

ARCHITECTURAL GENERAL NOTES:

1. WORK SHALL INCLUDE ALL ITEMS (BUILDING AND SITE) INDICATED ON THESE DRAWINGS UNLESS OTHERWISE NOTED.
2. DO NOT SCALE DRAWINGS. DIMENSIONS REQUIRING CLARIFICATION SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO PROCEEDING WITH CONSTRUCTION. ALL DIMENSIONS ARE FROM FINISHED FACE OF EXISTING DRYWALL TO FACE OF NEW NEW STUD FRAMING, STUD FRAMING TO STUD FRAMING.
3. CONTRACTOR SHALL MAINTAIN A SAFE MEANS OF EGRESS FOR CONSTRUCTION TRADES DURING ALL PHASES OF CONSTRUCTION. AT ALL TIMES, EGRESS DOORS SHALL REMAIN CLEAR OF CONSTRUCTION DEBRIS AND EQUIPMENT.
4. CONTRACTOR SHALL MAINTAIN TEMPORARY ELECTRICAL, WATER AND SANITARY FACILITIES FOR THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH BUILDING OWNER LOCATION FOR DELIVERY AND STORAGE OF CONSTRUCTION EQUIPMENT AND MATERIALS.
5. DEPOSITS AND FEES: DEPOSITS FOR UTILITIES INCLUDING WATER METER, TELEPHONE AND ELECTRICAL SERVICE SHALL BE MADE BY THE CONTRACTOR. PERMIT FEES, AS REQUIRED, SHALL BE PAID BY THE CONTRACTOR FOR THAT PORTION OF THE WORK.
6. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM THE JOB SITE AND LEAVE THE BUILDING BROOM CLEANED "DAILY". ALL GLASS SHALL BE THOROUGHLY CLEANED AT COMPLETION OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CARPET CLEANING. PAINT SPOOLS AND OTHER CONSTRUCTION MARKS SHALL BE REMOVED FROM ALL FINISHED SURFACES. UPON COMPLETION OF THE JOB (OR PRIOR TO ANY THREE DAY HOLIDAYS) ALL AREAS WHERE WORK WAS PERFORMED SHALL BE CLEAN OF DUST, CONSTRUCTION DEBRIS AND GARBAGE.
7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL CODES, RULES, REGULATIONS AND RESTRICTIONS HAVING JURISDICTION. CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PROMPTLY UPON OBSERVANCE OF ANY VARIATION BETWEEN THE CONTRACT DOCUMENTS AND ANY DIMENSIONS AND CONDITIONS ON THE JOB. ARCHITECT SHALL BE NOTIFIED IN WRITING UPON OBSERVANCE OF ANY VARIATION BETWEEN CONTRACT DOCUMENTS AND ANY APPLICABLE CODES OR ORDINANCES OF REGULATORY AGENCIES.
8. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN (1) ONE YEAR FROM DATE OF ACCEPTANCE. CORRECTION OF DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND IN A TIMELY MANNER. THIS SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION MAY HAVE BEEN DAMAGED THEREBY.

(ARCHITECTURAL GENERAL NOTES CONTINUED:)

9. CONSTRUCTION MATERIALS SHALL BE NEW AND BEAR UNDERWRITER'S LABEL WHERE APPLICABLE.
10. CONTRACTOR SHALL REVIEW REQUIREMENTS OF CABINETS, EQUIPMENT, PLUMBING AND ELECTRICAL FIXTURES FOR EACH LOCATION WITH THE OWNER.
11. ALL EXISTING FINISHES AND OTHER COMPONENTS DAMAGED DURING DEMOLITION AND/OR NEW CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ORIGINAL CONDITION AT NO COST TO THE OWNER.
12. CAULK ALL JOINTS OF DOOR FRAMES, WINDOW FRAMES, CASEWORK AND CABINETS, ETC. PRIOR TO FINAL PAINT.
13. ALL INTERIOR FINISHES SHALL HAVE A U.L. CLASS "C" FLAME SPREAD RATING. ALL INTERIOR WOOD BLOCKING SHALL BE 2 x MATERIAL.
14. CONTRACTOR SHALL COORDINATE AND VERIFY THAT ACCESS PANELS ARE INSTALLED IN WALLS AND NON-ACCESSIBLE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING OR ELECTRICAL ITEMS SHALL BE REQUIRED. ACCESS PANELS SHALL BE FIRE RATED SIMILAR TO THAT OF THE ASSEMBLY IN WHICH THEY OCCUR.

partition wall

210.8 FT

partition 6" thick

10.4 FT

CMU wall

187.6 FT

Floor

1,662.0 SQ FT

Roofing

2,293.6 SQ FT

porch

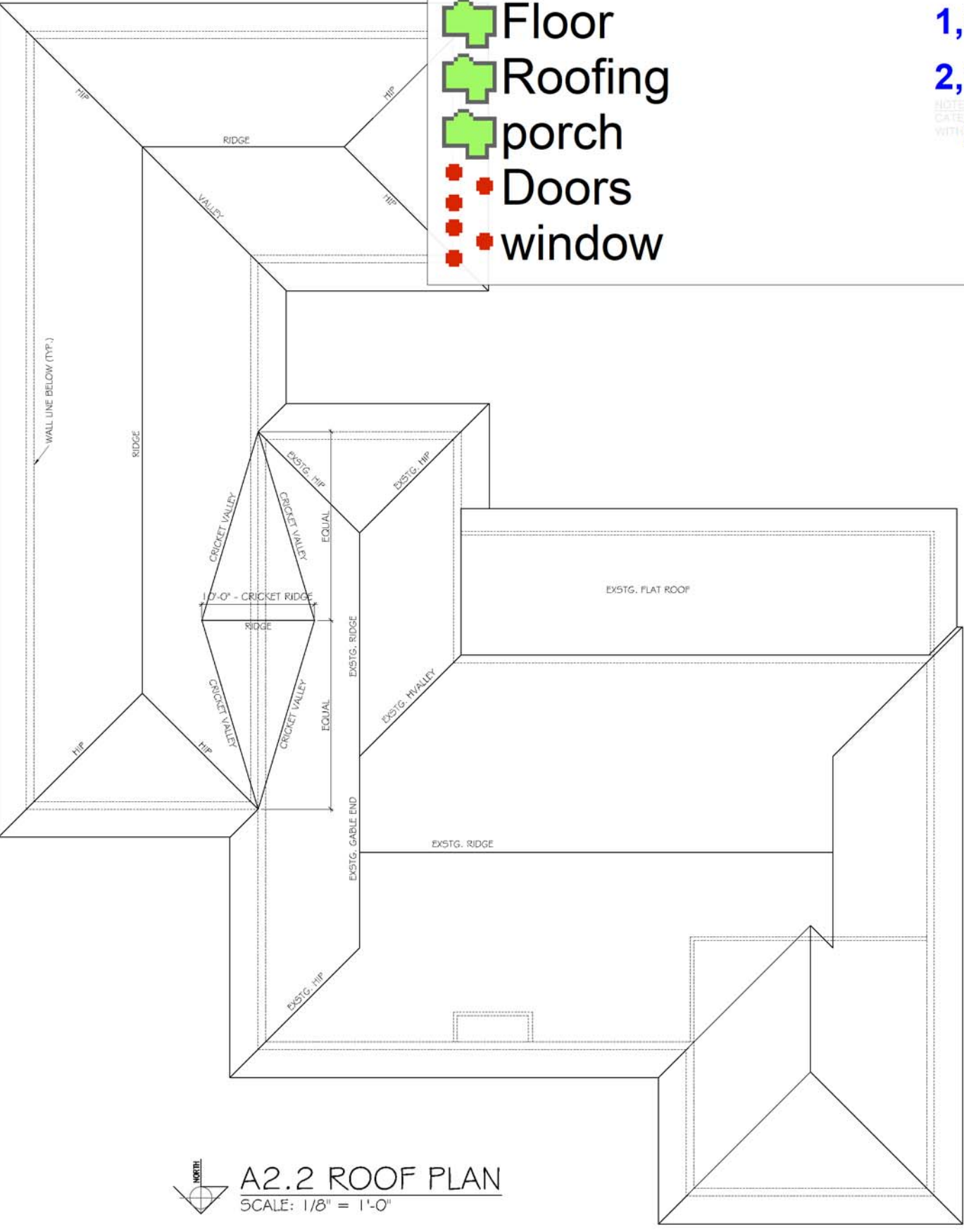
203.0 SQ FT

Doors

17.0

window

7.0



Floor Area	Exs'g. Air Conditioned SF	2,232	1,789	492	19	462	
	Addition Air Conditioned SF						
Area Totals	Exs'g. Garage SF	2,232	1,789	492	19	462	
	Exs'g. Entry Porch SF						
	Exs'g. Covered Patio SF						
	Total Gross Area (A/C and Non-A/C)						4,994

AREA CALCULATIONS  
(Area Calculations Shall Be Verified)



A2.1 FLOOR PLAN - ALTERATIONS / ADDITION  
SCALE: 3/16" = 1'-0"

Revisions		
No.	Date	Description
01		
02		
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INTERIOR ALTERATIONS  
AND 1-STORY ADDITION TO THE  
PARRY RESIDENCE  
3626 Lowson Boulevard  
Delray Beach, Florida 33445

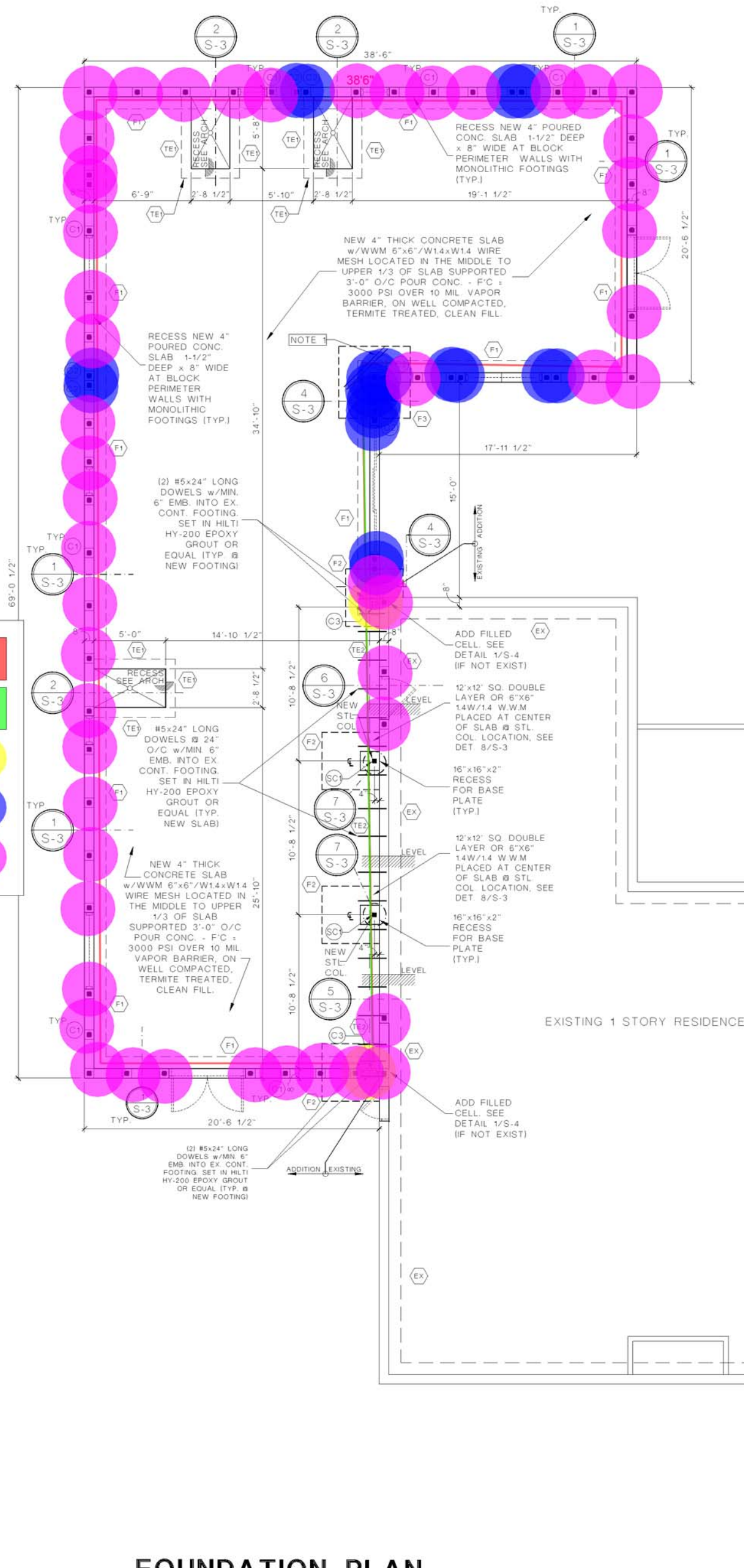
Date: 6.19.2023  
Sheet Title:  
FLOOR PLAN - DEMOLITION /  
ADDITION, ROOF PLAN,  
ARCHITECTURAL NOTES  
Sheet Number:  
**A2**

city approval stamp



FOUNDATION NOTES:

- THIS FOUNDATION DESIGN IS DONE ACCORDING TO GEOTECHNICAL ENGINEERING EVALUATION REPORT PROVIDED BY **FEDERAL ENGINEERING & TESTING INC.** ORDER NUMBER: 23580292 DATED **JUNE 12, 2023**. DESIGN IS BASED ON RECOMMENDED 2500 PSF SOIL CAPACITY. IT IS GENERAL CONTRACTOR'S RESPONSIBILITY TO FOLLOW THE PROCEDURES RECOMMENDED BY GEOTECHNICAL ENGINEER IN ORDER TO GET PROPOSED SOIL CONDITIONS AND GET A FOLLOW UP SOIL REPORT AFTER THE DEMOLITION OF EXISTING STRUCTURE ON THE SITE AS RECOMMENDED BY NUTTING. SUBMIT REPORTS TO ARCHITECT AND ENGINEER. AND MATERIAL BE ENCOUNTERED, THE ENGINEER/ ARCHITECT SHALL BE NOTIFIED BEFORE PROCEEDING WORK.
- THE FOUNDATION HAS BEEN DESIGNED SO THAT THE PRESSURE DUE TO THE COMBINED DEAD LOAD, LIVE LOAD, AND WIND LOADS (ECCENTRIC OR OTHERWISE) DOES NOT EXCEED THE ALLOWABLE SOIL BEARING VALUE (2,500 PSF).
- BASED ON THE RESULTS OF THE RATIONAL ANALYSIS, IT HAS BEEN DETERMINED THAT THE TRANSFER BARS ARE NOT REQUIRED, EXCEPT WHERE DETAILED.
- SPLICES IN REINFORCING BARS SHALL BE NOT LESS THAN 36 BAR DIAMETERS AND REINFORCEMENT SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION. CONTINUITY SHALL BE PROVIDED AT CORNERS OR CHANGES IN DIRECTION BY BENDING THE LONGITUDINAL STEEL AROUND THE CORNER 48 BAR DIAMETERS OR BY ADDING MATCHING REINFORCING STEEL, WHICH SHALL EXTEND 48 BAR DIAMETERS FROM EACH CORNER OR CHANGE IN DIRECTION WHEN THREE OR MORE BARS ARE REQ'D. THE BARS SHALL BE HELD IN PLACE AND ALIGNMENT BY TRANSVERSE BARS OR 'CHAIRS' SPACED NOT MORE THAN FOUR FEET APART.



FOUNDATION PLAN

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

CONTRACTOR TO VERIFY ALL SETBACKS DIMENSIONS AND LOCATIONS PRIOR TO CONSTRUCTION AND TO VERIFY ALL FLOOR AND GRADE ELEVATIONS.

VERIFY ALL DIMENSIONS AT FIELD

NOTE: REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DIMENSION INFORMATION. DOOR AND WINDOW ROUGH OPENINGS REQUIRE VERIFICATION BY THE CONTRACTOR PRIOR TO BUILDING. ARCHITECT/ENGINEER WILL NOT BE RESPONSIBLE FOR ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND WINDOW / DOOR SUPPLIER DATA.

ADHESIVE ANCHORING INSTALLATION NOTE:

REFER TO MANUFACTURER'S SPECIFICATIONS FOR FURTHER INFORMATION.  
**HOLE PREPARATION:**  
DRILL HOLE TO SPECIFIED DIAMETER AND DEPTH (USE 1/2" DRILL BIT FOR #4 REBAR, SEE PLAN FOR LENGTH OF HOLE, 3/4" DRILL FOR #5 REBAR).  
REMOVE DUST FROM HOLE WITH OIL FREE COMPRESSED AIR FOR A MINIMUM OF 4 SECONDS.  
BRUSH CLEAN WITH A NYLON BRUSH FOR A MINIMUM OF 4 CYCLES.  
**FILLING THE HOLE:**  
INSTALL ADHESIVE RETAINING CAP TO END OF HOLE.  
FILL HOLE 1/2 - 2/3 FULL, STARTING FROM BOTTOM OF HOLE TO PREVENT AIR POCKETS. WITHDRAW NOZZLE AS HOLE FILLS UP.  
INSERT CLEAN, OIL FREE REBAR (SEE PLAN), TURNING SLOWLY UNTIL THE ANCHOR CONTACTS THE BOTTOM OF HOLE.  
DO NOT DISTURB ANCHOR UNTIL FULLY CURED.

TERMITE PROTECTION

TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES, INCLUDING SOIL-APPLIED PESTICIDES, BAITING SYSTEMS AND PESTICIDES APPLIED TO WOOD, OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE AS A PREVENTATIVE TREATMENT TO NEW CONSTRUCTION. UPON COMPLETION OF THE APPLICATION OF THE TERMITE PROTECTIVE TREATMENT, A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN ACCORDANCE WITH RULES AND LAWS ESTABLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

NOTE 1:

(2) #4 x 4'-0" LONG REBAR TOP & BOTTOM  
(PLACED CENTERED @ CORNER AND 1' INWARDS)  
1" CLEARANCE FROM TOP & 2" CLEARANCE FROM BOTTOM  
TYP. @ ALL REINFRANT CORNERS FOR CRACK PREVENTION  
V.I.F. DENOTES VERIFY IN FIELD

FOOTING SCHEDULE	
F'c = 3,000 PSI (MIN. CONCRETE COMPRESSIVE STRENGTH)	
F1	18"W x 16"D MONOLITHIC FOOTING w/ (2) #5 BOT. CONT. w/DBL REINF. FOR 60" @ PERIMETER (TYP. @ 1-STORY WALLS U.N.O.) (SEE DETAIL 1/S-3)
F2	4'-0"W x 4'-0"Wx16"D FOOTING EXTENSION w/#5's @ 6" O/C TOP & BOT. E.W.
F3	6'0"W x 6'0"W x 16"D PAD FTG. w/ (8) #5 REBARS E.W. BOT.
TE1	8" x THICKENED EDGE FTG. @ SHOWER RECESS w/(1) #5 CONT. (SEE DETAIL 2/S-3)
TE2	8" x 8" THICKENED EDGE FTG. w/(1) #5 CONT. (SEE DETAIL 556/S-3)
EX	EXISTING CONT. CONC. WALL FOOTING (VERIFY IN FIELD)

COLUMN SCHEDULE	
F'c = 4,000 PSI (MIN. CONCRETE COMPRESSIVE STRENGTH)	
C1	8" x 8" CONC. BLK. FILLED CELL W/ (1) #5 BAR CONT. FROM BEAM TO FOOTING/CONC. BEAM (SEE PLAN FOR LOCATION AND SPACING)
C2	8" x 8" CONC. BLK. FILLED CELL W/ (1) #7 BAR CONT. FROM BEAM TO FOOTING/CONC. BEAM (SEE PLAN FOR LOCATION AND SPACING)
C3	8" x 16" NEW CONC. COL W/ (6) #5 VERT. CONT. FROM BEAM TO FOOTING & #3 TIES @ 8" O.C. ADD NEW #5x20" LONG HORIZONTAL DOWELS FROM NEW COLUMN TO EXISTING CMU FILLED CELLS @ 12" O/C AND 3" AWAY FROM ENDS. w/ MIN. 6" EMB. INTO EXISTING CONCRETE SET w/HLTI HIT-HY200 OR EQUAL EPOXY GROUT. (SEE PLAN)
SC1	HSS 4" x 4" x 1/2" STL. COL. Fy=50 KSI

edge thicknees  
8" thickness  
C3  
c2  
c1

208.3 FT  
48.6 FT  
2.0  
18.0  
52.0

E ENGINEERING  
PLUS

TAYLAN KALKAN, PE  
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BOCA RATON, FL 33498  
(561) 756 4106  
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FL P.E. 67349 C.A. 26538

Issue Date:		
Revisions		
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CUSTOMER: DEGVILLE BROS. JOB: PARRY ADDITION

INTERIOR ALTERATIONS  
AND 1-STORY ADDITION TO THE  
PARRY RESIDENCE  
3626 Lowson Boulevard  
Delray Beach, Florida 33445

Date:  
06.15.23

Sheet Title:

FOUNDATION PLAN

Sheet Number:

S-1





SMOKE-CARBON DETECTORS SHALL BE LOCATED AND IDENTIFIED (FDC 907.2.10.1)(FRC 214 AND 318) DETECTORS

NEC 210.8 ALL CIRCUITS FOR BATHROOMS, KITCHEN, GARAGE, OUTDOOR, ETC. SHALL BE GROUND-FAULT INTERRUPTOR (GFI) PROTECTED.

NOTE:  
ALL RECEPTACLES SHALL BE "TAMPER RESISTANT"  
PER NEC 406.11.

NOTE:  
RECESSED LIGHTING SHALL BE LED TYPE AND LIST  
IC AND AIR TIGHT (FRC-E 402.4.8).

NOTE:  
ELECTRICAL CONTRACTOR SHALL VERIFY ALL SWITCHING FOR LIGHTS,  
ETC. AND PROVIDE MARK-UP TO ARCHITECT FOR AS-BUILT CONDITIONS

NOTE:  
CIRCUITS FOR NEW RECEPTACLES, LIGHTING, ETC., TO BE CONNECTED TO  
EXISTING CIRCUIT(S) AS REQUIRED. ELECTRICAL CONTRACTOR TO PROVIDE

NOTE:  
ELECTRICAL CONTRACTOR SHALL PROVIDE MARK-UP FOR AS-BUILT CONDITIONS  
FOR ANY LIGHT FIXTURES, ETC. ADDED BY THE OWNER NOT INDICATED ON THE PLANS  
IF REQUIRED BY THE BUILDING DEPARTMENT.

E1.1 ELECTRICAL FLOOR PLAN - ALTERATIONS/ADDITION  
SCALE: 3/16" = 1'-0"



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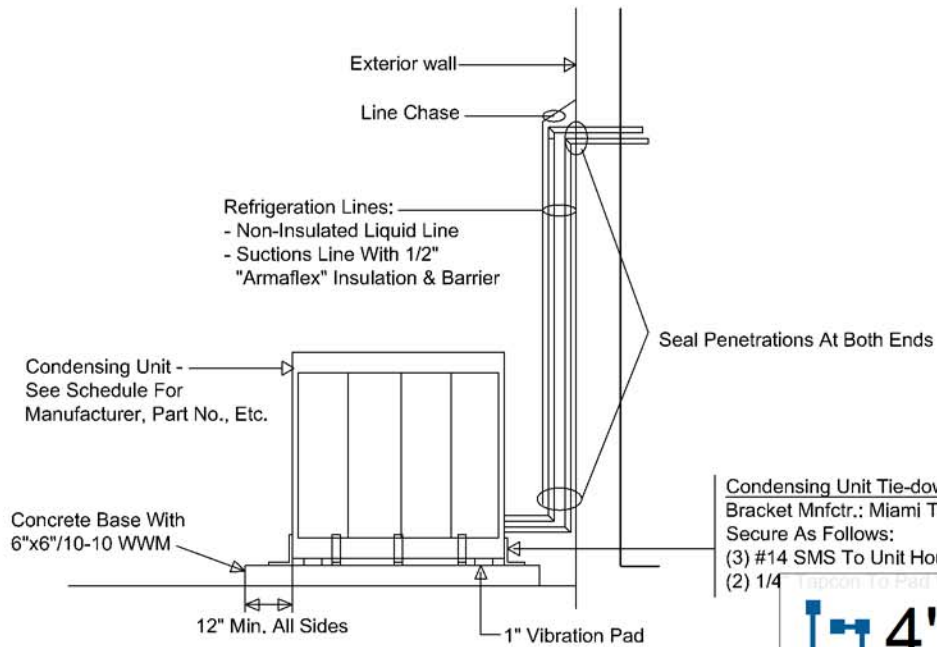
INTERIOR ALTERATIONS  
AND 1-STORY ADDITION TO THE  
PARRY RESIDENCE  
3626 Lowson Boulevard  
Delray Beach, Florida 33445

Date: 6.19.2023

**Sheet Title:**  
ELECTRICAL PLAN - ADDITION,  
PANEL SCHEDULE,  
ELECTRICAL RISER,  
ELECTRICAL NOTES

Sheet Number:  
**E1**



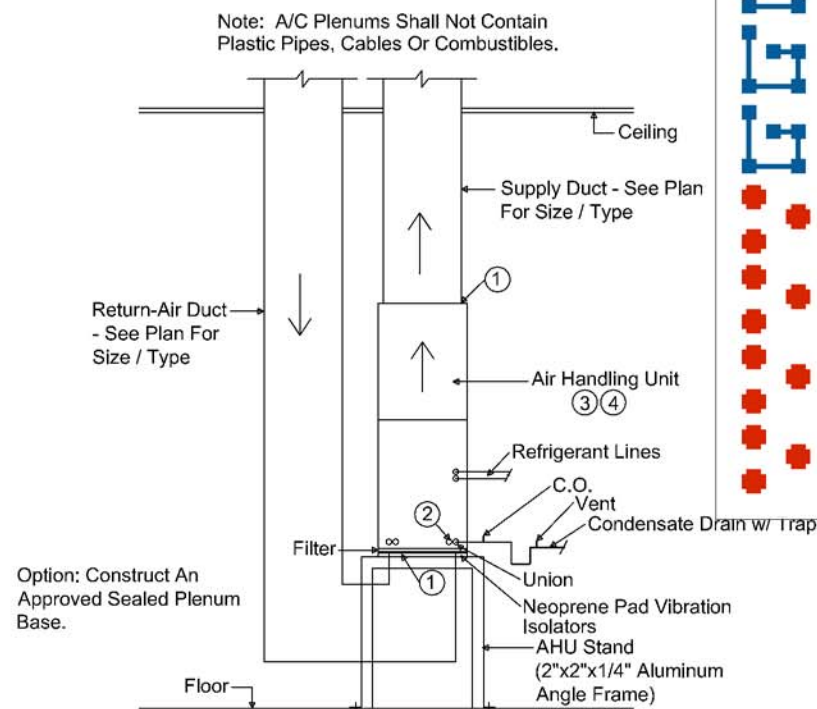


### CONDENSING UNIT DETAIL

NOTES:  
Number of Tie-down Clips each side per side width.

Unit Side Dimension	No. of Tie-down Clips
Less than 12"	1
12" to 24"	2
24" to 36"	3
36" to 48"	4
48" to 60"	5

Condensing Unit Tie-down:  
Bracket Mnfctr.: Miami Tech Products "CUTD"  
Secure As Follows:  
(3) #14 SMS To Unit Housing  
(2) 1/4"



### AIR HANDLER UNIT DETAIL (Up Flow)(Ducted Return)

- NOTES:
- AHU Shall Be Mechanically Attached To Supply Air Plenum. All Joints Between Sections Of Air Ducts And Plenums, Between Intermediate And Terminal, Fittings And Other Components Of Air Distribution System And Between Subsections Of These Components Shall Be Mechanically Fastened To Secure Sections Independently Of The Closure System.
  - Primary And Secondary Drain Pan Of AHU To Be Equipped With A Water-Level Detection Device, Wired Into Fan Control Circuit, That Will Shut Off The Equipment Served Prior To Overflow Of The Pan.
  - AHU To Have 3" Minimum Clearance All Around Te Unit, With a Total Width Of The Enclosing Space Being At Least 12" Wider Than AHU As Per M1305.1.1 Florida Building Code, 7th Edition (2020) Residential.
  - See Schedule For Manufacturer, Part No., Etc.

Job Name: Parry Addition  
Job Address: 3626 Lowson Blvd.  
Delray Beach, Florida 33445

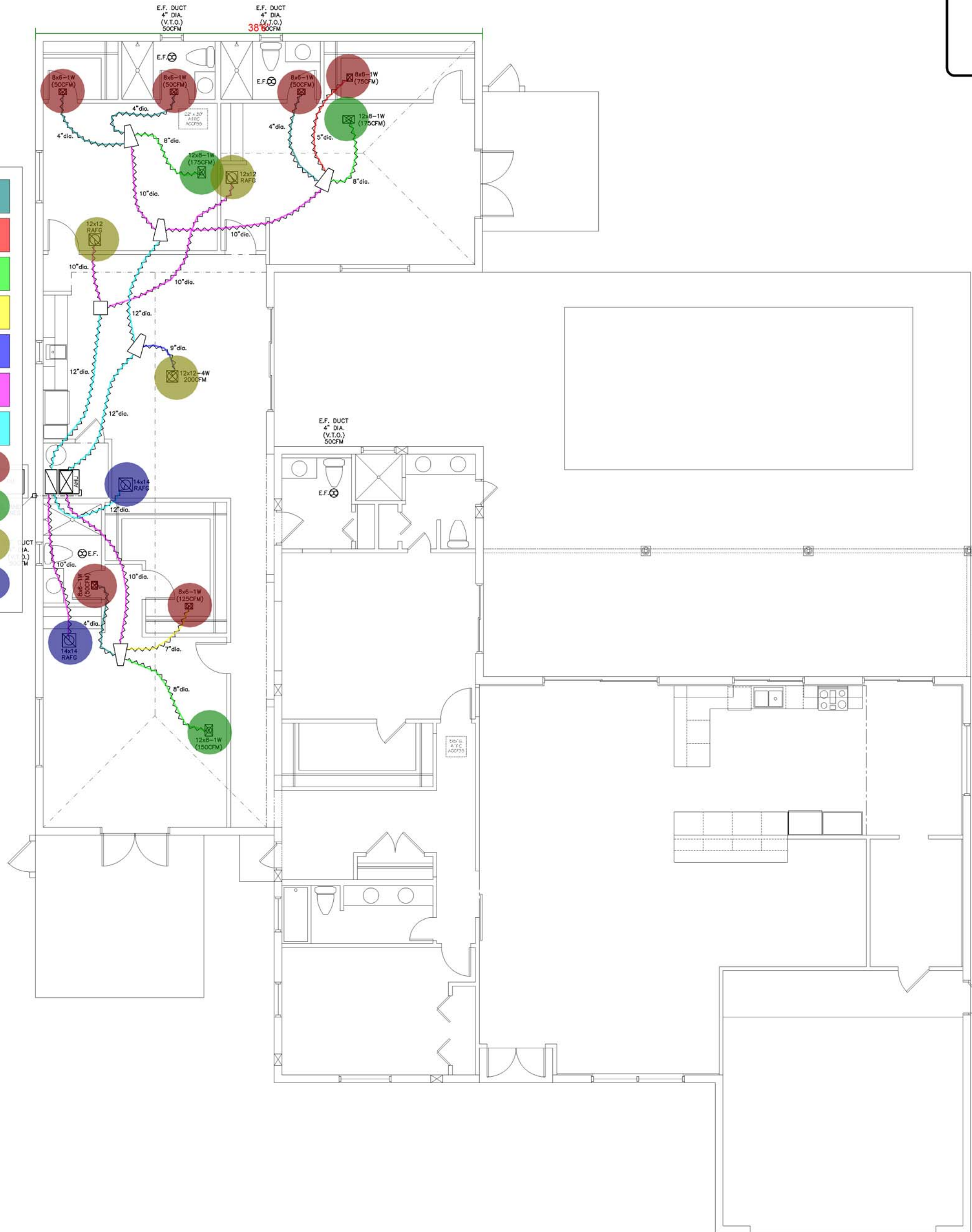
Equipment Manufacturer: Ruud  
System #1 (Up-Flow): 3 Ton - 16.0 S.E.E.R. 2  
Condenser Model: #RA14A236  
Air Unit Model: #RH2T23617  
Heat Type: Electric - 10 KW  
Refrigerant Line Size: 3/4" Suction / 3/8" Liquid  
Total BTU/H - 34,000 Load Conditions per Manual J Calc.  
Sensible BTU/H - 24,500 Total Gain - 31,101 BTU/H  
Latent BTU/H - 9,500 Sensible Gain - 25,551 BTU/H  
Latent Gain - 5,550 BTU/H

A/C Notes:  
Drain Line Sizes - 3/4" PVC  
Insulate Drain Lines on all horizontal runs  
Exhaust Fans - 50 CFM or 7 ACH  
All Ductwork to be supported at minimum 5' Intervals  
All Ductwork in non conditioned space to be R-6 Insulation  
Provide Ridged Ductboard at all floor and ceiling penetrations  
Provide emergency drain pans or approved float switch shut down at air unit (FMC 104.2.1)  
Provide 4" thick concrete or approved lightweight pad for condenser mounting  
All Refrigerant Line insulation - .5" thick per table 4-11FBC

Energy Code Compliance Requirements -  
1. Duct Testing - Min. .05 QN  
2. Programmable Electronic Thermostat  
3. Envelope Tightness Testing - No Greater Than 7.00 ACH50

CCI Energy Services - #453 / CAC039653

4" duct work	32.1 FT
5" ductwork	9.0 FT
8" ductwork	23.3 FT
7" ductwork	6.9 FT
9" ductwork	3.8 FT
10" ductwork	70.0 FT
12" ductwork	43.2 FT
8x6 Diffuser	6.0
12x8 Diffuser	3.0
12x12 diffuser	3.0
14x14 Diffuser	2.0



M.I.1 MECHANICAL PLAN - ADDITION  
SCALE: 3/16" = 1'-0"

Revisions		
No.	Date	Description
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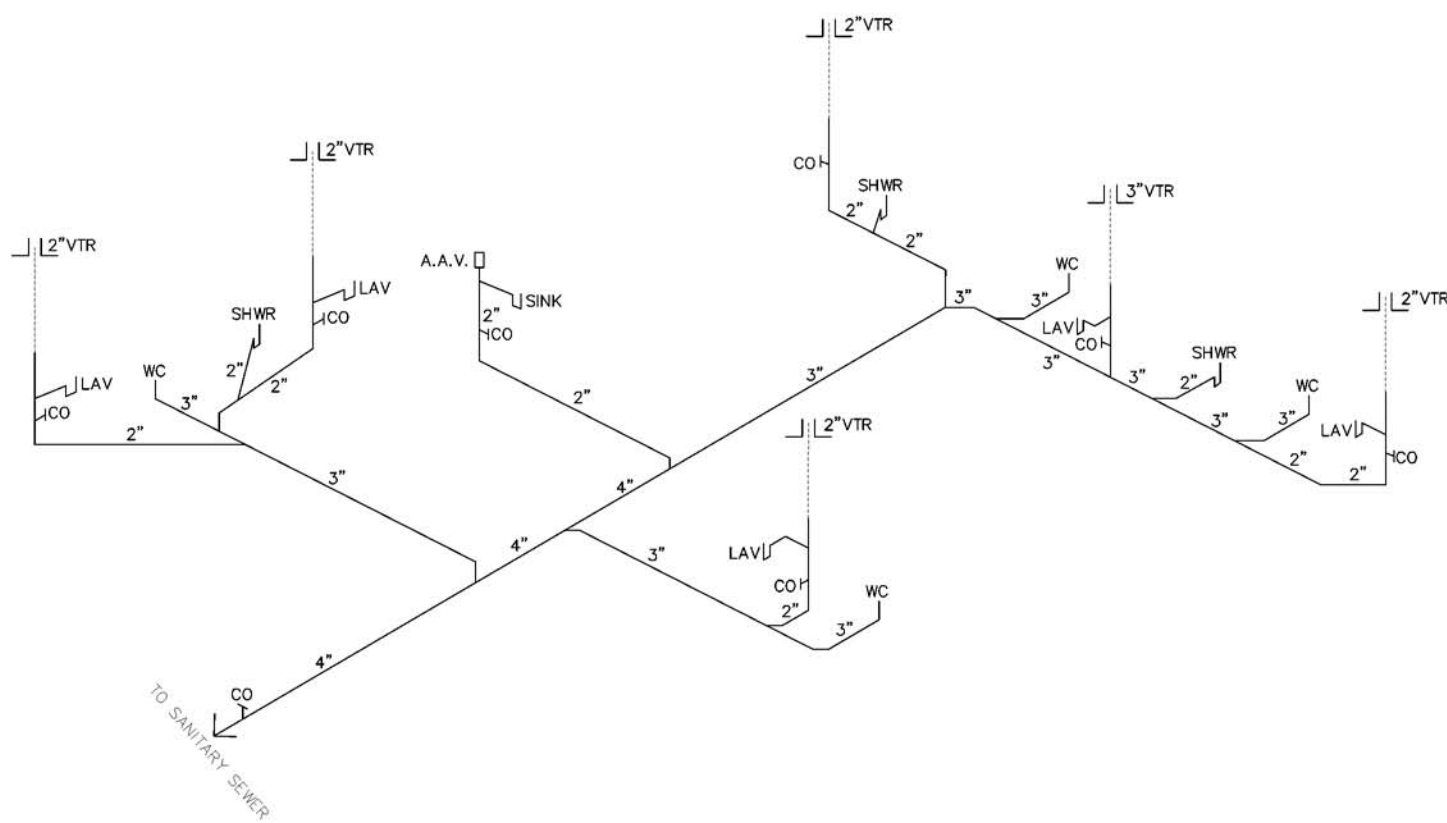
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INTERIOR ALTERATIONS  
AND 1-STORY ADDITION TO THE  
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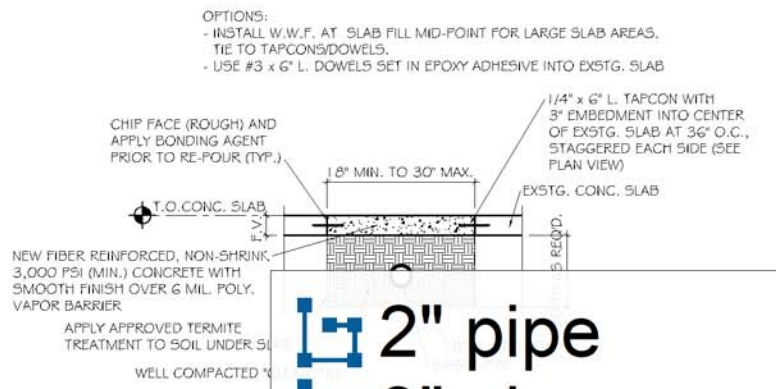
Date: 6.19.2023  
Sheet Title:  
MECHANICAL PLAN - ADDITION,  
UNIT SPECIFICATION,  
AHU / CU DETAILS

Sheet Number:  
**M1**





P1.2 WASTE RISER - ADDITION  
SCALE: N.T.S.



P1.3 SLAB REPAIR DETAIL  
SCALE: N.T.S.

2" pipe

3" pipe

4" pipe

Lavatory

shower

water closet

sink

vent

41.0 FT

59.4 FT

51.8 FT

4.0

3.0

4.0

1.0

4.0

P1.1 PLUMBING PLAN - WASTE - ADDITION  
SCALE: 3/16 inch = 1'-0 inch

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Date: 6.19.2023  
Sheet Title:  
PLUMBING PLAN - WASTE -  
ADDITION,  
WASTE RISER - ADDITION,  
SLAB REPAIR DETAIL  
Sheet Number:  
**P1**

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SIZE (INCHES)	MIN. SLOPE (INCH PER FOOT)
2 1/2 OR LESS	1/4
3 TO 6	1/8
8 OR LARGER	1/16

PLUMBING FIXTURE OR FITTING	MAXIMUM FLOW RATE OR QUANTITY
LAVATORY, PRIVATE	1.5 GPM AT 60 PSI
SINK FAUCET	2.2 GPM AT 60 PSI
WATER CLOSET	1.6 GALLON PER FLUSHING CYCLE
SHOWER HEAD	2.5 GPM AT 80 PSI

SIZE OF TRAP (inches)	SLOPE (inch per foot)	DISTANCE FROM TAP (feet)
1-1/4"	1/4"	5'
1-1/2"	1/4"	6'
2"	1/4"	8'
3"	1/8"	12'
4"	1/8"	16'

FIXTURE TYPE	NO.	F.U. EACH	TOTAL
WATER CLOSET	4	3	12
LAVATORY	4	1	4
SHOWER	3	2	6
SINK	1	2	2
TOTAL			24

SANITARY BUILDING DRAIN PIPE = 4"

WATER SUPPLY FIXTURE UNIT VALUES TABLE P2903.6				
FIXTURE TYPE	NO.	LOAD VALUES IN WATER SUPPLY FIXTURE UNITS	TOTAL	
		HOT WATER	COLD WATER	COMBINED
WATER CLOSET	4	-	2.2	2.2
LAVATORY	4	0.5	0.5	0.7
SHOWER	3	1.0	1.0	1.4
SWR	1	1.0	1.0	1.4
MIN. WATER PIPE DIAMETER REQUIRED = 3/4"		TOTAL 17.2		

NOTE:  
PLUMBING CONTRACTOR SHALL VERIFY EXACT SIZE AND LOCATION OF WATER MAIN AND WATER METER AT THE SITE. CHECK/COORDINATE WITH CIVIL PLANS.  
NOTE:  
WATER SERVICE TO COMPLY WITH 2020 FBC-P, SECTION 603.2.1.  
NOTE:  
2020 FBC-P, SECTION 604.9 WATER HAMMER.  
THE FLOW VELOCITY OF WATER DISTRIBUTION SYSTEM SHALL BE CONTROLLED TO REDUCE THE POSSIBILITY OF WATER HAMMER. A WATER HAMMER ARRESTOR

 CW	113.1 FT
 HW	105.4 FT
 CW 1/2" Horizontal	60.7 FT
 HW 1/2" Horizontal	31.0 FT

PROVIDE 3/4"(MIN.) COLD/HOT LINES TO WATER HEATER.  
NOTE:  
VERIFY WITH MANUFACTURER.  
NOTE:  
PROVIDE 1/2" COLD/HOT LINES WITH ANGLE STOP VALVES AT LAVATORY/SINK.  
NOTE:  
PROVIDE 1/2" COLD LINE WITH ANGLE STOP VALVE AT WATER CLOSET.  
NOTE:  
PROVIDE 1/2" COLD/HOT LINES TO ALL SHOWER VALVES. SHOWER VALVES SHALL BE THERMOSTATIC CONTROLLED.  
NOTE:  
PROVIDE 1/2" COLD WATER LINE TO EXTERIOR HOSE BIBB

#### WATER HEATER NOTES:

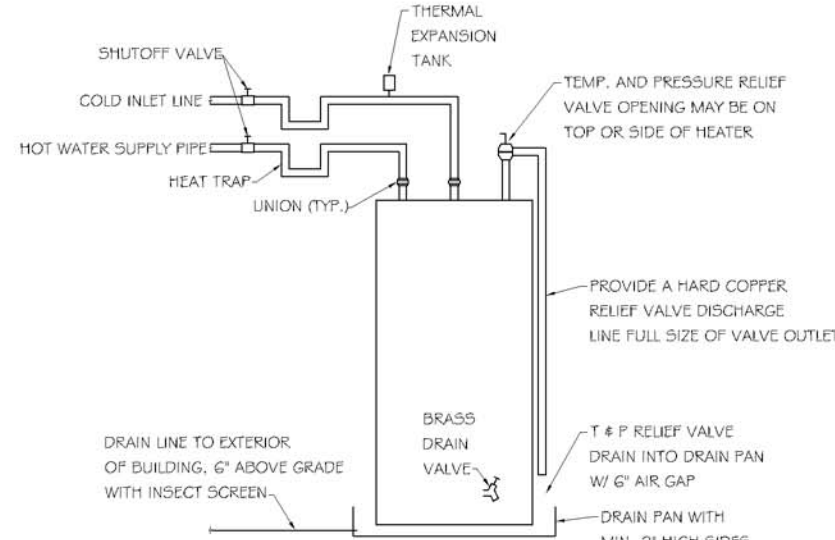
INSTALL POTABLE WATER EXPANSION TANK, HYDRONIC DET-12.  
(2020 FBC - PLUMBING, 7th EDITION - SEC. 607.3)

SET WATER TEMPERATURE AT 110 DEGREES.

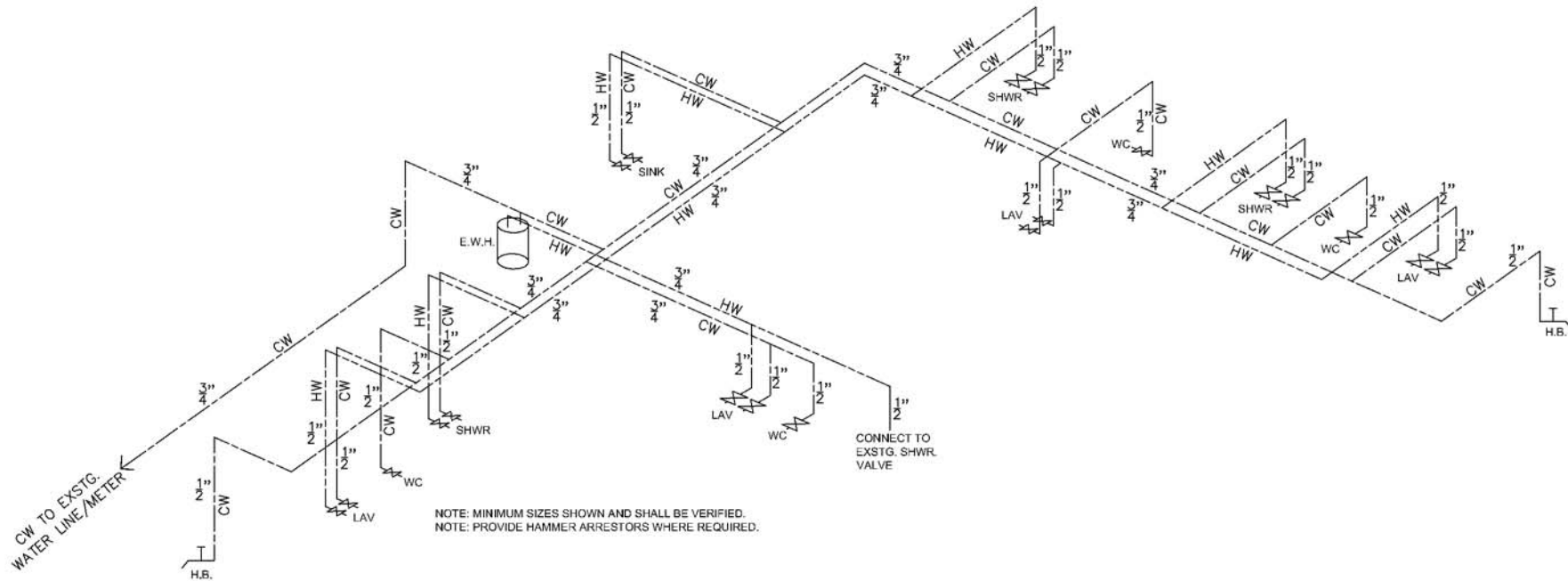
THE PAN SHALL NOT BE LESS THAN 1-1/2" DEEP AND SHALL BE OF SUFFICIENT SIZE AND SHAPE TO RECEIVE ALL CONDENSATE FROM WATER HEATER. THE PAN SHALL BE DRAINED BY AN INDIRECT WASTE PIPE HAVING A MINIMUM DIAMETER OF 3/4". (2017 FBC - PLUMBING, SEC. 504.7.1)

WATER HEATER SHALL BE INSTALLED IN A GALVANIZED STEEL OR OTHER METAL PAN HAVING A MINIMUM THICKNESS OF 0.0276". ELECTRIC WATER HEATERS SHALL BE INSTALLED IN A METAL PAN AS REQUIRED BY 2020FBC OR IN A HIGH-IMPACT PLASTIC PAN OF AT LEAST 0.0625" THICKNESS. (2020 FBC - PLUMBING, 7th EDITION - SEC 504.7)

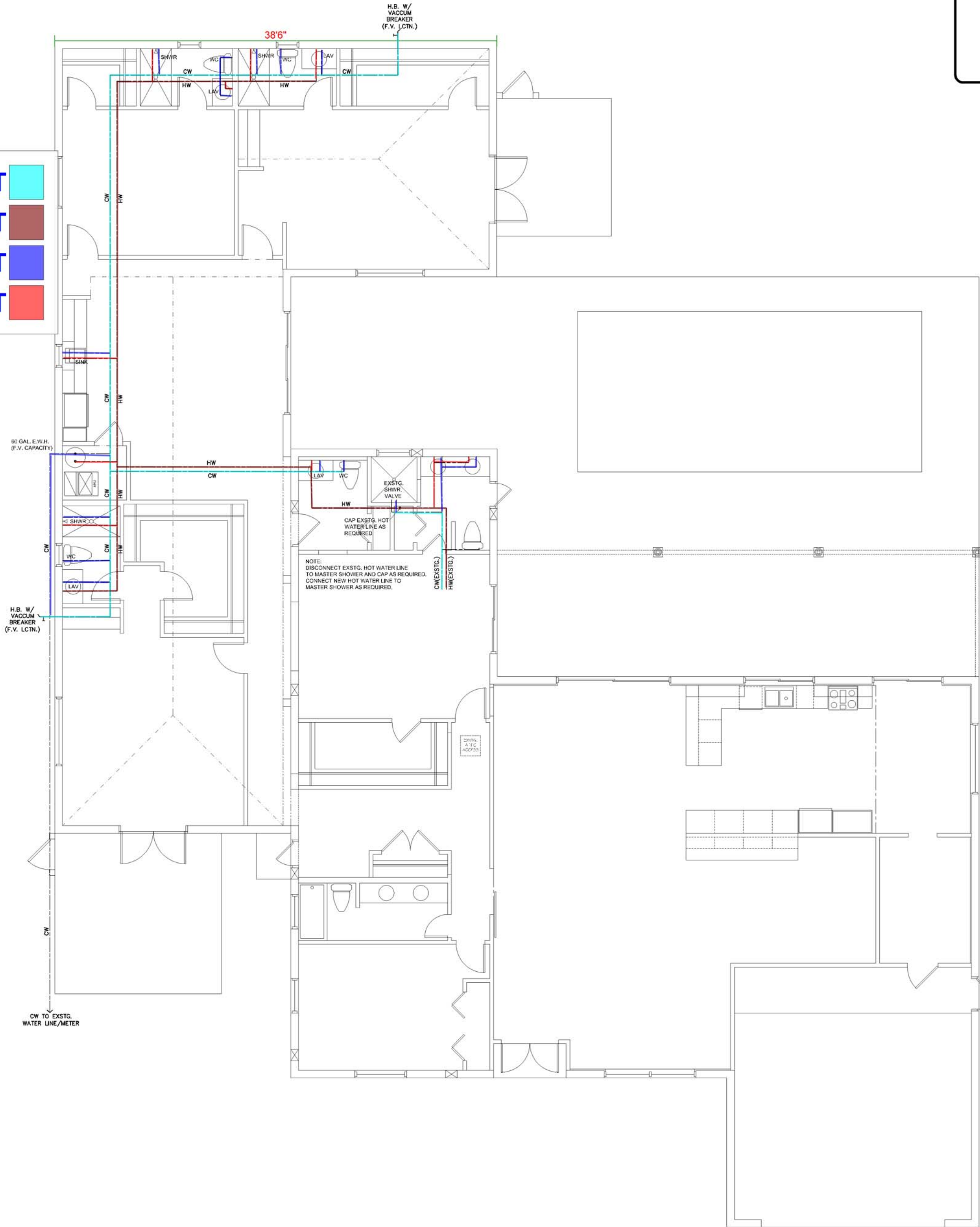
THE RELIEF VALVE SHALL DISCHARGE FULL SIZE TO A SAFE PLACE OF DISPOSAL. THE DISCHARGE PIPE SHALL NOT HAVE ANY TRAPPED SECTIONS AND SHALL HAVE A VISIBLE AIR GAP LOCATED IN THE SAME ROOM AS THE WATER HEATER (2020 FBC - PLUMBING, 7th EDITION - SEC. 504.6)



ELECTRIC WATER HEATER DETAIL  
NOT TO SCALE



P2.2 WATER RISER - ADDITION  
SCALE: N.T.S.



P2.1 PLUMBING PLAN - WATER - ADDITION  
SCALE: 3/16" = 1'-0"

Issue Date:		
Revisions		
No.	Date	Description
01		
02		
03		
04		
05		
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09		
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CUSTOMER: DECVILLE BROS. JOB: PARRY ADDITION

INTERIOR ALTERATIONS  
AND 1-STORY ADDITION TO THE  
PARRY RESIDENCE  
3626 Lowson Boulevard  
Delray Beach, Florida 33445

Date: 6.19.2023  
Sheet Title:  
PLUMBING PLAN - WATER -  
ADDITION,  
WATER RISER - ADDITION,  
E.W.H. DETAIL, SCHEDULES  
Sheet Number:  
**P2**