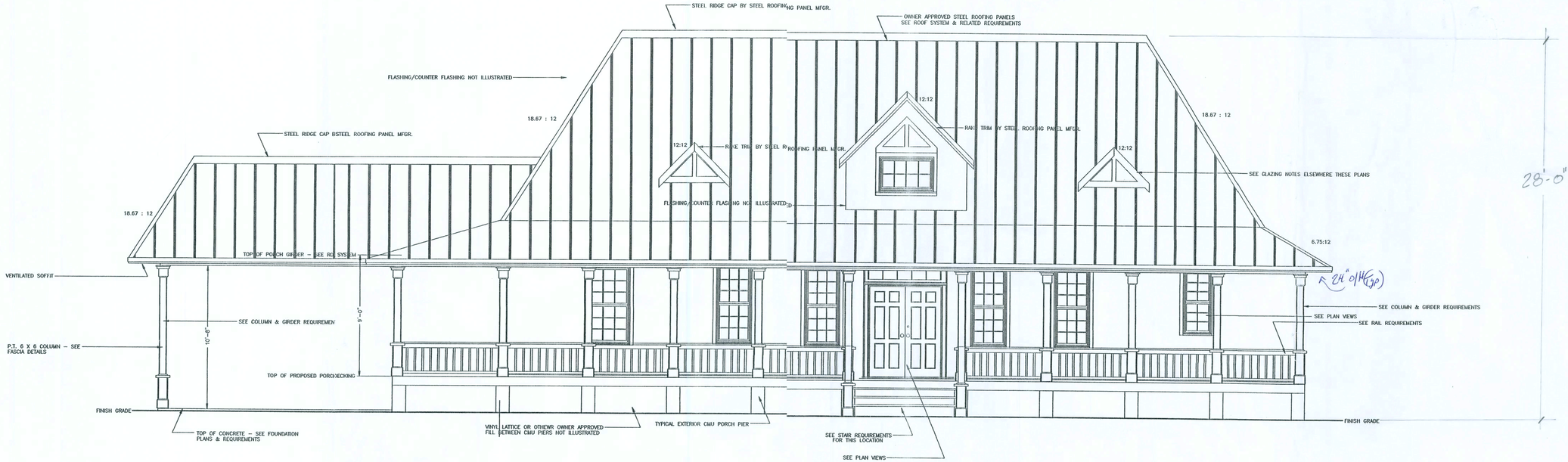
NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTGRITY OF THIS PROJECT.

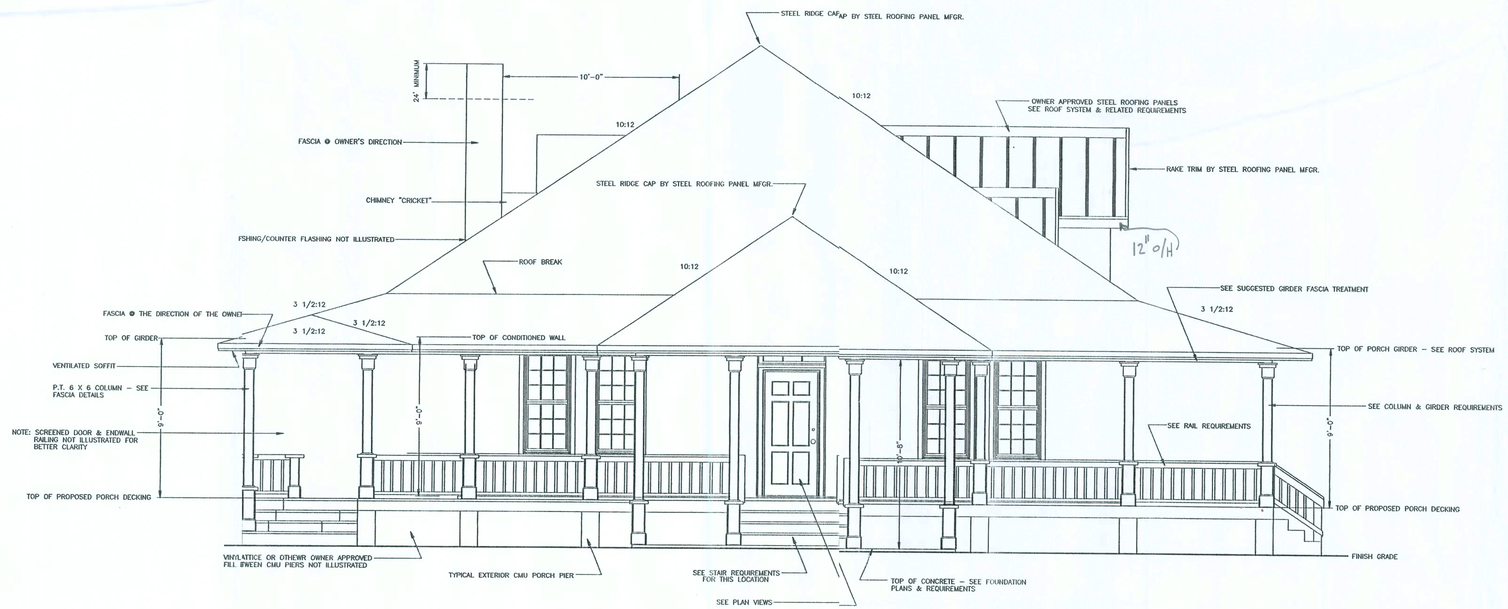
SCALE NOTE:
ELEVATIONS: 1/4" = 1'-0

FILE COPY



1 / A3.0.0 EXTERIOR FINISH ELEVATIN: SIDEWALL
FRONT SIDEWALL
SCALE: 1/4" = 1'-0

DWELLING FIRST LEVEL	2280.00 S.F.
DWELLING LOFTED AREA	349.00 S.F.
COVERED PORCHES	1661.00 S.F.
CARPORT AREA	324.00 S.F.
TOTAL CONDITIONED AREA	2629.00 S.F.
TOTAL GROSS CONSTRUCTED	4614.00 S.F.



2 / A3.0.0 EXTERIOR FINISH ELEVATION: ENDWALL
CARPORT ENDWALL
SCALE: 1/4" = 1'-0

CERTIFICATION:

THESE PLANS FOR THE BOMAN RESIDENCE WILL COMPLY WITH SECTION 1600 OF THE FLORIDA BUILDING CODE, 2004 EDITION FOR A 110 MPH WIND LOAD, 3 SECOND GUST, EXPOSURE B, WITH THE INTERNAL PRESSURE OF + 0.18 AND – 0.18 INCLUDED IN THESE LOADS.

COMPONENTS/CLADDING ROOF = – 42.02 PSF
+ 12.53 PSF

COMPONENTS/CLADDING WALLS = – 18.60 PSF
+ 16.42 PSF

Curtis E. Keen 11/15/07
CURTIS E. KEEN, PE #23836

FILE COPY

KEEN ENGINEERING & SURVEYING, INC.
9263 CR 417
LIVE OAK, FLORIDA 32060
386-364-4761
FAX: 386-364-3761

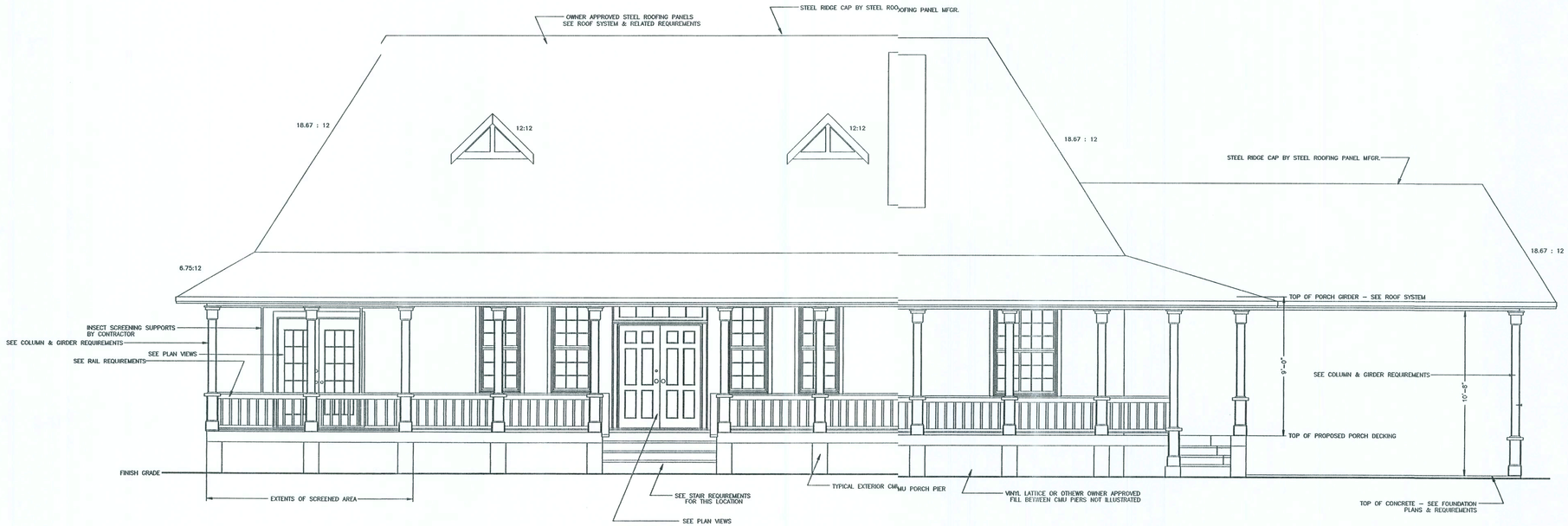
BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

EXTERIOR FINISH ELEVATIONS
MISC. NOTES, REFERENCES & INSTRUCTIONS

DRAWN BY:	DATE 10/15/07
PROJECT No. BOWMAN-A3.0.0.DWG	SHEET No. A3.0.0

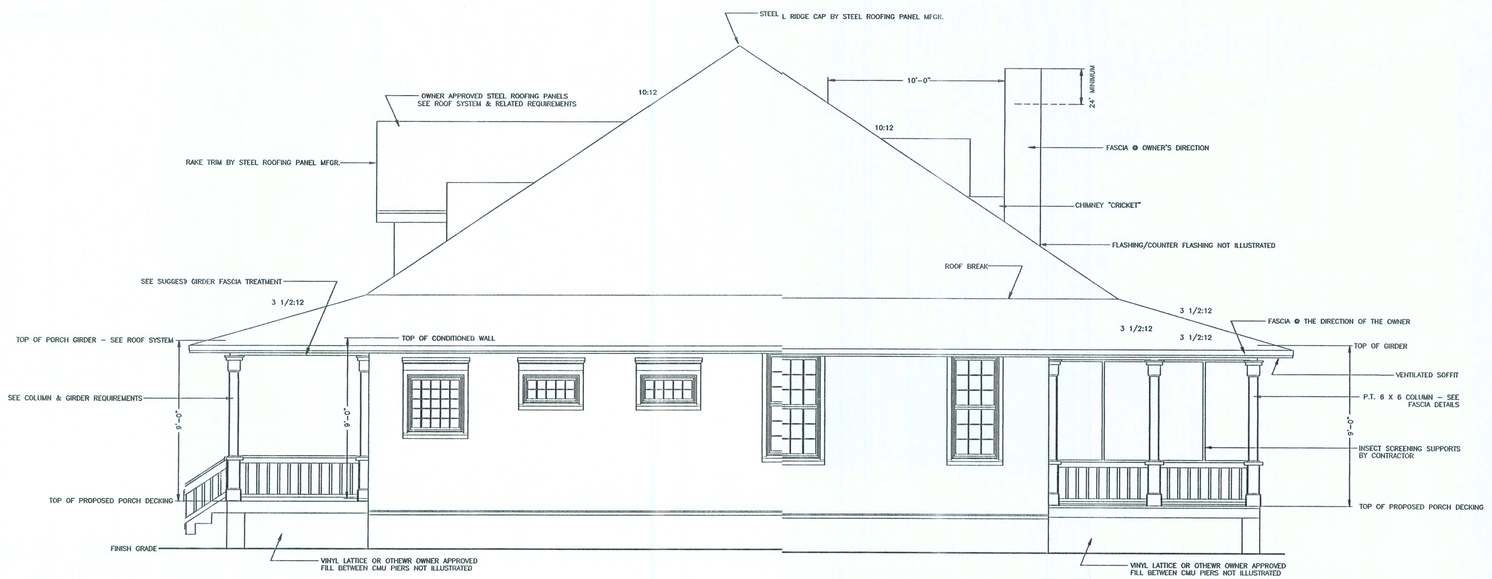
NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTEGRITY OF THIS PROJECT.

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



1 / A3.1.0 EXTERIOR FINISH ELEVATIN: SIDEWALL
REAR SIDEWALL
SCALE: 1/4" = 1'-0

DWELLING FIRST LEVEL	2280.00 S.F.
DWELLING LOFTED AREA	349.00 S.F.
COVERED PORCHES	1661.00 S.F.
CARPORT AREA	324.00 S.F.
TOTAL CONDITIONED AREA	2629.00 S.F.
TOTAL GROSS CONSTRUCTED	4614.00 S.F.



2 / A3.1.0 EXTERIOR FINISH ELEVATION: ENDWALL
BEDROOM ENDWALL
SCALE: 1/4" = 1'-0

CERTIFICATION:

THESE PLANS FOR THE BOMAN RESIDENCE WILL COMPLY WITH SECTION 1600 OF THE FLORIDA BUILDING CODE, 2004 EDITION FOR A 110 MPH WIND LOAD, 3 SECOND GUST, EXPOSURE B, WITH THE INTERNAL PRESSURE OF + 0.18 AND – 0.18 INCLUDED IN THESE LOADS.

COMPONENTS/CLADDING ROOF = – 42.02 PSF
+ 12.53 PSF

COMPONENTS/CLADDING WALLS = – 18.60 PSF
+ 16.42 PSF

CURTIS E. KEEN, PE #23836

KEEN ENGINEERING & SURVEYING, INC.
9263 CR 417
LIVE OAK, FLORIDA 32060
386-362-4767
EMAIL: KES_ES@ATT.NET

BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

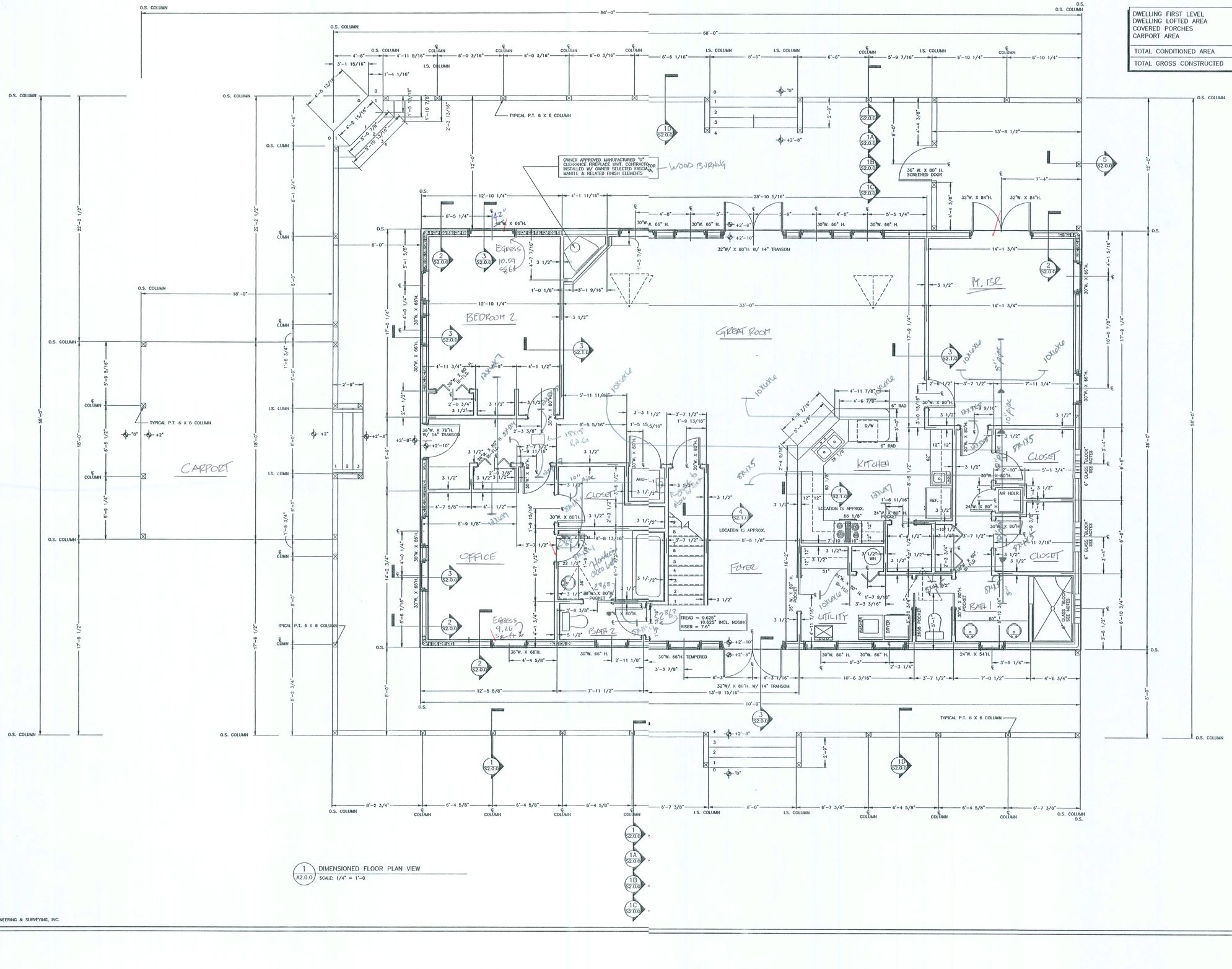
EXTERIOR FINISH ELEVATIONS
BASIC NOTES, REFERENCES & INSTRUCTIONS

DRAWN BY:
DATE 10/15/07
PROJECT No. BOWMAN-A3.1.0.DWG
SHEET No. A3.1.0

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTEGRITY OF THIS PROJECT.

SCALE NOTE:
PLAN VIEW: 1/4"=1'-0

DWELLING FIRST LEVEL	2280.00 S.F.
DWELLING LOFTED AREA	349.00 S.F.
COVERED PORCHES	1661.00 S.F.
CARPORT AREA	324.00 S.F.
TOTAL CONDITIONED AREA	2629.00 S.F.
TOTAL GROSS CONSTRUCTED	4614.00 S.F.



1 A2.0.0 DIMENSIONED FLOOR PLAN VIEW
SCALE: 1/4" = 1'-0

KEEN ENGINEERING & SURVEYING, INC.
9263 CR 417
LIVE OAK, FLORIDA 32060
386.362.2772
ENG. LIC. FR. 7761

BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

DIMENSIONED FIRST LEVEL FLOOR PLAN VIEW
MISC. NOTES, REFERENCES & INSTRUCTIONS

PROJECT No.	DRAWN BY:
BOWMAN-A2.0.0.DWG	DATE
SHEET No.	10/15/07
A2.0.0	

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTEGRITY OF THIS PROJECT.

SCALE NOTE:
PLAN VIEW: 1/4"=1'-0

DWELLING FIRST LEVEL	2280.00 S.F.
DWELLING LOFTED AREA	349.00 S.F.
COVERED PORCHES	1661.00 S.F.
CARPORT AREA	324.00 S.F.
TOTAL CONDITIONED AREA	2629.00 S.F.
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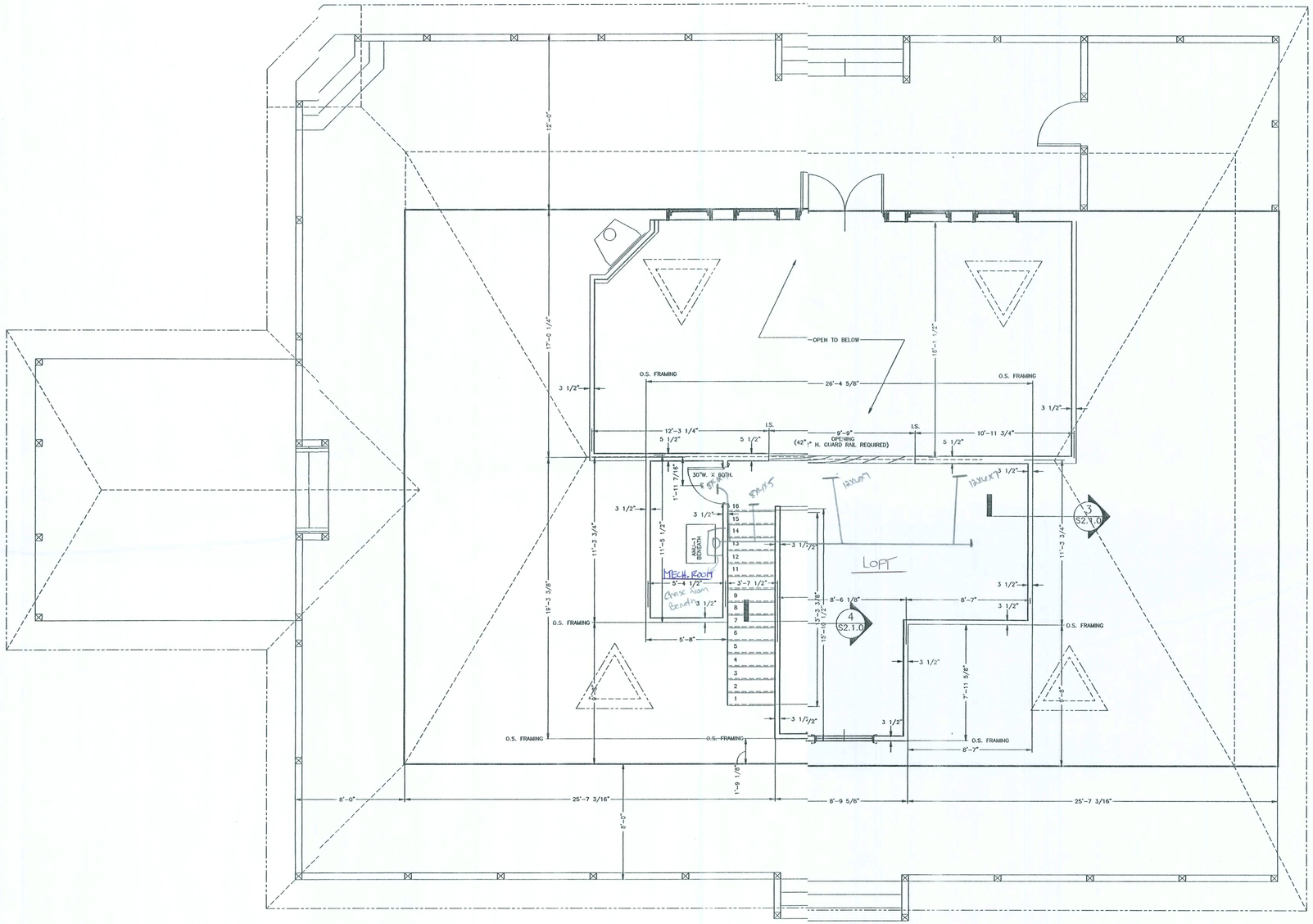


1 / A2.1 DIMENSIONED LOFT PLAN VIEW
SCALE: 1/4" = 1'-0

KEEN ENGINEERING & SURVEYING, INC.
9263 CR 417
LIVE OAK, FLORIDA 32060
386-362-4737
ENG-LIC-#8-3761

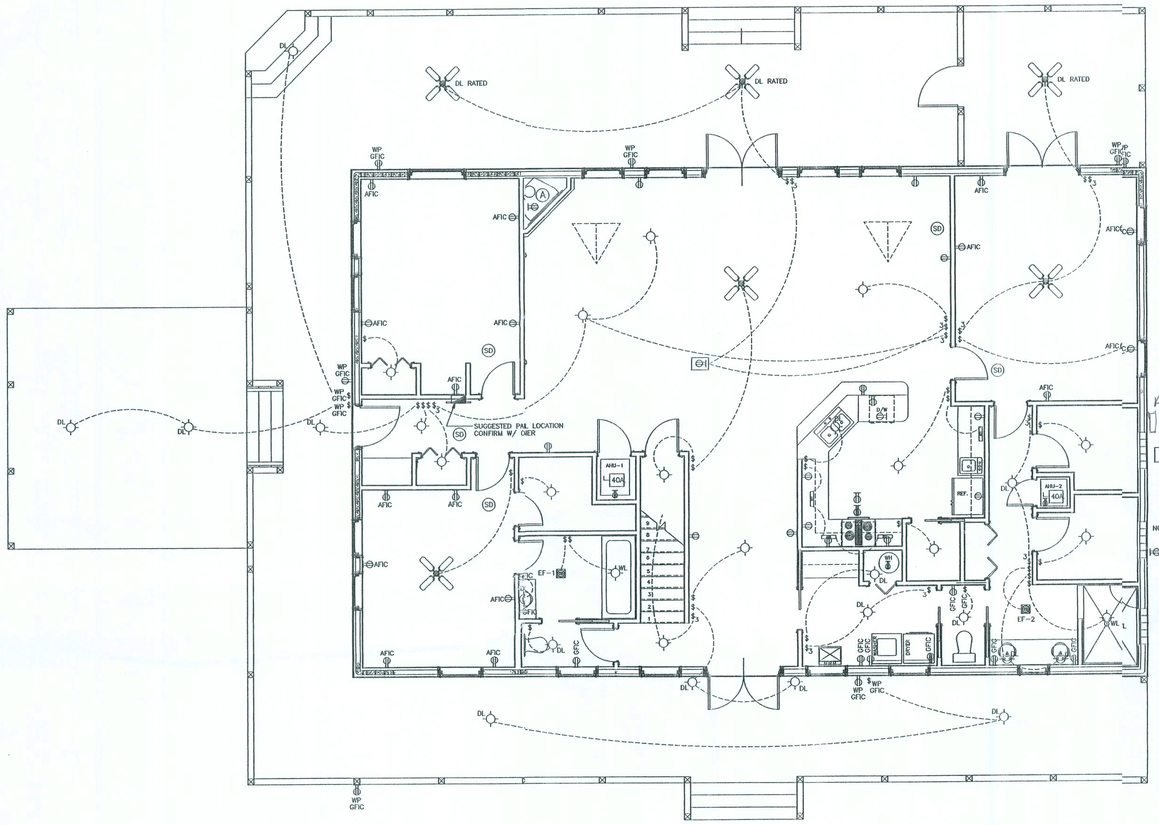
BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

DIMENSIONED FIRST LOFT AREA FLOOR PLAN VIEW
MISC. NOTES, REFERENCES & INSTRUCTIONS

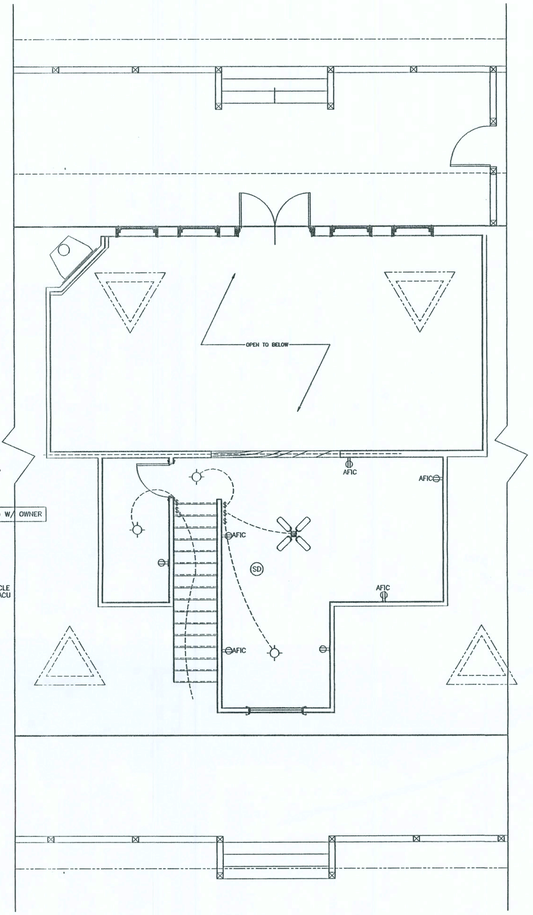
PROJECT No: BOWMAN-ACL1.DWG
SHEET No: A2.1.0
DRAWN BY:
DATE: 10/15/07

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTGRITY OF THIS PROJECT.

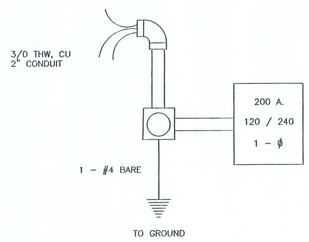
SCALE NOTE:
PLAN VIEW: 3/16"=1'-0



1 E2.0.0 ELECTRICAL PLAN VIEW
SCALE: 3/16" = 1'-0



2 E2.0.0 ELECTRICAL LOFT PLAN VIEW
SCALE: 3/16" = 1'-0



3 E2.0.0 ELECTRICAL RISER

ELECTRICAL FIXTURE SYMBOLS

- FLUORESCENT STRIP FIXTURE, SURFACE MOUNTED
- WALL BRACKET FLUORESCENT, SURFACE MOUNTED
- WALL BRACKET MOUNTED INCANDESCENT OR HID FIXTURE
- RECESSED DOWNLIGHT OR SURFACE MOUNTED FIXTURE
- DL — RECESSED DOWNLIGHT OR SURFACE MOUNTED FIXTURE – DAMP LOCATION RATED
- WL — RECESSED DOWNLIGHT OR SURFACE MOUNTED FIXTURE – WET LOCATION RATED
- EXTERIOR FLOOD LIGHTING: LOCATIONS & SWITCHES @ OWNER'S DIRECTION
- GROUND MOUNTED FLOOD OR DIRECTIONAL DOWNLIGHT LOW VOLTAGE SYSTEM @ THE DIRECTION OF THE OWNER
- EF-1 — EXHAUST FAN: OWNER APPROVED PROVIDING A MIN. OF 115 CFM
- EF-2 — EXHAUST FAN: OWNER APPROVED PROVIDING A MIN. OF 130 CFM
- DUPLEX RECEPTACLE, WALL MOUNTED 18" A.F.F. UNLESS OTHERWISE NOTED
- WP — DUPLEX RECEPTACLE, WALL MOUNTED 18" A.F.F. WEATHERPROOF BOX / CONNECTION
- GFI — DUPLEX RECEPTACLE W/ GROUND FAULT CIRCUIT INTERRUPTER, WALL MOUNTED
- DUPLEX RECEPTACLE W/ GROUND FAULT CIRCUIT INTERRUPTER, FLOOR MOUNTED
- 220 RECEPTACLE / CONNECTION – SEE PLANS
- TELEPHONE OUTLET WALL MOUNTED 18" A.F.F. NOTE: LOCATE @ OWNER'S DIRECTION
- TELEPHONE DATA OUTLET, WALL MOUNTED 18" A.F.F. UNLESS OTHERWISE INDICATD NOTE: LOCATE @ OWNER'S DIRECTION
- TV — TELEVISION COAXIAL OUTLET 18" A.F.F. NOTE: LOCATE @ OWNER'S DIRECTION
- $ — SINGLE POLE TOGGLE SWITCH MOUNTED @ 48" A.F.F.
- $D — SINGLE POLE DIMMER SWITCH WALL MOUNTED 48" A.F.F.
- $3 — THREE-WAY TOGGLE SWITCH
- $M — SINGLE POLE MOTOR RATED TOGGLE SWITVH
- FLUSH MOUNTED 220/120 PANEL TOP @ 6'-6" A.F.F. – LOCATE @ OWNER'S DIRECTION
- J — JUNCTION BOX
- L — DISCONNECT SWITCH: SIZE AS NOTED
- OWNER SELECTED CEILING FAN W/ OPTIONAL LIGHT KIT @ OWNER SELECTED LOCATIONS
- WMH — WALL MOUNTED HEATER – OWNER SELECTED MAKE & MFGR. – CONTRACTOR INSTALLED
- SD — SMOKE DETECTOR: CEILING MOUNTED UNLESS OTHERWISE NOTED

NOTES:
ELECTRICAL CONTRACTOR SHALL EXECUTE THE FOLLOWING REQUIREMENTS

ALL EXPOSED LECTRICAL SERVICE TO ITEMS INDICATED ON THE PLAN VIEW SHALL BE IN APPROPRIATELY SIZED N&T CONDUIT PER THE LATEST EDITION OF THE N.E.C.

ALL LIGHTING SWITCHES NOT INDICATED BY LOCATION @ THE DIRECTION OF THE OWNER SWITCHES & INDIVIDUAL LIGHTING MAY BE RELOCATED AT THE DIRECTION OF THE OWNER

ALL WORK SHALL BE IN ACCORDANCE W/ THE LATEST EDITION OF THE F.E.C.

CONTRACTOR TO PROVIDE VERTICAL DUCTING FROM FIRST LEVEL BATH(S) VENTING VERTICALLY, TO COMPLY W/ ALL APPLICABLE CODES, AND VENT THROUGH ROOF. CONTRACTOR TO ENSURE THAT ALL VERTICAL DUCTS ARE BAFFLED AGAINST SIGHT AND SOUND TRANSMISSION.

(A) CONTRACTOR SELECTED, OWNER APPROVED "0" CLEARANCE FIREPLACE UNIT; SELECTED UNIT SHALL COMPLY W/ ALL APPLICABLE STATUTES AND REGULATIONS INCLUDING THE FLORIDA RESIDENTIAL ENERGY COMPLIANCE. SELECTED UNIT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR THIS SPECIFIC APPLICATION & SHALL INCLUDE OUTSIDE COMBUSTION AIR AND ELECTRICAL REQUIREMENTS FOR FORCED AIR FAN(S). HEARTH, MANTLE AND DECORATIVE ELEMENTS OR ATTACHMENTS SHALL BE AT THE DIRECTION OF THE OWNER.

ALL SMOKE DETECTORS SHALL BE 120 VOLT WITH BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS ON SEPARATE CIRCUIT TO THE MAIN DISTRIBUTION PANEL.

ALL BEDROOM RECEPTACLES TO BE ARC FAULT INTERRUPTER CIRCUIT.

KEEN ENGINEERING & SURVEYING, INC.
LIVE OAK, FLORIDA 32060
9263 CR 417
386-362-4787
ENG. LIC. EB 3761

BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

ELECTRICAL PLAN VIEWS
MISC. NOTES, REFERENCES & INSTRUCTIONS

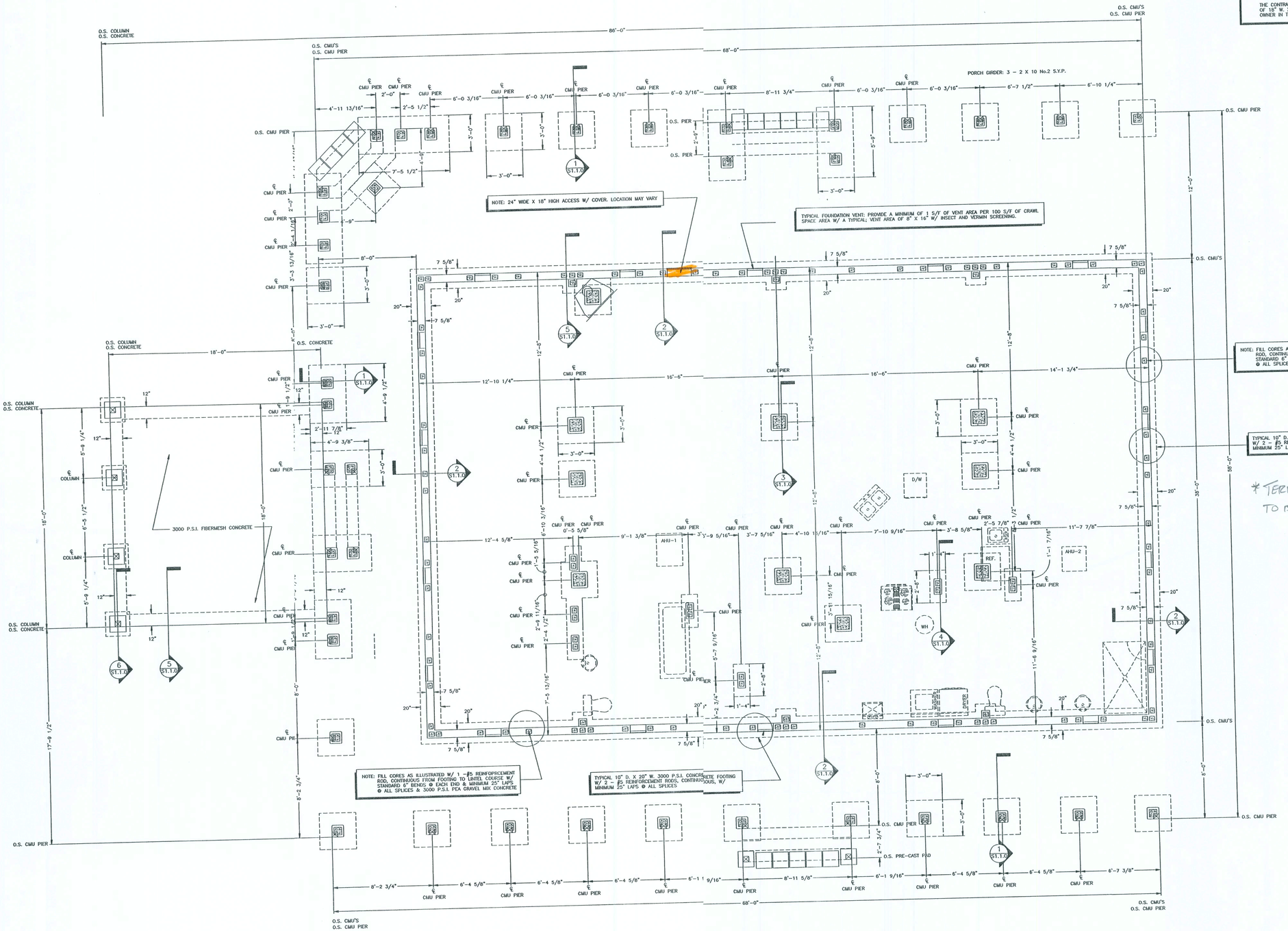
PROJECT No.: BOWMAN-E2.0.0.DWG
DRAWN BY:
DATE: 10/15/07
SHEET No.: E2.0.0

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTGRITY OF THIS PROJECT.

SCALE NOTE:
PLAN VIEW: 1/4"=1'-0

NOTE: CONTRACTOR SHALL PROVIDE A MINIMUM OF "CRAWL SPACE" VENTILATION AS ILLUSTRATED ON THE PLAN VIEW ELSEWHERE THIS SHEET ALONG THE PERIMETER 8" CMU WALL, FITTED W/ INSECT & VERMIN PROOF SCREENING.

THE CONTRACTOR SHALL PROVIDE A MINIMUM ACCESS OF 18" W. X 24" H., AS LOCATED OR @ DIRECTION OF OWNER IN THE 8"X8"X16" (NOM.) CMU PERIMETER WALL



*TERMADOR TERMITE PROTECTION TO BE USED

1 S1.0.0 DIMENSIONED FOUNDATION PLAN EW
SCALE: 1/4" = 1'-0

KEEN ENGINEERING & SURVEYING, INC.
9253 CR 417
LIVE OAK, FLORIDA 32060
(386) 362-4787
ENG. LIC. EB 3761

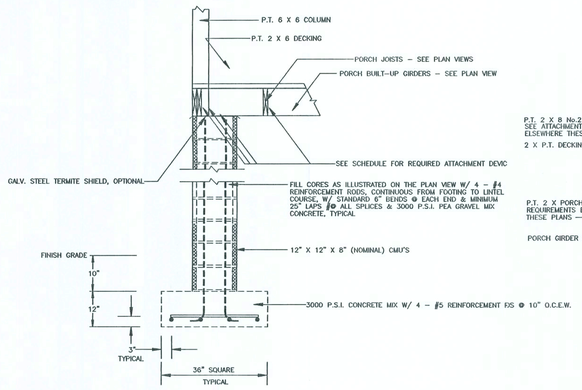
BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

DIMENSIONED FOUNDATION PLAN VIEW
WITH NOTES, APPLIANCES & INSTRUCTIONS

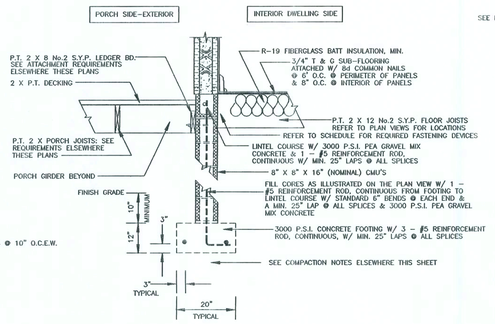
DRAWN BY:
DATE: 10/15/07
PROJECT No.
SHEET No.: S1.0.0

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTEGRITY OF THIS PROJECT.

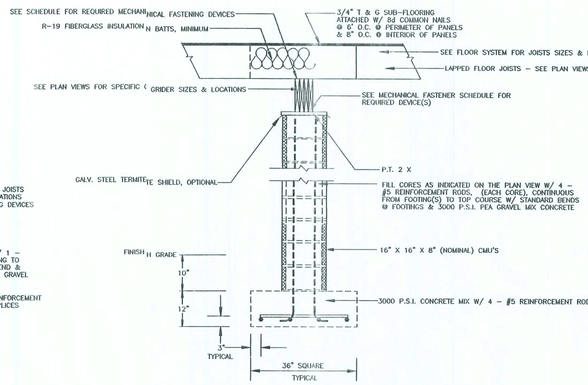
SCALE NOTE:
SECTIONS & DETAILS: N.T.S.



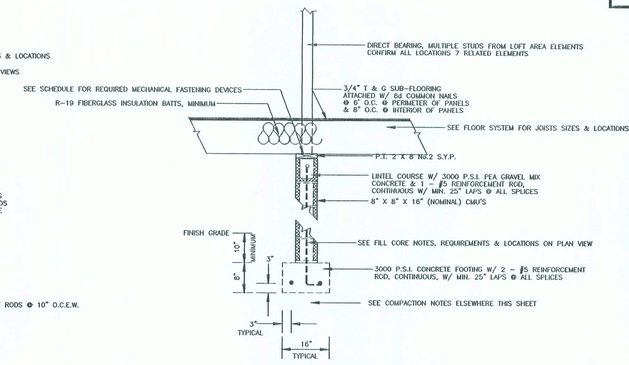
1 S1.1.0 SECTION THROUGH TYPICAL PORCH PIERS
SCALE: N.T.S.



2 S1.1.0 SECTION THROUGH TYPICAL EXTERIOR BEARING
SCALE: N.T.S.

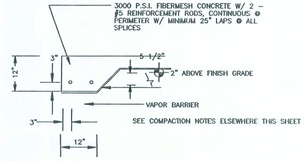


3 S1.1.0 SECTION THROUGH TYPICAL INTERIOR CMU PIERS
SCALE: N.T.S.

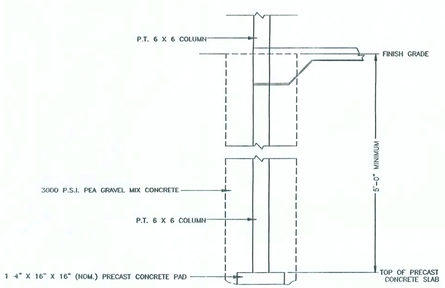


4 S1.1.0 SECTION THROUGH TYPICAL INTERIOR PIERS
SCALE: N.T.S.

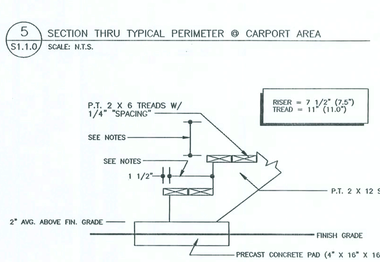
NOTE: AREAS OF CMU EXTERIOR STEM WALL(S) AND EXTERIOR CMU PIERS SHALL RECEIVE A FASCIA TREATMENT OF FIELD ROCK OR OTHER OWNER APPROVED MATERIAL(S) INSTALLED PER SELECTED MANUFACTURER'S RECOMMENDATIONS FOR THIS SPECIFIC APPLICATION
NOTE: AREAS BETWEEN CMU EXTERIOR PIERS SHALL BE ENCLOSED W/ A FIRE PROOF SCREENING DEVICE & A FASCIA TREATMENT AS SELECTED BY OWNER W/ ALL MATERIAL(S) INSTALLED PER SELECTED MANUFACTURER'S RECOMMENDATIONS FOR THIS SPECIFIC APPLICATION



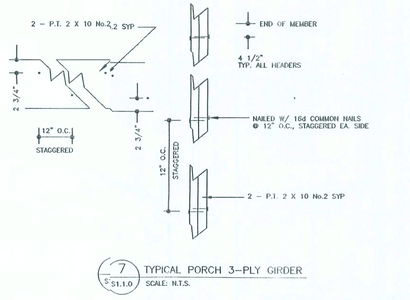
5 S1.1.0 SECTION THRU TYPICAL PERIMETER @ CARPORT AREA
SCALE: N.T.S.



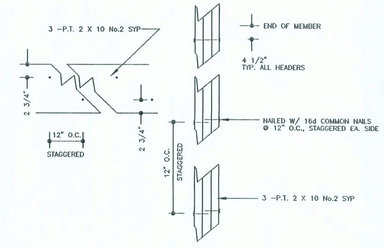
6 S1.1.0 SECTION THROUGH TYPICAL INTERIOR STEM WALL
SCALE: N.T.S.



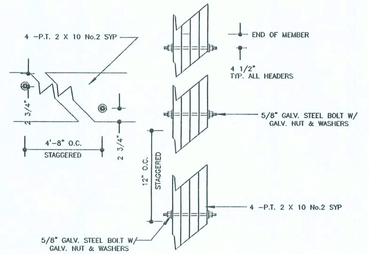
10 S1.1.0 EXTERIOR STAIR SECTION
SCALE: N.T.S.



7 S1.1.0 TYPICAL PORCH 3-PLY GIRDER
SCALE: N.T.S.



8 S1.1.0 TYPICAL PORCH 3-PLY GIRDER
SCALE: N.T.S.

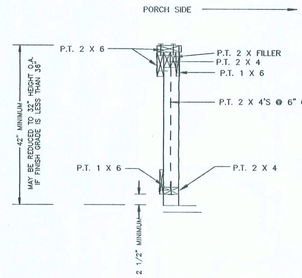


5-PLY GIRDER SIMILAR

9 S1.1.0 TYPICAL PORCH 4-PLY GIRDER
SCALE: N.T.S.

FOUNDATION NOTES, REQUIREMENTS & INSTRUCTIONS	
MASONRY UNITS	ALL MASONRY UNITS DESCRIBED AS 8" X 8" X 16" CMU'S ALL BE HOLLOW CONCRETE UNITS IN ACCORDANCE W/ ASTM C 90 OR C 145 AND SHALL HAVE A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 P.S.I. MASONRY FOUNDATION STEM WALLS SHALL BE RUNNING BOI CONSTRUCTION.
MORTAR	ALL MORTAR SHALL BE EITHER TYPE M OR S IN ACCORDANI W/ ASTM C 270. ALL GROUT SHALL HAVE A MINIMUM COARSE AGGREGATE SIZOF 3/8" PLACED A AN 8 TO 11 INCH SLUMP AND HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I. @ 28 DAYS WHEN TESTED IN ACCORDANCE W/ TM C 1019, OR SHALL BE IN ACCORDANCE W/ ASTM C 476. ALL CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESIVE STRENGTH OF 3000 P.S.I. @ 28 DAYS. ALL MORTAR JOINTS FOR HOLLOW UNIT MASONRY SHALL EXID THE FULL WIDTH OF FACE SHELLS. ALL BED JOINTS SHALL BE 3/8 INCH THICK. HEAD JOINTS ALL BE 3/8 INCH THICK THE BED JOINT OF THE STARTING COURSE PLACED OVER FCINGS SHALL BE PERMITTED TO VARY IN THICKNESS FROM A MINIMUM OF 1/4" TO A MAXIMUM OF 3/4".
REINFORCING STEEL	REINFORCING STEEL SHALL BE #5 UNLESS OTHERWISE NOTE ALL REINFORCING STEEL SHALL BE A MINIMUM OF GRADE 40AND IDENTIFIED IN ACCORDANCE W/ ASTM A 615, A 616, A 617, OR A 706. SPLICES SHALL BE LAP SPLICES W/ A MINIMUM LAP OF 25"OR #5 REINFORCEMENT BARS FOR MINIMUM COVER OVER FOUNDATION REINFORCEMENT – E DETAILS & SECTIONS THIS SHEET ALL REINFORCEMENT IN CMU'S IS TO EXTEND A MINIMUM OF INTO ALL FOOTINGS W/ A STANDARD BEND OF 6"
METAL ACCESSORIES	ALL JOINT REINFORCEMENT & ANCHOR TIES SHALL CONFORMTO ASTM A 82, ASTM A 36, & ASTM A 366 AS REQUIRED. LONGITUDINAL WIRES OF JOINT REINFORCEMENT SHALL BE FLY EMBEDDED IN MORTAR OR GROUT WITH A MINIMUM COVER OF 5/8 INCH WHEN EXPOSED TO EARTH OR WEATHER. AND A MINIMUM OF 1/2 INCH WHEN NOT EXPOSED TO EARTOR WEATHER. METAL ACCESSORIES USED IN EXTERIOR WALL CONSTRUCTIONNOT DIRECTLY EXPOSED TO WEATHER) SHALL BE GALVANIZED IN ACCORDANCE W/ ASTM A 153, CLASS B-2. METAL ACCESSORIES FOR USE IN INTERIOR WALL CONSTRUCTION SHALL BE MILL GALVANIZED IN ACCORDANCE W/ ASTM A 641, CLASS 1.
FILL COMPACTION	PRIOR TO GRADING OPERATIONS ALL SOIL, ORGANIC LITTER O FILL SHALL BE STRIPPED FROM THE BUILDING AREA. COMPACTION SHALL NOT BE LESS THAN 98% OF THE STANDD PROCTOR DENSITY. ALL FILL MATERIAL SHALL BE INORGANIC W/ NOT MORE THA30% BY WEIGHT FINER THAN No. 200 U.S. STANDARD SIEVE CONFORMING TO THE FOLLOWING: A. LIQUID LIMIT, LW .....50 MAXIMUM B. ELASTICITY, LW – 15, MAXIMUM C. DRY UNIT WEIGHT,..... 100 LBS. PER CU. FT. ALL FILL MATERIAL SHALL BE UNIFORMLY PLACED AT OPTIMU MOISTURE CONTENT IN 6 INCH UNIFORM LAYERS AND COMPACTED TO A DENSITY OF 98% OF THE STANDARD PROCTER AND IN ACCORDANCE W/ ASTM D 698T. FOOTINGS EXCAVATIONS SHALL BE INSPECTED BEFORE PLACII ANY CONCRETE TO ENSURE THAT FOOTINGS SHALL REST ON SOUND EARTH. ALL SUB GRADES MUST BE LEVEL, SMOOTH AND UNIFORMLYOMPACTED. SUB GRADE MUST BE ACCURATE WITHIN 1/4 INCH OF THE DESIGNATED LEVEL. ANY WALL WHICH IS TO RECEIVE BACK FILL ON BOTH SIDESHALL HAVE THE BACK FILL PLACED SIMULTANEOUSLY ON BOTH SIDES IN EVEN LAYERS AS PREVIOUSLY DESCRIBED SO AS NOT TO APPLY UNEVEN LOADS.
GENERAL	FOOTINGS SHALL BE LEVEL OR STEPPED AS INDICATED ON T PLAN VIEWS & DETAILED ELSEWHERE THIS SHEET SOIL, WASTE PIPES OR BUILDING DRAINS PASSING UNDER A JOTING OR THROUGH A FOUNDATION STEM WALL SHALL BE PROVIDED W/ A RELIEVING ARCH OR AN IRON PIPE SLEEVE A MINIMUM OF TWO PIPE SIZES GREATER THAN THE PIPE PWING THROUGH. STEM WALLS SHALL EXTEND NO GREATER THAN 3 FEET ABO THE FINISH GRADE AND CONSTRUCTED WITH THE PREVIOUSLY DESCRIBED MASONRY UNITS. ALL STATE & LOCAL CODES SHALL BE COMPLIED WITH BY T CONTRACTOR. 2,000 P.S.F. SOIL BEARING PRESSURE SHALL BE OBTAINED OER ALL FOOTINGS & SLABS.

SCHEDULE OF REQUIRED PORCH & FLOOR SYSTEM CONNECTION DEVICES	
FLOOR JOISTS	LOCATION OF P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS @ 16" O.C. & AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. MW212 TOP MOUNTED HANGER BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO CMU STEM WALL CONNECTIONS ATTACH W/ 2 – 16d DPLX NAILS TO CMU'S AND 2 – 10d X 1 1/2" NAILS TO FLOOR JOISTS 1 – MODEL No. TS18 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT–UP PRESSURE TREATED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS
	LOCATION OF DOUBLE P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. MW21–2 TOP MOUNTED HANGER BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO CMU STEM WALL CONNECTIONS ATTACH W/ 2 – 16d DPLX NAILS TO CMU'S AND 2 – 10d COMMON NAILS TO FLOOR JOISTS 1 – MODEL No. TS18 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT–UP PRESSURE TREATED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS
	LOCATION OF SINGLE OR DOUBLE P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS AS INTERMEDIATE BEARING ON 8" X 8" X 16" CMU (NOM.) INTERIOR PIERS 1 – MODEL No. TS18 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT–UP PRESSURE TREATED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS
P.T. FLOOR GIRDERS	LOCATION OF 5 – OR – 6 PLY BUILT–UP P.T 2 X 12 No.2 S.Y.P. FLOOR GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. META16 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF BUILT–UP FLOOR GIRDER TO CMU STEM WALL PROJECTION OR CMU PIER CONNECTIONS ATTACH W/ 10 – 16d COMMON NAILS TO GIRDER(S)
PORCH JOISTS	LOCATION OF P.T 2 X 10 No.2 S.Y.P. PORCH JOISTS @ 24" O.C. & AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. LU28 FACE MOUNTED HANGER BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH JOISTS TO BAND JOISTS OR P.T. BUILT–UP GIRDER CONNECTIONS ATTACH W/ 4– 10d COMMON NAILS TO JOISTS & 6 – 10d COMMON NAILS TO GIRDERS OR BAND JOISTS
	LOCATION OF SKEWED P.T 2 X 10 No.2 S.Y.P. PORCH JOISTS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. SUR OR SUL210 (AS REQUIRED BY LOCATION) HANGER BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH JOISTS TO SKEWED. BUILT–UP GIRDERS ATTACH W/ A TOTAL OF 20 – 10d X 1 1/2" NAILS PER MANUFACTURER
PORCH GIRDERS	LOCATION OF 3 – PLY BUILT–UP P.T 2 X 10 No.2 S.Y.P. PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. LUS28–3 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO P.T. 2 X 8 No.2 S.Y.P. LEDGER BOARD CONNECTIONS ATTACH W/ A TOTAL OF 10 – 16d COMMON NAILS
	LOCATION OF 3 – PLY BUILT–UP P.T 2 X 10 No.2 S.Y.P. SKEWED OR DIAGONAL PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. HSUR4G BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO P.T. 2 X 8 No.2 S.Y.P. LEDGER BOARD CONNECTIONS ATTACH W/ A TOTAL OF 10 – 16d COMMON NAILS, INSTALLING W/ 1 – "WING" OF FASTENER BENT 90° REVERSED TO ALIGN W. CORNER OR DWELLING/LEDGER BOARD(S)
	LOCATION OF 2 – PLY BUILT–UP P.T 2 X 10 No.2 S.Y.P. SKEWED OR DIAGONAL PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. SUR OR L 210–2 (DETERMINED BY LOCATION) BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF SKEWED GIRDERS TO GIRDER CONNECTIONS ATTACH W/ A TOTAL OF 20– 10d X 1 1/2" NAILS COMMON NAILS TO GIRDERS
	LOCATION OF 2 – PLY BUILT–UP P.T 2 X 10 No.2 S.Y.P. PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. U28–2 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF 2–PLY GIRDERS TO LEDGER BOARD CONNECTIONS USE ALL MANUFACTURER REQUIRED NAILS FOR CONNECTIONS
LEDGER BOARD	LOCATION OF P.T. 2 X 8 No.2 S.Y.P. LEDGER BOARD – SEE PLAN VIEW FOR LOCATIONS LEDGER BOARD SHALL BE ATTACHED TO PERIMETER CMU STEM WALL W/ GALV. STEEL THRU BOLTS W/ GALV. WASHERS & A MINIMUM EMBEDMENT IN CMU STEM WALL LINTEL COURSE OF 3" W/ BOLTS STAGGERED VERTICALLY & A MAXIMUM SPACING OF 24" O.C.
DECKING	LOCATION OF P.T. 2 X 6 No.2 S.Y.P. DECKING BOARDS – SEE PLAN VIEW FOR LOCATIONS DECKING BOARDS SHALL BE INSTALLED W/ 1/4" SPACING AND SHALL BE ATTACHED TO EACH JOISTS/LEDGER BOARD, BAND JOIST & GIRDER W/ A MINIMUM OF 3 – #10d GALV. STEEL ANNULAR RING NAILS EQUALLY SPACED ACROSS THE WIDTH OF BOARD
COLUMNS	LOCATION OF P.T. 6 X 6 No.2 S.Y.P. COLUMNS – SEE PLAN VIEW FOR LOCATIONS 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH COLUMNS TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS NOTE: COLUMNS @ CARPORT ROOF SUPPORT REQUIRE 2 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH COLUMNS TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS SEE ALSO FOUNDATION DETAILS & SECTIONS FOR O.S. P.T. COLUMNS @ CARPORT
STAIRS	LOCATION OF P.T. 2 X 12 STAIR STRINGERS – SEE STAIR DETAILS ELSEWHERE THESE PLANS 1 – MODEL No. LSSU210 BY SIMPSON STRONG–TIE OR EQUAL @ EACH 4 X 12 D.F. 12 STAIR STRINGER TO MULTIPLE FLOOR TRUSS GIRDER CONNECTIONS ATTACH W/ 14 – 16d COMMON NAILS TO GIRDER CONNECTIONS & 12 – 10d X 1 1/2" NAILS TO STAIR STRINGER(S)
NOTES	CONTRACTOR SHALL COORDINATE W/ REQUIRED DEVICES @ WALLS – SEE SECTIONS & DETAILS



11 S1.1.0 PORCH RAIL, TYPICAL
SCALE: N.T.S.

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ENG. LIC. FEB 3761

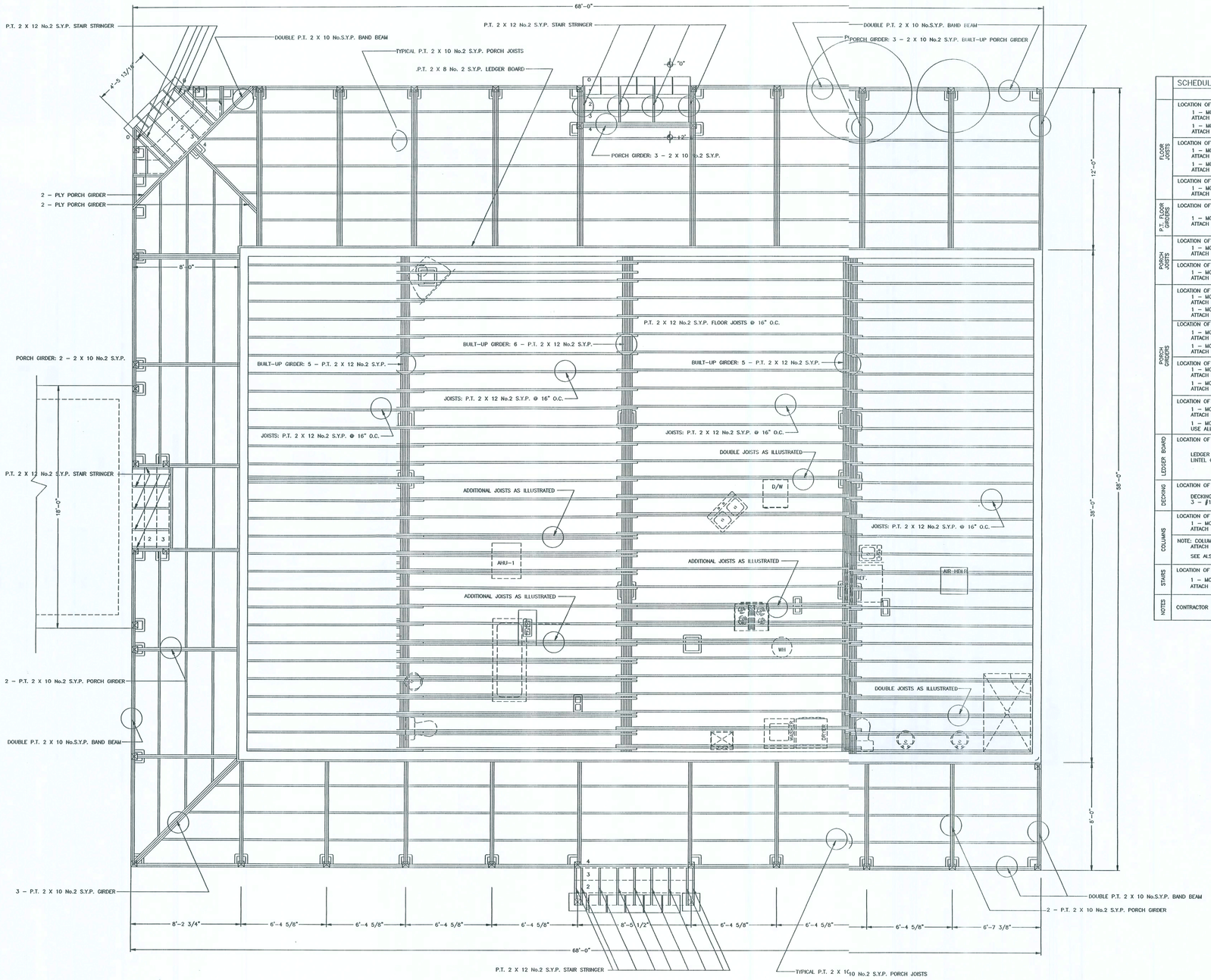
BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

REFERENCED SECTIONS & DETAILS
MISC. NOTES, REFERENCES & INSTRUCTIONS

PROJECT No.	DRAWN BY:	
BOWMAN-S1.0.0.DWG		DATE
SHEET No. S1.1.0		10/12/07

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTGRITY OF THIS PROJECT.

SCALE NOTE:
PLAN VIEW: 1/4"=1'-0



1 S1.2.0 DIMENSIONED FLOOR SYSTEM PLAN VIEW
SCALE: 1/4" = 1'-0

SCHEDULE OF REQUIRED FLOOR SYSTEM CONNECTION DEVICES

FLOOR JOISTS	LOCATION OF P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS @ 16" O.C. & AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. WA212 TOP MOUNTED HANGER BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO CMU STEM WALL CONNECTIONS ATTACH W/ 2 – 16d DPLX NAILS TO CMU'S AND 2 – 10d X 1 1/2" NAILS TO FLOOR JOISTS 1 – MODEL No. TS18 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT-UP PRESSURE TREATED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS
	LOCATION OF DOUBLE P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. WA21-2 TOP MOUNTED HANGER BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO CMU STEM WALL CONNECTIONS ATTACH W/ 2 – 16d DPLX NAILS TO CMU'S AND 2 – 10d COMMON NAILS TO FLOOR JOISTS 1 – MODEL No. TS18-2R SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT-UP PRESSURE TREATED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS
	LOCATION OF SINGLE OR DOUBLE P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS AS INTERMEDIATE BEARING ON 8" X 8" X 16" CMU (NOM.) INTERIOR PIERS 1 – MODEL No. TS18 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT-UP PRESSURE TREATED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS
P.T. FLOOR GIRDERS	LOCATION OF 5 – OR – 6 PLY BUILT-UP P.T 2 X 12 No.2 S.Y.P. FLOOR GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. META16 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF BUILT-UP FLOOR GIRDER TO CMU STEM WALL PROJECTION OR CMU PIER CONNECTIONS ATTACH W/ 10 – 16d COMMON NAILS TO GIRDER(S)
PORCH JOISTS	LOCATION OF P.T 2 X 10 No.2 S.Y.P. PORCH JOISTS @ 24" O.C. & AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. LU28 FACE MOUNTED HANGER BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH JOISTS TO BAND JOISTS OR P.T. BUILT-UP GIRDER CONNECTIONS ATTACH W/ 4– 10d COMMON NAILS TO JOISTS & 6 – 10d COMMON NAILS TO GIRDERS OR BAND JOISTS
	LOCATION OF SKEWED P.T 2 X 10 No.2 S.Y.P. PORCH JOISTS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. SUR OR SUL210 (AS REQUIRED BY LOCATION) HANGER BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH JOISTS TO SKEWED, BUILT-UP GIRDERS ATTACH W/ A TOTAL OF 20 – 10d X 1 1/2" NAILS PER MANUFACTURER
PORCH GIRDERS	LOCATION OF 3 – PLY BUILT-UP P.T 2 X 10 No.2 S.Y.P. PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. LUS28–3 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO P.T. 2 X 8 No.2 S.Y.P. LEDGER BOARD CONNECTIONS ATTACH W/ A TOTAL OF 10 – 16d COMMON NAILS
	LOCATION OF 3 – PLY BUILT-UP P.T 2 X 10 No.2 S.Y.P. SKEWED OR DIAGONAL PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. HSUR46 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO P.T. 2 X 8 No.2 S.Y.P. LEDGER BOARD CONNECTIONS ATTACH W/ A TOTAL OF 10 – 16d COMMON NAILS, INSTALLING W/ 1 – "WING" OF FASTENER BENT 90° REVERSED TO ALIGN W. CORNER OR DWELLING/LEDGER BOARD(S)
	LOCATION OF 2 – PLY BUILT-UP P.T 2 X 10 No.2 S.Y.P. SKEWED OR DIAGONAL PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. SUR OR L 210–2 (DETERMINED BY LOCATION) BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF SKEWED GIRDERS TO GIRDER CONNECTIONS ATTACH W/ A TOTAL OF 20– 10d X 1 1/2" NAILS COMMON NAILS TO GIRDERS
	LOCATION OF 2 – PLY BUILT-UP P.T 2 X 10 No.2 S.Y.P. PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. U28–2 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF 2–PLY GIRDERS TO LEDGER BOARD CONNECTIONS USE ALL MANUFACTURER REQUIRED NAILS FOR CONNECTIONS
LEDGER BOARD	LOCATION OF P.T. 2 X 8 No.2 S.Y.P. LEDGER BOARD – SEE PLAN VIEW FOR LOCATIONS LEDGER BOARD SHALL BE ATTACHED TO PERIMETER CMU STEM WALL W/ GALV. STEEL THRU BOLTS W/ GALV. WASHERS & A MINIMUM EMBEDMENT IN CMU STEM WALL LINTEL COURSE OF 3" W/ BOLTS STAGGERED VERTICALLY & A MAXIMUM SPACING OF 24" O.C.
DECKING	LOCATION OF P.T. 2 X 6 No.2 S.Y.P. DECKING BOARDS – SEE PLAN VIEW FOR LOCATIONS DECKING BOARDS SHALL BE INSTALLED W/ 1/4" SPACING AND SHALL BE ATTACHED TO EACH JOISTS/LEDGER BOARD, BAND JOIST & GIRDER W/ A MINIMUM OF 3 – 10d GALV. STEEL ANNULAR RING NAILS EQUALLY SPACED ACROSS THE WIDTH OF BOARD
COLUMNS	LOCATION OF P.T. 6 X 6 No.2 S.Y.P. COLUMNS – SEE PLAN VIEW FOR LOCATIONS 1 – MODEL No. PA51 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH COLUMNS TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS
	NOTE: COLUMNS @ CARPORT ROOF SUPPORT REQUIRE 2 – MODEL No. PA51 BY SIMPSON STRONG-TIE OR EQUAL @ EACH BEARING POINT OF PORCH COLUMNS TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS SEE ALSO FOUNDATION DETAILS & SECTIONS FOR O.S. P.T. COLUMNS @ CARPORT
STAIRS	LOCATION OF P.T. 2 X 12 STAIR STRINGERS – SEE STAIR DETAILS ELSEWHERE THESE PLANS 1 – MODEL No. LSSU210 BY SIMPSON STRONG-TIE OR EQUAL @ EACH 4 X 12 D.F. 12 STAIR STRINGER TO MULTIPLE FLOOR TRUSS GIRDER CONNECTIONS ATTACH W/ 14 – 16d COMMON NAILS TO GIRDER CONNECTIONS & 12 – 10d X 1 1/2" NAILS TO STAIR STRINGER(S)
STAIRS	LOCATION OF P.T. 2 X 12 STAIR STRINGERS – SEE STAIR DETAILS ELSEWHERE THESE PLANS 1 – MODEL No. LSSU210 BY SIMPSON STRONG-TIE OR EQUAL @ EACH 4 X 12 D.F. 12 STAIR STRINGER TO MULTIPLE FLOOR TRUSS GIRDER CONNECTIONS ATTACH W/ 14 – 16d COMMON NAILS TO GIRDER CONNECTIONS & 12 – 10d X 1 1/2" NAILS TO STAIR STRINGER(S)
NOTES	CONTRACTOR SHALL COORDINATE W/ REQUIRED DEVICES @ WALLS – SEE SECTIONS & DETAILS

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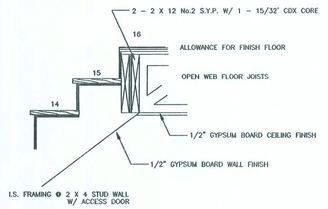
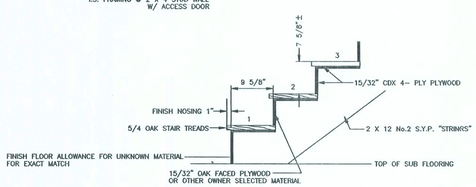
BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

DIMENSIONED FLOOR SYSTEM PLAN VIEW
MISC. NOTES, REFERENCES & INSTRUCTIONS

PROJECT No. BOWMAN-S1.2.0.DWG
DRAWN BY:
DATE 10/15/07
SHEET No. S1.2.0

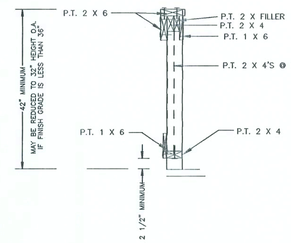
NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTEGRITY OF THIS PROJECT.



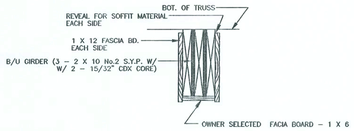


PROPOSED STAIR SECTION
SCALE: N.T.S.

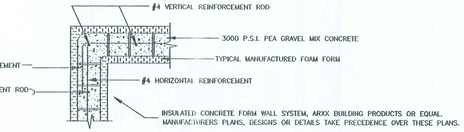
PORCH SIDE



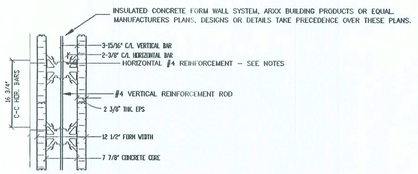
1D S1.1.0 PORCH RAIL, TYPICAL
SCALE: N.T.S.



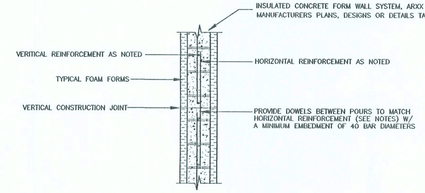
1C S2.0.0 SUGGESTED GIRDER FASCIA DETAILS
SCALE: N.T.S.



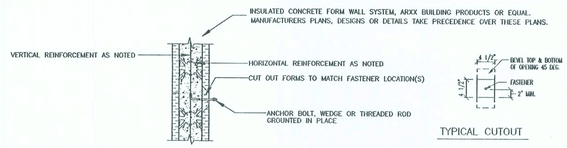
SECTION THROUGH TYPICAL CORNER
SCALE: N.T.S.



SECTION THROUGH TYPICAL ROD LOCATION
SCALE: N.T.S.

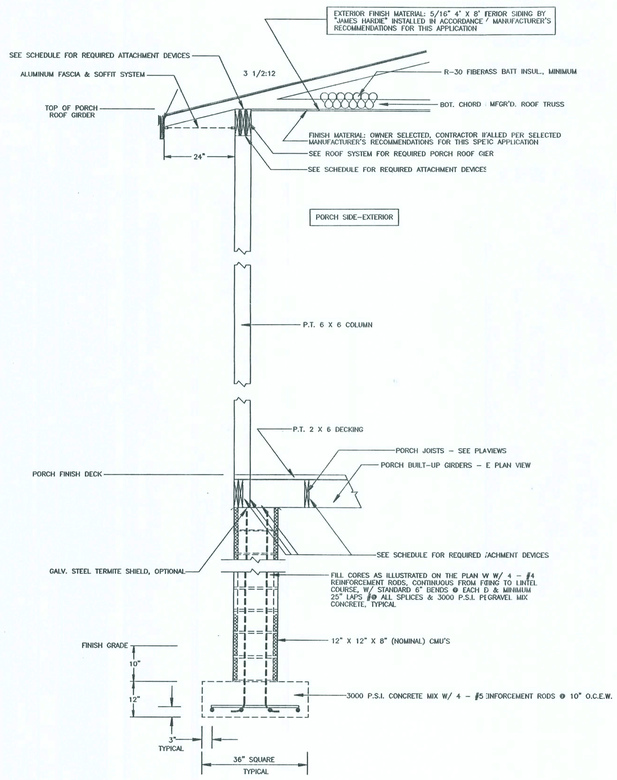


SECTION THROUGH VERTICAL CONST. JOINT
SCALE: N.T.S.

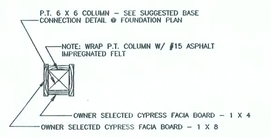


TYPICAL CUTOUT

SECTION THROUGH WALL MTD. FIXTURE
SCALE: N.T.S.

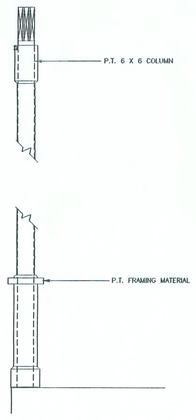


1 S2.0.0 SECTION THROUGH TYPICAL PORCH PIERS
SCALE: N.T.S.



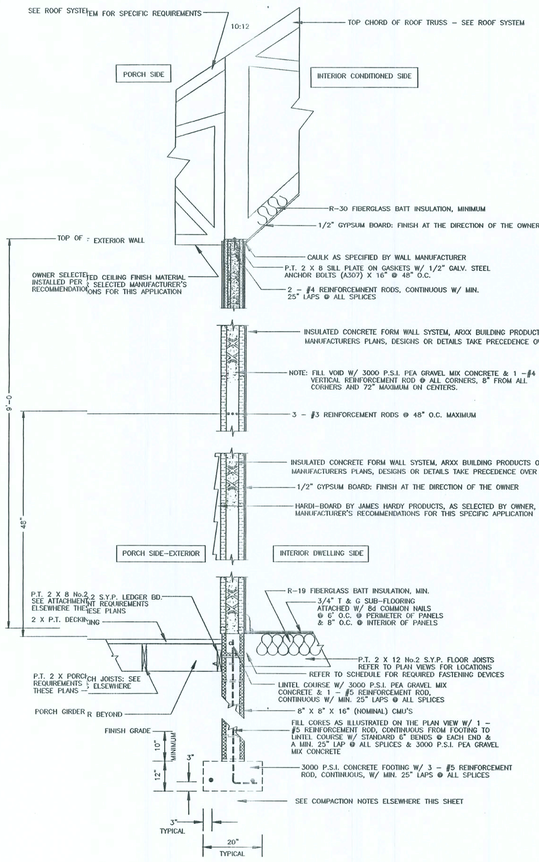
NOTE: SEE OPTIONAL COLUMN BELOW FOR SUGGESTED ELEVATION TREATMENT OF COLUMNS

1B S2.0.0 SUGGESTED COLUMN FASCIA DETAILS



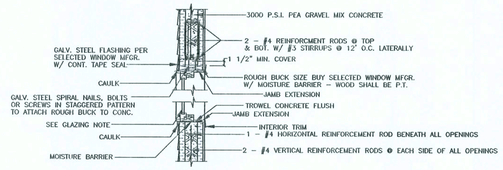
OPTIONAL TREATMENT @ EXTERIOR COLUMNS

1A S2.0.0 SECTION THROUGH EXTERIOR COLUMN FINISH TREATMENT(S)
SCALE: N.T.S.



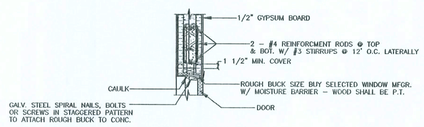
2 S2.0.0 SECTION THROUGH TYPICAL EXTERIOR BEARING
SCALE: N.T.S.

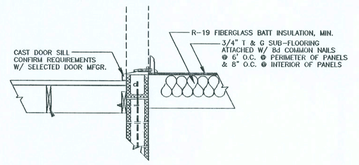
OWNER SELECTED WINDOW – DOUBLE GLAZED, SINGLE HUNG ALUMINUM FRAMED OR OTHER OWNER SELECTED MATERIAL NOTE SPECIFIC REQUIREMENTS REGARDING TEMPERED CONDITIONS & SIZES., LOCATIONS ON THE FLOOR PLAN



NOTE: REFER TO SPECIFIC REQUIREMENTS FOR PARTICULAR WINDOW & GLAZING OPTIONS BY OWNER APPROVED MANUFACTURER FOR R.O. SIZES & DETAILS FOR INSTALLATION, CARE & USE, AND WARRANTY INFORMATION FOR THE PARTICULAR PRODUCT(S) SUGGESTED IN THESE DRAWINGS

SECTION THROUGH WINDOW EXTERIOR OPENINGS





SECTION THROUGH DOOR EXTERIOR OPENINGS

3 S2.0.0 SECTION THROUGH TYPICAL EXTERIOR OPENINGS

SCALE NOTE:
SECTIONS & DETAILS: N.T.S.

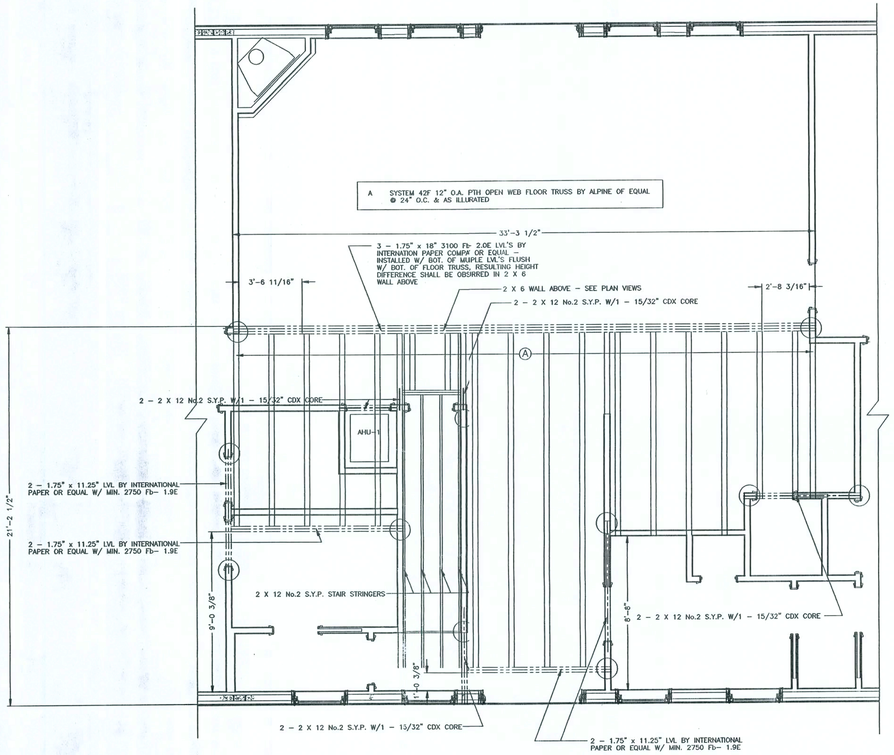
KEEN ENGINEERING & SURVEYING, INC.
9263 CR 417
LIVE OAK, FLORIDA 32060
386-362-4757
C.A. #: EB 3751

BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

REFERENCED SECTIONS & DETAILS
MISC. NOTES, REFERENCES & INSTRUCTIONS

PROJECT No.: BOWMAN-BUILDING
DRAWN BY:
DATE: 10/15/07
SHEET No.: S2.0.0

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTEGRITY OF THIS PROJECT.



NOTE: CONTRACTOR SHALL COORDINATW/ LOCATED BEARING POINTS NOTED ABOVE BY CIRCULAR AREA(S) & INDEPENDIT CMU PIERS (SEE FOUNDATION PLAN VIEWS) TO ENSURE CONTINUOUS LOAD BEAING AREAS WITHIN WALLS SHALL BE SOLID AND CONTINUOUS STUDS.

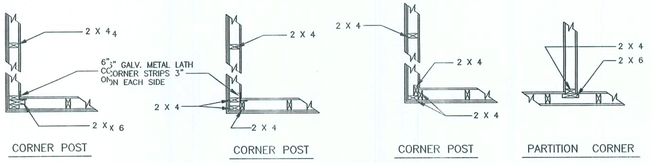
2 – 2 X 12 No.2 S.Y.P. W/ 1- 15/32' CDX CORE REQUIRES A MINIMUM OF 4 – CONTINUOUS STUDS

2 – 1.75" X 11.25' LVL REQUCS A MINIMUM OF 5 – CONTINUOUS STUDS

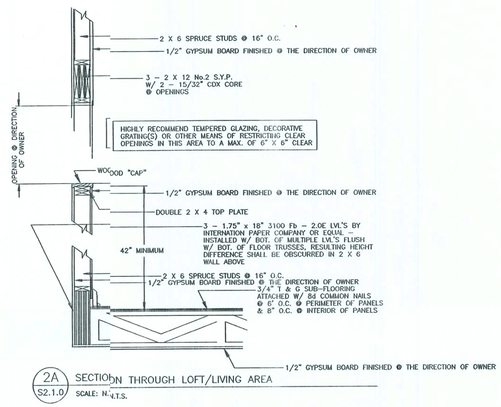
3 – 1.75" X 18" LVL REQUIREA MINIMUM OF 6 – CONTINUOUS STUDS

1 / S2.1.0 LOFTED AREA FLOOR SYSTEM
SCALE: 1/4" = 1'-0

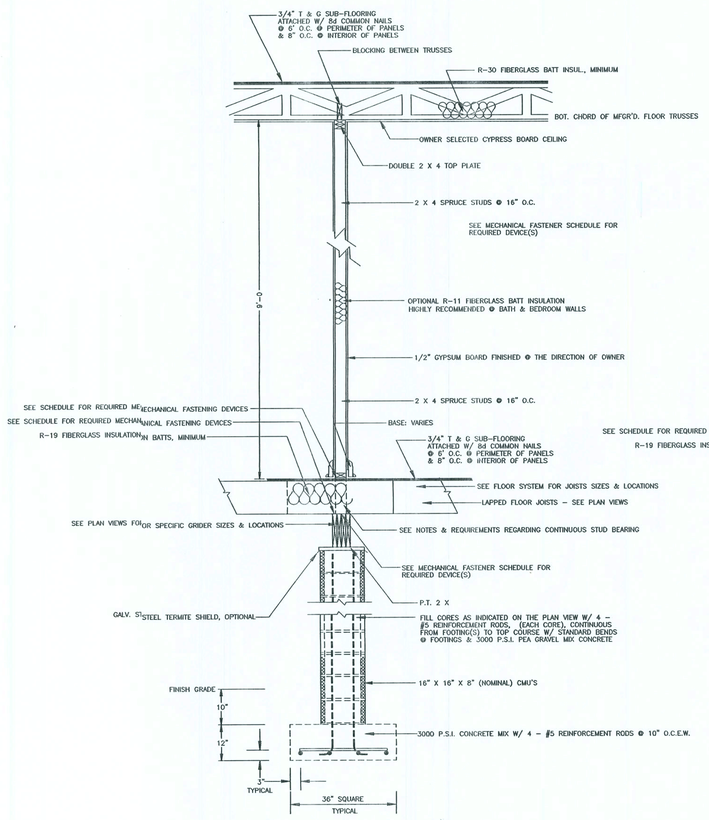
	SCHEDULE OF REQUIRED LOFTED AREA FLOOR SYSTEMCONNECTION DEVICES
FLOOR TRUSSES	LOCATION OF 12" O.A. DEPTH FLOOR TRUSSES, SYSTEM 42F BY ALPINE OR EQUAL: – SEE PLAVIEWS 1 – MODEL No. H5S26 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTILD FLOOR TRUSS TO 3 – 1.75" X 18" LVL GIRDER CONNECTIONS ATTACH W/ 10 – 16d COMMON NAILS TO MULTI –LVL GIRDER & W/ 4 – 16d COMMON LS TO MANUFACTURED FLOOR TRUSS 1 – MODEL No. H4 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURELOOR TRUSS TO TOP PLATES CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO TOP PLATES & 4 – 8d COMMON NAILS TO BOT. JSS CHORD 1 – MODEL No. LBV412 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO 2 – 2 X 12 W/ 1 – 15/32 CDX CORE GIRDERS CONNECTIONS ATTACH W/ A TOTAL OF 6 – 16d COMM NAILS TO GIRDER & W/ 2 – 10d X 1 1/2" NA TO TRUSS CHORD(S) 1 – MODEL No. MLUW411 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO 2 – 1.75" X 12" LVL GIRDER CONNECTIONS ATTACH W/ 16 – 16d COMMON NAILS TO MULTI –LVL GIRDER & W/ 2 10d X 1 1/2" NS TO MANUFACTURED FLOOR TRUSS
GIRDERS	LOCATION OF 3 – 1.75" X 18" 3100 Fb – 2.0E LVL BY INTERNATIONAL PAPER COMPANY OR UAL: – SEE PLAN VIEWS 1 – MODEL No. H4 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURELOOR TRUSS TO TOP PLATES CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO TOP PLATES & 4 – 8d COMMON NAILS TO BOT. JSS CHORD NOTE: A MINIMUM OF 6 – CONTINUOUS STUDS SHALL BE PROVIDED BENEATALL BEARINGS DIRECTLY TO TOP OF CMU PIERS (BENEATH FIRST LEVEL FLOOR SYSTEM)
	LOCATION OF 2 – 1.75" X 11.25" 2700 Fb – 1.9E LVL BY INTERNATIONAL PAPER COMPANY OEQUAL: – SEE PLAN VIEWS 1 – MODEL No. H4 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURELOOR TRUSS TO TOP PLATES CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO TOP PLATES & 4 – 8d COMMON NAILS TO BOT. JSS CHORD NOTE: A MINIMUM OF 5 – CONTINUOUS STUDS SHALL BE PROVIDED BENEATALL BEARINGS DIRECTLY TO TOP OF CMU PIERS (BENEATH FIRST LEVEL FLOOR SYSTEM) 1 – MODEL No. MLUW411 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF LVL GRE TO LVL GIRDER CONNECTIONS ATTACH W/ 16 – 16d COMMON NAILS TO MULTI –LVL GIRDER & W/ 2 10d X 1 1/2" NS TO MULTI–LVL GIRDER CONNECTIONS
	LOCATION OF 2 – 2 X 12 No.2 S.Y.P. W/ 1 – 15/32" CDX CORE GIRDERS: – SEE PLAN VIE 1 – MODEL No. H4 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURELOOR TRUSS TO TOP PLATES CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO TOP PLATES & 4 – 8d COMMON NAILS TO BOT. JSS CHORD NOTE: A MINIMUM OF 3 – CONTINUOUS STUDS SHALL BE PROVIDED BENEATALL BEARINGS DIRECTLY TO TOP OF CMU PIERS (BENEATH FIRST LEVEL FLOOR SYSTEM)
STAIRS	LOCATION OF P.T. 2 X 12 STAIR STRINGERS – SEE STAIR DETAILS ELSEWHERE ESE PLANS 1 – MODEL No. LSSU210 BY SIMPSON STRONG–TIE OR EQUAL @ EACH 4.12 D.F. 12 STAIR STRINGER TO MULTIPLE FLOOR TRUSS GIRDER CONNECTIONS ATTACH W/ 14 – 16d COMMON NAILS TO GIRDER CONNECTIONS & 12 – 10 X 1 1/2" NAILS TO STAIR STRINGER(S)
NOTES	CONTRACTOR SHALL COORDINATE W/ REQUIRED DEVICES @ WALLS – SEE SECTIS & DETAILS



2 / S2.1.0 SUGGESTED FRAMING TECHNIQUES @ INTERIOR CORNERS
SCALE: N.T.S.

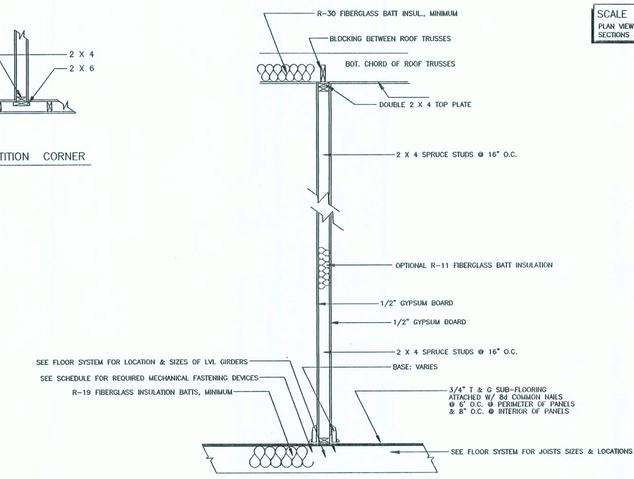


2A / S2.1.0 SECTION THROUGH LOFT/LIVING AREA
SCALE: N.T.S.



4 / S2.1.0 SECTION THROUGH TYPICAL INTERIOR CMU PIERS
SCALE: N.T.S.

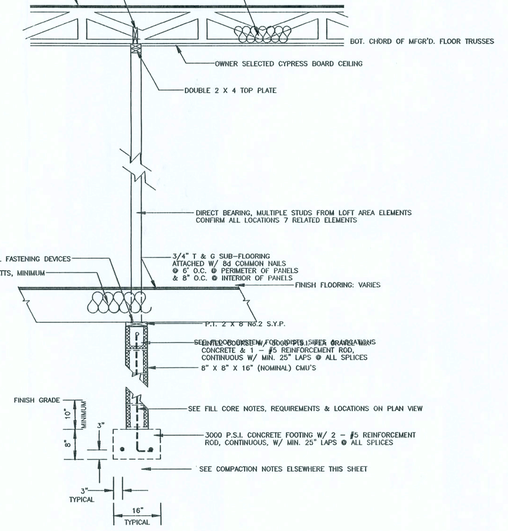
TYPICAL @ INTERIOR OF CONDITIONED AREA



3 / S2.1.0 SECTION THROUGH NON – BEARING PARTITION WALL(S), TYPICAL
SCALE: N.T.S.

FASTENING SCHEDULES:

CONNECTION	FASTENER	NUMBER OR SPACING
TOP OR SOLE PLATE TO STUD, END NAILED	16d COMMON	2
STUD TO SOLE PLATE, TOE NAIL	8d COMMON	4
DOUBLED STUDS, FACE NAIL	10d COMMON	24" O.C.
DOUBLED TOP PLATES, FACE NAIL	10d COMMON	16" O.C.
TOP PLATES, LAP AND INTERSECTIONS FACE NAIL		2–16d OR 3–10d COMMON
CONTINUOUS HEADER, TWO PIECES	16d COMMON	16" O.C. ALONG EACH EDGE
CEILING JOISTS TO PLATE, TOE NAIL	8d COMMON	3
CONTINOUS HEADER TO STUD, TOE NAIL	8d COMMON	3
BUILT UP CORNER STUDS	16d COMMON	24" O.C.
BUILT UP GIRDERS & BEAMS, OF THREE MEMBERS	20d COMMON	32" O.C. AT TOP & BOITOM & STAGGERED 2 ENDS & EACH SPLICE
STUDS TO SOLE PLATE, END NAIL	16d COMMON	2 EACH END
GYPSUM WALLBOARD, 1/2"	1 3/8" DRYWALL NAIL	7" O.C. ON CEILINGS 8" O.C. ON WALLS



5 / S2.1.0 SECTION THROUGH CONTINUOUS BEARING
SCALE: N.T.S.

SEE NOTES & REQUIREMENTS FOR LOCATIONS

SCALE NOTE:
PLAN VIEWS: 1/4" = 1'-0
SECTIONS & DETAILS: N.T.S.

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ENG. LIC. EB 3761

BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

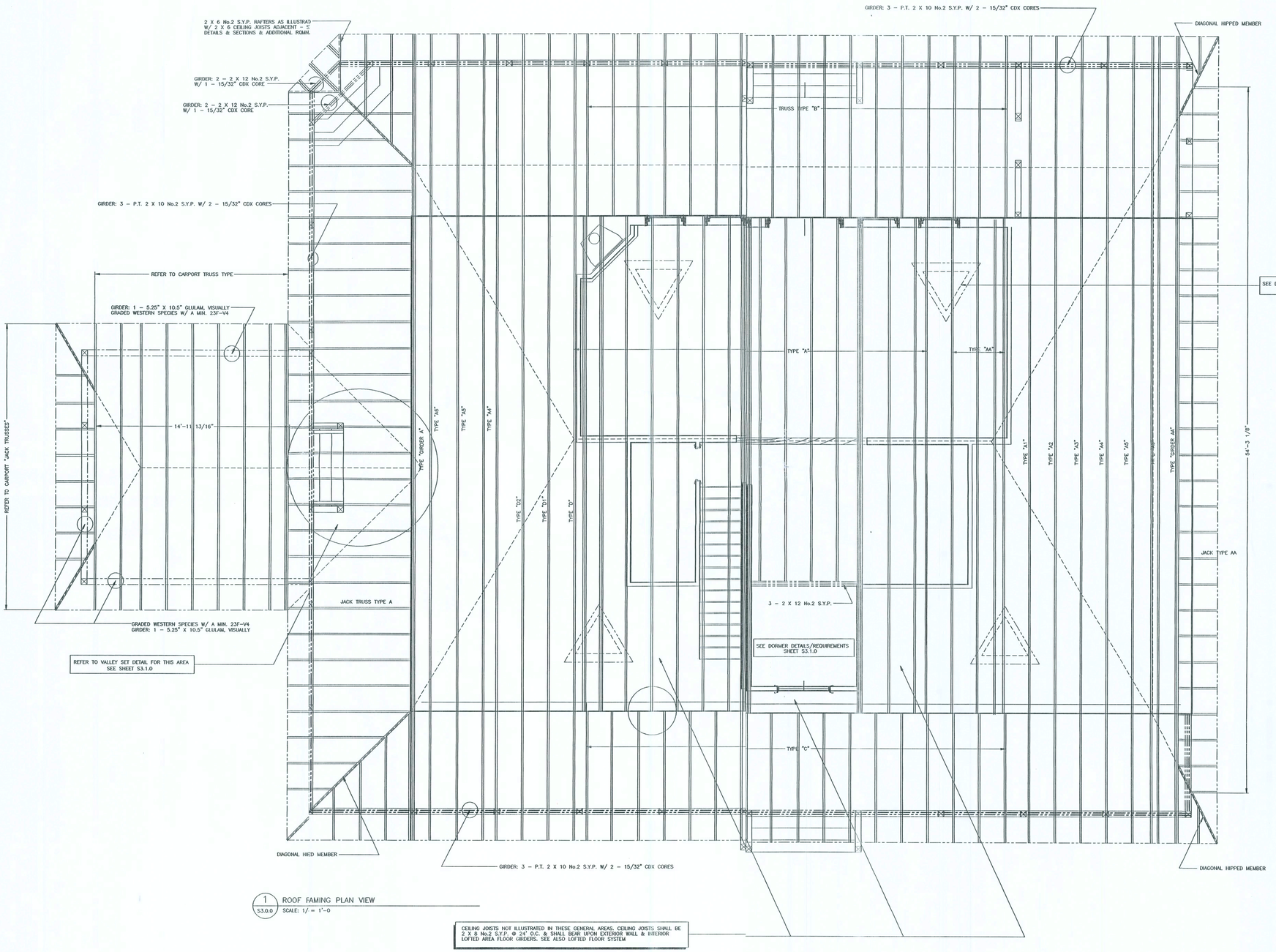
DIMENSIONED FLOOR SYSTEM PLAN VIEW
REFERENCED SECTIONS & DETAILS
MISC. NOTES, REFERENCES & INSTRUCTIONS

PROJECT No.	DRAWN BY:	DATE
BOWMAN–S2.1.0.DWG		10/15/07
SHEET No. S2.1.0		

Curtis Keen 12/18/07

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTGRITY OF THIS PROJECT.

SCALE NOTE:
PLAN VIEW: 1/4" = 1'-0



1 S3.0.0 ROOF FAMING PLAN VIEW
SCALE: 1/ = 1'-0

CEILING JOISTS NOT ILLUSTRATED IN THESE GENERAL AREAS. CEILING JOISTS SHALL BE 2 X 6 No.2 S.Y.P. @ 24" O.C. & SHALL BEAR UPON EXTERIOR WALL & INTERIOR LOFTED AREA FLOOR GIRDERS. SEE ALSO LOFTED FLOOR SYSTEM

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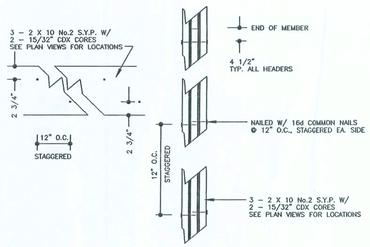
BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

ROOF SYSTEM PLAN VIEW
MISC. NOTES, REFERENCES & INSTRUCTIONS

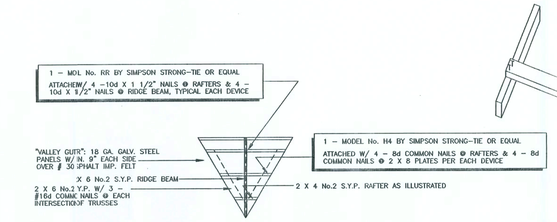
PROJECT No. BOWMAN-S3.0.0.DWG
DRAWN BY:
SHEET No. S3.0.0
DATE 10/15/07

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURCY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SHL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTGRITY OF THIS PROJET.

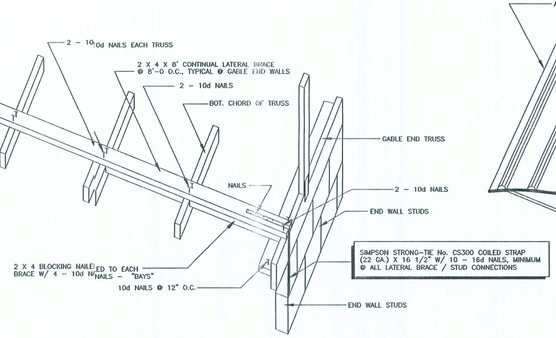
SCALE NOTE:
SECTIONS & DETAILS: N.T.S.



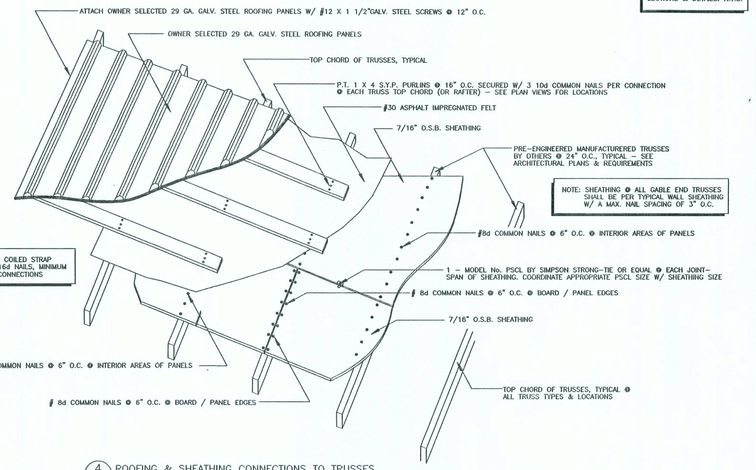
1 S3.1.0 TYPIICAL PORCH GIRDER
N.T.S.



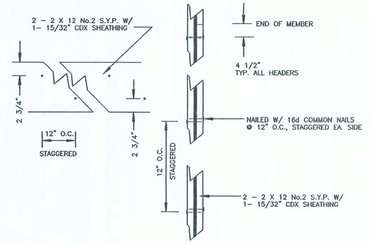
2 S3.1.0 LIGHTED DORMER FRAMING



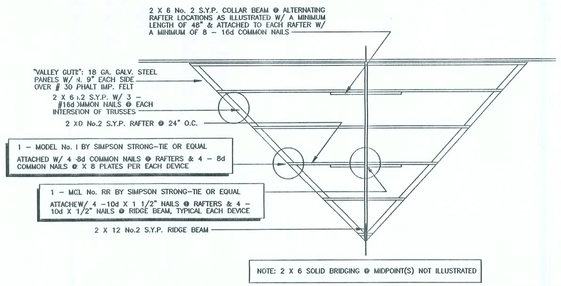
3 S3.1.0 CEILING CONNECTION



4 S3.0.0 ROOFING & SHEATHING CONNECTIONS TO TRUSSES
APPLICABLE TO DWELLING TRUSS ROOF SYSTEM



1A S3.1.0 DOOR / WINDOW HEADER

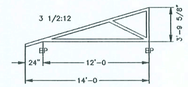


2A S3.1.0 VALLET SET DETAIL @ CARPORT AREA

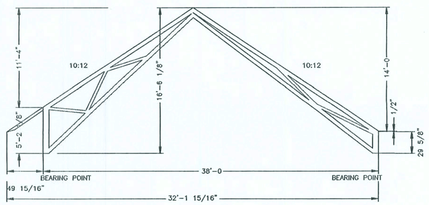
NOTE: INTERIOR & GABLE END TRUSSES TO BE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA AS SATISFACTORY FOR THIS APPLICATION ACCORDING TO THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE FLORIDA BUILDING CODE. DRAWING(S) (IF ANY) DEPICTED ARE INTENDED FOR INFORMATION REGARDING REQUIRED SPAN, BEARING POINTS, OVERHANGS AND PITCH OF TOP CHORD MEMBERS. THEY ARE NOT INTENDED TO ACCURATELY REFLECT OR REPRESENT WEBBING, CHORD MEMBER SIZES OR PLATED CONNECTIONS.

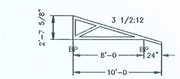
NOTE: MANUFACTURER TO SPECIFY ALL BRACING, HANDELING & INSTALLATION PRACTICES TO ENSURE PROPER STRUCTURAL INTEGRITY OF INSTALLED TRUSSES.

TRUSS PROFILES ILLUSTRATED ARE REPRESENTATIVE OF THE SPECIFIC REQUIREMENTS AS NOTED. SELECTED PROFILES ARE INTENDED FOR THE MANUFACTURER AS A GUIDELINE FOR DIMENSIONS. SELECTED MANUFACTURER SHALL SUBMIT FINAL DRAWINGS AND PROFILES TO ENGINEER FOR APPROVAL & EVALUATION PRIOR TO CONSTRUCTION TO CONFIRM ALL LISTED MECHANICAL DEVICES AND SUITABILITY FOR THIS SPECIFIC PROJECT.



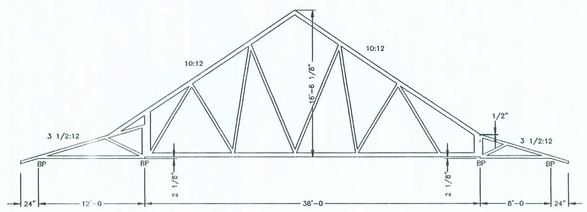
5B S3.1.0 TRUSS PROFILE TYPE "B"



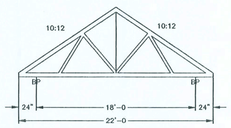


5C S3.1.0 TRUSS PROFILE TYPE "C"

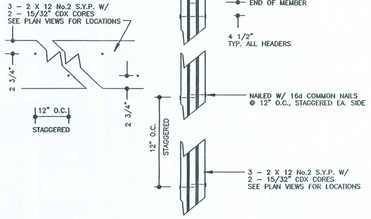
5A S3.1.0 TRUSS PROFILE TYPE "A"



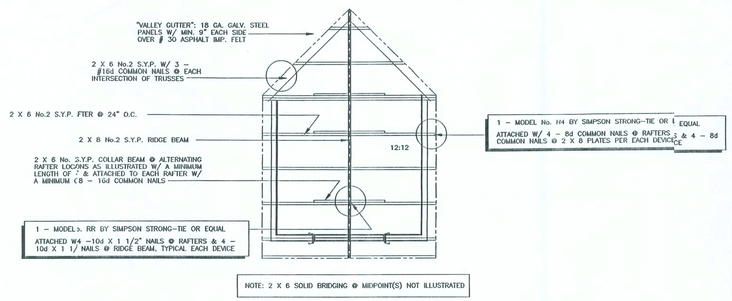
5D S3.1.0 TRUSS PROFILE TYPE "D"



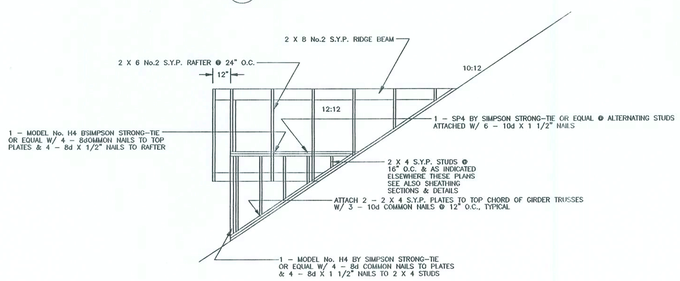
5E S3.1.0 CARPOT TRUSS PROFILE



1B S3.1.0 GIRDER
N.T.S.



2B S3.1.0 LARGE DORMER FRAMING PLAN



NOTE: REFER TO EXTERIOR FINISH ELEVATIONS

2C S3.1.0 LARGE DORMER ELEVATION FRAMING

KEEN ENGINEERING & SURVEYING, INC.
LIVE OAK, FLORIDA 32060
386–362–4787
ENG. LIC. EB 3761
9263 CR 417

BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

REFERENCED ROOF SYSTEM DETAILS, PROJECTED VIEWS & SECTIONS
MISC. NOTES, REFERENCES & INSTRUCTIONS

PROJECT No.	DRAWN BY:
BOWMAN–S3.1.0.DWG	
SHEET No.	DATE
S3.1.0	10/15/07

NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTGRITY OF THIS PROJECT.

GENERAL:

ALL STRUCTURAL MATERIAL MUST SATISFY THE MINIMUM REQUIREMENTS OF THE STANDARD BUILDING CODE ASEFERENCED TO PERTINENT GRADE(S) IN DESIGN DATA.

ALL WOOD EXPOSED TO WEATHER SHALL BE PRESSURE TREATED OR RECEIVE A MANUALLY APPLIED PRESERVAE OR COATING.

ALL FASTENERS EXPOSED TO WEATHER TO BE HOT – DIPPED GALVANIZED.

ALL WOOD IN CONTACT WITH MASONRY SURFACES OR SOIL TO BE PRESSURE TREATED.

ALL CONSTRUCTION MATERIALS AND INSTALLATION OF SAME MUST SATISFY THE MINIMUM REQUIREMENTS FOR RIDENTIAL PRESCRIPTIVE COMPLIANCE OF THE FLORIDA ENERGY EFFICIENCY CODE.

SUBGRADE TO BE CLEARED AND GRUBBED TO A 5'-0 MINIMUM BEYOND THE BUILDING OUTLINE. THE EXPOSEAREA IS TO BE CLEANED OF ALL ORGANIC MATERIAL AND COMPACTED TO 95% OF THE MODIFIED PROCTOR AND OPTIMUM MOURE. ANY FILL MUST BE SUITABLE, CLEAN, GRANULAR SOIL, PLACED IN LIFTS NO GREATER THAN ONE FOOT AND COMPACTEDS PREVIOUSLY DESCRIBED.

ALL GLAZING PANELS OF LESS THAN 10 SQUARE FEET TO BE MIN. 1/8" THICK. PANELS GREATER THAN 10 SIARE FEET TO BE 3/16" THICK, MINIMUM.
EACH SLEEP ROOM TO BE EQUIPED WITH AT LEAST ONE EMERGENCY EGRESS WINDOW OF NOT LESS THAN 5.SQUARE FEET CLEAR OPENING WITH A MAXIMUM SILL HEIGHT OF 44", W/ A CLEAR WIDTH OF 20" & A CLEAR HEIGHT OF 2
ALL OWNER SELECTED WINDOWS TO MEET THE "TEMPERED" REQUIREMENTS OF THE MOST CURRENT EDITION OTHE STANDARD BUILDING CODE.

FOUNDATION NOTES, REQUIREMENTS & INSTRUCTIONS

MASONRY UNITS	ALL MASONRY UNITS DESCRIBED AS 8" X 8" X 16" CMU'S SHALL BE HOLLOW CONCRETE UNITS IN ACCORDANCE W/ ASTM CO OR C 145 AND SHALL HAVE A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 P.S.I. MASONRY FOUNDATION STEM WALLS SHALL BE RUNNING BOND CONSTRUCTION.
MORTAR	ALL MORTAR SHALL BE EITHER TYPE M OR S IN ACCORDANCE W/ ASTM-C 270. ALL GROUT SHALL HAVE A MINIMUM COARSE AGGREGATE SIZE OF 3/8" PLACED A AN 8 TO 11 INCH SLUMP AND HAVE A MINUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I. @ 28 DAYS WHEN TESTED IN ACCORDANCE W/ ASTM C 1019, OR SHALL BE IN ACCORDANCE W/ ASTM C 476. ALL CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I. @ 28 DAYS. ALL MORTAR JOINTS FOR HOLLOW UNIT MASONRY SHALL EXTEND THE FULL WIDTH OF FACE SHELLS. ALL BED JOINTS SHALL BE 3/8 INCH THICK. HEAD JOINTS SHALL BE 3/8 INCH THICK THE BED JOINT OF THE STARTING COURSE PLACED OVER FOOTINGS SHALL BE PERMITTED TO VARY IN THICKNESS FROM A MIMUM OF 1/4" TO A MAXIMUM OF 3/4".
REINFORCING STEEL	REINFORCING STEEL SHALL BE #5 UNLESS OTHERWISE NOTED. ALL REINFORCING STEEL SHALL BE A MINIMUM OF GRADE 40 AND IDENTIFIED IN ACCORDANCE W/ ASTM A 615, A 616, A 61 OR A 706. SPLICES SHALL BE LAP SPLICES W/ A MINIMUM LAP OF 25" FOR #5 REINFORCEMENT BARS. FOR MINIMUM COVER OVER FOUNDATION REINFORCEMENT – SEE DETAILS & SECTIONS THIS SHEET ALL REINFORCEMENT IN CMU'S IS TO EXTEND A MINIMUM OF 6" INTO ALL FOOTINGS W/ A STANDARD BEND OF 6"
METAL ACCESSORIES	ALL JOINT REINFORCEMENT & ANCHOR TIES SHALL CONFORM TO ASTM A 82, ASTM A 36, & ASTM A 366 AS REQUIRED. LONGITUDINAL WIRES OF JOINT REINFORCEMENT SHALL BE FULLY EMBEDDED IN MORTAR OR GROUT WITH A MINIMUM COVER 05/8 INCH WHEN EXPOSED TO EARTH OR WEATHER. AND A MINIMUM OF 1/2 INCH WHEN NOT EXPOSED TO EARTH OR WEATHER. METAL ACCESSORIES USED IN EXTERIOR WALL CONSTRUCTION (NOT DIRECTLY EXPOSED TO WEATHER) SHALL BE GALVANIZED INCCORDANCE W/ ASTM A 153, CLASS B–2. METAL ACCESSORIES FOR USE IN INTERIOR WALL CONSTRUCTION SHALL BE MILL GALVANIZED IN ACCORDANCE W/ ASTM A 641CLASS 1.
FILL COMPACTION	PRIOR TO GRADING OPERATIONS ALL SOIL, ORGANIC LITTER AND FILL SHALL BE STRIPPED FROM THE BUILDING AREA. COMPACTION SHALL NOT BE LESS THAN 98% OF THE STANDARD PROCTOR DENSITY. ALL FILL MATERIAL SHALL BE INORGANIC W/ NOT MORE THAN 30% BY WEIGHT FINER THAN No. 200 U.S. STANDARD SIEVE CFORMING TO THE FOLLOWING: A. LIQUID LIMIT, LW ..... 30 MAXIMUM B. ELASTICITY, LW – 15, MAXIMUM C. DRY UNIT WEIGHT..... 100 LBS. PER CU. FT. ALL FILL MATERIAL SHALL BE UNIFORMLY PLACED AT OPTIMUM MOISTURE CONTENT IN 6 INCH UNIFORM LAYERS AND COMPACT TO A DENSITY OF 98% OF THE STANDARD PROCTER AND IN ACCORDANCE W/ ASTM D 698T. FOOTINGS EXCAVATIONS SHALL BE INSPECTED BEFORE PLACING ANY CONCRETE TO ENSURE THAT FOOTINGS SHALL REST ON SIND EARTH. ALL SUB GRADES MUST BE ACCURATE WITHIN 1/4 INCH OF THE DESIGNATED LEVEL. SUB GRADE MUST BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY. ANY WALL WHICH IS TO RECEIVE BACK FILL ON BOTH SIDES SHALL HAVE THE BACK FILL PLACED SIMULTANEOUSLY ON BOTH DES IN EVEN LAYERS AS PREVIOUSLY DESCRIBED SO AS NOT TO APPLY UNEVEN LOADS.
GENERAL	FOOTINGS SHALL BE LEVEL OR STEPPED AS INDICATED ON THE PLAN VIEWS & DETAILED ELSEWHERE THIS SHEET SOIL, WASTE PIPES OR BUILDING DRAINS PASSING UNDER A FOOTING OR THROUGH A FOUNDATION STEM WALL SHALL BE PROIDED W/ A RELIEVING ARCH OR AN IRON PIPE SLEEVE A MINIMUM OF TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH. STEM WALLS SHALL EXTEND NO GREATER THAN 3 FEET ABOVE THE FINISH GRADE AND CONSTRUCTED WITH THE PREVIOUSLY SCRIBED MASONRY UNITS. ALL STATE & LOCAL CODES SHALL BE COMPLIED WITH BY THE CONTRACTOR. 2000 P.S.F. SOIL BEARING PRESSURE SHALL BE OBTAINED UNDER ALL FOOTINGS & SLABS.

FASTENING SCHEDULES:

CONNECTION	FASTENER	NUMBER OR SPACING
TOP OR SOLE PLATE TO STUD, END NAILED	16d COMMON	2
STUD TO SOLE PLATE, TOE NAIL	8d COMMON	4
DOUBLED STUDS, FACE NAIL	10d COMMON	24" O.C.
DOUBLED TOP PLATES, FACE NAIL	10d COMMON	16" O.C.
TOP PLATES, LAP AND INTERSECTIONS FACE NAIL	——	2–16d OR 3–10d COMMON
CONTINUOUS HEADER, TWO PIECES	16d COMMON	16" O.C. ALONG EACH EDGE
CEILING JOISTS TO PLATE, TOE NAIL	8d COMMON	3
CONTINOUS HEADER TO STUD, TOE NAIL	8d COMMON	3
RAFTER TO PLATE, TOE NAIL	8d COMMON	3
BUILT UP CORNER STUDS	16d COMMON	24" O.C.
BUILT UP GIRDERS & BEAMS, OF THREE MEMBERS	20d COMMON	32" O.C. AT TOP & BOTTOM & STAGGERED
STUDS TO SOLE PLATE, END NAIL	16d COMMON	2 EACH END LINDS & EACH SPLICE
GYPSUM WALLBOARD, 1/2"	1 3/8" DRYWALL NAIL	7" O.C. ON CEILINGS 8" O.C. ON WALLS

SCHEDULE OF REQUIRED LOFTED AREA FLOOR SYSTEM CONNECTION DEVICES

FLOOR TRUSSES	LOCATION OF 12" O.A. DEPTH FLOOR TRUSSES, SYSTEM 42F BY ALPINE OR EQUAL: – SEE PLAN VIEWS 1 – MODEL No. HUS26 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO 3 – 1.75" X 18" LVL GIRDER CONNECTIONS ATTACH W/ 10 – 16d COMMON NAILS TO MULTI –LVL GIRDER & W/ 4 – 16d COMMON NAILS TO MANUFACTURED FLOOR TRUSS 1 – MODEL No. H4 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO TOP PLATES CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO TOP PLATES & 4 – 8d COMMON NAILS TO BOT. TRUSS CHORD 1 – MODEL No. LBH412 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO 2 – 2 X 12 W/ 1 – 15/32 CDX CORE GIRDERS CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO GIRDER & W/ 2 – 10d X 1 1/2" NAILS TO TRUSS CHORD(S) 1 – MODEL No. MUH411 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO 2 – 1.75" X 12" LVL GIRDER CONNECTIONS ATTACH W/ 16 – 16d COMMON NAILS TO MULTI –LVL GIRDER & W/ 2 10d X 1 1/2" NAILS TO MANUFACTURED FLOOR TRUSS
GIRDERS	LOCATION OF 3 – 1.75" X 18" 3100 Fb – 2.0E LVL BY INTERNATIONAL PAPER COMPANY OR EQUAL: – SEE PLAN VIEWS 1 – MODEL No. H4 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO TOP PLATES CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO TOP PLATES & 4 – 8d COMMON NAILS TO BOT. TRUSS CHORD NOTE: A MINIMUM OF 6 – CONTINUOUS STUDS SHALL BE PROVIDED BENEATH ALL BEARINGS DIRECTLY TO TOP OF CMU PIERS (BENEATH FIRST LEVEL FLOOR SYSTEM) LOCATION OF 2 – 1.75" X 11.25" 2700 Fb – 1.9E LVL BY INTERNATIONAL PAPER COMPANY OR EQUIVALENT – SEE PLAN VIEWS 1 – MODEL No. H4 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO TOP PLATES CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO TOP PLATES & 4 – 8d COMMON NAILS TO BOT. TRUSS CHORD NOTE: A MINIMUM OF 5 – CONTINUOUS STUDS SHALL BE PROVIDED BENEATH ALL BEARINGS DIRECTLY TO TOP OF CMU PIERS (BENEATH FIRST LEVEL FLOOR SYSTEM) 1 – MODEL No. MUH411 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF LVL GIRDER TO LVL GIRDER CONNECTIONS ATTACH W/ 16 – 16d COMMON NAILS TO MULTI –LVL GIRDER & W/ 2 10d X 1 1/2" NAILS TO MULTI–LVL GIRDER CONNECTIONS LOCATION OF 2 – 2 X 12 No.2 S.Y.P. W/ 1 – 15/32" CDX CORE GIRDERS: – SEE PLAN VIEWS 1 – MODEL No. H4 BY SIMPSON STRONG–TIE OR EQUAL @ EACH END OF MANUFACTURED FLOOR TRUSS TO TOP PLATES CONNECTIONS ATTACH W/ 4 – 8d COMMON NAILS TO TOP PLATES & 4 – 8d COMMON NAILS TO BOT. TRUSS CHORD NOTE: A MINIMUM OF 3 – CONTINUOUS STUDS SHALL BE PROVIDED BENEATH ALL BEARINGS DIRECTLY TO TOP OF CMU PIERS (BENEATH FIRST LEVEL FLOOR SYSTEM)
STAIRS	LOCATION OF P.T. 2 X 12 STAIR STRINGERS – SEE STAIR DETAILS ELSEWHERE THESE PLANS 1 – MODEL No. LSSU210 BY SIMPSON STRONG–TIE OR EQUAL @ EACH 4 X 12 D.F. 12 STAIR STRINGER TO MULTIPLE FLOOR TRUSS GIRDER CONNECTIONS ATTACH W/ 14 – 16d COMMON NAILS TO GIRDER CONNECTIONS & 12 – 10d X 1 1/2" NAILS TO STAIR STRINGER(S)
NOTES	CONTRACTOR SHALL COORDINATE W/ REQUIRED DEVICES @ WALLS – SEE SECTIONS & DETAILS

SCHEDULE OF REQUIRED PORCH & FLOOR SYSTEM CONNECTION DEVICES

FLOOR JOISTS	LOCATION OF P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS @ 16" O.C. & AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. WM212 TOP MOUNTED HANGER BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TCMU STEM WALL CONNECTIONS ATTACH W/ 2 – 16d DPLX NAILS TO CMU'S AND 2 – 10d X 1 1/2" NAILS TO FLOOR JOISTS 1 – MODEL No. TS18 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT–UP PRESSURE TRTED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS LOCATION OF DOUBLE P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. WM21–2 TOP MOUNTED HANGER BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TCMU STEM WALL CONNECTIONS ATTACH W/ 2 – 16d DPLX NAILS TO CMU'S AND 2 – 10d COMMON NAILS TO FLOOR JOISTS 1 – MODEL No. TS18 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT–UP PRESSURE TRTED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS LOCATION OF SINGLE OR DOUBLE P.T 2 X 12 No.2 S.Y.P. FLOOR JOISTS AS INTERMEDIATE BEARING ON 8" X 8" X 16" CMU (NOM.) INTIOR PIERS 1 – MODEL No. TS18 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF FLOOR JOISTS TO BUILT–UP PRESSURE TRTED GIRDER(S) CONNECTIONS ATTACH W/ A TOTAL OF 14 – 16d COMMON NAILS
P.T. FLOOR GIRDERS	LOCATION OF 5 – OR – 6 PLY BUILT–UP P.T 2 X 12 No.2 S.Y.P. FLOOR GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. META16 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF BUILT–UP FLOOR GIRDER TO CMU STEM ALL PROJECTION OR CMU PIER CONNECTIONS ATTACH W/ 10 – 16d COMMON NAILS TO GIRDER(S)
PORCH JOISTS	LOCATION OF P.T 2 X 10 No.2 S.Y.P. PORCH JOISTS @ 24" O.C. & AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. LU28 FACE MOUNTED HANGER BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH JOISTS TO AND JOISTS OR P.T. BUILT–UP GIRDER CONNECTIONS ATTACH W/ 4– 10d COMMON NAILS TO JOISTS & 6 – 10d COMMON NAILS TO GIRDERS OR BAND JOISTS LOCATION OF SKEWED P.T 2 X 10 No.2 S.Y.P. PORCH JOISTS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. SUR OR SUL210 (AS REQUIRED BY LOCATION) HANGER BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POI OF PORCH JOISTS TO SKEWED. BUILT–UP GIRDERS ATTACH W/ A TOTAL OF 20 – 10d X 1 1/2" NAILS PER MANUFACTURER
PORCH GIRDERS	LOCATION OF 3 – PLY BUILT–UP P.T 2 X 10 No.2 S.Y.P. PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. LUS28–3 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO P.T. 2 X 8 No.2 Y.P. LEDGER BOARD CONNECTIONS ATTACH W/ A TOTAL OF 10 – 16d COMMON NAILS LOCATION OF 3 – PLY BUILT–UP P.T 2 X 10 No.2 S.Y.P. SKEWED OR DIAGONAL PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. HSUR46 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO P.T. 2 X 8 No.2 Y.P. LEDGER BOARD CONNECTIONS ATTACH W/ A TOTAL OF 10 – 16d COMMON NAILS, INSTALLING W/ 1 – "WING" OF FASTENER BENT 90° REVERSED TO ALIGN W. ONER OR DWELLING/LEDGER BOARD(S) LOCATION OF 2 – PLY BUILT–UP P.T 2 X 10 No.2 S.Y.P. SKEWED OR DIAGONAL PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. SUR OR L 210–2 (DETERMINED BY LOCATION) BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF SWED GIRDERS TO GIRDER CONNECTIONS ATTACH W/ A TOTAL OF 20– 10d X 1 1/2" NAILS COMMON NAILS TO GIRDERS LOCATION OF 2 – PLY BUILT–UP P.T 2 X 10 No.2 S.Y.P. PORCH GIRDERS AS ILLUSTRATED ON THE PLAN VIEW 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH GIRDER(S) TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS 1 – MODEL No. U28–2 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF 2–PLY GIRDERS TO LEDGER BOARD CONNTIONS USE ALL MANUFACTURER REQUIRED NAILS FOR CONNECTIONS
LEDGER BOARD	LOCATION OF P.T. 2 X 8 No.2 S.Y.P. LEDGER BOARD – SEE PLAN VIEW FOR LOCATIONS LEDGER BOARD SHALL BE ATTACHED TO PERIMETER CMU STEM WALL W/ GALV. STEEL THRU BOLTS W/ GALV. WASHERS & A MINIMUMEMBEDMENT IN CMU STEM WALL LINTEL COURSE OF 3" W/ BOLTS STAGGERED VERTICALLY & A MAXIMUM SPACING OF 24" O.C.
DECKING	LOCATION OF P.T. 2 X 6 No.2 S.Y.P. DECKING BOARDS – SEE PLAN VIEW FOR LOCATIONS DECKING BOARDS SHALL BE INSTALLED W/ 1/4" SPACING AND SHALL BE ATTACHED TO EACH JOISTS/LEDGER BOARD, BAND JOIST &IRDER W/ A MINIMUM OF 3 – #10d GALV. STEEL ANNULAR RING NAILS EQUALLY SPACED ACROSS THE WIDTH OF BOARD
COLUMNS	LOCATION OF P.T. 6 X 6 No.2 S.Y.P. COLUMNS – SEE PLAN VIEW FOR LOCATIONS 1 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF PORCH COLUMNS TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS NOTE: COLUMNS @ CARPORT ROOF SUPPORT REQUIRE 2 – MODEL No. PA51 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POI OF PORCH COLUMNS TO CMU PIERS CONNECTIONS ATTACH W/ 9– 16d COMMON NAILS TO GIRDERS SEE ALSO FOUNDATION DETAILS & SECTIONS FOR O.S. P.T. COLUMNS @ CARPORT
STAIRS	LOCATION OF P.T. 2 X 12 STAIR STRINGERS – SEE STAIR DETAILS ELSEWHERE THESE PLANS 1 – MODEL No. LSSU210 BY SIMPSON STRONG–TIE OR EQUAL @ EACH 4 X 12 D.F. 12 STAIR STRINGER TO MULTIPLE FLOOR TRUSGIRDER CONNECTIONS ATTACH W/ 14 – 16d COMMON NAILS TO GIRDER CONNECTIONS & 12 – 10d X 1 1/2" NAILS TO STAIR STRINGER(S)
NOTES	CONTRACTOR SHALL COORDINATE W/ REQUIRED DEVICES @ WALLS – SEE SECTIONS & DETAILS

SCHEDULE OF REQUIRED ROOF SYSTEM MECHANICAL FASTENERS

ROOF SYSTEM: GIRDERS, TRUSSES AND RELATED ROOF STRUCTURAL ELEMENTS

No.	
TRUSS TYPE "A"	LOCATION OF MANUFACTURED ROOF TRUSS TYPE "A" HAVING A PITCH OR 10:12 : 1 – PLY TRUSS – SEE PLAN VIEW/LAYOUT FOR LOCATIONS 2 – MODEL No. H10 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO CARPORT GIRDER CONNECTIONS ATTACH DEVICE TO TRUSS W/ 8 – 8d X 1 1/2" NAILS – ATTACH DEVICE TO WALL P.T. PLATE CONNECTIONS W/ 8 – 8d X 1 1/2" NAILS LOCATION OF TRIPLE MANUFACTURED ROOF TRUSS TYPE "A" HAVING A PITCH OR 10:12 : 3 – PLY TRUSS – SEE PLAN VIEW/LAYOUT FOR LOCATIONS 2 – MODEL No. H10 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO CARPORT GIRDER CONNECTIONS ATTACH DEVICE TO TRUSS W/ 8 – 8d X 1 1/2" NAILS – ATTACH DEVICE TO WALL P.T. PLATE CONNECTIONS W/ 8 – 8d X 1 1/2" NAILS
TRUSS TYPE "B"	LOCATION OF MANUFACTURED ROOF TRUSS TYPE "B" HAVING A PITCH OR 3 1/2:12 : 1 – PLY TRUSS – SEE PLAN VIEW/LAYOUT FOR LOCATIONS 1 – MODEL No. H5 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO PORCH GIRDER CONNECTIONS ATTACH DEVICE TO TRUSS W/ 4 – 8d COMMON NAILS – ATTACH DEVICE TO BUILT–UP PORCH ROOF GIRDER CONNECTIONS W/ 4 – 8d COMMON NAILS 2 – MODEL No. A21 (INSTALLED PERPENDICULAR TO BOT. TRUSS CHORD) BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO EXTERIOR WALL COURSE CONNECTIONS. ATTACH EACH DEVICE TO TRUSS W/ 2 – 10d X 1 1/2" NAILS – ATTACH DEVICE TO WALL W/ 2 – 1/8" GALV. STEEL SCREWS W/ GALV. STEEL WASHERS W/ A MINIMUM EMBEDMENT OF 4"
TRUSS TYPE "C"	LOCATION OF MANUFACTURED ROOF TRUSS TYPE "C" HAVING A PITCH OR 3 1/2:12 : 1 – PLY TRUSS – SEE PLAN VIEW/LAYOUT FOR LOCATIONS 1 – MODEL No. H5 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO PORCH GIRDER CONNECTIONS ATTACH DEVICE TO TRUSS W/ 4 – 8d COMMON NAILS – ATTACH DEVICE TO BUILT–UP PORCH ROOF GIRDER CONNECTIONS W/ 4 – 8d COMMON NAILS 2 – MODEL No. A21 (INSTALLED PERPENDICULAR TO BOT. TRUSS CHORD) BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO EXTERIOR WALL COURSE CONNECTIONS. ATTACH EACH DEVICE TO TRUSS W/ 2 – 10d X 1 1/2" NAILS – ATTACH DEVICE TO WALL W/ 2 – 1/8" GALV. STEEL SCREWS W/ GALV. STEEL WASHERS W/ A MINIMUM EMBEDMENT OF 4"
TRUSS TYPE "D"	LOCATION OF MANUFACTURED ROOF TRUSS TYPE "D" HAVING A PITCH OR 3 1/2:12 & 10:12 : 1 – PLY TRUSS – SEE PLAN VIEW/LAYOUT FOR LOCATIONS 1 – MODEL No. H5 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO PORCH GIRDER CONNECTIONS ATTACH DEVICE TO TRUSS W/ 4 – 8d COMMON NAILS – ATTACH DEVICE TO BUILT–UP PORCH ROOF GIRDER CONNECTIONS W/ 4 – 8d COMMON NAILS 1 – MODEL No. H10 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO EXTERIOR WALL P.T. PLATE CONNECTIONS ATTACH DEVICE TO TRUSS W/ 12 – 10d X 1 1/2" NAILS
CARPORT TRUSS "E"	LOCATION OF MANUFACTURED CARPORT ROOF TRUSS : 1 – PLY TRUSS – SEE PLAN VIEW/LAYOUT FOR LOCATIONS 1 – MODEL No. H10 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF TRUSS TO CARPORT GIRDER CONNECTIONS ATTACH DEVICE TO TRUSS W/ 8 – 8d X 1 1/2" NAILS – ATTACH DEVICE TO CARPORT ROOF GIRDER CONNECTIONS W/ 8 – 8d X 1 1/2" NAILS
TRUSS NOTE	NOTE: REMAINDER OF TRUSSES & RELATED MECHANICAL FASTENING DEVICES SHALL BE DETERMINED FOLLOWING SELECTED MANUFACTURER'S SUBMITAL OF DRAWINGS, LAYOUT & RELATED ELEMENTS FOR FINAL EVALUATION.
PORCH GIRDER	GIRDER SHALL BE 3 – 2 X 10 No.2 S.Y.P. W/ 2 – 15/32" CDX CORES 1 – MODEL No. AC6RMAX BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF BUILT–UP GIRDER TO TOP OF P.T. 6 X 6 COLUMN CONNECTIONS – ATTACH DEVICE TO B/U GIRDER & COLUMN W/ 28 – 16d COMMON NAILS
CARPORT GIRDER	GIRDER SHALL BE 1 – 5.25" X 10.5" GLULAM, VISUALLY GRADED WESTERN SPECIES W/ A MIN. 23F–V4 – SEE PLAN VIEWS FOR LOCATIONS 1 – MODEL No. PC66–16 OR EPC66 (BY LOCATION) BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF CARPORT GIRDER TO TOP OF P.T. 6 X 6 COLUMN CONNECTIONS – ATTACH DEVICE W/ A TOTAL OF 16 – 16d COMMON NAILS 1 – MODEL No. HUC612 MAX BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF CARPORT GIRDER TO PORCH GIRDER CONNECTIONS ATTACH DEVICE W/ A TOTAL OF 30 – 16d COMMON NAILS 1 – MODEL No. HUC612 MAX BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF CARPORT GIRDER TO CARPORT GIRDER CONNECTIONS ATTACH DEVICE W/ A TOTAL OF 30 – 16d COMMON NAILS
PORCH COLUMNS	COLUMNS @ PORCH AREA SHALL BE P.T. 6 X 6 MINIMUM – SEE PLAN VIEW FOR LOCATIONS SEE ABOVE DESCRIPTIONS FOR DEVICE(S) REQUIRED AT EACH COLUMN TO B/U PORCH GIRDER CONNECTIONS
CARPORT COLUMNS	COLUMNS @ PORCH AREA SHALL BE P.T. 6 X 6 MINIMUM – SEE PLAN VIEW FOR LOCATIONS SEE ABOVE DESCRIPTIONS FOR DEVICE(S) REQUIRED AT EACH COLUMN TO B/U PORCH GIRDER CONNECTIONS
CARPORT GIRDER	GIRDER SHALL BE 3 – 1.75" X 11.25" VERSA LAM LVL BY BOISE CASCADE OR EQUAL W/ A MIN. 2800 Fb 2.0E – SEE PLAN VIEWS FOR LOCATIONS 1 – MODEL No. CCS.25X9.5 OR ECC5.25X 9.5 BY SIMPSON STRONG–TIE OR EQUAL @ EACH BEARING POINT OF BUILT–UP GIRDER TO TOP OF P.T. 10 X 10 COLUMN CONNECTIONS – ATTACH DEVICE TO MULTIPLE LVL GIRDER & COLUMN W/ ALL BOLTS AS REQUIRED BY MANUFACTURER
CARPORT COLUMNS	COLUMNS @ CARPORT AREA SHALL BE P.T. 10 X 10 MINIMUM – SEE PLAN VIEW FOR LOCATIONS SEE ABOVE DESCRIPTIONS FOR DEVICE(S) REQUIRED AT EACH COLUMN TO MULTIPLE LVL GIRDER CONNECTIONS
NOTES	NOTE: SEE DETAILS ELSEWHERE THESE PLANS FOR ADDITIONAL REQUIREMENTS NOT LISTED HERE

KEEN ENGINEERING & SURVEYING, INC.
9263 CR 417
LIVE OAK, FLORIDA 32060
386–362–4787
ENG. LIC: EB 3761

BOWMAN RESIDENCE
COLUMBIA COUNTY, FLORIDA

SCHEDULES, MISC. NOTES, REFERENCES & INSTRUCTIONS

PROJECT No.: BOWMAN–S3.2.0.DWG
SHEET No.: S3.2.0
DRAWN BY:
DATE: 10/15/07