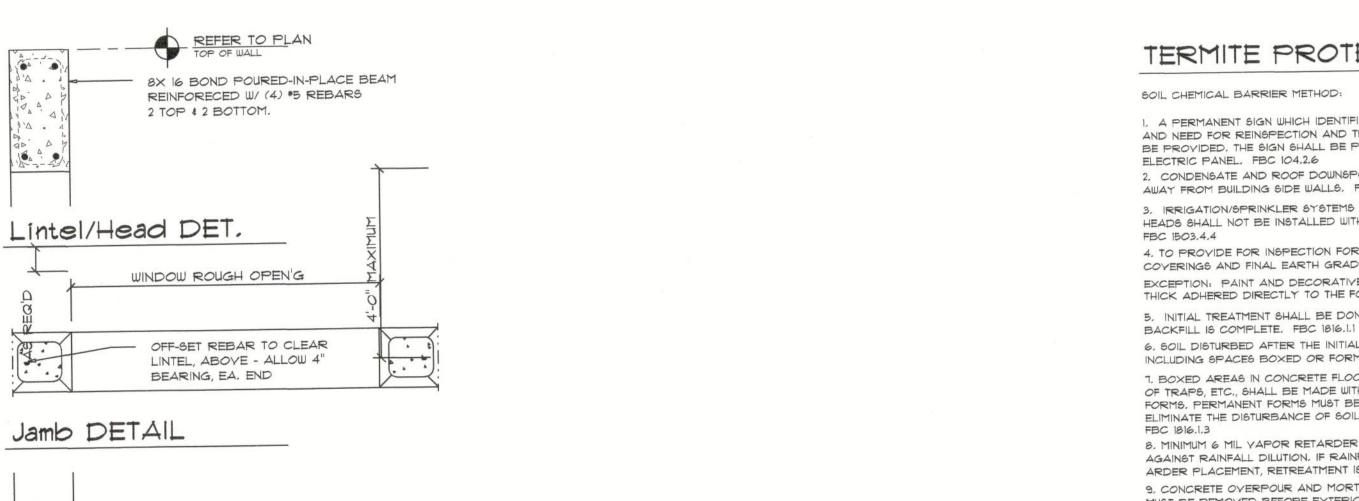
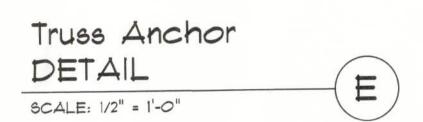
JOB NUMBER 20240601

SHEET NUMBER OF 4 SHEETS



- SIMPSON STRONG TIE HETAL 16 W/ GALY'D TRUSS SEAT



## CONCRETE / MASONRY / METALS GENERAL NOTES:

DESIGN SOIL BEARING PRESSURE: 1,000 PSF.

- 2. 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 PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPAC-TION 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.
- 4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YELLD STRESS = 85 KSI.
- 6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI, STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE-MENT, 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 -
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A301 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

## TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

I. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROYIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED, THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR

2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST I'-O" AWAY FROM BUILDING SIDE WALLS, FBC 1503,4.4

3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-O" FROM BUILDING SIDE WALLS. 4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL

COYERINGS AND FINAL EARTH 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 EXCAYATION AND

6, SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2

1. 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.

8. MINIMUM 6 MIL YAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION, IF RAINFALL OCCURS BEFORE YAPOR RET-ARDER 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'-O" OF THE STRUCTURE SIDEUALLS. FBC 1816.1.6 II. AN EXTERIOR YERTICAL 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 PERCONSTRUCTION TREATMENT. FBC 1816.1.7

13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPART-MENT BY \* 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 CONS-

14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-O" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING

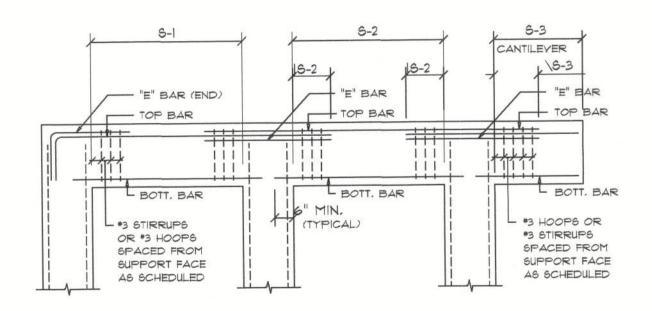
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-O" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

## WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPON-SIBILITY OF THE CONTRACTOR SO ENGAGED, TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE-LINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER 4 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 Nr.2 HEM-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 CON-

BUILDING COMPONENTS & CLADDING LOADS

	ZONE	AREA	Vult 110 MPH	Vult 120 MPH	Vult 130 MPH	Vult 140 MPH
ROOF 7^ TO 27^	1 1 1	10 20 50	12.0 / -19.9 11.4 / -19.4 10.0 / -18.6	14.9 / -23.7 13.6 / -23.0 11.9 / -22.2	17.5 / -27.8 16.0 / -27.0 13.9 / -26.0	20.3 / -32.3 18.5 / -31.4 16.1 / -30.2
	2 2 2	10 20 50	12.5 / -34.7 11.4 / -31.9 10.0 / -28.2	14.9 / -41.3 13.6 / -38.0 11.9 / -33.6	17.5 / -48.4 16.0 / -44.6 13.9 / -39.4	20.3 / -56.2 18.5 / -51.7 16.1 / -45.7
	3 3 3	10 20 50	12.5 / -51.3 11.4 /-47.9 10.0 / -43.5	14.9 / -61.0 13.6 / -57.1 11.9 / -51.8	17.5 / -71.6 16.0 / -67.0 13.9 / -60.8	20.3 / -83.1 18.5 / -77.7 16.1 / -70.5
WALL	4 4 4	10 20 50	21.8 / -23.6 20.8 / -22.6 19.5 / -21.3	25.9 / -34.7 24.7 / -26.9 23.2 / -25.4	30.4 / -33.0 29.0 / -31.6 27.2 / -29.8	35.3 / -38.2 33.7 / -36.7 31.6 / -34.6
	5 5 5	10 20 50	21.8 / -29.1 20.8 / -27.2 19.5 / -24.6	25.9 / -34.7 24.7 / -32.4 23.2 / -29.3	30.4 /-40.7 29.0 / -38.0 27.2 / -34.3	35.3 / -47.2 33.7 / -44.0 31.6 / -39.8



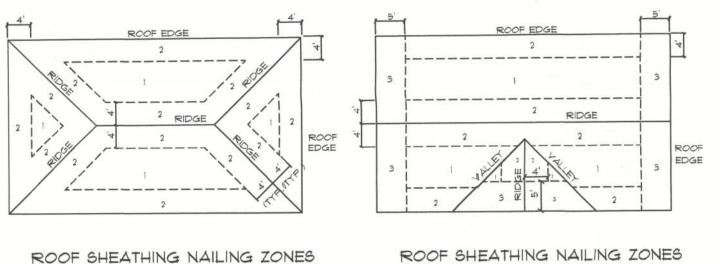
BOTTOM BARS - TOP BARS - "E" BARS BENDING DIA .: CAST-IN-PLACE CONCRETE BEAMS & SLABS SCALE: NONE

		HING FASTE	. Till Car
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6 in. o.c. EDGE 12 in. o.c. FIELD
2	7/16 " O.S.B. OR 19/32 CDX	lod Ring-Shank Natio	6 in. o.c. EDGE 6 in. o.c. FIELD
3	OK 13/32 3DX	Anamo	4 in. o.c. @ GABLE ENDWAL OR GABLE TRUSS 6 in. o.c. EDGE

## GENERAL BEAM SCHEDULE NOTE:

- SCHEDULED HOOPS OR STIRRUPS SHALL BE PLACED AT EACH END OF BEAM UNLESS NOTED OTHERWISE, STIRRUPS SHALL BE TYPE 5-6 & HOOPS SHALLBE TYPE T-2 TYPICAL CRSI 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 POURED 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.

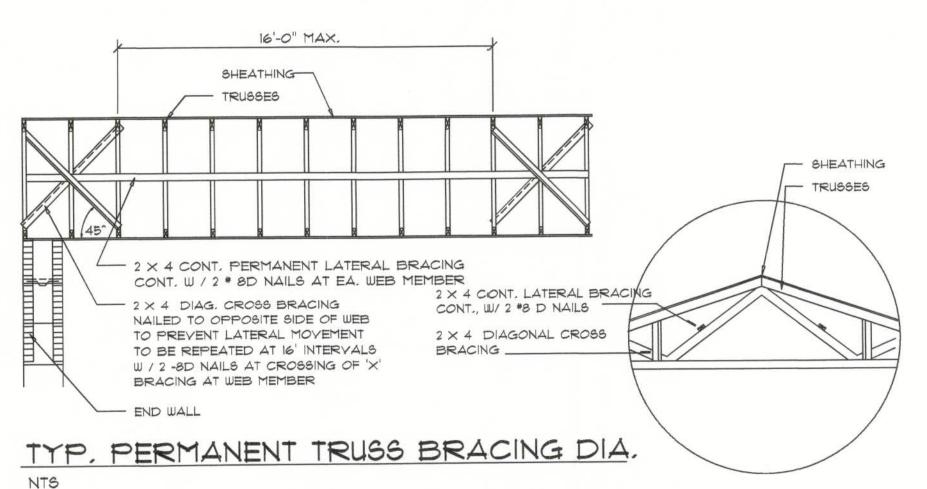
FOR BUIL	FOR BUILDING COMPONENTS & CLADDING						
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE				
15	1.00	1.21	1.47				
20	1.00	1.29	1.55				
25	1.00	1.35	1.61				
30	1.00	1.40	1.66				



6 In. o.c. FIELD

Roof Nail Pattern DET.

(HIP ROOF)



(GABLE ROOF)

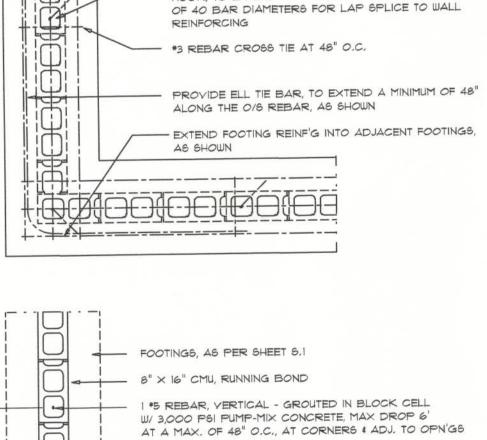
B

Truss Bracing DETAILS

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

SCALE: AS NOTED

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



PROVIDE \*5 REBAR DOWELLS WITH STANDARD ACI

HOOK, TO EXTEND ABOVE TOP OF FOOTING A MIN.

FORMED & POURED CONC. SILL - DEPTH

AS REQUIRED, BUT NOT LESS THAN 2"

FORMED & POURED CONC.

Masonry Opn'g DET'S

FOOTINGS, AS PER SHEET S.1

BUT NOT LESS THAN 6"

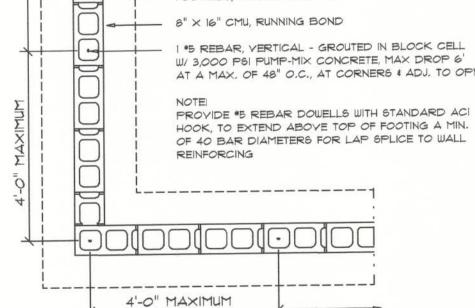
SILL - DEPTH AS REQUIRED,

GARAGE DOOR

SIII DETAIL

ENTRY DOOR

SIII DETAIL



Wall/Foundation Reinf'g DETAIL

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