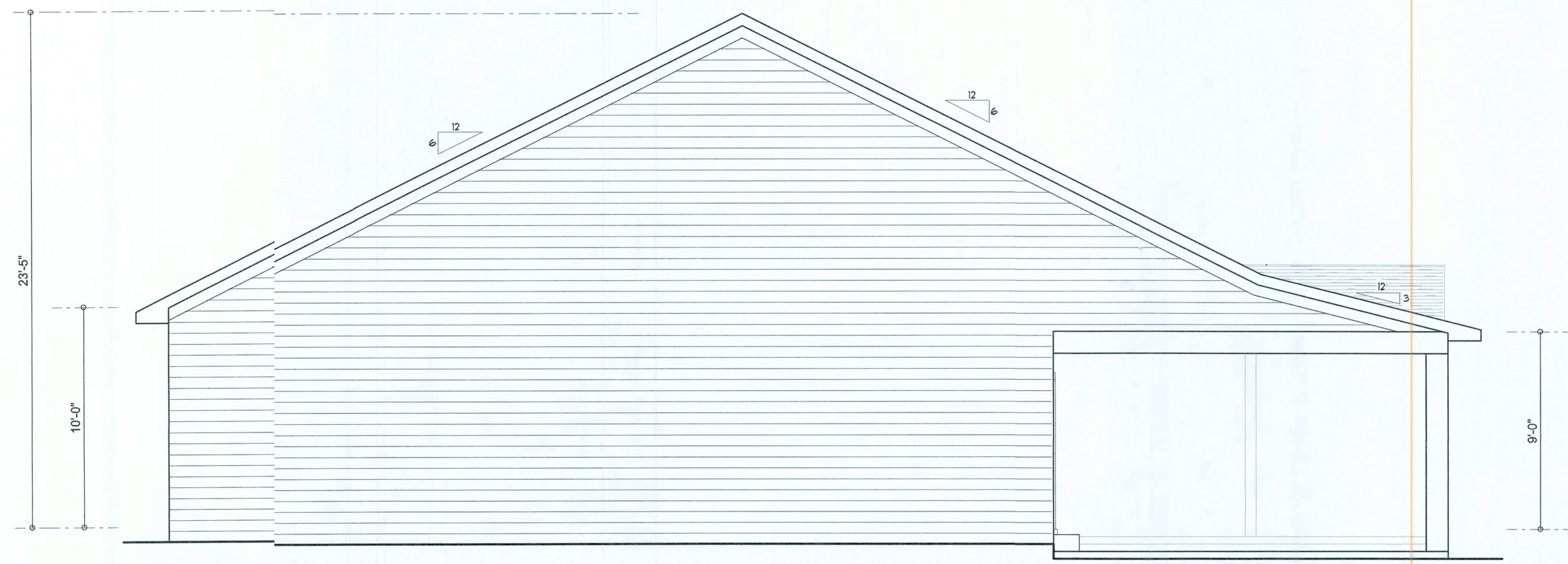


**WALL SECTION**  
SCALE: 1" = 1'-0"

**TRUSS UPLIFT CONNECTOR SCHEDULE**  
SEE TRUSS MFR'S DRAWINGS FOR UPLIFT CONNECTOR SELECTIONS



**REAR ELEVATION**  
SCALE: 1/4" = 1'-0"



**FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
November 30, 2017

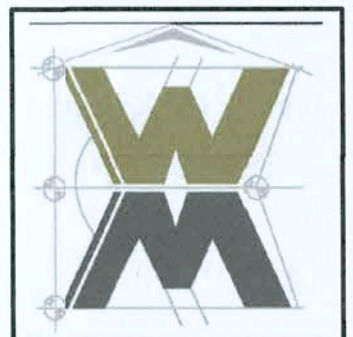


**FRONT & REAR ELEVATIONS**  
SCALE: 1/4" = 1'-0"

**TYPICAL WALL SECTION**  
SCALE: 1" = 1'-0"

A GARAGE / SHOP BUILDING FOR:  
**MIKE FLOWERS**  
PROJECT ADDRESS: 207 SE CONDOR GLEN, COLUMBIA COUNTY, FLORIDA 32643

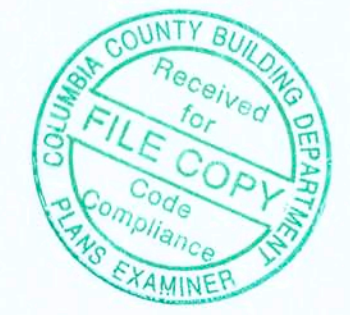
© VM DESIGN & ASSOCIATES, INC.  
426 SW COMMERCE DR. STE 130  
LAKE CITY, FL 32025  
(386) 758-8406  
will@willmyers.net



JOB NUMBER  
20170715

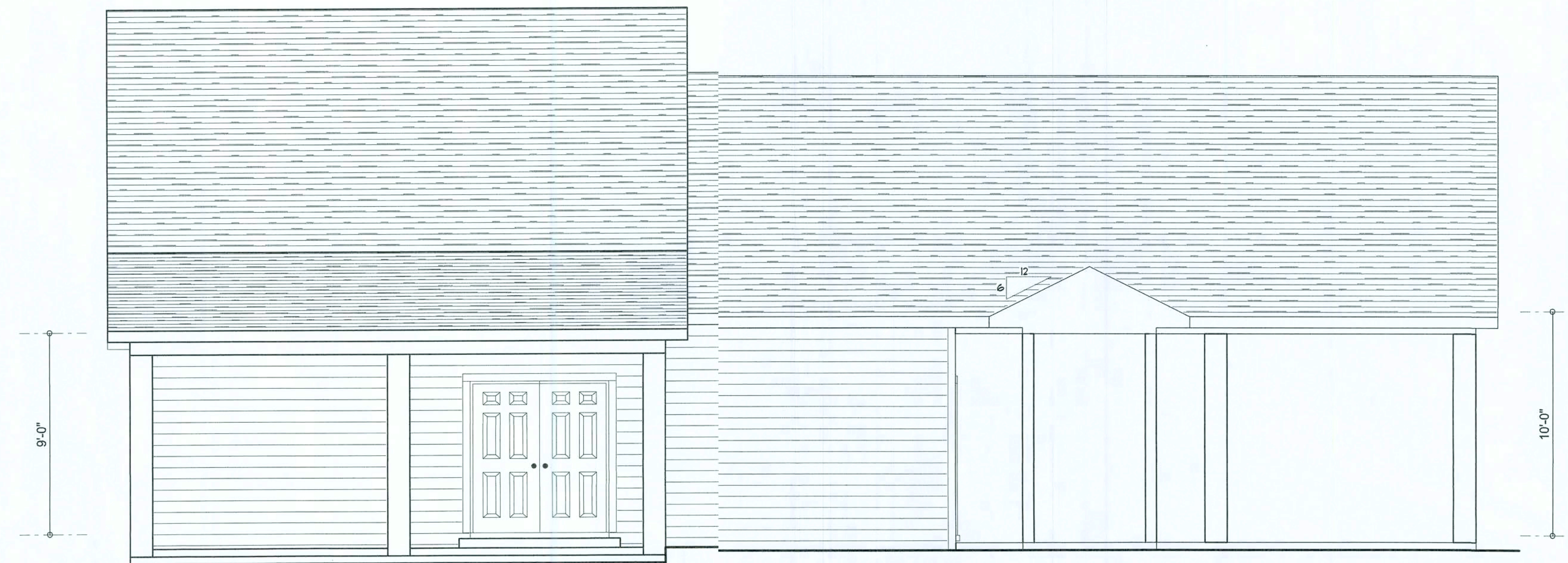
SHEET NUMBER

**A.1**

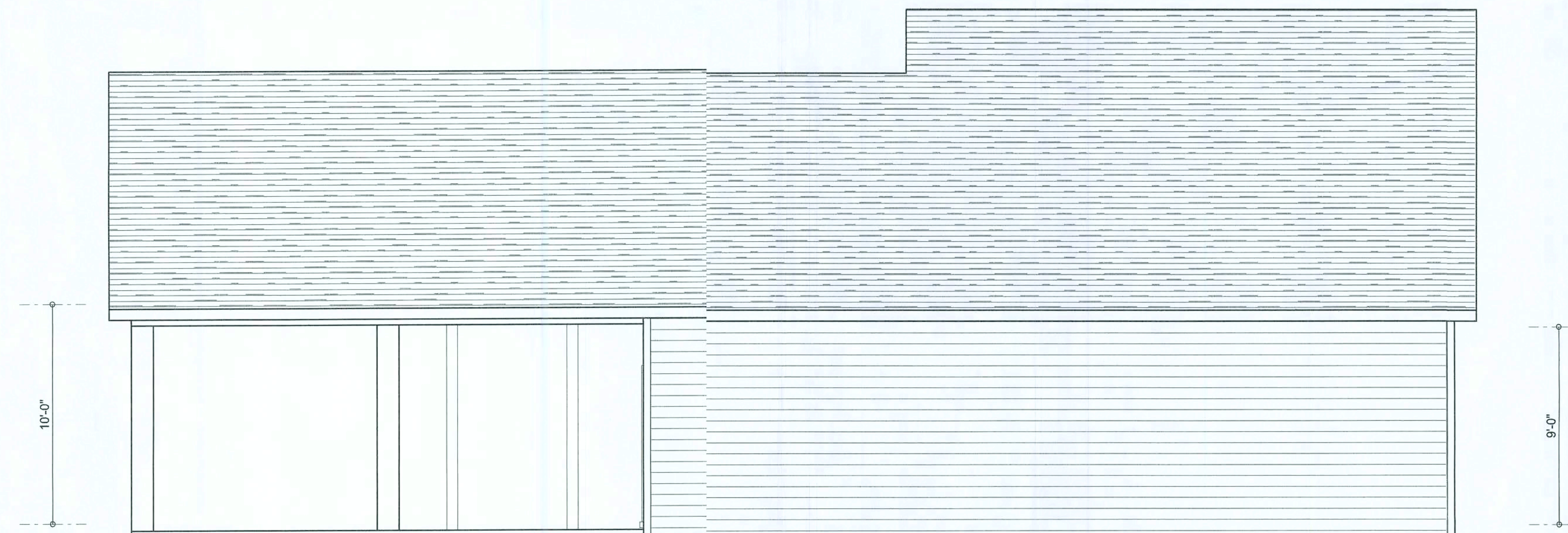


*Will C. Myers*





**LEFT ELEVATION**  
SCALE: 1/4" = 1'-0"



**RIGHT ELEVATION**  
SCALE: 1/4" = 1'-0"

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

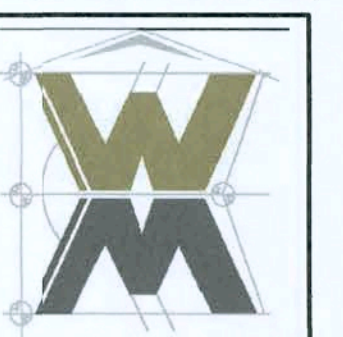
REVISIONS	DATE	BY	APP

**SOFTPLAN**  
ARCHITECTURAL DESIGN SOFTWARE

**LEFT & RIGHT ELEVATIONS**  
SCALE: 1/4" = 1'-0"

A GARAGE / SHOP BUILDING FOR:  
**MIKE FLOWERS**  
PROJECT ADDRESS:

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426 SV COMMERCE DR., STE 130  
LAKE CITY, FL 32025  
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vm@villmyers.net



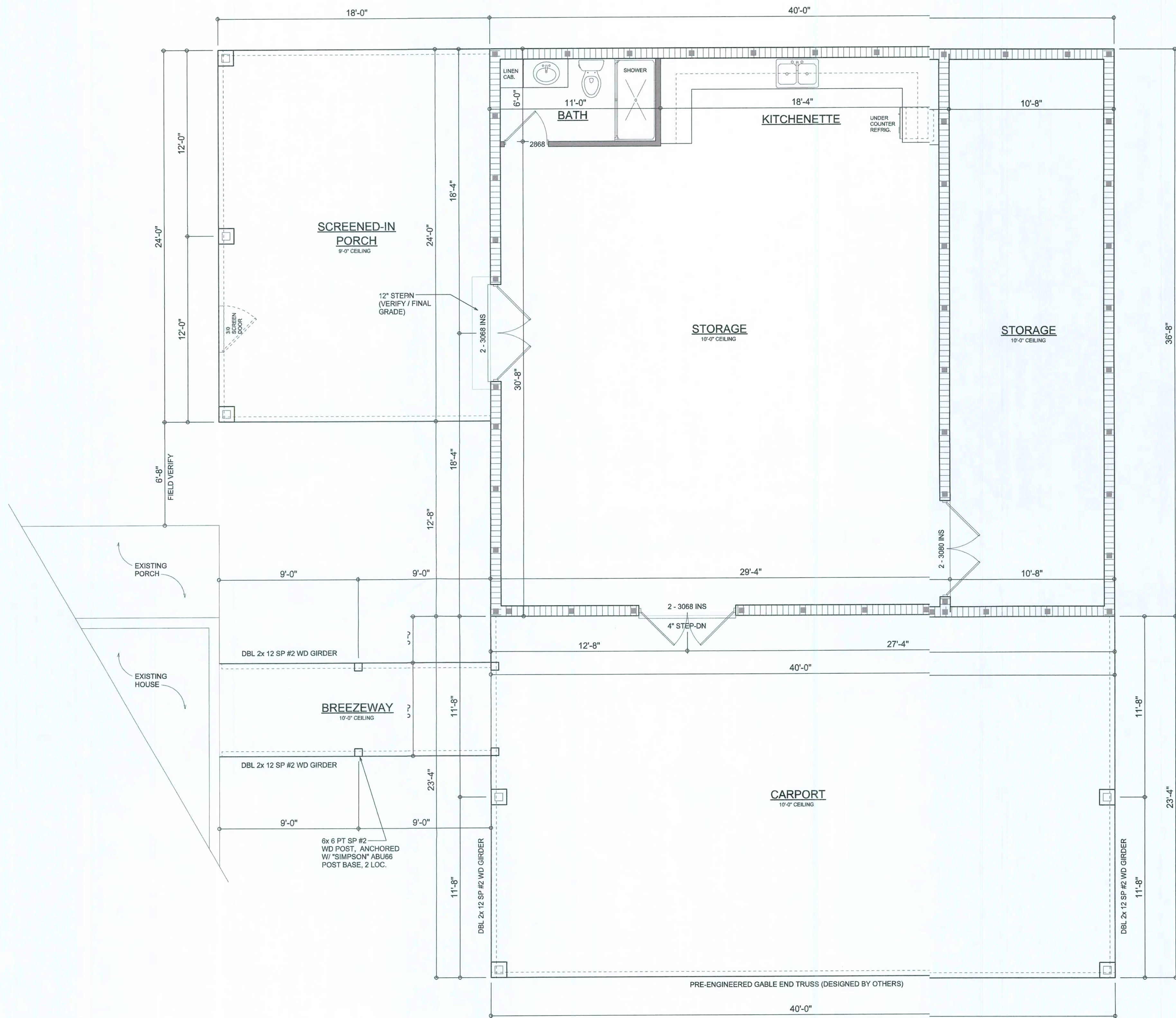
JOB NUMBER  
20170715

SHEET NUMBER

**A.2**

*Wm C. Myers*





FLOOR PLAN

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

NOTE: ALL WALLS SHALL BE 10'-0" UNLESS OTHERWISE NOTED.

AREA SUMMARY

STORAGE AREA	1,467	S.F.
CARPOR AREA	933	S.F.
SCREENED-IN PORCH AREA	432	S.F.
BREEZEWAY AREA	108	S.F.
TOTAL AREA	2,940	S.F.

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFCI & TAMPER RESISTANT)
	220v OUTLET
	GFI DUPLEX OUTLET (PER NEC 406.6)
	TELEVISION JACK
	TELEPHONE JACK
	SMOKE / CARBON MONOXIDE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

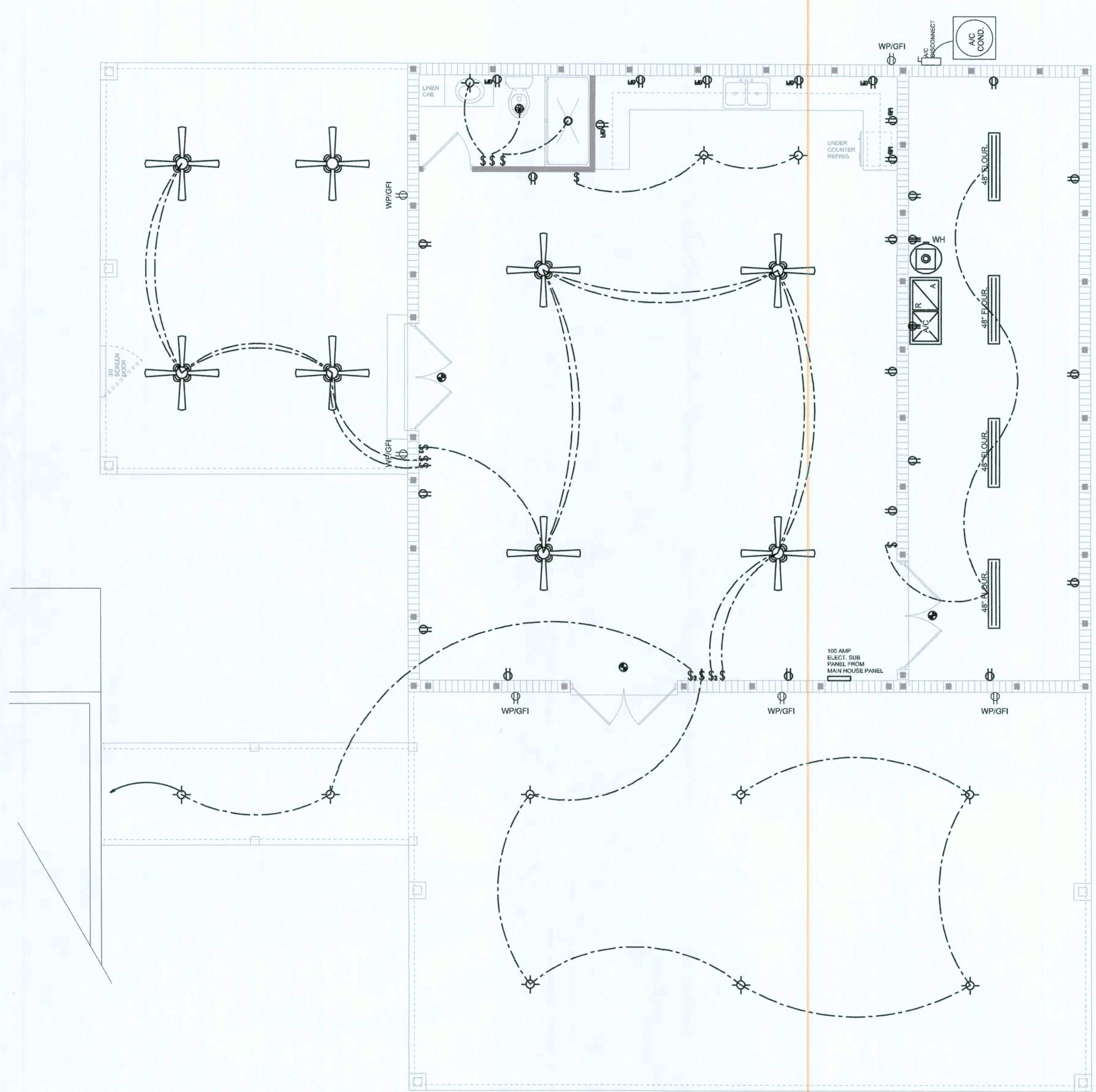
NOTE: ALL INTERIOR RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER NEC 406.11

ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR AND SHALL HAVE BATTERY BACKUP POWER AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS. CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE NFPA70 2011 NATIONAL ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.

NOTE: A FLORIDA LICENSED ELECTRICAL CONTRACTOR SHALL DETERMINE IF THE EXISTING ELECTRICAL PANEL HAS THE CAPACITY FOR THE ADDITION'S ADDED CIRCUITS OR IF A ELECTRICAL SUB PANEL SHALL BE INSTALLED.



ELECTRICAL PLAN

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

REVISIONS

November 30, 2017

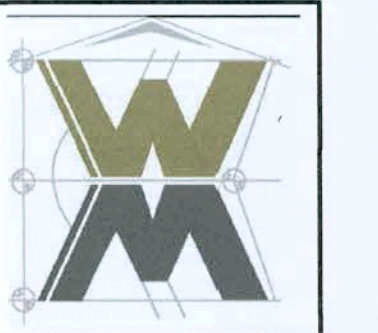
SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

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

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

A GARAGE / SHOP BUILDING FOR:  
**MIKE FLOWERS**  
PROJECT ADDRESS: 207 SE CONDOR GLEN, COLUMBIA COUNTY, FLORIDA 32643

WM DESIGN & ASSOCIATES, INC.  
405 SW COMMERCE DR. STE 130  
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wm@willmymers.net



JOB NUMBER  
20170715

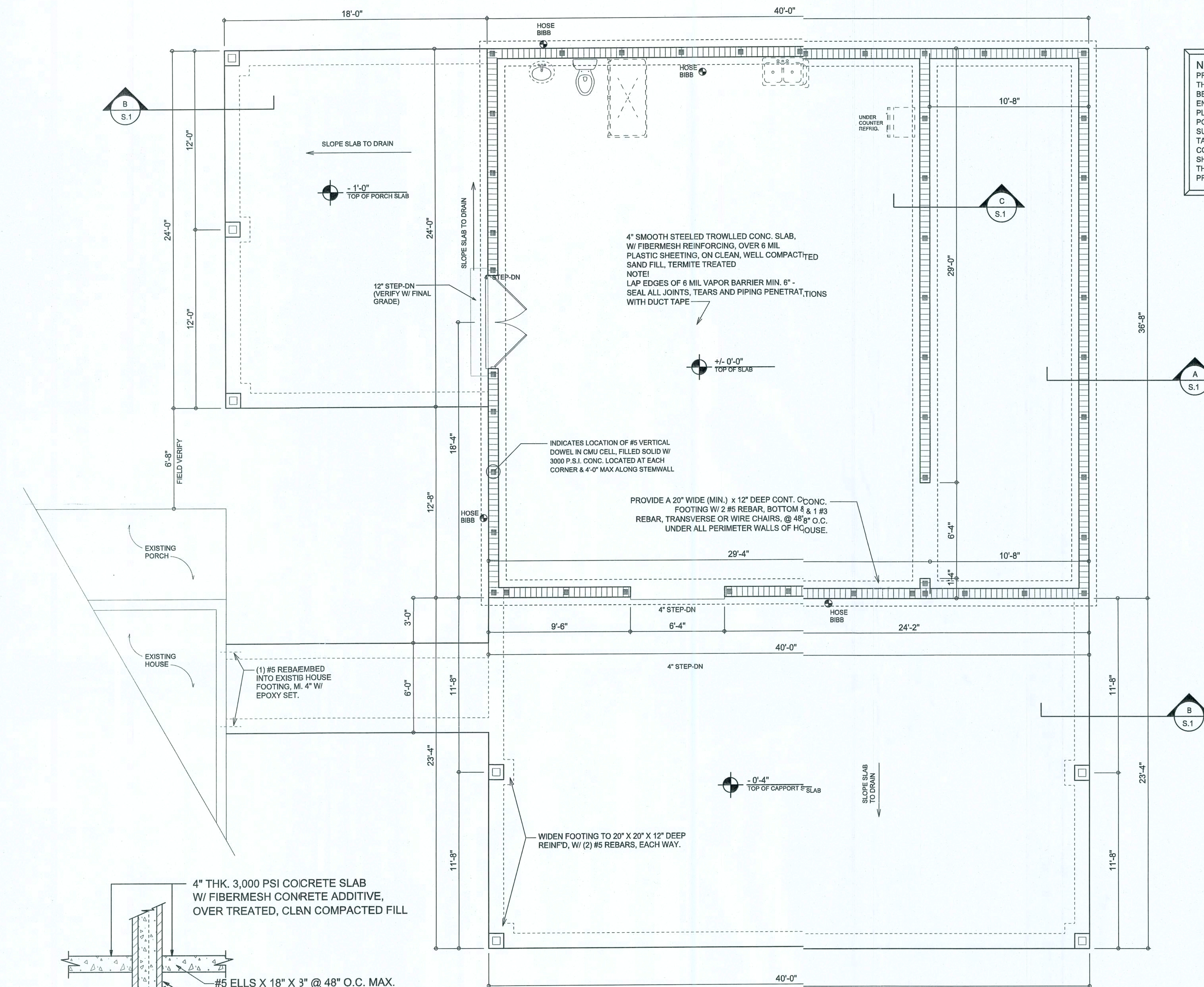
SHEET NUMBER

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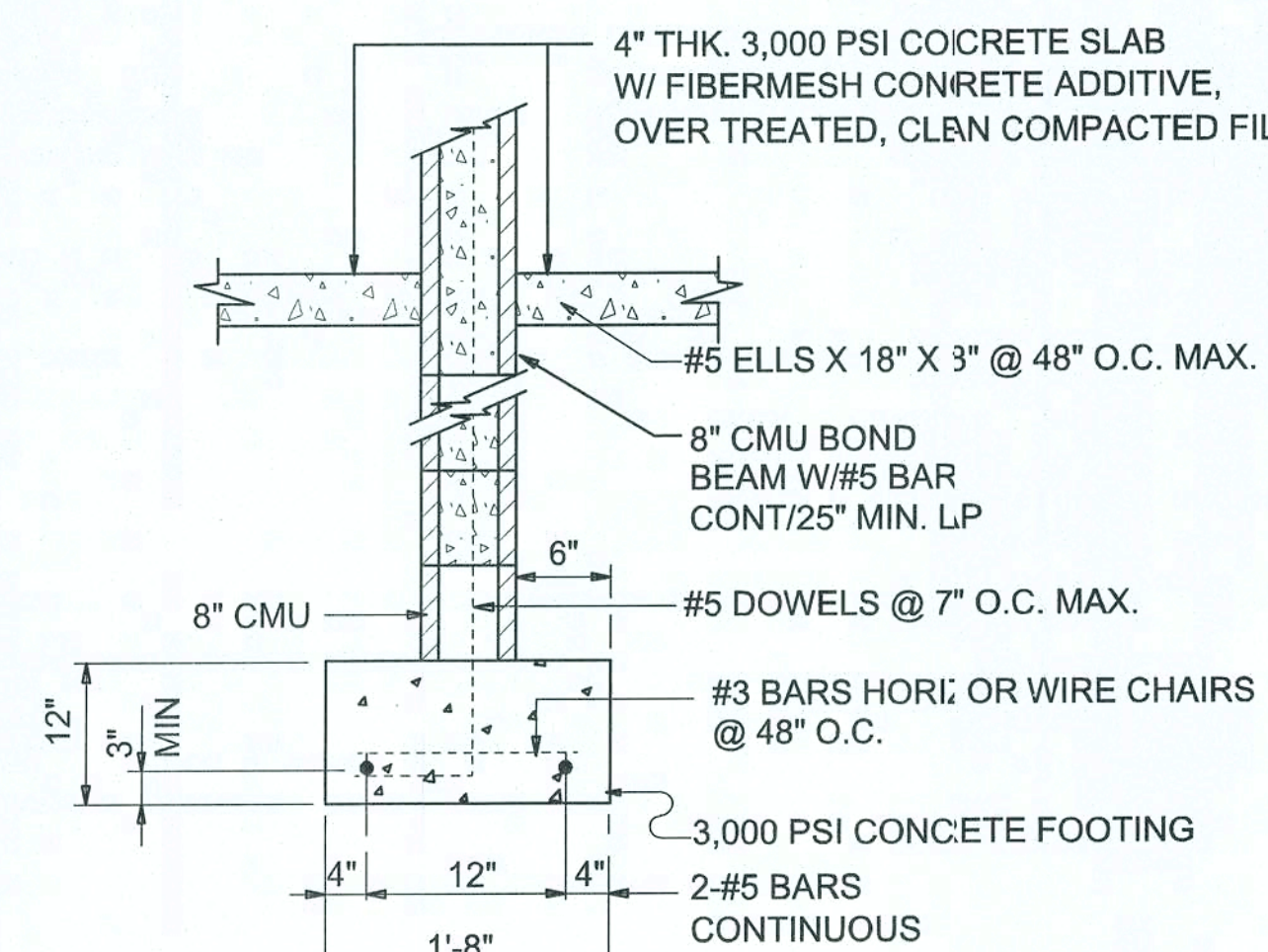
NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

WMC-777





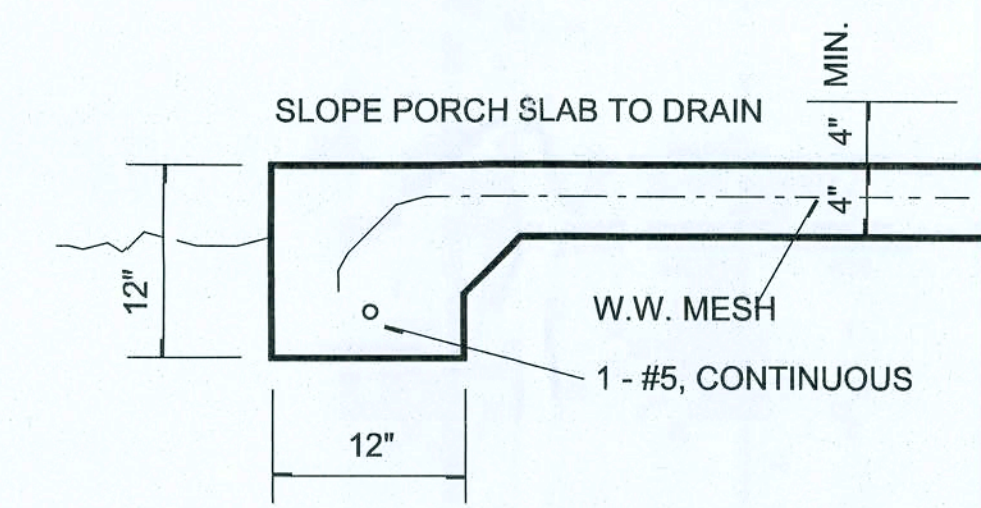
**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



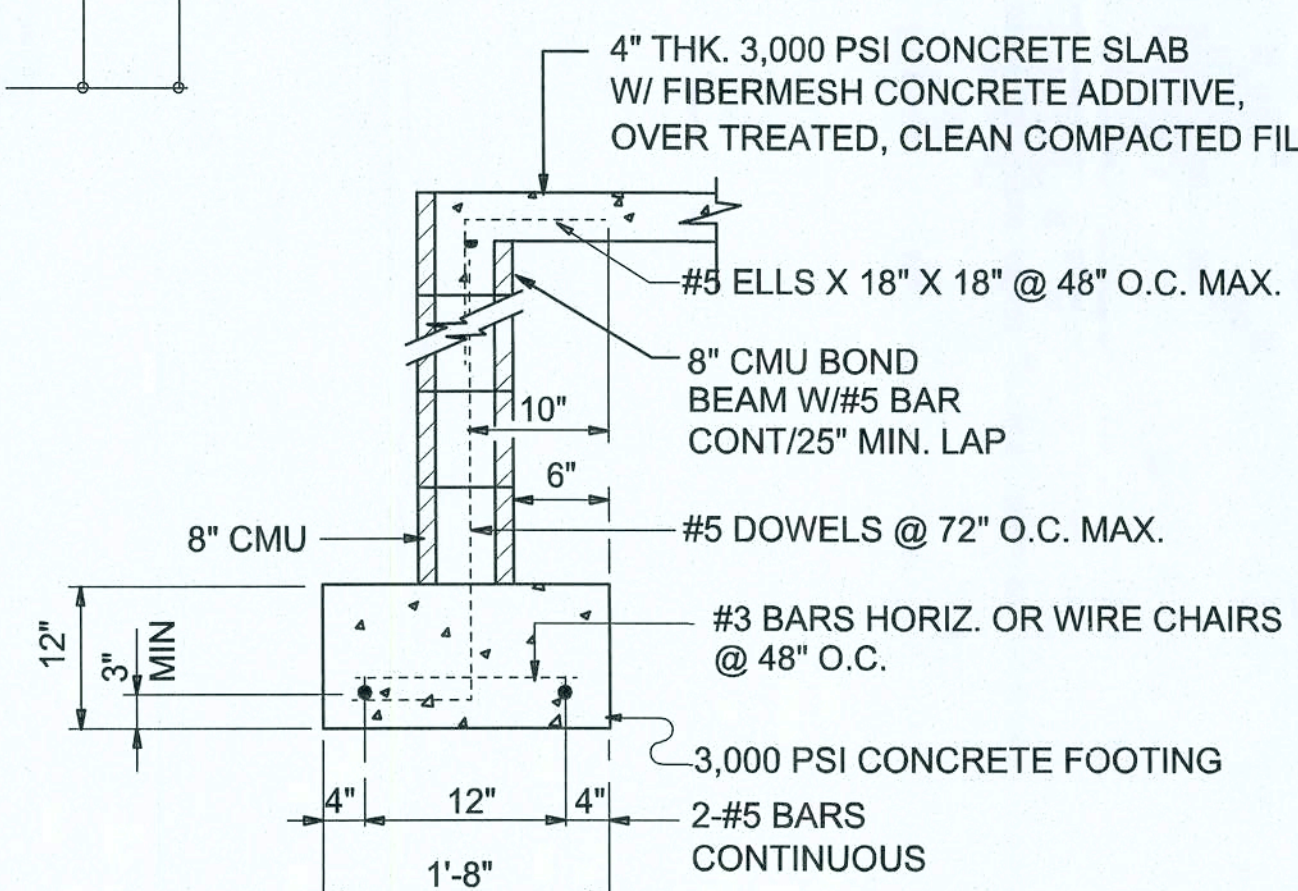
**SECTION C**  
SCALE: 3/4" = 1'-0"

**INTERIOR BEARING WALLS:**  
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND ALL INTERIOR BEARING WALL LOCATIONS AND FURNISH THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO SO THICKENED FOOTINGS CAN BE SIZED AND LOCATED ON THE FOUNDATION PLAN.

**NOTE!**  
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN TAKING THESE LOADS INTO CONSIDERATION. THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.



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



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

## CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F<sub>c</sub> = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F<sub>c</sub> = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F<sub>m</sub> = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2X4 P/T WOOD SILL, CONT. ALL AROUND, W/ 5/8" A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 6" FROM EACH CORNER, EA. WAY, & WITHIN 6" FROM ALL WALL OPENINGS / ENDS - 1/2" A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

REVISIONS	DATE	BY	APP
1	November 30, 2017		
2	February 15, 2018		

**FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"

A GARAGE / SHOP BUILDING FOR:  
**MIKE FLOWERS**  
PROJECT ADDRESS: 207 SE CONDOR GLEN, COLUMBIA COUNTY, FLORIDA 32643

ARCO01005  
23 Feb 2018

**NICHOLAS GEISLER ARCHITECT**  
1788 NW Brown Rd.  
Lake City, FL 32055  
(850) 305-5555

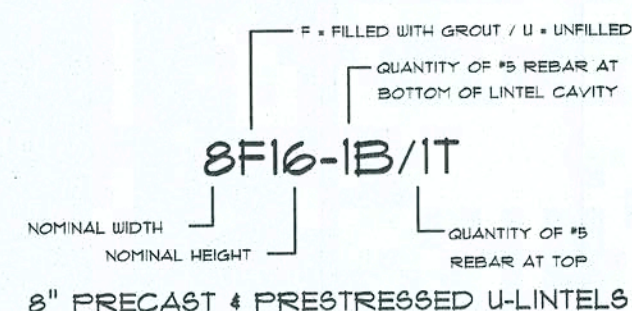
JOB NUMBER  
20170715

SHEET NUMBER  
**S.1**  
OF 4 SHEETS

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS



## TYPE DESIGNATION



DETAIL A/3  
PRE-CAST LINTEL OVER GARAGE DOOR  
PRE-CAST LINTELS & LAMINAR COLUMNS

CAST-IN-PLACE			GRAVITY												
MARK	LENGTH	TYPE	8F8	8F8-CB	8F10-CB	8F12-CB	8F14-CB	8F16-CB	8F18-CB	8F20-CB	8F22-CB	8F24-CB	8F26-CB	8F28-CB	8F30-CB
				8F8-1B	8F10-1B	8F12-1B	8F14-1B	8F16-1B	8F18-1B	8F20-1B	8F22-1B	8F24-1B	8F26-1B	8F28-1B	8F30-1B
L1	2'-0" (34")	PRECAST	3366	4473	6039	7526	9004	10472	11936	13396	14856	16316	17776	19236	20696
L2	3'-6" (42")	PRECAST	3366	4473	6039	7526	9004	10472	11936	13396	14856	16316	17776	19236	20696
L3	4'-0" (48")	PRECAST	2228	2436	3461	4438	5440	6384	7356	8328	9300	10272	11244	12216	13188
L4	4'-6" (54")	PRECAST	1651	1787	2329	2936	3504	4032	4560	5088	5616	6144	6672	7200	7728
			1023	1201	1829	2311	2826	3336	3846	4356	4866	5376	5886	6396	6906
L5	5'-4" (64")	PRECAST	184	1665	2885	5091	6036	6440	6824	7188	7548	7908	8268	8628	8988
L6	5'-10" (70")	PRECAST	972	1000	1059	1474	1889	2304	2701	3101	3501	3901	4301	4701	5101
L7	6'-6" (78")	PRECAST	931	1255	201	3376	3260	734	8995	6836					
L8	7'-6" (90")	PRECAST	767	1029	1675	2385	3094	3804	4514	5224	5934	6644	7354	8064	8774
L9	8'-4" (102")	PRECAST	913	632	1049	1465	1881	2297	2713	3129	3545	3961	4377	4793	5209
L10	10'-6" (126")	PRECAST	456	587	802	1017	1232	1447	1662	1877	2092	2307	2522	2737	2952
			468	558	671	784	897	1010	1123	1236	1349	1462	1575	1688	1801
L11	11'-4" (136")	PRECAST	445	558	655	764	874	984	1094	1204	1314	1424	1534	1644	1754
L12	12'-0" (144")	PRECAST	414	558	664	774	884	994	1104	1214	1324	1434	1544	1654	1764
			421	566	678	791	904	1017	1130	1243	1356	1469	1582	1695	1808
L13	13'-4" (160")	PRECAST	362	485	586	687	788	889	990	1091	1192	1293	1394	1495	1596
L14	14'-0" (168")	PRECAST	338	485	586	687	788	889	990	1091	1192	1293	1394	1495	1596
L15	14'-8" (176")	PRESTRESSED	N.R.	485	560	1009	1338	1714	2091	2468	2844	3221	3597	3974	4350
			465	565	710	1249	1610	1980	2350	2720	3090	3460	3830	4200	4570
L16	15'-4" (184")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			410	685	1000	1855	2370	2930	3490	4050	4610	5170	5730	6290	6850
L17	17'-4" (208")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			310	810	880	1400	1800	2200	2600	3000	3400	3800	4200	4600	5000
L18	18'-4" (232")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			240	420	760	1280	1400	1700	2000	2300	2600	2900	3200	3500	3800
L19	21'-4" (256")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			183	330	610	840	1040	1240	1440	1640	1840	2040	2240	2440	2640
L20	22'-0" (264")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			160	260	370	470	570	670	770	870	970	1070	1170	1270	1370
L21	24'-0" (288")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			130	240	410	700	1030	1350	1670	1990	2310	2630	2950	3270	3590

## 8" PRECAST W/ 2" RECESS DOOR LINTELS

CAST-IN-PLACE			GRAVITY																							
MARK	LENGTH	TYPE	8F8-1B	8F8-CB	8F10-1B	8F10-CB	8F12-1B	8F12-CB	8F14-1B	8F14-CB	8F16-1B	8F16-CB	8F18-1B	8F18-CB	8F20-1B	8F20-CB	8F22-1B	8F22-CB	8F24-1B	8F24-CB	8F26-1B	8F26-CB	8F28-1B	8F28-CB	8F30-1B	8F30-CB
L22	4'-4" (52")	PRECAST	1465	1871	2482	2892	3503	3913	4524	4934	5545	5955	6566	6976	7587	7997	8608	9018	9629	10039	10650	11060	11671	12081	12692	13303
L23	4'-6" (54")	PRECAST	1051	1459	1867	2274	2682	3089	3497	3904	4312	4719	5127	5534	5942	6350	6757	7165	7572	7980	8387	8795	9202	9610	10017	10425
L24	5'-8" (68")	PRECAST	785	1032	1279	1526	1773	2020	2267	2514	2761	3008	3255	3502	3749	4000	4246	4493	4740	4987	5234	5481	5728	5975	6222	6469
L25	5'-10" (70")	PRECAST	735	1032	1279	1526	1773	2020	2267	2514	2761	3008	3255	3502	3749	4000	4246	4493	4740	4987	5234	5481	5728	5975	6222	6469
L26	6'-8" (80")	PRECAST	822	1071	1320	1569	1818	2067	2316	2565	2814	3063	3312	3561	3810	4059	4308	4557	4806	5055	5304	5553	5802	6051	6300	6549
L27	T-6" (80")	PRECAST	665	914	1163	1412	1661	1910	2159	2408	2657	2906	3155	3404	3653	3902	4151	4400	4649	4898	5147	5396	5645	5894	6143	6392
L28	9'-8" (116")	PRECAST	371	620	869	1118	1367	1616	1865	2114	2363	2612	2861	3110	3359	3608	3857	4106	4355	4604	4853	5102	5351	5600	5849	6098

## CMU WINDOW SCHEDULE

TYPE	WINDOW LINTEL	ROUGH OPENING	REMARKS
1/2 SH 5H	42"	28" X 63"	
SH 23	54"	31 3/4" X 39"	
SH 25	54"	31 3/4" X 63"	EGRESS WINDOW
(2) SH 25	90"	74 1/8" X 63"	EGRESS WINDOW
SH 22	54"	31 3/4" X 28 3/8"	
345 SH	64"	54 3/4" X 51"	
SH 35	70"	53 1/8" X 63"	EGRESS WINDOW
4840 GB	72"	56 3/4" X 48"	

ALL WINDOWS MANUFACTURED BY: TBD  
SEE ATTACHED ENGINEERING

## CMU DOOR SCHEDULE

TYPE	DOOR LINTEL	REMARKS
(2) 3068	90"	PRE-CAST REC.
3068 INS	54"	PRE-CAST REC.
3068 FRENCH	54"	PRE-CAST REC.
2868 GR. EXT. DR.	50"	PRE-CAST REC.
5068 SGD	78"	PRE-CAST REC.
(2) 3068 FRENCH	90"	PRE-CAST REC.
16x T O.H. GD.	208"	PRE-CAST REC.

ALL DOORS MANUFACTURED BY: TBD  
SEE ATTACHED ENGINEERING

## GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST ED., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETAILS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

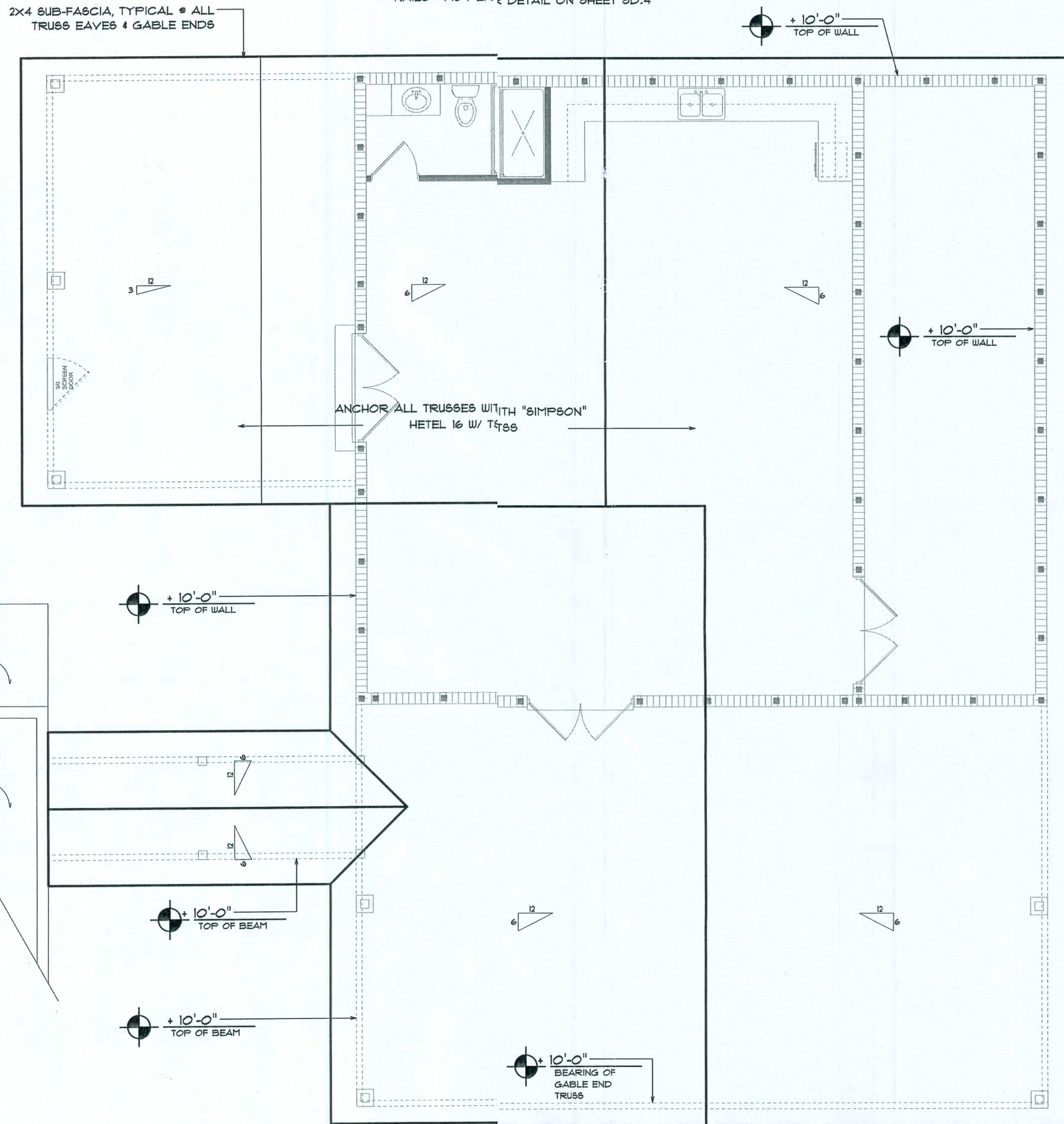
## ROOF PLAN NOTES

- SEE EXTERIOR ELEVATIONS FOR ROOF PITCH
- ALL OVERHANG 18" UNLESS OTHERWISE NOTED
- PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD.3
- SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE:  
SHEATH ROOF W/ 5/8" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, & SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET SD.4

NOTE:  
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2011 PER R301.2.1.1 AND LOCAL JURISDICTION REQUIREMENTS

NOTE:  
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE



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

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

SHOP DRUG COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWING LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS.

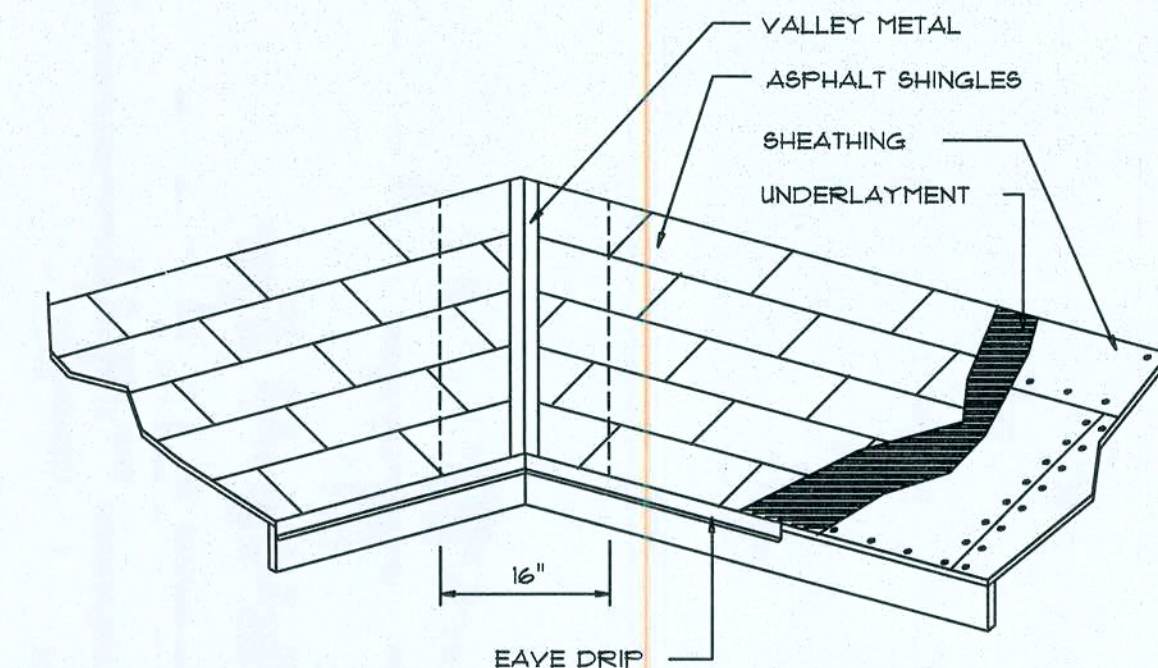
THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPARABLE UPLIFT CONNECTORS, AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

## PROJECT COORDINATION REQUIREMENTS

NOTICE:  
THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES IN COLUMBIA COUNTY, FL AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES, RULES, AND REGULATIONS, N.P.C.B.I.E.R., ARCHITECT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEDERAL). IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

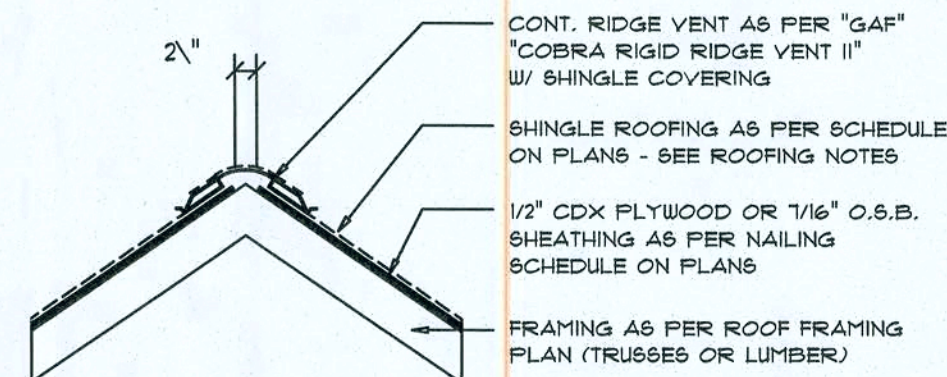
## WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N.2 HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.



VALLEY FLASHING

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ. IN.
1800 SF	24 LF	490 SQ. IN.
2000 SF	28 LF	570 SQ. IN.
2500 SF	32 LF	650 SQ. IN.
2800 SF	36 LF	730 SQ. IN.
3100 SF	40 LF	810 SQ. IN.
3600 SF	44 LF	900 SQ. IN.



MIAMI/DADE PRODUCT APPROVAL REPORT: #38-0715.05

## Ridge Vent DETAIL

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

## ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY	0.021		40
LEAD			20
PAINTED TERNE			

## Roofing/Flashing DETS.

SCALE: NONE

REVISIONS	DATE	BY	APP
1	November 30, 2017		
2	February 15, 2018		

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

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

A GARAGE / SHOP BUILDING FOR:  
**MIKE FLOWERS**  
PROJECT ADDRESS: 207 SE CONDO GLEN, COLUMBIA COUNTY, FLORIDA 32643

AR0007005  
NICHOLAS  
BELLEFLORE  
ARCHITECT  
N.C.A. Reg. No. 38613-0325

1758 NW Brown Rd.  
Fort Myers, FL 33905  
(888) 388-4325

JOB NUMBER  
20170715

SHEET NUMBER  
**S.2**  
OF 4 SHEETS



FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable Construction, Wd Trusses @ 24" O.C.  
Walls: 8" CMU w/ (1) #5 VERTICAL @ 48" O.C. MAX  
Floor: 4" Thk. Concrete @ 12" W/ Fibermesh Concrete Additive  
Foundation: Continuous monolithic/otling or Stem Wall foundation system

ROOF DECKING

Material: 5/8" CD Plywood or O.B.  
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing  
Fasteners: 8d Commons or ring-ank nails per schedule on sheet S.4

SHEARWALLS

Material: 8" CMU w/ (1) #5 VERTICAL @ 32" O.C. MAX, FOURED SOLID WALLS WITH 8" X 12" FURRED IN PLACE TIE BEAM, REINFD W/ (2) #5 REBARS.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON I-TEL 16 W/ TSS  
Truss Anchors (FRAME): SIMPSON I-5A (OR EQUIVALENT), W/ 6 - 10d NAILS

Porch Column Base Connector: Simpson ABU44/ABU88 @ each column  
Porch Column to Beam Connector: Simpson EPC44/PC44 @ each column

FOOTINGS AND FOUNDATIONS

Footings: (MIN. SIZE) 20"x 12" Cont. W/ (2) #5 Bars Cont. on wire chairs or (1) #3 Transverse @ 24" O.C.  
Stemwall: 8" C.M.U. W/1-#5 Vertical Drel @ 48" O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE, SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATEGORY: 2, EXPOSURE: "C"

BASED ON ANSI/ASCE 7-10, 2017 FBC 1609-A WIND VELOCITY:  $V_{ULT} = 130$  MPH  
 $V_{ASD} = 101$  MPH

3. ROOF DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: 20 PSF  
SUPERIMPOSED LIVE LOADS: 20 PSF

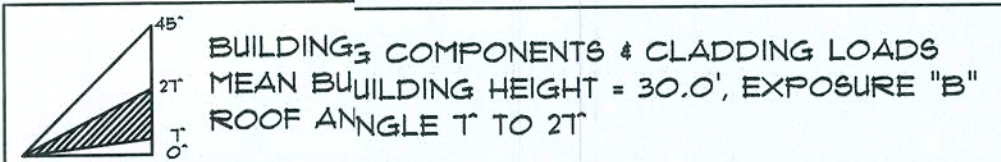
4. FLOOR DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: 25 PSF  
SUPERIMPOSED LIVE LOADS:  
RESIDENTIAL 40 PSF  
BALCONIES 60 PSF

5. WIND NET UPLIFT: ARE INDICATED ON PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

- A PERMANENT SIGN WHICH IDENTIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE PCTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.5
- CONDENSATE AND ROOF DOWNSPUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FC 1503.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRAD SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE EMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
- INITIAL TREATMENT SHALL BE DONAFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMD. FBC 1816.1.2
- BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BDF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIAFTER THE INITIAL TREATMENT. FBC 1816.1.3
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IREQUIRED. FBC 1816.1.4
- CONCRETE OVERPOUR AND MORTX ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIC SOIL TREATMENT. FBC 1816.1.5
- SOIL TREATMENT MUST BE APPLIE UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUTURE SIDEWALLS. FBC 1816.1.6
- AN EXTERIOR VERTICAL CHEMICABARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6
- ALL BUILDINGS ARE REQUIRED TO CIAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
- NO WOOD, VEGETATION, STUMPS, ARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4



ZONE	AREA	WIND SPEED (MPH)			
		100	120	140	160
ROOF T TO 21'	1	10	12.0 / -18.9	14.3 / -23.1	17.5 / -27.8
	2	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0
	3	30	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0
	4	40	12.5 / -34.1	14.9 / -41.3	17.5 / -48.4
	5	50	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6
	6	60	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4
WALL	1	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6
	2	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0
	3	30	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8
	4	40	21.8 / -23.6	25.9 / -34.1	30.4 / -33.0
	5	50	20.8 / -22.6	24.1 / -26.9	29.0 / -31.6
	6	60	19.5 / -21.3	23.2 / -25.4	27.2 / -29.8

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.41
20	1.00	1.29	1.59
25	1.00	1.35	1.61
30	1.00	1.40	1.66

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF'R/MODEL	CAP.
TRUSS TO WALL:	"SIMPSON" HETEL 16 W/ TSS	1410#

PORCH BEAM TO POST (4x4):	SIMPSON PC44/EPC44	1700#
PORCH BEAM TO POST (6x6):	SIMPSON PC66/EPC66	1700#
PORCH POST TO FND.:	SIMPSON ABU44	2200#
MISC. JOINTS	SIMPSON A34	315#/240#

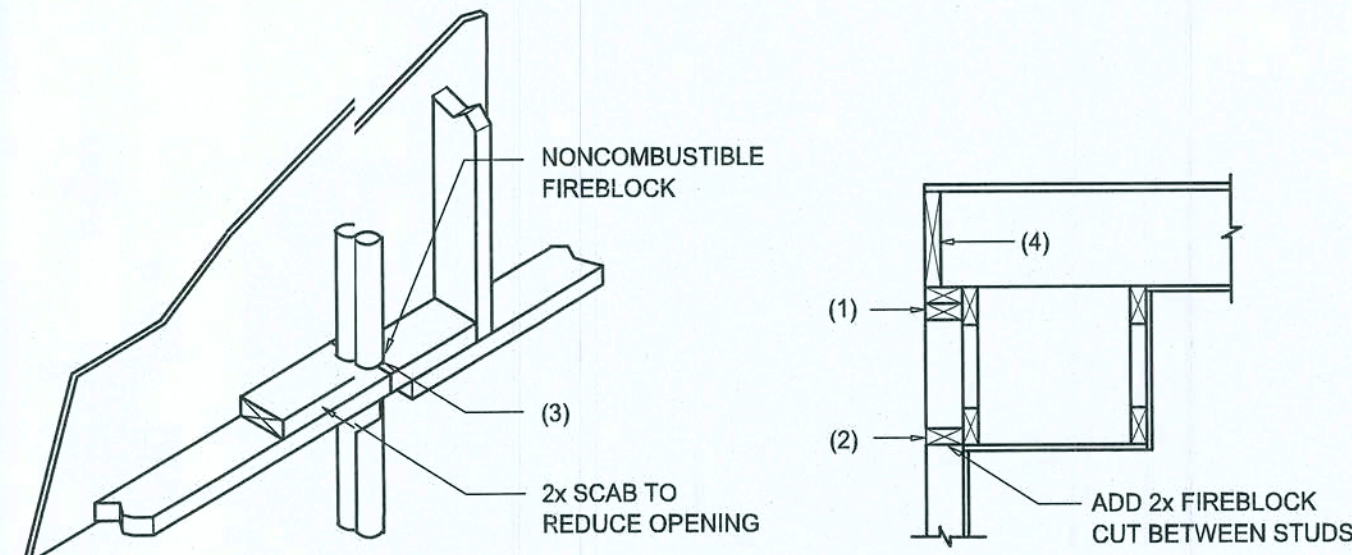
NOTE:  
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:  
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT / AND FASTENERS.

NOTE:  
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:  
"SEMCO" PRODUCT APPROVAL:  
MIAMI/DADE COUNTY REPORT #95-0818.15

NOTE:  
"SIMPSON" PRODUCT APPROVALS:  
MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04  
SBCC 1 NER-443, NER-3933



PENETRATIONS

SOFFIT/DROPPED CLG.

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEALANT"
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS. FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

A

General Roofing NOTES:

DECK REQUIREMENTS:  
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:  
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:  
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE 1, OR ASTM D 4869, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:  
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

ASPHALT SHINGLES:  
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:  
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS. MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:  
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION:  
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:  
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.  
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:  
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:  
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFG'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:  
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:  
1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1507.3.9.2.  
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.  
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:  
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.  
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.  
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

NOTE !!!  
ROOF SHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR  
ELITE GLASS-SEAL AR  
HERITAGE 30 AR  
HERITAGE 40 AR  
HERITAGE 50 AR

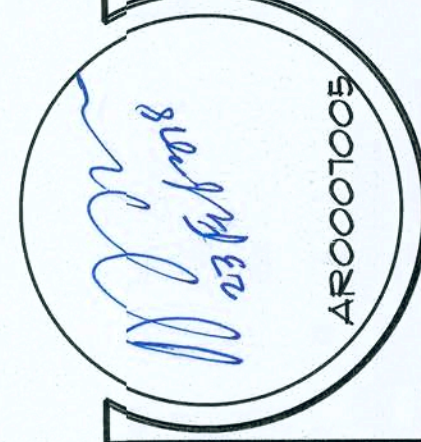
THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE

REVISIONS	November 30, 2017
	February 15, 2018

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

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

A GARAGE / SHOP BUILDING FOR:  
**MIKE FLOWERS**  
PROJECT ADDRESS: 207 SE CONDOR GLEN, COLUMBIA COUNTY, FLORIDA 32643



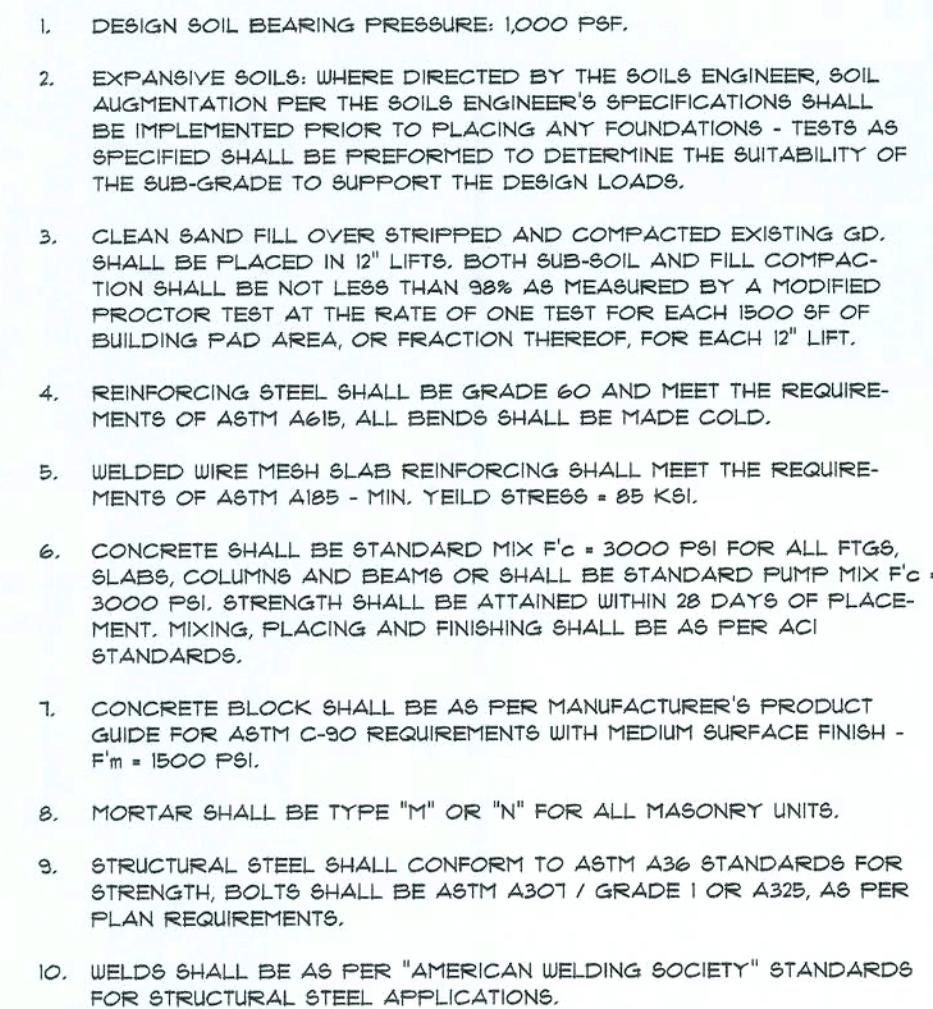
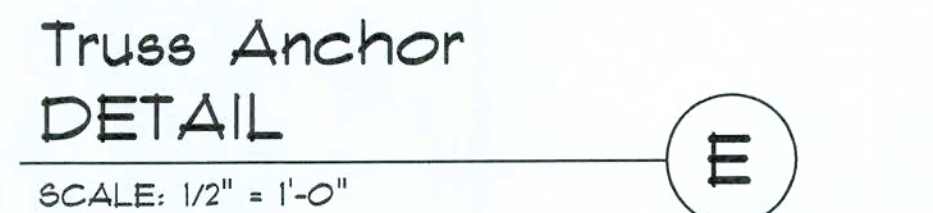
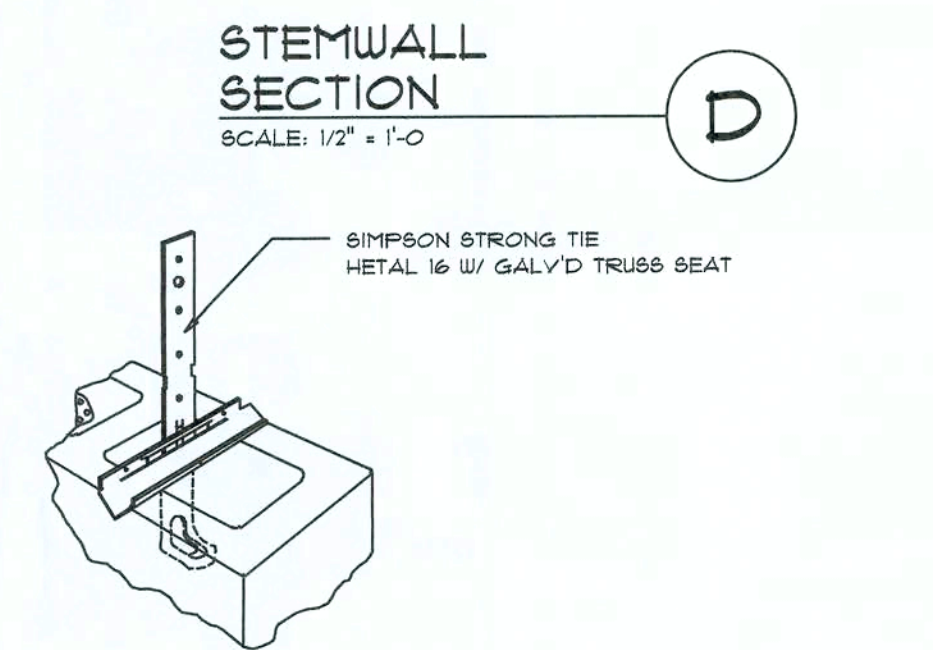
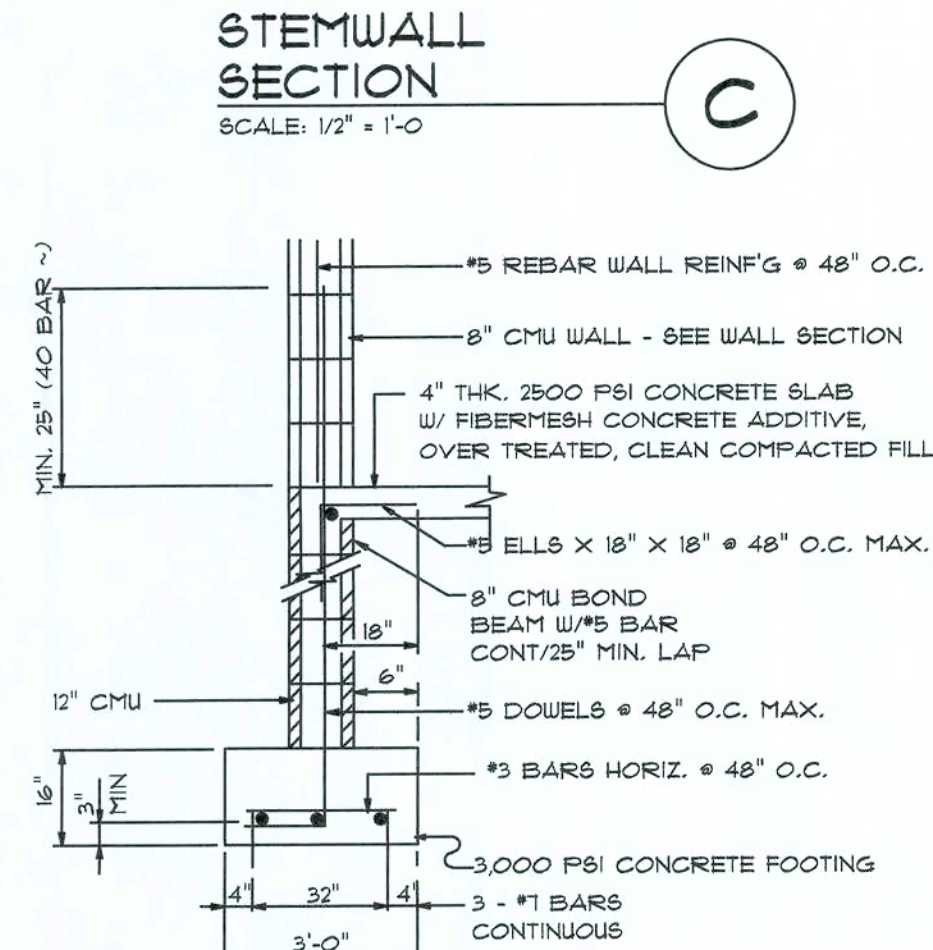
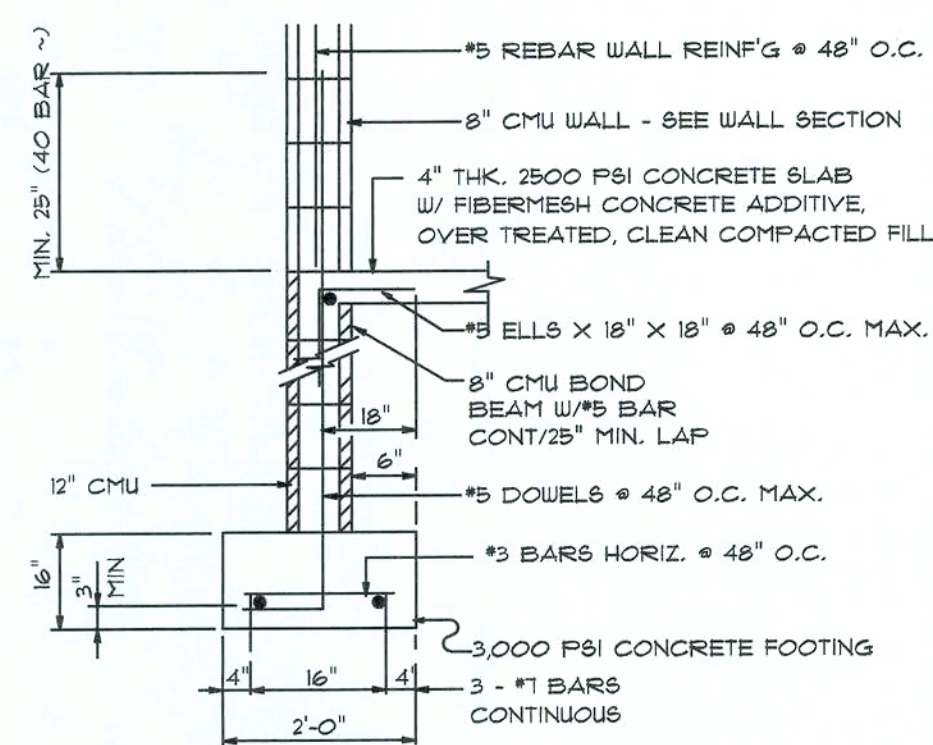
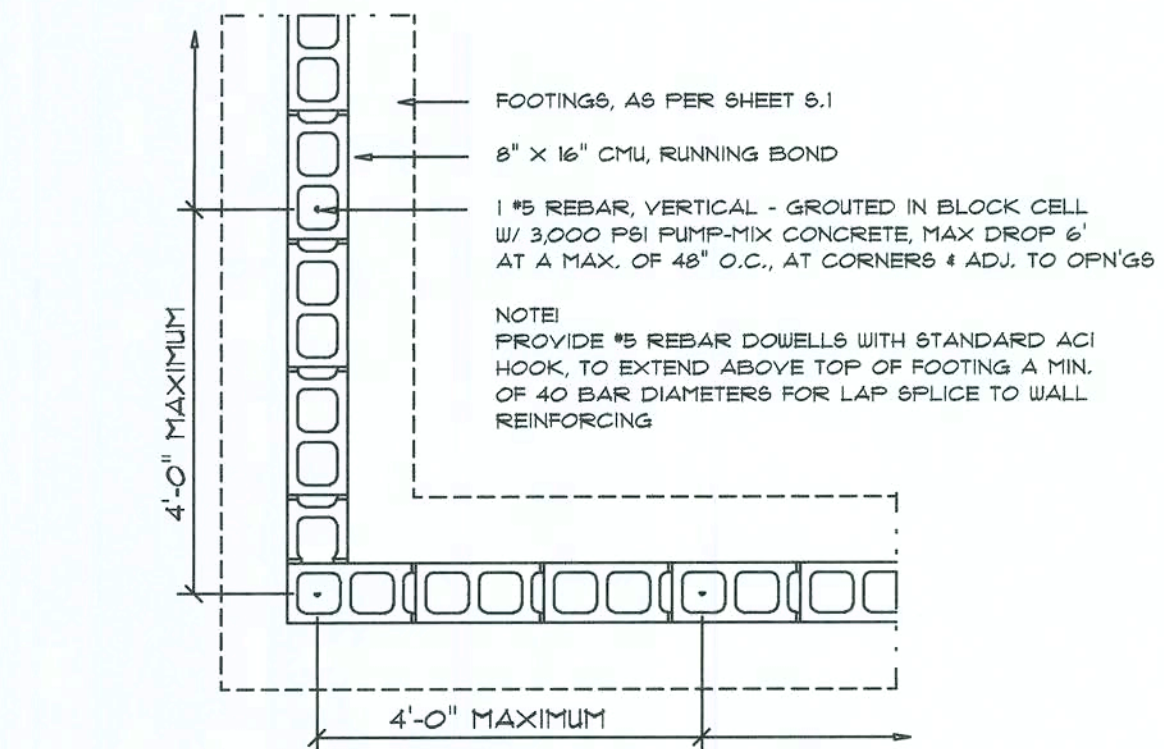
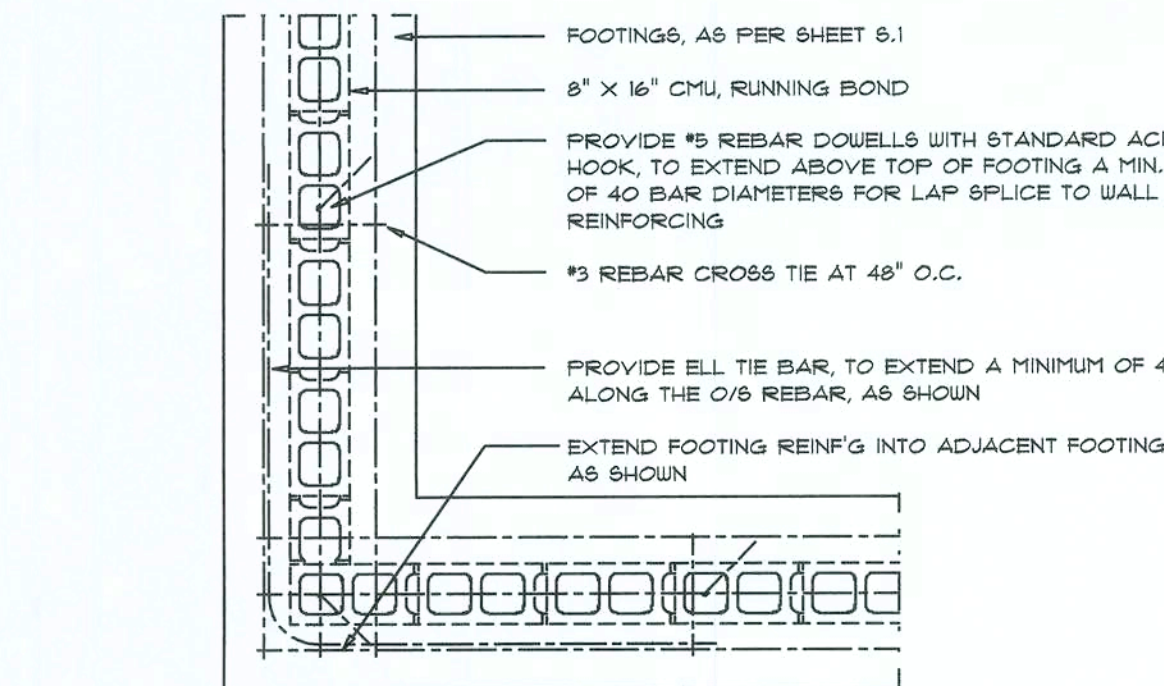
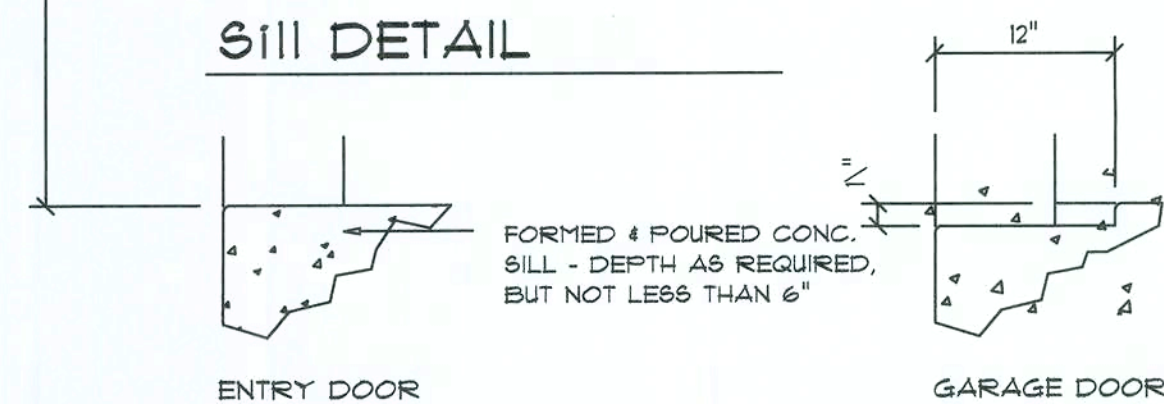
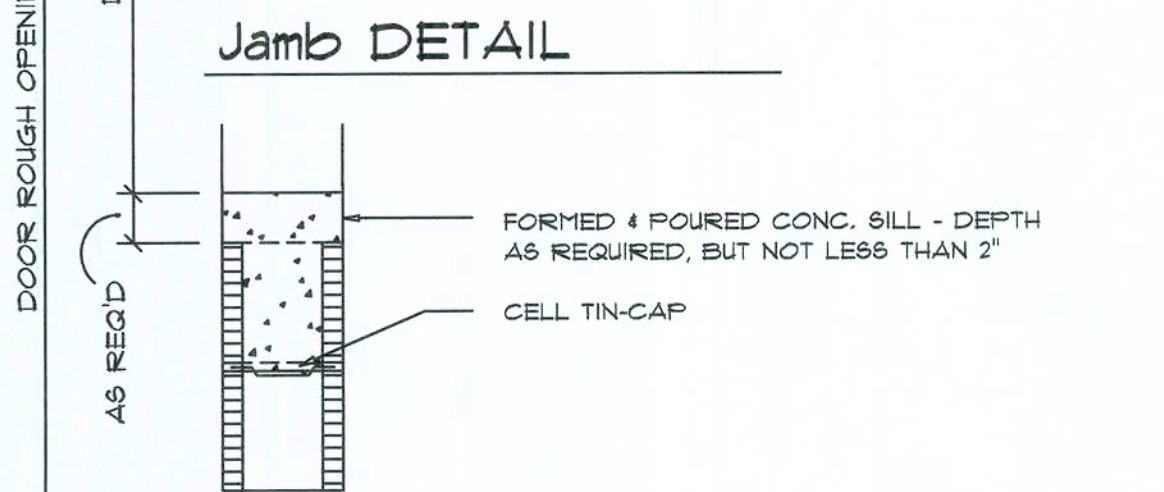
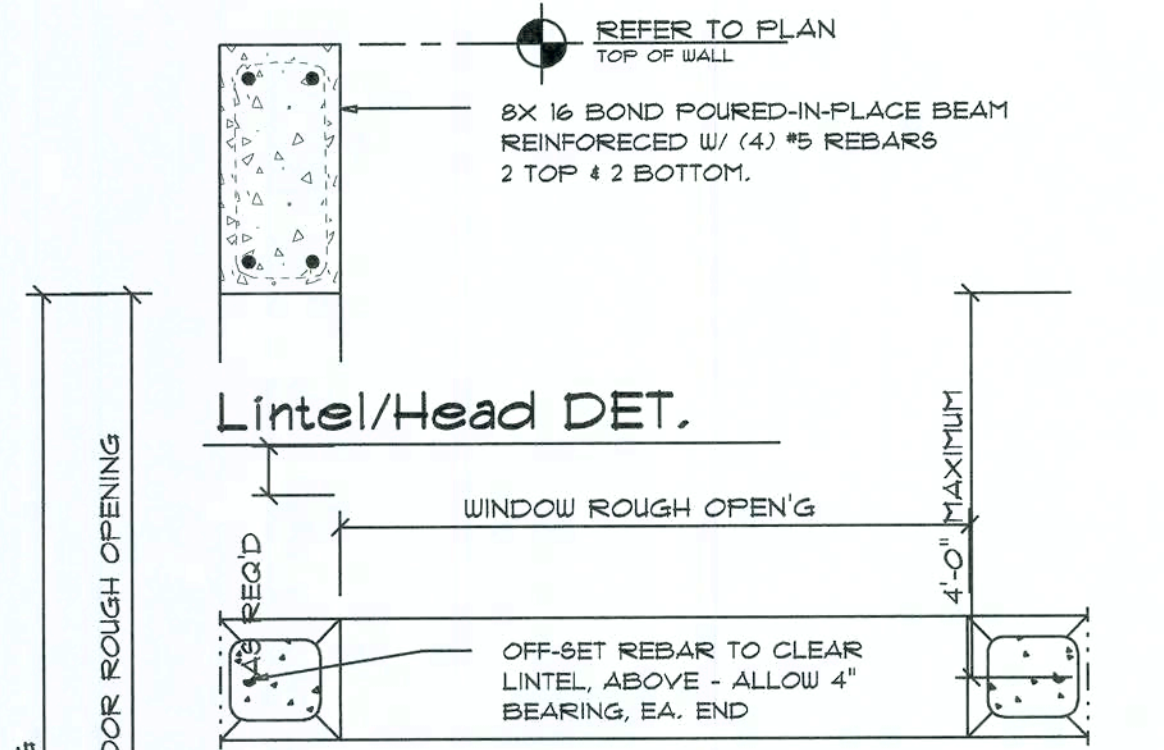
**NICHOLAS PAUL BEISLER ARCHITECT**  
N.C.A.R.B. Certified  
7558 NW Brown Rd.  
Lake City, FL 32055  
(386) 365-4555

JOB NUMBER  
20170715

SHEET NUMBER  
**S.3**  
OF 4 SHEETS

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS





## TERMITE PROTECTION NOTES:

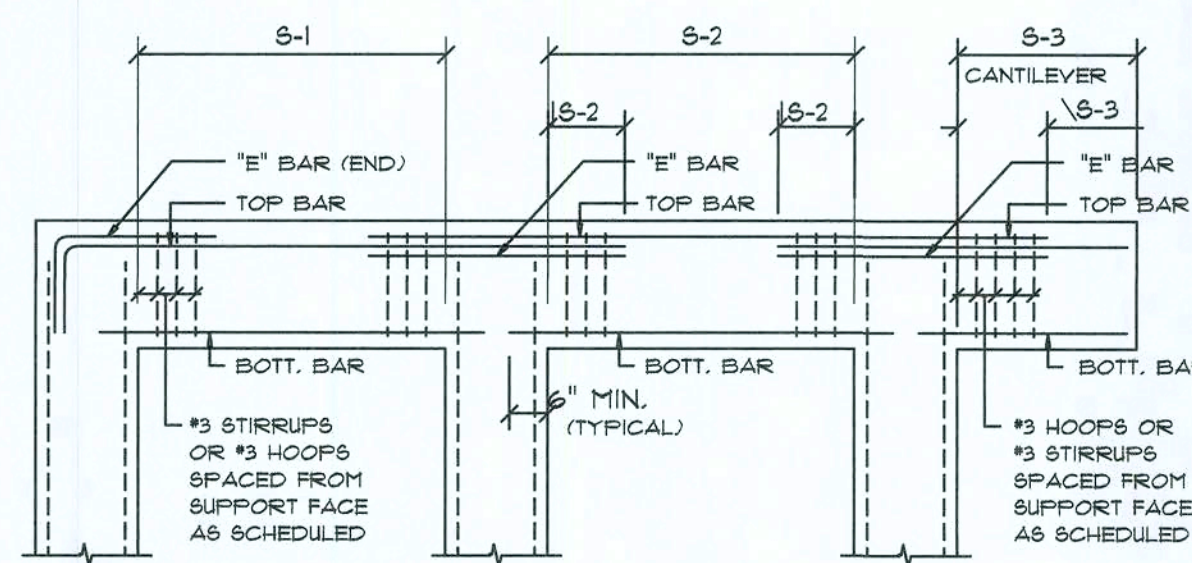
SOIL CHEMICAL BARRIER METHIOP.

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION (AND TREATMENT CONTRACT RENEWAL) SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6.
2. CONDENSATE AND ROOF DRAINSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 103.4.4.
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 103.4.4.
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH 1" GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6.
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1.
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2.
7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3.
8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4.
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5.
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6.
11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6.
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7.
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7.
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3.
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4.

## WOOD STRUCTURAL NOTES

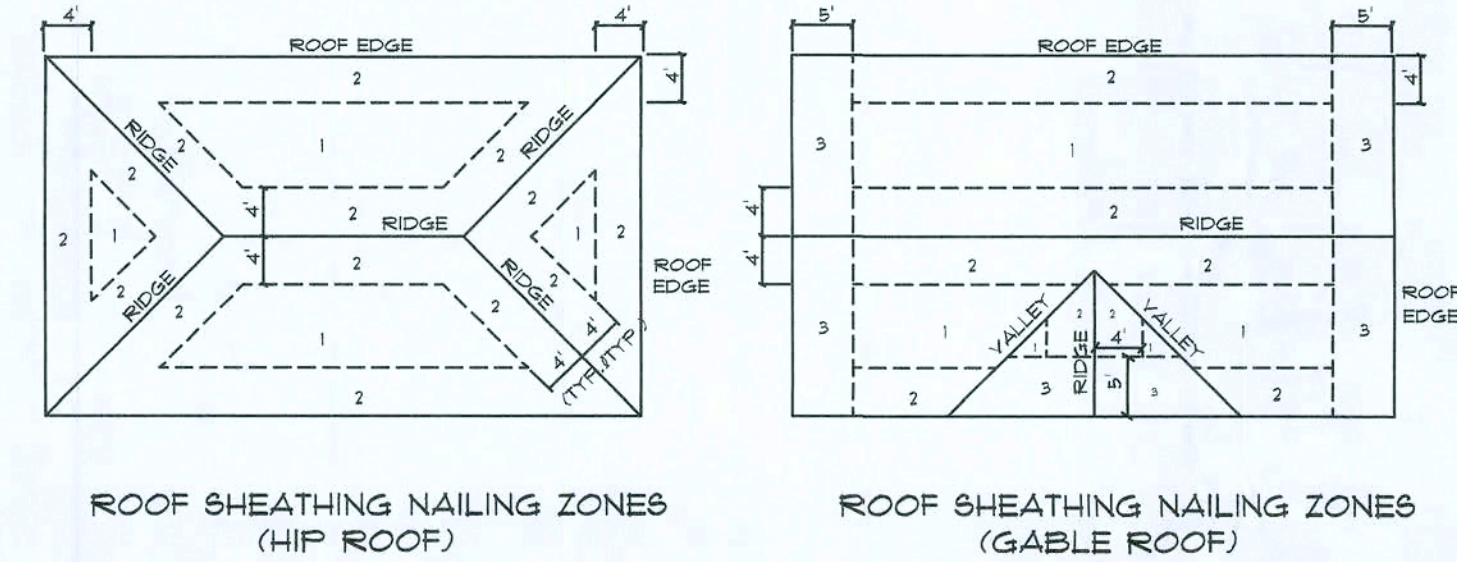
1. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N-2 HEAVY-FIR OR BETTER.
4. CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"					
ZONE	AREA	Vult 110 MPH	Vult 120 MPH	Vult 130 MPH	Vult 140 MPH
1	10	12.0 / -19.9	14.9 / -23.7	17.5 / -27.8	20.3 / -32.3
	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0	18.5 / -31.4
	50	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2
2	10	12.5 / -34.7	14.9 / -41.3	17.5 / -48.4	20.3 / -56.2
	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6	18.5 / -51.7
	50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.7
3	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6	20.3 / -83.1
	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0	18.5 / -77.7
	50	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5
4	10	21.8 / -23.6	25.9 / -34.7	30.4 / -33.0	35.3 / -38.2
	20	20.8 / -22.6	24.7 / -26.9	29.0 / -31.6	33.7 / -36.7
	50	19.5 / -21.3	23.2 / -25.4	27.2 / -29.8	31.6 / -34.6
5	10	21.8 / -29.1	25.9 / -34.7	30.4 / -40.7	35.3 / -47.2
	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0	33.7 / -44.0
	50	19.5 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8



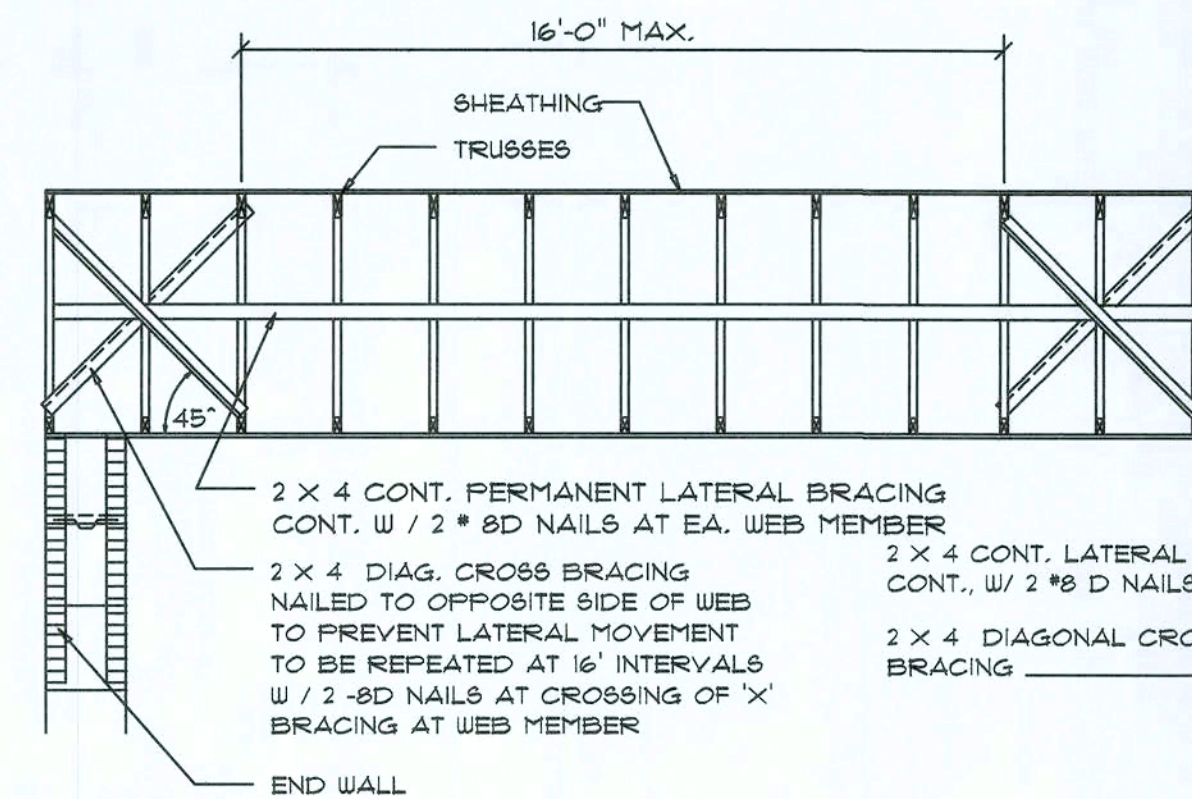
## ROOF SHEATHING FASTENINGS

NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6 in. o.c. EDGE 12 in. o.c. FIELD
2	7/16" O.S.B. OR 15/32 CDX	8d COMMON OR 8d HOT DIPPE GALVANIZED BOX NAILS	6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD



## Roof Nail Pattern DET.

SCALE: NONE



## Truss Bracing DETAILS

SCALE: AS NOTED

## GENERAL BEAM SCHEDULE NOTE:

1. SCHEDULED HOOPS OR STIRRUPS SHALL BE PLACED AT EACH END OF BEAM UNLESS NOTED OTHERWISE. STIRRUPS SHALL BE TYPE S-6 & HOOPS SHALL BE TYPE T-2 TYPICAL. CR61 BAR BENDS UNLESS NOTED OTHERWISE.
2. BUNDLE ALL STRUCTURAL BEAM TOP BARS IN PAIRS OVER SUPPORTS WITH TOP BARS FROM ADJACENT BEAMS.
3. ALL CONCRETE BEAMS OTHER THAN THOSE WITH THE PREFIX TB SHALL BE FORMED PRIOR TO PLACING OF BLOCK BELOW.
4. ALL TIE BEAM REINFORCING SHALL BE CONTINUOUS THROUGH TIE BEAMS ONLY. ALL SPLICES SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
5. ALL TIE BEAM TOP REINFORCING SHALL EXTEND INTO SPAN OF ANY ADJACENT STRUCTURAL BEAM AS PER BENDING DIAGRAM.
6. DROP BOTTOM OF TIE BEAMS AS REQUIRED AT WINDOW AND DOOR HEADS (28" MAXIMUM) AND ADD 2 #5 BOTTOM IF DROP EXCEEDS 8".
7. TIE BEAM SCHEDULED DEPTHS ARE MINIMUM AND MAY BE INCREASED (8" MAXIMUM) TO FIT BLOCK WORK.
8. ALL ADDED LONGITUDINAL BEAM REINFORCING SHALL EXTEND A MINIMUM OF 6" INTO SUPPORT UNLESS NOTED OTHERWISE.
9. MARK "C" IN REINFORCING COLUMN BETWEEN TWO BEAMS INDICATES THAT REINFORCING SHALL BE CONTINUOUS THROUGH THESE TWO BEAMS.

## HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66

REVISIONS  
November 30, 2017

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

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

A GARAGE / SHOP BUILDING FOR:  
**MIKE FLOWERS**  
PROJECT ADDRESS: 207 SE CONDO GLEN, COLUMBIA COUNTY, FLORIDA 32643

ARC001005

NICHOLAS PAUL GEISLER  
ARCHITECT  
N.C.A.R.B. Certified

JOB NUMBER  
20170715

SHEET NUMBER  
S.4  
OF 4 SHEETS