

WIND DESIGN INFORMATION

1. DESIGN OF THIS STRUCTURE IS BASED ON THE SIMPLIFIED PROVISIONS OF THE FLORIDA BUILDING CODE, CHAPTER 16, 2004 EDITION.
2. BASIC WIND SPEED - 140 MPH (3 SEC BURST)
3. IMPORTANCE FACTOR = 1.0
4. WIND EXPOSURE = B
5. INTERNAL PRESSURE COEFFICIENT = NOT APPLICABLE
6. COMPONENTS AND CLADDING (C4C) PRESSURES ARE DEPENDENT ON THE TRIBUTARY AREA OF WIND LOAD THE C4C SUPPORTS. THE TABLE BELOW LISTS PRESSURES BASED ON AREAS.
7. MINIMUM SOIL BEARING PRESSURE: 2500 PSF
8. MEAN ROOF HEIGHT:
9. ROOF DEAD LOAD: ASPHALT SHINGLE/MTL OR FLAT ROOF 15 PSF, CEMENT TILE 25 PSF
- ROOF LIVE LOAD: 30 PSF
10. SHEAR WALL REQUIRED?: NO
11. CONTINUOUS LOAD PATH PROVIDED?: YES

COMPONENT AND CLADDING PRESSURES				
SURFACE	ZONE	AREA	PRESSURES (PSF)	
ROOF > 10 DEG. < 30 DEG.	1	10	20.3	-32.3
	1	20	18.5	-31.4
	1	50	16.1	-30.2
	1	100	14.3	-29.3
	2	10	20.3	-68.1
	2	20	18.5	-61.8
	2	50	16.1	-53.5
	2	100	14.3	-47.2
	3	10	20.3	-68.1
	3	20	18.5	-61.8
	3	50	16.1	-53.5
	3	100	14.3	-47.2
WALL	4	10	35.3	-38.2
	4	20	33.7	-36.7
	4	50	31.6	-34.6
	4	100	30.0	-33.0
	5	10	35.3	-47.2
	5	20	33.7	-44.0
	5	50	31.6	-39.8
	5	100	30.0	-36.7

NOTE:
- AREAS ARE IN SQUARE FEET
- ALL WINDOWS & EXTERIOR DOORS SHALL BE ABLE TO WITHSTAND A POSITIVE PRESSURE OF + 36.3 & A NEGATIVE PRESSURE OF -47.2 UNLESS OTHERWISE SPECIFIED

GENERAL NOTES

01. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS WHICH WILL EFFECT THE INSTALLATION OF ALL NEW WORK. IF DISCREPANCIES ARE DISCOVERED, DESIGNER MUST BE NOTIFIED BEFORE PROCEEDING WITH ANY MODIFICATION TO THE APPROVED DOCUMENTS.
02. ALL CONSTRUCTION SHALL COMPLY WITH ALL STATE, COUNTY, AND LOCAL CODES AND APPLICABLE AMENDMENTS (LATEST EDITION).
03. THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE BRACING OF ALL STRUCTURAL AND NONSTRUCTURAL COMPONENTS DURING CONSTRUCTION.
04. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER WHAT DRAWINGS MAY SCALE OR IF WRITTEN DIMENSIONS DO NOT EXIST, WHICH ARE NECESSARY FOR CONSTRUCTION, THE CONTRACTOR MUST CONTACT THE DESIGNER TO OBTAIN SAME.
05. INFORMATION FOR THE BASIC LAYOUT OF THIS DRAWING WAS BASED ON EXISTING OR FIELD DIMENSIONS (F. D.). CONTRACTOR MUST VERIFY IN FIELD (V. I. F.) ACTUAL CONDITIONS AS DISCOVERED AND OBSERVED AND NOTIFY DESIGNER OF ANY DISCREPANCIES.
06. THE CONTRACTOR / OWNER (IF OWNER BUILDER), IS SOLELY RESPONSIBLE; FOR THE MEANS AND METHODS OF CONSTRUCTION, AND THE SAFETY OF CONSTRUCTION WORKERS.
07. ALL WORK SHALL BE PERFORMED BY CONTRACTORS POSSESSING VALID CERTIFICATES OF COMPETENCY AND OCCUPATIONAL LICENSES, RECOGNISED AND ACCEPTED BY THE LOCAL GOVERNMENT HAVING JURISDICTION, OR BY OWNER.
08. TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS SUBMITTED HEREWITH COMPLY WITH ALL EXISTING INTERPRETATIONS AND PROVISIONS OF THE APPLICABLE BUILDING CODES AT THE TIME OF THE PLANS PREPARATION. NO WARRANTY EITHER EXPRESSED OR IMPLIED IS HEREWITH GIVEN.
09. CONTRACTOR / OWNER SHALL VERIFY ALL DIMENSIONS RELATED TO ANY PART OF CONSTRUCTION PRIOR TO BEGINNING WORK OR ORDERING FABRICATED MATERIALS REQUIRED FOR CONSTRUCTION.
10. ALL TRUSS ANCHORS SHALL USE AISC'S RECOMMENDED ANCHOR UNLESS OTHERWISE NOTED
11. ENGINEER'S SEAL IS FOR APPROVAL OF STRUCTURAL DESIGN ONLY.

WINDOW BUCK NOTE :

WINDOW BUCKS SHALL BE P. T. 1" X 3" & USE COIL NAILS AT 24" O.C. TO HOLD BUCK IN PLACE & ANCHOR WINDOW TO FILLED CELL THRU BUCK PER AFG SPEC'S

EXTERIOR DOOR BUCK NOTE

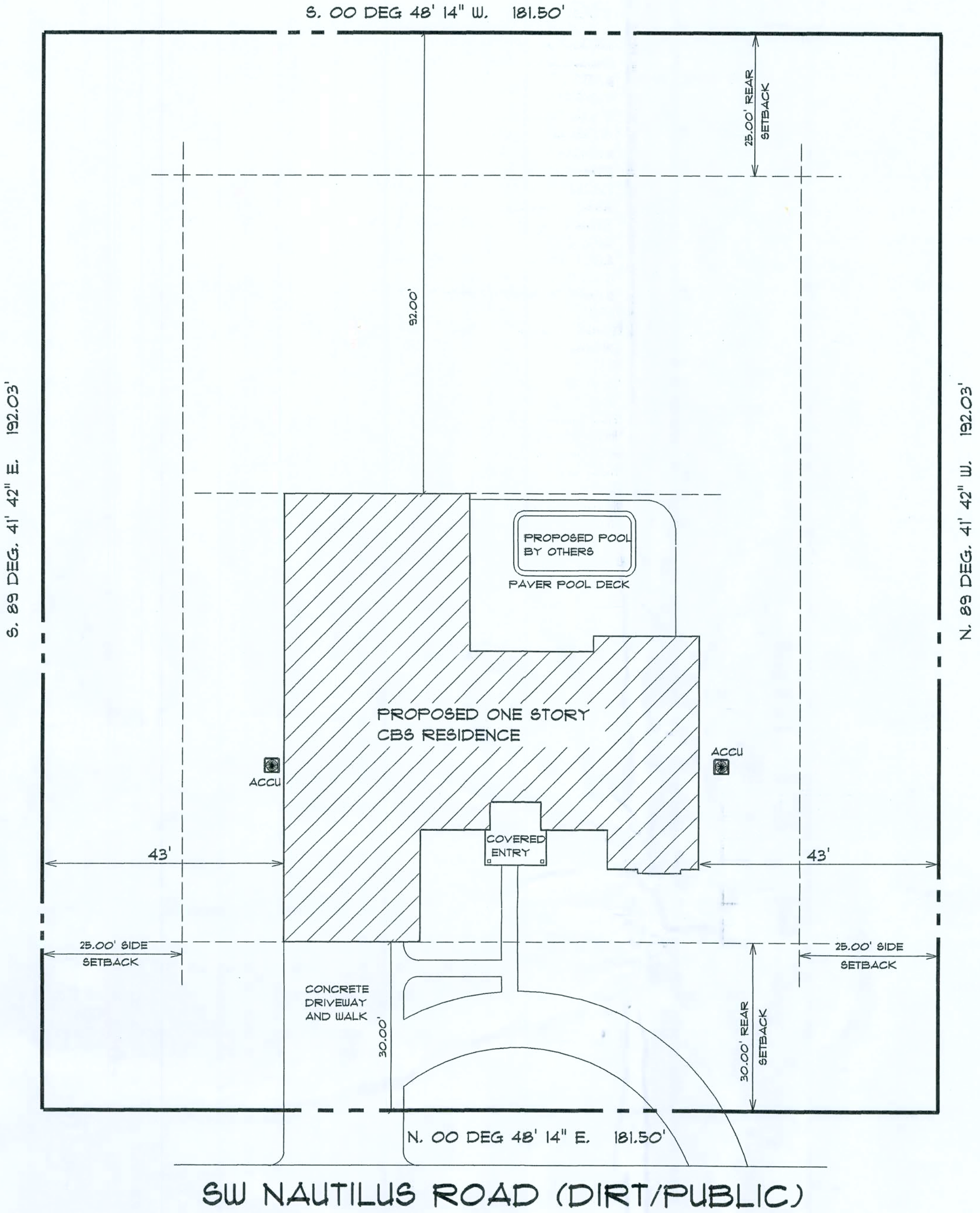
DOOR BUCKS SHALL BE P. T. 2x4 ANCHOR TO FILLED CELL LL W/ 1/4" DIA x 3 3/4" TAP CONS AT 9" O.C.

GARAGE DOOR BUCK NOTE

GARAGE DOOR BUCK TO BE P. T. 2" X 6" ANCHORED WITH 1/2" DIA. WEDGE ANCHORS AT 24" ON CENTER.

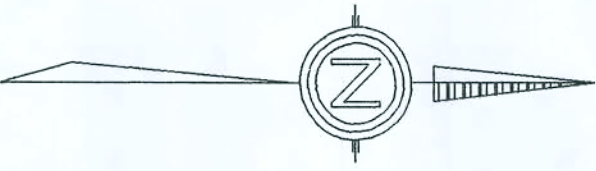
GLAZING NOTE

ALL GLAZED OPENINGS SHALL BE EITHER IMPACT RESISTANT GLASS OR SHALL HAVE APPROVED SHUTTERS ANCHORED PER AFG'S SPECIFICATIONS.



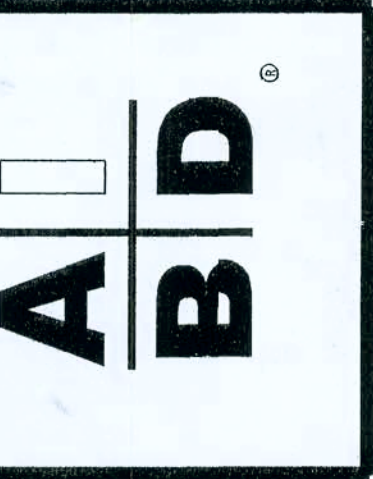
SW NAUTILUS ROAD (DIRT/PUBLIC)

SITE PLAN 1/16 Sc.



SQUARE FOOTAGE:	
A/C	3426 SQ FT
GARAGE	545 SQ FT
TOTAL HOUSE	3971 SQ FT
COVERED ENTRY	123 SQ FT
COVERED PATIO	465 SQ FT
TOTAL UNDER ROOF	4559 SQ FT

REVISIONS	BY
DATE	



STRUCTURAL ENGINEER:
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CONSTRUCTION DOCUMENTS FOR
NEW HOMES - ADDITIONS - REMODELING
OWNER / DESIGNER B. DAVID FRANK

PROPOSED RESIDENCE FOR:
MOSE MOSES & SCHENETTER DESREVINES
SOUTHWEST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

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GENERAL NOTES: CONCRETE

CONCRETE SHALL BE NORMAL WEIGHT CONCRETE EXCEPT UNLESS NOTED OTHERWISE. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS CURED FROM DATE OF POUR AS FOLLOWS:

FOUNDATIONS..... 2500 PSI
SLABS-ON-GRADE..... 3,000 PSI
BEAMS & COLUMNS..... 3,000 PSI
INTELS/ALL OTHER CONCRETE... 3,000 PSI

ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60.

ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND SHALL BE LAPPED ONE FULL 36" PANEL PLUS 2 INCHES AT SIDES AND ENDS; AND WELDED TOGETHER.

CALCIUM CHLORIDE SHALL NOT BE ALLOWED AS AN ADMIXTURE.

REINFORCING SHALL LAP, SPLICED PER THE FOLLOWING TABLE:

BAR SIZE: #3 #4 #5 #6 #7 #8
LAP DIMENSIONS: 22" 28" 36" 43" 63" 91"

ADDITION OF WATER TO CONCRETE AT THE JOB SITE IS PROHIBITED.

ALL CONCRETE WORK SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF ACI 318 AND ACI 309.

THE MINIMUM CONCRETE COVER TO REINFORCING SHALL BE AS FOLLOWS:

VERIFIED SLABS ON VAPOR BARRIER..... 3"
BEAMS AND COLUMNS..... 1-1/2"
FORMED CONCRETE BELOW GRADE..... 2"
UNIFORM CONCRETE BELOW GRADE..... 3"

HOOKS AT THE ENDS OF REINFORCING BARS SHALL BE OF THE FOLLOWING LENGTHS UNLESS NOTE OTHERWISE:

BAR SIZE: #3 #4 #5 #6 #7 #8
LAP DIMENSIONS: 6" 8" 10" 12" 14" 16"

WALL FOOTINGS SHALL EXTEND PAST THE END OF A WALL A MINIMUM OF 12 INCHES.

GENERAL NOTES: MASONRY

DESIGN, MATERIAL, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ACI 530 "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES" AND ACI 530.1 "SPECIFICATION FOR MASONRY STRUCTURES."

GROUT SHALL BE IN ACCORDANCE WITH ASTM C476 "STANDARD SPECIFICATION FOR GROUT FOR UNIT MASONRY." MORTAR SHALL BE IN ACCORDANCE WITH ASTM C270 "STANDARD SPECIFICATION FOR MORTAR FOR UNIT MASONRY."

THE MINIMUM COMPRESSIVE STRENGTH (F_m) OF MASONRY ASSEMBLIES SHALL BE 1500 PSI AT 28 DAYS CURED FROM DATE OF POUR.

ALL VERTICAL REINFORCING STEEL BARS IN CMU WALLS SHALL BE CENTERED IN SOLID GROUTED CELL AND ANCHORED IN THE CONCRETE THICKENED SLAB OR FOUNDATION; AND IN THE TIE OR BOND BEAM AT THE TOP OF THE WALL WITH STANDARD HOOKS; AND SHALL BE CONTINUOUS THROUGH ALL WALL BEAMS.

ALL CMU REINFORCING STEEL BARS SHALL BE CONTINUOUS WITH LAP SPLICES OF AT LEAST 48 BAR DIAMETERS.

ALL CELLS ADJACENT TO DOORS, WINDOWS, OPENINGS, CORNERS AND AT THE END OF WALLS SHALL BE REINFORCED.

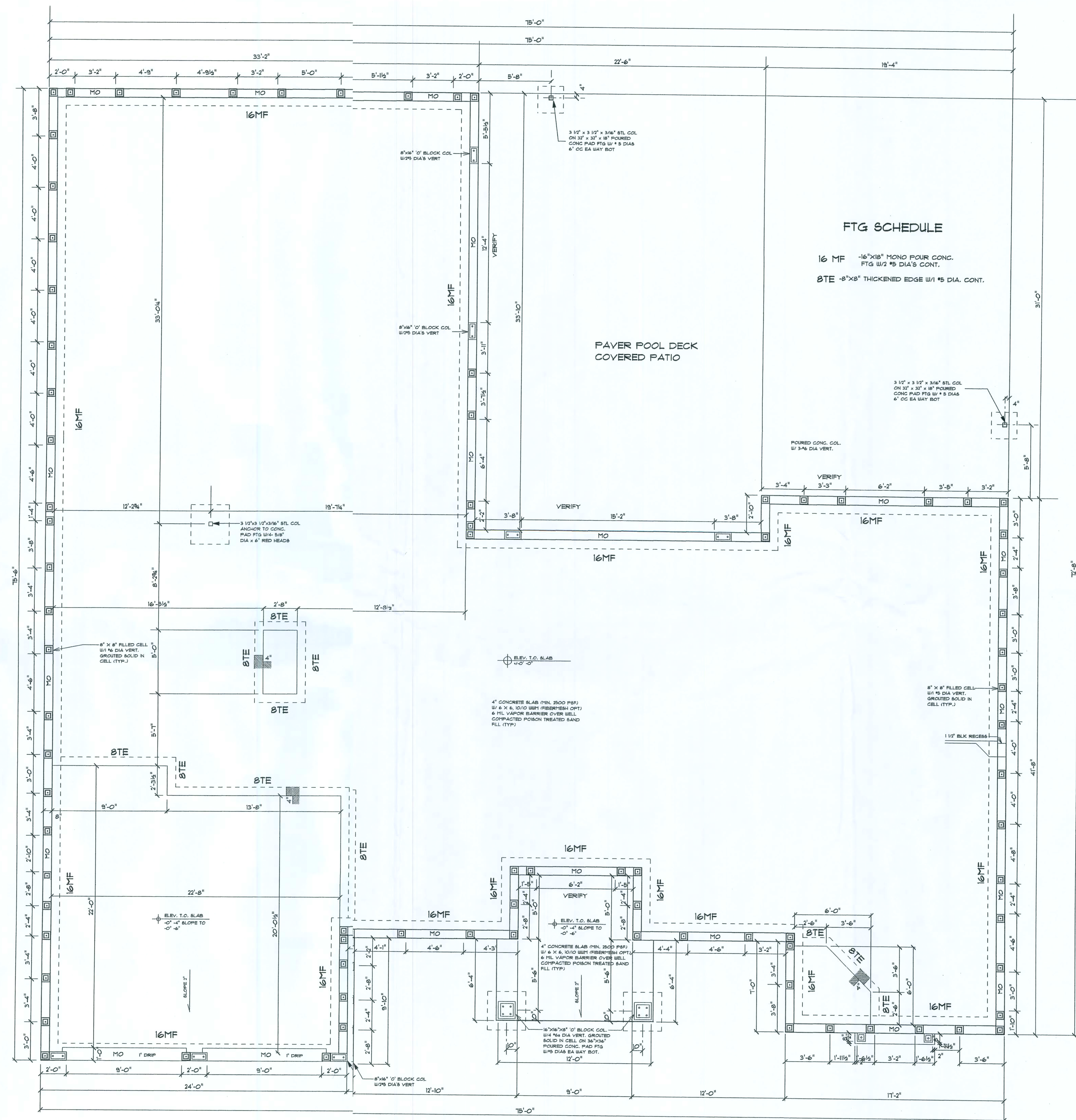
ALL VERTICAL REINFORCING SHALL BE #5 BARS SPACED AT A MAXIMUM 48" O.C. IN ALL WALLS UNLESS NOTED OTHERWISE ON DRAWINGS.

ALL VERTICAL REINFORCING SHALL BE INSTALLED AS FOLLOWS: PROVIDE CLEAN-OUT SPACE AT BOTTOM OF CELL TO REINFORCED AND FILLED (AT LOCATION OF REINFORCING STEEL DOWEL IN FOUNDATIONS OR PREVIOUS CONCRETE PLACEMENT); COMPLETELY CLEAN OUT AND FLUSH CELL TO BE FILLED; INSTALL VERTICAL STEEL AND E TO DOWEL AT BOTTOM AND TIE IN PLACE AT TOP; CLOSE CLEAN-OUT OPENING AND FILL WITH GROUT.

VERTICAL CELLS TO BE GROUTED SHALL HAVE A MINIMUM CLEAR DIMENSION OF 3-INCHES AND CLEAR AREA OF 10-SQUARE INCHES. GROUTING SHALL BE DONE IN A CONTINUOUS OPERATION IN LIFTS NOT EXCEEDING FEET WITH A MAXIMUM TOTAL POUR OF TWELVE FEET. THE GROUT SHALL BE CONSOLIDATED BETWEEN LIFTS BY FUDDLING, RODDING OR MECHANICAL VIBRATION.

ALL CMU ELEMENTS SHALL BE ADEQUATELY BRACED TO PROVIDE STABILITY UNTIL THE ENTIRE STRUCTURE IS COMPLETE AND TO PREVENT DAMAGE DURING CONSTRUCTION ESPECIALLY DUE TO BACKFILLING AND SOIL COMPACTION OPERATIONS.

REINFORCING OVER MASONRY BOND BEAMS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS OF WALLS. PROVIDE HOOK REINFORCING AND/OR SPLICE BARS.



FOUNDATION PLAN 1/4 Sc.

REVISIONS	DATE	BY



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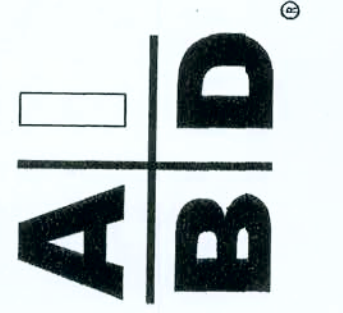
PRECISION DRAFTING AND DESIGN INC
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OWNER / DESIGNER B. DAVID FRANK

PROPOSED RESIDENCE FOR:
MOSE MOSES & SCHENETTER DESREVINES
SOUTHWEST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

GLORY TO GOD
DRAWN BY BDF
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SCALE AS NOTED
JOB NO. 21905.09

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OF SHEETS

REVISIONS DATE	BY



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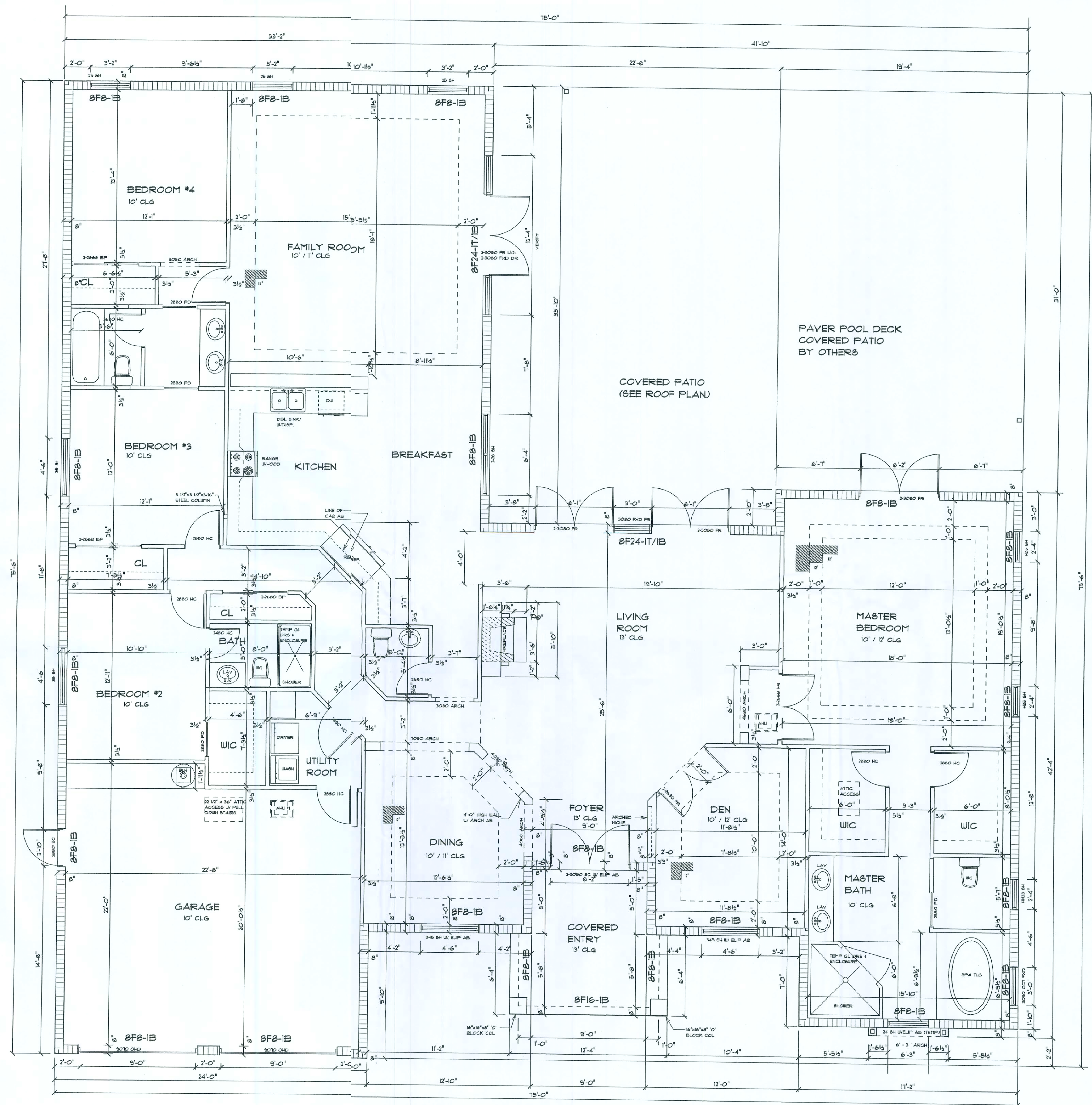
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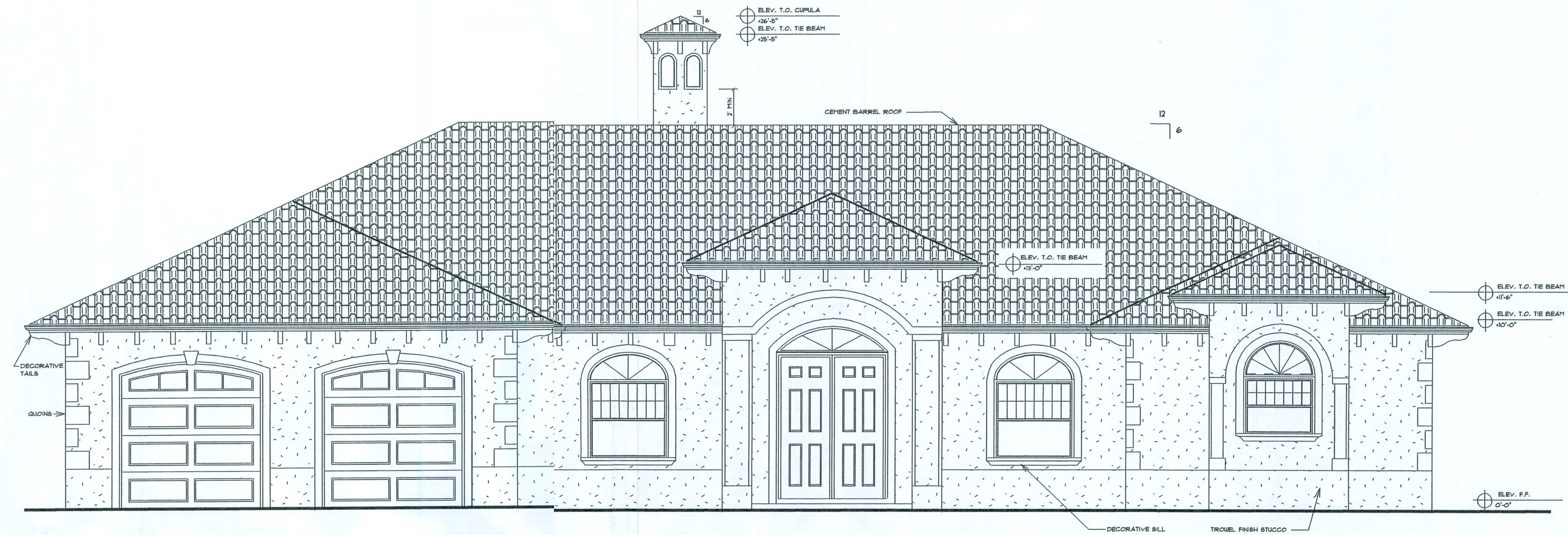
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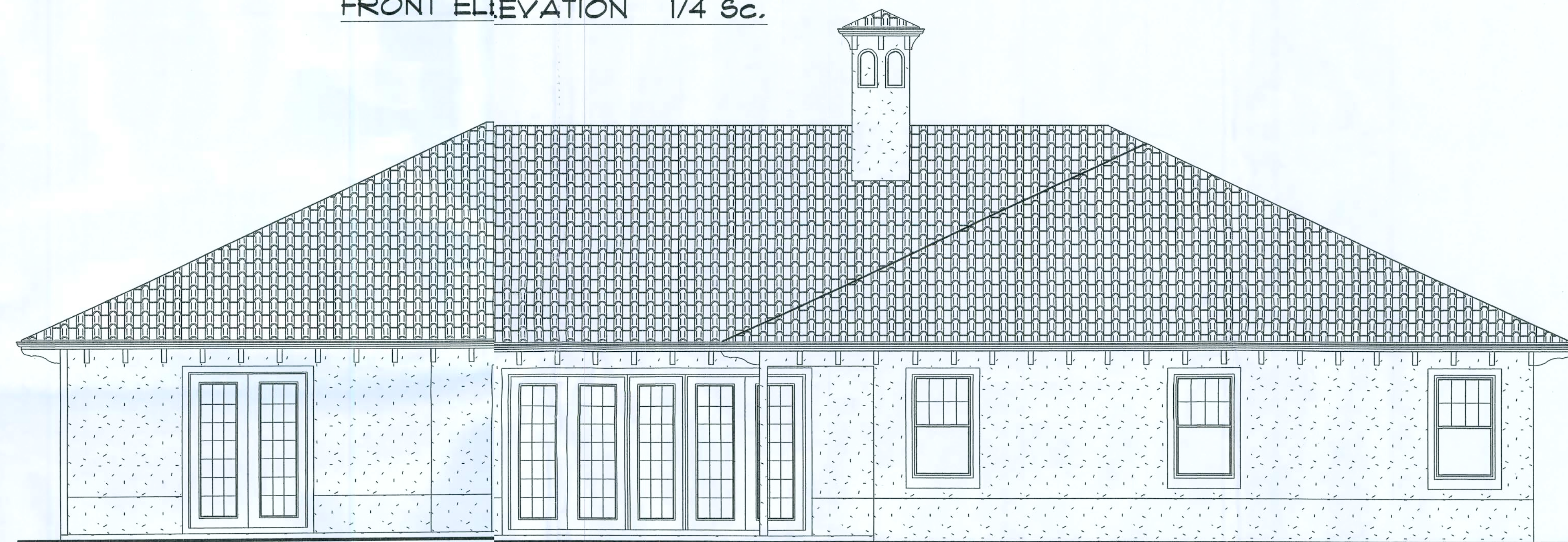


FLOOR PLAN 1/4 Sc.

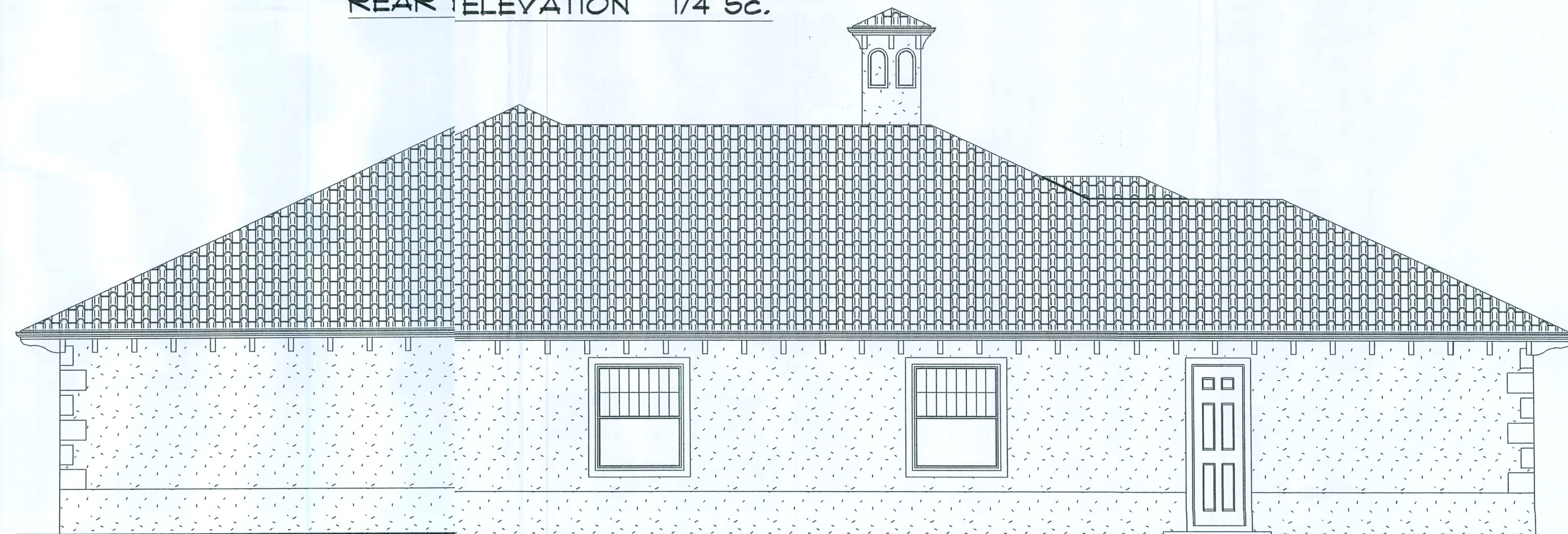
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FRONT ELEVATION 1/4 Sc.



REAR ELEVATION 1/4 Sc.



LEFT SIDE ELEVATION 1/4 Sc.

REVISIONS DATE	BY

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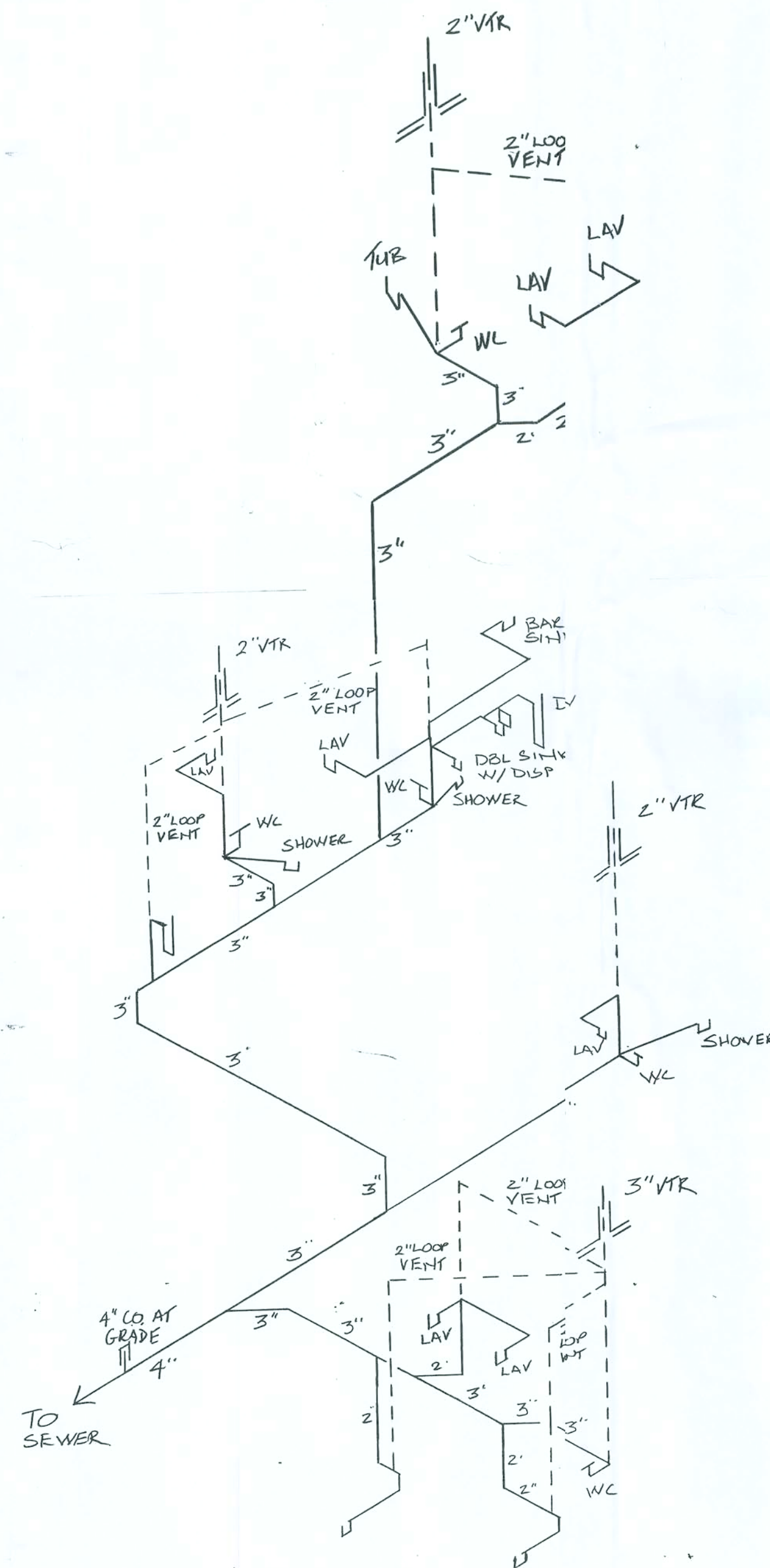
PROPOSED RESIDENCE FOR:
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 COLUMBIA COUNTY, FLORIDA

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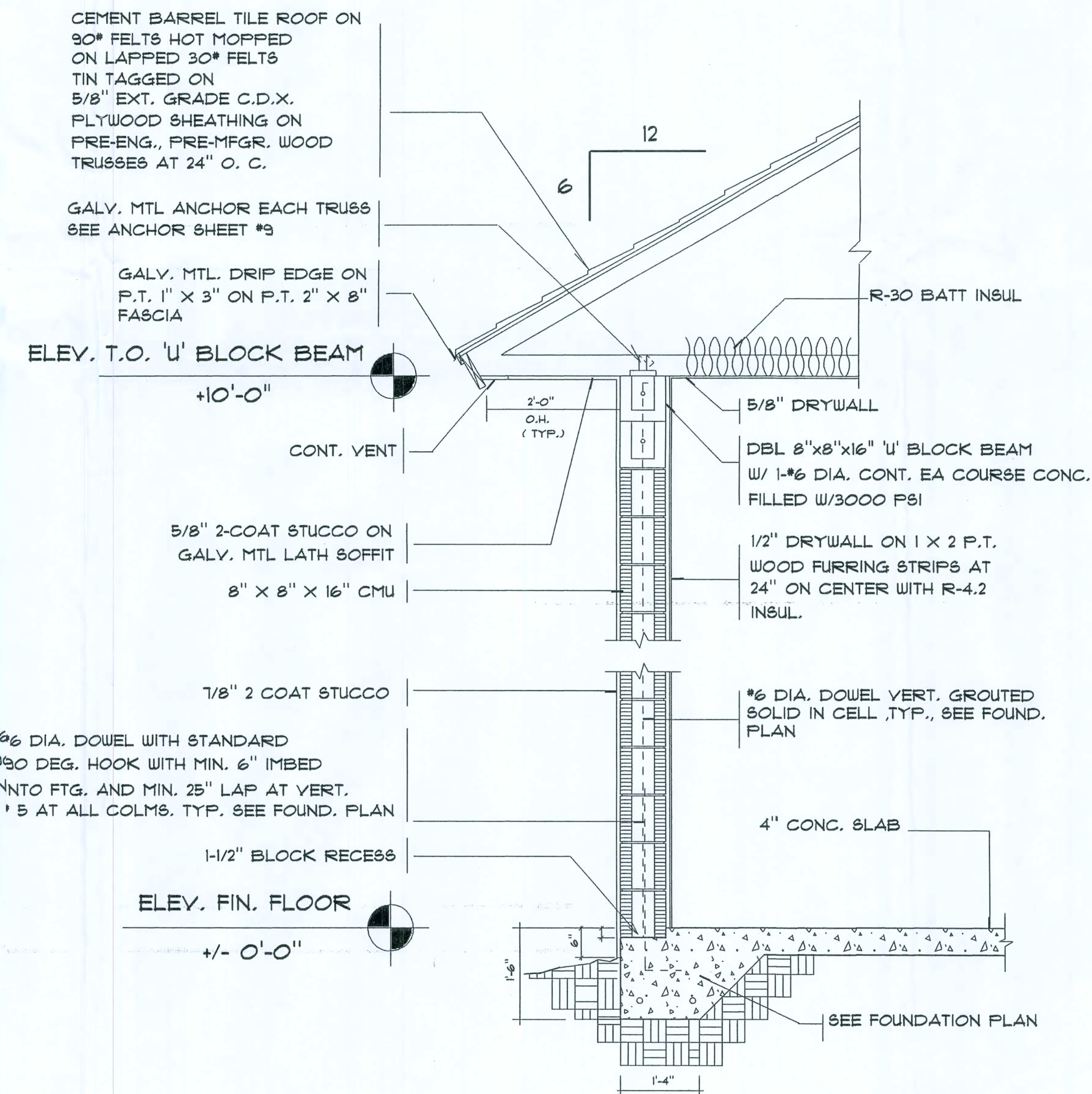
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RIGHT SIDE ELEVATION 1/4 Sc.



SANITARY RISER N.T.S.



TYPICAL WALL SECTION

SCALE 3/4" = 1'-0"

REVISIONS DATE	BY

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COLLIER COUNTY, FLORIDA

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ELECTRICAL NOTES

1. CONTRACTOR SHALL VERIFY W/FPL THE LOCATION OF SERVICE AND SHALL LOCATE METER & PANELS AS REQUIRED
2. ALL WIRE SHALL HAVE THIN COPPER UNLESS OTHERWISE NOTED
3. WHERE REQUIRED BY CODES, SERVICE AND FEEDER CONDUCTORS SHALL BE COPPER OF EQUAL AMPACITY
4. ALL BRANCH CIRCUITS IN RACEWAY OR NONMETALLIC SHEATHED CABLE
5. COORDINATE RACEWAY INSTALLATIONS W/OTHER TRADES PRIOR TO CONSTRUCTION
6. VERIFY ALL CONDUCTORS AND BREAKERS W/EQUIPMENT MFG SPECS
7. PROVIDE DISCONNECT SWITCH OF SIZE AS REQUIRED BY LOAD AND UNITS
8. PROVIDE NON-FUSIBLE GENERAL DUTY SAFETY SWITCHES AT AC EQUIP. AND AT PUMPS NOT VISIBLE FROM CIRCUIT BREAKER PANEL AND AS PER MFG RECOMMENDATIONS
9. PROVIDE GFI BREAKERS FOR ALL BATHROOMS, GARAGE, AD EXTERIOR OUTLETS AS SHOWN ON PLANS
10. ELECTRICAL FIXTURES, TRIM AND APPLIANCES SHALL BE APPROVED AND AS SELECTED BY OWNER
11. PROVIDE PRE-WIRED TELEPHONE OUTLETS AS SHOWN ON PLANS
12. PROVIDE PRE-WIRED TV OUTLETS AS SHOWN ON PLANS
13. DEDICATE CIRCUITS SHALL HAVE NO MORE THAN 6 DUPLEX RECEPTICALS
14. ALL RECEPTICALS WITHIN 6'-0" OF SINK SHALL HAVE GFI OUTLETS
15. ALL CLOSET LIGHTING SHALL COMPLY WITH SEC. 410B
16. SMOKE DETECTORS SHALL BE HARD WIRED AND HAVE SELF-CONTAINED BATTERY BACKUP. DETECTORS SHALL BE TANDEM WIRED SCALL DETECTORS SOUND SIMULTANEOUSLY

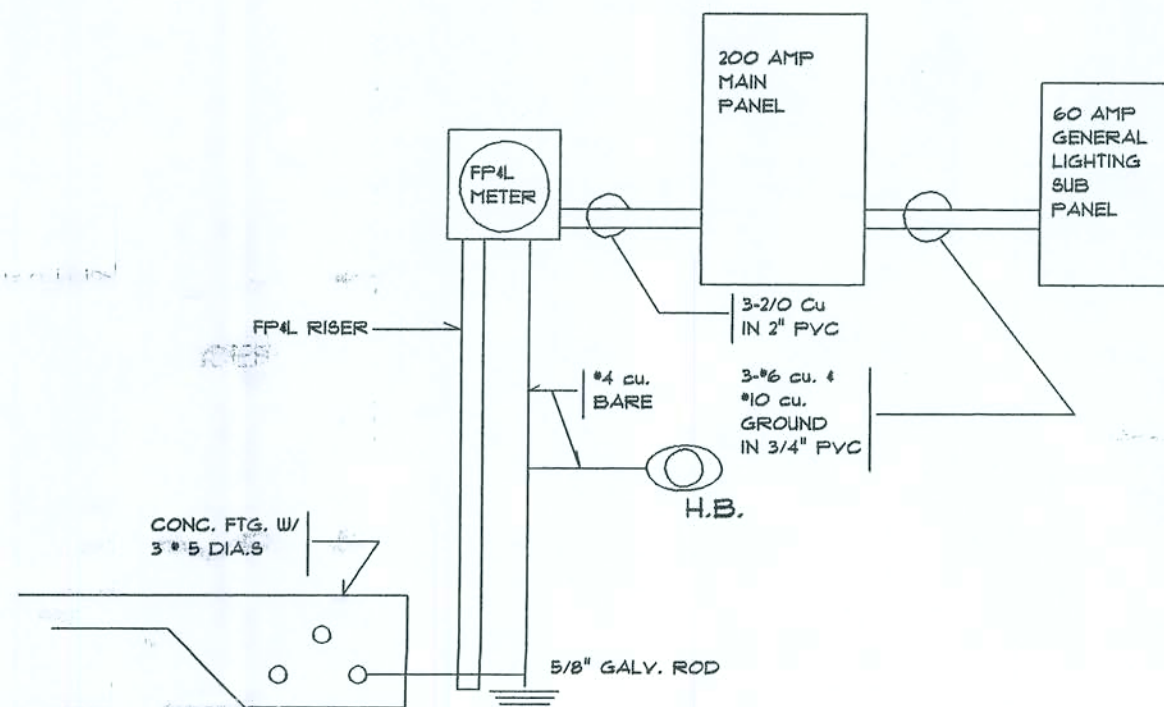
200 AMP PANEL

CIR.	DISCRIPTION	WIRE	TRIP	WATT	POLE
1-3	GENERAL LIGHT. & RECEPT. @ 3				
	WATTS PER SQ. FT.				
	3585 SQ. FT.	14	15	10755	1
9,11	EUH	10	30	4500	2
10,12	RANGE	6	50	8500	2
13,15	DRYER	10	30	5000	2
14,16	IRRI PUMP	12	20	2300	2
17	DW	12	20	1200	1
18	DISP.	12	20	850	1
19	REF	12	20	800	1
20,22	POOL PUMP FUTURE	12	20	2300	2
21	LAUNDRY	12	20	1500	1
23	KIT. APP	12	20	4500	2
24	OHDO	14	15	2400	1
25	CLG FANS	14	15	1600	1
	TOTAL			46205	
26,28	AC / HEAT	8	40	7500	2
27,29	AC / HEAT	8	40	7500	2

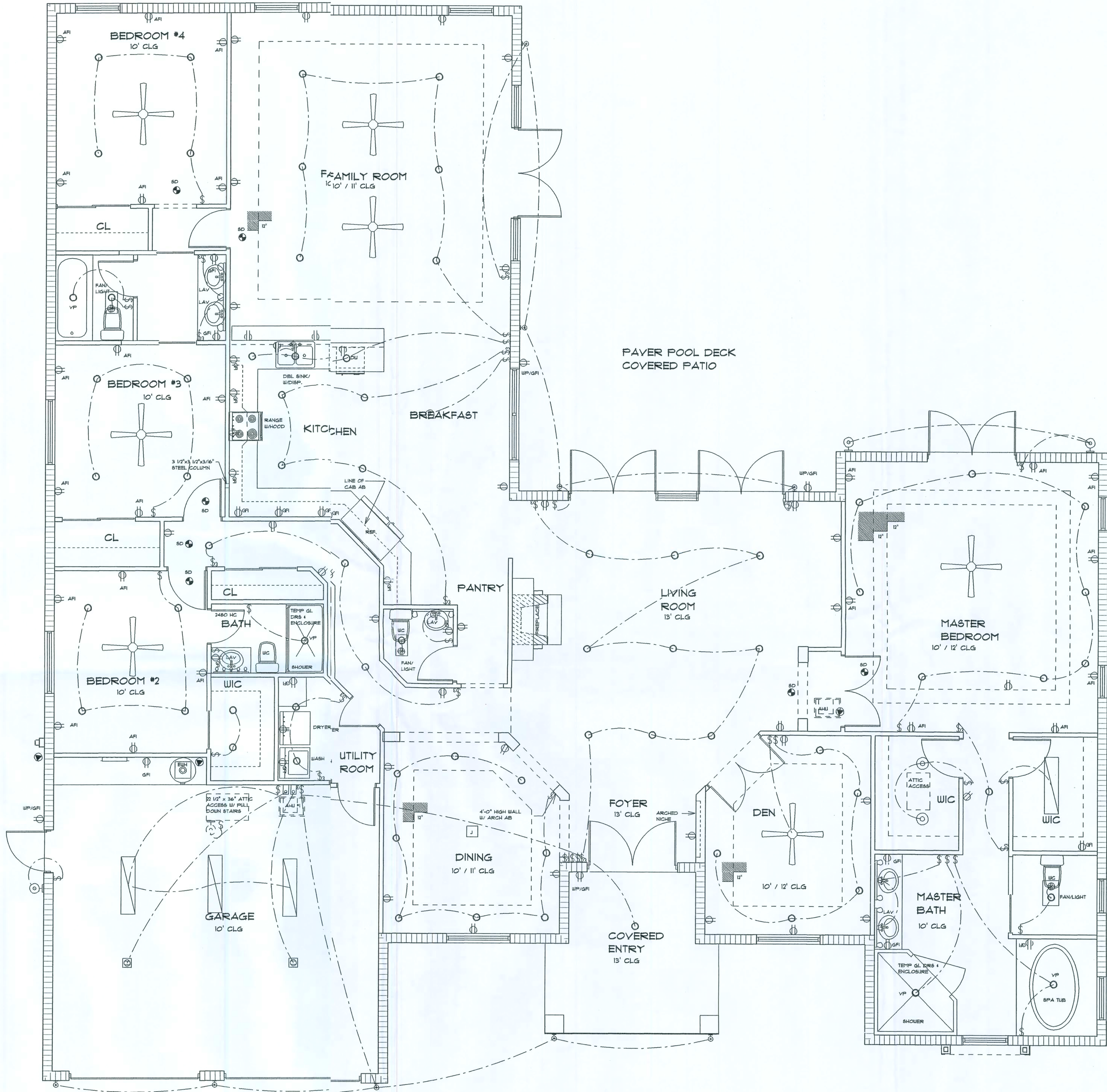
TOTAL DEMAND (WATTS)

DEMAND FACTOR:

FIRST 10,000 W. @ 100% 10,000 WATTS
BALANCE 36205 @ 40 % 14482 WATTS
24482 WATTS/240 VOLTS 103 AMPs
AC 15,000 WATTS/230 VOLTS 66 AMPs
TOTAL DEMAND 169 AMPs



ELECTRICAL RISER N.T.S.



ELECTRICAL PLAN 1/4 Sc.

REVISIONS
DATE
BY

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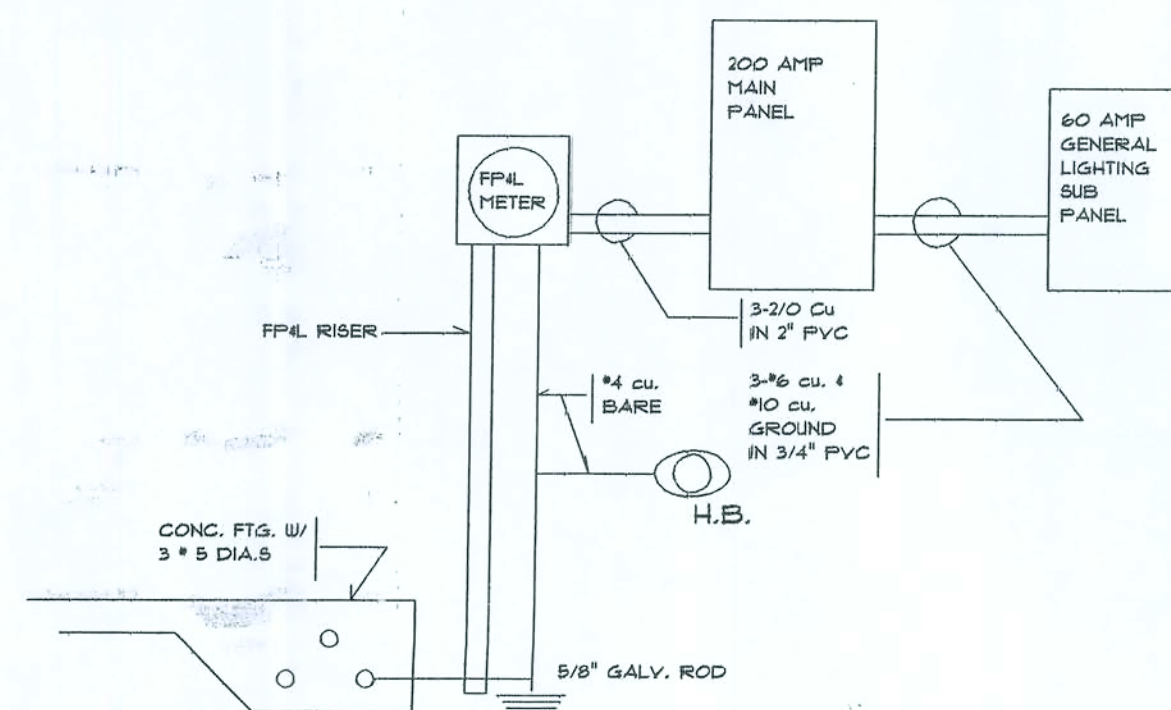
200 AMP PANEL

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1-8	GENERAL LIGHT.				
	# RECPTS. @ 3				
	WATTS PER SQ. FT.				
	3426 SQ. FT.	14	15	10218	1
9,11	EWB	10	30	4500	2
10,12	RANGE	6	50	8500	2
13,15	DRYER	10	30	5000	2
14,16	IRRI PUMP	12	20	2300	2
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19	REF	12	20	800	1
20,22	POOL PUMP FUTURE	12	20	2300	2
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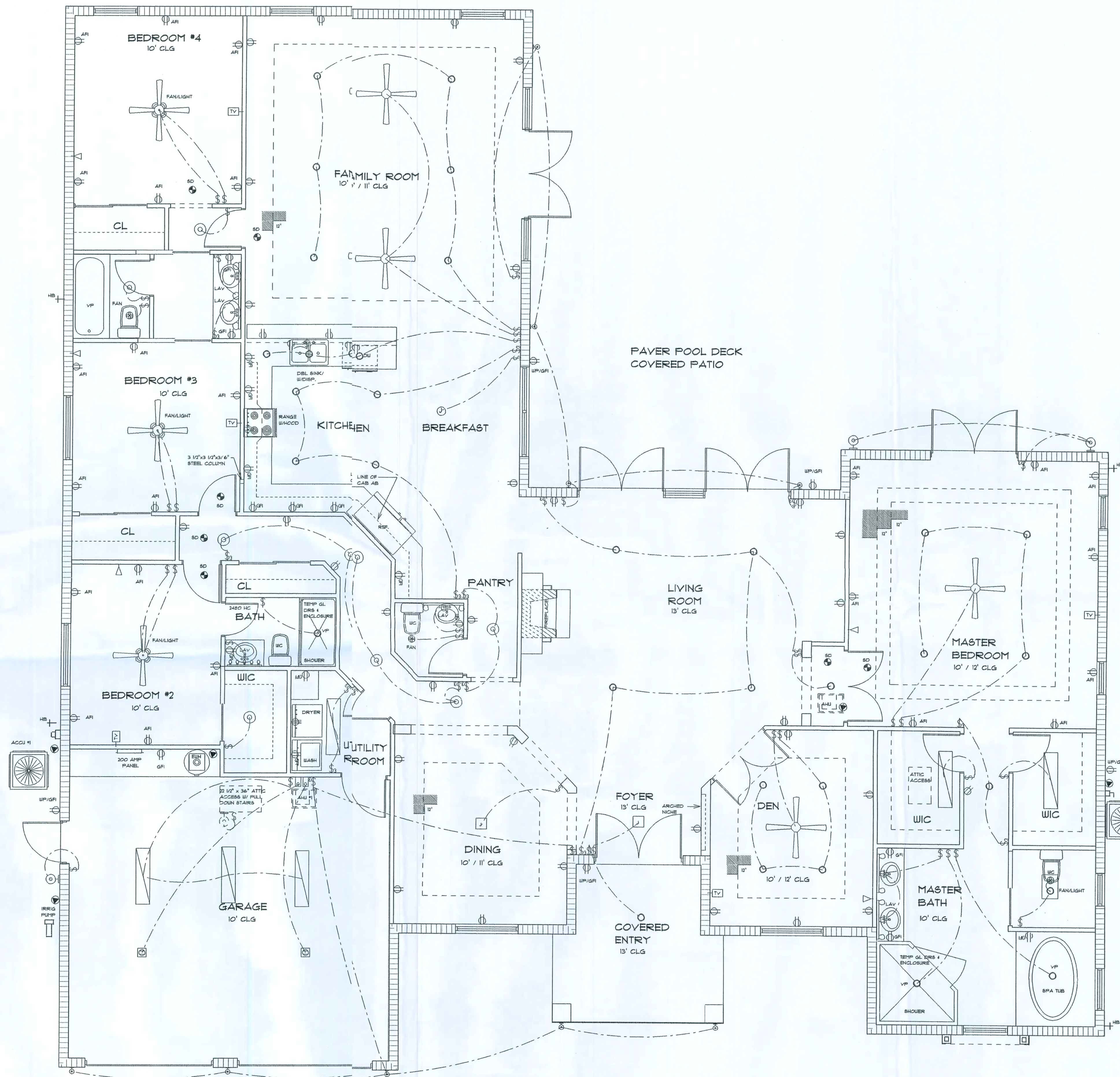
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ELECTRICAL RISER N.T.S.



ELECTRICAL PLAN 1/4 Sc.

REVISIONS
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 STATE OF FLORIDA LICENSE # 59804
 P.E. 06-135-4598

PRECISION DRAFTING AND DESIGN INC
 34 VISTA DEL RIO, BOYNTON BEACH, FLORIDA 33426
 NORTH COUNTY (561) 733-0669
 SOUTH COUNTY (561) 278-3038
 NEW CENTURY PROFESSIONAL BUILDING LABORERS
 CONSTRUCTION DOCUMENTS FOR
 NEW HOMES - ADDITIONS - REMODELING
 OWNER / DESIGNER B. DAVID FRANK

PROPOSED RESIDENCE FOR:
 MOSE MOSES & SCHENNETTER DESREVINES
 SOUTHWEST NAUTILUS ROAD
 COLUMBIA COUNTY, FLORIDA

GLORY TO GOD

DRAWN BY BDF

CHECKED BY

DATE

SCALE AS NOTED

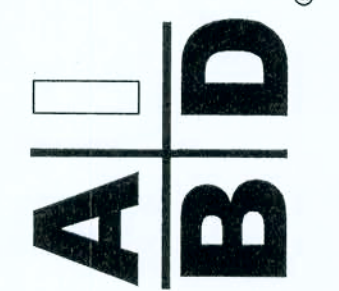
JOB NO. 21905.09

SHEET

1

OF SHEETS

REVISIONS DATE	BY
12/6/07	



STRUCTURAL ENGINEER:

LUIS LOPEZ
OF MISSION WILL BOAR

105 MISSION HILL ROAD
BOYNTON BEACH, FL 33435

STATE OF FLORIDA LICENSE # 59804

PH: 561-735-4598

PRECISION DRAFTING AND DESIGN INC

34 VISTA DEL RIO, BOYNTON BEACH, FLORIDA 33426
NORTH COUNTY (561) 733-0669

NORTH COUNTY (561) 733-0669
SOUTH COUNTY (561) 278 3038

**CONSTRUCTION DOCUMENTS FOR
AIBD CERTIFIED PROFESSIONAL BUILDING DESIGNER
SOUTH COUNTY 661.371.8303**

CONSTRUCTION DOCUMENTS FOR
NEW HOMES - ADDITIONS - REMODELING

OWNER / DESIGNER B. DAVID FRANK

PROPOSED RESIDENCE FOR:
MIOSE MOSES & SCHENETTER DESREVINES

THREE FLOORS & SCHEINER DECK LINES
SOUTHWEST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

COLUMBIA COUNTY, FLORIDA

GLORY TO GOD

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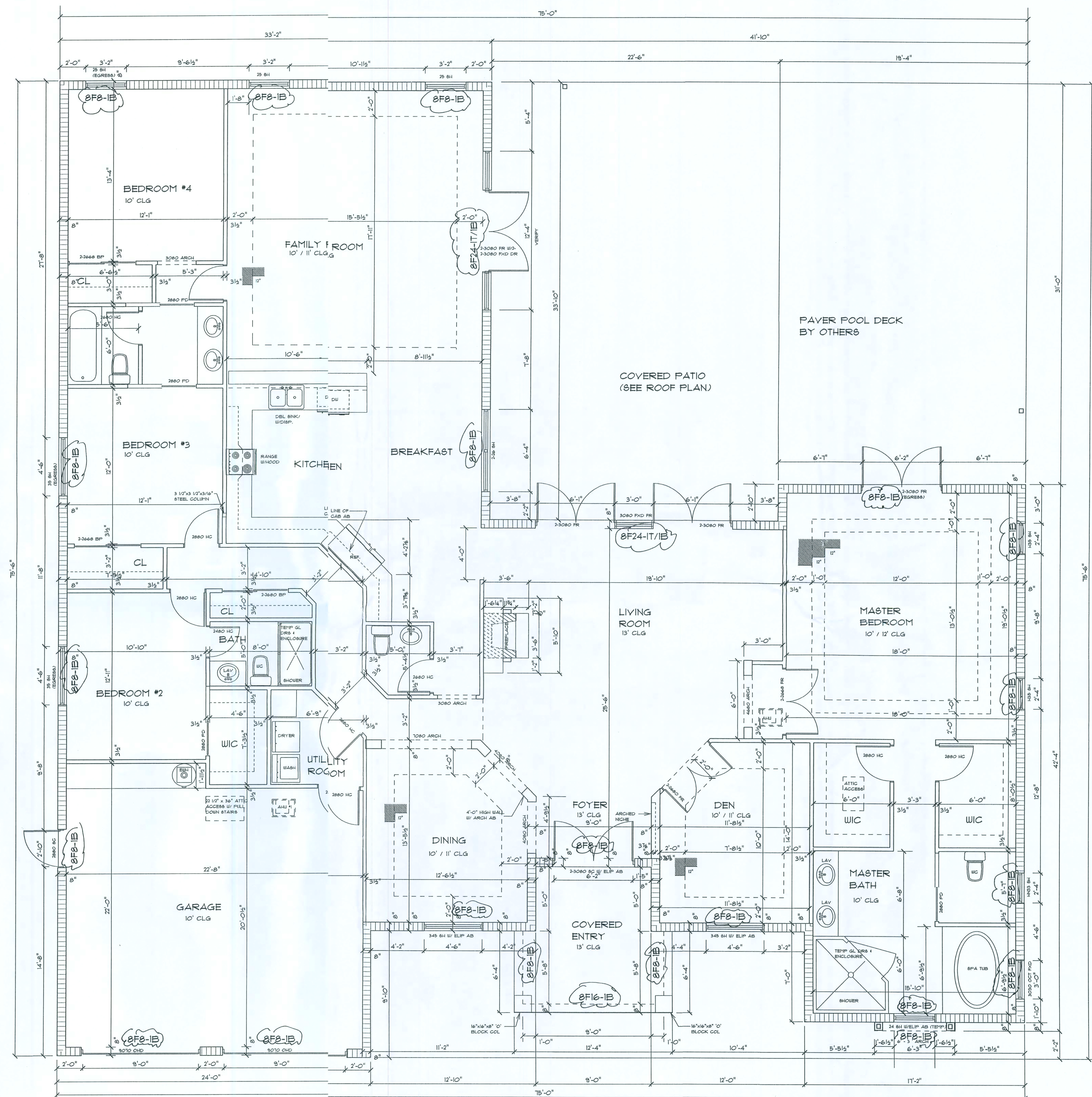
SCALE	AS NOTED
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JOB NO. 21905.09

SHEET

3

OF SHEETS



FLOOR PLAN 1/4 Sc.

EGRESS SCHEDULE:

SYM.	BILL HEIGHT	CLEAR WIDTH	CLEAR HEIGHT	CLEAR S&FT
25 SH	35" AFF	32 7/8"	26 11/16"	6 SQ F
35 SH	35" AFF	49"	26 11/16"	9 SQ F

LINTEL NOTE:

- ALL LINTELS SHALL HAVE A MIN 4" BEARING AT EA END

ELECTRICAL NOTES

1. CONTRACTOR SHALL VERIFY W/FPL THE LOCATION OF SERVICE AND SHALL LOCATE METER & PANELS AS REQUIRED
2. ALL WIRE SHALL HAVE THIN COPPER UNLESS OTHERWISE NTED
3. WHERE REQUIRED BY CODES, SERVICE AND FEEDER CONDUCTORS SHALL BE COPPER OF EQUAL AMPACITY
4. ALL BRANCH CIRCUITS IN RACEWAY OR NONMETALLIC SHETED CABLE
5. COORDINATE RACEWAY INSTALLATIONS W/OTHER TRADES RIOR TO CONSTRUCTION
6. VERIFY ALL CONDUCTORS AND BREAKERS W/EQUIPMENTFG SPECS
7. PROVIDE DISCONNECT SWITCH OF SIZE AS REQUIRED BY LOD AND UNITS
8. PROVIDE NON-FUSIBLE GENERAL DUTY SAFTY SWITCHES ATA/C EQUIP. AND AT PUMPS NOT VISIBLE FROM CIRCUIT BREAKER PANL AND AS PER MFG RECOMMENDATIONS
9. PROVIDE GFI BREAKERS FOR ALL BATHROOMS, GARAGE,IND EXTERIOR OUTLETS AS SHOWN ON PLANS
10. ELECTRICAL FIXTURES, TRIM AND APPLIANCES SHALL BE PPROVED AND AS SELECTED BY OWNER
11. PROVIDE PRE-WIRED TELEPHONE OUTLETS AS SHOWN ON FANS.
12. PROVIDE PRE-WIRED TV OUTLETS AS SHOWN ON PLANS
13. DEDICATE CIRCUITS SHALL HAVE NO MORE THAN 6 DUPL RECEPTICALS
14. ALL RECEPTICALS WITHIN 6'-0" OF SINK SHALL HAVE GFI DTLETS
15. ALL CLOSET LIGHTING SHALL COMPLY WITH SEC. 410B
16. SMOKE DETECTORS SHALL BE HARD WIRED AND HAVE SEF CONTAINED BATTERY BACKUP. DETECTORS SHALL BE TANDEM WIRED O ALL DETECTORS SOUND SIMULTANEOUSLY

200 AMP PANEL

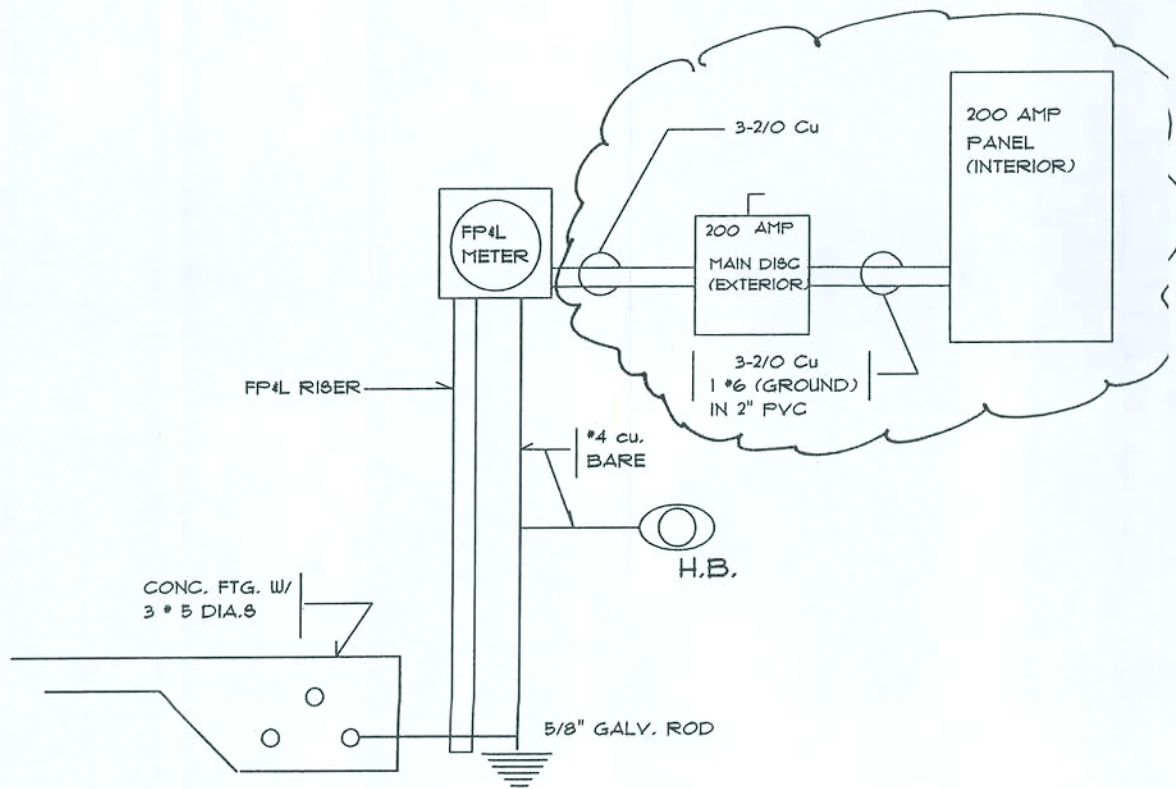
CIR.	DISCRPTION	WIRE	TRIP	WATT	PCE
1-8	GENERAL LIGHT.				
	4 RECPT.3 @ 3				
	WATTS PER SQ. FT.				
	3426 SQ. FT.	14	15	10218	1
9,11	EWB	10	30	4500	2
10,12	RANGE	6	50	8500	2
13,15	DRYER	10	30	5000	2
14,16	IRRI PUMP	12	20	2300	2
17	DW	12	20	1200	1
18	DISP.	12	20	850	1
19	REF	12	20	800	1
20,22	POOL PUMP FUTURE	12	20	2300	2
21	LAUNDRY	12	20	1500	1
23	KIT. APP	12	20	4500	2
24	OHDO	14	15	2400	1
25	CLG FANS	14	15	1600	1
	TOTAL			46205	
26,28	AC / HEAT	8	40	7500	2
27,29	AC / HEAT	8	40	7500	2

TOTAL DEMAND (WATTS)

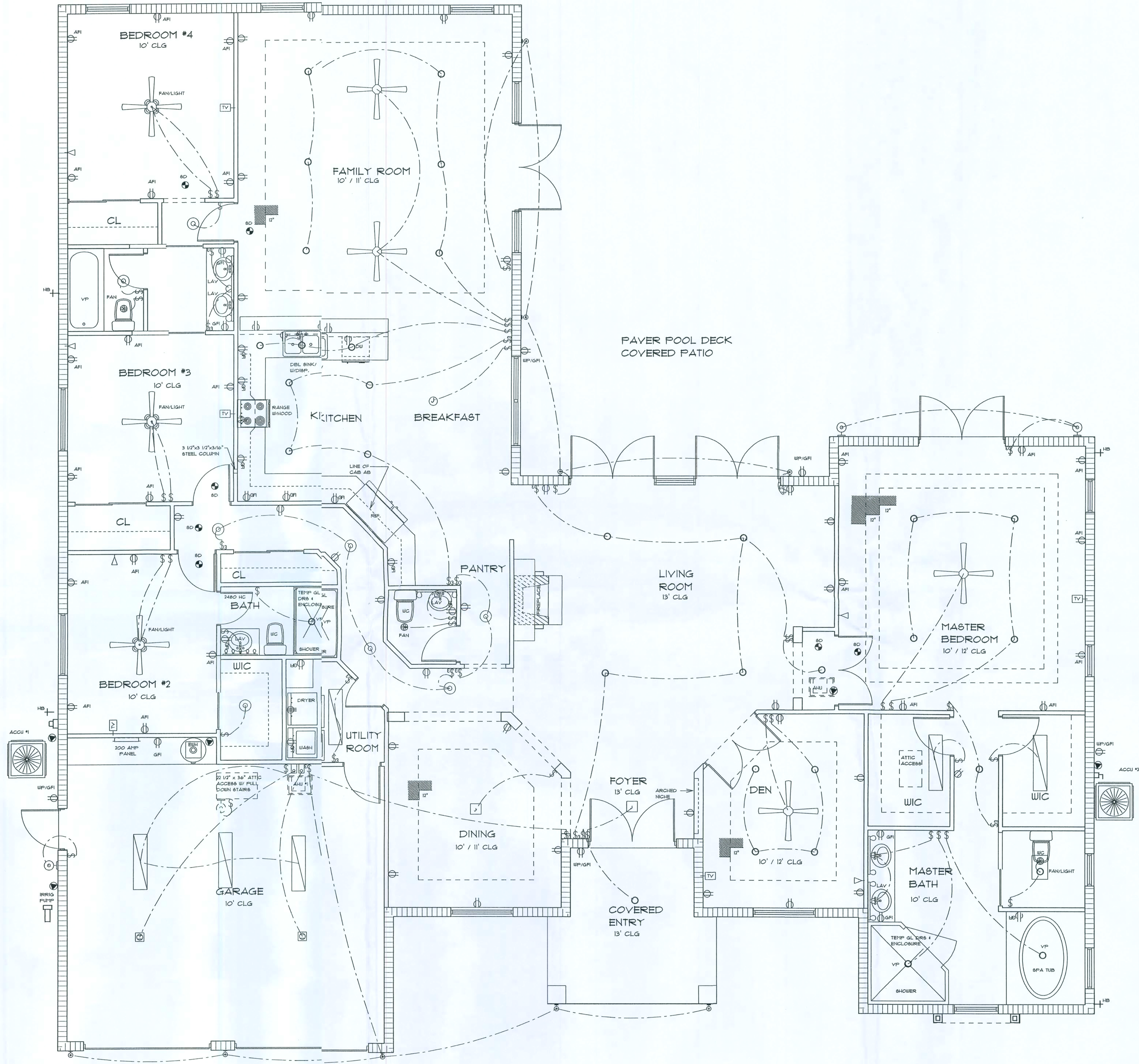
DEMAND FACTOR:

FIRST 10,000 W. @ 100% 10,000 WATTS
BALANCE 36205 @ 40 % 14482 WATTS

24482 WATTS/240 VOLTS 103 AMPs
AC 15,000 WATTS/230 VOLTS 66 AMPs
TOTAL DEMAND 169 AMPs

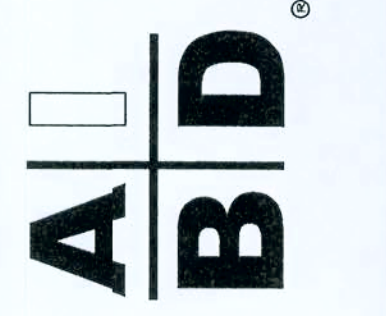


ELECTRICAL RISER N.T.S.



ELECTRICAL PLAN 1/4 Sc.

REVISIONS	BY
DATE	
12/6/07	



STRUCTURAL ENGINEER:
LUIS LOPEZ
405 MISSION HILL ROAD
BOYNTON BEACH, FL 33435
STATE OF FLORIDA LICENSE # 59804
P.H. 561-398-4998

PRECISION DRAFTING AND DESIGN INC
34 VISTA DEL RIO, BOYNTON BEACH, FLORIDA 33426
NORTH COUNTY (561) 123-0665
SOUTH COUNTY (561) 218-3038
AIED CERTIFIED PROFESSIONAL BUILDING DESIGNER
CONSTRUCTION DOCUMENTS FOR
NEW HOMES - ADDITIONS - REMODELING
OWNER / DESIGNER B. DAVID FRANK

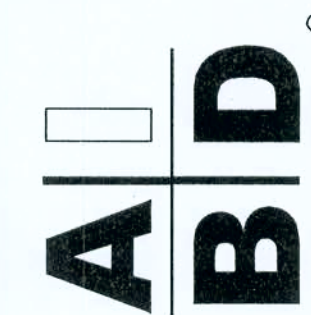
PROPOSED RESIDENCE FOR:
MOSE MOSES & SCHENETTER DESREVINES
SOUTHWEST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

GLOFY TO GOD

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OF	SHEETS

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12/6/57	



STRUCTURAL ENGINEER:
LUIS LOPEZ
405 MISSION HILL ROAD
BOYNTON BEACH, FL 33435
STATE OF FLORIDA LICENSE # 59804
PH: 561-735-4598 *Paul J. Lopez*

PRECISION DRAFTING AND DESIGN INC
34 VISTA DEL RIO, BOYNTON BEACH, FLORIDA 33446
NORTH COUNTY (561) 733-0669
SOUTH COUNTY (561) 218-3038
AIBD CERTIFIED PROFESSIONAL BUILDING DESIGNER
CONSTRUCTION DOCUMENTS FOR
NEW HOMES - ADDITIONS - REMODELING
OWNER / DESIGNER B. DAVID FRANK

PROPOSED RESIDENCE FOR:
MOISE MOSES & SCHENETTER DESREVINES
SOUTHEAST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

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SCALE	AS NOTED
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JOB NO. 21905.09

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OF

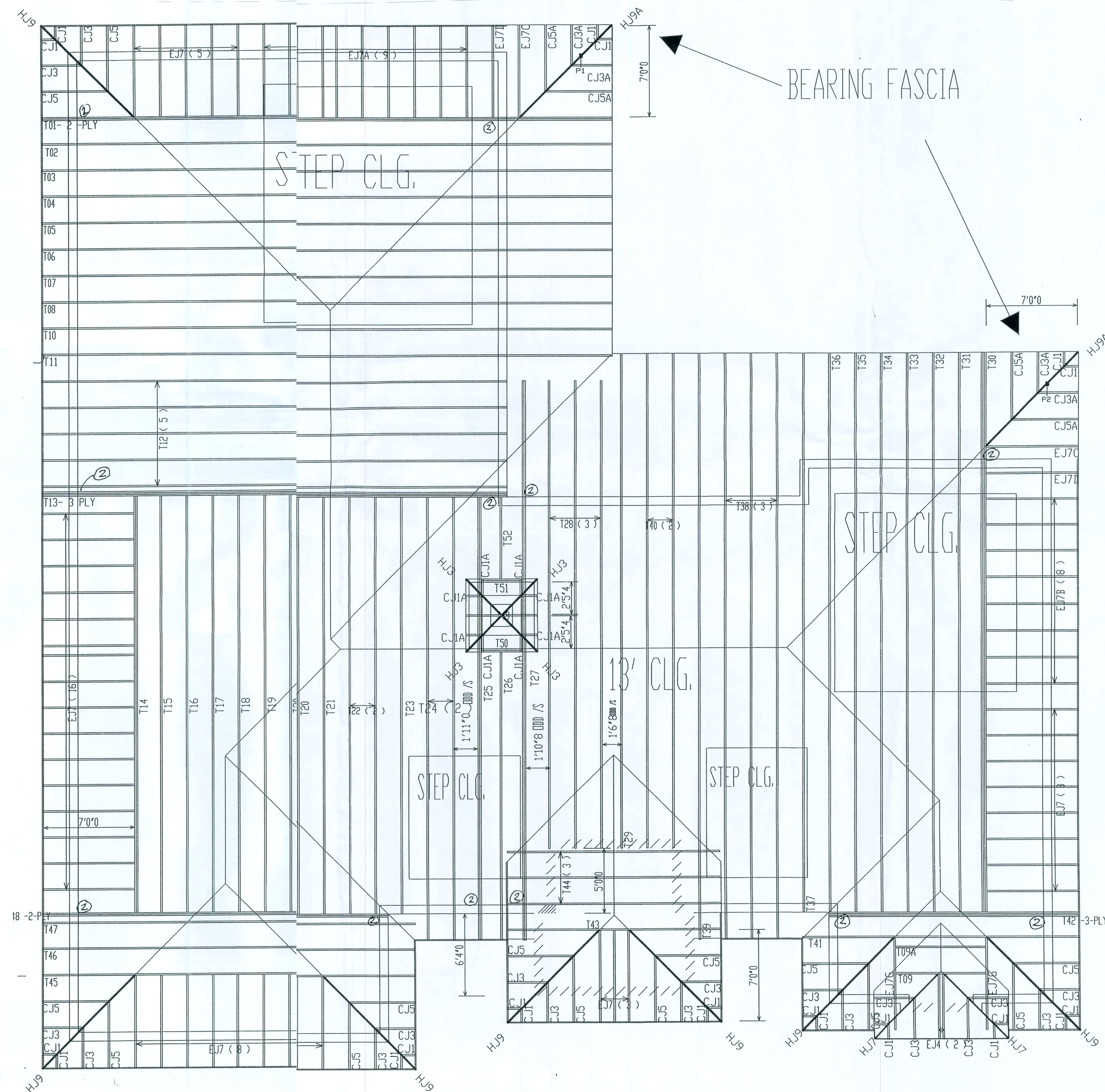
SHEETS

TRUSS ANCHOR SCHEDULE

MARK	TOTAL NO. OF ANCHORS	ANCHOR	ALLOWABLE UPLIFT	FASTENERS	CONDITION	MAX ACTUAL UPLIFT
①	1	SIMPSON HETAL6	1805 *	10-10d x 1 1/2"	IN NEW 'U' BLK BEAM	1509*
②	1	SIMPSON MGT	3965*	22-10d TO TRUSS & 5/8" DIA ALL THREAD EPOXY MIN 6" IN 'U' BLK	IN NEW 'U' BLK BEAM	2333*

NOTES:

1. TRUSS TO TRUSS CONECTORS SHALL BE SPECIFIED BY TRUSS CO.
2. ANCHOR ALL TRUSSES TO 'U' BLOCK BEAM W/ #1 UNLESS OTHERWISE NOTED



CONCRETE SHALL BE NORMAL WEIGHT CONCRETE EXCEPT UNLESS NOTED OTHERWISE. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS CURED FROM DATE OF POUR AS FOLLOWS:

FOUNDATIONS.....	2,500 P&I
SLABS-ON-GRADE.....	3,000 P&I
BEAMS & COLUMNS.....	3,000 P&I
LINTELS/ALL OTHER CONCRETE...	3,000 P&I

ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 7.

ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A105 AND SHALL BE LAPPED ONE FULL MESH PANEL PLUS 2 INCHES AT SIDES AND ENDS; AND WIRED TOGETHER.

CALCIUM CHLORIDE SHALL NOT BE ALLOWED AS AN ADMIXTURE.

REINFORCING SHALL LAP SPliced PER THE FOLLOWING TABLE:

BAR SIZE:	#3	#4	#5	#6	#7	#8
LAP DIMENSIONS:	22"	29"	36"	43"	63"	91"

ADDITION OF WATER TO CONCRETE AT THE JOB SITE IS PROHIBITED.

ALL CONCRETE WORK SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF ACI 315 AND ACI 301.

THE MINIMUM CONCRETE COVER TO REINFORCING SHALL BE AS FOLLOWS:

SLABS ON VAPOR BARRIER 3"
BEAMS AND COLUMNS 1-1/2"
FORMED CONCRETE BELOW GRADE ... 2"
UNIFORM CONCRETE BELOW GRADE ... 3"

HOOKS AT THE ENDS OF REINFORCING BARS SHALL BE OF THE FOLLOWING LENGTHS UNLESS NOTED OTHERWISE:

BAR SIZE: #3 #4 #5 #6 #7 #8
LAP DIMENSIONS: 6" 8" 10" 12" 14" 16"

WALL FOOTINGS SHALL EXTEND PAST THE END OF A WALL A MINIMUM OF 12 INCHES.

DESIGN, MATERIAL, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ACI 330 "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES" AND ACI 330.1 "SPECIFICATION FOR MASONRY STRUCTURES."

GROUT SHALL BE IN ACCORDANCE WITH ASTM C476 "STANDARD SPECIFICATION FOR GROUT FOR UNIT MASONRY." MORTAR SHALL BE IN ACCORDANCE WITH ASTM C270 "STANDARD SPECIFICATION FOR MORTAR FOR UNIT MASONRY."

THE MINIMUM COMPRESSIVE STRENGTH (F'M) OF MASONRY ASSEMBLIES SHALL BE 1,500 PSI AT 3 DAYS CURED FROM DATE OF POUR.

ALL VERTICAL REINFORCING STEEL BARS IN CMU WALLS SHALL BE CENTERED IN SOLID GROUT CELLS AND ANCHORED IN THE CONCRETE THICKENED SLAB OR FOUNDATION; AND IN THE TIE OR BOND BE1 AT THE TOP OF THE WALL WITH STANDARD HOOKS; AND SHALL BE CONTINUOUS THROUGH ALL WALL BEAMS.

ALL CMU REINFORCING STEEL BARS SHALL BE CONTINUOUS WITH LAP SPLICES OF AT LEAST 48 BAR DIAMETERS.

ALL CELLS ADJACENT TO DOORS, WINDOWS, OPENINGS, CORNERS AND AT THE END OF WALLS SHALL BE REINFORCED.

ALL VERTICAL REINFORCING SHALL BE #5 BARS SPACED AT A MAXIMUM 48" O.C. IN ALL WALLS UNLESS NOTED OTHERWISE ON DRAWINGS.

ALL VERTICAL REINFORCING SHALL BE INSTALLED AS FOLLOWS; PROVIDE CLEAN-OUT SPACE; BOTTOM OF CELL TO REINFORCED AND FILLED (AT LOCATION OF REINFORCING STEEL DOWEL IN FOUNDATIONS OR PREVIOUS CONCRETE PLACEMENT); COMPLETELY CLEAN OUT AND FLUSH CELL TO BE FILLED; INSTALL VERTICAL STEI AND TIE TO DOWEL AT BOTTOM AND TIE IN PLACE AT TOP; CLOSE CLEAN-OUT OPENING AND FILL WITH GROUT.

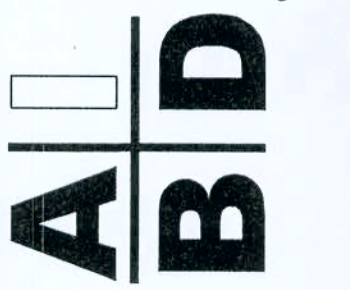
VERTICAL CELLS TO BE GROUTED SHALL HAVE A MINIMUM CLEAR DIMENSION OF 3-INCHES AND CLEAR AREA OF 10-SQUARE INCHES. GROUTING SHALL BE DONE IN A CONTINUOUS OPERATION IN LIFTS NOT EXCEEDING FIVE- FEET WITH A MINIMUM TOTAL POUR OF TWELVE- FEET. THE GROUT SHALL BE CONSOLIDATED BETWEEN LIFTS BY FUDDLING, RODDING OR MECHANICAL VIBRATION.

ALL CMU ELEMENTS SHALL BE ADEQUATELY BRACED TO PROVIDE STABILITY UNTIL THE ENTIRE STRUCTURE IS COMPLETE AND TO PREVENT DAMAGE DURING CONSTRUCTION ESPECIALLY DUE TO BACKFILLING AND SOIL COMPACTION OPERATIONS.

REINFORCING OVER MASONRY BOND BEAMS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS OF WALLS.
PROVIDE HOOK REINFORCING AND/OR SPLICE BARS.



REVISIONS DATE	BY
12/6/07	



STRUCTURAL ENGINEER:
LUIIS LOPEZ
405 MISSION HILL ROAD
BOYNTON BEACH, FL 33435
STATE OF FLORIDA LICENSE # 59804
PH: 561-135-4528

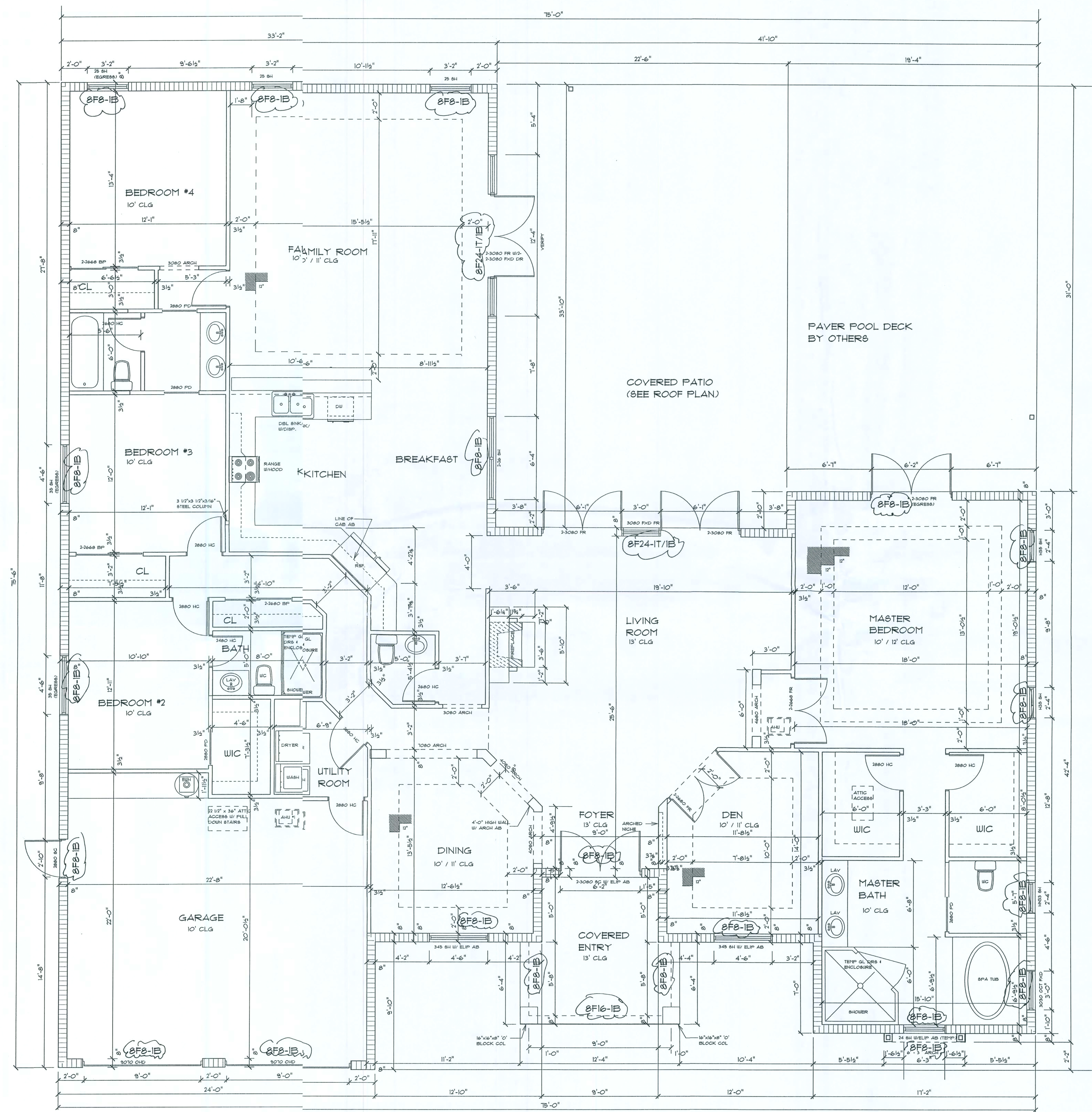
PRECISION DRAFTING AND DESIGN INC.
34 VISTA DEL RIO, BOYNTON BEACH, FLORIDA 33426
NORTH COUNTY (561) 733-0669
SOUTH COUNTY (561) 218-3038
A/E/C CERTIFIED PROFESSIONAL BUILDING DESIGNER
CONSTRUCTION DOCUMENTS FOR
NEW HOMES - ADDITIONS - REMODELING
OWNER / DESIGNER B. DAVID FRANK

PROPOSED RESIDENCE FOR:
MOISE MOSES & SCHENETTER DESREVINES
SOUTHWEST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

GLORY TO GOD

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SHEET
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SHEETS



EGRESS SCHEDULE:

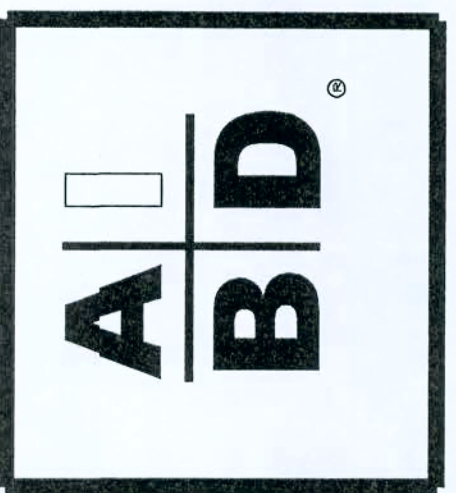
SYM.	SILL HEIGHT	CLEAR WIDTH	CLEAR HEIGHT	CLEAR SQ FT
25 BH	35" AFF	32 1/8"	26 11/16"	68 SQ FT
35 BH	35" AFF	49"	26 11/16"	63 SQ FT

LINTEL NOTE:

- ALL LINTELS SHALL HAVE A MIN 4" BEARING AT EA END

FLOOR PLAN 1/4 Sc.

REVISIONS	DATE	BY
12/6/07		



STRUCTURAL ENGINEER:
LUIS LOPEZ
405 MISSION HILL ROAD
BOYNTON BEACH, FL 33435
STATE OF FLORIDA LICENSE # 99904
PH: 561-735-4999

PRECISION DRAFTING AND DESIGN INC
241 VISTA DEL RIO, BOYNTON BEACH, FLORIDA 33426
NORTH COUNTY (561) 733-0669
SOUTH COUNTY (561) 278-3038
AIED CERTIFIED PROFESSIONAL BUILDING DESIGNER
CONSTRUCTION DOCUMENTS FOR
NEW HOMES - ADDITIONS - REMODELING
OWNER / DESIGNER B. DAVID FRANK

PROPOSED RESIDENCE FOR:
MIGUE MUESES & SCHENELIER DESKOVINES
SOUTHWEST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

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ELECTRICAL NOTES

1. CONTRACTOR SHALL VERIFY W/FPL THE LOCATION OF SERVICE AND SHALL LOCATE METER & PANELS AS REQUIRED
2. ALL WIRE SHALL HAVE THIN COPPER UNLESS OTHERWISE NOTED
3. WIRE REQUIRED BY CODES, SERVICE AND FEEDER CONDUCTIONS SHALL BE COPPER OF EQUAL AMPACITY
4. ALL BRANCH CIRCUITS IN RACEWAY OR NONMETALLIC SHATHED CABLE
5. COORDINATE RACEWAY INSTALLATIONS W/OTHER TRADES PRIOR TO CONSTRUCTION
6. VERIFY ALL CONDUCTORS AND BREAKERS W/EQUIPMEN MFG SPECS
7. PROVIDE DISCONNECT SWITCH OF SIZE AS REQUIRED BY LAD AND UNITS
8. PROVIDE NON-FUSIBLE GENERAL DUTY SAFTY SWITCHES 2 A/C EQUIP. AND AT PUMPS NOT VISIBLE FROM CIRCUIT BREAKER PAEL AND AS PER MFG RECOMMENDATIONS
9. PROVIDE GFI BREAKERS FOR ALL BATHROOMS, GARAGE AND EXTERIOR OUTLETS AS SHOWN ON PLANS
10. ELECTRICAL FIXTURES, TRIM AND APPLIANCES SHALL BE APPROVED AND AS SELECTED BY OWNER
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12. PROVIDE PRE-WIRED TV OUTLETS AS SHOWN ON PLANS
13. DEDICATE CIRCUITS SHALL HAVE NO MORE THAN 6 DUPLEX RECEPTICALS
14. ALL RECEPTICALS WITHIN 6'-0" OF SINK SHALL HAVE GFI OUTLETS
15. ALL CLOSET LIGHTING SHALL COMPLY WITH SEC. 410B
16. SMOKE DETECTORS SHALL BE HARD WIRED AND HAVE ELF CONTAINED BATTERY BACKUP. DETECTORS SHALL BE TANDEM WIRED SO ALL DETECTORS SOUND SIMULTANEOUSLY

200 AMP PANEL

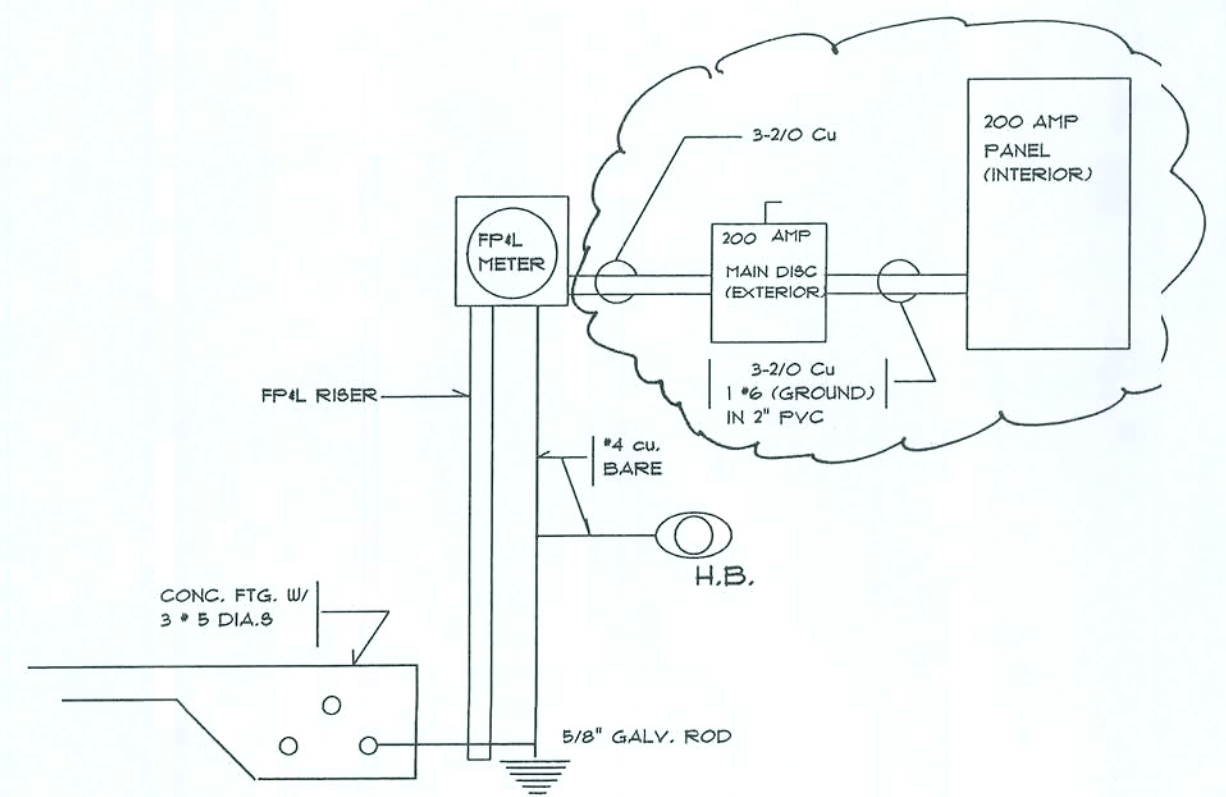
CIR.	DISCRIPTION	WIRE	TRIP	WATT	FILE
1-8	GENERAL LIGHT.				
	4 RECEPT @ 3				
	WATTS PER SQ. FT.				
	3426 SQ. FT.	14	15	10218	1
9,11	EWH	10	30	4500	2
10,12	RANGE	6	50	8500	2
13,15	DRYER	10	30	5000	2
14,16	IRRI PUMP	12	20	2300	2
17	DW	12	20	1200	1
18	DISP.	12	20	850	1
19	REF	12	20	800	1
20,22	POOL PUMP FUTURE	12	20	2300	2
21	LAUNDRY	12	20	1500	1
23	KIT. APP	12	20	4500	2
24	OHDO	14	15	2400	1
25	CLG FANS	14	15	1600	1
	TOTAL			46205	
26,28	AC / HEAT	8	40	7500	2
27,29	AC / HEAT	8	40	7500	2

TOTAL DEMAND (WATTS)

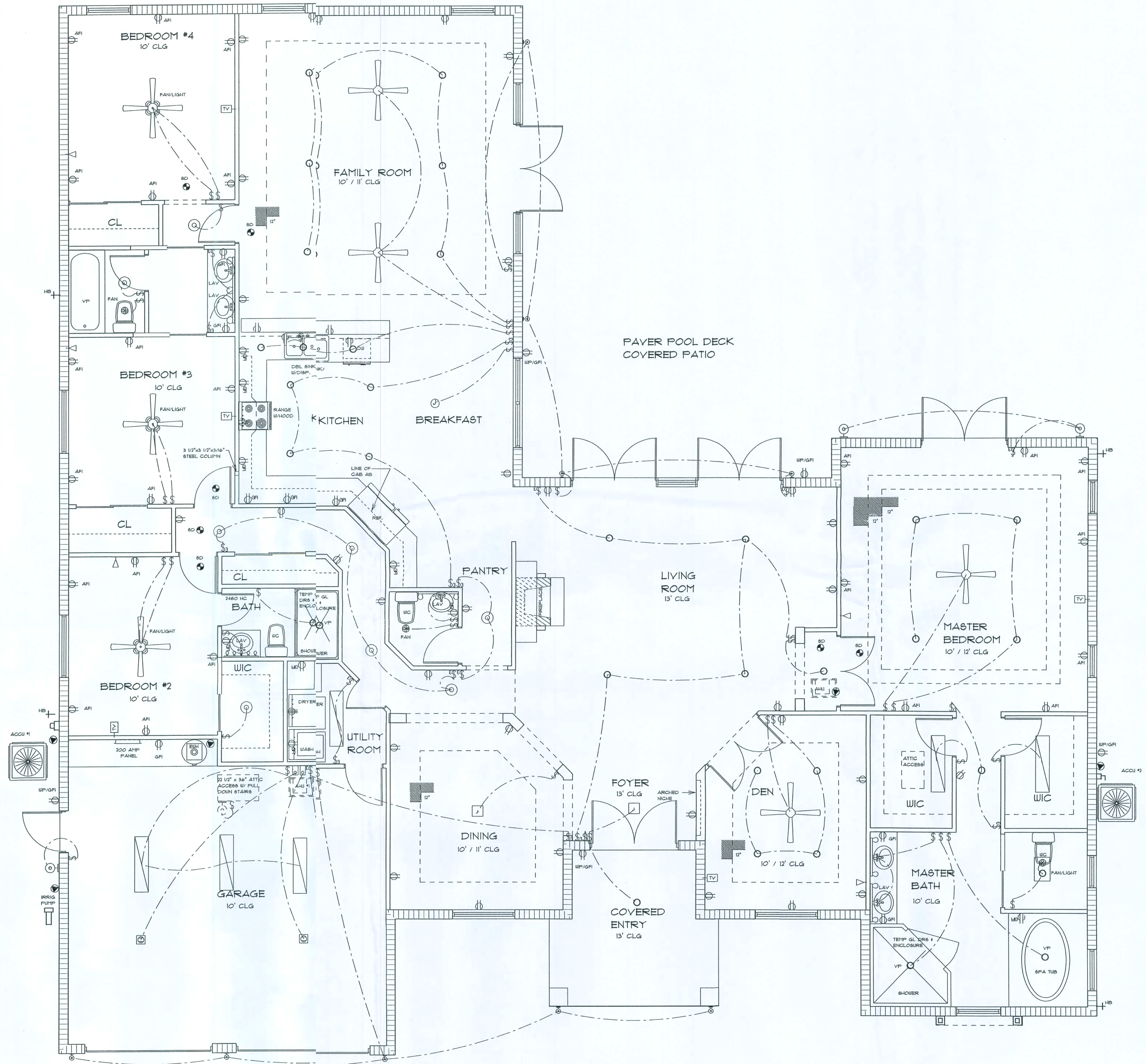
DEMAND FACTOR:

FIRST 10,000 W. @ 100% 10,000 WATTS
BALANCE 36205 @ 40 % 14482 WATTS

24482 WATTS/240 VOLTS 103 AMPS
AC 15,000 WATTS/230 VOLTS 66 AMPS
TOTAL DEMAND 169 AMPS

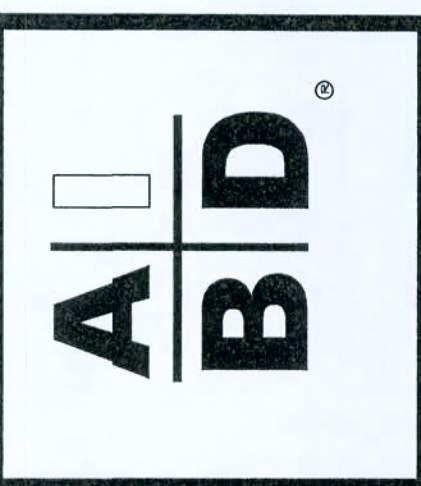


ELECTRICAL RISER N.T.S.



ELECTRICAL PLAN 1/4 Sc.

REVISIONS	DATE	BY
	12/6/07	



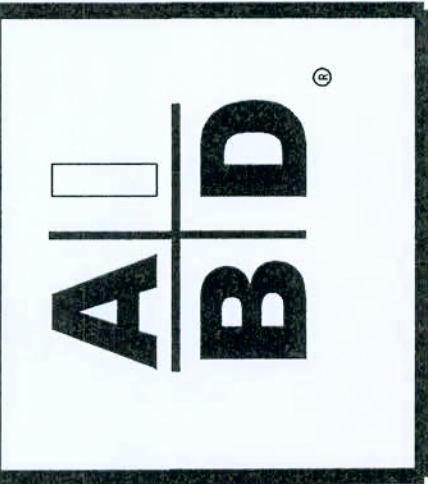
STRUCTURAL ENGINEER:
LUIS LOPEZ
405 MISSION HILL ROAD
BOYNTON BEACH, FL 33435
STATE OF FLORIDA LICENSE # 59804
FBI 561-155-4598

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AIBD CERTIFIED PROFESSIONAL BUILDING DESIGNER
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NEW HOMES - ADDITIONS - REMODELING
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PROPOSED RESIDENCE FOR:
MIGUEL MOSES & SCHENNETTER DESREVINES
SOUTHWEST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

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405 MISSION HILL ROAD
BOYNTON BEACH, FL 33435
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PROPOSED RESIDENCE FOR:
MOSE MOSES & SCHENETTER DESREVINES
SOUTHWEST NAUTILUS ROAD
COLUMBIA COUNTY, FLORIDA

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TRUSS ANCHOR SCHEDULE

MARK	TOTAL NO. OF ANCHORS	ANCHOR	ALLOWABLE UPLIFT	FASTENERS	CONDITION	MAX ACTUAL UPLIFT
①	1	SIMPSON HETAL6	1805 *	10-10d x 1 1/2"	IN NEW 'U' BLK BEAM	1509*
②	1	SIMPSON TGT	3965*	22-10d TO TRUSS + 5/8" DIA ALL THREAD EPOXY MIN 6" IN 'U' BLK	IN NEW 'U' BLK BEAM	2333*

NOTES:

1. TRUSS TO TRUSS CONNECTORS SHALL BE SPECIFIED BY TRUSS CO.
2. ANCHOR ALL TRUSSES TO 'U' BLOCK BEAM W/ #1 UNLESS OTHERWISE NOTED

