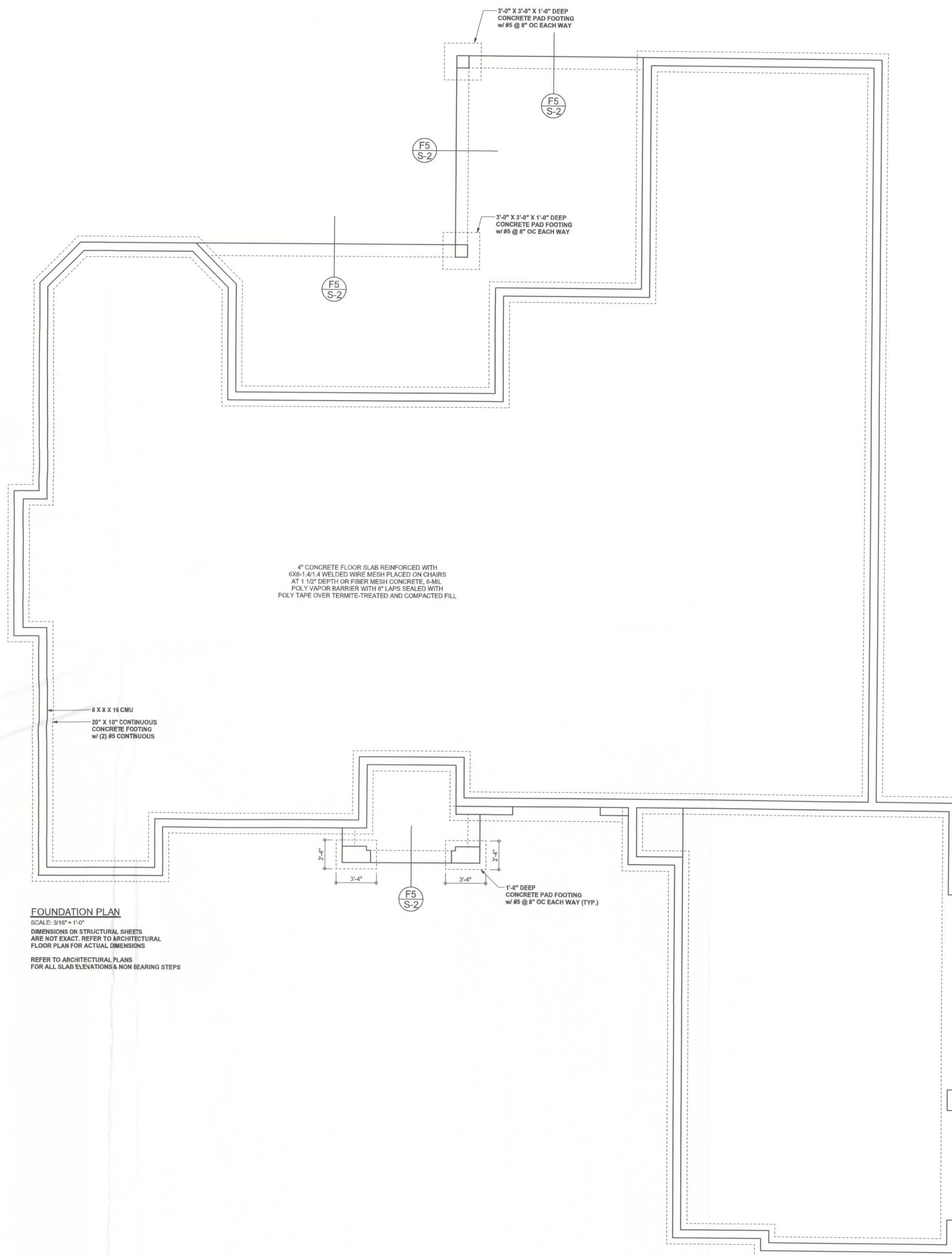


F16
S-2 ALT. MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"

TALL STEM WALL TABLE

The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall ladder reinforcement at 16"OC vertically or a horizontal bond beam with 1#5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48



FOUNDATION PLAN

SCALE: 3/16" = 1'-0"
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
REFER TO ARCHITECTURAL PLANS FOR ALL SLAB ELEVATIONS & NON BEARING STEPS

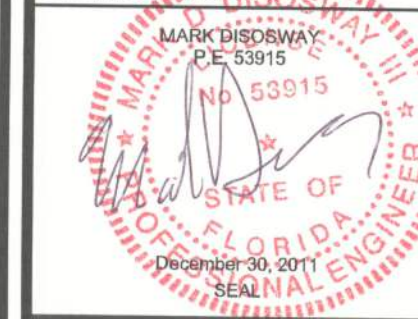
WINDLOAD ENGINEER
Mark Disoway, P.E.
No. 53915, P.O. Box 868, Lake City, FL 32056,
386-754-5419

DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section RS01.2.1, Florida building code residential 2007, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.



Bryan Zecher
Construction

Glenn Residence

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PRINTED DATE:
December 30, 2011

DRAWN BY: STRUCTURAL BY:
David Disoway

FINALS DATE:
30Dec11

JOB NUMBER:
1112063

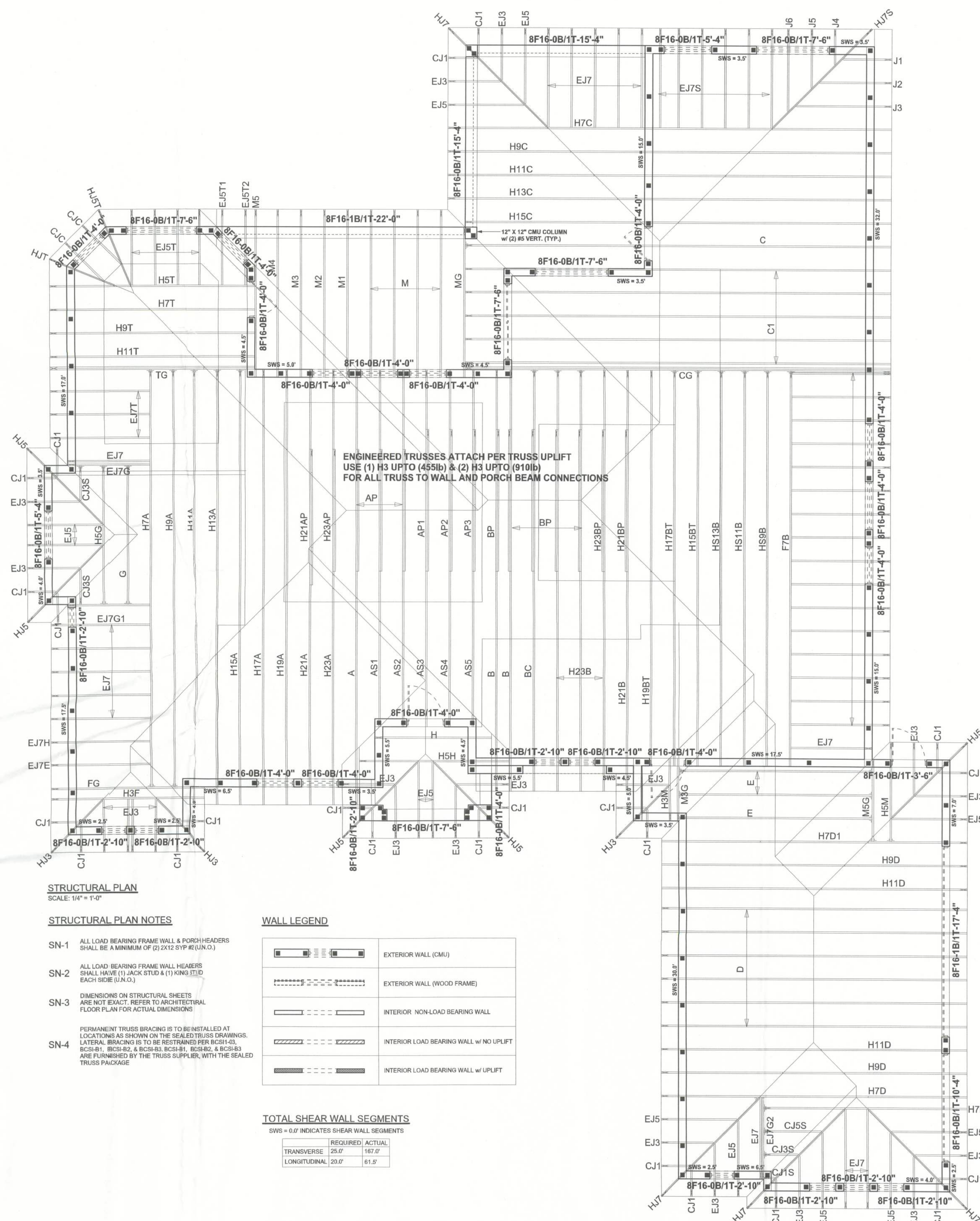
DRAWING NUMBER

S-2

OF 3 SHEETS

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



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

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS.
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC51-43, BC51-81, BC51-82, & BC51-83. BC51-81, BC51-82, & BC51-83 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

	EXTERIOR WALL (CMU)
	EXTERIOR WALL (WOOD FRAME)
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

TOTAL SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	20.7	167.2
LONGITUDINAL	20.7	61.5

CONNECTIONS, WALL & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, ANDERSON TRUSS JOB #11-232

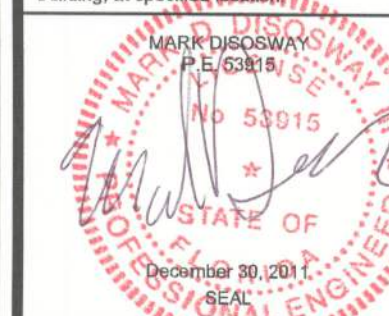
WINDLOAD ENGINEER:
Mark Disoway, P.E.
No. 53915, PCB 866, Lake City, FL 32056,
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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section R301.2.1, Florida building code residential 2007, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.



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S-3

OF 3 SHEETS