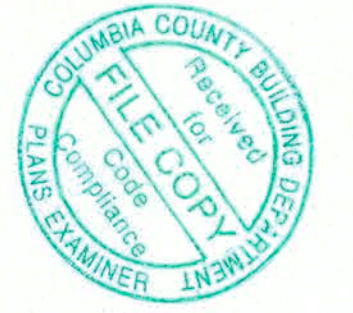


PALMS MEDICAL GROUP  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA

DRAWING INDEX

CS.1	COVER SHEET, DRAWING INDEX	A.6	REFLECTED CEILING PLAN	F.1	PLUMBING TRENCHING PLAN
		A.7	MEZZANINE FRAMING PLAN	F.2	PLUMBING DRAINAGE PLAN
LSP.1	LIFE SAFETY PLAN	A.8	TYPICAL WALL SECTIONS	F.3	PLUMBING WATER DISTRIBUTION PLAN
		A.9	TYPICAL BUILDING SECTION	F.4	PLUMBING DETAILS
G.1	GENERAL NOTES	A.10	TYPICAL BUILDING SECTION		
G.2	GENERAL NOTES	A.11	TYPICAL FRAMING DETAILS	M.1	HVAC MECHANICAL PLAN
G.3	GENERAL INFORMATION	A.12	DOOR AND WINDOW SCHEDULES	M.2	MEZZANINE HVAC PLAN AND SCHEDULES
A.1	EXTERIOR ELEVATIONS	A.13	INTERIOR ELEVATIONS	M.3	HVAC DETAILS
A.2	EXTERIOR ELEVATIONS	A.14	INTERIOR ELEVATION		
A.3	FLOOR PLAN	S.1	FOUNDATION PLAN	E.1	ELECTRICAL POWER PLAN
A.4	DIMENSION PLAN	S.2	STRUCTURAL SECTIONS AND DETAILS	E.2	ELECTRICAL LIGHTING PLAN
A.5	MEZZANINE FLOOR PLAN	S.3	METAL FRAMING DETAILS	E.3	MEZZANINE PLAN, RISER & CALCULATIONS
		S.4	METAL ROOF DETAILS		



APPROVED (Signature)  
DATE: 8/15/19

REVISION:

DRAWN:  
DJR

NEW BUILDING RENOVATION FOR:  
PALMS MEDICAL GROUP  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Cover Sheet

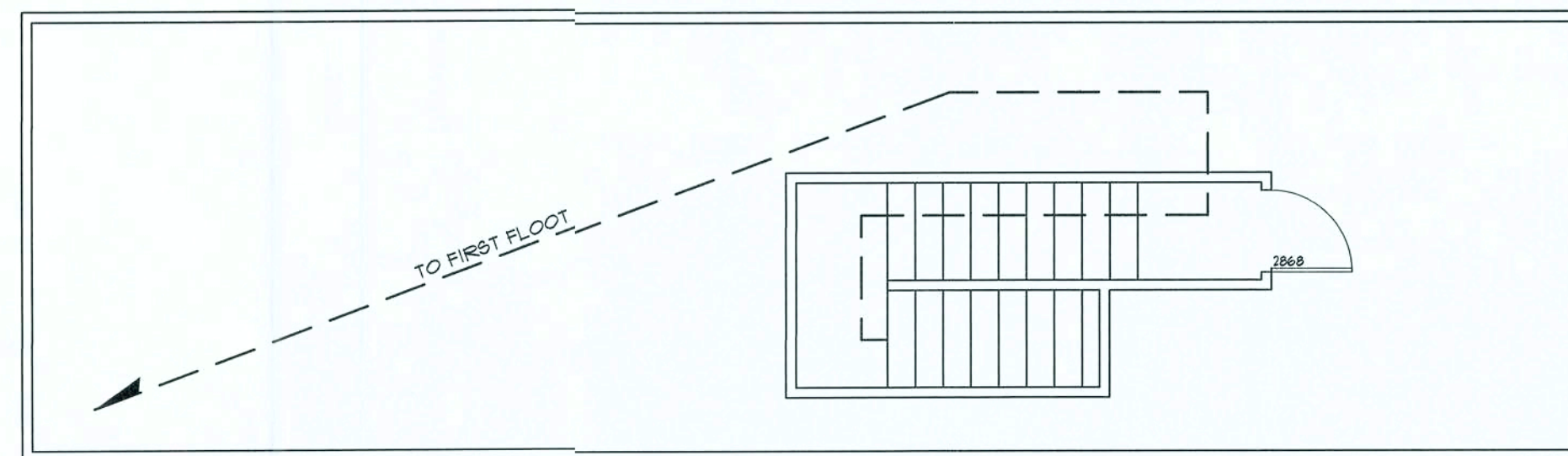
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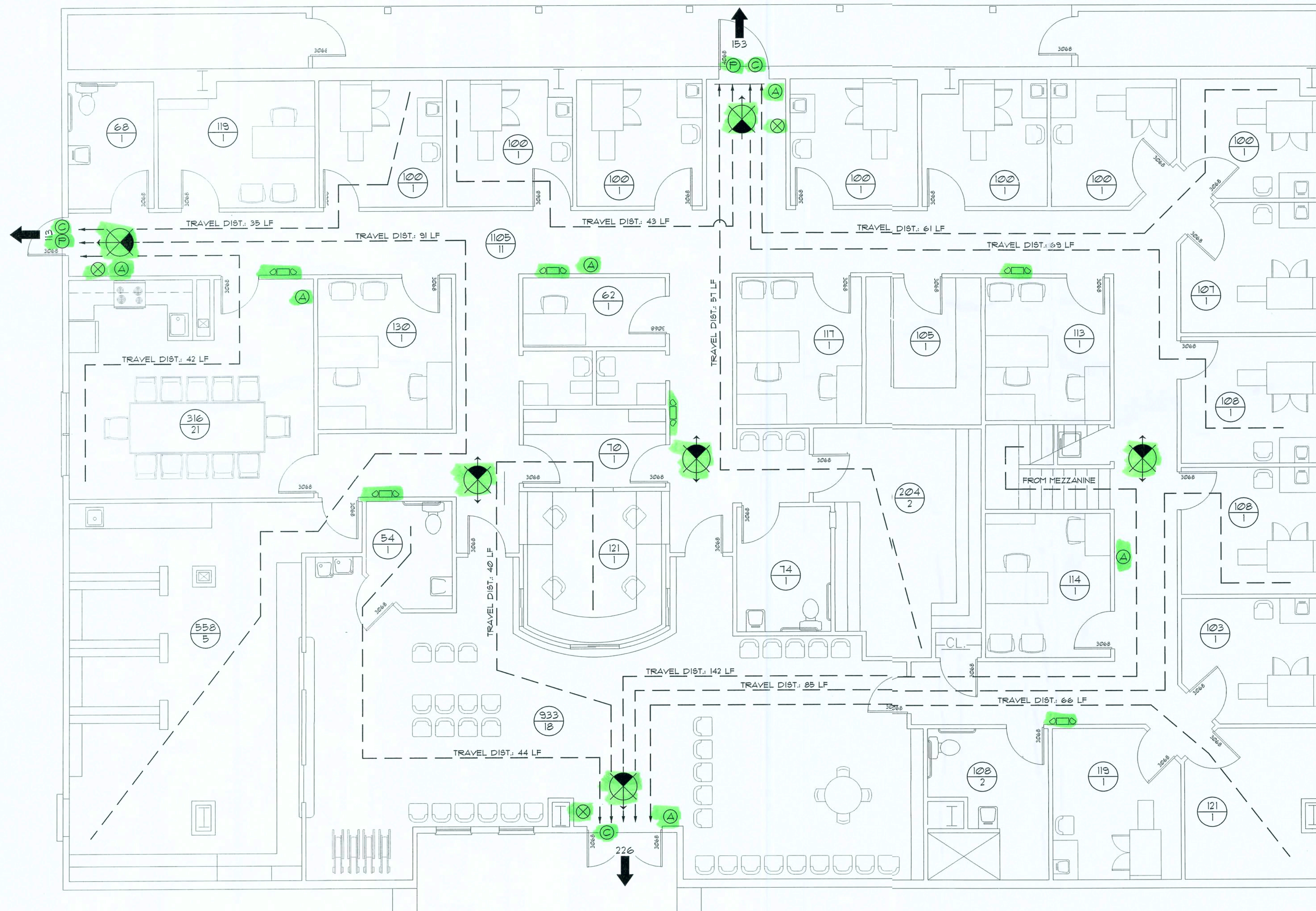
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MEZZANINE MECH/ELEC DECK  
SCALE: 3/16" = 1'-0"



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



2017 FBC-BUILDING, TABLE 1004.1.1

MAXIMUM FLOOR AREA ALLOWABLE PER OCCUPANT  
OCCUPANCY : FIRST FLOOR - VARI CARPET ONE - MERCHANTILE/BUSINESS

OCCUPANCY CLASSIFICATION	FLOOR AREA	OCCUPANCY BASIS	NUMBER OF OCCUPANTS
LOBBY	933.0	1/50 SF	6
RECEPTION	120.1	1/100 SF	1
PHARMACY	599.1	1/100 SF	1
CONFERENCE	316.8	1/15 SF	18
(12) EXAM ROOMS	1265.8	1/50 SF	4
(4) PROVIDER ROOMS	462.0	1/50 SF	3
TRIAGE	47.2	1/50 SF	3
RECORDS OFFICE	63.8	1/100 SF	2
LABORATORY	293.5	1/100 SF	2
MANAGERS OFFICE	118.8	1/300 SF	2
STAFF OFFICE	125.0	1/300 SF	2
CLERKS OFFICE	67.3	1/300 SF	1
NURSES STATION	106.9	1/500 SF	1
RESTROOMS	308.4	1/300 SF	1
CORRIDORS	1104.9	1/500 SF	1
MECHANICAL / ELECTRICAL	615.2	1/500 SF	1
BUILDING TOTALS:	6015.8		54

EXIT WIDTH CALCULATION

DESIGN OCCUPANCY:  
REQUIRED EXIT WIDTH:  
# 0.30' / OCCUPANT = 54 X 0.30' = 16.2'  
EXIT WIDTH PROVIDED:  
BUILDING: 3 DOORS @ 34" / DOOR = 102"  
1 DOOR @ 46" = 46"  
TOTAL DOOR WIDTH = 148"

PROVIDED EXIT CAPACITY:  
FACILITY AREA: 148' X 0.30' = 44.4 OCCUPANTS

FIRE/INTRUSION ALARM SYSTEM

THIS BUILDING SHALL BE EQUIPPED WITH A SELF-CONTAINED FIRE ALARM - INTRUSION ALARM SYSTEM THE OPERATION OF WHICH SHALL ALERT THE BUILDING OCCUPANTS AND NOTIFY THE 911 EMERGENCY RESPONSE SYSTEM. EQUIPMENT AND SERVICE PROVIDER SHALL BE AS SELECTED BY THE OWNER. DETAILS OF INSTALLATION SHALL BE VIA SHOP DRAWINGS AND OPERATING FEATURES SHALL BE AS REQUIRED BY NFPA 101, 2011 EDITION, "LIFE SAFETY CODE" SECTION 403.4

EXIT ACCESS TRAVEL DISTANCE PER FBC 101, TABLE 1011.2  
OCCUPANCY - BUSINESS  
200 FT. (W/O SPRINKLER SYSTEM)  
300 FT. (W/SPRINKLER SYSTEM)

NOTE!  
TRAVEL DISTANCES SHOWN ARE MAXIMUM FOR EMERGENCY EGRESS, SECONDARY EGRESS AND NON-EMERGENCY EGRESS - ALL OTHER TRAVEL DISTANCES ARE LESS THAN THAT SHOWN

NOTE!  
EMERGENCY LIGHTING AND EXIT SIGNS, SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED PER NEC 100-12F.

NOTE!  
SMOKE DETECTORS SHALL BE MOUNTED NOT LESS THAN 90" ABOVE FINISHED FLOOR AND SHALL BE THE IONIZATION TYPE, INTERLOCKED TOGETHER, POWERED FROM EACH LOCAL PANEL W/BATTERY BACKUP

LEGEND

- EXIT LIGHT - ARROW REPRESENTS DIRECTION OF EXIT
- WALL HUNG "ABC" FIRE EXTINGUISHER
- DOOR / CLOSER FOR EXITING OR RATING REASONS
- FIRE ALARM SYSTEM FULL-STATION
- PANIC DEVICE
- ROOM SQUARE FOOTAGE
- ROOM OCCUPANCY LOAD
- PRIMARY EGRESS W/EXIT CAPACITY
- SECONDARY EGRESS
- EMERGENCY LIGHTING - DUAL HEAD W/ BAT. PACK



8" SQ. MALTESE CROSS W/ "R" IDENTIFIER SIGNAGE, MOUNTED @ 60" ABV. WALKWAY

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
PALMS MEDICAL GROUP  
PRIMARY CARE OFFICE - 4784 W. Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Life Safety Plan

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17 JULY 2019

SHEET:  
LSP.1  
1 of 1

17 July 2019



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PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES

WIND DESIGN SPEED: 130 MPH, UNLESS NOTED OTHERWISE

SOIL DESIGN STATEMENT:  
FOOTING DESIGN IS BASED UPON 1000 PSF SOIL BEARING PRESSURE PROVIDED BY CLEAN SAND, GRAVEL, OR STONE. OTHER SOIL CONDITIONS IS: CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFICATIONS.

LIVE LOADS: 1st FLOOR: 40PSF, 2nd FLOOR: 100PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: 2017 FLORIDA BUILDING CODE

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST  
LIFE SAFETY: NFPA-101 - LATEST

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE OWNER. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

AS - BUILT DRAWING REQUIREMENTS:

- A. ELECTRICAL "AS-BUILT" DRAWINGS  
ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DUGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NG TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N°. DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.
- B. H.V.A.C. "AS-BUILT" DRAWINGS  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC, SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BLT. DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.
- C. PLUMBING "AS-BUILT" DRAWINGS  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- 2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR (UNLESS OTHER-NOTED) FOLLOWING THE DATE OF COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS OR DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK- AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- 3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
- 4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL. (UNLESS OTHERWISE NOTED.)
- 5. THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- 6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- 7. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
- 8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABLES LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- 9. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- 10. INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U465". BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.

GENERAL MILLWORK NOTES:

- 1. MILLWORK SUB-CONTRACTOR PROVIDING CASEWORK, MILLWORK OR THE LIKE FOR THIS PROJECT SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6 OF THE GENERAL NOTES, THIS SHEET.
- 2. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: FABRICATION AND DELIVERY OF MILLWORK, SHOWN IN THE DRAWINGS, TO THE JOB SITE, INSTALLATION OF CABINET HINGES, CATCHES, DRAWER & TRAY GUIDES, ADJUSTABLE SHELF STANDARDS & SURFACE BOLTS.
- 3. ALL APPLICABLE STANDARDS OF "AWI QUALITY STANDARDS & GUIDE SPECIFICATIONS" APPLY TO THIS PROJECT, UNLESS NOTED OTHERWISE.
- 4. AWI "CUSTOM" GRADE EXCEPT AS OTHERWISE NOTED OR DIRECTED BY THE OWNER, SHALL BE THE BASE STANDARD OF QUALITY REQ'D FOR THIS WORK.
- 5. MILLWORK SUB-CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER, THE FOLLOWING ITEMS PRIOR TO FABRICATING ANY MATLS OR MILLWORK: COMPLETE SET OF SHOP DRAWINGS, SAMPLES OF WD, SPECIES RECEIVING TRANSPARENT FINISH, MFR'S LITERATURE FOR ALL SPECIALTY ITEMS NOT MFD. BY THE ARCHITECTURAL WOODWORK FIRM AND HARDWARE SCHEDULE, SHOWING HARDWARE USED AT EA. LOCATION & CONFORMANCE W/ THE DESIGN INTENT OF THE DRAWINGS OR DIRECTIVES ISSUED BY THE OWNER.
- 6. PRODUCTS SHALL INCLUDE THE FOLLOWING:  
SOFTWOOD - SOLID STOCK PINE, C OR BETTER  
HARDWOOD - SPECIES AS SELECTED BY OWNER  
PLYWOOD, OPAQUE FINISH - FIR, GRADE A/B  
PLYWOOD, TRANSPARENT FINISH - SPECIES AS SELECTED BY OWNER  
PARTICLE BOARD - HIGH DENSITY, W/ RESIN BINDER  
LAM. PLASTIC - MFG, COLORS, PATTERNS & TEXTURES AS SELECTED BY OWNER  
LAMINATING ADHESIVES - POLYVINYL ACETATE, UREA-FORMALDEHYDE, CASEIN
- 7. ASSEMBLE WORK AT MILL & DELIVER TO JOB SITE READY TO INSTALL INSOFAR AS POSSIBLE.
- 8. PROTECT MILLWORK FROM MOISTURE & DAMAGE WHILE IN TRANSIT TO THE JOB SITE. UNLOAD AND STORE IN A PLACE WHERE IT WILL BE PROTECTED FROM MOISTURE AND DAMAGE AND BE CONVENIENT FOR INSTALLATION.
- 9. FABRICATE WORK IN ACCORDANCE WITH MEASUREMENTS TAKEN AT THE JOB SITE.
- 10. INSTALL HARDWARE IN ACCORDANCE WITH MANUF.'S DIRECTIONS. LEAVE OPERATING HARDWARE OPERATING SMOOTHLY & QUIETLY.
- 11. DAMAGED SURFACES SHALL BE REPAIRED TO MATCH UNDAMAGED ADJACENT PORTION OF THE WORK.

GENERAL H.V.A.C. NOTES:

- 1. SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES.
- 2. HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE & OPERATING HVAC SYSTEM.
- 3. HVAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED), OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HVAC SUB-CONTRACTOR.
- 4. HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DUGS FOR DUCTWORK, CONDENSING UNIT & AIR HANDLER, EXHAUST FANS AND AIR DEVICES.
- 5. IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.
- 6. FLEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED ALUMINUM W/ 1 3/4 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE UL LISTED. SHEET METAL DUCT SHALL BE LINED W/ 1" MATRACED DUCT LINER & WRAPPED W/ 1 3/4 LB. FOILFACED FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE FOILFACED, R42/R6.0 DUCTBOARD.
- 7. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHREA AND SMACNA STANDARDS.
- 8. ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURER'S SHALL BE TITUS, METALLAIRE, NAILORHART, HART & COOLIE OR AS DIRECTED BY THE OWNER.
- 9. IF REQUIRED BY THE OWNER, THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST AND BALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS, SIGN AND SEALED BY A REGISTERED ENGINEER.
- 10. HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS, AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS & CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY THE EQUIPMENT MFG'R.
- 11. ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSIONS.
- 12. ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR 1 YEAR AND THE COMPRESSOR(S) SHALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE, BY THE OWNER.
- 13. ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDERANCE TO COMPLETION OF THE JOB.
- 14. CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1/2" THICK ARMAFLEX INSULATION.
- 15. FILTERS SHALL BE DISPOSABLE TYPE AND HAVE INITIAL SHARE WEIGHT RESISTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15. PROVIDE 2 SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTANCE.
- 16. HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- 17. IT IS THE RESPONSIBILITY OF THE HVAC SUB-CONTRACTOR TO COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN, LIGHTS AND ARCHITECTURAL ELEMENTS.
- 18. COORDINATE W/ THE ELECTRICIAN, PARTICULARLY ELECTRICAL NOTE N°. 28, TO ASSURE SUITABLE SIZES OF BREAKERS, SWITCHES AND WIRING.

GENERAL PLUMBING NOTES:

- 1. SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6.
  - 2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
  - 3. ALL MATERIALS SHALL BE NEW.
  - 4. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL.
  - 5. ALL EXCAVATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR'S RESPONSIBILITIES.
  - 6. PLUMBING FLAT PLANS AND RISER DIAGRAMS (IF INCLUDED) ARE DIAGRAMATIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF THE PLUMBING FIXTURES.
  - 7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION.
  - 8. WATER PIPING SHALL BE TYPE L COPPER UP TO 1", & TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER. AT THE OWNER'S OPTION SUPPLY PIPING MAY BE C.P.V.C. SCHEDULE 40 OR SCHEDULE 80.
  - 9. DO NOT USE LEAD BASED SOLDER FOR JOINING SUPPLY PIPING.
  - 10. SOIL, WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB 30"-12" ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL BANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & OAKUM JOINTS OR AT THE OWNER'S OPTION, P.V.C. SCHEDULE 40. SEE NOTE 12.
  - 11. AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS, OR P.V.C. SEE NOTE 12. BELOW INSULATE ALL CONDENSATE PIPING EXCEPT WHERE UNDERGROUND, AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS.
  - 12. P.V.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE, VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCALS. P.V.C. MAY NOT BE USED TO PENETRATE CHASES OR FIRE RATED WALLS / CEILINGS.
  - 13. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, MARKED ACCESS PANELS.
  - 14. FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS.
  - 15. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
  - 16. ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELT INSULATOR PADS.
  - 17. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAREST PLUMBING FIXTURE, DO NOT MANIFOLD.
  - 18. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES.
  - 19. PROVIDE COMBINATION COVERPLATE / CLEANOUT PLUG FOR ALL WALL CLEANOUTS, FINISH AS DIRECTED BY THE OWNER.
  - 20. FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER.
- SOIL CHEMICAL BARRIER METHOD:
- 1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINJECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1042.6
  - 2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" 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'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
  - 4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION BETWEEN WALL COVERINGS 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 EXCAVATION AND BACKFILL IS COMPLETE. FBC 1016.11
  - 6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1016.12
  - 7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC. SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1016.13
  - 8. MINIMUM 6" MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1016.14
  - 9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1016.15
  - 10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1016.16
  - 11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1016.16
  - 12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1016.17
  - 13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT 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 CONSUMER SERVICES". FBC 1016.11
  - 14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
  - 15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC. SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

ELECTRICAL NOTES : General

- 1. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNER.
- 2. INSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC LATEST EDITION, AND ITS AMENDMENTS AS ADOPTED BY THE PERMIT ISSUING AUTHORITY AT THE TIME OF CONSTRUCTION.
- 3. GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD GROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 250 OF NEC-LATEST EDITION.
- 4. INSTALL ONLY COPPER WIRING ON THIS PROJECT. THW, TW, THHN, THHN CABLE IN ENT. UNLESS NOTED OTHERWISE. ALL CONDUCTORS #10 & SMALLER MAY BE SOLID. ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED TYPE.
- 5. PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS BY SPLICING AND BRINGING OUT A TAP, ASSURING NO OPENINGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
- 6. COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL - WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS.
- 7. INSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT FIXTURES.
- 8. INSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, RESTROOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND AS NOTED ON THE DRAWINGS.
- 9. INSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL" OR OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS SHALL BE NEW.
- 10. INSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT. SIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES SHALL BE HP, RATED, HEAVY DUTY, QUICK-MAKE - QUICK-BREAK TYPE - ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURE.
- 11. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVERLOAD RELAYS IN EACH HOT LEG.
- 12. ISOLATE DISSIMILAR CONDUIT AND TUBING METALS FROM SOIL, WATER AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE DAMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR, EXCEPT WHERE ELECTRICAL GROUND IS PROVIDED.
- 13. FURNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRES FOR A COMPLETE, OPERATING SYSTEM, PROVIDING THE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS).
- 14. OUTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC OR ALL DRY LOCATIONS. FOR UET LOCATIONS, CAST ALLOY WITH THREADED HUB OUTLET BOXES SHALL BE INSTALLED.
- 15. HOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O.
- 16. COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS. COORDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS INSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE OWNER.
- 17. EMERGENCY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE PLANS, SHALL BE WIRED PER NEC 1000-12F.
- 18. ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTIFIED AS TO WHAT IS INCLUDED ON SAID CIRCUIT.
- 19. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION.
- 20. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.
- 21. FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR HVAC SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY THE HVAC CONTRACTOR, AND CONNECTED BY THE ELECTRICAL CONTRACTOR.
- 22. ALL RACEWAYS BELOW GROUND SHALL BE A MINIMUM OD 3/4".
- 23. ALL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE COMMON TRIP. NO TIE HANDLES OR TANDEM SHALL BE ACCEPTABLE.
- 24. ALL FUSES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, SHALL BE CURRENT LIMITED TYPE (CL) RATED 200,000 AIC.
- 25. ELECTRICAL CONTRACTOR SHALL VERIFY ALL COMPONENTS FOR ALL ELECTRICAL APPLICATIONS & DETERMINE THE CORRECTNESS OF SAME. ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER PRIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS OR DOING ANY WORK.
- 26. CIRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE LOAD DATA AND SIZE. THE CONTRACTOR SHALL PROVIDE CIRCUITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB CONDITIONS, AND BALANCE THE JOB, THROUGHOUT.
- 27. CHECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND AMPERAGE RATING PRIOR TO CONNECTION TO CIRCUITS.
- 28. PANEL BOARDS SHALL BE CIRCUIT BREAKER TYPE. VERIFY NUMBER AND SIZES OF CIRCUITS.
- 29. WHEN CONDUIT RUNS EXCEED 200 FEET, FULL BOXES SHALL BE INSTALLED SO THAT NO FULL EXCEEDS THIS DISTANCE.
- 30. ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT CURRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**General Notes**

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1306 S. 30th St., Suite 200  
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DATE:  
17JULY2019


SHEET:  
**G.1**  
1 of 1








## SYMBOLS

  $\frac{+/- \phi' - \phi''}{\text{TOP OF SUB-FLOOR}}$




12

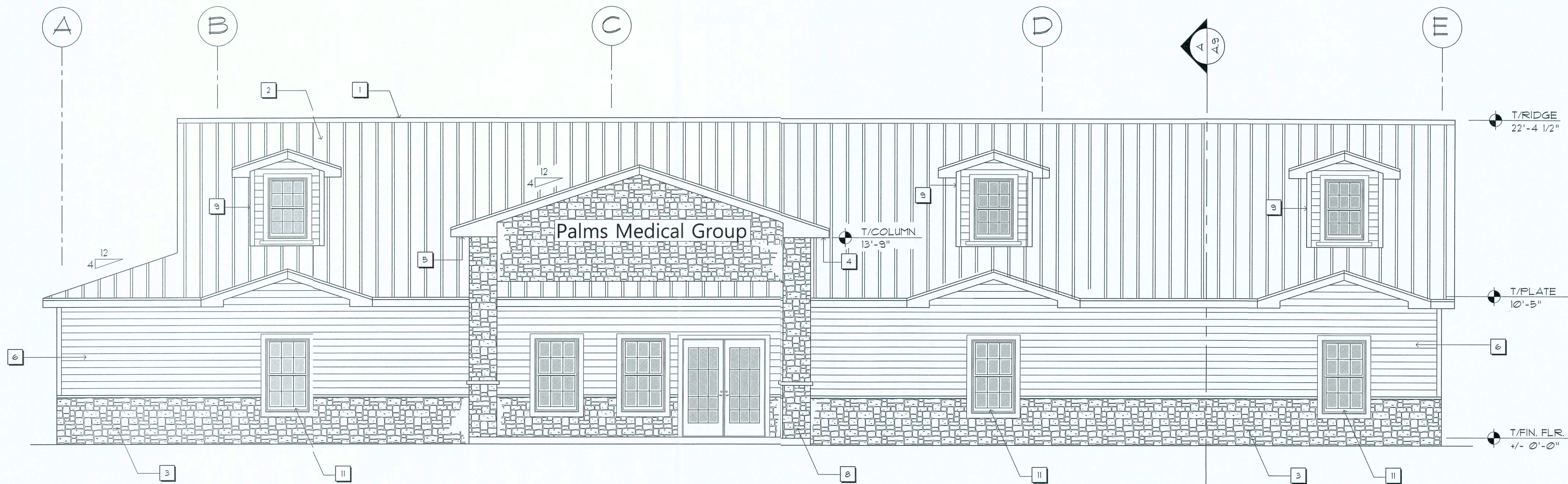


WINDOW DESIGNATION

SCALE: 1/2" = NONE

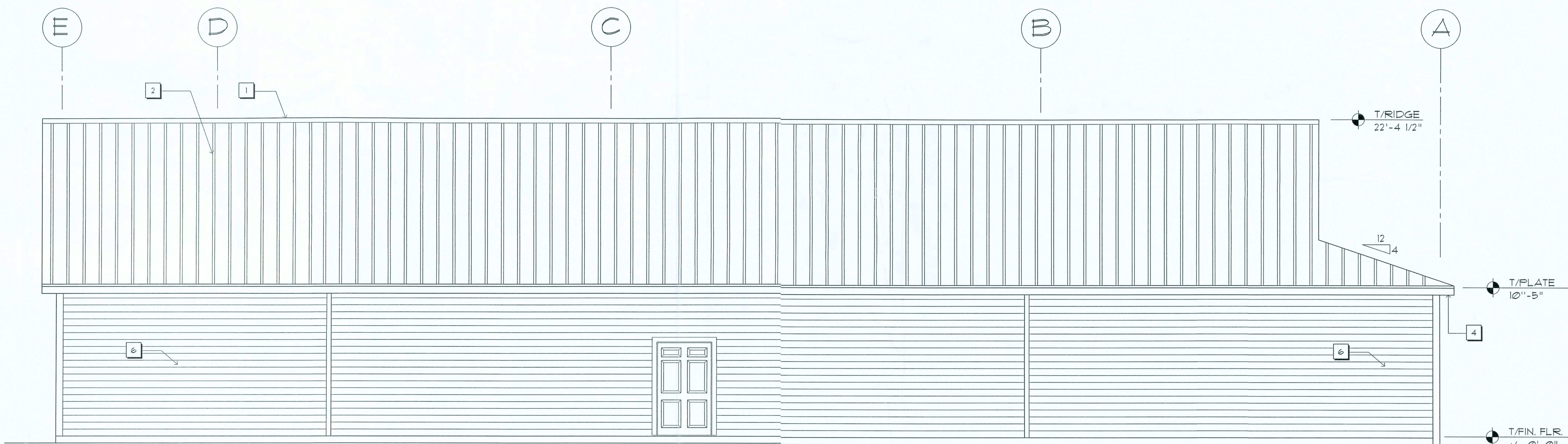
July 2019





## FRONT ELEVATION

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



## REAR ELEVATION

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

NOTE:  
CONTRACTOR SHALL FIELD VERIFY  
EXISTING ROOF PITCH

### EXTERIOR FINISH LIST

- |                                |  |
|--------------------------------|--|
| 1 CONTINUOUS RIDGE VENT        | 7 60" LOUVERED / SCREENED VENT           |
| 2 24 GA. METAL FBR ROOF SYSTEM | 8 WOOD FRAMED COLUMN W/COBLESTONE VENEER |
| 3 COBBLESTONE VENEER           | 9 2X4 FRAMED NON-FUNCTIONAL DORMER       |
| 4 ALUMINUM FASCIA & SOFFIT     | 10 3050 NON-FUNCTIONAL WINDOWS           |
| 5 TYP. 12" OVERHANG            |  |
| 6 6" HARDI-BOARD SIDING        |  |

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Exterior Elevations

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GEISLER  
ARCHITECT  
NCARB Certified  
386-968-4355

DATE:

17JULY2019

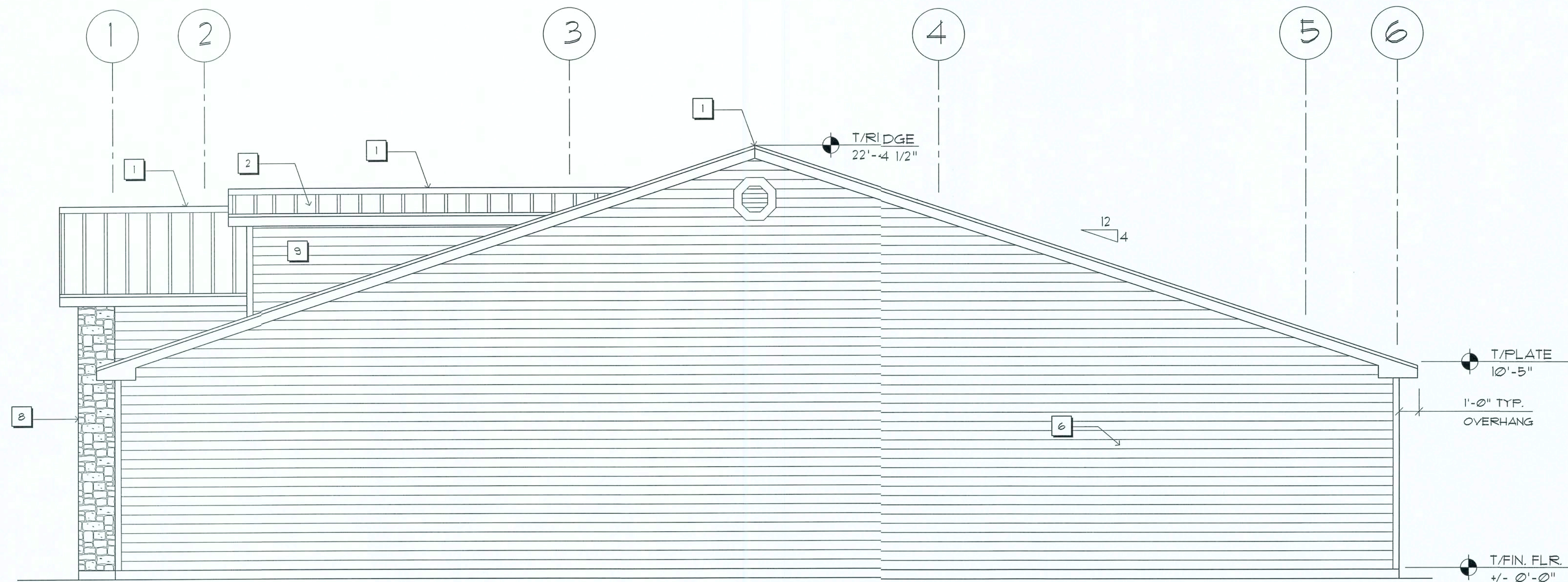
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1 OF 14

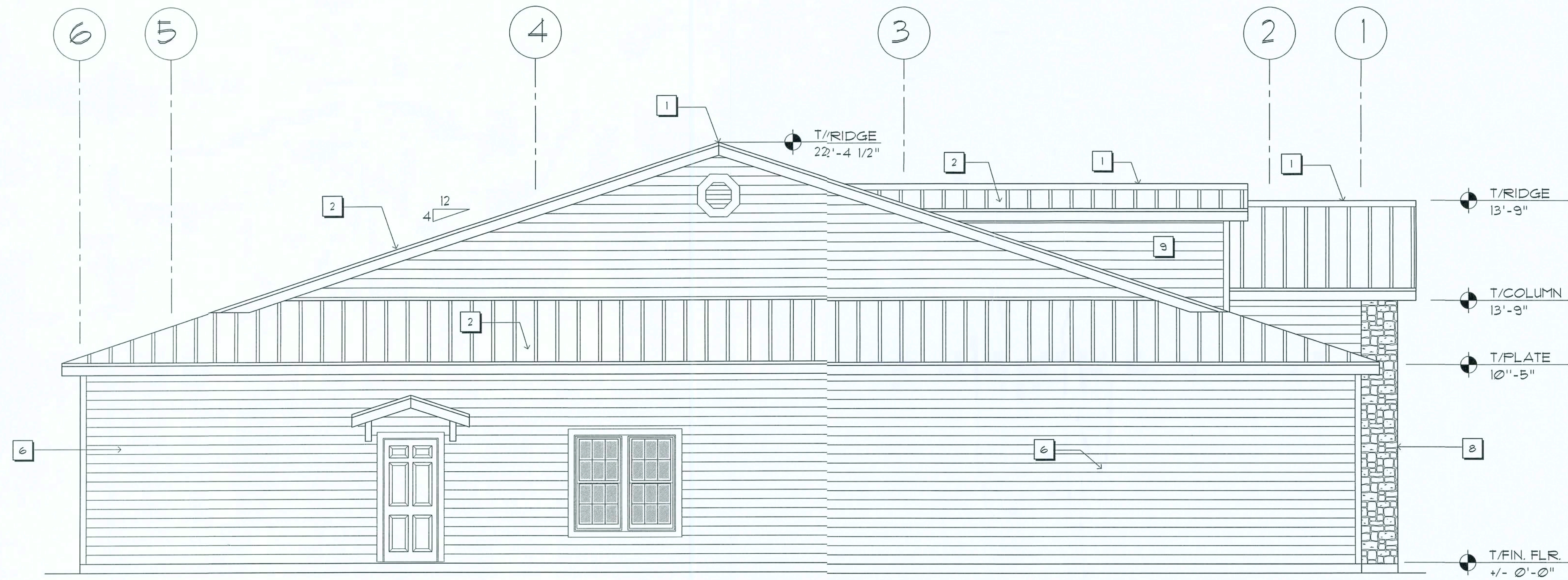
17 July 2019  
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## LEFT SIDE ELEVATION

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



## RIGHT SIDE ELEVATION

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

NOTE:  
CONTRACTOR SHALL FIELD VERIFY  
EXISTING ROOF PITCH

### EXTERIOR FINISH LIST

- 1 CONTINUOUS RIDGE VENT
- 2 24 GA. METAL FBR ROOF SYSTEM
- 3 COBBLESTONE VENEER
- 4 ALUMINUM FASCIA & SOFFIT
- 5 TYP. 12" OVERHANG
- 6 6" HARDI-BOARD SIDING
- 1 60" LOUVERED / SCREENED VENT
- 2 WOOD FRAMED COLUMN W/COBLESTONE VENEER
- 3 2X4 FRAMED NON-FUNCTIONAL DORMER

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Exterior Elevations

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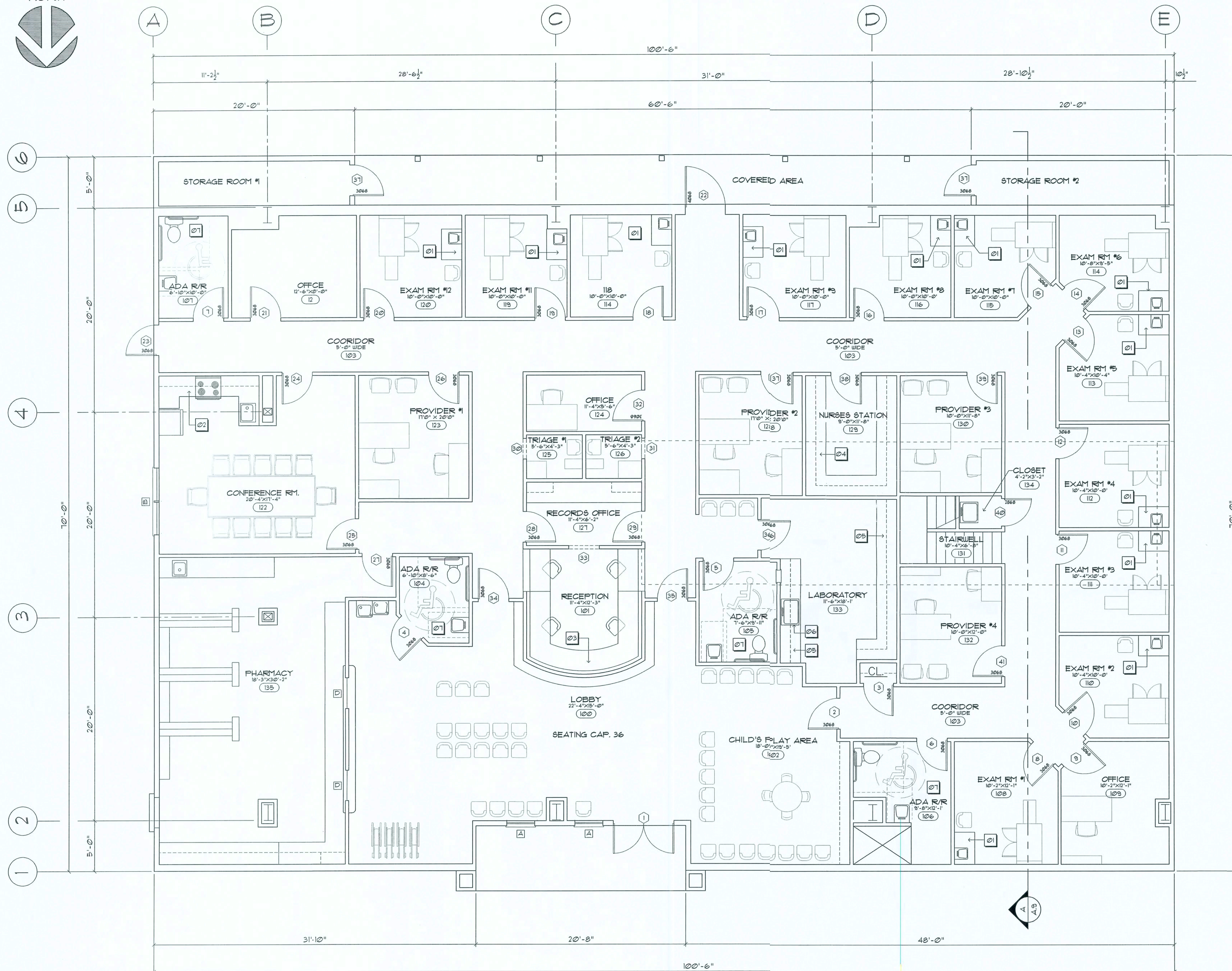
NICHOLAS GEORGE ARCHITECT  
1755 NW 10TH AVE, SUITE 200  
LAKE CITY, FL 33703  
386-336-4335

DATE:  
17 JULY 2019

SHEET:  
A.2  
2 OF 14

17 JULY 2019  
AR0007005





## FLOOR PLAN

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

CONDITIONED AREA: 6532.5 SQFT  
MEZZANINE AREA: 133.0 SQFT  
GROSS AREA: 12655.5 SQFT



2017 FLORIDA BUILDING CODE COMPLIANCE SUMMARY	
BASIC WIND SPEED:	130 MPH
WIND IMPORTANCE FACTOR (I):	1 + 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MUFRS PER TABLE 1609.2A (FBC 2010) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: + 32.3 PSF
COMPONENTS & CLADDING PER TABLES 1609.2B & 1609.2C (FBC 2010) DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 23.1 PSF EAVES: - 62.3 PSF ROOF: + 19.9 / - 25.5 PSF

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609,  
FLORIDA BUILDING CODE, 2017 EDITION.

BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1003, FLORIDA BUILDING CODE, 2017 ED.	
BUILDING GROUP OCCUPANCY	GROUP B
TABLE 503 TYPE OF CONSTRUCTION	TYPE IV
TABLE 503 AREA/HEIGHT LIMITATIONS	17.0 KSF/1 STORY
TABLE 503 AREA INCREASE:	100% + 34.0 KSF
OCCUPANCY BUSINESS AREA: 1100 SF GROSS SEE "LIFE SAFETY PLAN" SHT. LSP-1	54 OCCUPANTS

### Structural Design Data

- THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATION SHALL BE THE LATEST EDITION AT THE TIME OF PERMIT.
- WIND LOAD CRITERIA: RISK CATEGORY: 2, EXPOSURE: "B" BASED ON ANSI/ASCE 7-10. 2017 FBC 1609-A WIND VELOCITY = V = 130 MPH
- ROOF DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: ..... 20 PSF  
SUPERIMPOSED LIVE LOADS: ..... 20 PSF
- FLOOR DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: ..... 25 PSF  
SUPERIMPOSED LIVE LOADS:  
OFFICE: ..... 50 PSF

NOTE!  
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - DETAILED CABINETS INDICATED ON SHEET A5 ARE GENERAL & SHOW BASIC REQMTS ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

### PLAN NOTES

- 01 24"x36"x36"H EXAM ROOM CABINET W/12"x12" SINK
- 02 KITCHEN BASE & UPPER CABINETS
- 03 RECEPTIONIST DESK
- 04 24" HIGH DESKTOP W/DRAWERS
- 05 36" HIGH BASE CABINETS W/24" H WALL CABINETS
- 06 SINGLE 9/8 BASIN SINK, W/ GOOSENECK FAUCET
- 07 H/C TOILET, LAVATORY AND GRIP RAIL, PER ADA STDs.

--- DENOTES: EDGE OF MEZZANINE DECK ABOVE - SEE SHT. A5

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Floor Plan

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NICHOLAS  
GEHRIE  
ARCHITECT  
N.C.A.A. Certified

DATE:

17JULY2019

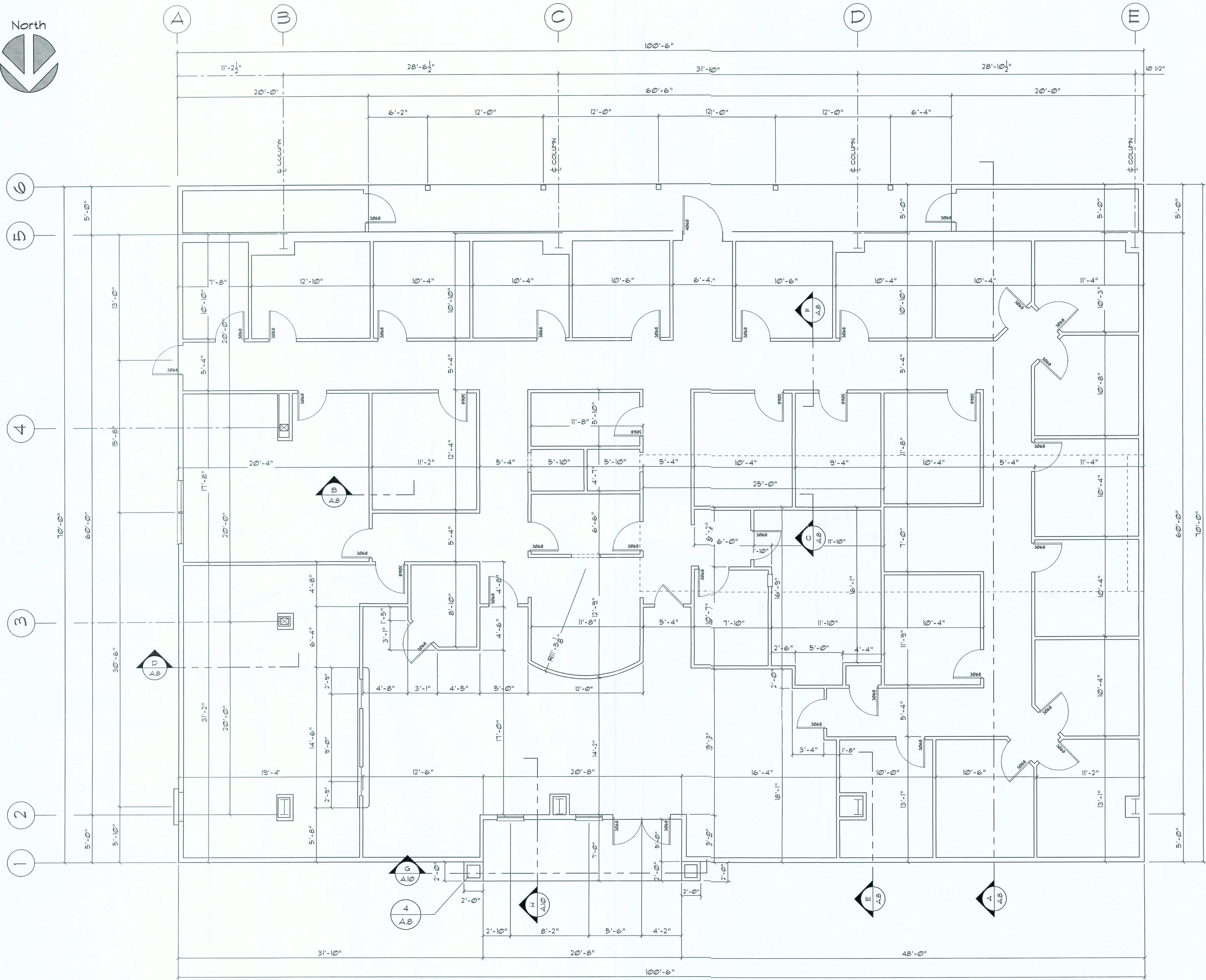
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3 OF 14

17 July 2019  
AR0001005





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



		BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30'0", EXPOSURE "B" ROOF ANGLE 21° TO 45°			
ZONE	AREA	Vult 110 MPH	Vult 120 MPH	Vult 130 MPH	Vult 140 MPH
		19.9 / -21.8 19.4 / -20.7 18.6 / -19.2	23.7 / -25.9 23.0 / -24.6 22.2 / -22.8	27.8 / -30.4 27.0 / -28.9 26.0 / -26.8	32.3 / -35.3 31.4 / -33.5 30.2 / -31.1
ROOF 21° TO 45°	1	10	19.9 / -25.5	23.7 / -30.3	27.8 / -35.6
	2	20	19.4 / -24.3	23.0 / -29.0	27.0 / -34.0
	50	18.6 / -22.9	22.2 / -27.2	26.0 / -32.0	30.2 / -37.1
WALL	4	10	21.8 / -23.6	25.9 / -34.7	30.4 / -40.7
	20	20.8 / -22.6	24.7 / -32.4	29.0 / -38.0	33.7 / -44.0
	50	19.5 / -21.3	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS  
FOR BUILDING COMPONENTS & CLADDING

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

--- DENOTES: EDGE OF MEZZANINE DECK ABOVE - SEE SHT A5

Doors / Windows

- TYP. DOOR DESIGNATIONS
- 2068 = 24"x80" DOOR
  - 2468 = 28"x80" DOOR
  - 2668 = 30"x80" DOOR
  - 2868 = 32"x80" DOOR
  - 3068 = 36"x80" DOOR

- TYP. WINDOW DESIGNATIONS
- 2646 = 30"x54" WINDOW
  - 2650 = 30"x60" WINDOW
  - 3030 = 36"x36" WINDOW
  - 3046 = 36"x54" WINDOW
  - 3050 = 36"x60" WINDOW
  - 3054 = 36"x64" WINDOW
  - 3060 = 36"x72" WINDOW
  - 4020 = 48"x24" WINDOW
  - 4060 = 48"x72" WINDOW

REVISION:

DRAWN:  
DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Dimension Plan

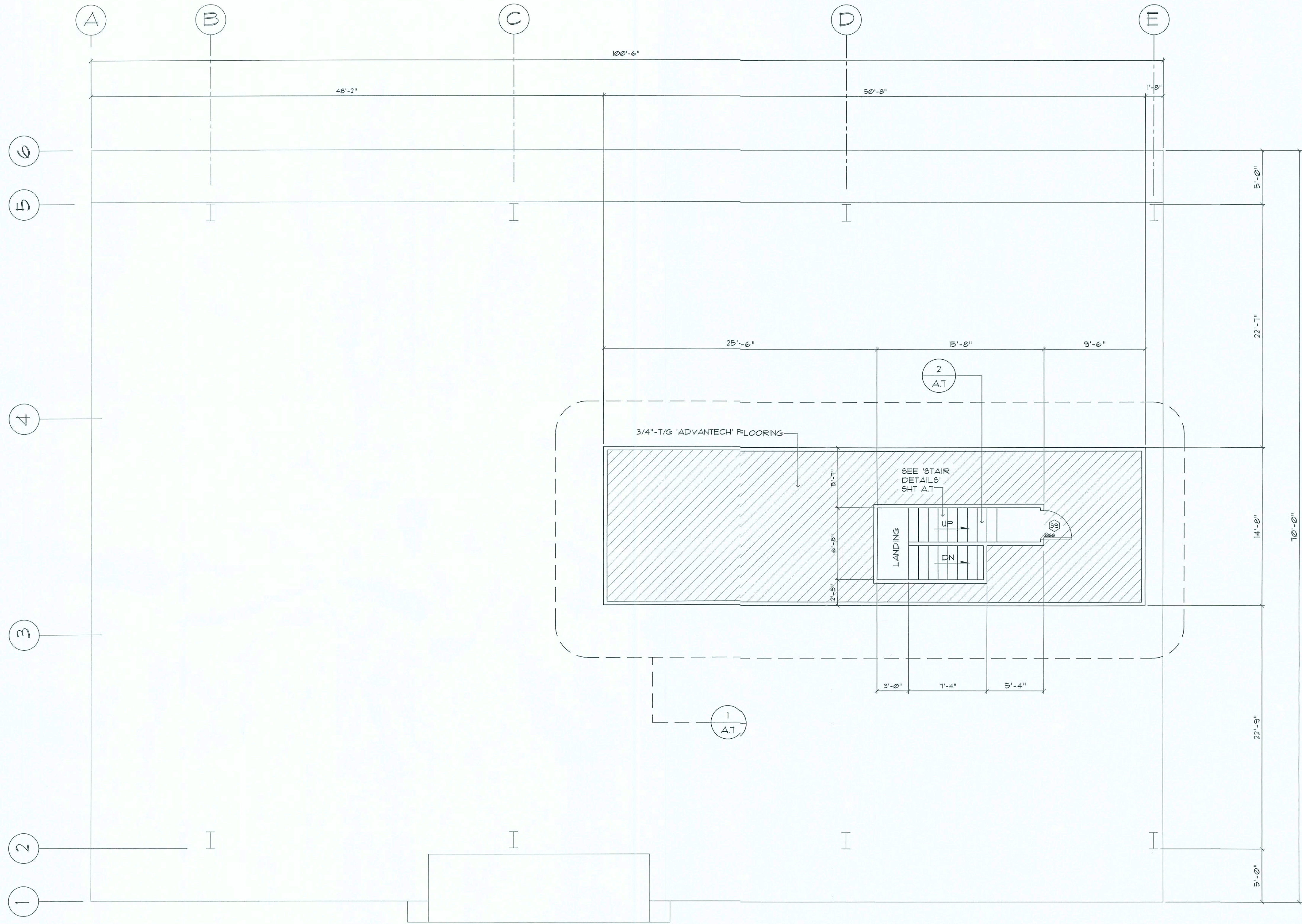
DAVID J. ROYAL  
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Lake City, Florida - 386-792-4690

DATE:  
17 JULY 2019

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A.4  
4 OF 14

17 July 2019  
AR0001005





MEZZANINE DECK PLAN

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

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Mezzanine Floor Plan

DAVID J. ROYAL  
ARCHITECTURAL DESIGNER  
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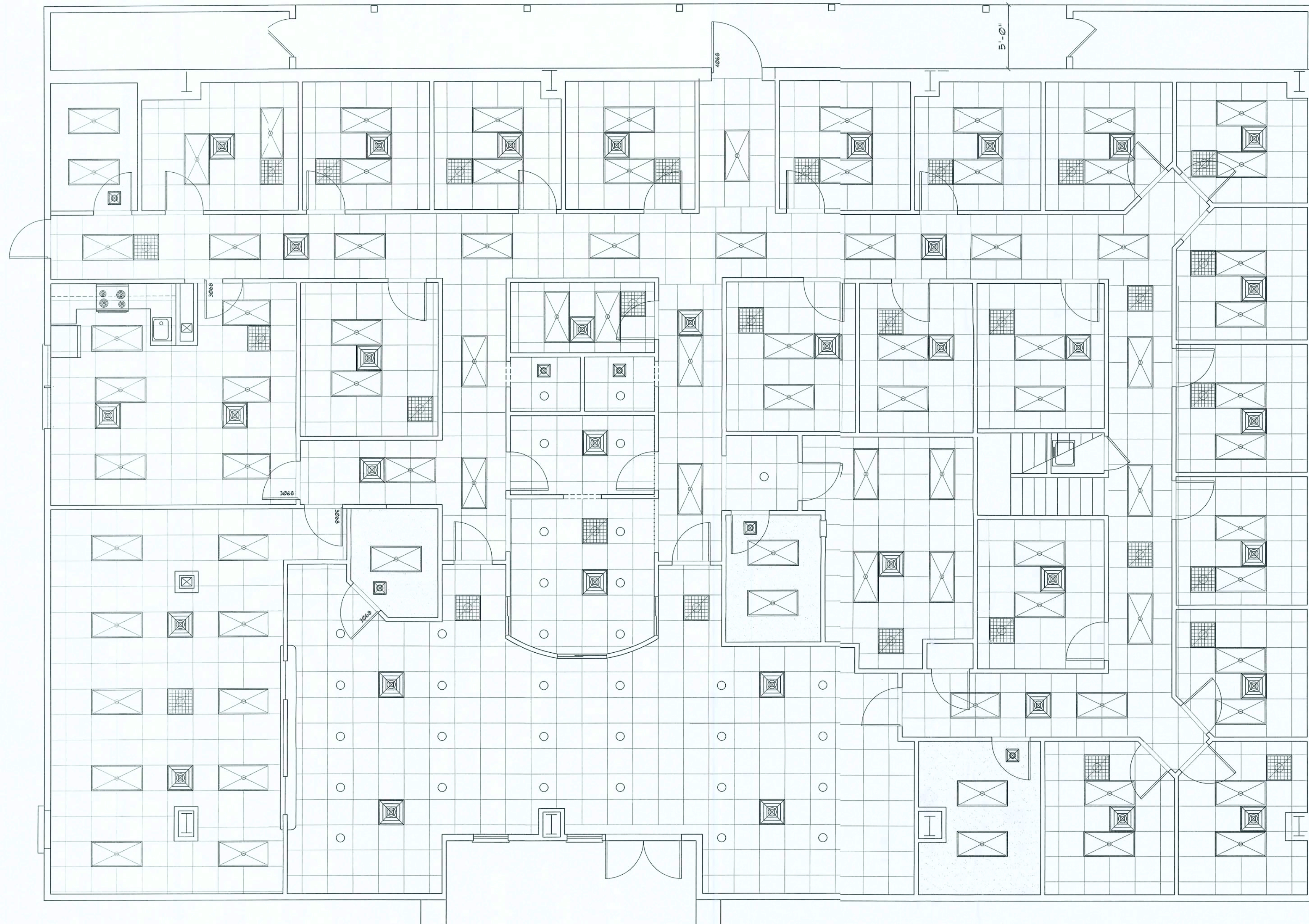
NICHOLAS  
ARCHITECTURAL GROUP  
1150 NW Brown Rd., Suite 205  
Lake City, FL 33701  
386-324-2355

DATE:  
17 JULY 2019

SHEET:  
A.5  
5 OF 14

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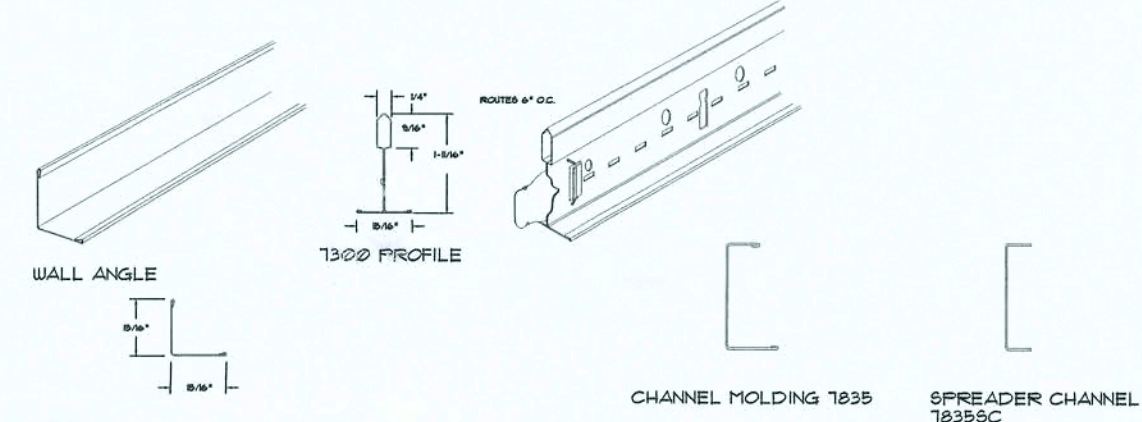
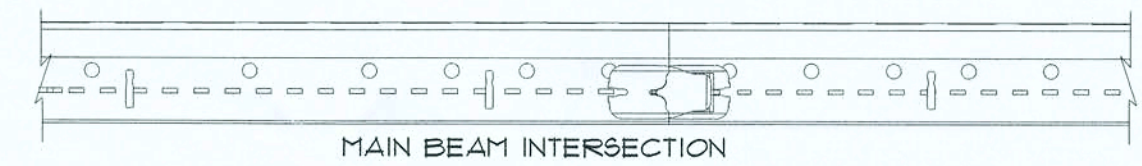




REFLECTED CEILING PLAN  
SCALE: 3/16" = 1'-0"

### Ceiling SYMBOLS

- 24" X 24" LAY-IN SUPPLY AIR DIFFUSER  
WHITE FACTORY FINISH W/ FIRE-DAMPER
- SUPPLY AIR DIFFUSER - SEE SCHEDULE  
WHITE FACTORY FINISH W/ FIRE-DAMPER
- 24" X 24" LAY-IN RETURN AIR GRILLE  
WHITE FACTORY FINISH W/ FIRE-DAMPER
- 24" X 48" LAY-IN TROFFER W/ HOLOPHANE  
ACRYLIC LENSE, W/ LED LAMPS
- HI-HAT RECESSED LIGHTING FIXTURE W/ GOLD  
SPECULAR REFLECTOR, W/ LED LAMP
- 5/8" G.W.B. TO UNDERSIDE OF FRAMED  
CEILING JOIST



### SUSPENDED CEILING REQUIREMENTS:

- A. Ceiling Panels:**
  - 1. Armstrong World Industries, Inc.
- ACOUSTICAL CEILING UNITS**
  - 1. Surface Texture: Textile
  - 2. Composition: Mineral Fiber
  - 3. Color: White
  - 4. Size: 24in X 24in X 5/8in
  - 5. Edge Profile: Angled Taper for Interface with Prelude XL
  - 6. Noise Reduction Coefficient (NRC): ASTM C 423 Classified with 0.90
  - 7. Ceiling Attenuation Class (CAC): ASTM C 1404 Classified with 0.90
  - 8. Flame Spread: ASTM E 844 Class A (UL)
  - 9. Light Reflectance (LR): ASTM E 1555 (White Panel) Light Reflectance @90
  - 10. Dimensional Stability: Standard
  - 11. Acceptable Product: Corning Tile 1 Lay-In 184 as manufactured by Armstrong World Industries
- SUSPENSION SYSTEMS**
  - 1. Components: All main beams and cross tees shall be commercial quality hot-dipped galvanized (galvanized steel, aluminum, or stainless steel) as per ASTM A 653. Main beams and cross tees are double-vented steel construction with type exposed flange design. Exposed surfaces chemically cleaned, capped, pre-finished galvanized steel (aluminum or stainless steel) in baked polyester paint. Main beams and cross tees shall have rotary stitching (exception: extruded aluminum or stainless steel).
  - 2. Structural Classification: ASTM C 635 HD
  - 3. Color: White and match the actual color of the selected ceiling tile, unless noted otherwise.
  - 4. Acceptable Product: Prelude XL, B/16" Exposed Tee as manufactured by Armstrong World Industries, Inc.
  - 5. High Handing Finish: Comply with ASTM C 635 requirements for Ceiling Classification for Severe Environment Performance where high handing finishes are indicated.
  - 6. Prelude Plus by Armstrong World Industries, Inc. - 100% Type 304 STAINLESS STEEL
  - 7. Prelude Plus by Armstrong World Industries, Inc. - all ALUMINUM
  - 8. Prelude Plus XL Fire Guard by Armstrong World Industries, Inc. G-60 Hot dipped galvanized aluminum capping
  - 9. Structural Classification: ASTM C 635 ding class
  - 10. Color: Stainless for 66 only 1/4" white aluminum 1/4" Clear Anodized Aluminum
  - 11. Attachment Devices: Size for five times design load indicated in ASTM C 635, Table 1. Direct hang unless otherwise indicated.
  - 12. Wire for Hangers and Ties: ASTM A 641, Class 1 zinc coating, soft temper, pre-stretched with a yield stress load of at least five times design load but not less than 15 gauge.
  - 13. Edge Moldings and Trim: Metal or extruded aluminum of types and profiles indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations, including light fixtures, that fit type of edge detail and suspension system indicated. Provide moldings with exposed flange of the same width as exposed runner.

### Ceiling TYPES

- EXT. SCOFFITS:** 5/8" CEMENT PLASTER STUCCO ON 3/4 LB. EXPANDED METAL RIB LATH W/ 2 COATS WHITE LATEX MASONRY PAINT
- G.W.B. CEILING:** 5/8" G.W.B. DIRECT HUNG OR SUSPENDED, TAPED & FINISHED, W/ 2 COATS OF LATEX CEILING PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER
- 2X2 CEILING:** ARMSTRONG N-1729 FINE FIGURED, TEGULAR EDGE, 24" SQUARE CEILING TILES IN WHITE FINISHED "PRELUD XL" B/16" EXPOSED TEE SUSPENSION GRID
- 2X4 CEILING:** ARMSTRONG N-1729 FINE FIGURED, SQUARE EDGE, 24" X 48" X 5/8" CEILING TILES IN WHITE FINISHED "PRELUD XL" B/16" EXPOSED TEE SUSPENSION GRID

REVISION:

DRAWN:  
DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Reflected Ceiling Plan

DAVID J. ROYAL  
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Lake City, Florida - 386-752-4670

**NICHOLAS & ASSOCIATES, INC.**  
ARCHITECT  
204-446-0876  
1759 NW Brown Road  
Lake City, FL 33509

DATE:  
17JULY2019

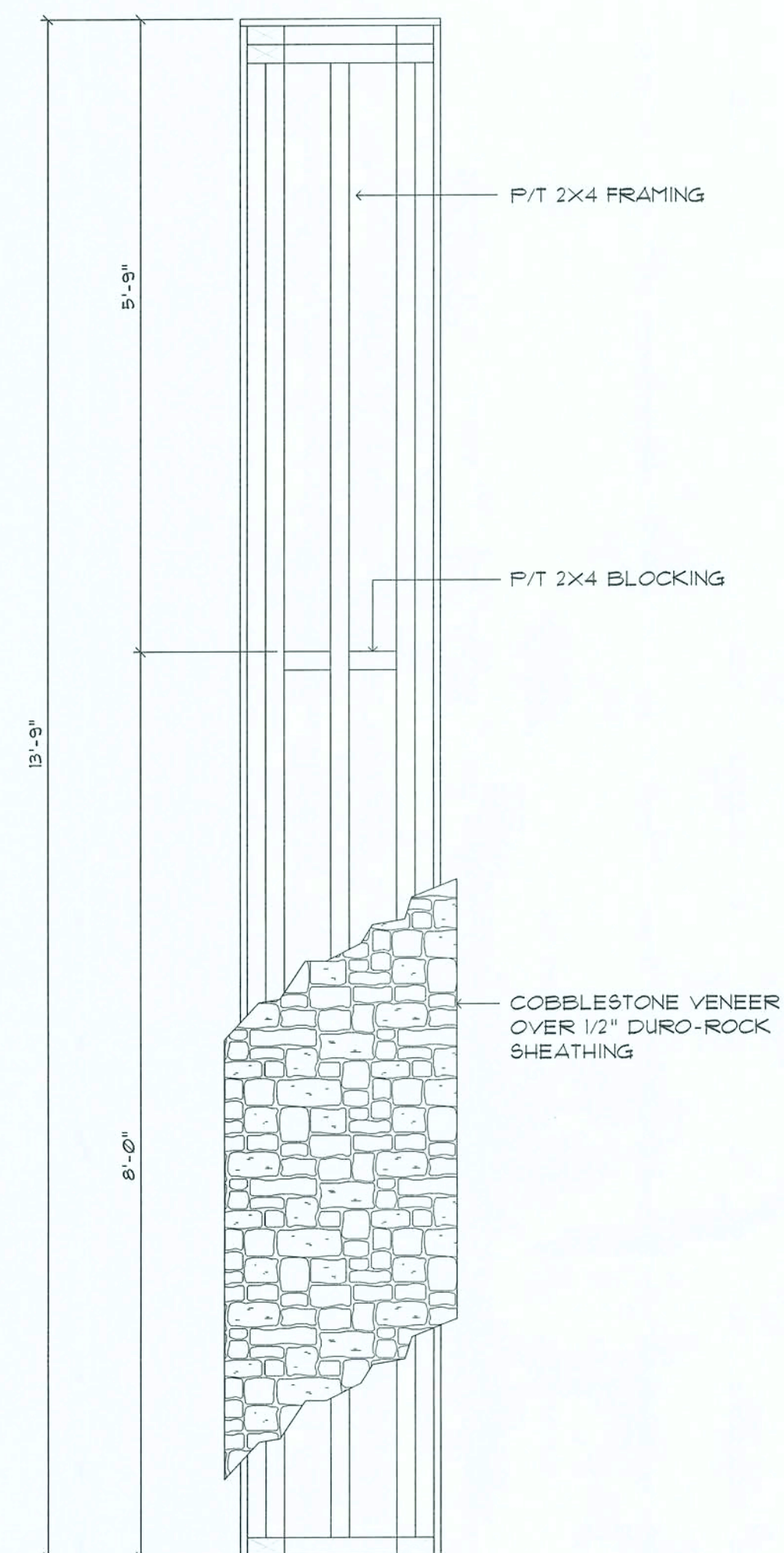
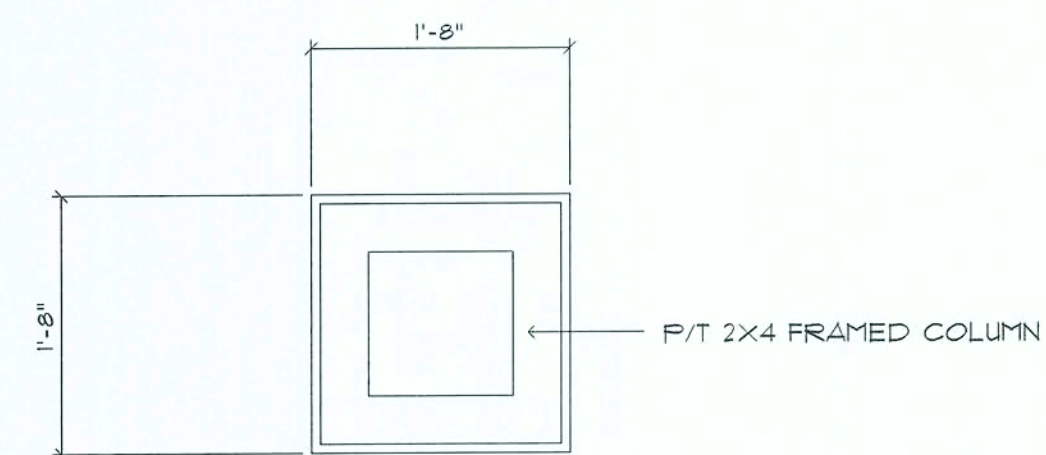
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6 OF 14

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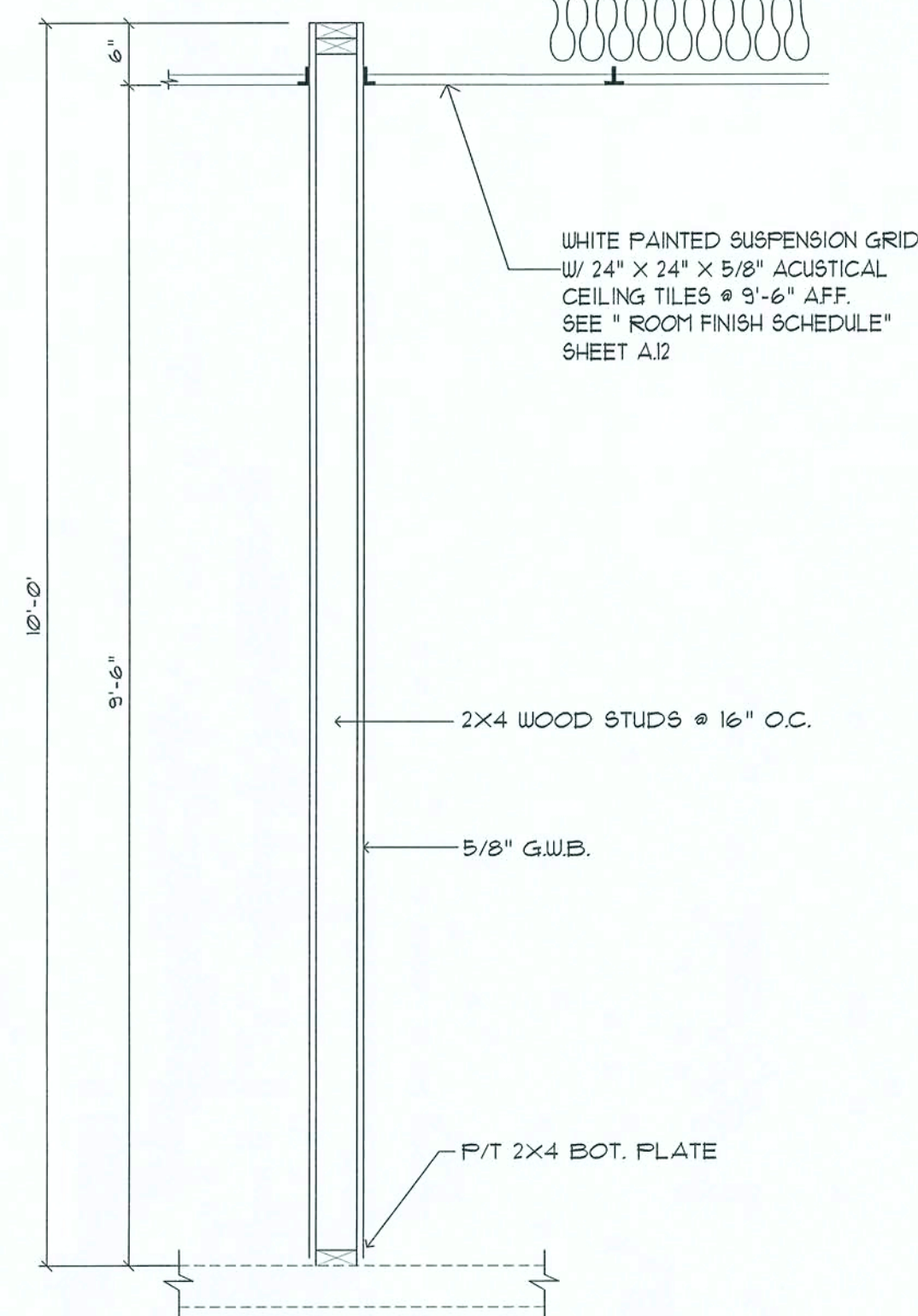




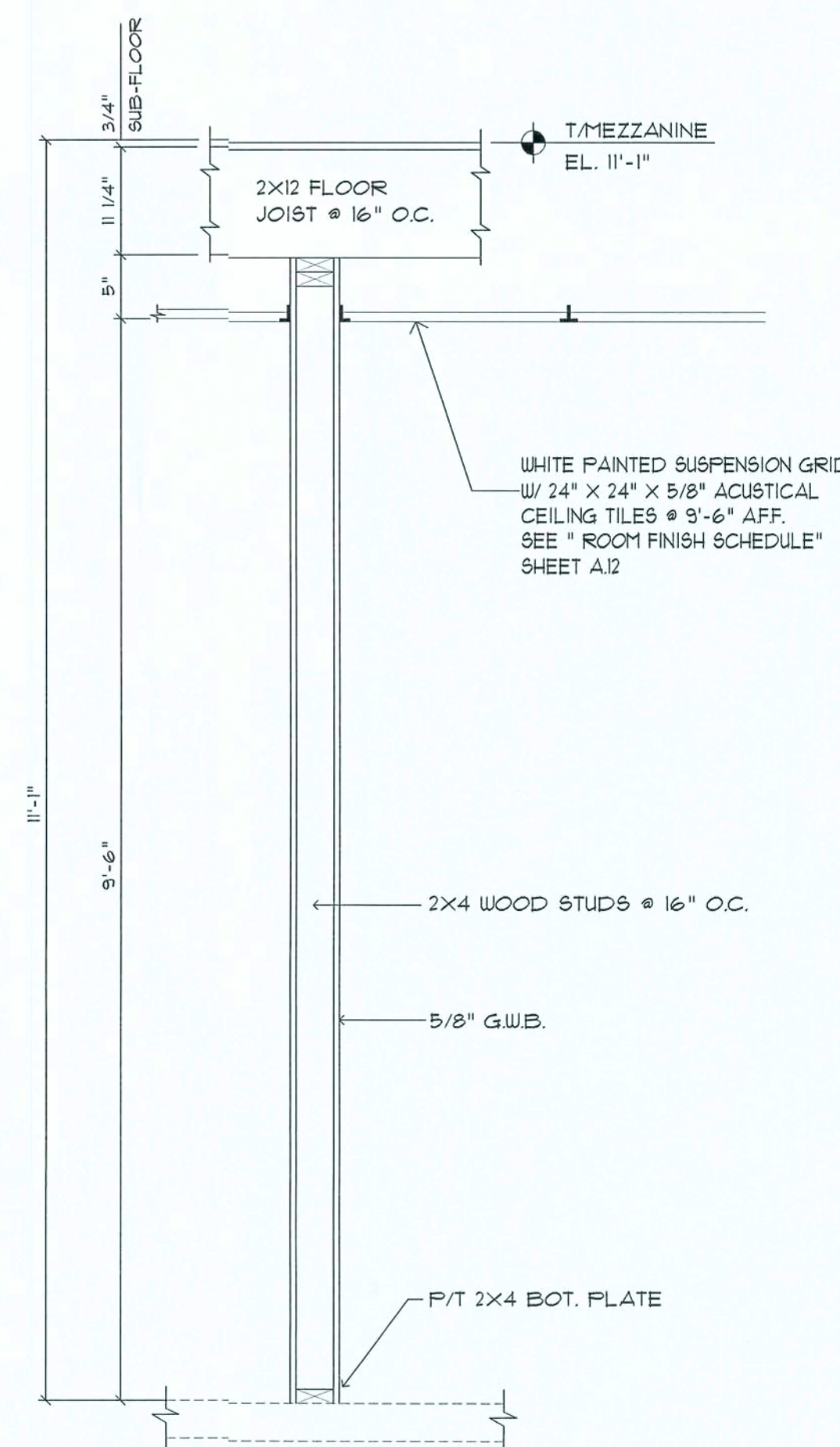


COLUMN DETAIL 4  
SCALE: 3/4" = 1'-0"

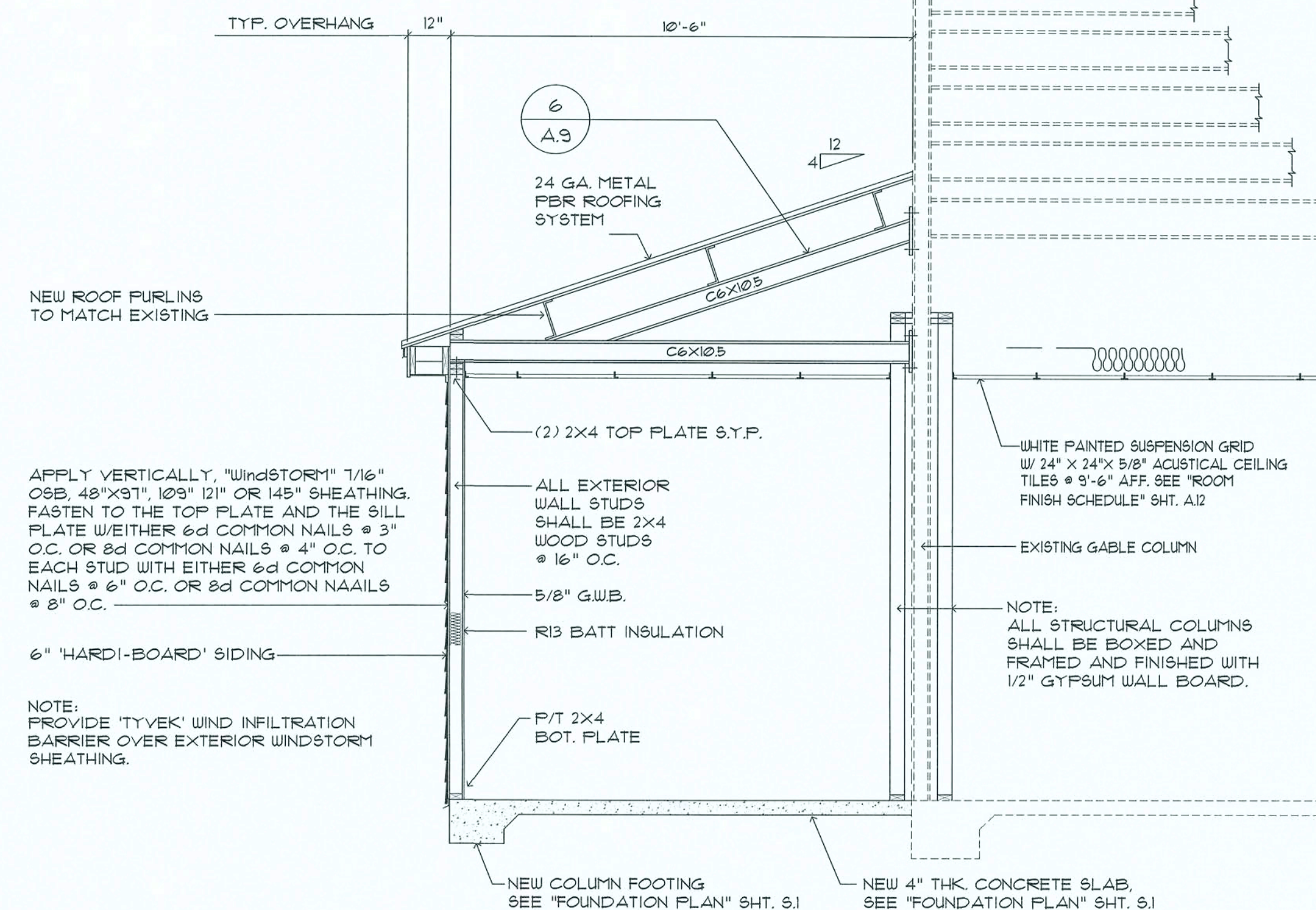
THE CONTRACTOR MAY USE 3.625 X 1.125 X 20 GA. "CLARK DIETRICK" PRO STUD FRAMING SYSTEM OR APPROVED EQUAL, IN LIEU OF 2X4 WOOD FRAMING. SEE "METAL FRAMING DETAILS" SHT. 53



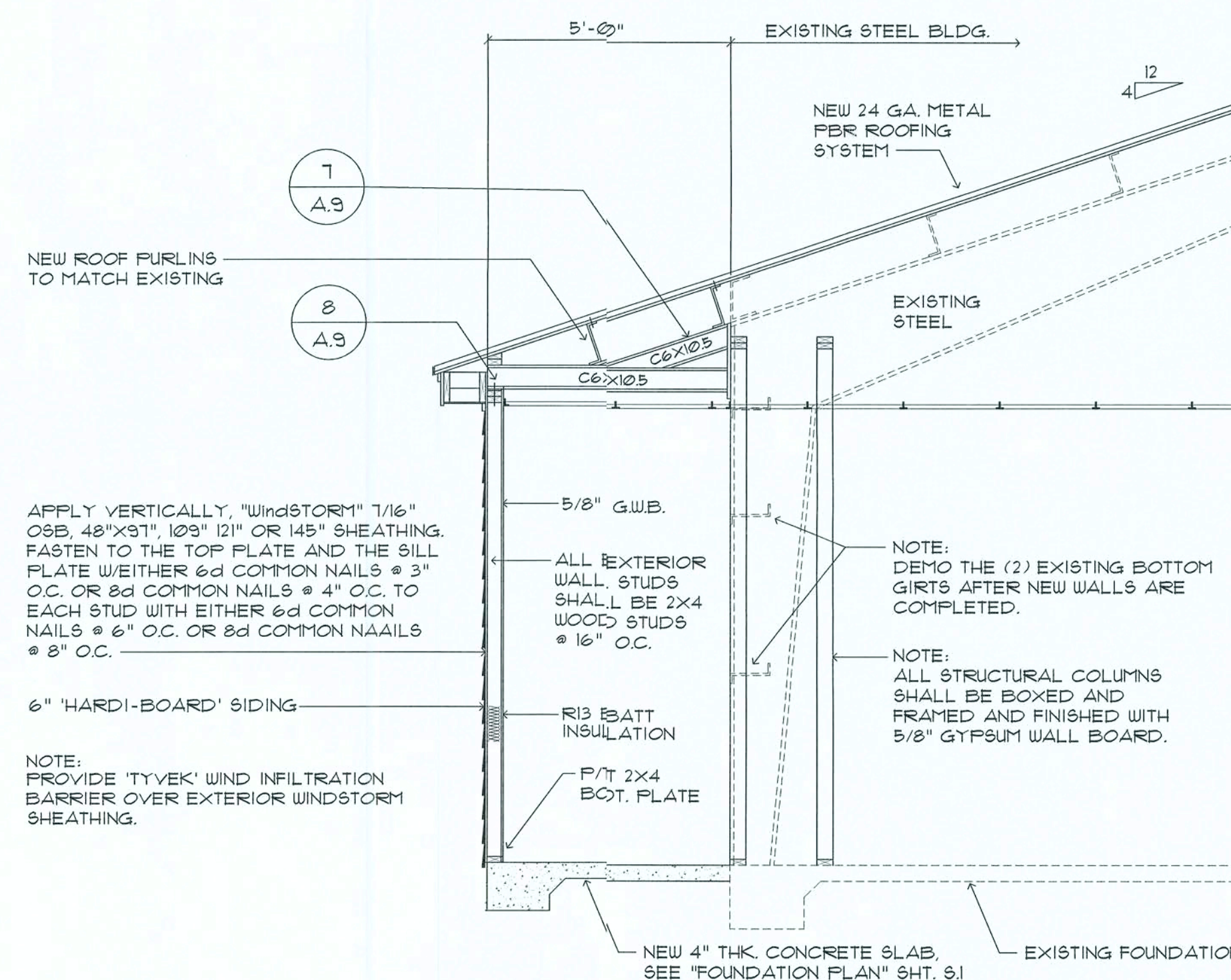
TYP. INTERIOR WALL SECTION B  
SCALE: 3/4" = 1'-0"



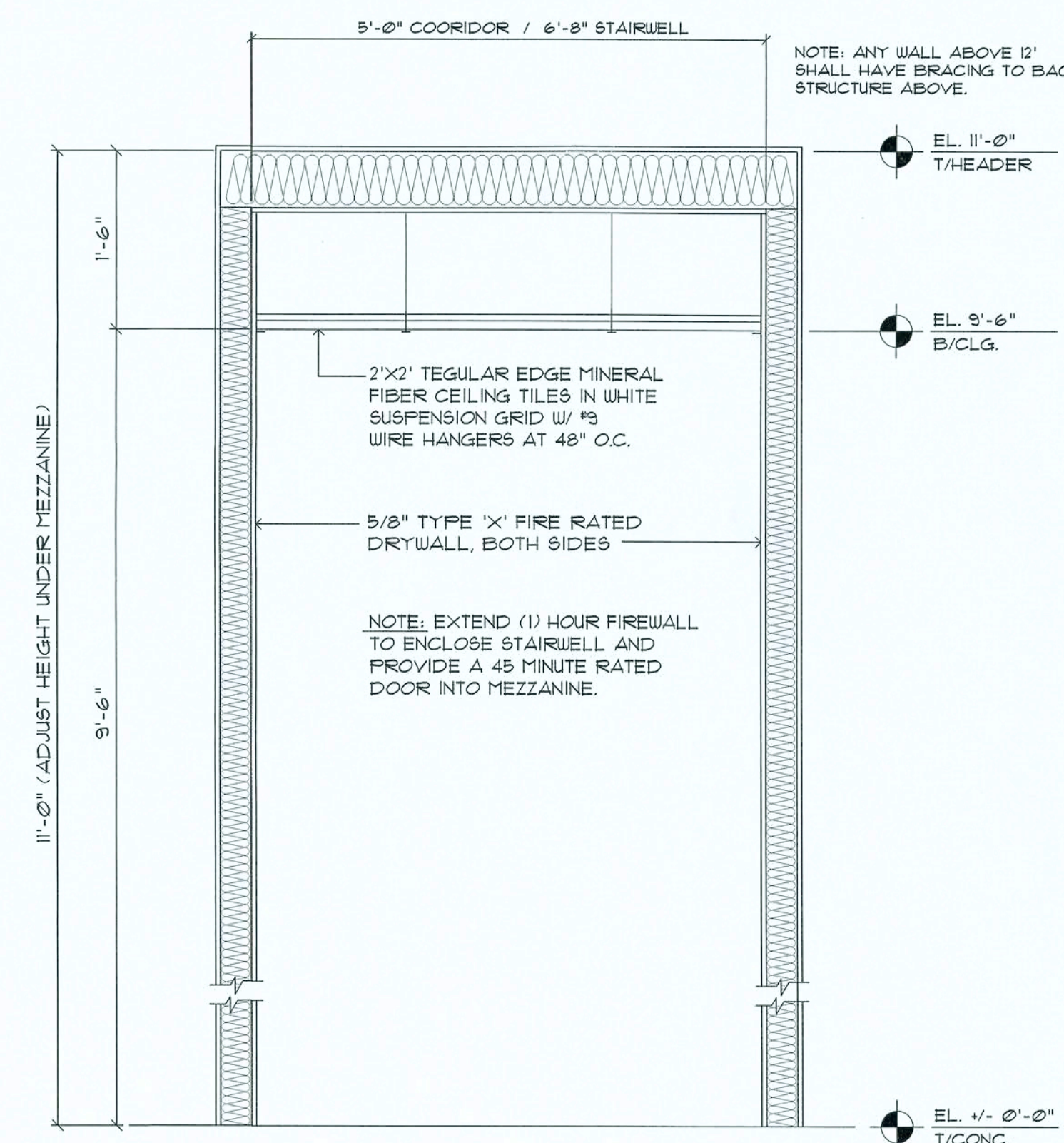
WALL SECTION UNDER MEZZANINE C  
SCALE: 3/4" = 1'-0"



BUILDING SECTION D  
SCALE: 3/8" = 1'-0"



BUILDING SECTION E  
SCALE: 3/8" = 1'-0"



TYPICAL SECTION OF CORRIDOR / STAIRWELL F  
SCALE: N.T.S.

REVISION:

DRAIN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Typical Wall Sections

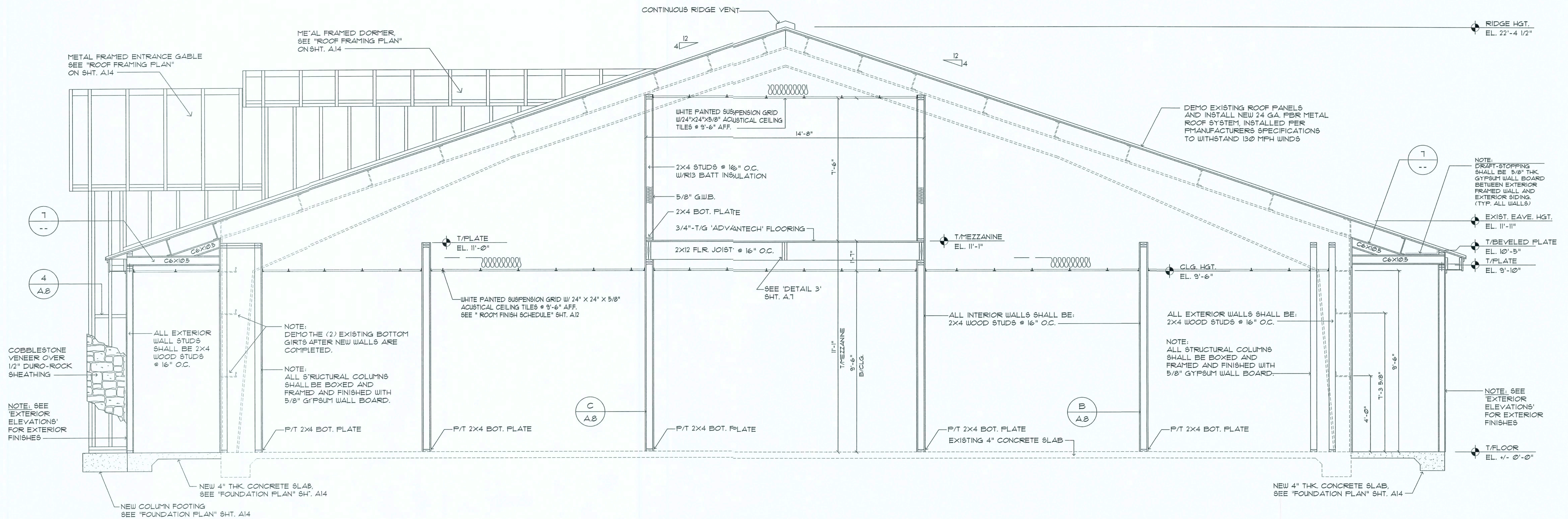
DAVID J. ROYAL  
ARCHITECTURAL DESIGNER  
Lake City, Florida - 386-787-4610

DATE:  
17 JULY 2019

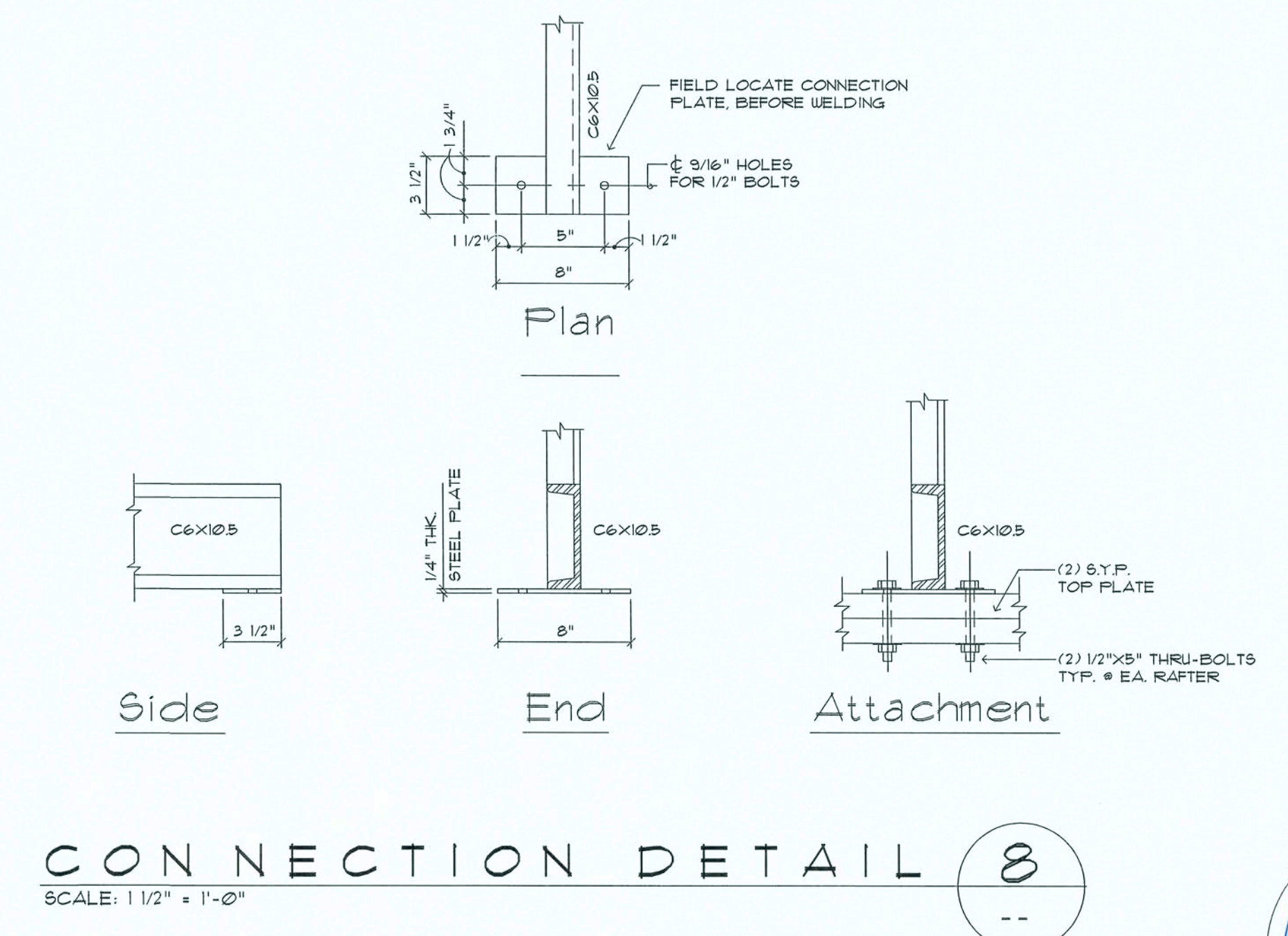
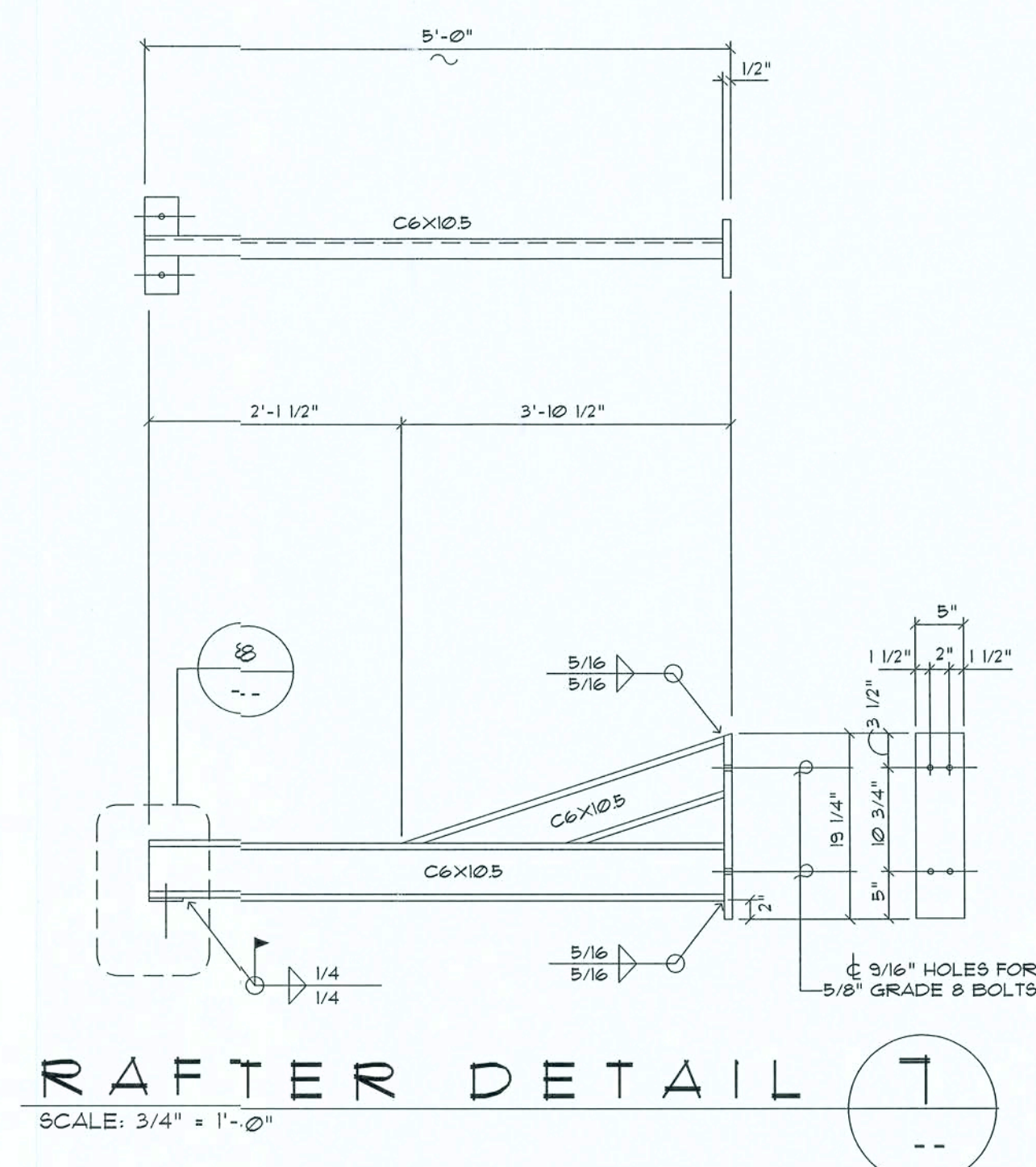
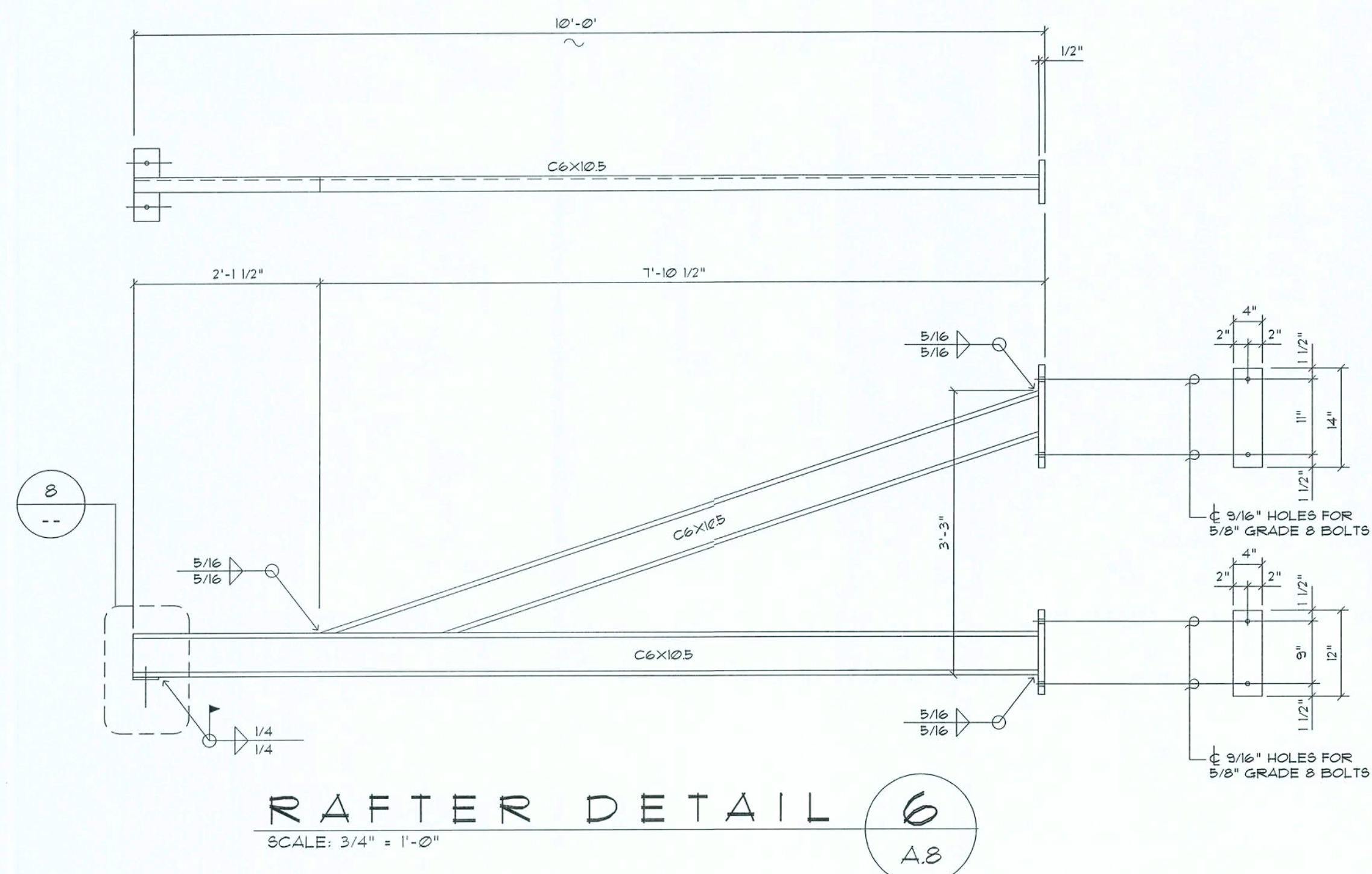
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A8  
8 OF 14

17 July 2019  
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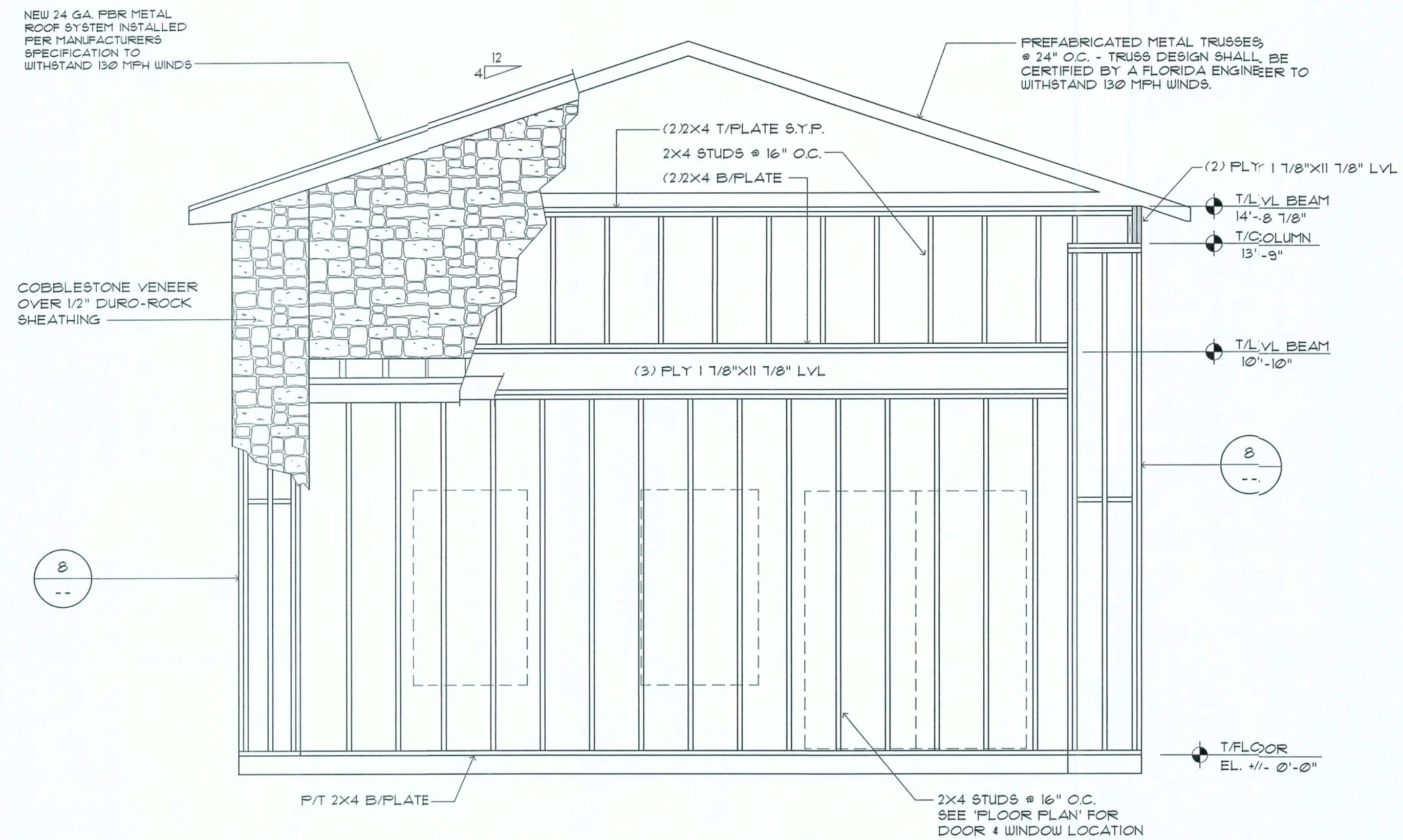


THE CONTRACTOR MAY USE 3/625 X 1/125 X 20 GA. "CLARK DIETRICK" PRO STUD FRAMING SYSTEM OR APPROVED EQUAL, IN LIEU OF 2X4 WOOD FRAMING. SEE 'METAL FRAMING DETAILS' SHT. 9.3



NOTE: CONTRACTOR TO FIELD VERIFY ALL STRUCTURAL DIMENSIONS AND SUBMIT SHOP DRAWINGS FOR APPROVAL.



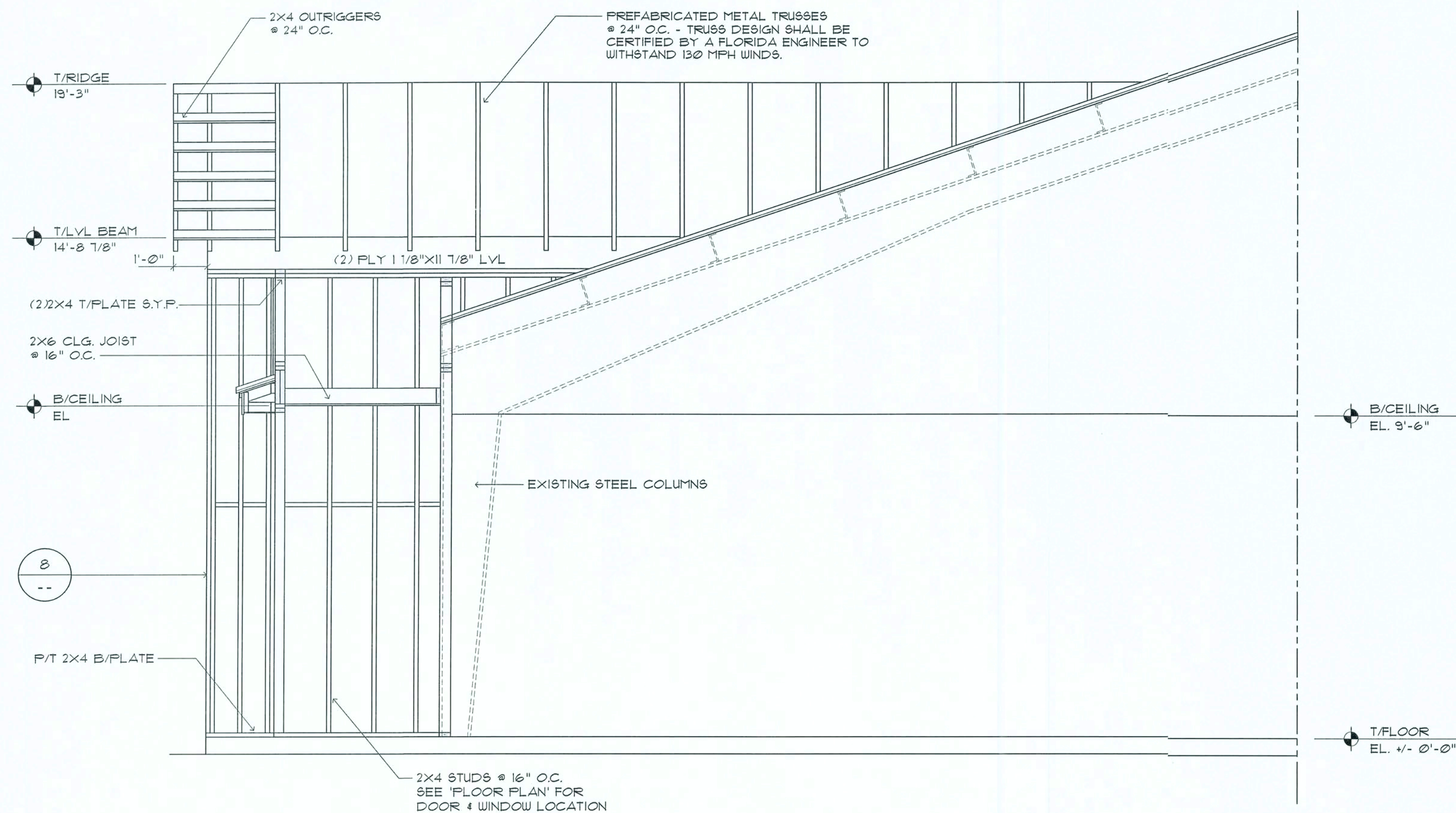


## FRONT ENTRANCE SECTION

SCALE: 3/8" = 1'-0"

G  
A.4

THE CONTRACTOR MAY USE 3.625 X 1.125 X 20 GA. "CLARK DIETRICK" PRO STUD FRAMING SYSTEM OR APPROVED EQUAL, IN LIEU OF 2X4 WOOD FRAMING. SEE 'METAL FRAMING DETAILS' SHT. S.3



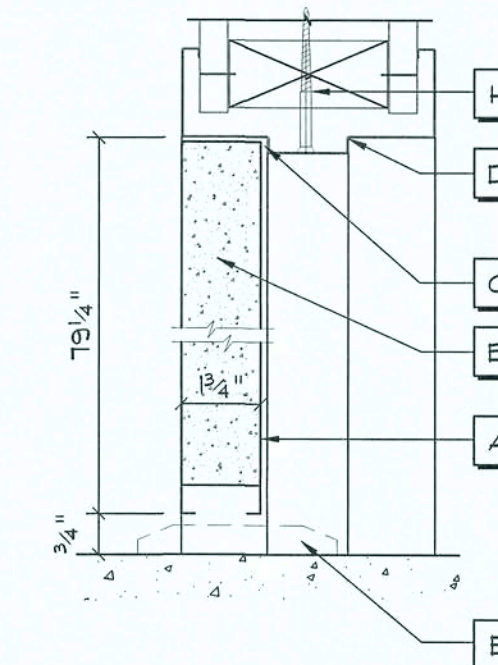
## FRONT ENTRANCE SIDE SECTION

SCALE: 3/8" = 1'-0"

H  
A.4

## Door Notes

- A NATURAL WOOD VENEER SKIN (OR EQUAL)
- B SOLID CORE
- C COMPRESSION BUMPERS
- D WOOD HEAD JAMB OR STEEL - SEE DOOR SCHEDULE
- E MARBLE THRESHOLD, AT R/R DOORS
- F #10-24 X 1/2" F.H.M.S. (4) SCREWS PER HINGE INTO DOOR
- G #10-24 X 1/2" F.H.M.S. (4) SCREWS PER HINGE INTO JAMB
- H #10 X 2" F.H.W.S (2) SCREWS THROUGH HEAD INTO HEADER
- J DOOR HARDWARE AS PER DOOR SCHEDULE



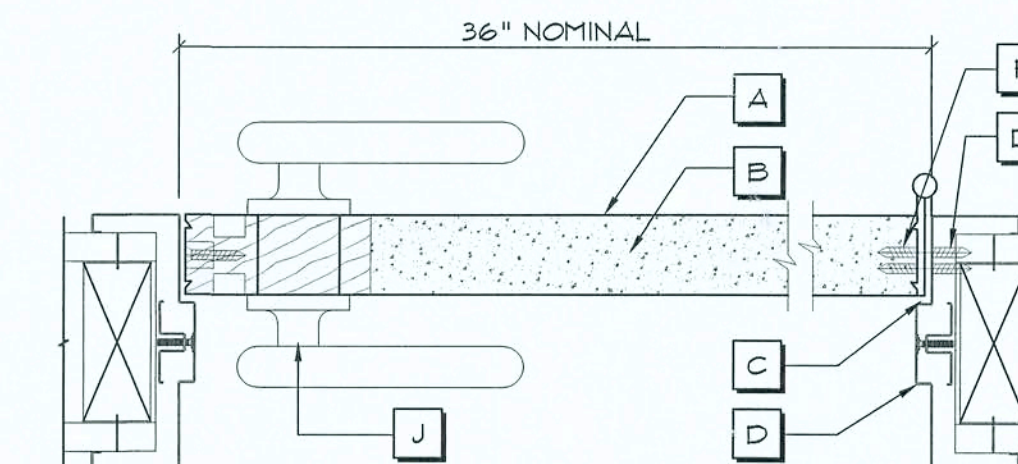
DESIGN PRESSURE RATINGS #	
POSITIVE	+16.0 PSF
NEGATIVE	-16.0 PSF

# WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED

NOTE !!!  
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "FREMDOR ENTRY SYSTEMS"

TYPICAL  
VERTICAL SECTION



## Interior Door DETAILS

SCALE: NONE

9

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4184 W. HWY. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Partial Building sections

DAVID J. ROYAL  
ARCHITECTURAL DESIGNER  
Lake City, Florida - 386-791-4670

NICHOLAS J. ROYAL  
ARCHITECT  
N.C.A.A. Certified

DATE:

17 JULY 2019

SHEET:

A.10

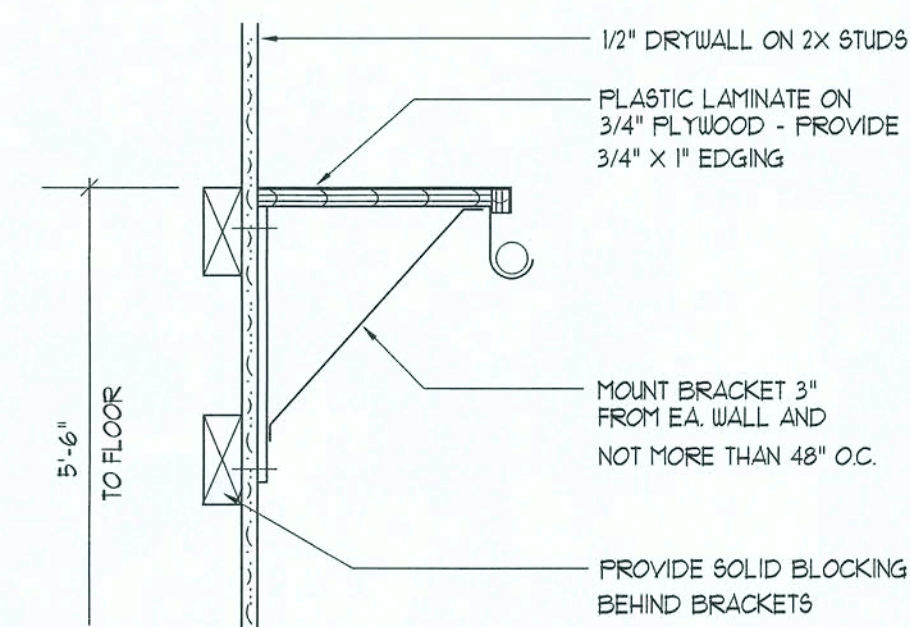
10 OF 14

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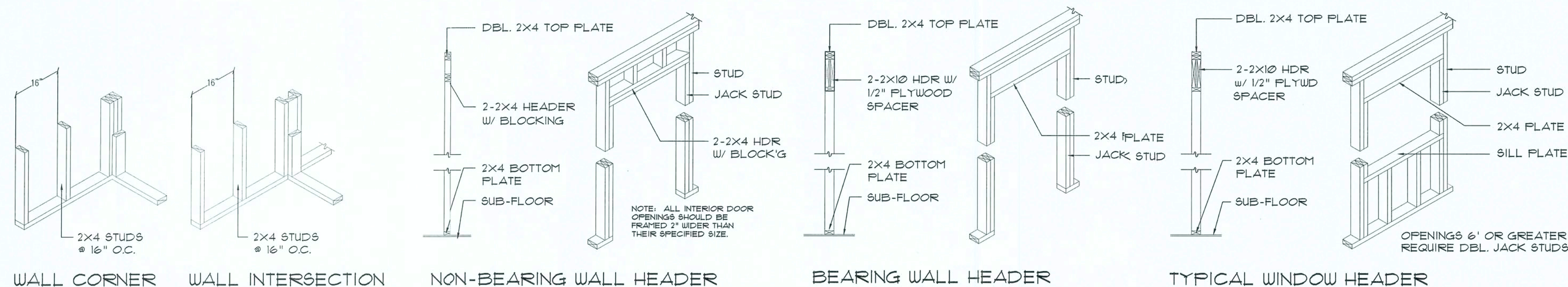
SCALE: NONE

HEADER SPANS FOR EXTERIOR BEARING WALLS							
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)					
		20'		28'		36'	
		SPAN	* JACKS	SPAN	* JACKS	SPAN * JACKS	
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1	2'-10"	1
	2-2x6	5'-5"	1	4'-8"	1	4'-2"	1
	2-2x8	6'-10"	1	5'-11"	1	5'-4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-6"	2
	2-2x12	9'-9"	2	8'-5"	2	7'-6"	2
	3-2x8	8'-4"	1	7'-5"	1	6'-8"	1
	3-2x10	10'-6"	1	9'-1"	2	8'-2"	1
	3-2x12	12'-2"	2	10'-7"	2	9'-5"	2
	4-2x8	9'-2"	1	8'-4"	1	8'-2"	1
	4-2x10	11'-8"	1	10'-6"	1	9'-5"	1
4-2x12	14'-1"	1	12'-2"	2	10'-11"	1	



## Closet Rod & Shelf DETAIL

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



## Framing DETAILS

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

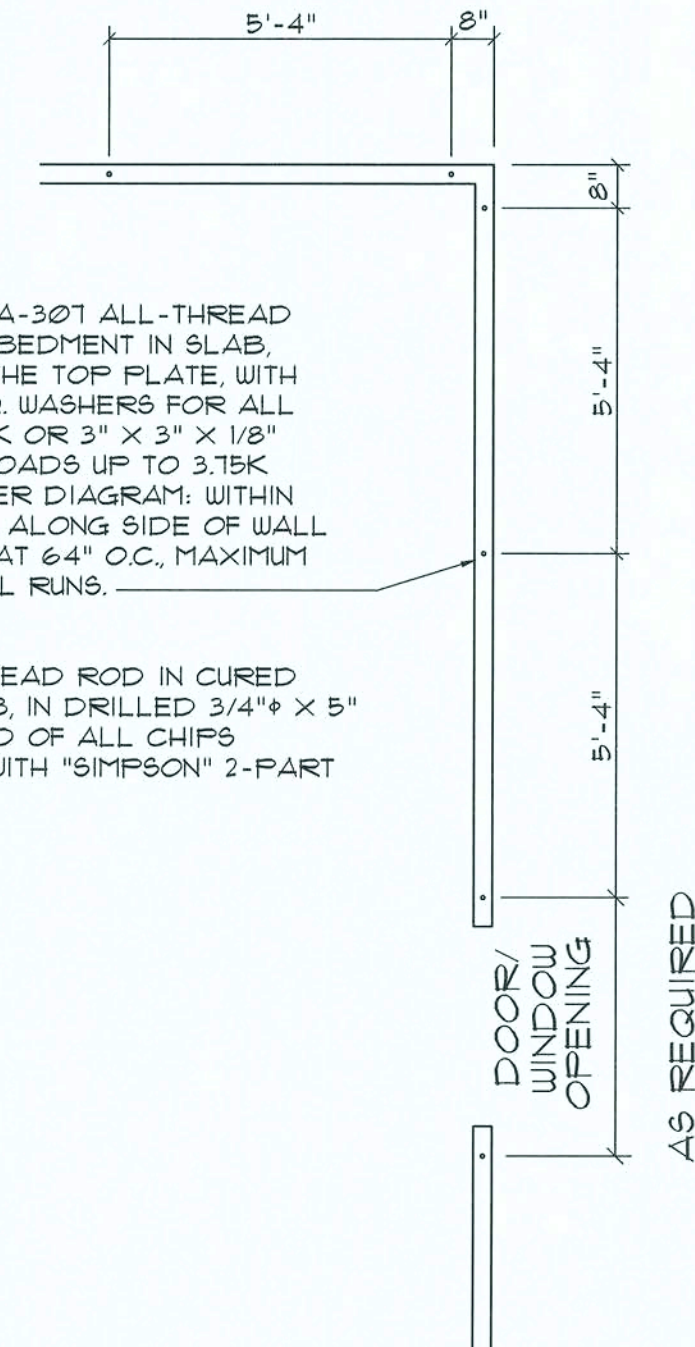
'WINDSTORM' EXTERIOR WALL SHEATHING:

APPLY VERTICALLY, "WINDSTORM" 7/16" OSB 48" X 91", 109", 121" OR 145" SHEATHING. FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d COMMON NAILS @ 3" O.C. OR 8d COMMON NAILS @ 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d COMMON NAILS @ 6" O.C. OR 8d COMMON NAILS @ 8" O.C.

SHEARWALL NOTES:

1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 9-81 SECCI 305.4.3.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" OSB INCLUDING AREAS ABOVE AND BELOW OPENINGS
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
4. NAIL SPACING SHALL BE 4" O.C. EDGES AND 8" O.C. IN THE FIELD.
5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'-0" WALLS (7'-2").

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

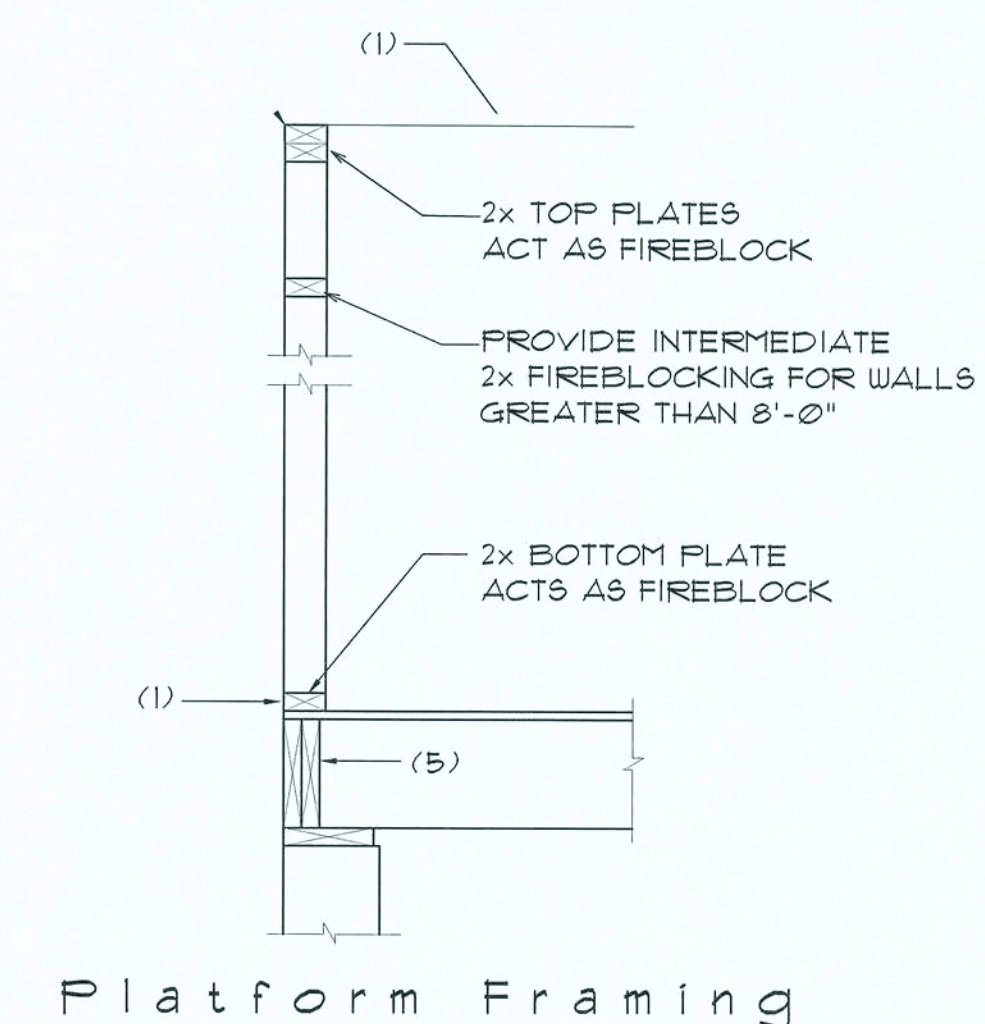


# All-Thread Wall Tie-Down PLAN

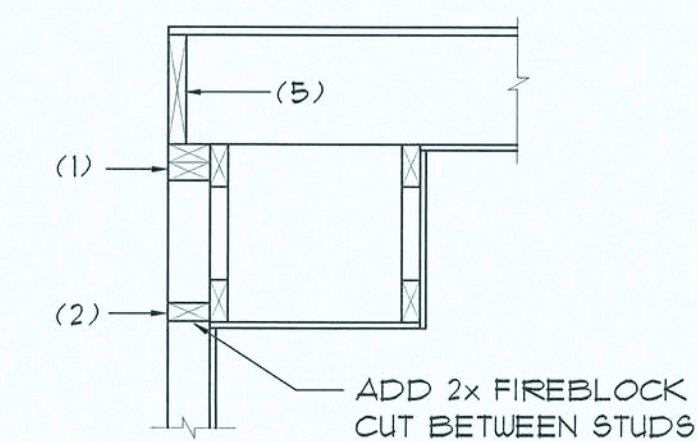
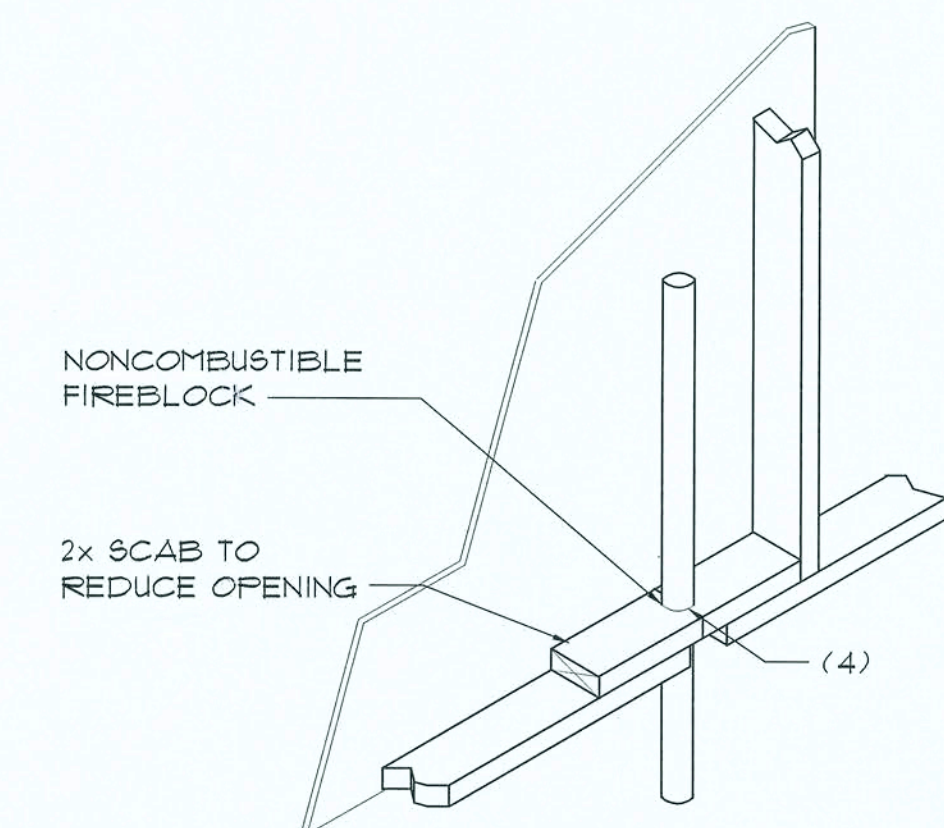
SCALE: NONE

### CONSTRUCTION NOTES

1. FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF STEMWALL.
2. ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER 2011 FBC - SEE SD1
3. PROVIDE EXTERIOR CONSTRUCTION AIR TO GAS FIRED H.V.A.C. EQUIPMENT, WOOD BURNING STOVES, AND FIREPLACES.
4. VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR AS REQUIRED.
5. CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER, ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE INSTRUCTIONS OR CLARIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
6. ROOF & FLOOR TRUSS FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING MEMBERS.
7. SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS USUALLY INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM THE DESIGNER'S RECOMMENDED BUILDING PROCEDURES, CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
8. LP GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRAWLSPACES.
9. DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS ONLY.



## Platform Framing

Soffit/Dropped Clg.

Penetrations

NOTE !

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

FIREBLOCKING NOTES:

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


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

## Fire Blocking DETAILS

SCALE : NONE



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ROOM FINISH SCHEDULE						SYMBOL 
MK.	LOCATION	FLOOR FINISH	CEILING FINISH	WALL FINISH	BASE FINISH	COMMENTS
100	WAITING ROOM	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
101	RECEPTIONIST	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
102	CHILDS PLAY AREA	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
103	5' WIDE CORRIDOR	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
104	ADA RESTROOM #104	LVT	5/8" G.W.B.	PAINT	WOOD BASE	
105	ADA RESTROOM #105	LVT	5/8" G.W.B.	PAINT	WOOD BASE	
106	ADA RESTROOM #106	LVT	5/8" G.W.B.	PAINT	WOOD BASE	
107	ADA RESTROOM #107	LVT	5/8" G.W.B.	PAINT	WOOD BASE	
108	EXAM ROOM #1	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
109	OFFICE	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
110	EXAM ROOM #2	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
111	EXAM ROOM #3	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
112	EXAM ROOM #4	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
113	EXAM ROOM #5	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
114	EXAM ROOM #6	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
115	EXAM ROOM #7	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
116	EXAM ROOM #8	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
117	EXAM ROOM #9	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
118	EXAM ROOM #10	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
119	EXAM ROOM #11	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
120	EXAM ROOM #12	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
121	OFFICE	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
122	CONFERENCE ROOM	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
123	PROVIDER OFFICE #1	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
124	CLERKS OFFICE	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
125	TRIAGE ROOM #1	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
126	TRIAGE ROOM #2	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
127	RECORD STORAGE ROOM	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
128	PROVIDER OFFICE #2	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
129	NURSES STATION	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
130	PROVIDER OFFICE #3	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
131	STAIRWELL	LVT	5/8" G.W.B.	PAINT	WOOD BASE	
132	PROVIDER OFFICE #4	CARPET TILE	ACUSTICAL TILE	PAINT	WOOD BASE	
133	LABORATORY	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
134	CLOSET	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	
135	PHARMACY	LVT	ACUSTICAL TILE	PAINT	WOOD BASE	


ROOM FINISH LEDGEND:	
FLOORS	F1 CARPET TILE / LVT F2 LVT
WALLS	W1 5/8" G.W.B. PRIMED AND PAINTED 2 COATS
CEILINGs	C1 "ARMSTRONG" CORTEGA #24 24" X 24" X 5/8" SQUARE EDGE W/ FRELUDE 15/16" EXPOSED TEE GRID C2 5/8" G.W.B. DIRECT HUNG, TAPED & FINISHED, W/ 2 COATS OF LATEX CEILING PAINT, COLOR & GLOSS AS SELECTED BY THE ARCHITECT
TRIM PACKAGE	T1 6" WOOD BASE, 3" CHAIR RAIL, 4" CROWN MOULD, ALL PRIMED AND PAINTED 2 COATS T2 4" WOOD BASE, 4" CROWN MOULD - ALL PRIMED & PAINTED T3 3 1/2" WOOD BASE, PRIMED AND PAINTED 2 COATS T4 4" RUBBER COVE T5 NONE

NOTE!!!

1. IN ADDITION TO THE BASIC TRIM STYLES LISTED ABOVE, ALL DOOR & WINDOW FRAMES AND ARCHWAYS SHALL BE CASED W/ 4" CASING & 5" FLINTH BLOCKS - FINISH SHALL MATCH THE FINISH OF THE TRIM PACKAGE AS NOTED ABOVE IS: PAINTED OR STAINED.

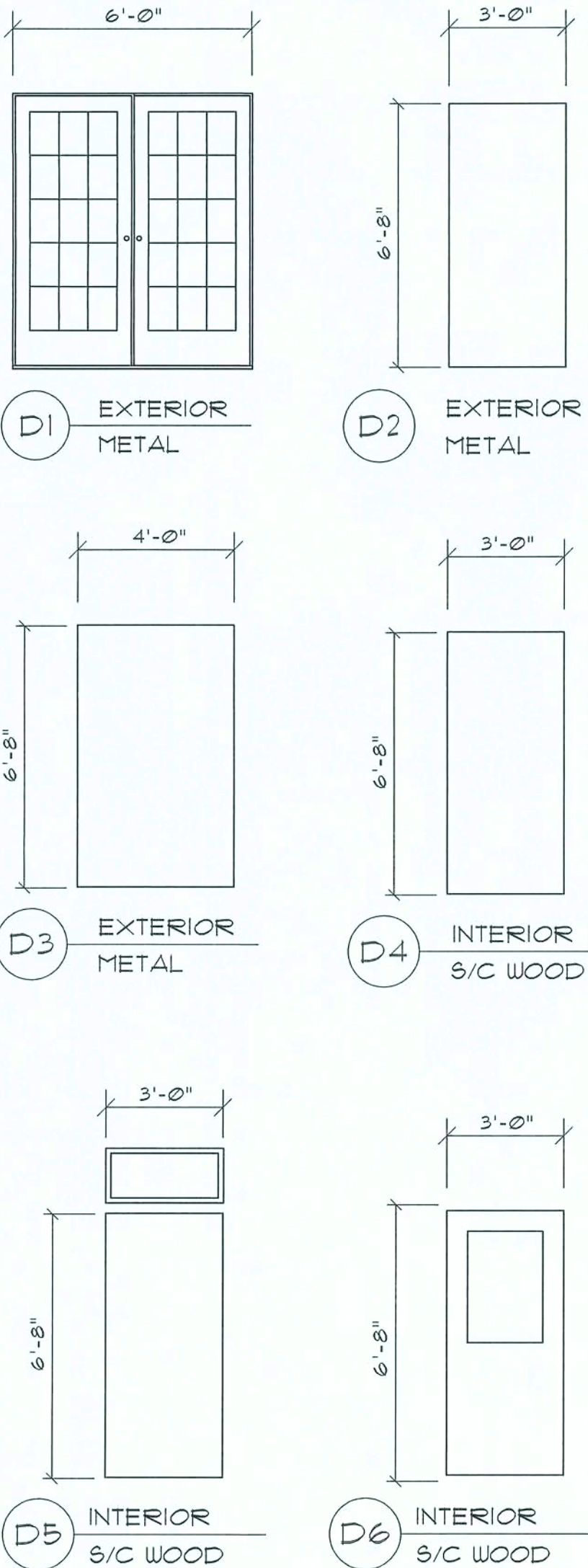
NOTE!!!


1. IN ADDITION TO THE BASIC TRIM STYLES LISTED ABOVE, ALL DOOR FRAMES AND ARCHWAYS SHALL BE CASED W/ 4" CASING & 5" FLINTH BLOCKS - FINISH SHALL MATCH THE FINISH OF THE TRIM PACKAGE AS NOTED ABOVE IS: PAINTED OR STAINED.
2. ALL WINDOW OPENINGS SHALL BE FULLY CASED W/ 4" CASING & 5" FLINTH BLOCKS - FINISH SHALL MATCH THE FINISH OF THE TRIM PACKAGE AS NOTED, ABOVE.

WINDOW SCHEDULE				SYMBOL 
MK.	TYPE	SIZE	TYPE	
A	S/H	3'-0"W X 5'-0"H	ALUMINUM SASH W/INSULATED GLASS	
B	S/H	3'-0"W X 5'-0"H	ALUMINUM SASH W/INSULATED GLASS	
C	FIXED	3'-0"W X 1'-6"H	TRANSOM W/TRIM	
D	SLIDER	4'-0"W X 3'-10"H	SLIDER W/TRANSACTION SHELF - FIXED PANEL	

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI PRODUCTS, INC." - OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR UND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS

NOTE. VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.



DOOR SCHEDULE								SYMBOL 
MK.	LOCATION	WIDTH	HEIGHT	THK.	TYPE	HARDWARE GROUP	MODIFICATIONS	COMMENTS
1	FRONT ENTRANCE	6'-0"	6'-8"	1 3/4"	D1	5	M3, M4, M6	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
2	CHILDS PLAY AREA	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
3	CLOSET	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
4	ADA RESTROOM #104	3'-0"	6'-8"	1 3/4"	D4	3	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
5	ADA RESTROOM #105	3'-0"	6'-8"	1 3/4"	D4	3	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
6	ADA RESTROOM #106	3'-0"	6'-8"	1 3/4"	D4	3	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
7	ADA RESTROOM #107	3'-0"	6'-8"	1 3/4"	D4	3	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
8	EXAM ROOM #1	3'-0"	6'-8"	1 3/4"	D5	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
9	OFFICE	3'-0"	6'-8"	1 3/4"	D5	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
10	EXAM ROOM #2	3'-0"	6'-8"	1 3/4"	D5	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
11	EXAM ROOM #3	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
12	EXAM ROOM #4	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
13	EXAM ROOM #5	3'-0"	6'-8"	1 3/4"	D5	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
14	EXAM ROOM #6	3'-0"	6'-8"	1 3/4"	D5	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
15	EXAM ROOM #7	3'-0"	6'-8"	1 3/4"	D5	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
16	EXAM ROOM #8	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
17	EXAM ROOM #9	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
18	EXAM ROOM #10	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
19	EXAM ROOM #11	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
20	EXAM ROOM #12	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
21	OFFICE	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
20	EXAM ROOM #12	3'-0"	6'-8"	1 3/4"	D4	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
21	OFFICE	3'-0"	6'-8"	1 3/4"	D4	2	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
22	REAR EXIT	3'-0"	6'-8"	1 3/4"	D3	6	M3, M4	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
23	SIDE EXIT	3'-0"	6'-8"	1 3/4"	D2	6	M3, M4	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
24	CONFERENCE ROOM	3'-0"	6'-8"	1 3/4"	D1	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
25	CONFERENCE ROOM	3'-0"	6'-8"	1 3/4"	D1	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
26	PROVIDER OFFICE #1	3'-0"	6'-8"	1 3/4"	D1	2	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
27	PHARMACY	3'-0"	6'-8"	1 3/4"	D1	4	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
28	RECORD STORAGE ROOM	3'-0"	6'-8"	1 3/4"	D1	4	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
29	RECORD STORAGE ROOM	3'-0"	6'-8"	1 3/4"	D1	4	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
30	TRIAGE ROOM #1	3'-0"	6'-8"					OPENING
31	TRIAGE ROOM #2	3'-0"	6'-8"					OPENING
32	CLERKS OFFICE	3'-0"	6'-8"	1 3/4"	D1	2	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
33	RECEPTIONIST	3'-0"	6'-8"					OPENING
34	ADULT ENTRY	3'-0"	6'-8"	1 3/4"	D1	1	M1, M3	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
35	PEDIATRIC ENTRY	3'-0"	6'-8"	1 3/4"	D1	1	M1, M3	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
36	LABORATORY	3'-0"	6'-8"	1 3/4"	D1	1	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
37	PROVIDER OFFICE #2	3'-0"	6'-8"	1 3/4"	D1	2	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
38	NURSES STATION	3'-0"	6'-8"	1 3/4"	D6	1	M2	FULL LITE
39	PROVIDER OFFICE #3	3'-0"	6'-8"	1 3/4"	D1	2	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
40	JANITORS CLOSET	3'-0"	6'-8"	1 3/4"	D1	4	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
41	PROVIDER OFFICE #4	3'-0"	6'-8"	1 3/4"	D1	2	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
41	STORAGE ROOM #1	3'-0"	6'-8"	1 3/4"	D1	4	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
42	STORAGE ROOM #2	3'-0"	6'-8"	1 3/4"	D1	4	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM
43	MEZZANINE	3'-0"	6'-8"	1 3/4"	D1	4	M1	SOLID CORE WOOD FLUSH PANEL W/5/4" OGEE & TRIM

DOOR HARDWARE					
GROUP	HANGER	OPERATOR	CONTROLLER	PROTECTOR	HDWR COMMENTS
1	SPRING HINGES	LOCKSET (PASSAGE)		DOOR STOP / BASEBOARD RIDGE BUMPER	
2	HINGES NRP	LOCKSET (OFFICE)	LOCKSET (PRIVACY)	DOOR STOP	
3	FR HINGES	LOCKSET (PASSAGE)	LOCKSET (PRIVACY)	DOOR STOP	
4	HINGES	LOCKSET (STOREROOM)	SPRING BALL LATCH DEVICE	DOOR STOP / HINGE TYPE	DEADBOLT
5	HINGES	LOCKSET (EXITS)	CLOSER, PANIC BAR	DOOR STOP	DEADBOLT
6	HINGES	LOCKSET (EXITS)	CLOSER, PANIC BAR	DOOR STOP	DEADBOLT

1. ALL HARDWARE SHALL BE GUARANTEED FOR A PERIOD OF TWO (2) YEARS AFTER INSTALLATION. CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE TO OWNER.
2. ALL LOCKS SHALL BE CONSTRUCTION KEYED. ALL PERMANENT KEYS AND CONSTRUCTION KEY TOOLS SHALL BE GIVEN TO THE OWNER ONLY. KEYING SHALL BE AS PER DIRECTION OF OWNER.

Door Modifications

- M1 FAIL SAFE -CLOSE W/ FIRE ALARM SYSTEM AND (1) HOUR FIRE RATING  
M2 FIRE RATED GLAZING  
M3 DOOR CLOSER  
M4 SURFACE MOUNTED IFANIC BAR  
M5 MAGNETIC DOOR LOCK W/BUZZER  
M6 TEMPERED GLASS  
M1 45 MIN. FIRE RATED, SEE LABEL

NOTES

- DOORS
- MINIMUM 3' IN WIDTH, 6'-8" IN HEIGHT.
  - OPENS A MINIMUM OF 90 DEGREES.
  - CLEAR WIDTH OF THE DOORWAY IS 32" MINIMUM.
  - DOUBLE DOORS/ AUTOMATIC DOORS - AT LEAST ONE DOOR MUST COMPLY WITH 1, 2 AND 3 ABOVE.
  - BOTTOM 10" OF DOOR HAS A SMOOTH, UNINTERRUPTED SURFACE (KICK PLATE).
  - EFFORT TO OPERATE DOORS IS WITHIN PRESSURES ALLOWED
    - INTERIOR DOORS - 5 POUNDS MAXIMUM PRESSURE TO OPERATE.
    - EXTERIOR DOORS - 8 1/2 POUNDS MAXIMUM PRESSURE TO OPERATE.
    - FIRE DOORS - 15 POUNDS MAXIMUM PRESSURE TO OPERATE.

1. AUTOMATIC DOORS MUST PROVIDE A MINIMUM 32" CLEARANCE WHEN FULLY OPEN. 3304(r)4.4.13.5
- DOORS HARDWARE
- EXIT DOORS ARE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
  - OPERABLE WITH A SINGLE EFFORT (EX: LEVER TYPE, PANIC BARS OR PUSH-FULL TYPE).
  - OPENING HARDWARE IS CENTERED BETWEEN 30" AND 44" ABOVE FINISH FLOOR.
  - DOOR CLOSERS, IF PRESENT, MUST BE SET SO THAT IT TAKES AT LEAST 3 SECONDS TO CLOSE FROM AN OPEN POSITION OF 10 DEGREES TO WITHIN 3" OF THE LATCH.

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**Door / Window & Finish Schedule**

DAVID J. ROYAL  
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Lake City, Florida - 386-757-1410

NICHOLAS GEORGE  
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1735 W. Buena Vista  
Orlando, FL 32835  
407-596-5666

DATE:

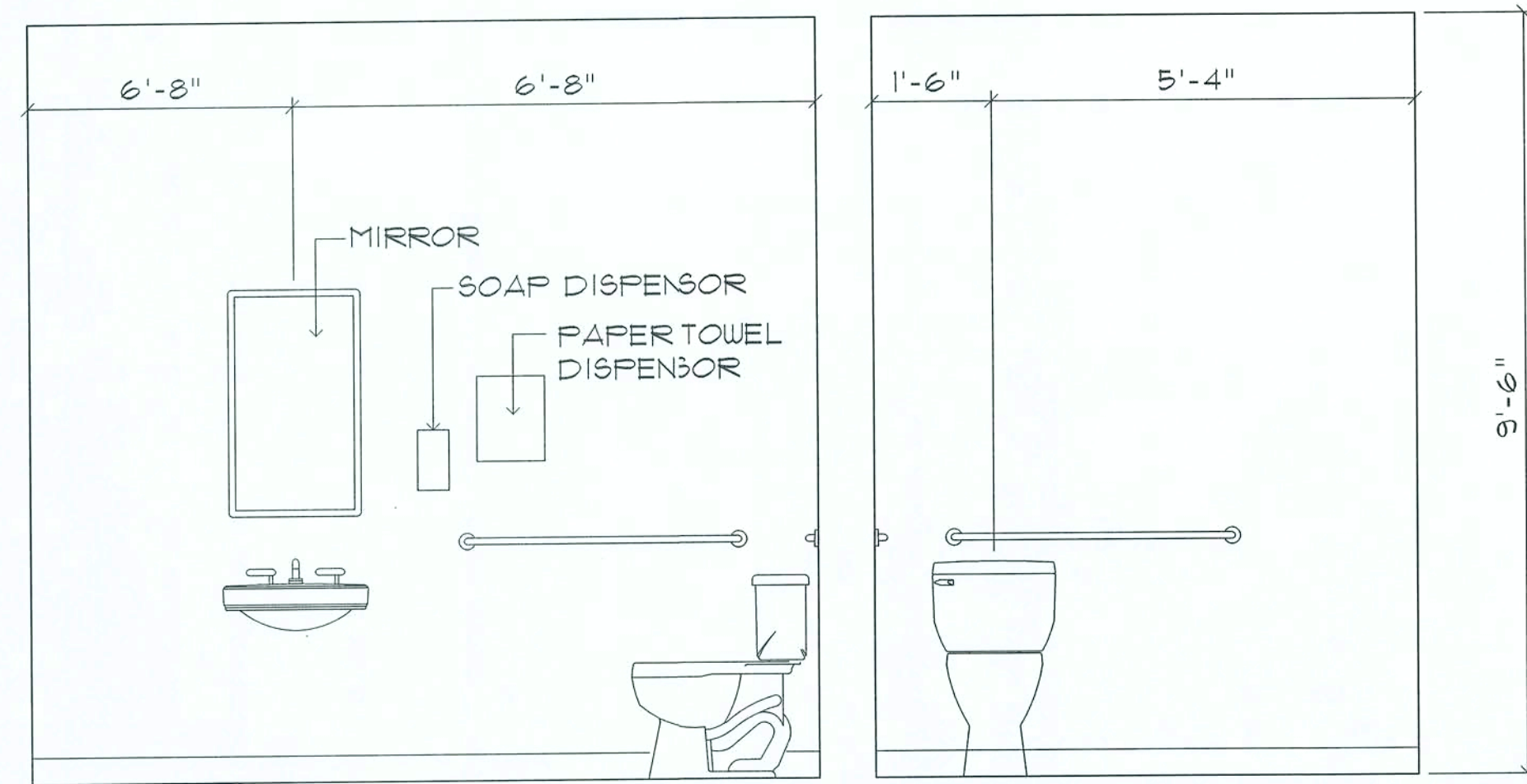
17 JULY 2019

SHEET:

A.12  
12 of 14

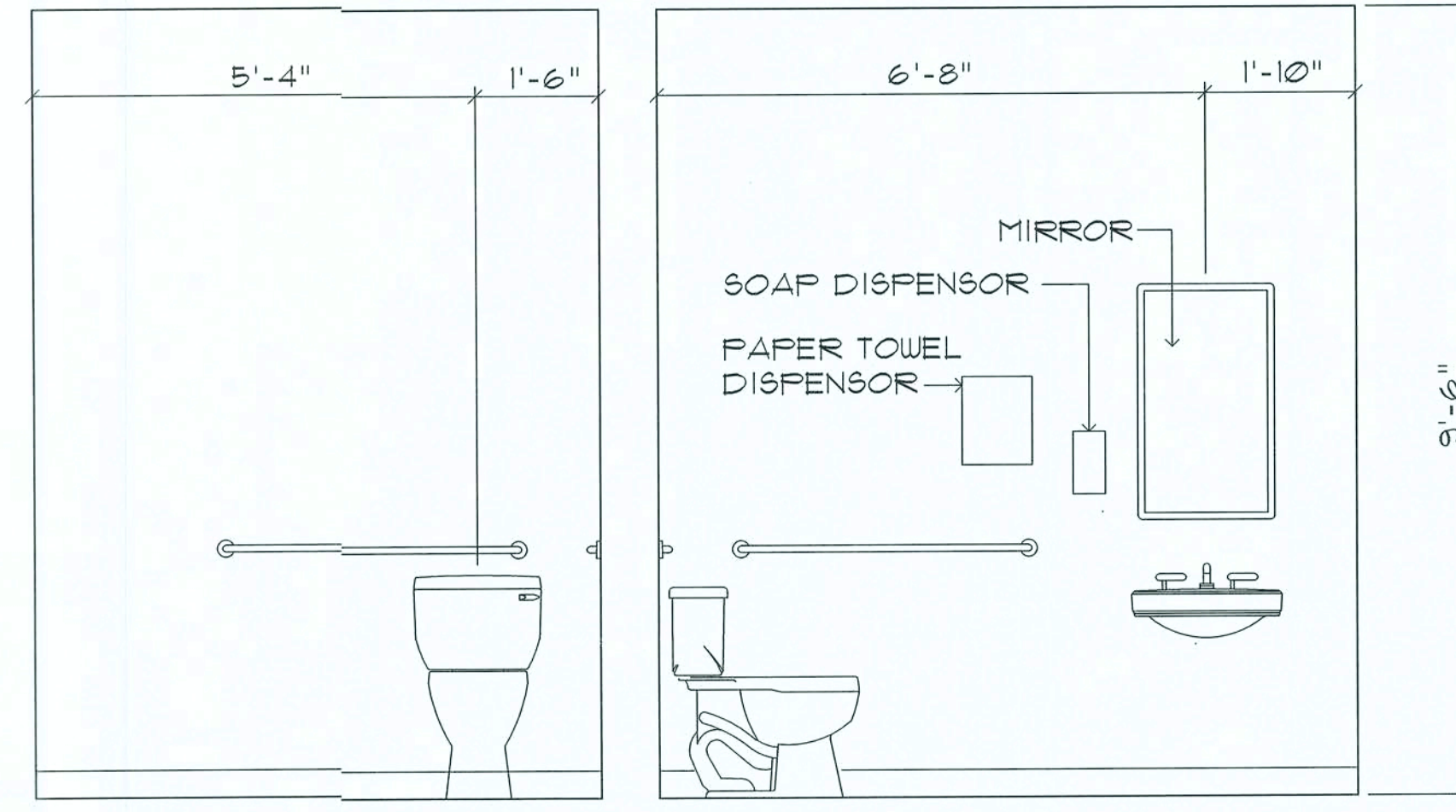
17 July 2019  
AR0001005





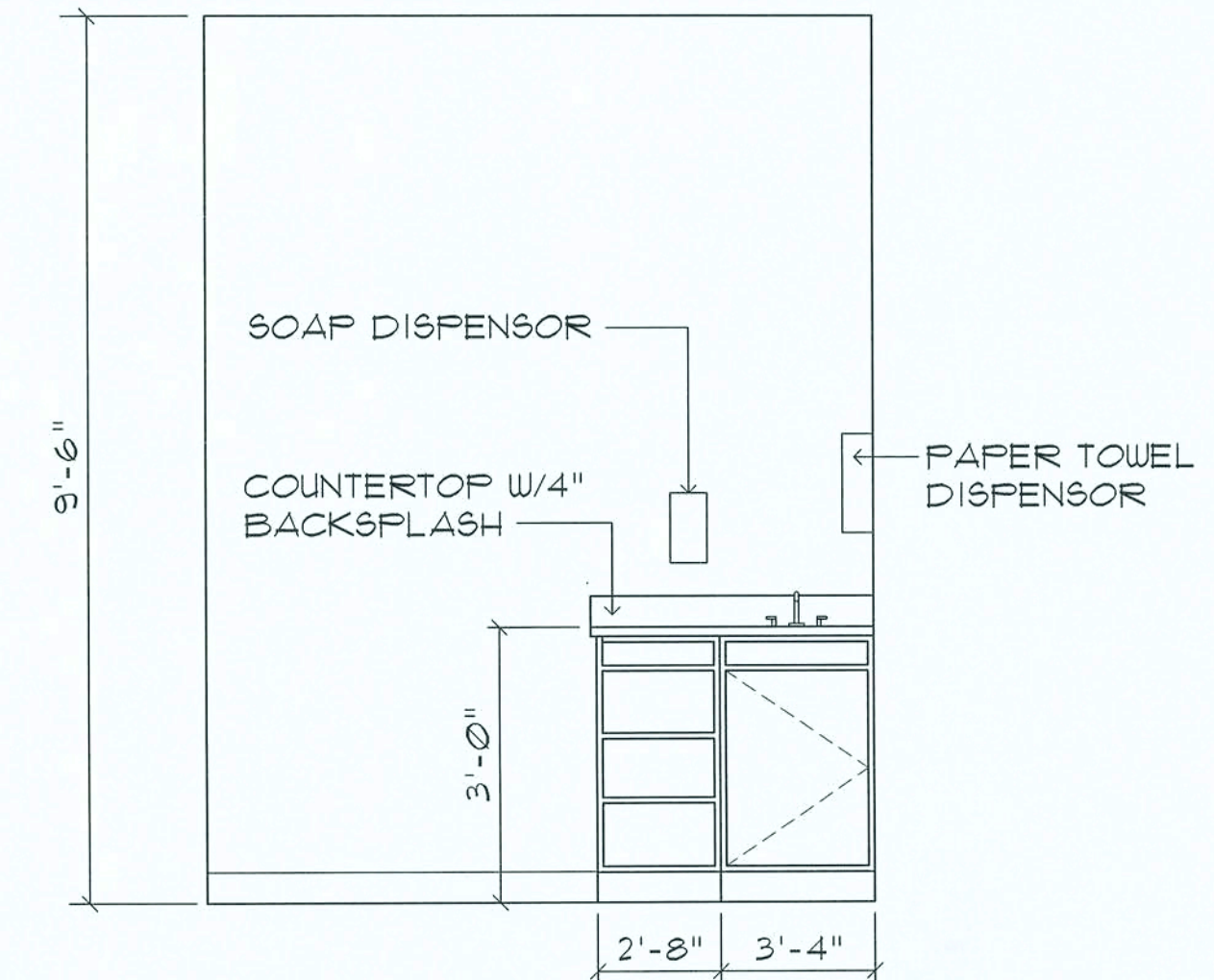
Interior Elevation Restroom #107

SCALE 1/2" = 1'-0"



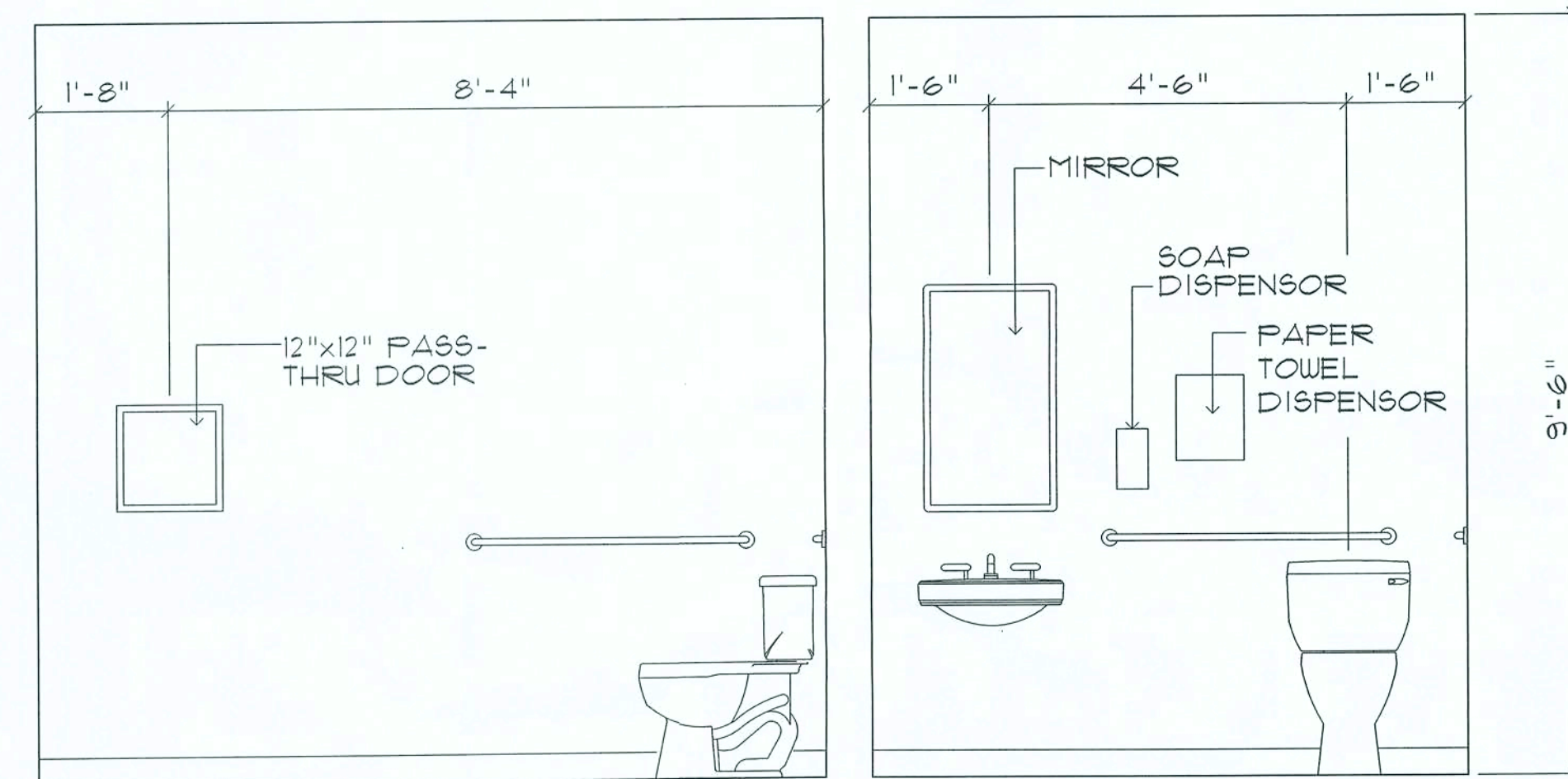
Interior Elevation Restroom #104

SCALE 1/2" = 1'-0"



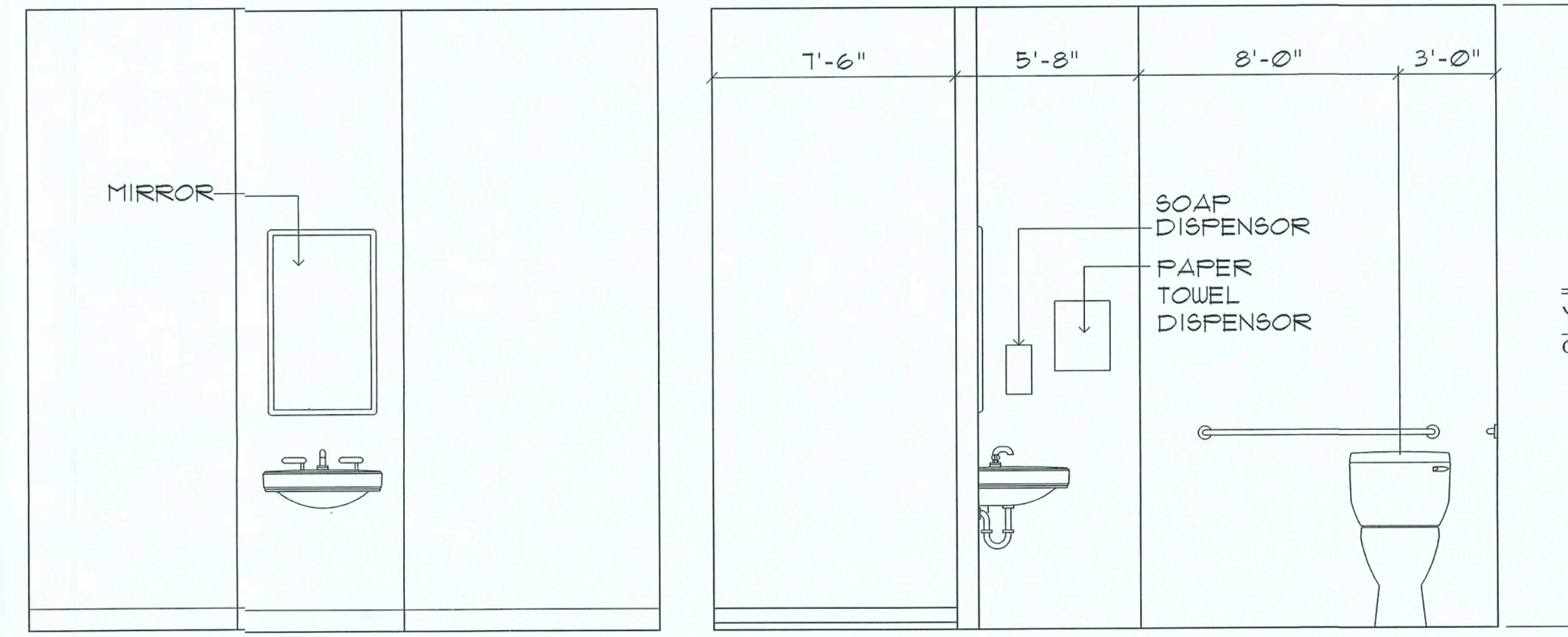
Typ. Exam Room

SCALE 1/2" = 1'-0"



Interior Elevation Restroom #105

SCALE 1/2" = 1'-0"



Interior Elevation Restroom #106

SCALE 1/2" = 1'-0"

#### GENERAL MILLWORK NOTES:

- MILLWORK SUB-CONTRACTOR PROVIDING CASEWORK, MILLWORK OR THE LIKE FOR THIS PROJECT SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6 OF THE GENERAL NOTES, SHEET G.1.
- SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: FABRICATION AND DELIVERY OF MILLWORK, SHOWN IN THE DRAWINGS, TO THE JOB SITE, INSTALLATION OF CABINET HINGES, CATCHES, DRAWER & TRAY GUIDES, ADJUSTABLE SHELF STANDARDS & SURFACE BOLTS.
- ALL APPLICABLE STANDARDS OF "AWI QUALITY STANDARDS & GUIDE SPECIFICATIONS" APPLY TO THIS PROJECT, UNLESS NOTED OTHERWISE.
- AWI "CUSTOM" GRADE EXCEPT AS OTHERWISE NOTED OR DIRECTED BY THE OWNER, SHALL BE THE BASE STANDARD OF QUALITY REQ'D FOR THIS WORK.
- MILLWORK SUB-CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER, THE FOLLOWING ITEMS, PRIOR TO FABRICATING ANY MAT'L'S OR MILLWORK: COMPLETE SET OF SHOP DRAWINGS, SAMPLES OF WD. SPECIES RECEIVING TRANSPARENT FINISH, MFR'S LITERATURE FOR ALL SPECIALTY ITEMS NOT MFD. BY THE ARCHITECTURAL WOODWORK FIRM AND HARDWARE SCHEDULE, SHOWING HARDWARE USED AT EA. LOCATION & CONFORMANCE W/ THE DESIGN INTENT OF THE DRAWINGS OR DIRECTIVES ISSUED BY THE OWNER.
- PRODUCTS SHALL INCLUDE THE FOLLOWING:  
SOFTWOOD - SOLID STOCK, PINE, C OR BETTER  
HARDWOOD - SPECIES AS SELECTED BY OWNER  
PLYWOOD, OPAQUE FINISH - FIR, GRADE A/B  
PLYWOOD, TRANSPARENT FINISH - SPECIES AS SELECTED BY OWNER  
PARTICLE BOARD - HIGH DENSITY, W/ RESIN BINDER  
LAM. PLASTIC - MFG, COLORS, PATTERNS & TEXTURES AS SELECTED BY OWNER  
LAMINATING ADHESIVES - POLYVINYL ACETATE, UREA-FORMALDEHYDE, CASE IN
- ASSEMBLE WORK AT MILL & DELIVER TO JOB SITE READY TO INSTALL INsofar AS POSSIBLE.
- PROTECT MILLWORK FROM MOISTURE & DAMAGE WHILE IN TRANSIT TO THE JOB SITE. UNLOAD AND STORE IN A PLACE WHERE IT WILL BE PROTECTED FROM MOISTURE AND DAMAGE AND BE CONVENIENT FOR INSTALLATION.
- FABRICATE WORK IN ACCORDANCE WITH MEASUREMENTS TAKEN AT THE JOB SITE.
- INSTALL HARDWARE IN ACCORDANCE WITH MANUF'R'S DIRECTIONS. LEAVE OPERATING HARDWARE OPERATING SMOOTHLY & QUIETLY.
- DAMAGED SURFACES SHALL BE REPAIRED TO MATCH UNDAMAGED ADJACENT PORTION OF THE WORK.

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W. Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Interior Elevations

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NICHOLAS PAUL GEISLER  
ARCHITECT  
1786 N. W. Brown Rd.  
Lake City, FL 32209  
386-285-4355

DATE:

17 JULY 2019

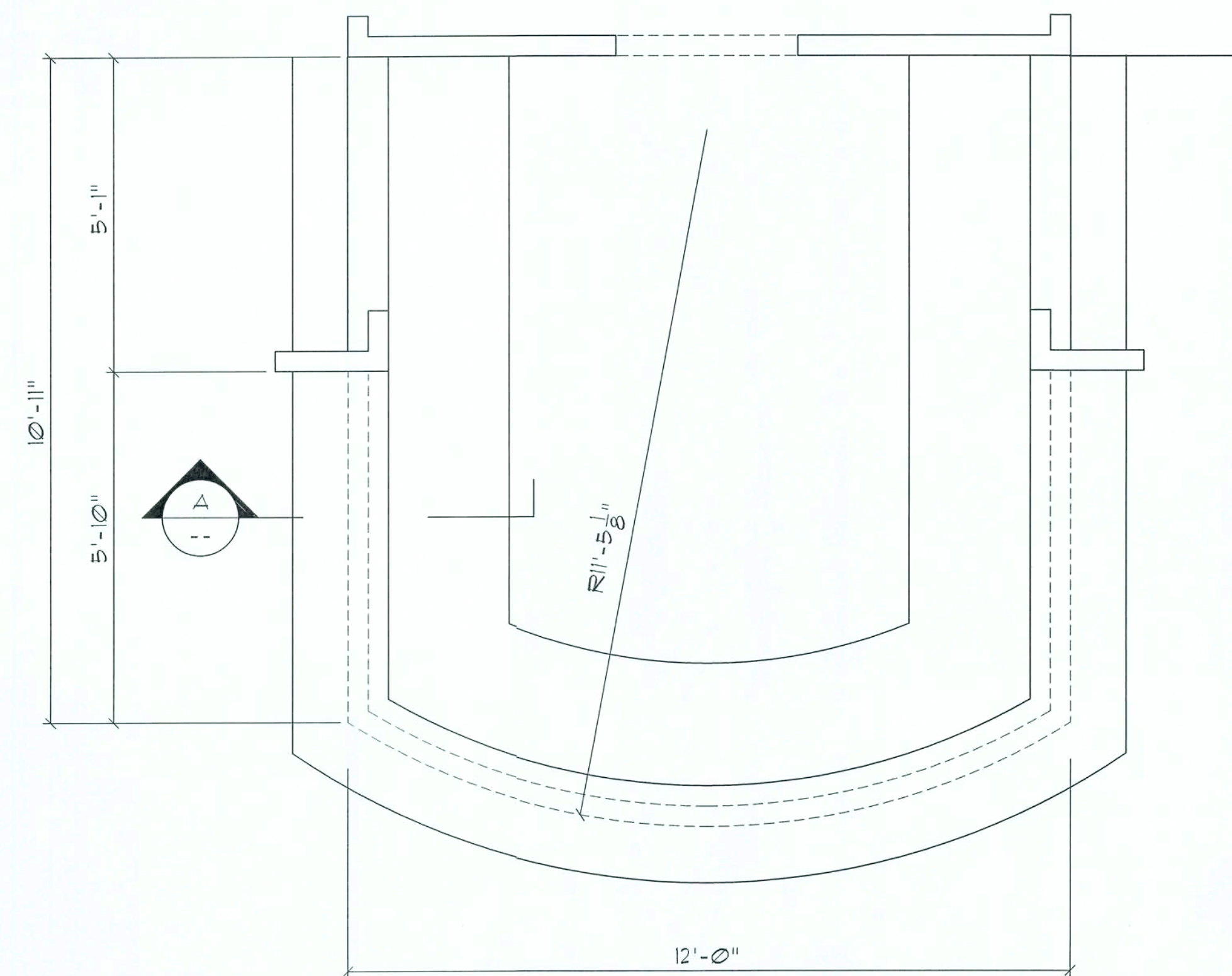
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A.13

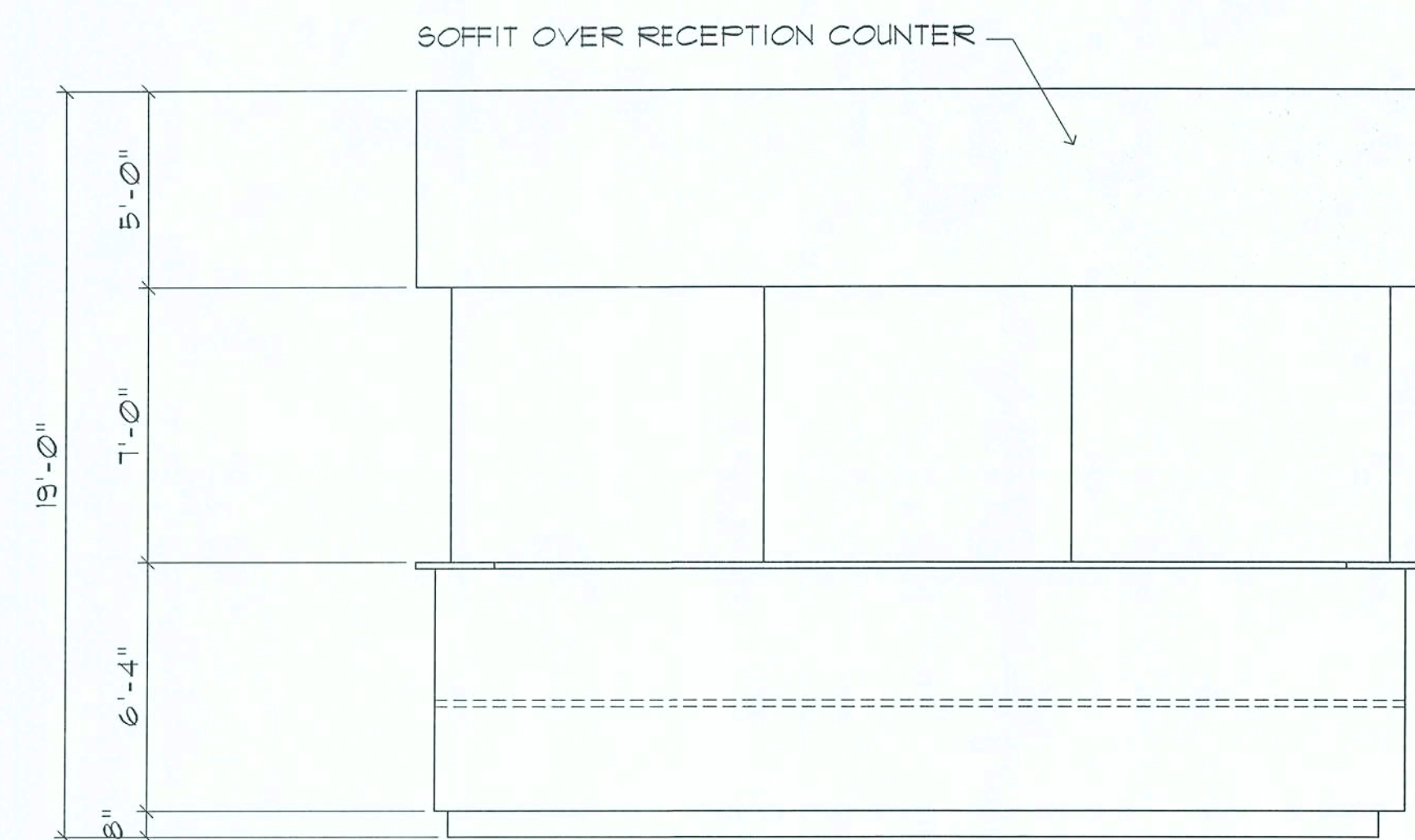
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17 July 2019  
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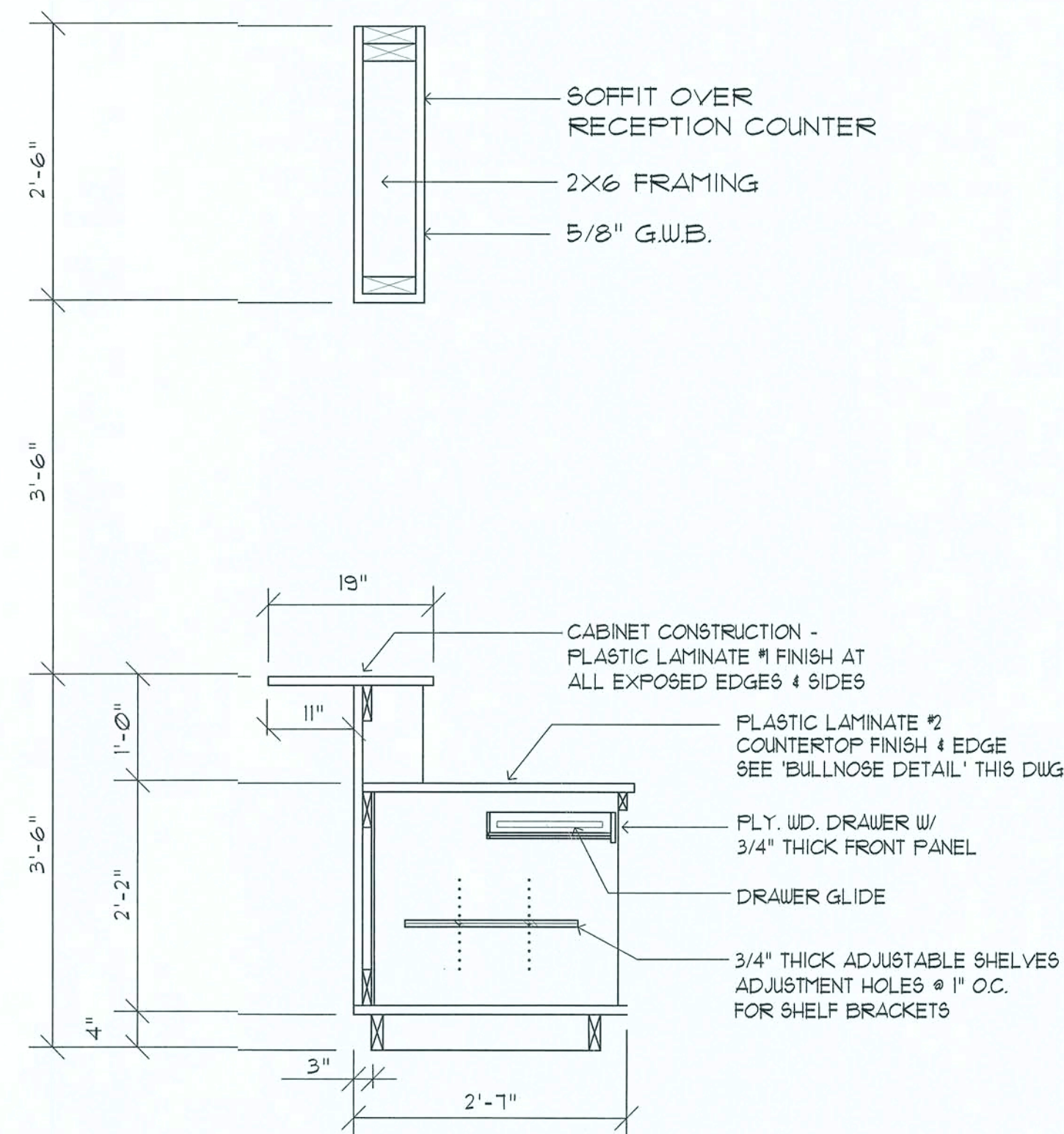
Plan  
SCALE 1/2" = 1'-0"



Front Elevation  
SCALE 1/2" = 1'-0"

## Receptionist Desk DETAILS

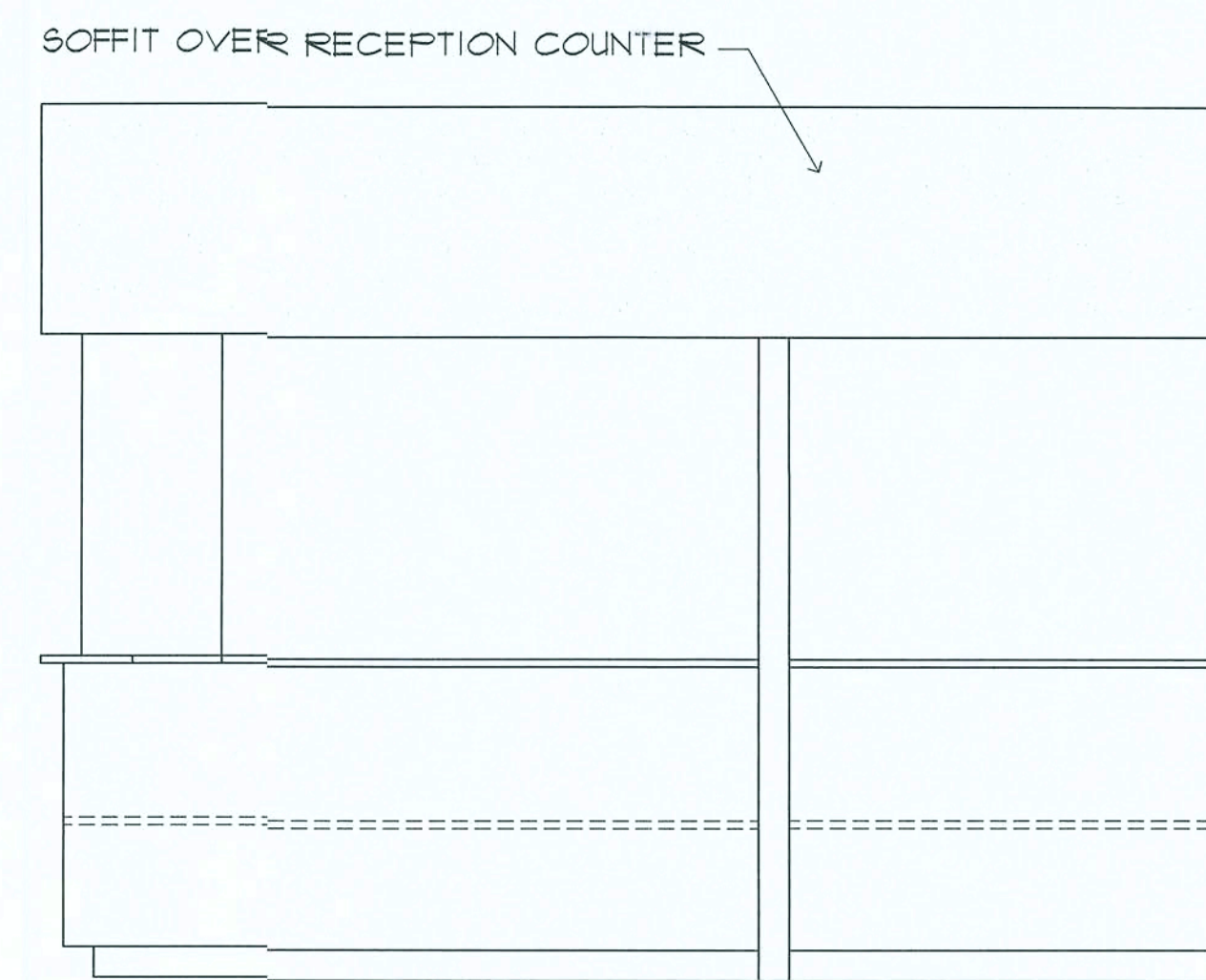
SCALE 3/4" = 1'-0"



NOTE!  
THESE DESK DETAILS ARE GENERAL IN NATURE AND PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

## Typical Desk SECTION

SCALE 3/4" = 1'-0"



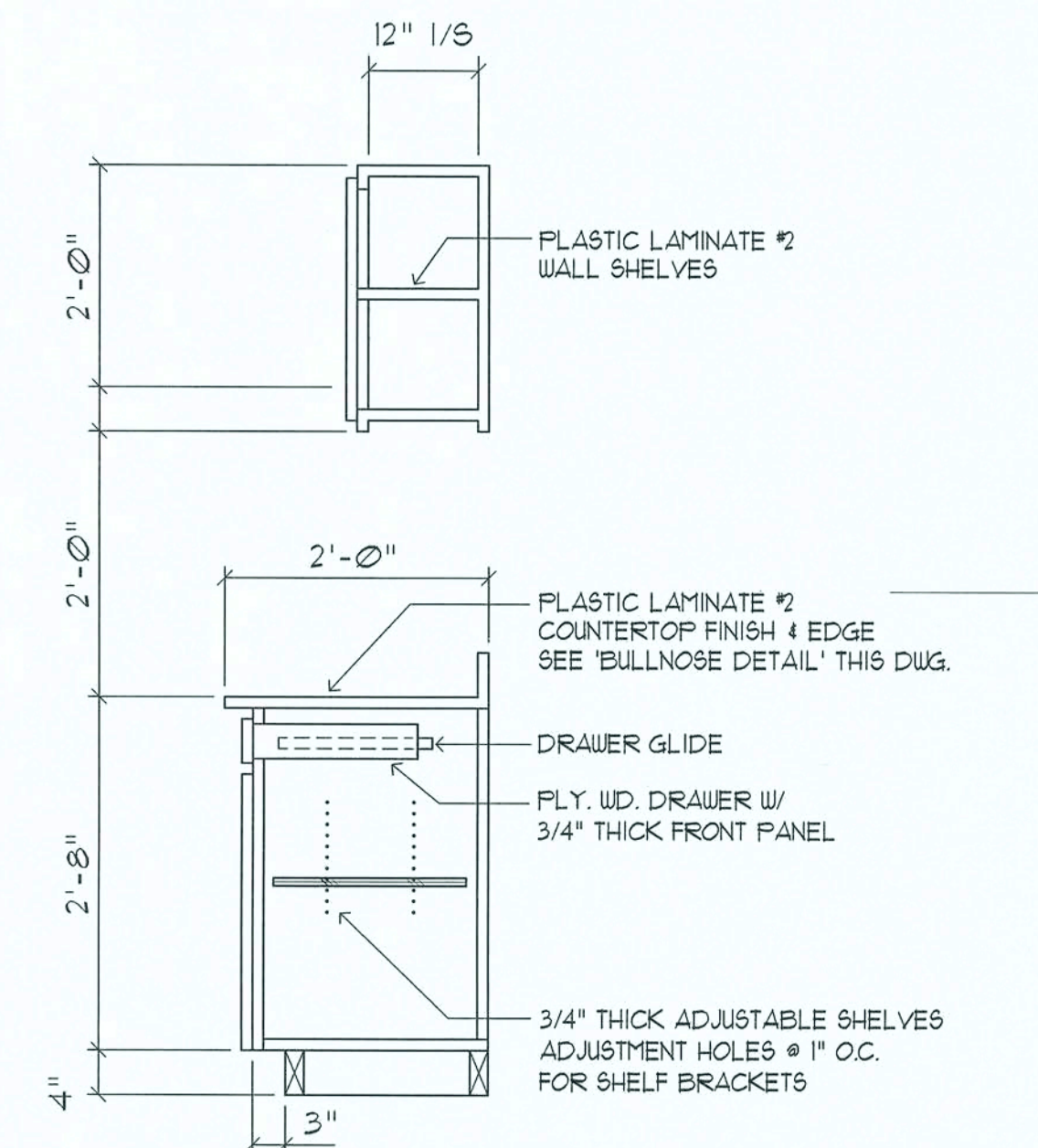
Side Elevation  
SCALE 1/2" = 1'-0"

## Side Elevation

SCALE 1/2" = 1'-0"

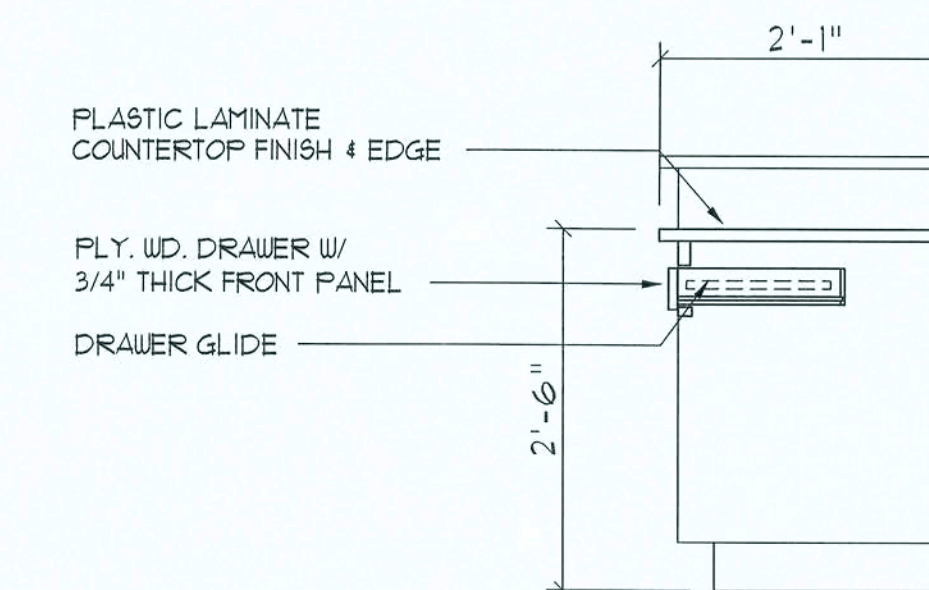
15

NOTE!  
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" A.F.F.

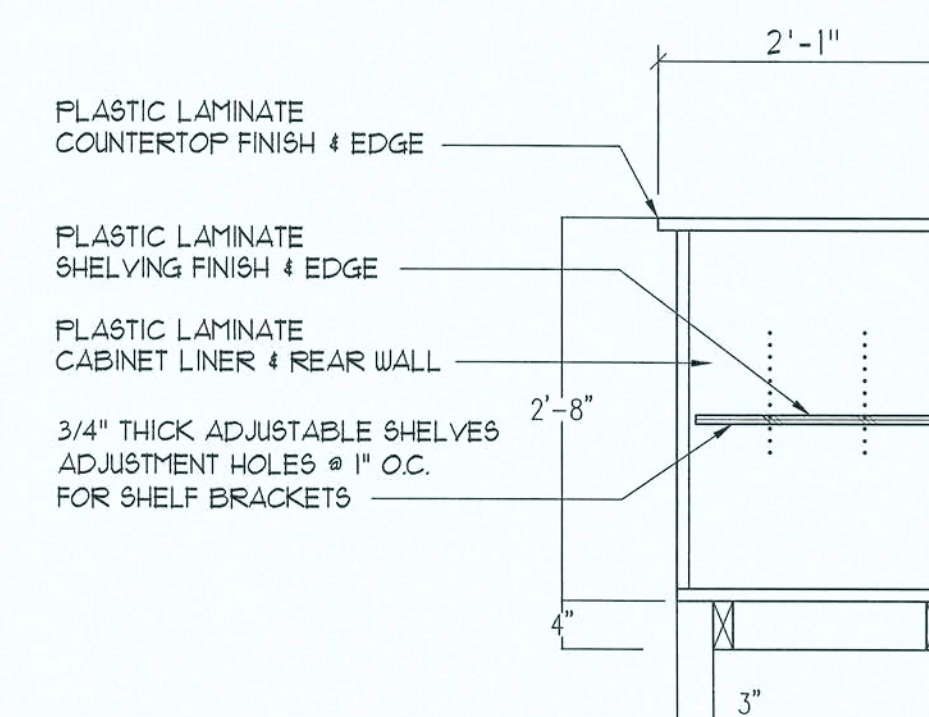


## Base & O/H Cab.

SCALE 3/4" = 1'-0"



## KNEE UNIT



## OPEN SHELF UNIT

## Records / Copier Counter

SCALE 3/4" = 1'-0"

NOTE!  
THESE COUNTER DETAILS ARE GENERAL IN NATURE AND PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

## Typ. Cabinet DETAILS

SCALE 3/4" = 1'-0"

16

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Interior Elevations

DAVID J. ROYAL  
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NICHOLAS  
GEORGE  
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N.C. AIA # 3585  
1750 N.W. Brown Road  
Lake City, FL 33603-4355

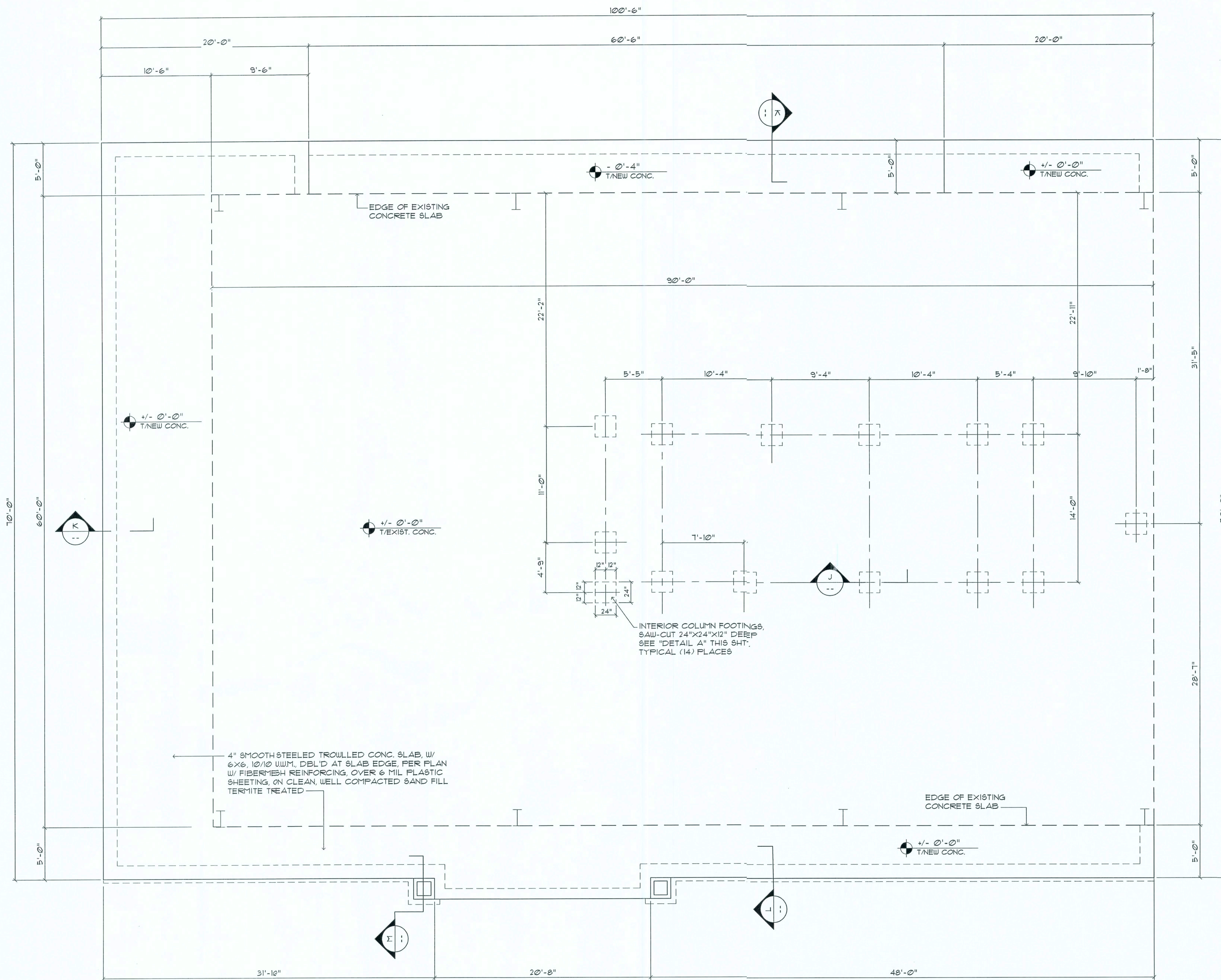
DATE:  
17 JULY 2019

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A.14

14 OF 14

17 July 2019  
AR0001005

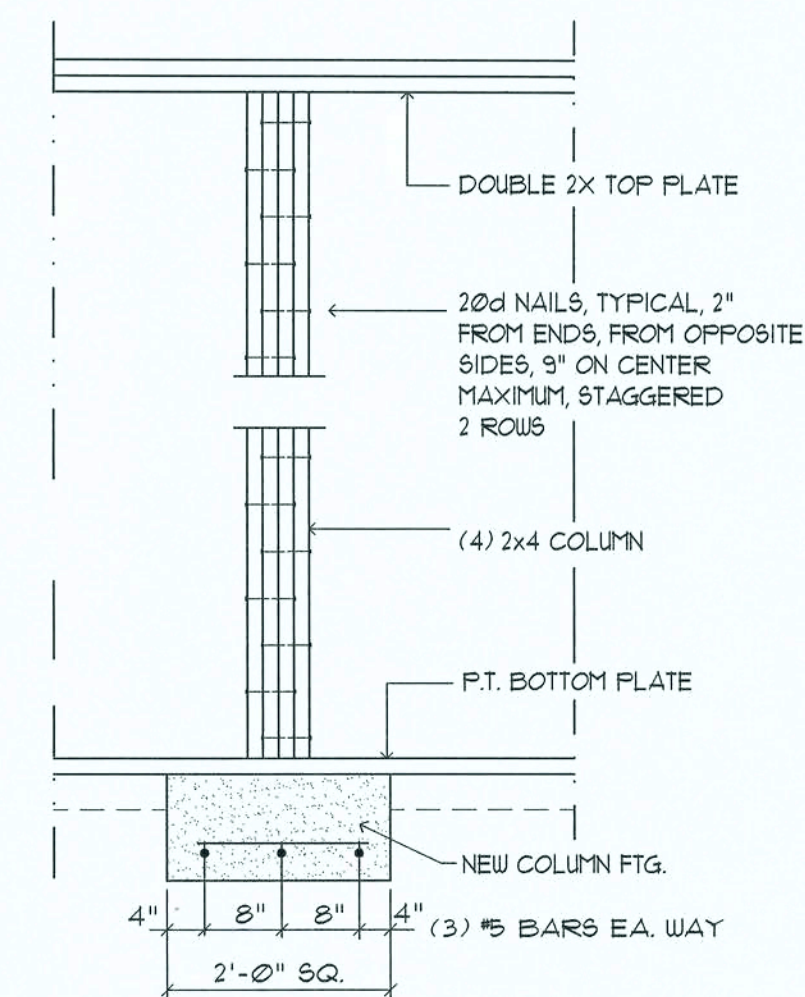




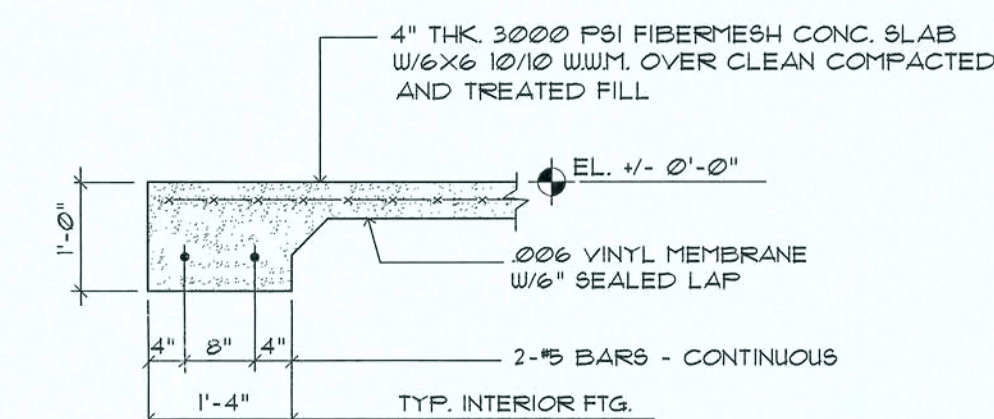
FOUNDATION PLAN  
SCALE: 3/16" = 1'-0"

GENERAL CONCRETE NOTES:

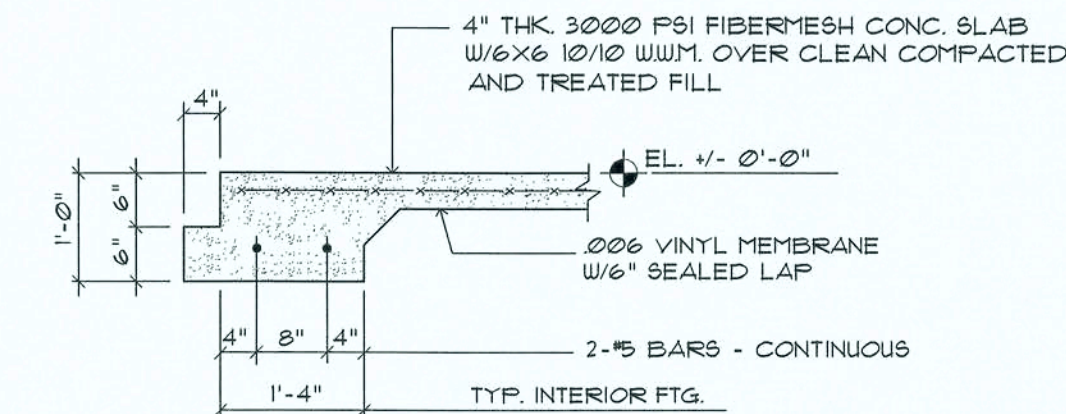
- ALL CONCRETE WORK SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE STANDARD 318-11.
- ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 40, EXCEPT AS NOTED.
- ALL REINFORCING STEEL SHALL HAVE A MIN. COVER OF 1" FOR SLABS, 1 1/2" FOR OTHER CONCRETE NOT EXPOSED TO WEATHER OR EARTH, 2" FOR CONCRETE EXPOSED TO WEATHER OR EARTH, AND 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.
- UNLESS OTHERWISE NOTED, REINFORCED LAP SPLICES SHALL BE ACI CLASS B SPLICES USING THE FOLLOWING LAP LENGTHS:  
#4 - 16"      #6 - 25"  
#5 - 20"      #7 - 34"
- PRIOR TO PLACING CONCRETE, ALL REINFORCING STEEL SHALL BE FREE OF LOOSE RUST AND SCALE OR ANY FOREIGN MATERIAL.
- PRIOR TO PLACING CONCRETE REFER TO ARCHITECTURAL, PLUMBING, PIPING, INSTRUMENTATION AND ELECTRICAL DRAWINGS FOR EMBEDDED ITEMS.



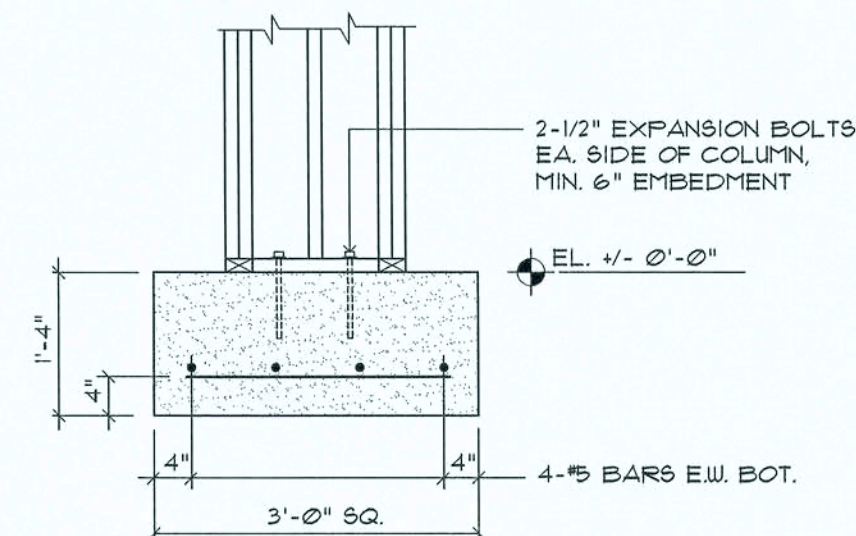
Typ. Interior Footing  
SCALE 3/4" = 1'-0" @ MEZZANINE BEARING POINTS



Typ. Perimeter Footing  
SCALE 3/4" = 1'-0" EXTERIOR SLAB FOOTING

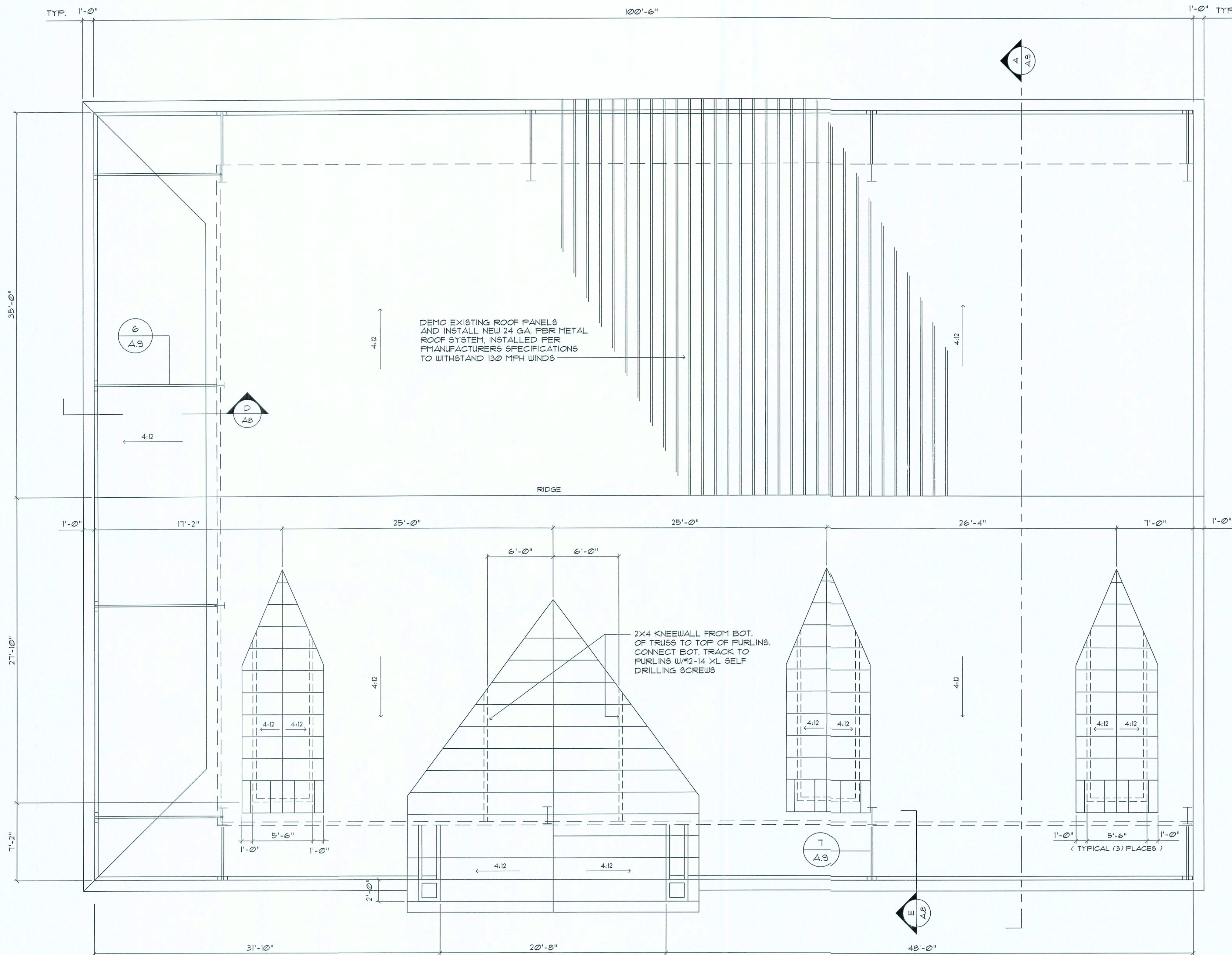


Typ. Perimeter Footing  
SCALE 3/4" = 1'-0" EXTERIOR SLAB FOOTING W/STONE EDGE



Typ. Column Footing  
SCALE 3/4" = 1'-0"

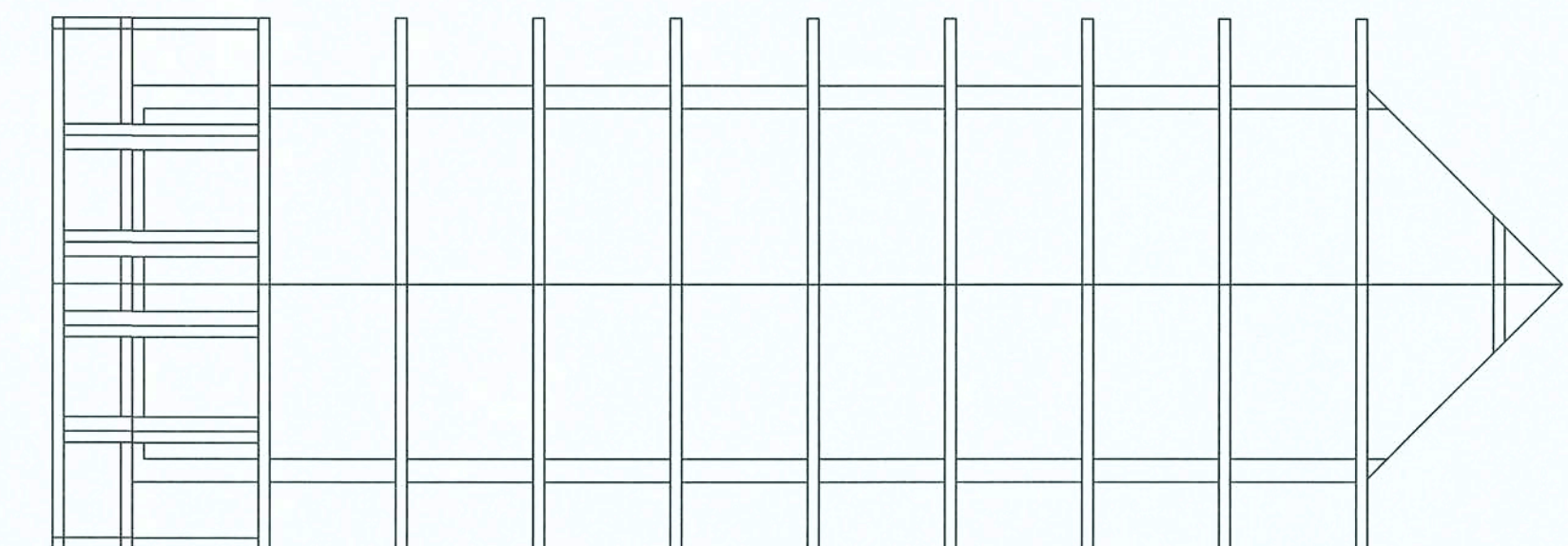




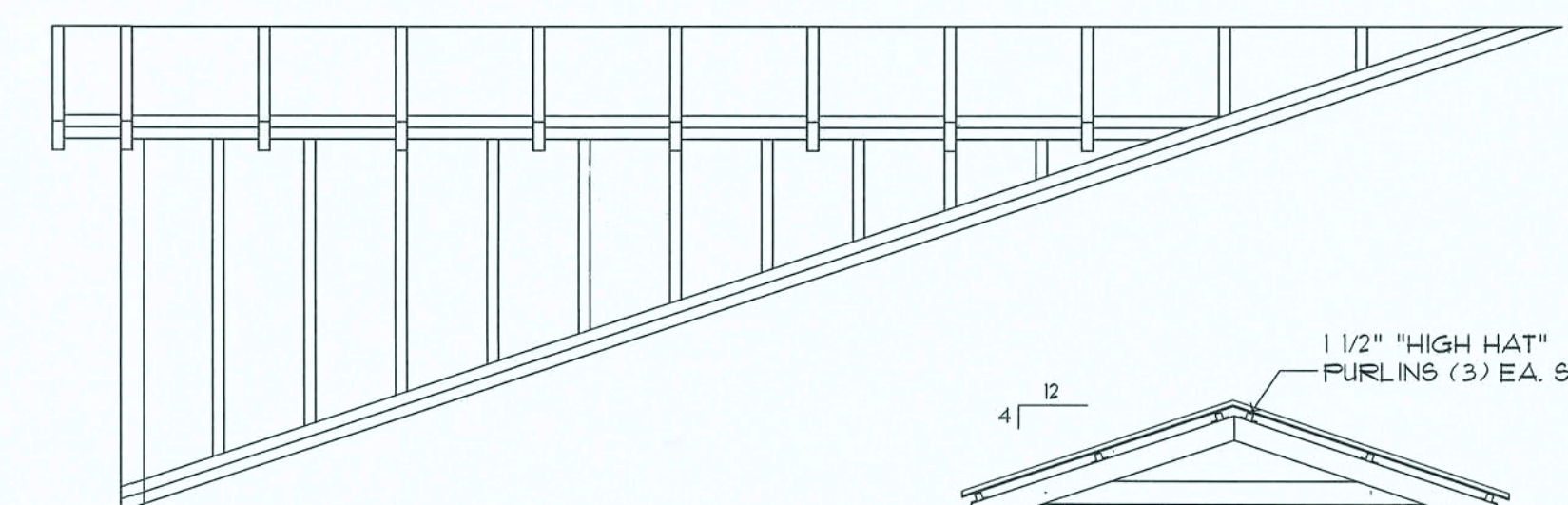
# ROOF FRAMING PLAN

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

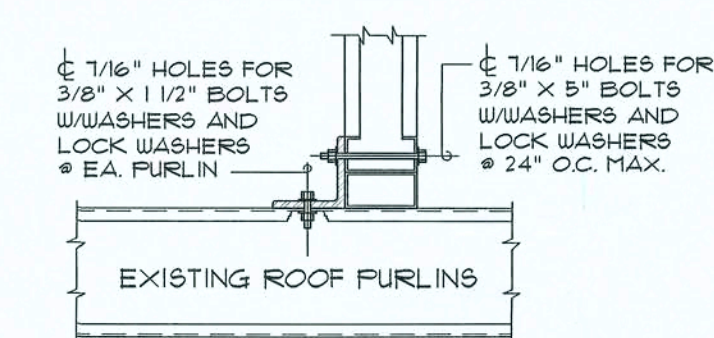
NOTE:  
DORMERS SHALL BE CONSTRUCTED OF 3.625 X 1.125 X 20 GA  
"CLARK DIETRICK" PRO STUD FRAMING SYSTEM  
OR APPROVED EQUAL



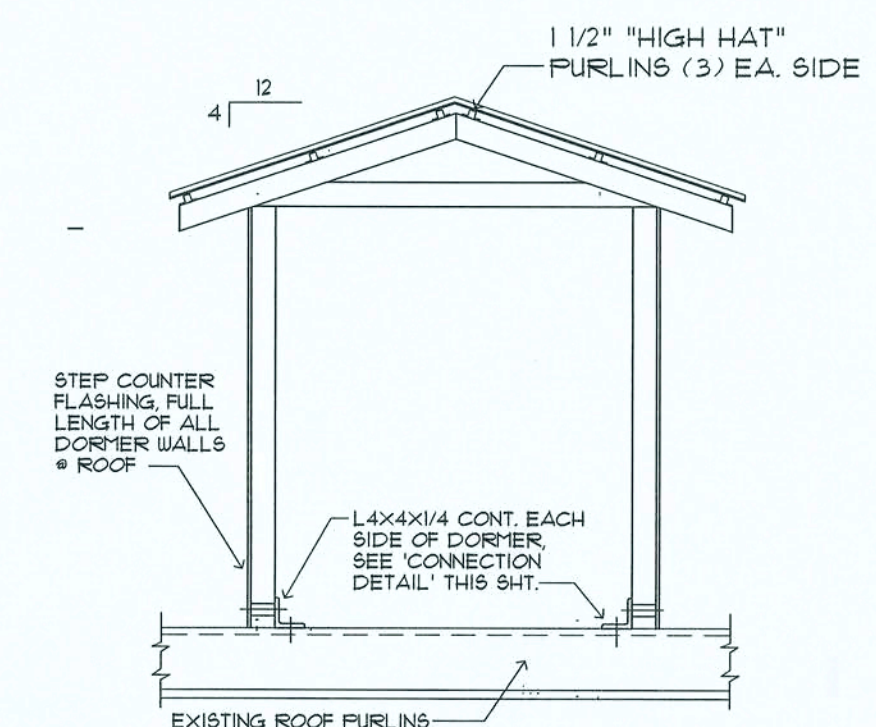
FRAMING PLAN



SIDE VIEW



CONNECTION DETAIL



FRONT VIEW

## Dormer Framing DETAILS

SCALE: NONE DORMER FRAMING DETAILS ARE GENERAL IN NATURE AND ARE NOT TO SCALE.

17

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Roof Framing Plan

DAVID J. ROYAL  
ARCHITECTURAL DESIGNER  
LAKE CITY, FLORIDA - 354-337-4670



NICHOLAS  
GEISLER  
ARCHITECT  
N.C.A.A.E. Certified

DATE:

17 JUL 2019

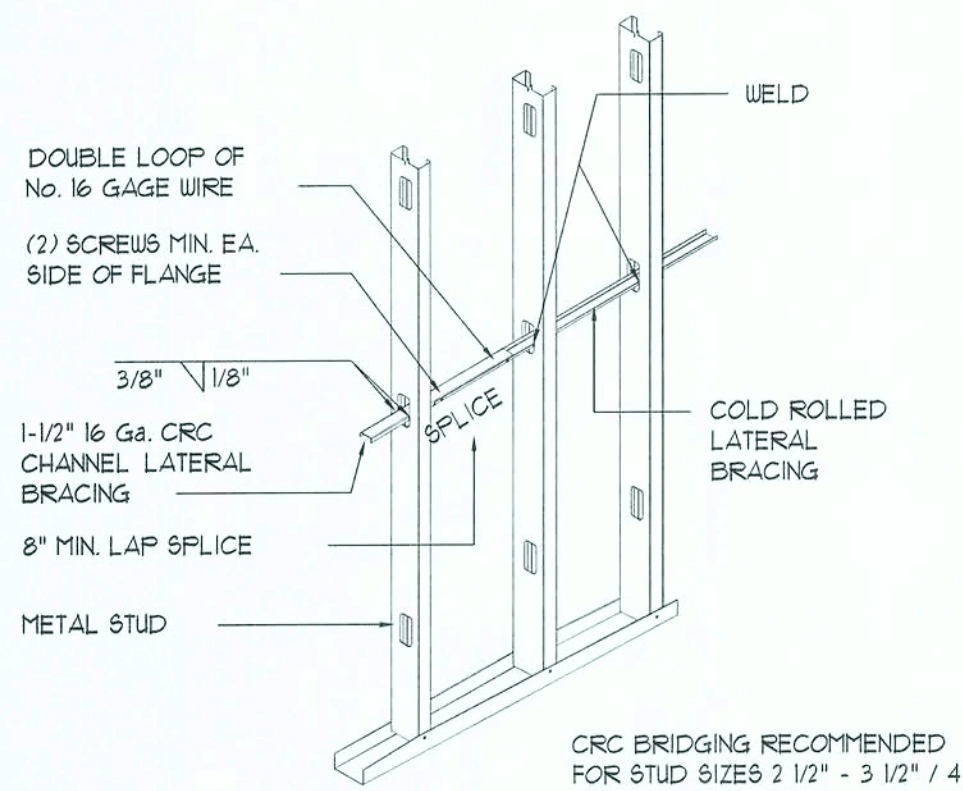
SHEET:

32

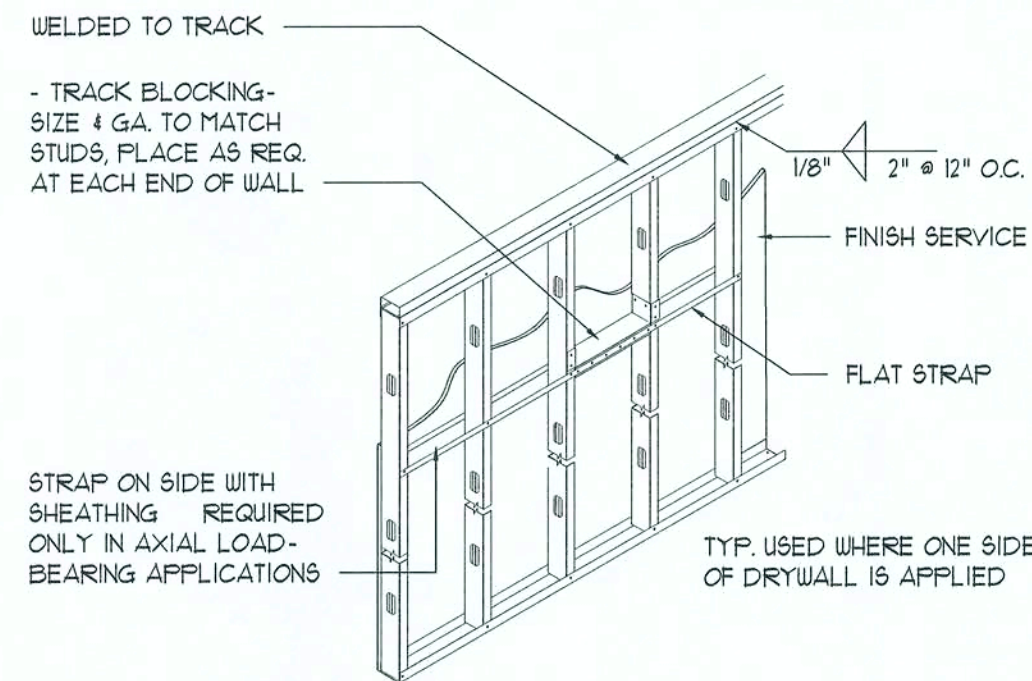
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17 JUL 2019  
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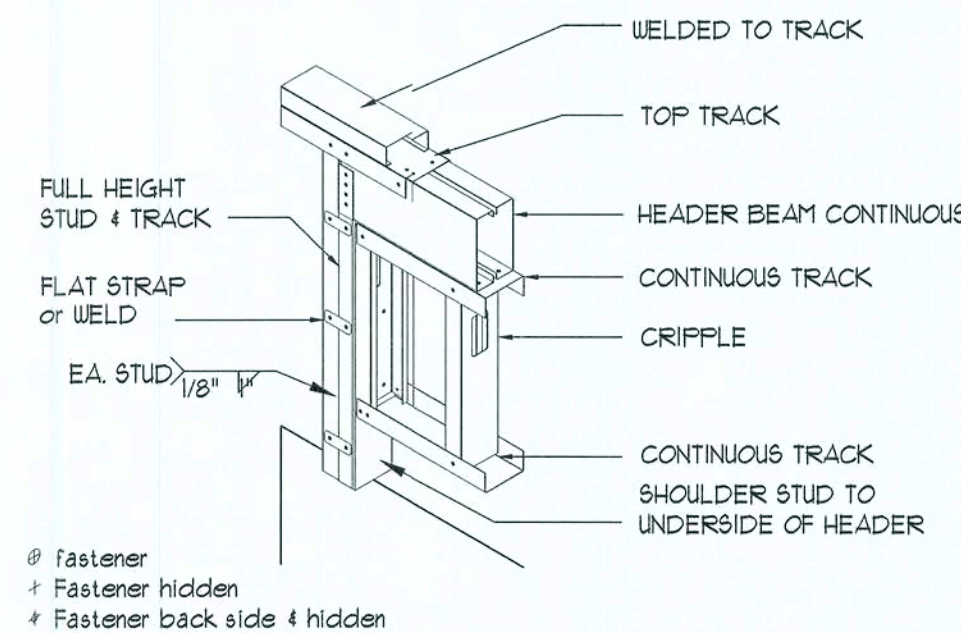




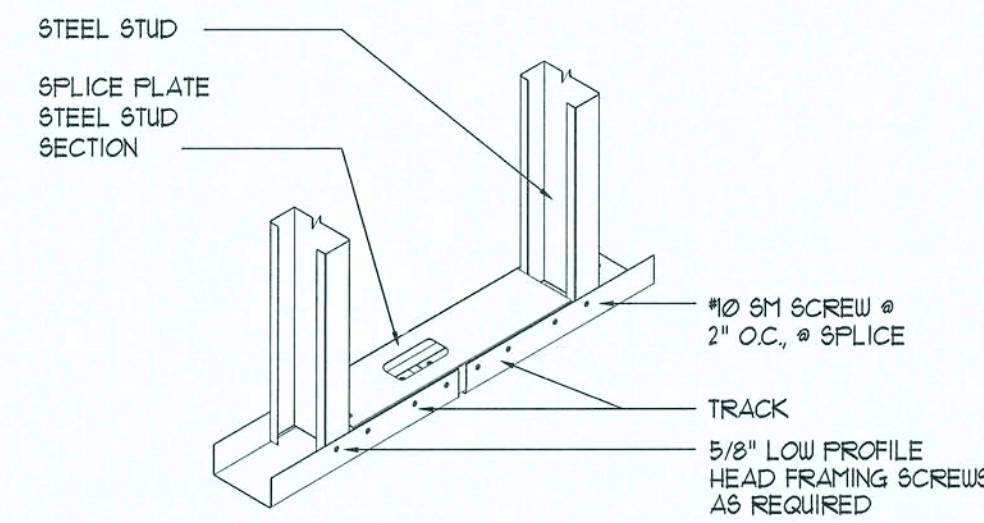
WELDED CRC BRIDGING



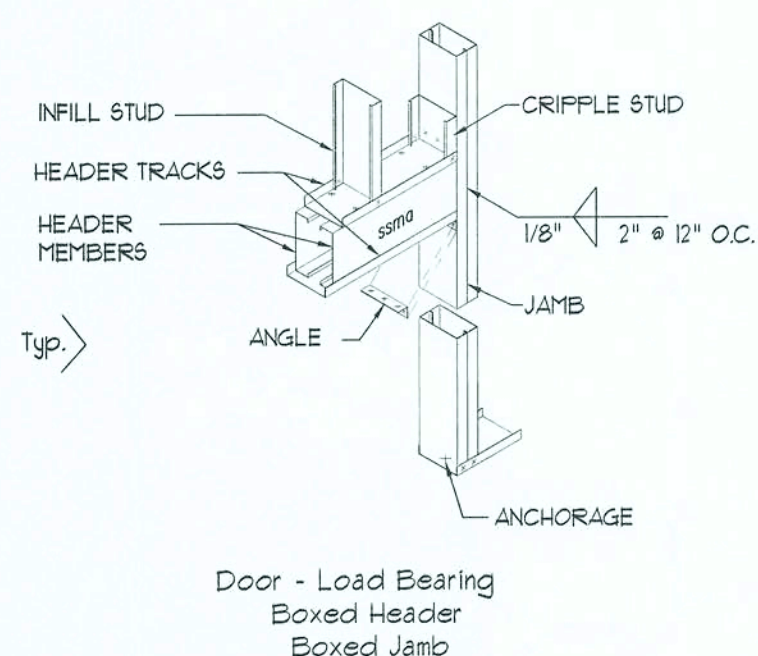
FLAT STRAP LATERAL BRACING



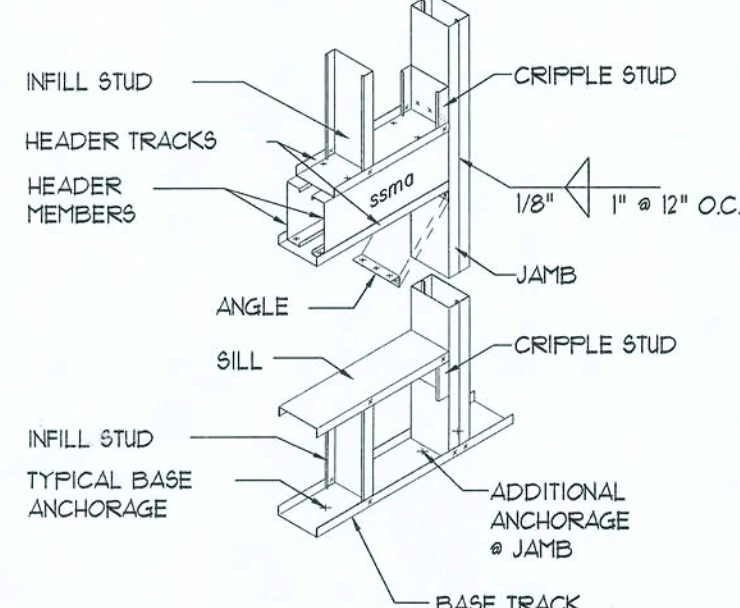
HEADER TO JAMB STUD DETAIL



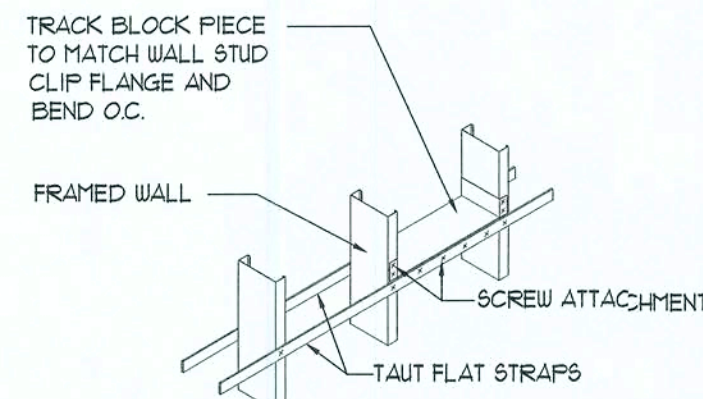
TRACK SPLICE



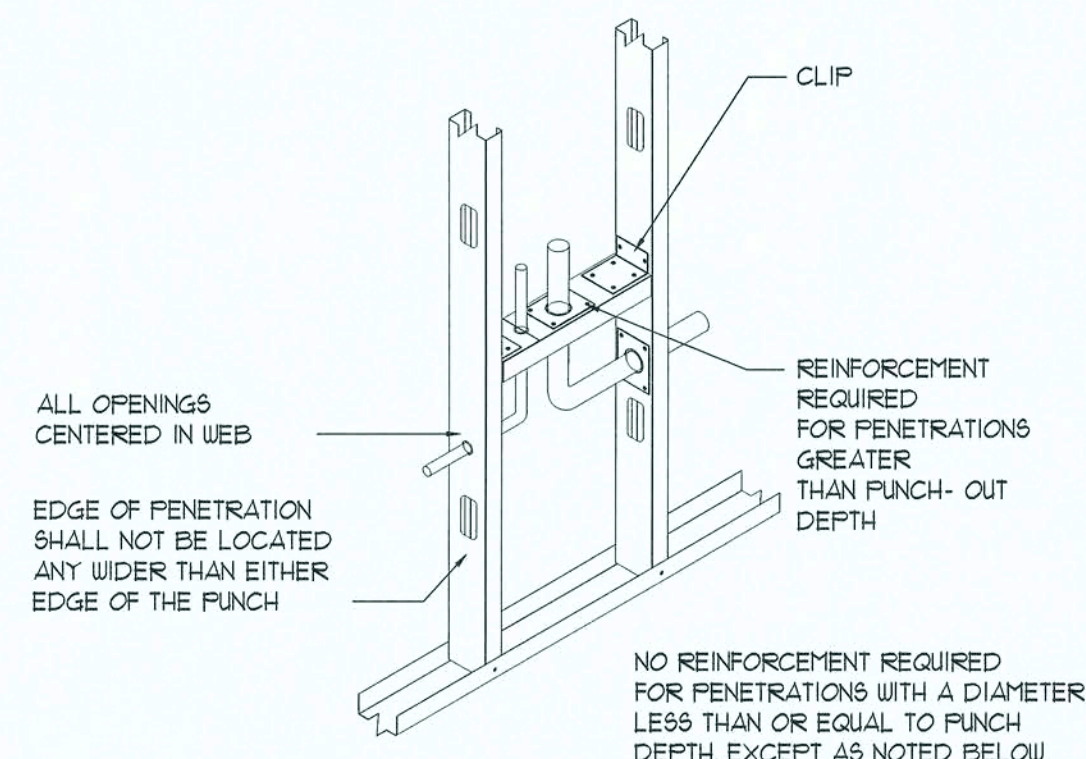
DOOR - LOAD BEARING  
BOXED HEADER - BOXED JAMB



WINDOW - LOAD BEARING  
BOXED HEADER - BOXED JAMB

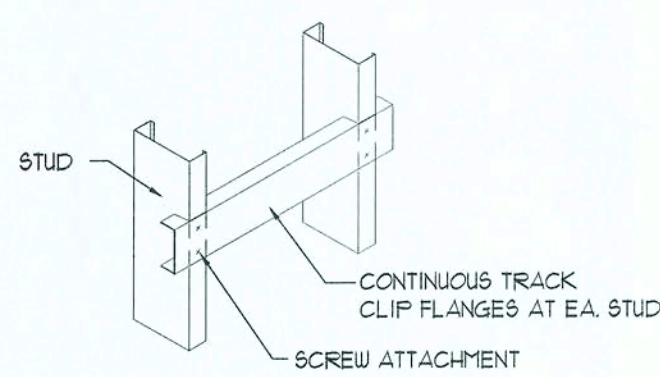


BRIDGING - DOUBLE  
FLAT STRAP W/BLOCKING

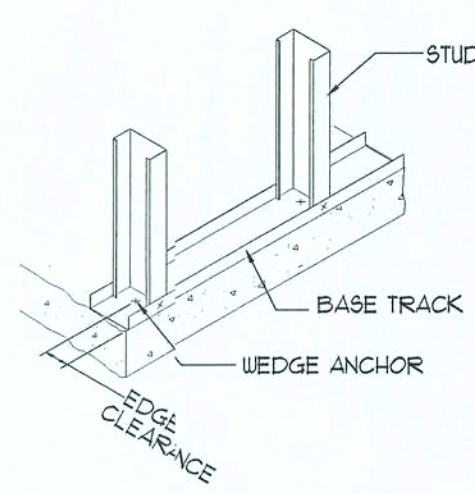


NOTES:  
1. FLANGES SHALL NOT BE NOTCHED OR CUT.  
2. CAPACITY VERIFICATION BY DESIGN IS REQ. FOR ANY OPENINGS LOCATED AT CONCENTRATED LOADS AND BEARING ENDS.  
3. APPLICABLE TO TRACK, STUDS, JOISTS & RAFTERS

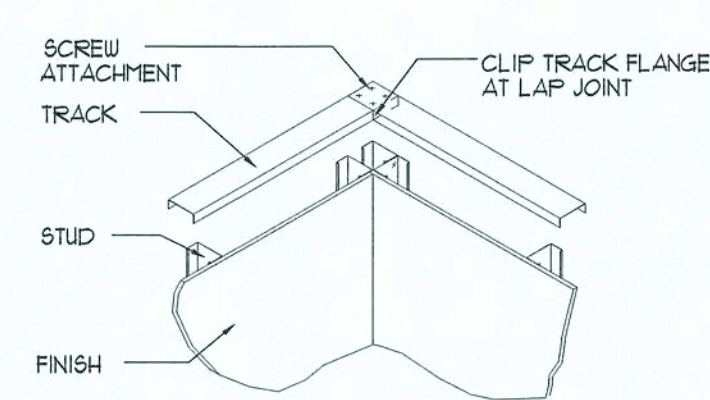
STUD WEB PENETRATIONS



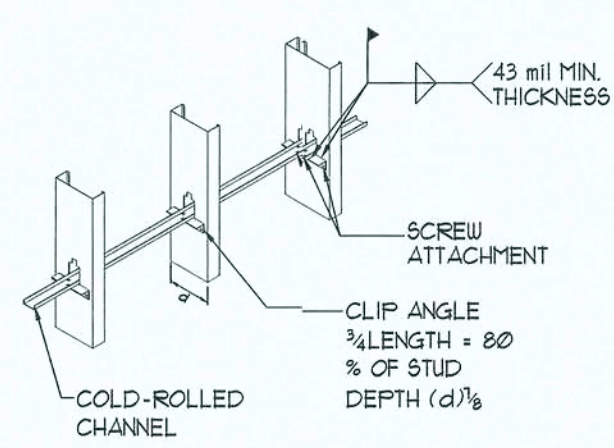
BACKING - CLIPPED TRACK  
HYV. LOADED BACKING  
(GRAB BARS, HANDRAILS,  
WALL HUNG CABINETS)



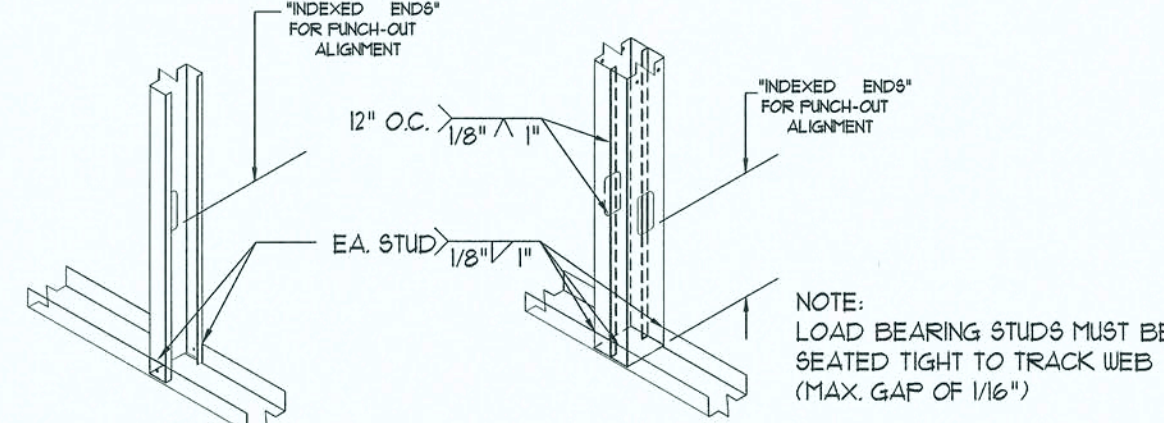
BOTTOM TRACK  
WEDGE ANCHOR



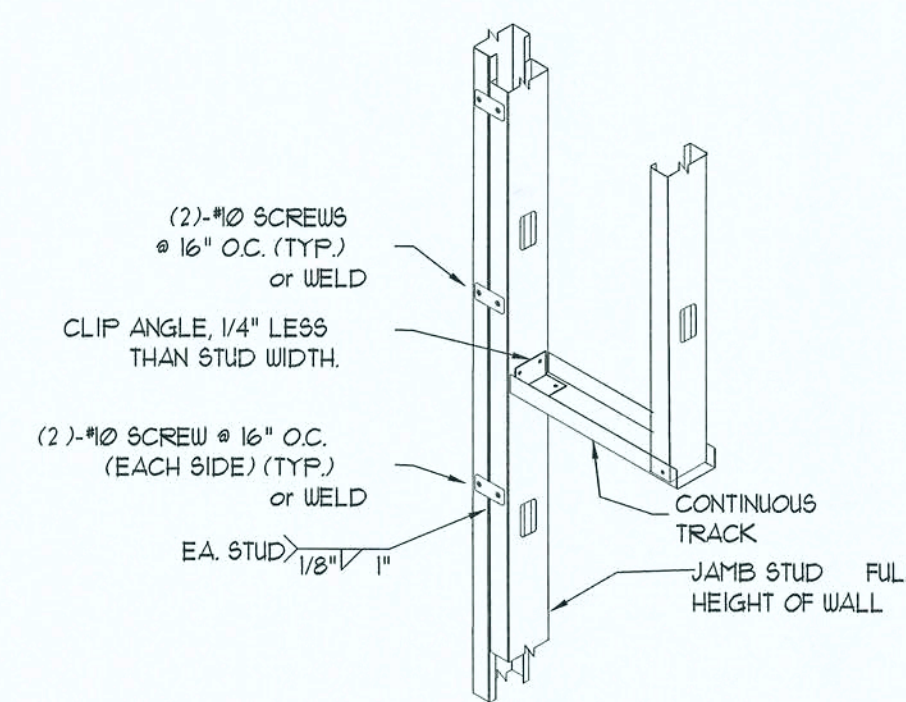
CORNER TRACK  
LAP CONNECTION



BRIDGING COLD-ROLLED  
CHANNEL W/CLIP ANGLE



TYPICAL STUD TO TRACK CONNECTIONS



JAMB STUD DETAIL

NOTES - COLD-FORMED STEEL FRAMING

- STEEL FRAMING SHALL BE 3/625 X 125 X 20 GA. 'CLARK DIETRICK' PRO STUD FRAMING SYSTEM OR APPROVED EQUAL.
- STEEL FRAMING SHALL CONFORM TO THE A.I.S.I. 'SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS'.
- WELDED CONNECTIONS SHALL CONFORM TO 'CODE FOR WELDING IN BUILDING CONSTRUCTION, AISC D1.3'.
- ASTM A568 STANDARD SPECIFICATION FOR GENERAL REQUIREMENTS FOR STEEL, CARBON AND HIGH STRENGTH LOW ALLOY HOT ROLLED SHEET AND COLD ROLLED SHEET.
- ALL STEEL FRAMING SHALL BE INSTALLED BY PERSONNEL EXPERIENCED IN LIGHT GAUGE STEEL FRAMING INSTALLATION.
- WHERE STEEL FRAMING MEMBERS ARE COMPONENTS OF ASSEMBLIES INDICATED FOR A FIRE RESISTANCE RATING, INCLUDING THOSE REQUIRED FOR COMPLIANCE WITH GOVERNING REGULATIONS, PROVIDE MEMBERS WHICH HAVE BEEN APPROVED BY GOVERNING AUTHORITIES HAVING JURISDICTION.
- PROTECT LIGHT GAUGE STEEL FRAMING MEMBERS FROM RUSTING AND DAMAGE. DELIVER TO PROTECT SITE IN BUNDLES, FULLY IDENTIFIED WITH NAME, BRAND, TYPE AND GRADE. STORE OFF GROUND IN A DRY VENTILATED SPACE OR PROTECT WITH SUITABLE WATERPROOF COVERINGS.
- WITH EACH TYPE OF STEEL FRAMING REQUIRED, PROVIDE MANUFACTURER'S STANDARD STEEL RUNNERS (TRACKS), BLOCKING, LINTELS, CLIP ANGLES, BRACING, REINFORCEMENTS, FASTENERS, AND ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED, AS NEEDED TO PROVIDE A COMPLETE STEEL FRAMING SYSTEM.
- FABRICATE METAL FRAMING COMPONENTS OF STRUCTURAL QUALITY SHEET STEEL WITH A MINIMUM YIELD POINT OF 50,000 PSI FOR STUDS, AND 33,000 PSI FOR RUNNERS, ASTM A653.
- PROVIDE GALVANIZED FINISH TO METAL FRAMING COMPONENTS COMPLYING WITH ASTM A525 WITH A G60 COATING.
- PROVIDE MANUFACTURER'S STANDARD STRUCTURAL 'CEE' SHAPED STEEL STUDS OF SIZE, SHAPE, AND GAUGE INDICATED, WITH A NOMINAL 1 1/8\"/>

Cold Formed Metal Stud DETAILS

SCALE: NONE

NOTE!  
ALL METAL STUDS IN AXIAL LOAD APPLICATIONS SHALL BE C9J3-2009162 MINIMUM, W/ MATCHING TRACK

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 47184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Metal Framing Details

DAVID J. ROYAL  
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DATE:

17JULY2019

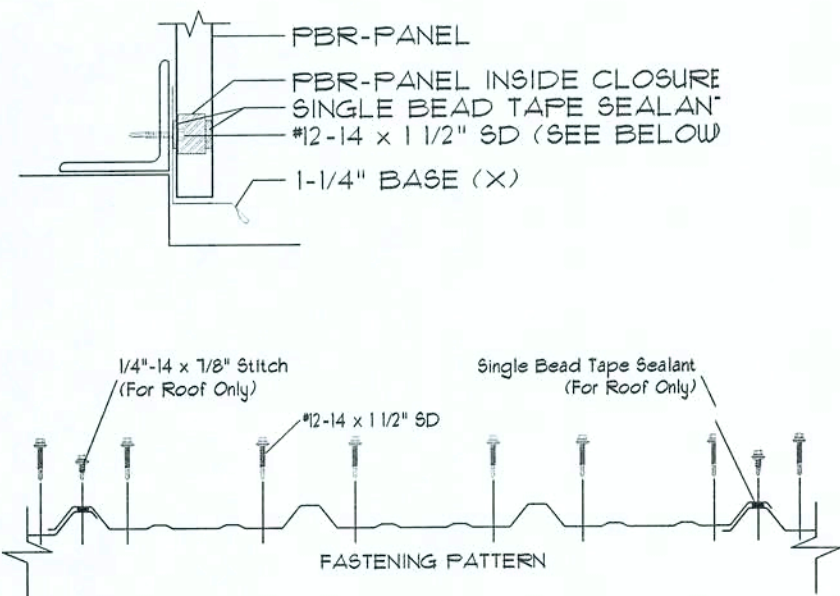
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3.3

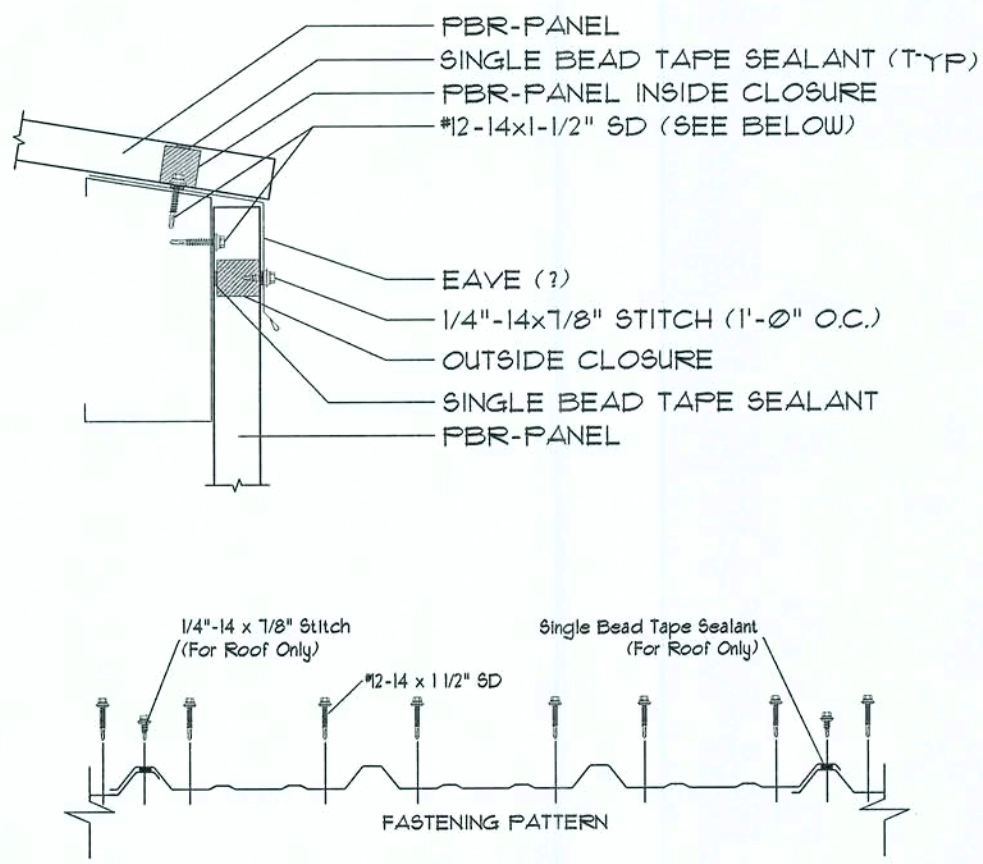
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17JULY2019  
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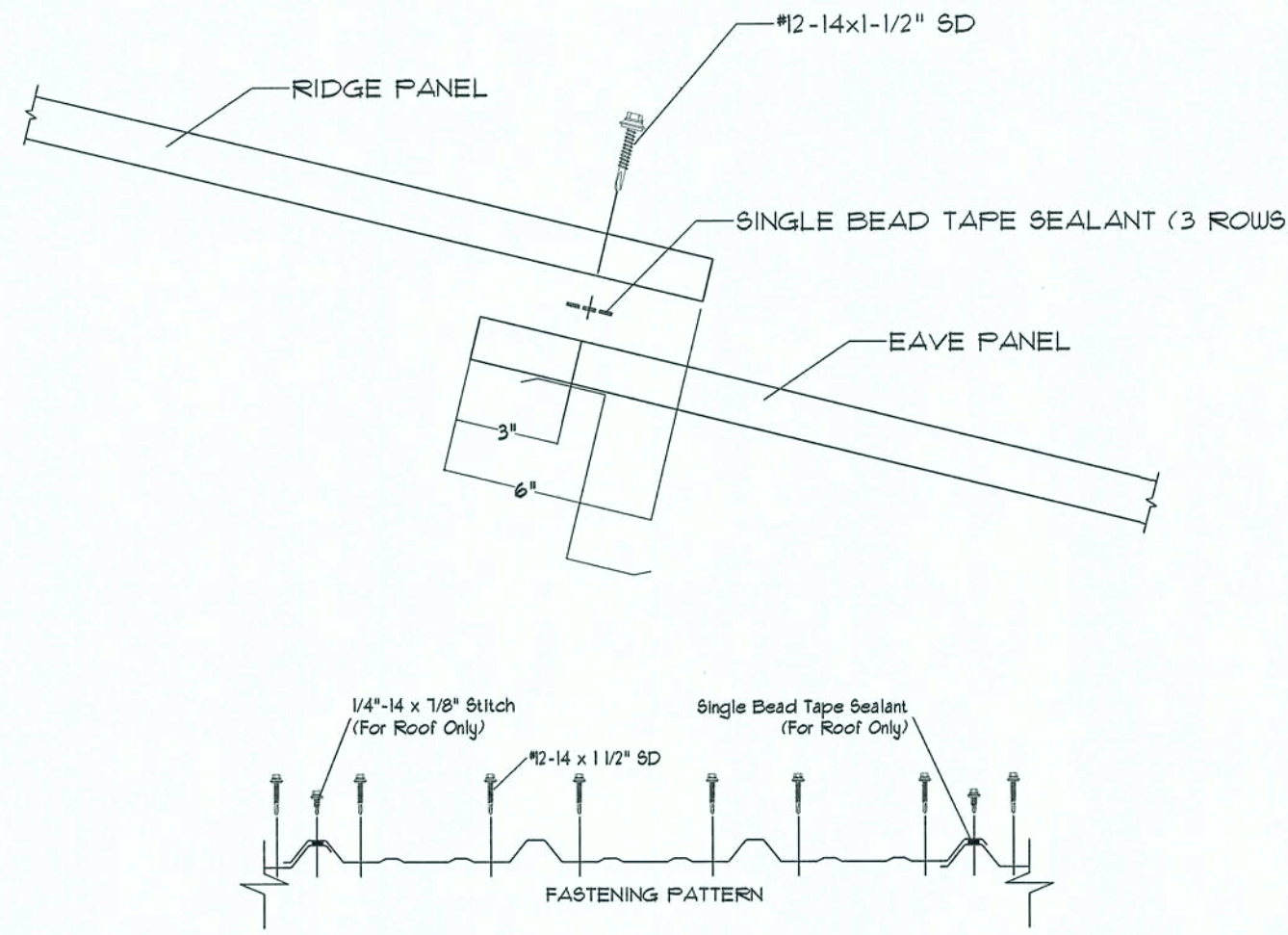




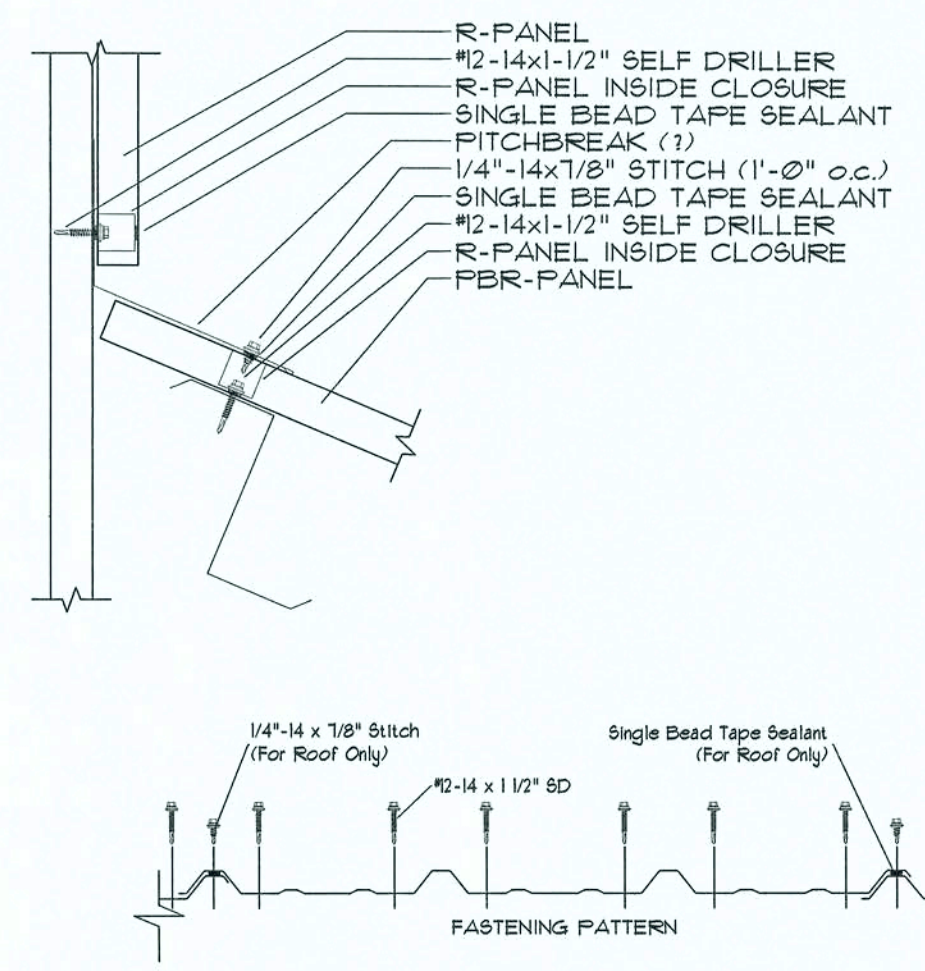
BASE DETAIL  
SCALE N.T.S. A



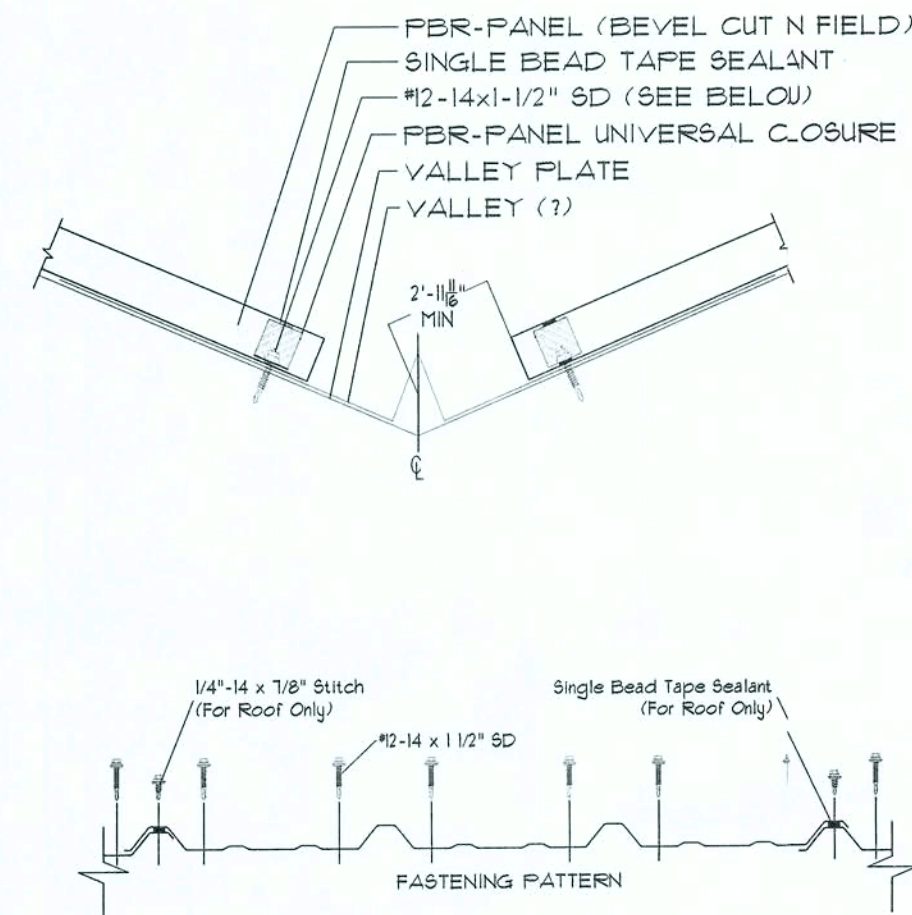
EAVE DETAIL  
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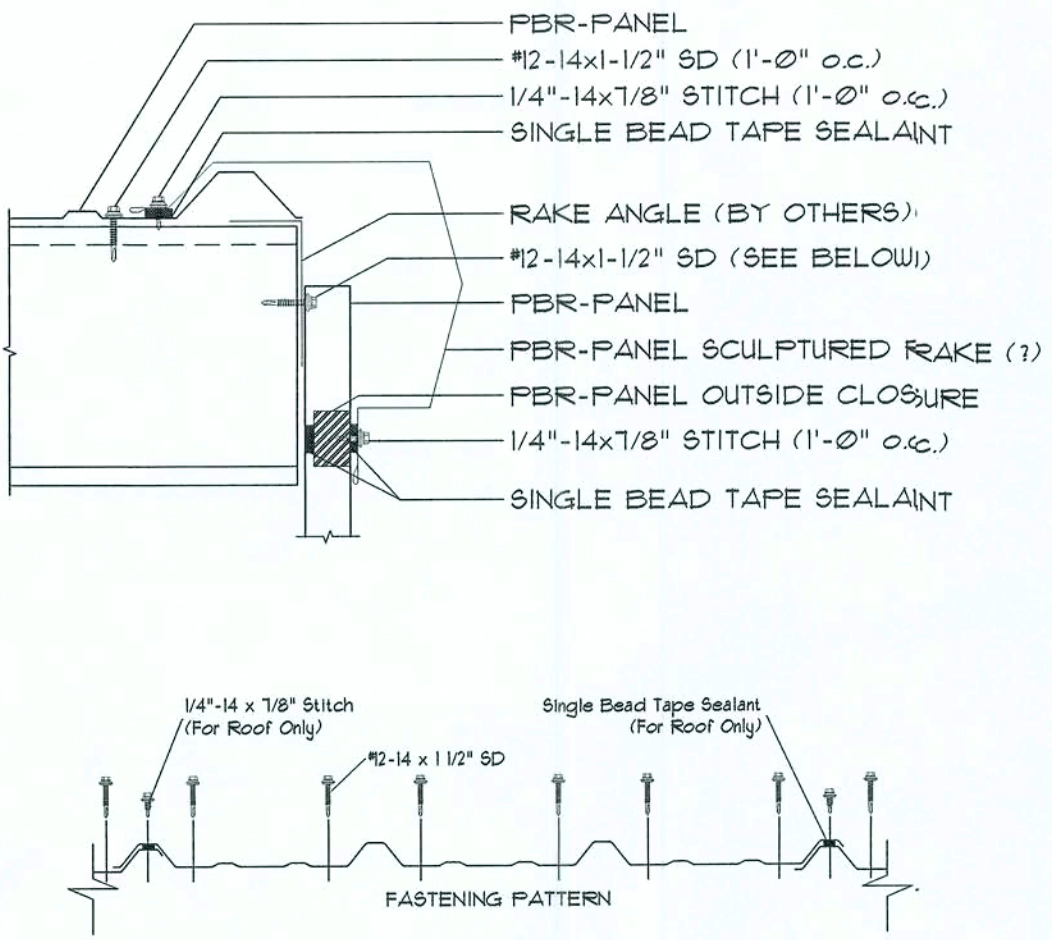
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SCALE N.T.S. A



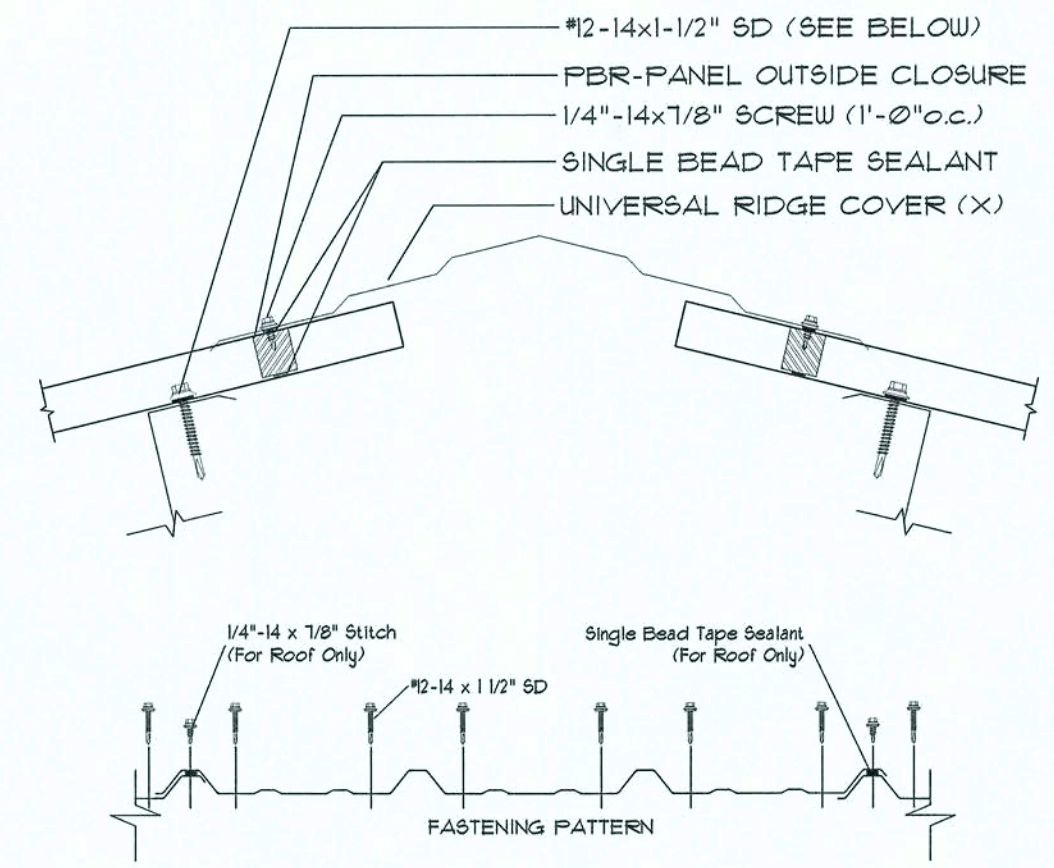
END WALL DETAIL  
SCALE N.T.S. A



VALLEY DETAIL  
SCALE N.T.S. A



RAKE DETAIL  
SCALE N.T.S. A



RIDGE DETAIL  
SCALE N.T.S. A

Metal Roofing DETAILS  
SCALE: NONE

REVISION:

DRAWN:  
DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
Metal Roof Details

DAVID J. ROYAL  
ARCHITECTURAL DESIGNER  
Lake City, Florida - 386-797-4619

NICHOLAS  
GEISLER  
ARCHITECTURAL  
CONSTRUCTION  
1155 NW Brown Road  
Maitland, FL 32751  
407-885-1555

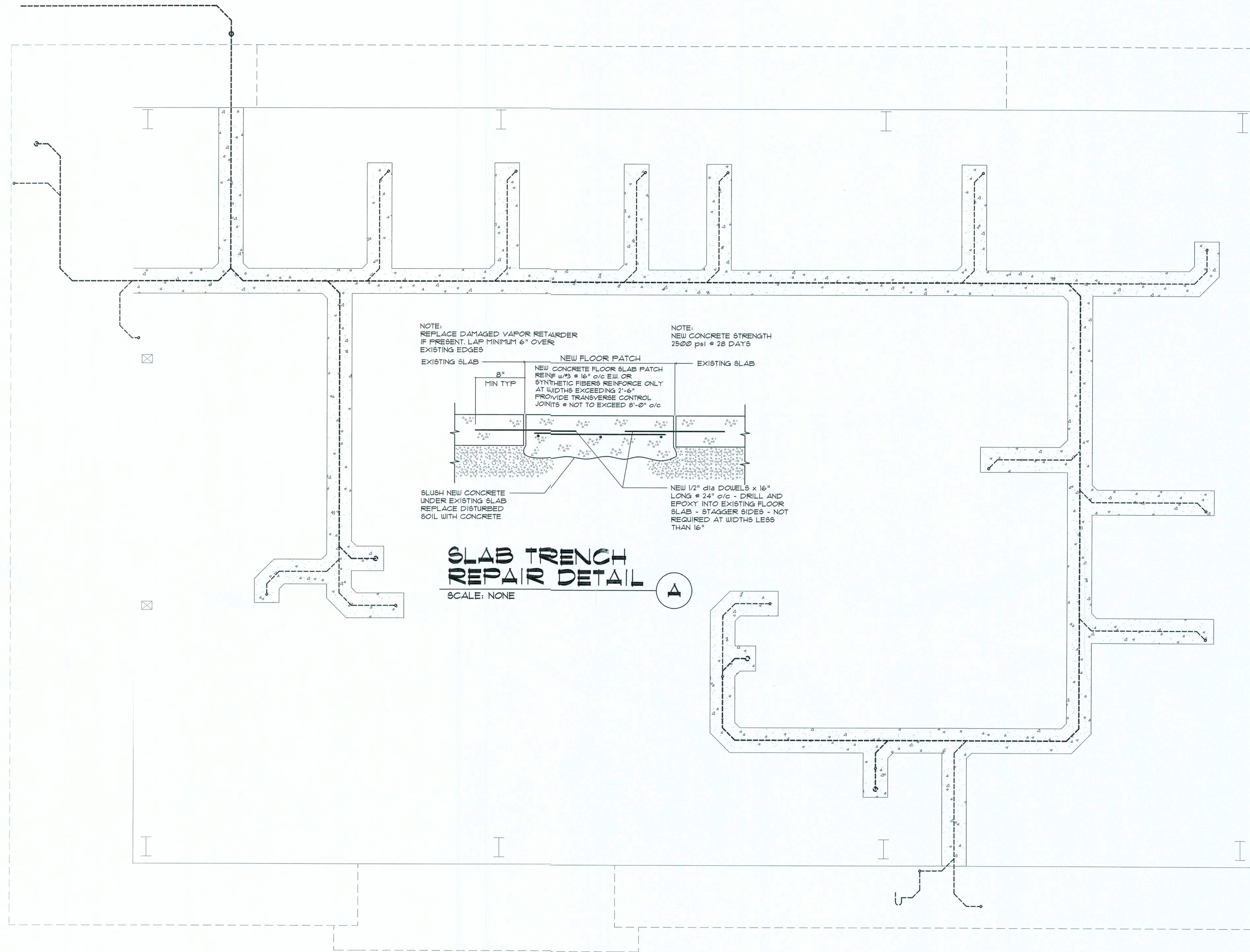
DATE:  
17 JULY 2019

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S.4  
4 OF 4

17 July 2019  
AR0007005



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

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**PLUMBING TRENCHING PLAN**

**DAVID J. ROYAL**  
ARCHITECTURAL DESIGNER  
Lake City, Florida - 386-792-4670

**NICHOLAS**  
GENERAL  
ARCHITECT  
N.C.A.A. LICENSED  
17258 NW Brown Rd.  
Lake City, FL 32055  
386-529-4352

DATE:  
27 JUN 2019

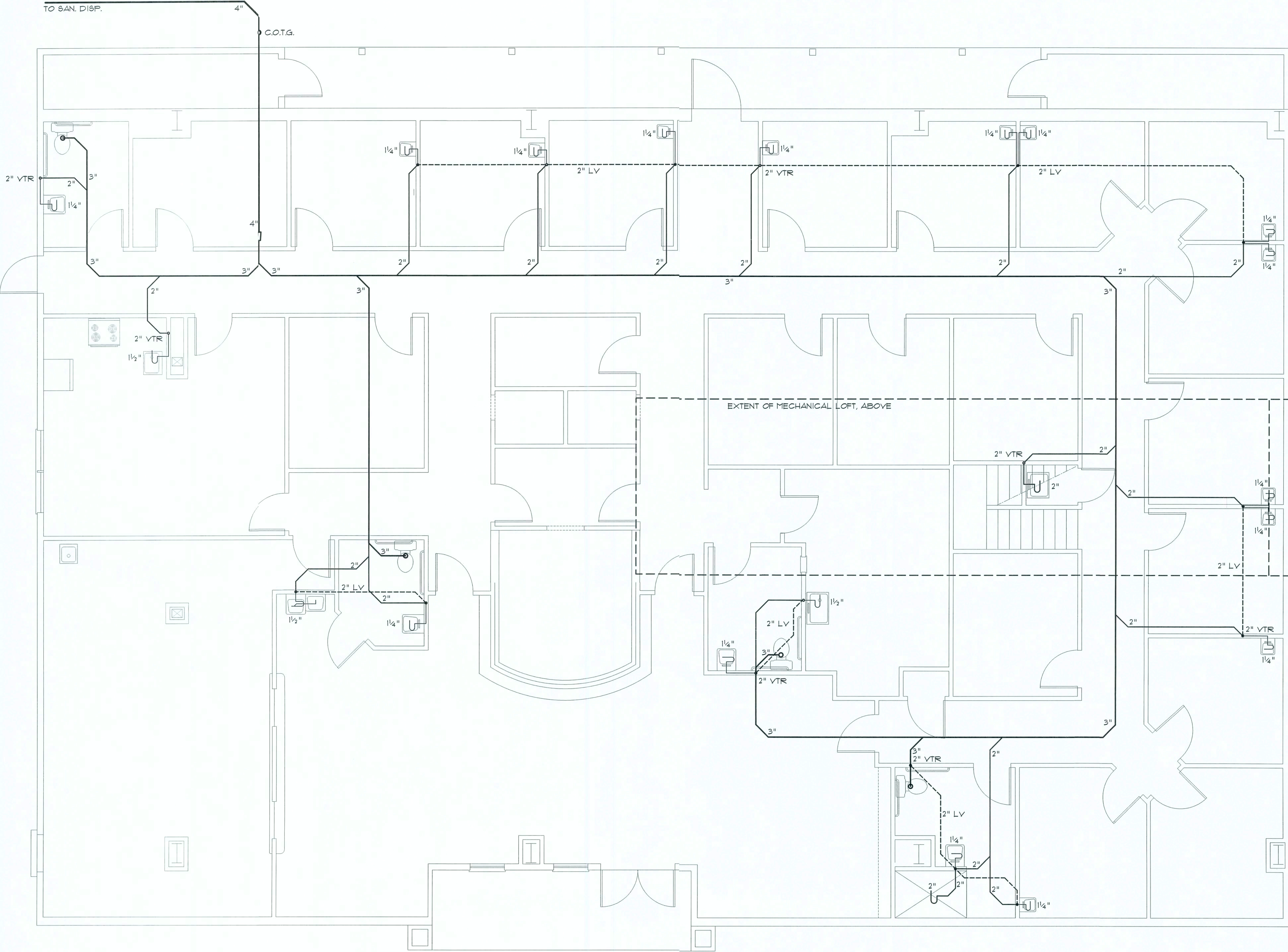
SHEET:  
P.1  
1 OF 4

*17 July 2019*  
AR0007005



TO SAN. DISP.

C.O.T.G.



PLUMBING NOMENCLATURE

1/4"	PIPING SIZE
1/2"	PIPING SIZE
2"	PIPING SIZE
3"	PIPING SIZE
4"	PIPING SIZE
1/2" LV	1/2" LOOP VENT
2" LV	2" LOOP VENT
2" VTR	2" VENT THRU ROOF
3" VTR	3" VENT THRU ROOF
C.O.T.G.	CLEAN-OUT TO GRADE
C.O.	CLEAN-OUT
W.C.O.	WALL CLEAN-OUT
F.C.O.	FLOOR CLEAN-OUT
LAV.	LAVATORY
W.C.	WATER CLOSET (TOILET)
BID.	BIDET
URIN.	URINAL
TUB	BATH TUB
SHOW.	SHOWER
SINK	SINGLE BASIN SINK
DBL.SINK	DOUBLE BASIN SINK
TRI.SINK	TRIPLE BASIN SINK
BAR	BAR SINK
DWASH.	DISHWASHER
2" F.D.	2" FLOOR DRAIN
3" F.D.	3" FLOOR DRAIN
3" F.S.	3" FLOOR SINK
EW.C	ELECTRIC WATER COOLER
EW.H	ELECTRIC WATER HEATER
GW.H	GAS WATER HEATER
TRAY	LAUNDRY TRAY (SINK)
WASH.	WASHING MACHINE
H.B.	HOSE BIBB
TO SAN. DISP.	TO SANITARY DISPOSAL

PLUMBING PLAN

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

NOTE:  
PROVIDE PLUMBING CLEAN-OUTS AT THE BASE OF ALL STACKS, A MAXIMUM OF 15' O.C. ALONG ALL MAIN DRAIN RUNS AND THE UP-STREAM ENDS OF MAIN DRAIN RUNS, WHERE THE MAIN BUILDING DRAIN EXITS THE BUILDING AND AT 15' INTERVALS TO THE DISPOSAL SITE.

NOTE:  
PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS - PRIME EACH F.D. INDIVIDUALLY, DO NOT MANIFOLD

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W. Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**PLUMBING WASTE PLAN**

DAVID J. ROYAL  
ARCHITECTURAL DESIGNER  
Lake City, Florida - 386-752-4070

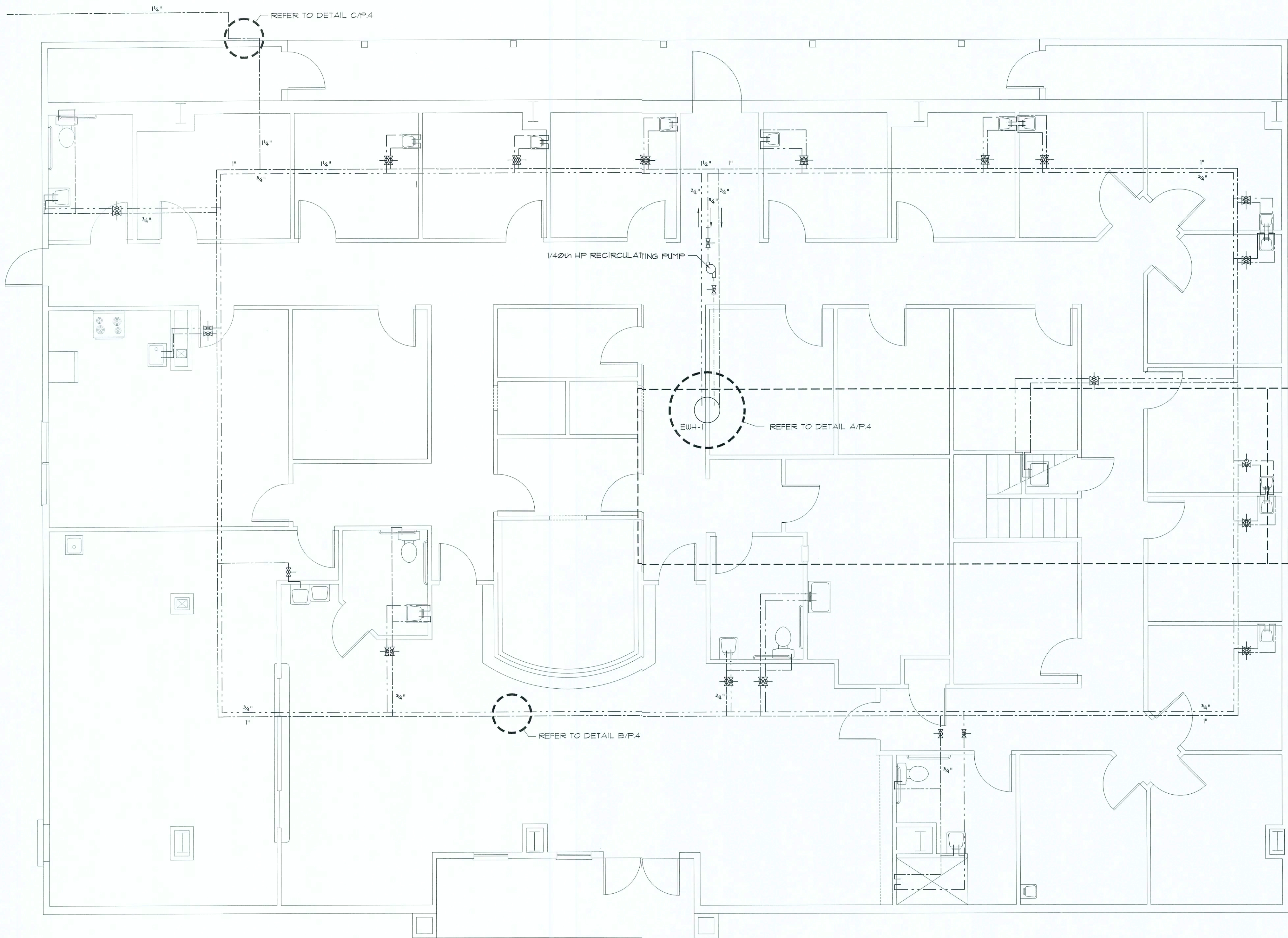
**NICHOLAS PAUL GEISLER**  
ARCHITECT  
N.C.A.R.B. Certified

DATE:  
27 JUN 2019

SHEET:  
P.2  
2 OF 4

*12 July 2019*  
AR0007005





PLUMBING NOMENCLATURE	
1/2"	PIPING SIZE
3/4"	PIPING SIZE
1"	PIPING SIZE
1 1/4"	PIPING SIZE
1 1/2"	PIPING SIZE
LAV.	LAVATORY
W.C.	WATER CLOSET (TOILET)
BID.	BIDET
URIN.	URINAL
TUB	BATH TUB
SHOW.	SHOWER
SINK	SINGLE BASIN SINK
DBL.SINK	DOUBLE BASIN SINK
TRI.SINK	TRIPLE BASIN SINK
BAR	BAR SINK
DWASH.	DISHWASHER
2" F.D.	2" FLOOR DRAIN
3" F.D.	3" FLOOR DRAIN
3" F.S.	3" FLOOR SINK
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
GUH	GAS WATER HEATER
TRAY	LAUNDRY TRAY (SINK)
WASH.	WASHING MACHINE
H.B.	HOSE BIBB

WATER DISTRABUTION PLAN

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

NOTE!  
DEDUCTIVE ALTERNATE: IT IS PERMISSIBLE TO INSTALL CPVC  
WATER DISTRABUTION PIPING IN LIEU OF COPPER TUBING.

SYMBOLS/ PIPING LEGEND

-----	COLD WATER PIPING	--- ---	BALL VALVE
-----	DOMESTIC HOT WATER PIPING	--- ---	GATE VALVE
-----	HOT WATER RETURN PIPING	--- ---	RISE OR DROP
-----	P/T RELIEF VENT PIPING	--- ---	UNION
---(P)---	1/40th HP RECIRCULATING PUMP	---(P)---	P/T RELIEF VALVE

NOTE!  
ALL UNSPECIFIED PIPING SIZES SHALL BE NOT LESS THAN 1/2"  
ALL HOT WATER PIPING SHALL BE INSULATED , MIN. 5/8" THICK  
INCLUDING RETURN LINES

REVISION

DRAWN  
DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**WATER DISTRABUTION PLAN**

DAVID J. ROYAL  
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PAUL  
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ARCHITECT  
N.C.A.R.B. Certified  
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LAKE CITY, FL 32005  
386-365-4355

DATE:  
21 JUN 2019

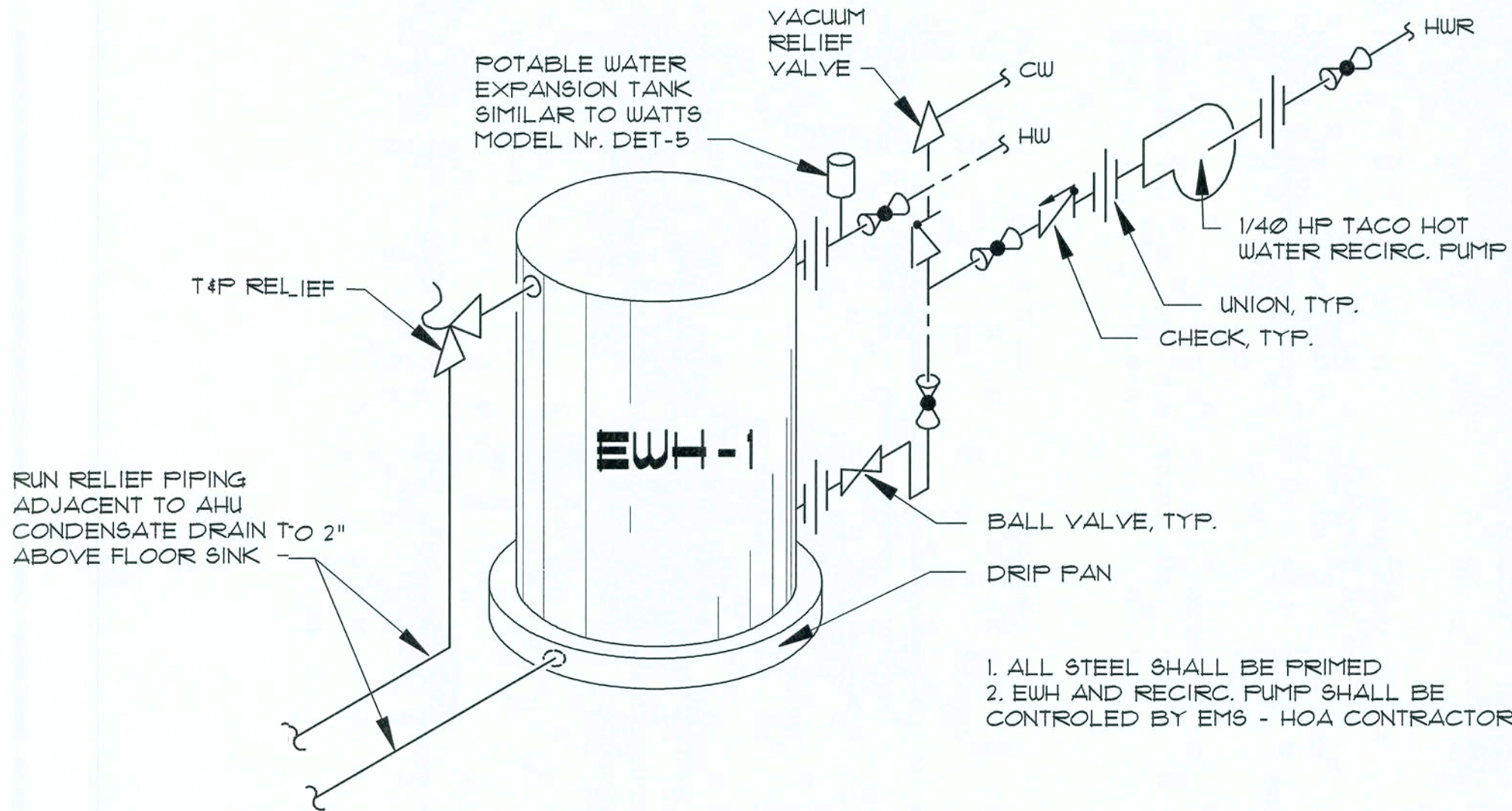
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P.3  
3 OF 4

AR0007005

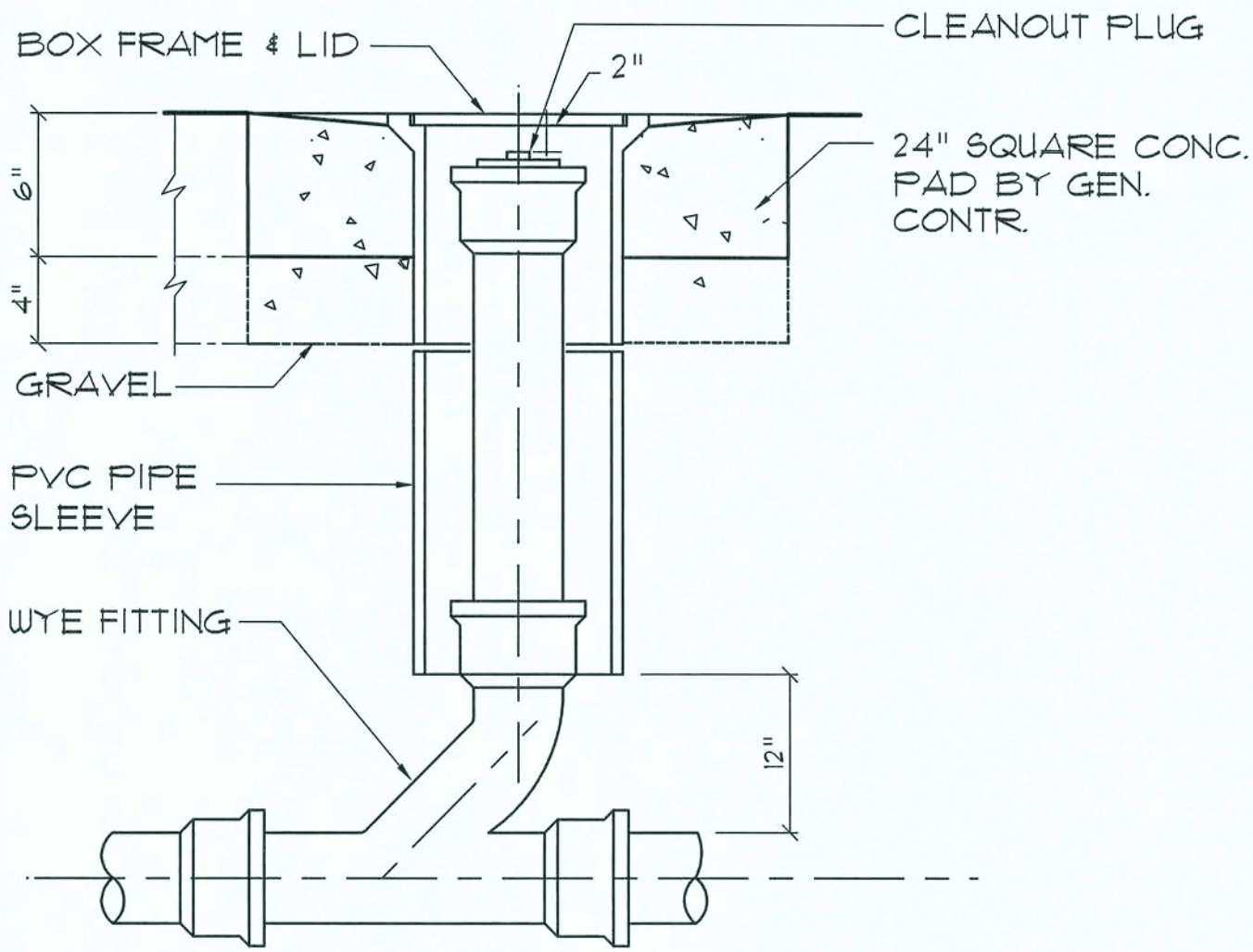


FIELD "AS-BUILT" NOTES

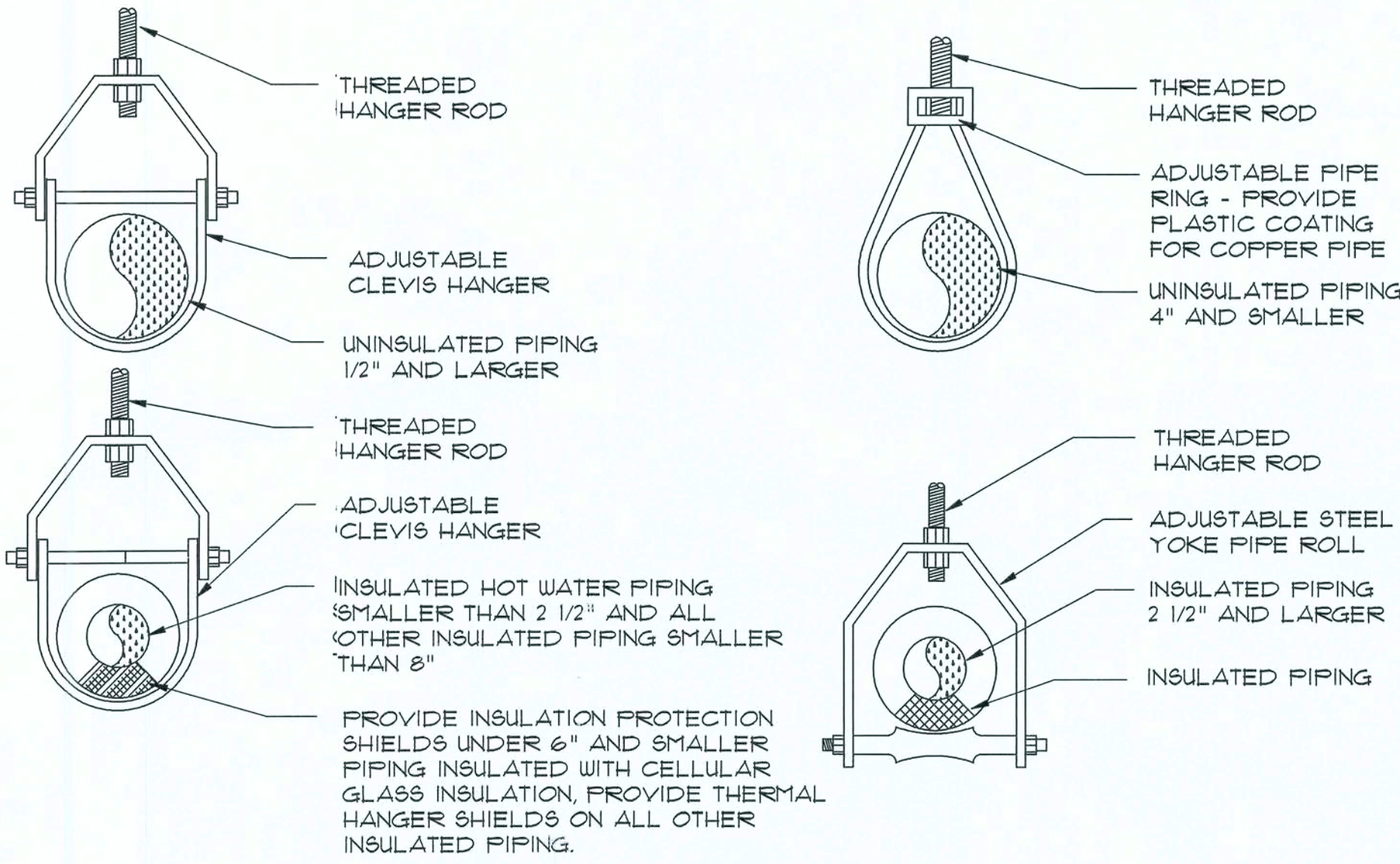
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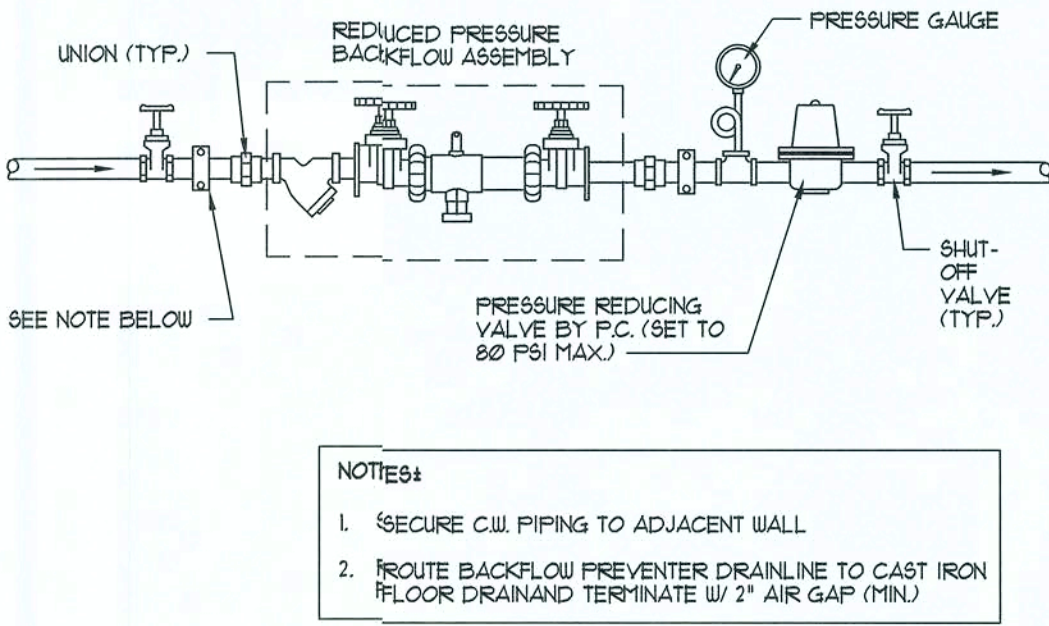
WATER HTR W/ RECIRC. PUMP DETAIL A  
NOT TO SCALE



Outdoor Cleanout DETAIL D  
N.T.S.



PIPING HANGER DETAILS B  
NOT TO SCALE



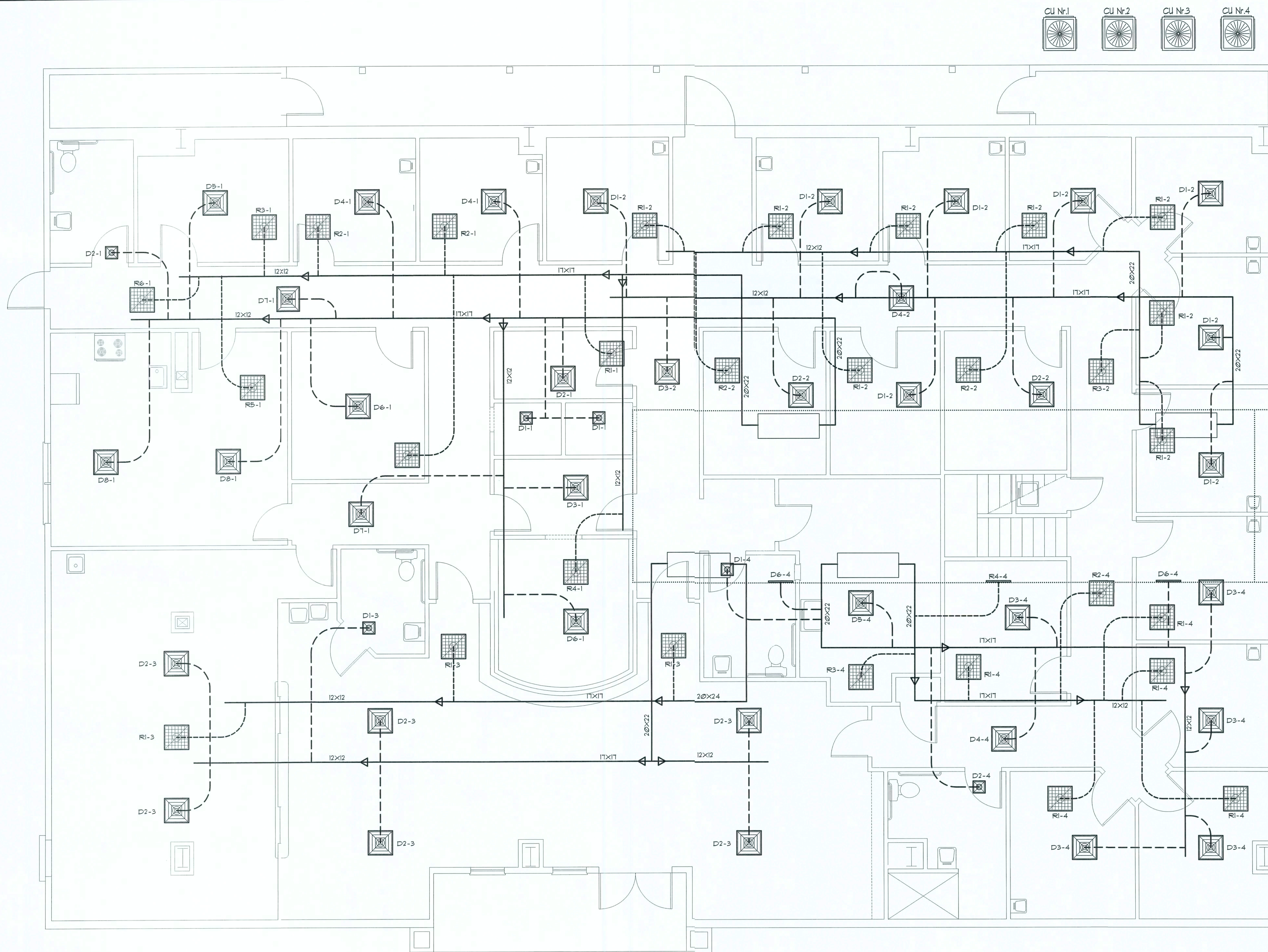
BACKFLOW PREVENTOR DETAIL C  
NOT TO SCALE

REVISION
DRAWN DJR
NEW BUILDING RENOVATION FOR: <b>PALMS MEDICAL GROUP</b> PRIMARY CARE OFFICE - 4784 W Hwy US 90 LAKE CITY, COLUMBIA COUNTY, FLORIDA PLUMBING DETAILS
DAVID J. ROYAL ARCHITECTURAL DESIGNER Lake City, Florida - 386-752-4670
<b>NG</b> NICHOLAS PAUL GESLER ARCHITECT N.C.A.R.B. Certified 1766 NW Brown Rd. Lake City, FL 32005 386-365-4365
DATE 27 JUN 2019
SHEET: P.4 4 OF 4

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## H.V.A.C. PLAN

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

NOTE!  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!  
MOUNT CU & AHU ON 4" THK. CONC. PAD, SIZED TO EXTEND 4" BEYOND EQUIPMENT, ALL AROUND, SECURE EQUIPMENT W/ STL. STRAPS & TEC SCREWS @ EACH CORNER.  
REINF. SLAB W/ 6x6 10/10 W/M.

NOTE!  
PROVIDE TURNING VANES @ DUCT TURNS & ADJ. EXTRACTORS @ ALL BRANCH DUCT TAPS

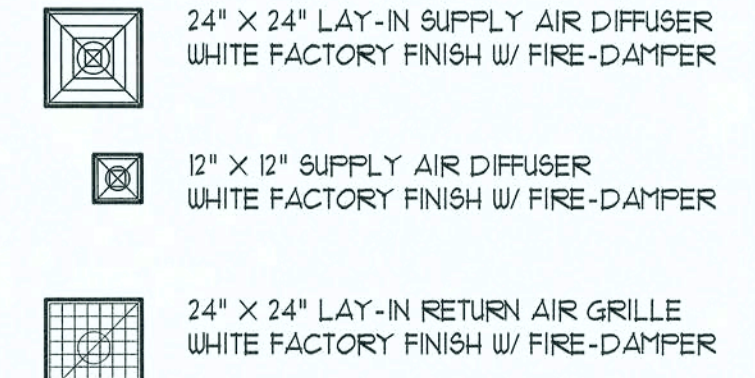
BT F/A - EXHAUST  
EXH 350 CFM TO EXTERIOR  
F/A: PROVIDE 350 CFM FROM A POINT 10' DISTANT FROM EXH.

NOTE!  
DUCTWORK LAYOUT IS SUGGESTED AND IS SUBJECT TO CHANGE DUE TO CONFLICTS W/ OTHER TRADES AND OR JOB CONDITIONS - AC CONTRACTOR SHALL SUBMIT REVISED DUCTWORK DWGS FOR APPROVAL PRIOR TO ORDERING AND/OR FABRICATING ANY MATERIALS.

NOTE!  
ALL THERMOSTATS SHALL BE PROGRAMMABLE UNITS W/ PROVISIONS FOR HUMIDITY CONTROL WHILE SPACE IS UN-OCCUPIED

NOTE!  
ALL 5 TON SYSTEMS SHALL BE EQUIPPED WITH TWO SPEED COMPRESSORS AND TWO SPEED FAN MOTORS, W/ 4 MODES OF OPERATION: H/H, H/L, L/L, L/H ALL CONTROLLED VIA THE PROGRAMMABLE THERMOSTATS

## H.V.A.C. SYMBOLS



### DIFFUSER SCHEDULE Nr. 1 - 2000 CFM

MARK	CFM	SIZE	STYLE	PATN	FLEX	LOCATION
D1-1	40 CFM	8x8	S/A	2W	5"	CEILING
D2-1	80 CFM	10x10	S/A	2W	6"	CEILING
D3-1	90 CFM	24x24	S/A	1W	6"	CEILING
D4-1	145 CFM	24x24	S/A	4W	8"	CEILING
D5-1	170 CFM	24x24	S/A	4W	8"	CEILING
D6-1	175 CFM	24x24	S/A	4W	8"	CEILING
D7-1	200 CFM	24x24	S/A	2W	8"	CEILING
D8-1	225 CFM	24x24	S/A	4W	10"	CEILING

### DIFFUSER SCHEDULE Nr. 2 - 2000 CFM

MARK	CFM	SIZE	STYLE	PATN	FLEX	LOCATION
D1-2	145 CFM	24x24	S/A	4W	6"	CEILING
D2-2	170 CFM	24x24	S/A	4W	8"	CEILING
D3-2	225 CFM	24x24	S/A	2W	8"	CEILING
D4-2	275 CFM	24x24	S/A	2W	10"	CEILING

### DIFFUSER SCHEDULE Nr. 3 - 2000 CFM

MARK	CFM	SIZE	STYLE	PATN	FLEX	LOCATION
D1-3	50 CFM	8x8	S/A	1W	5"	CEILING
D2-3	325 CFM	24x24	S/A	4W	10"	CEILING

### DIFFUSER SCHEDULE Nr. 4 - 2000 CFM

MARK	CFM	SIZE	STYLE	PATN	FLEX	LOCATION
D1-4	90 CFM	8x8	S/A	1W	5"	CEILING
D2-4	140 CFM	10x10	S/A	1W	6"	CEILING
D3-4	145 CFM	24x24	S/A	4W	6"	CEILING
D4-4	200 CFM	24x24	S/A	2W	8"	CEILING
D5-4	255 CFM	24x24	S/A	4W	10"	CEILING
D6-4	295 CFM	8x24	S/A	2W	10"	WALL

### GRILLE SCHEDULE Nr. 1

MARK	CFM	SIZE	STYLE	PATN	FLEX	LOCATION
R1-1	80 CFM	8x8	R/A	GRID	6"	CEILING
R2-1	145 CFM	24x24	R/A	GRID	8"	CEILING
R3-1	170 CFM	24x24	R/A	GRID	8"	CEILING
R4-1	265 CFM	24x24	R/A	GRID	10"	CEILING
R5-1	450 CFM	24x24	R/A	GRID	12"	CEILING
R6-1	480 CFM	24x24	R/A	GRID	12"	CEILING

### GRILLE SCHEDULE Nr. 2

MARK	CFM	SIZE	STYLE	PATN	FLEX	LOCATION
R1-2	145 CFM	24x24	R/A	GRID	8"	CEILING
R2-2	170 CFM	24x24	R/A	GRID	8"	CEILING
R3-2	500 CFM	24x24	R/A	GRID	12"	CEILING

### GRILLE SCHEDULE Nr. 3

MARK	CFM	SIZE	STYLE	PATN	FLEX	LOCATION
R1-3	650 CFM	24x24	R/A	GRID	12"	CEILING

### GRILLE SCHEDULE Nr. 4

MARK	CFM	SIZE	STYLE	PATN	FLEX	LOCATION
R1-4	145 CFM	24x24	R/A	GRID	8"	CEILING
R2-4	200 CFM	24x24	R/A	GRID	8"	CEILING
R3-4	255 CFM	24x24	R/A	GRID	10"	CEILING
R4-4	500 CFM	12x24	R/A	GRID	12"	WALL

## EQUIPMENT NOTES

1. PROVIDE STARTER 3PF CONTROLS
2. ELECTRICAL TO PROVIDE DISCONNECT.
3. PROVIDE HURRICANE TIE-DOWN STRAPS & 1 DAY PROGRAMMABLE MULTIPLE STAGE HEATING & COOLING THERMOSTAT WITH AUTOMATIC CHANGE-OVER
4. PROVIDE 2 POSITION NOTORIZED O/D AIR DAMPER INDOOR FAN STATUS & PLUGGED FILTER INDICATOR
5. FURNISH 1 HERY-B FILTER (2")
6. PROVIDE SINGLE POINT ELECTRICAL CONNECTION THROUGH ROOF JACK
7. FURNISH SMOKE DETECTORS IN THE SUPPLY AIR STREAM
8. COOLING COILS AND CONDENSER COILS SHALL BE COATED W/ BRONZE GLO OR ELECTROFIN COATING
9. O/S AIR DAMPER SHALL CLOSE WHENEVER THE SUPPLY FAN IS DE-ENERGIZED OR THE BUILDING IS UN-OCCUPIED.
10. PROVIDE FLOAT CUT-OFF SWITCH AT ALL OVERFLOW DRAIN PANS - TO DE-ACTIVATE SYSTEM WHEN WATER FLOWS THROUGH EMERGENCY DRAINLINE.

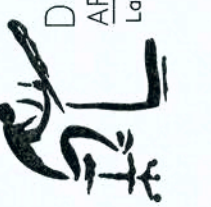
REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4784 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**H.V.A.C. PLAN**

DAVID J. ROYAL  
ARCHITECTURAL DESIGNER  
Lic. No. 13576 - FLA  
Lic. No. 13576 - FLA



**NICHOLAS PAUL GEISLER**  
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DATE:

27 JUN 2019

SHEET:

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1 OF 3

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FIELD "AS-BUILT" NOTES

EQUIPMENT REQUIREMENTS

SYSTEM DISCRPTION:

H.V.A.C. SYSTEMS SHALL BE A SPLIT SYSTEMS, W/ AN O/S CONDENSING UNITS AND 1/5 AIR HANDLERS. THE SYSTEMS SHALL BE A HEAT PUMP CONFIGURATION W/ STRIP HEAT BACKUP.

CONDENSING UNITS:  
SEER: 16.00  
SENSIBLE BTU: 60000  
ELECTRICAL: 120/208V 1Ø  
MFR: RUUD/RHEEM, CARRIER, TRANE, LENNOX

AIR HANDLER UNITS:  
HSPF: 8.10  
CFM: 2000  
STRIP HEAT: 60000 BTU  
ELECTRICAL: 120/208V 1Ø  
MFR: MATCH C.U.

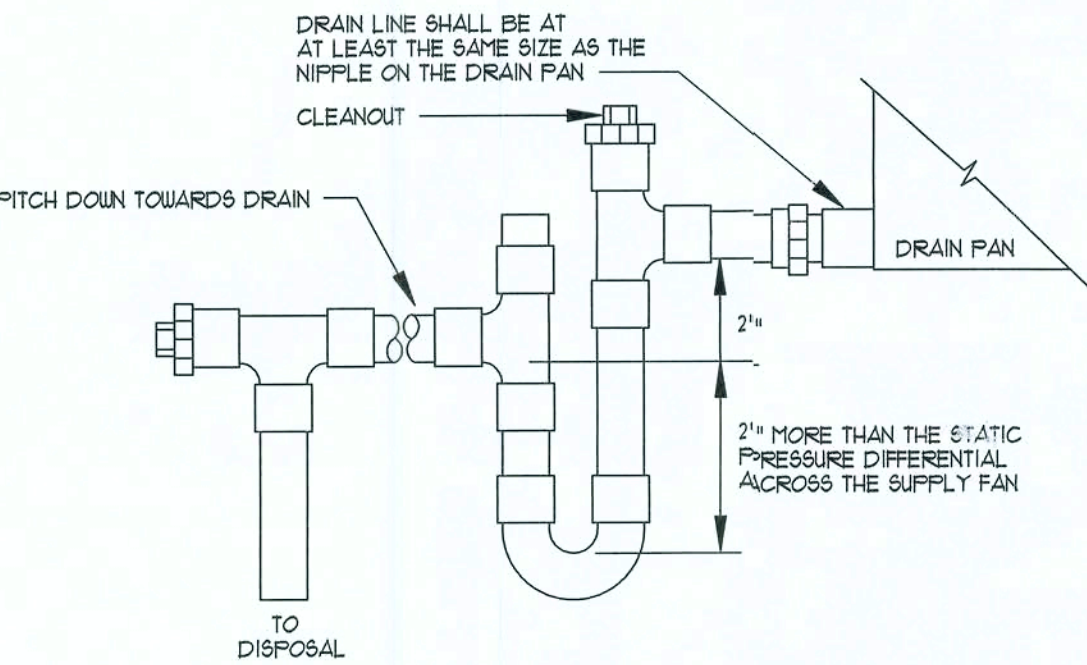
NOTE: ELECTRICAL REQUIREMENTS, WIRING, FUSES, STARTERS AND CONTROLS SHALL BE AS REQUIRED BY THE MANUFACTURER FOR A COMPLETE & OPERATING SYSTEM. ACCESSORY ITEMS, IE: DRIERS, RECEIVERS, MOUNTING EQUIPMENT AND THE LIKE SHALL BE PART OF THE SYSTEM AS REQUIRED.

DUCTWORK

- DUCTWORK SHALL BE R6.0 FOIL FACED RIGID FIBER-GLASS OR R0.0 FOIL FACED RIGID FIBERGLASS IN ATTIC AREAS, FOR ALL MAIN TRUNK LINES W/ FOIL FACED FLEX DUCT FOR ALL BRANCH DROPS.
- ALL TURNING VANES, EXTRACTORS AND DAMPERS SHALL BE INCLUDED AND SHALL BE FABRICATED FROM GALV. SHEET METAL.
- ALL JOINTS IN DUCTWORK SHALL BE LAP SPLICED IN THE DIRECTION OF FLOW AND SEALED W/ FOIL FACED DUCT TAPE.

SUPPLY DIFFUSERS / RETURN GRILLES

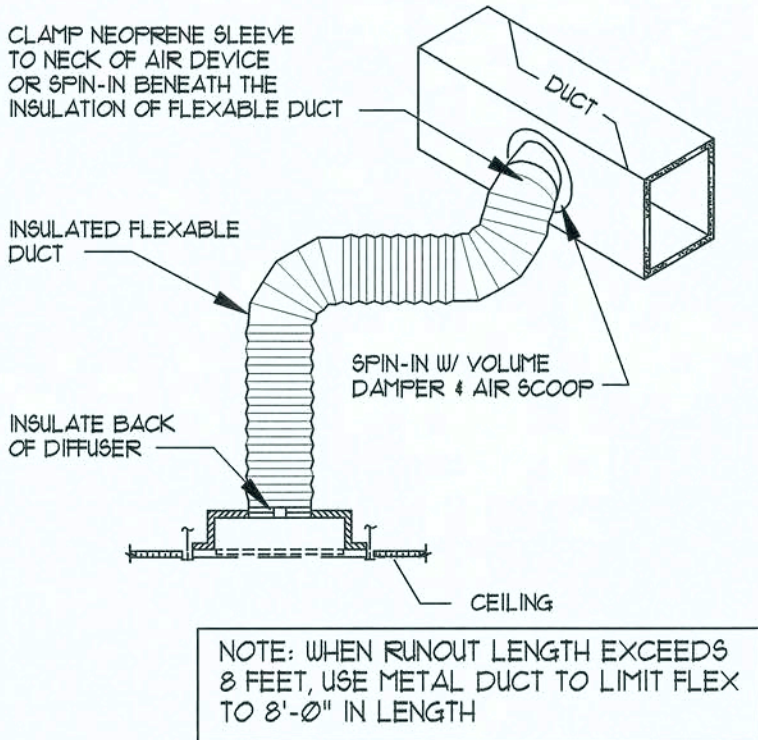
- AIR DEVICES SHALL BE CONSTRUCTED OF PAINTED STL. FOR ALL FLOOR REGISTERS AND ANODIZED ALUM. FOR ALL WALL AND CEILING LOCATIONS.
- DIFUSERS SHALL HAVE OFFERABLE DAMPERS W/ CURVED BLADE ADJUSTABLE VANES IN ALL WALL & CEILING APPLICATIONS, AND OPPOSED BLADE DAMPERS IN FLOOR LOCATIONS.
- RETURN AIR GRILLES SHALL BE CONSTRUCTED OF PAINTED STEEL FOR ALL FLOOR LOCATIONS AND ANODIZED ALUM. FOR ALL WALL & CLG. LOCATIONS.
- RETURN AIR GRILLES SHALL HAVE AN OFFERABLE FACE W/ A FILTER HOLDER INCLUDED.



AHU DRAIN TRAP

N.T.S.

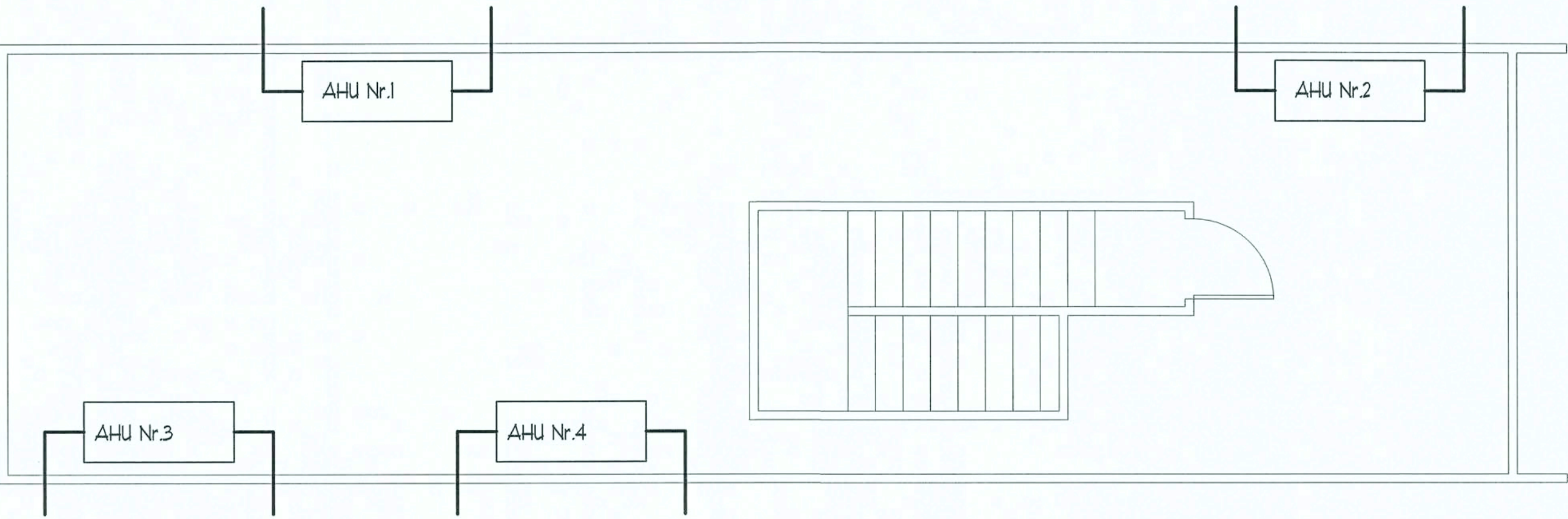
A



SUPPLY DIFFUSER DET.

N.T.S.

B



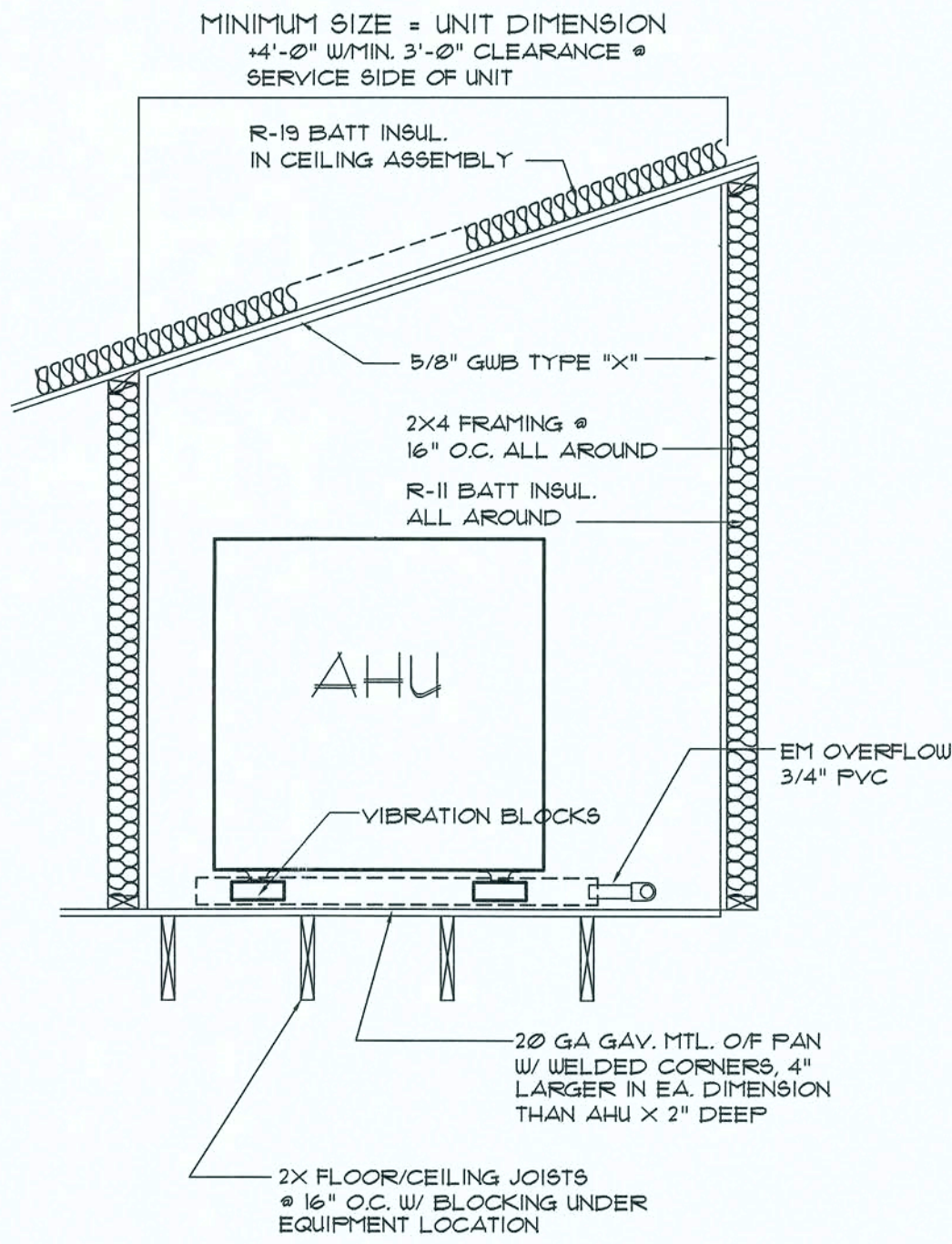
MEZZ. H.V.A.C. PLAN

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

A PART OF YOUR AIR CONDITIONING SYSTEM, THE AIR HANDLER, IS LOCATED IN THE ATTIC. FOR PROPER, EFFICIENT, AND ECONOMIC OPERATION OF THE AIR CONDITIONING SYSTEM, YOU MUST ENSURE THAT REGULAR MAINTENANCE IS PERFORMED. YOUR AIR CONDITIONING SYSTEM IS EQUIPPED WITH ONE OR BOTH OF THE FOLLOWING:

- 1) A DEVICE THAT WILL ALERT YOU WHEN THE CONDENSATION DRAIN IS NOT WORKING PROPERLY OR
- 2) A DEVICE THAT WILL SHUT THE SYSTEM DOWN WHEN THE CONDENSATION DRAIN IS NOT WORKING.

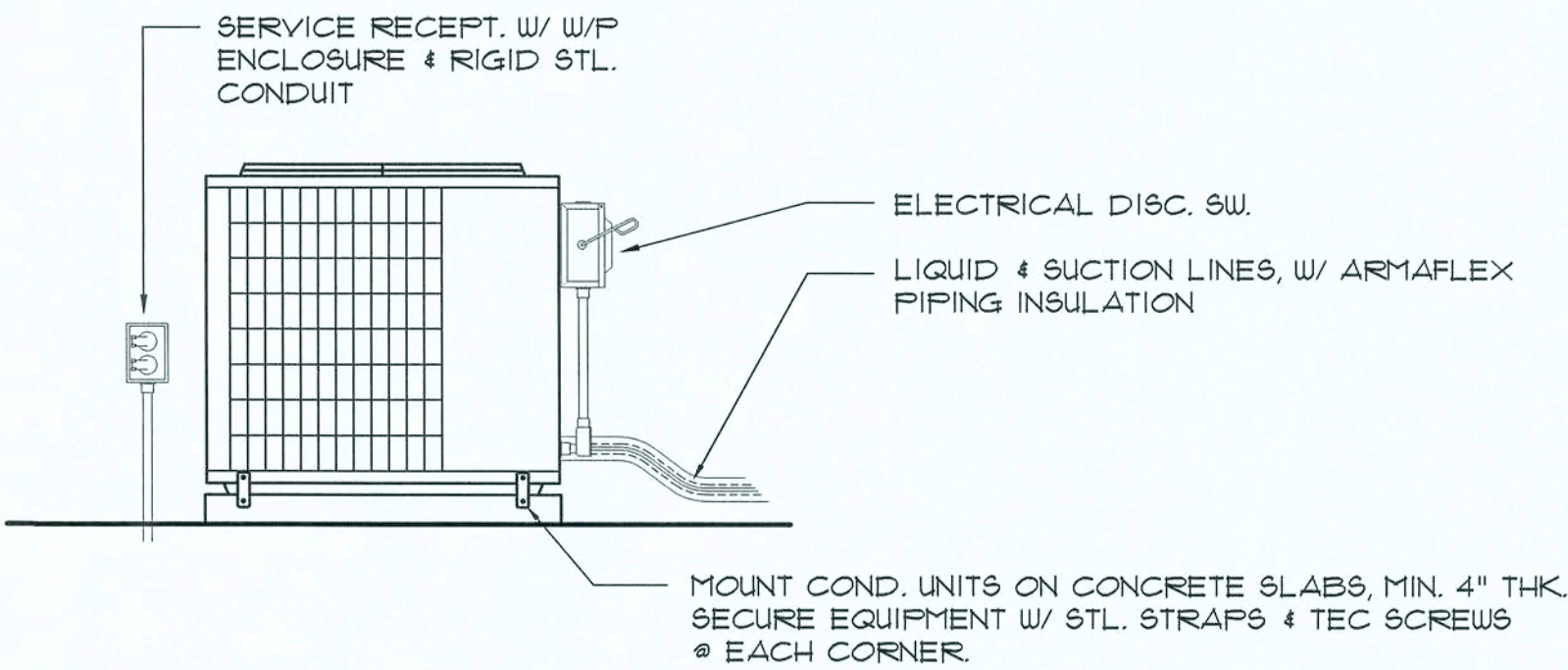
TO LIMIT POTENTIAL DAMAGE TO YOUR HOME, AND TO AVOID DISRUPTION OF SERVICE, IT IS RECOMMENDED THAT YOU ENSURE PROPER WORKING ORDER OF THESE DEVICES BEFORE EACH SEASON OF PEAK OPERATION.



AHU Equip Mounting DET.

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

C



Slab C.U. Mounting DET.

SCALE: NONE

D

REVISIONS

DRAWN: DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
HVAC MEZZANINE PLAN & SCHEDULES

DAVID J. ROYAL  
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NICHOLAS PAUL GEISLER  
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N.C.A.A.B. Certified

1755 NW Brown Rd.  
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DATE:  
21 JUN 2019

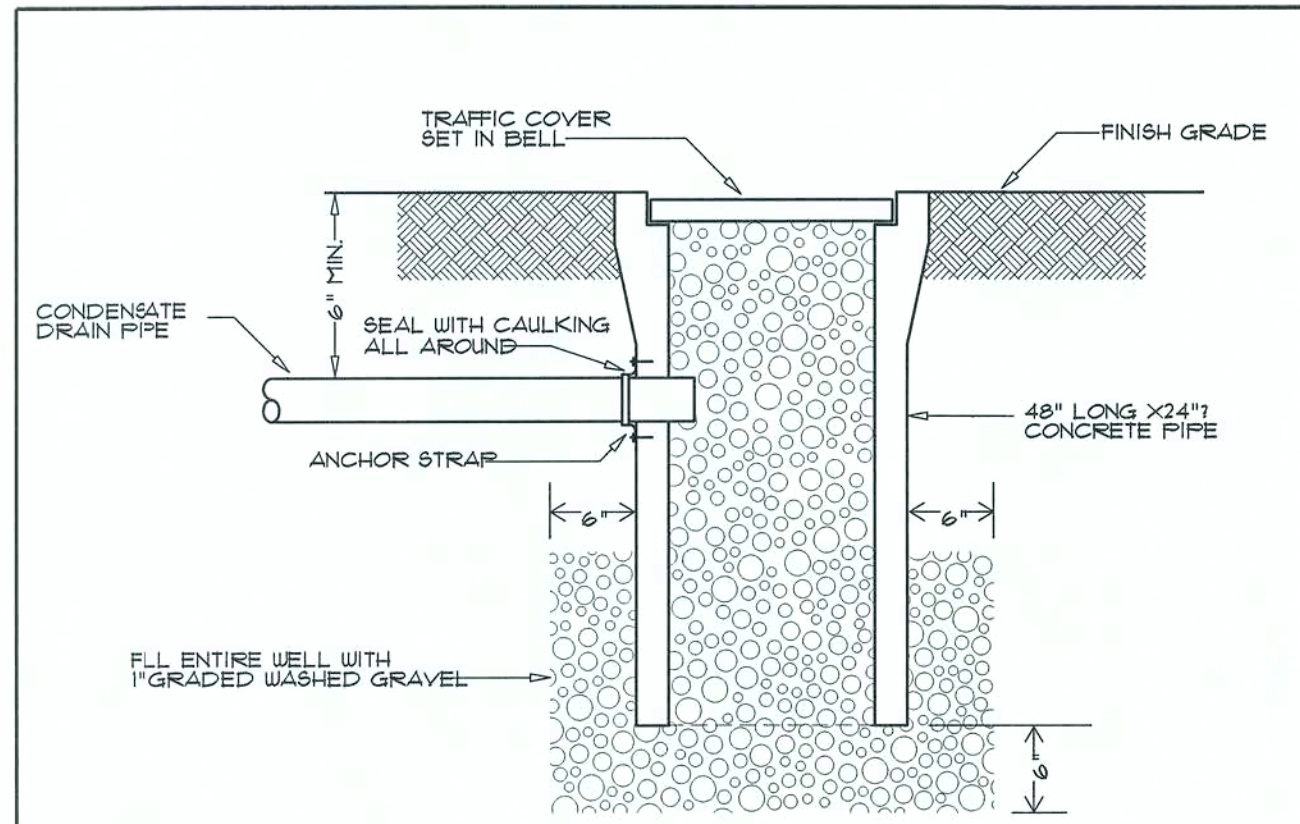
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17 July 2019

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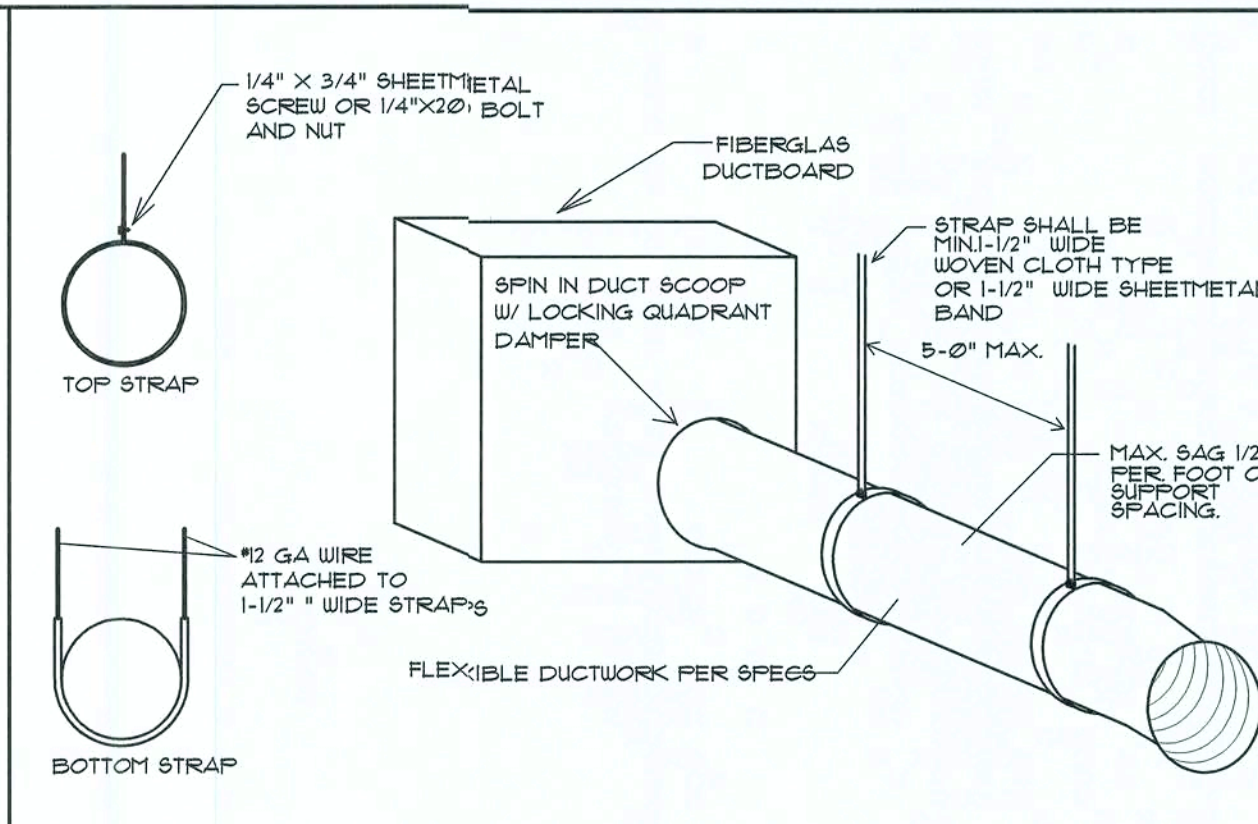


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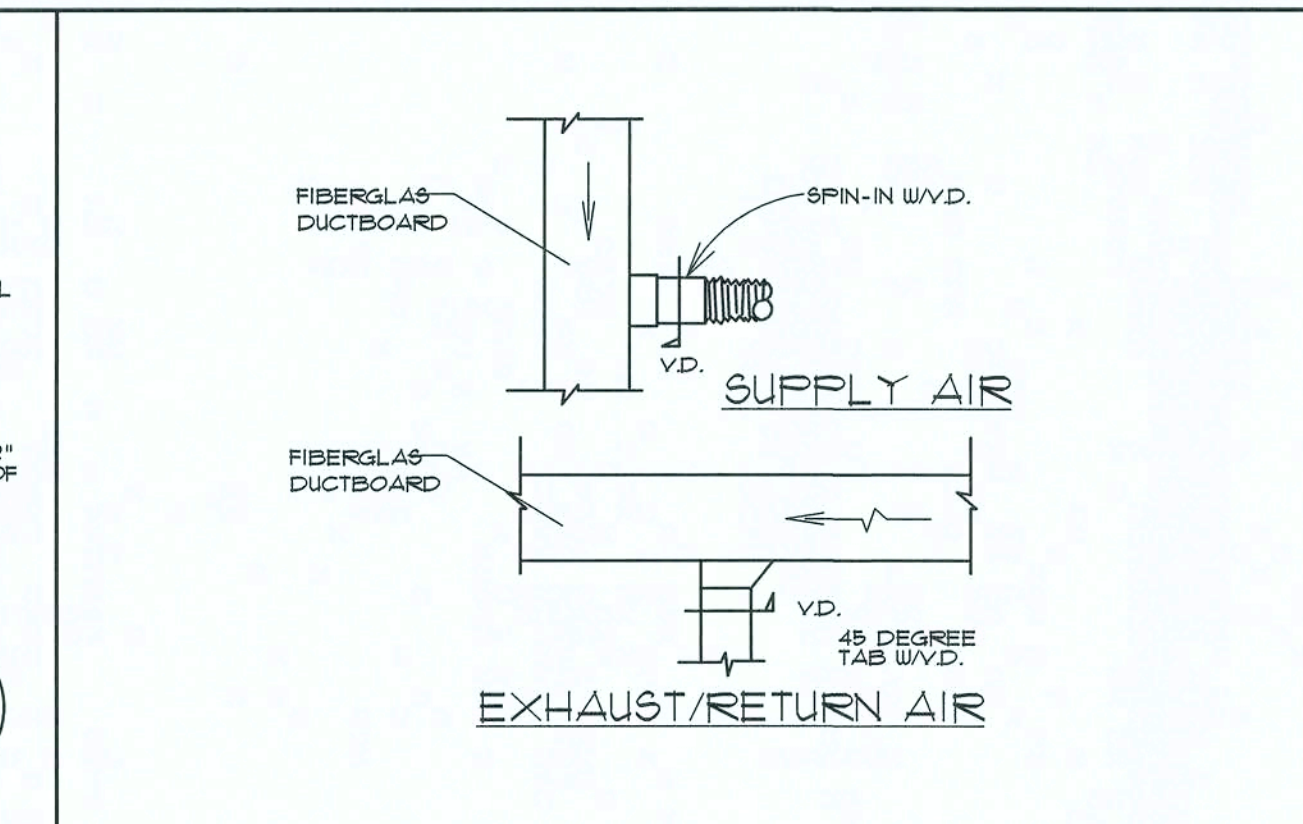
DRYWELL DETAIL

DET #1  
SHT M-4



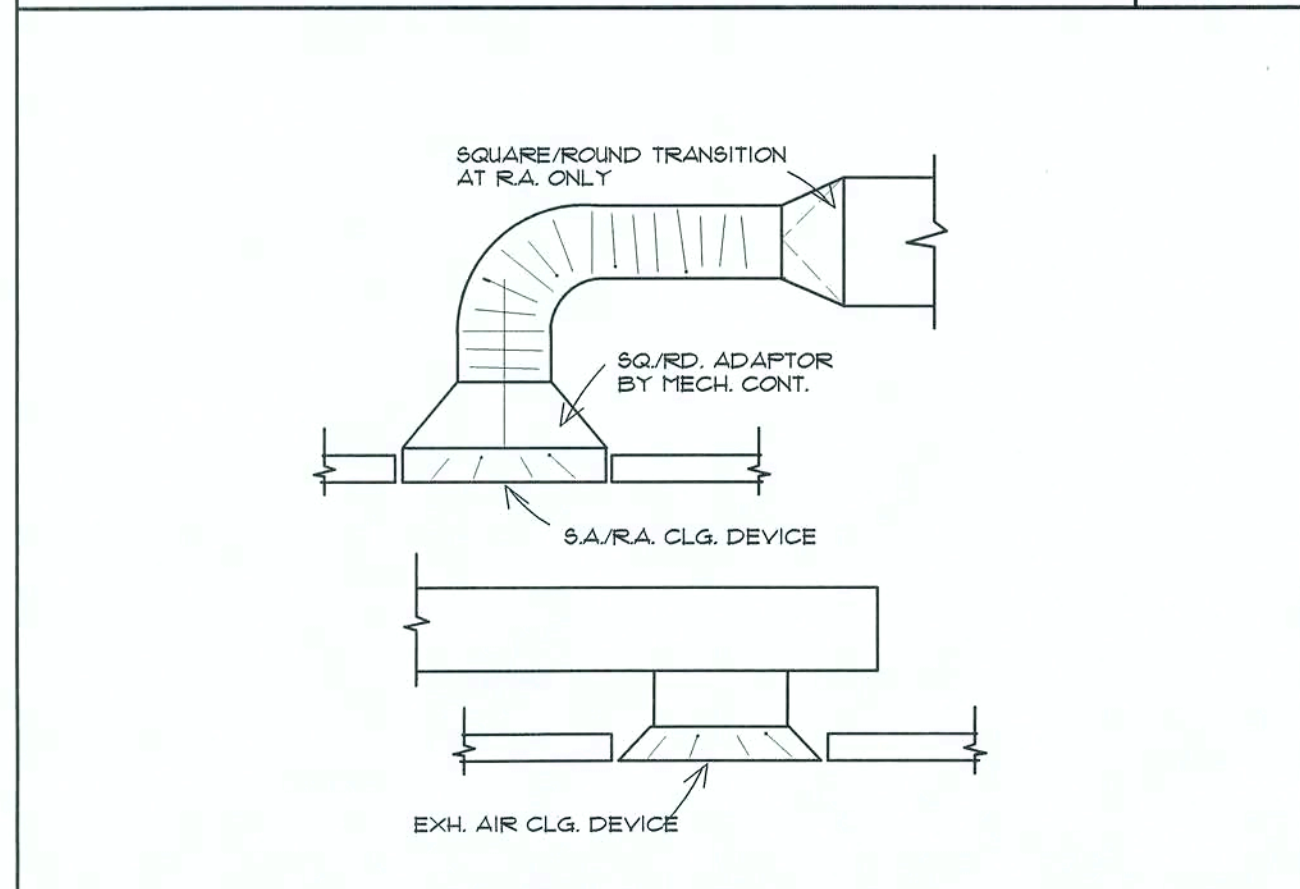
FLEXIBLE SUPPORTS DETAIL

DET #2  
SHT M-4



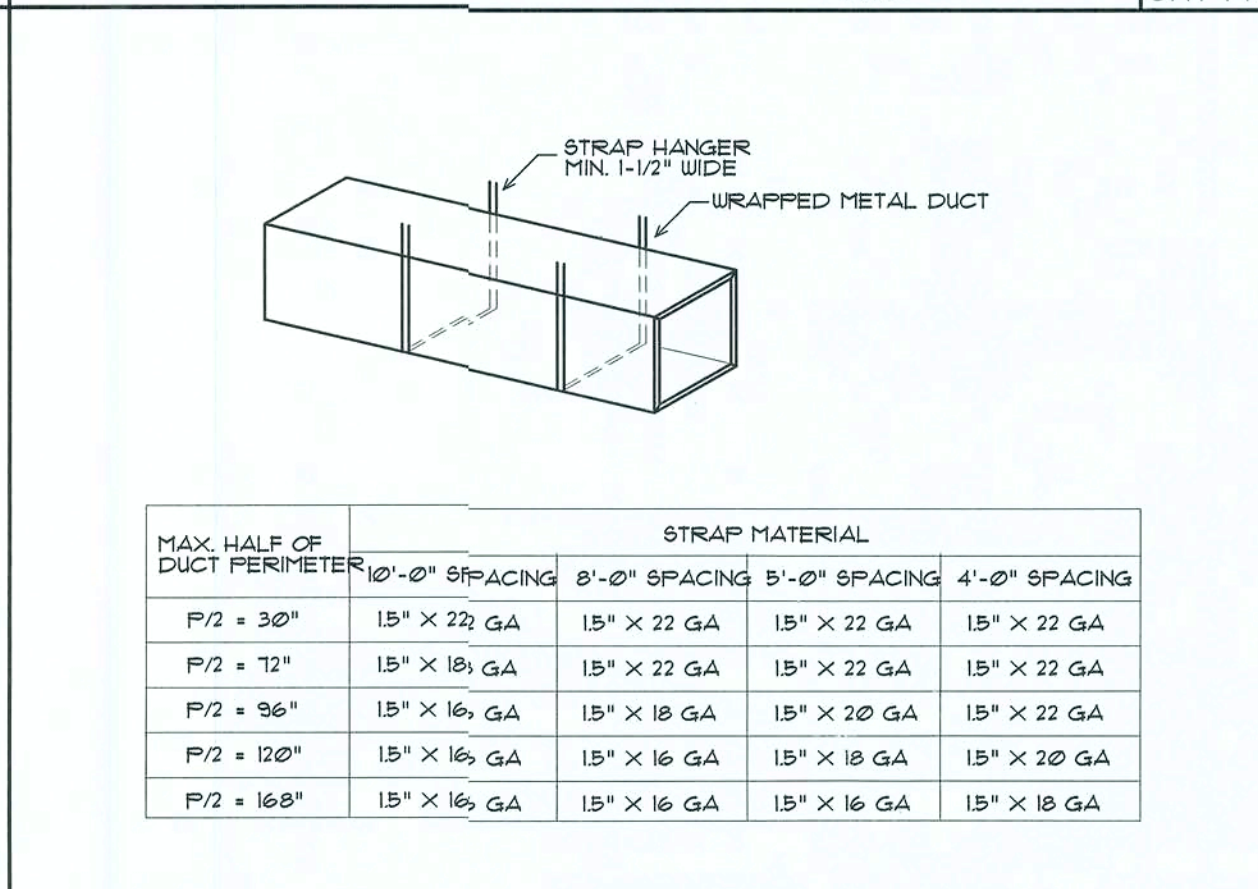
AIR DUCT DETAILS

DET #3  
SHT M-4



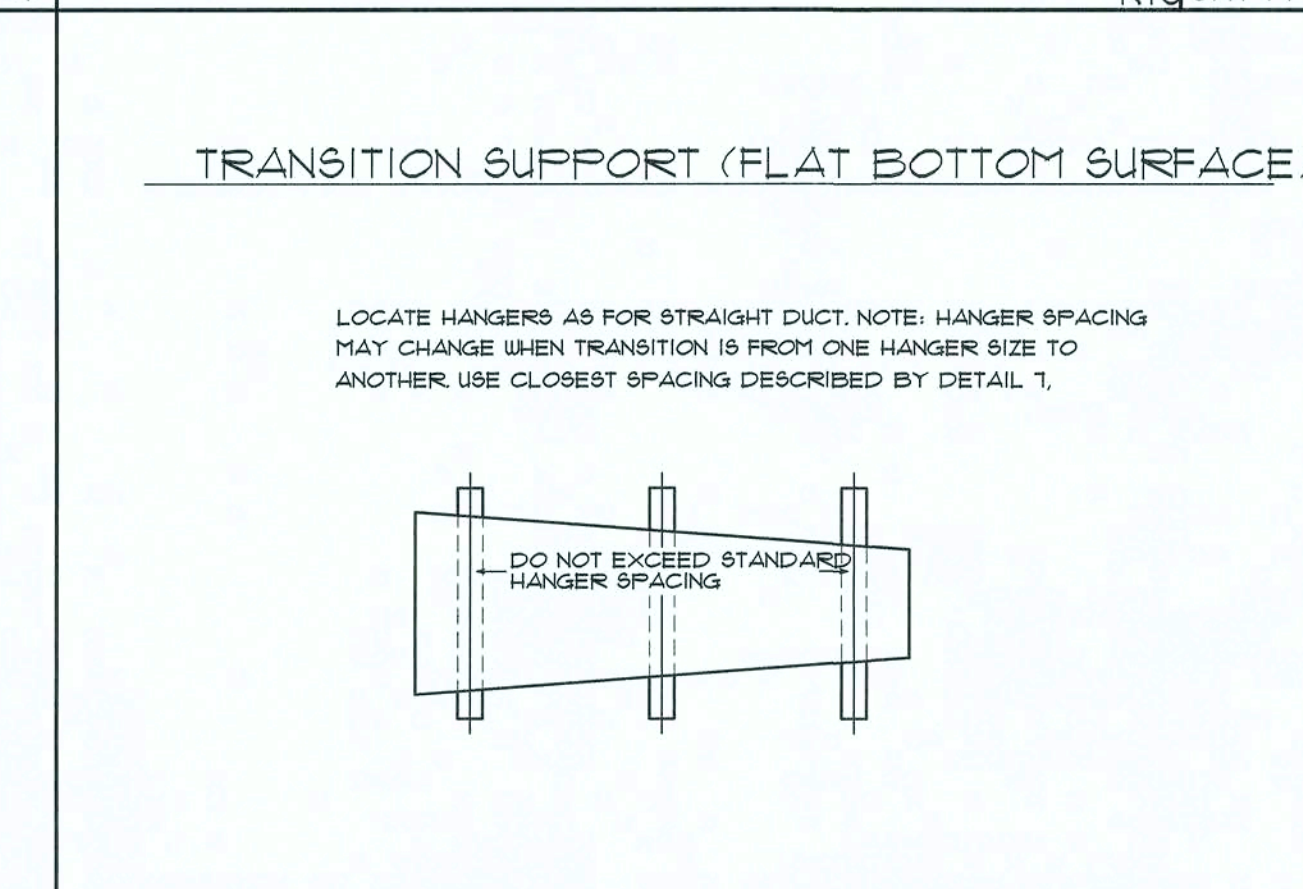
DIFFUSER CONNECTIONS

DET #4  
SHT M-4



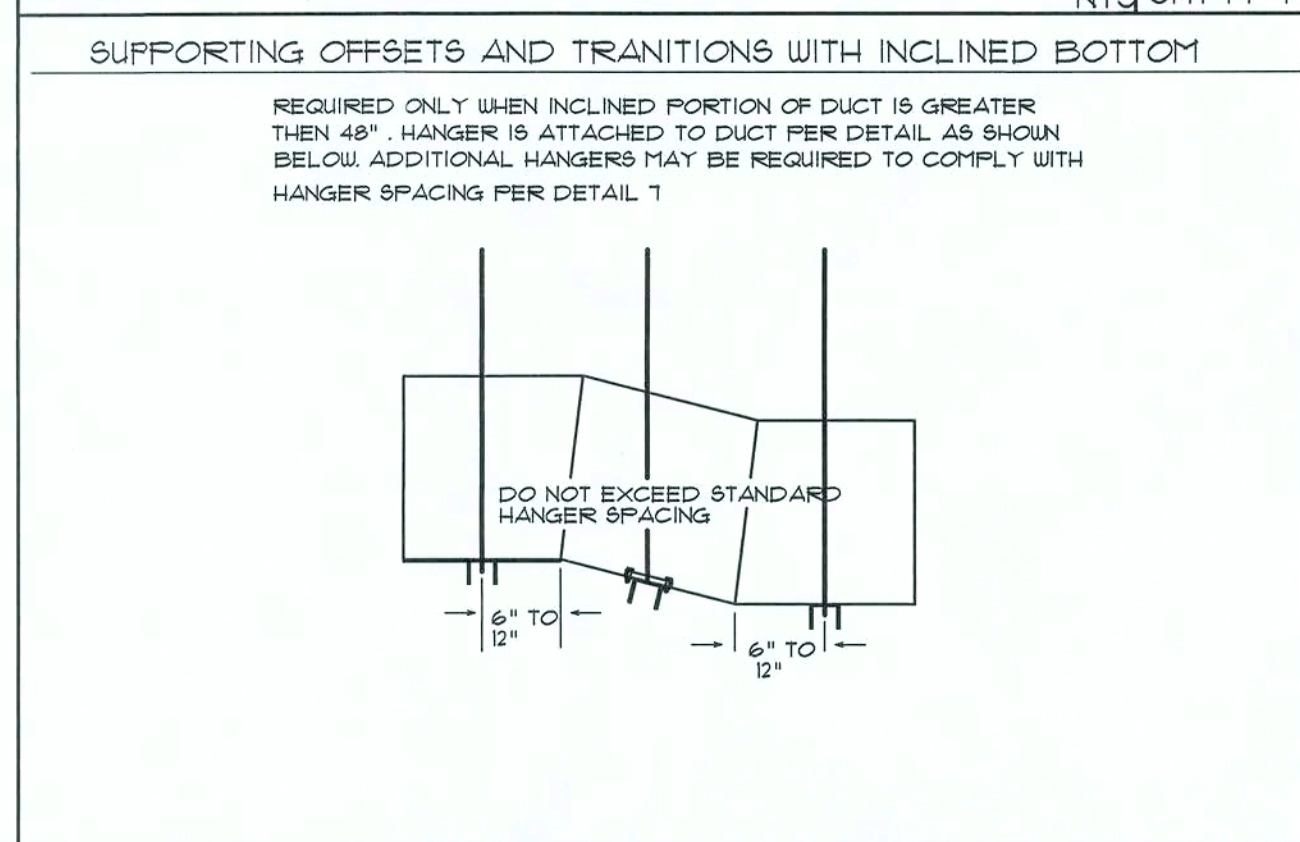
SHEETMETAL DUCT SUPPORT DETAIL

DET #5  
SHT M-4



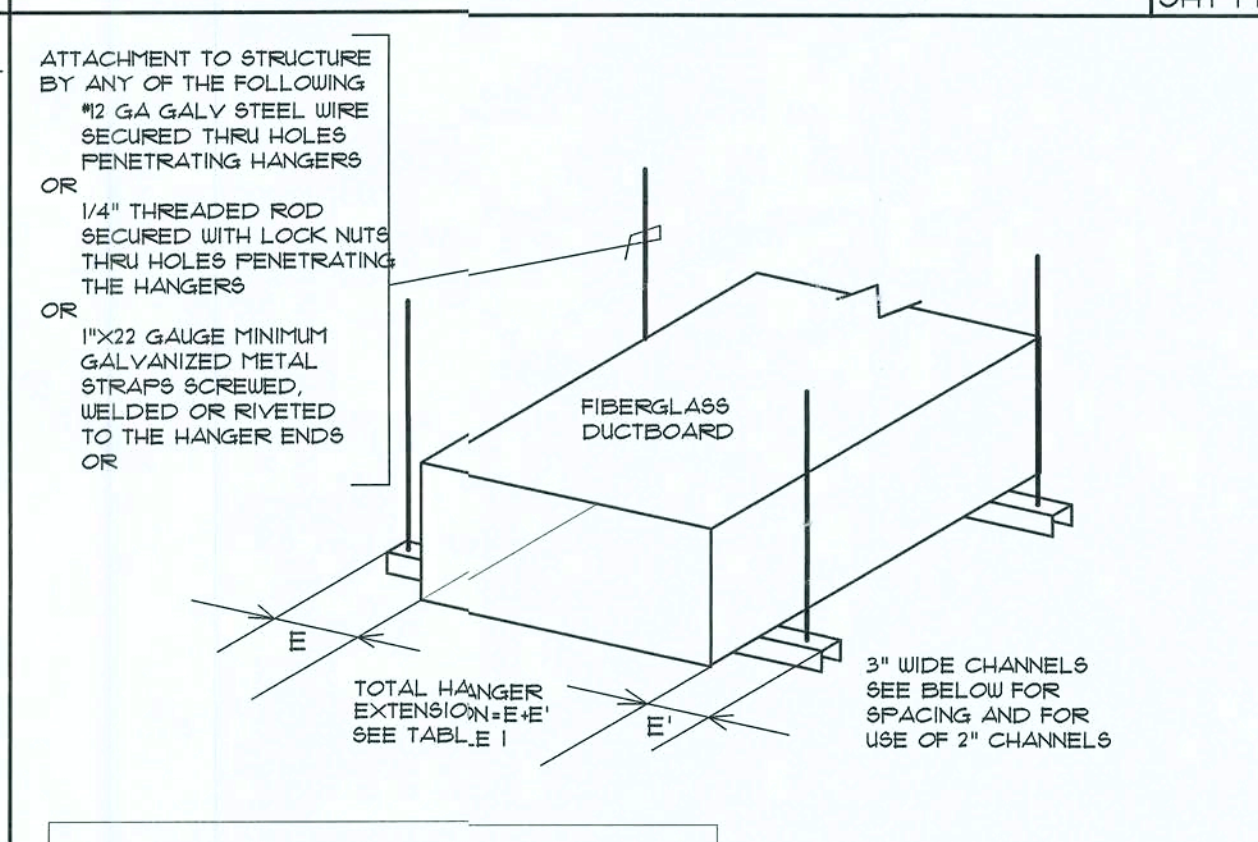
DUCTBOARD TRANSITIONS AND OFFSET SUPPORTS

DET #6  
SHT M-4

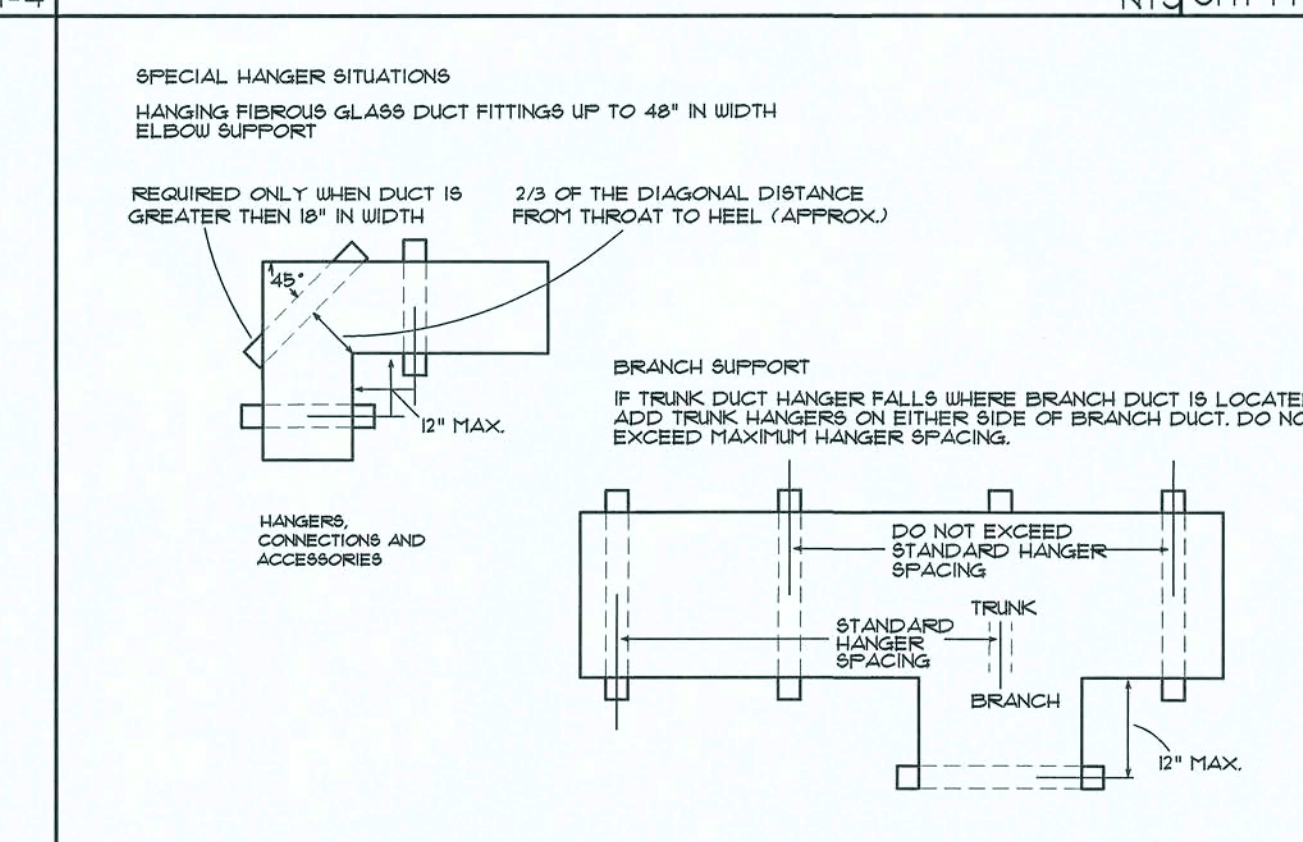


DUCTBOARD TRANSITIONS AND OFFSET SUPPORTS

DET #7  
SHT M-4

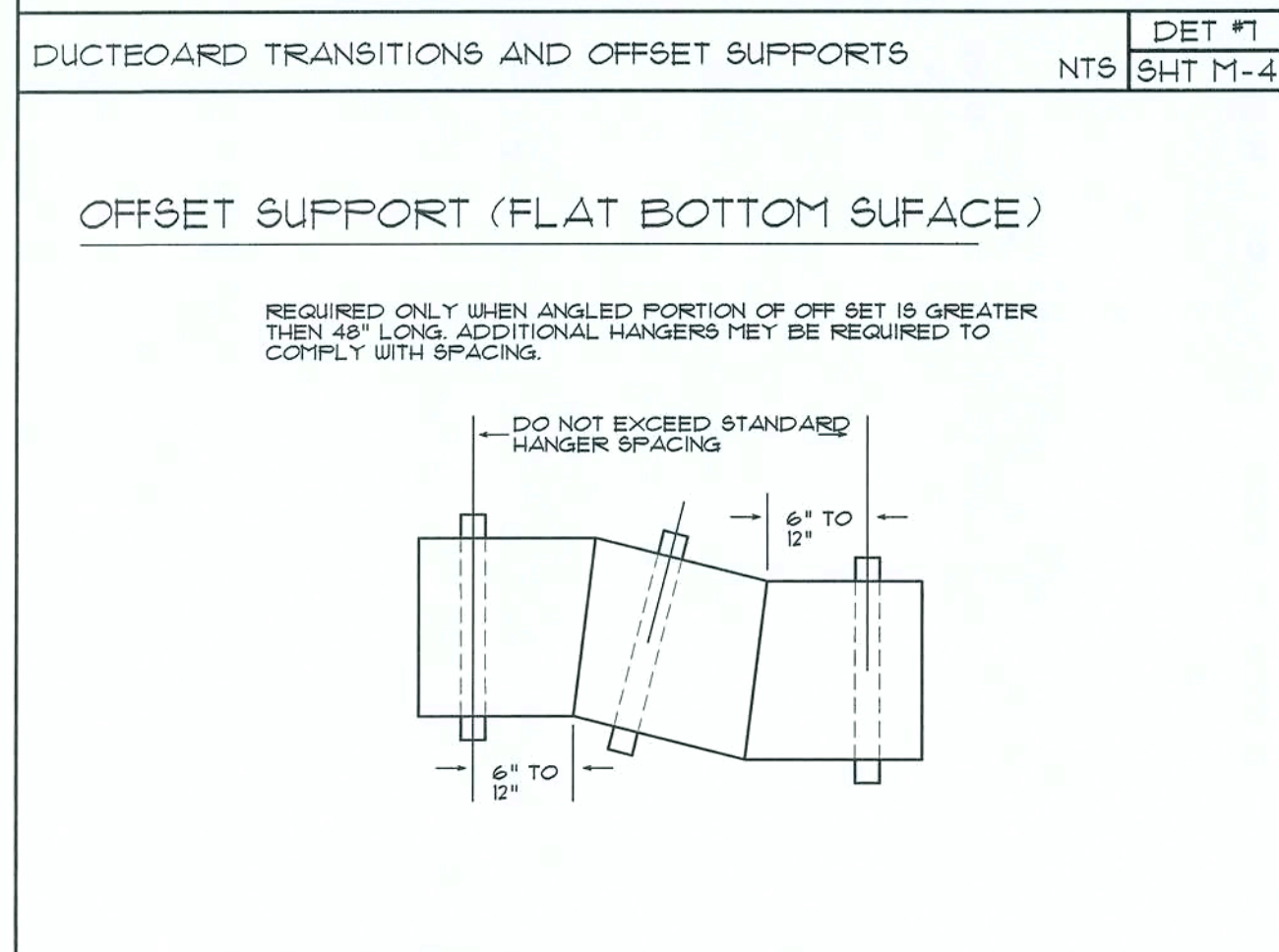


CHANNEL SELECTION



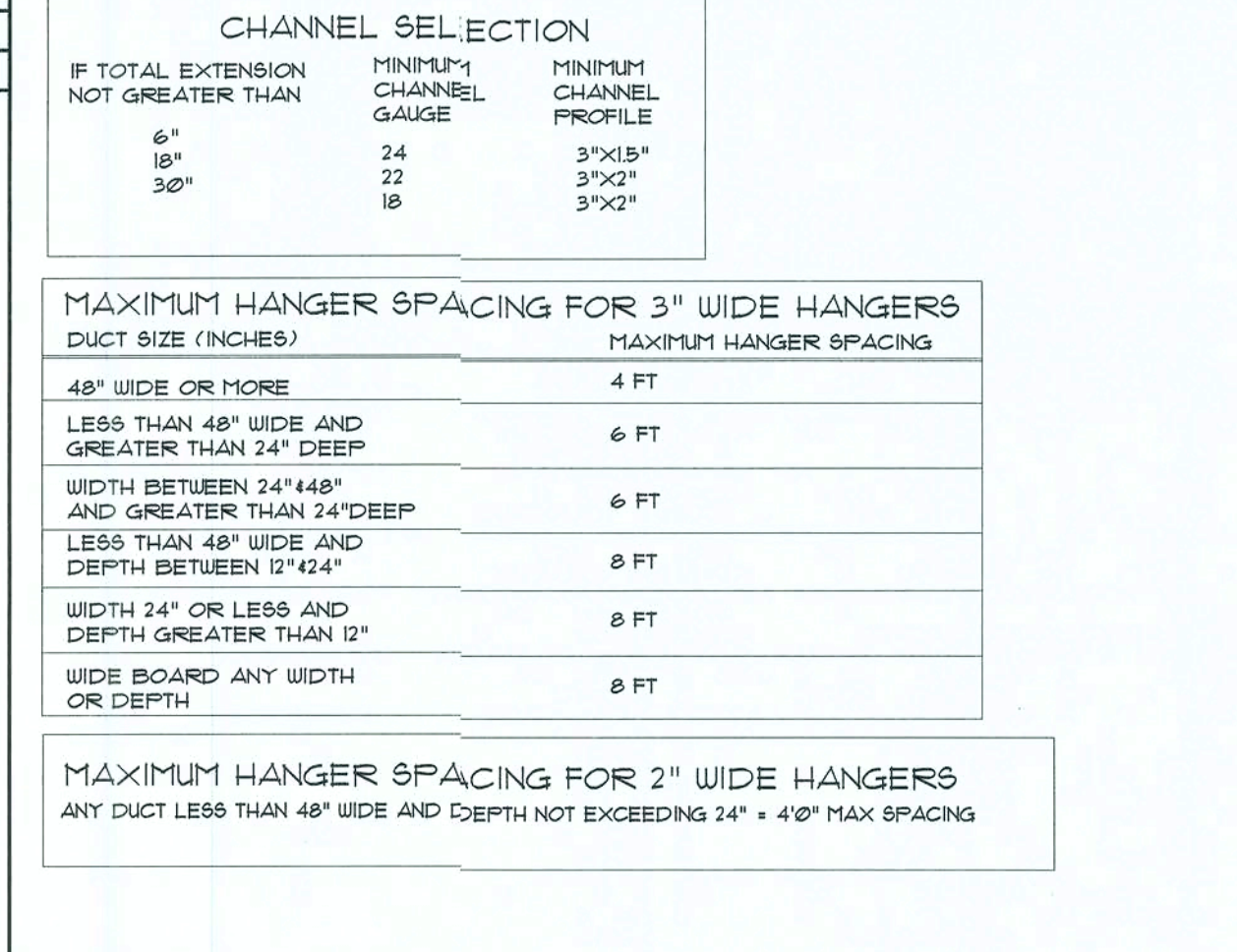
DUCTBOARD 90° ELBOW AND BRANCH LINE SUPPORTS

DET #10  
SHT M-2



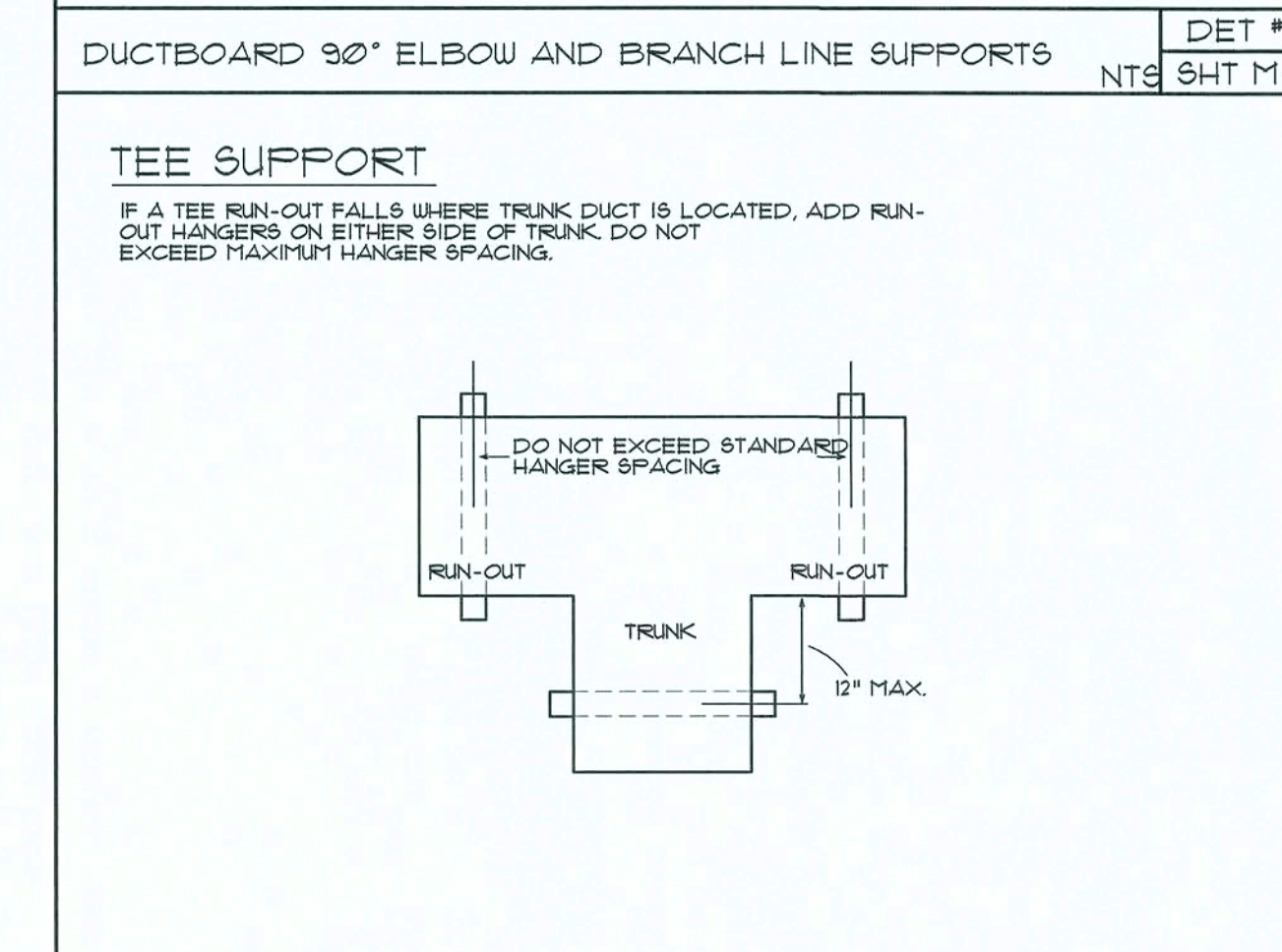
DUCTBOARD FLAT BOTTOM OFFSETS AND TEES SUPPORTS

DET #8  
SHT M-2



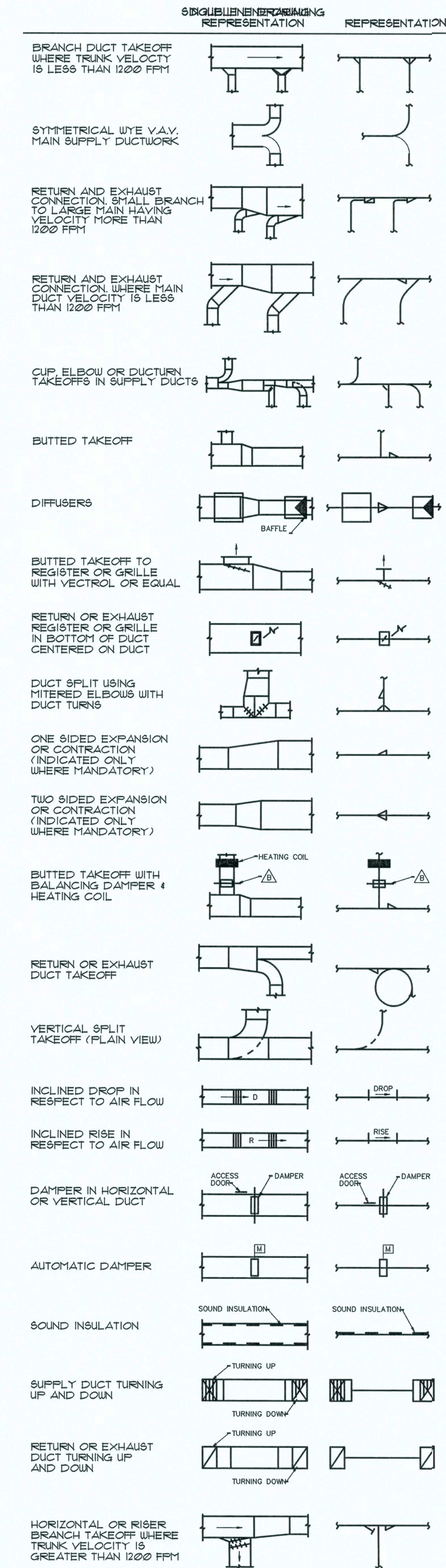
FIBERGLASS DUCT SUPPORT DETAIL

DET #9  
SHT M-2



DUCTBOARD FLAT BOTTOM OFFSETS AND TEES SUPPORTS

DET #11  
SHT M-2



REVISION:

DRAWN: DJR

NEW BUILDING RENOVATION FOR: PALMS MEDICAL GROUP PRIMARY CARE OFFICE - 4184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA

HYAC DETAILS

DAVID J. ROYAL ARCHITECTURAL DESIGNER Lake City, Florida - 386-752-4670

NICHOLAS GEISLER ARCHITECT N.C.A.R.S. Certified 1745 NW Brown Rd. Lake City, FL 32055 386-565-4255

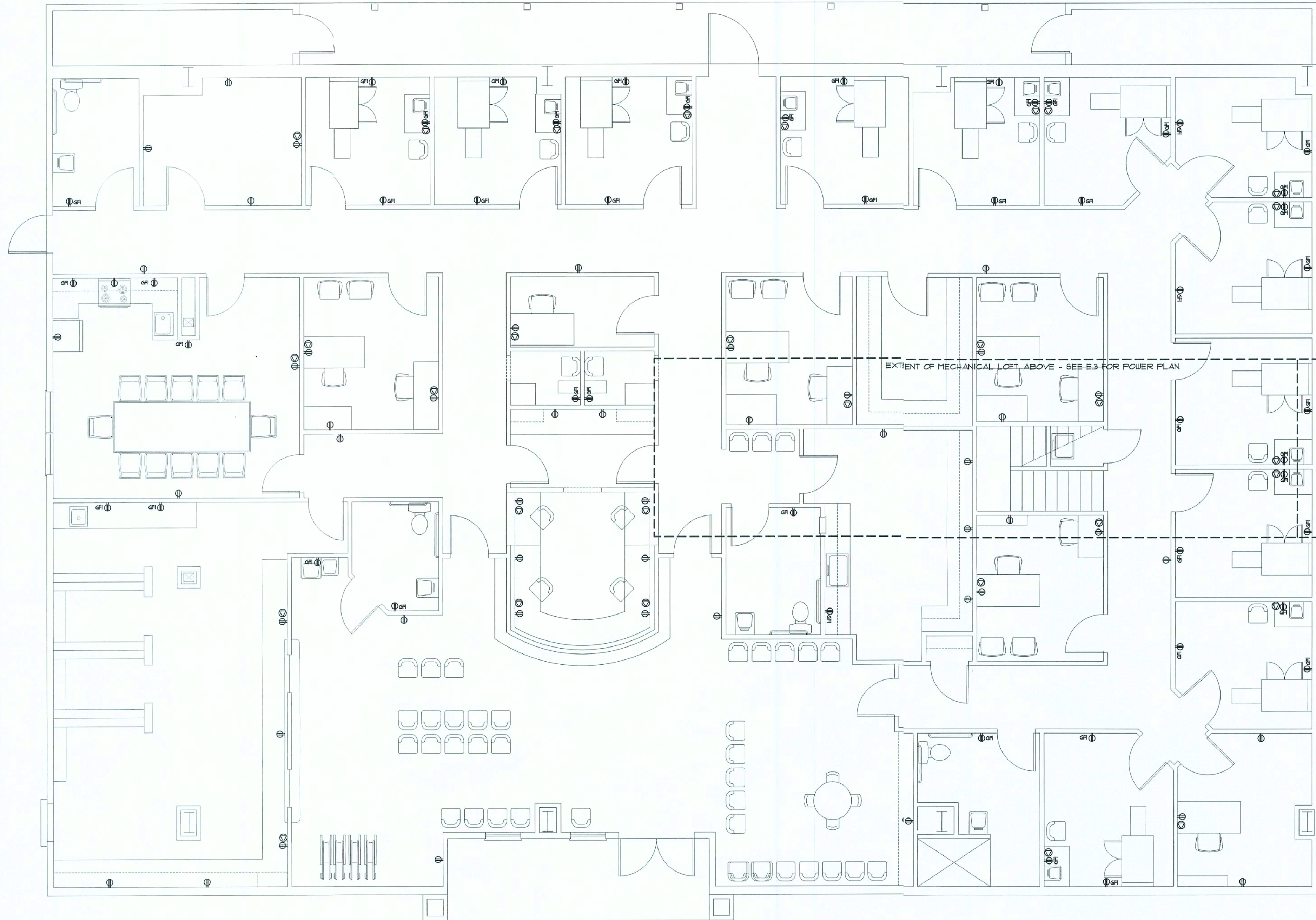
DATE: 21 JUN 2019

SHEET: M.3 3 OF 3

AR0007005



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## POWER PLAN

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

### GENERAL ELECTRICAL NOTES

INSTALLATION SHALL BE PER 2014 NAT'L. ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

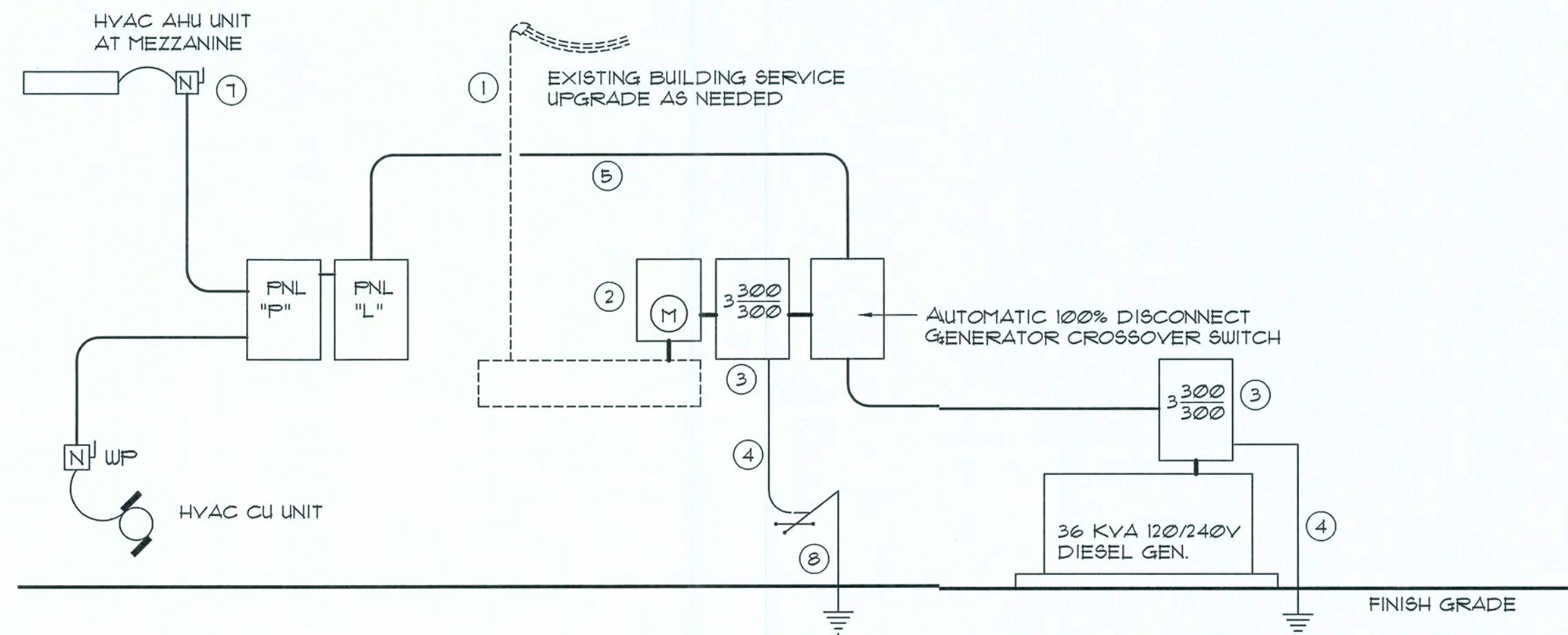
ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTACLS, NOT OTHERWISE DESIGNATED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS.

ALL RECEPTACLS IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI).

ALL EXTERIOR RECEPTACLS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (WP/GFI).



## ELECTRICAL RISER DIAGRAM: 300A

SCALE: NONE

## Electrical SYMBOLS

### POWER

ALL DESIGNATED WITH (M) OR (L) SYMBOL - REFER TO OWNER FOR SPECIFIC TYPE OF OUTLET REQUIRED AT EACH LOCATION

- Ⓜ GROUNDING, HUBBELL NO. HBL83201 WITH OFF-WHITE COVERPLATE, 18" MOUNTING HEIGHT, UNO.
- Ⓛ DOUBLE DUPLEX RECEPTACLES HOSPITAL GRADE - (2) TWO 20 AMP, 120 VOLT, 3 WIRE GROUNDING, HUBBELL NO. HBL83201 WITH OFF-WHITE COVERPLATE, 18" MOUNTING HEIGHT, UNO.
- Ⓜ GFI DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER HOSPITAL GRADE, 20 AMP, 120 VOLT, 3 WIRE GROUNDING, HUBBELL NO. GFR83201TR WITH OFF-WHITE COVERPLATE, 48" MOUNTING HEIGHT, UNO.
- Ⓛ GFI DOUBLE DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER HOSPITAL GRADE 20 AMP, 120 VOLT, 3 WIRE GROUNDING, HUBBELL NO. GFR83201TR WITH OFF-WHITE COVERPLATE, 48" MOUNTING HEIGHT, UNO.
- Ⓜ GFI DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER HOSPITAL GRADE, 20 AMP, 120 VOLT, 3 WIRE GROUNDING, HUBBELL NO. GFR83201TR WITH OFF-WHITE COVERPLATE, 44" MOUNTING HEIGHT, UNO. 18" A.F.G. FOR EXTERIOR LOCATIONS.
- Ⓜ JUNCTION BOX SIZE PER NEC.
- Ⓜ MOTOR, FAN, PUMP OR AIR CONDITIONING UNIT CONNECTION PER NEC.
- Ⓜ LIGHTING AND/OR POWER PANELBOARD, W/ LOCKING COVERS.
- Ⓜ SUPPLY AIR DUCT SMOKE DETECTOR, 120V
- Ⓜ NON-FUSED DISC. SWITCH (WP INDICATES WEATHERPROOF)
- UNO. UNLESS NOTED OTHERWISE.
- AFF. ABOVE FINISHED FLOOR.
- Ⓜ # DATA OUTLET, 4 - CAT 5e # INDICATES CONGRUENT ENDS OF DATA LINE RUNS
- CAT 5e CABLE RUN
- TELEPHONE TERMINAL BOARD

NOTE!  
UNLESS INDICATED OTHERWISE, ALL CAT 6 DATA LINES SHALL TERMINATE AT THE IT ROOM W/ INDIVIDUAL CONDUIT RUNS - REFER TO OWNER AS TO MANNER AND EXACT LOCATION OF TERMINATIONS

NOTE!  
ELECTRICAL CONTR' SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N., DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!  
PROVIDE 2 EMPTY 2" COND'S FOR COMMUNICATION SERVICES REFER TO OWNER FOR TERMINATION REQUIREMENTS

NOTE!  
ALL EMPTY CONDUITS SHALL BE EQUIPPED WITH A FULL WIRE

NOTE!  
EMERGENCY LIGHTING AND EXIT SIGNS, SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED PER NEC 100-12F.

NOTE!  
UNLESS INDICATED OTHERWISE, ALL RECEPTACLES SHALL BE LOCATED 18" ABV. FIN. FLOOR

NOTE! ALL RECEPTACLS DESIGNATED WITH (M) OR (L) SYMBOL - REFER TO OWNER FOR SPECIFIC TYPE OF OUTLET REQUIRED AT EACH LOCATION - SEE SYMBOL LEGEND, ABOVE

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**ELECTRICAL POWER PLAN**

DAVID J. ROYAL  
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Lake City, Florida - 386-752-4670

NICHOLAS PAUL GESLER  
ARCHITECT  
N.C. STATE CERTIFIED  
1758 NW Brown Rd.  
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DATE:

27 JUN 2019

SHEET:

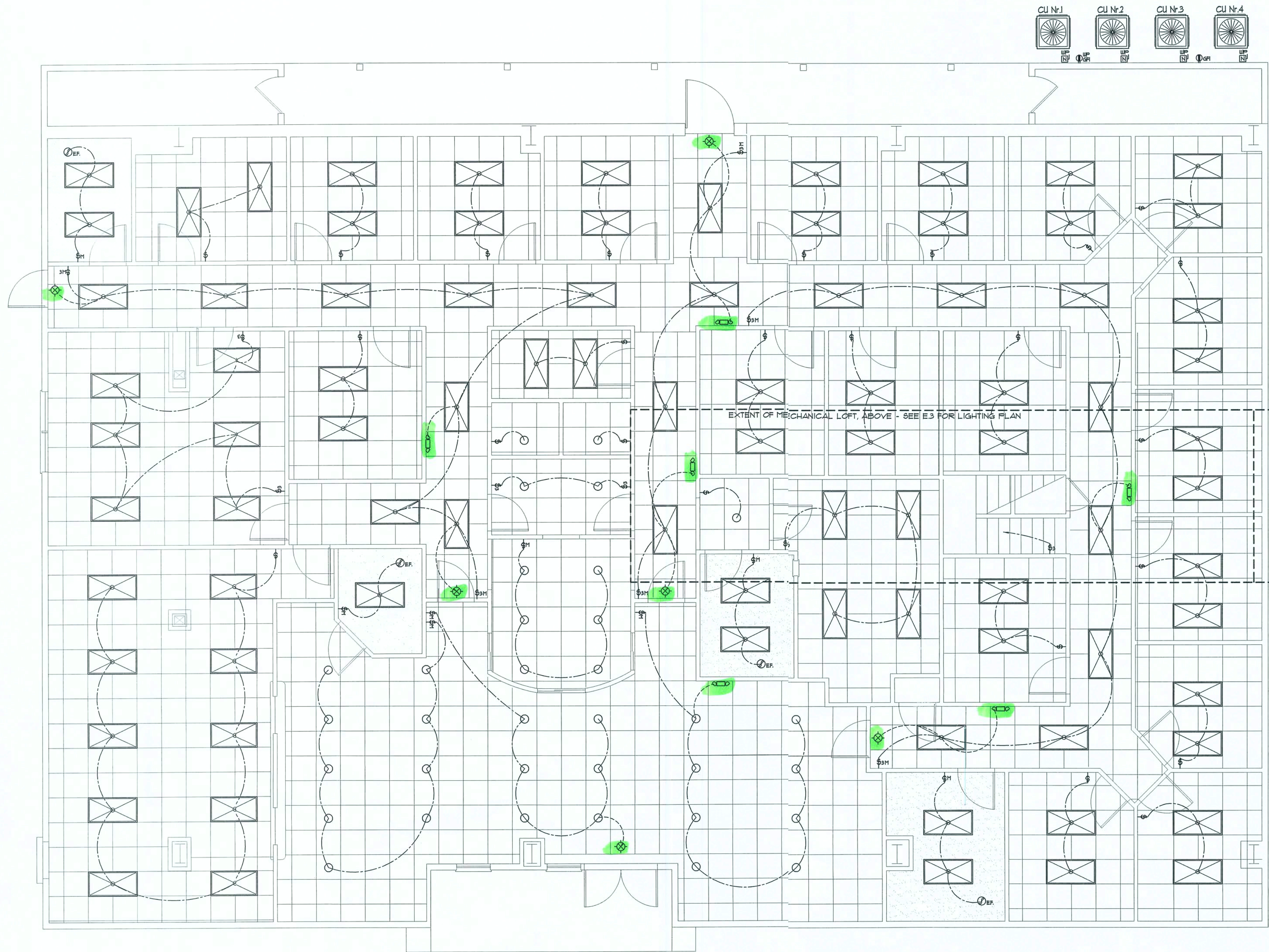
E.1

1 OF 3

AR0007005



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## LIGHTING PLAN

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

NOTE:  
EMERGENCY LIGHTING AND EXIT SIGNS, SHALL BE PROVIDED  
AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED  
PER NEC 100-12F.

## Ceiling SYMBOLS

### HVAC

- 24" X 24" LAY-IN SUPPLY AIR DIFFUSER  
WHITE FACTORY FINISH W/ FIRE-DAMPER
- 12" X 12" SUPPLY AIR DIFFUSER  
WHITE FACTORY FINISH W/ FIRE-DAMPER
- 24" X 24" LAY-IN RETURN AIR GRILLE  
WHITE FACTORY FINISH W/ FIRE-DAMPER
- 12" X 12" RETURN AIR GRILLE  
WHITE FACTORY FINISH W/ FIRE-DAMPER

### LIGHTING / ELECTRICAL

- SPST WALL SWITCH OFF-WHITE W/ OFF-WHITE COVER PLATE @ 48" AFF,  
AT ALL RESTROOMS, ONLY.
- LOW VOLTAGE SWITCH, ON/OFF - OFF-WHITE WITH OFF-WHITE COVER PLATE,  
SENSOR SWITCH MODEL #SPDM-5A-IV, 46" MOUNTING HEIGHT, UNO.
- LOW VOLTAGE DIMMER, 3-WAY SWITCH, ON/OFF - OFF-WHITE WITH OFF-WHITE  
COVER PLATE, SENSOR SWITCH MODEL #SPDM-5A-3X-IV, 46" MOUNTING  
HEIGHT, UNO.
- 24 X 48 LED TROFFER LIGHTING FIXTURE - RECESSED WITH JUNCTION  
BOX AND FLEXIBLE METALLIC CONDUIT CONNECTION, AS PER  
TAMLITE 6W LED, MODEL TLP24-6040D-DIM-W
- WALL OR CANOPY MOUNT EXIT SIGN W/ WHITE FACE AND GREEN FONT  
AS PER EMERGI-LITE MODEL: ELXN400RN
- WALL OR CANOPY MOUNT EMERGENCY LIGHT W/ BATT. PAK AS PER  
MCGRAW EDISON MODEL: 1ST-E02-LED-EI-BL3-BZ-BBB-120
- EXHAUST FAN AS PER "NUTONE" Q780 CLG MTD W/ 4"1 ALUM. FLEX DUCT  
TO EXTERIOR WALL VENT CAP, OR EQUAL, TYPICAL
- 21W LED HI-HAT CANOPY MOUNT, AS SELECTED  
BY OWNER
- SWITCH/FIXTURE WIRING
- NON-SWD NEC 100-12F WIRING

#### Lighting Controls.

Lighting systems shall be provided with controls as specified in  
Sections below:  
Exceptions: Lighting controls are not required  
for the following:

- Areas designated as security or emergency areas that are  
required to be continuously lighted.
- Interior exit stairways, interior exit ramps and exit  
passageways.
- Emergency egress lighting that is normally off.

#### Occupant Sensor Controls.

Occupant sensor controls shall be installed to control lights in  
the following space types:

- Classrooms/lecture/training rooms.
- Conference/meeting/multipurpose rooms.
- Copy/print rooms.
- Lounges.
- Employee lunch and break rooms
- Private offices.
- Restrooms.
- Storage rooms/building services rooms.
- Janitorial closets/building maintenance rooms.
- Locker rooms.
- Other spaces 300 square feet or less that are enclosed by  
floor-to-ceiling height partitions.
- Warehouses.

#### Occupant Sensor Control Function.

Occupant sensor controls in spaces other than warehouses  
specified above shall comply with the following:

- Automatically turn off lights within 30 minutes of all  
occupants leaving the space.
- Be manual on or controlled to automatically turn the lighting  
on to not more than 50 percent power.

Exception: Full automatic-on controls shall be permitted to  
control lighting in public corridors, stairways, restrooms,  
primary building entrance areas and lobbies, and areas where  
manual-on operation would endanger the safety or security of the  
room or building occupants.

- Shall incorporate a manual control to allow occupants to turn  
lights off.

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**ELECTRICAL LIGHTING PLAN**

DAVID J. ROYAL  
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Lake City, Florida - 386-752-4870

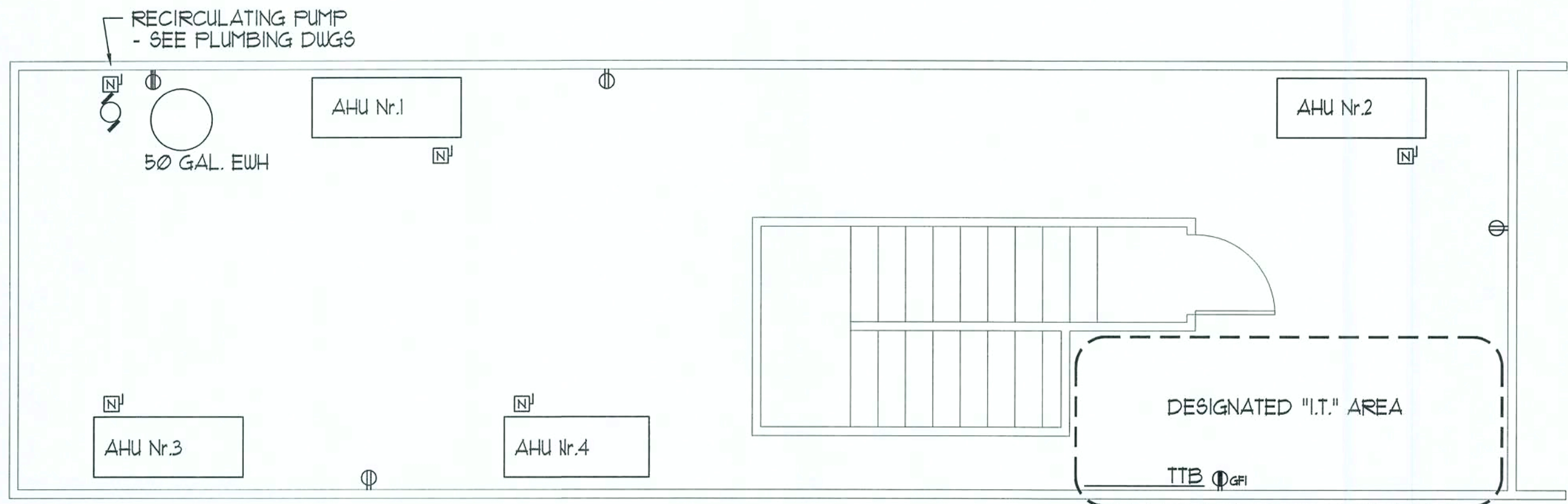
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27 JUN 2019

SHEET:  
E.2  
2 OF 3

AR0007005





## MEZZ. POWER PLAN

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

### SPECIAL ELECTRICAL REQUIREMENTS FOR IT ROOM:

TWO NEMA 16-30 RECEPTALS ARE REQUIRED AT THE BOTTOM OF EQUIPMENT RACKS

ONE POWER QUAD RECEPTAL IS REQUIRED ON EACH WALL

PROVIDE TWO RACK MOUNTED 5000 VA UPS BATTERY PACKS

A SINGLE GROUND BUSS BAR IS REQUIRED

THREE 19" FLOOR MOUNTED RACKS SHALL BE REQUIRED.

A LADDER RACK IS REQUIRED ALL AROUND THIS ROOM.

PROVIDE FOUR 48 PORT PATCH PANELS.

### DATA FACEPLATE JACK SPECIFICATIONS

Each telephone/data communications outlet (TCO) shall consist of a blank and three data multi pin jacks for a quadruplex outlet mounted with a faceplate that shall be industrial grade plastic with clear permanent labels. The TCO, except wall phones, shall be triplex type jacks, with a four position, flush mounted faceplate. The quadruplex wall outlet shall include three jacks with a minimum eight position RJ45 female type unkeyed (sometimes called centered keyed) jacks, labeled and designated for telephone/data only. The TCO shall support the following minimum operating parameters:

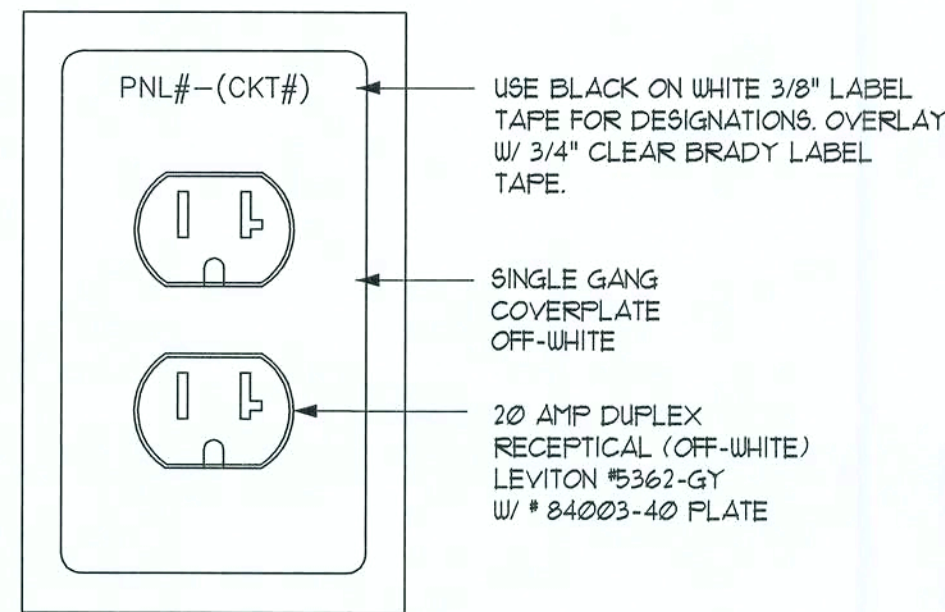
1. Isolation (outlet-outlet) 24 db
2. Impedance 600 ohms, balanced
3. Signal Level 0 db per milli-volt (dBmV) + 0.1 dBmV
4. System Speed Minimum 120 Mbps
5. System Data Error Minimum 10 to the -8 Bps

Labeling of the workstation outlet jack shall include patch pane number and port number of the patch panel and shall be done with permanent sharpie type marker Sharpie Ultra-Fine Point SHPE23 BK.

#### OUTLET PREFERRED EQUIPMENT LIST:

W50 Color of Choice is Fog White

Ortronics Face Plates	OR-40300158
Ortronics Single Cat 6 Jack	OR-521600
Ortronics Dual Cat 6 Jack	OR-522600
Ortronics 24 Port Patch panel	OR-FHD66U24
Ortronics 48 Port Patch panel	OR-FHD66U48
Porta System Building Entrance Terminal (IDF)	Series 24 BET - 60 inputs
Porta System Main Dist. Frame (IDF)	Series 508P
Allen Tel Flush mounted wall jack	AT219-4 (Cat 5)
Chatsworth 19" Standard Rack 3" Deep	55053-103
Chatsworth Universal Horizontal Cable Manager	30130-115
Chatsworth Global Vertical Cabling	30130-103
Sharpie Ultra Fine Point	SHPE 23 BK



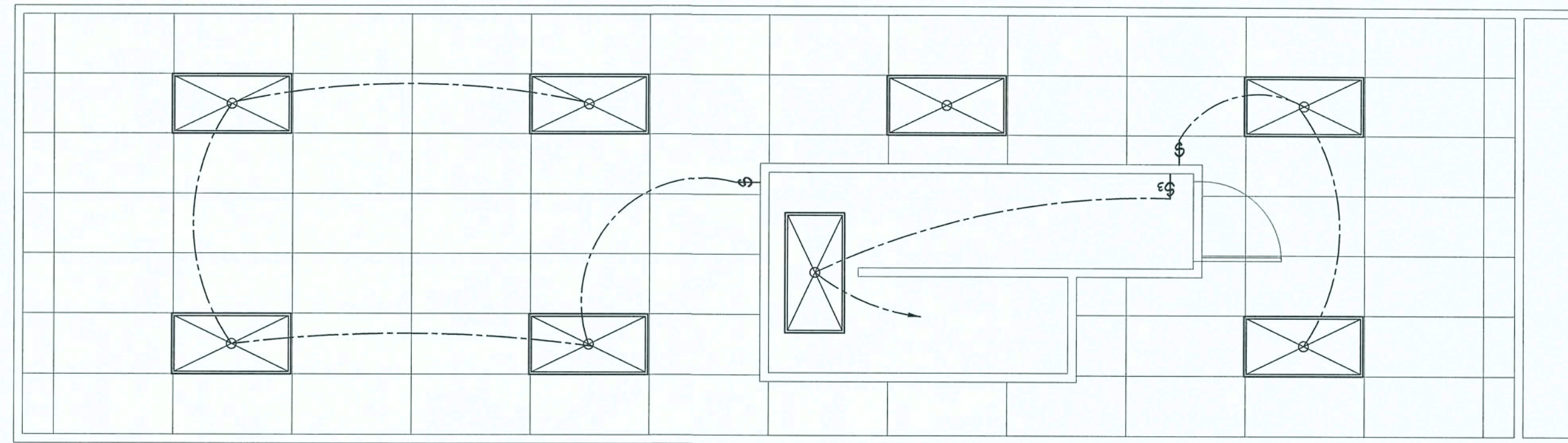
PNL# = Identifying Tag of the Panel  
CKT# = Identifying Number of the Circuit

NOTE:  
INSTALL DUPLEX RECEPTAL AS INDICATED,  
POSITIONED WITH THE GROUND HOLE DOWN.

## OUTLET IDENTIFICATION DET.

SCALE: NONE

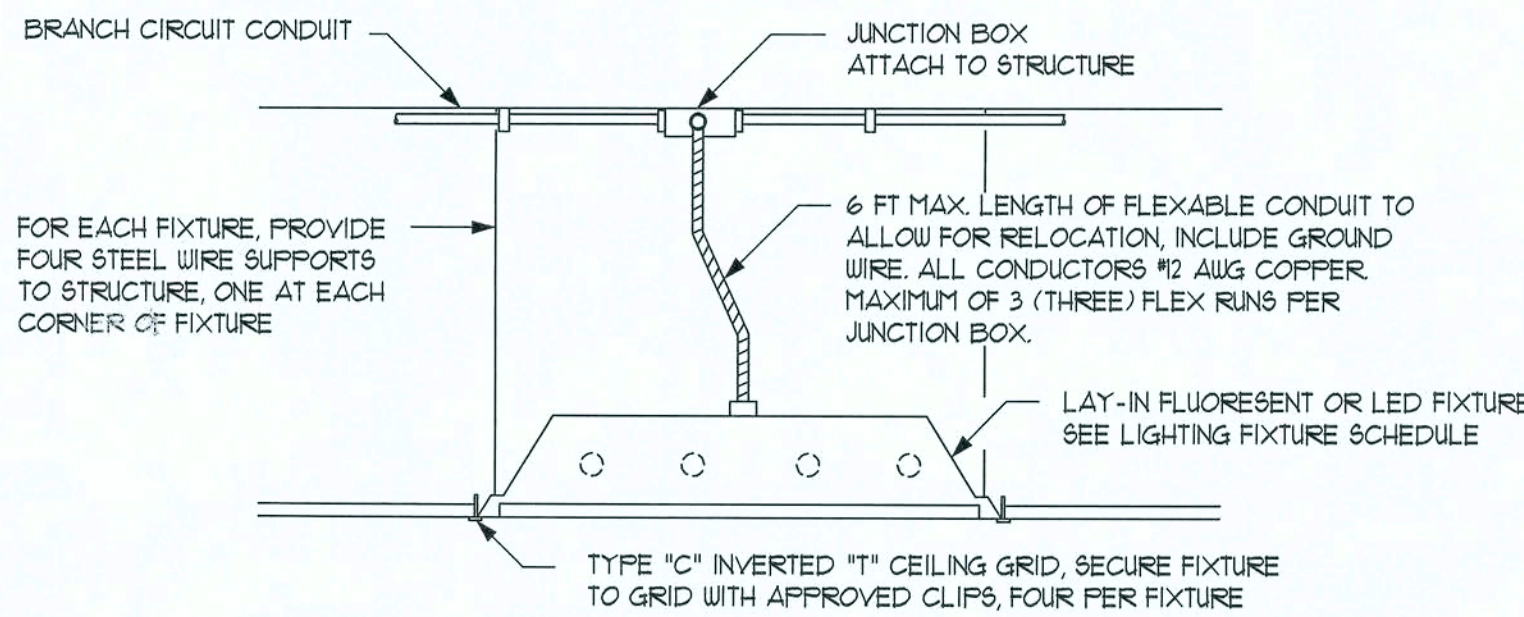
PNL "L": 400A - MLO - 120/208V - 3P - 5W 10K A.I.C. - FLUSH - 42 SLOT																	
CIR. N°	LOCATION	TRIP/POLES	WIRE SIZE	LOAD	#A KW	#B KW	#C KW	LOAD	WIRE SIZE	TRIP/POLES	LOCATION	CIR. N°					
1	GEN. PURP. REC.	20A/1P	12TW	120	120			0.12	1/2TW	20A/1P	GEN. PURP. LTG.	2					
3				120			0.12	4									
5				120		120	0.12	6									
7				120			0.12	8									
9				120	120			0.12				10					
11				120				0.12				12					
13				120	120			0.12				14					
15				120		120		0.12				16					
17				120			120	0.12			RESTROOM LTG.	18					
19				120	144			0.36			WAITING HI-HATS	20					
21	EUC			120		156		0.36			WAITING HI-HATS	22					
23	SERVING AREA			0.36			0.12	0.36			BUS. OFF HI-HATS	24					
25	REF			120	120			0.60			PHARMACY LTG.	26					
27	O/S REC			0.36		0.12		0.36			MEETING RM. LTG.	28					
29	TTB			0.54			108	0.54			SPARE	30					
31	I.T. REC			120	174			0.54				32					
33	I.T. REC			120		174		0.54				34					
35	RESTROOM REC.			0.12			126	0.54				36					
37	SPACE			0.0	19.53			19.53	3/10THU	120A/3P	PANEL "P"	38					
39				0.0				19.53	"	"	W/ CIR N-38	40					
41				0.0				13.40	"	"	W/ CIR N-38	42					
#A 23.91 KW / 120 V = 249.25 AMPERS					23.91	20.95	2126										
#B 28.95 KW / 120 V = 241.25 AMPERS																	
#C 2126 KW / 120 V = 177.17 AMPERS																	
FEEDER SIZE: 3 * 350MCM - THW - Cu, 1 * 250MCM - THW - Cu - Neut. 1 * 2 - Cu - GND, 3/4" C.																	



## MEZZ. LIGHTING PLAN

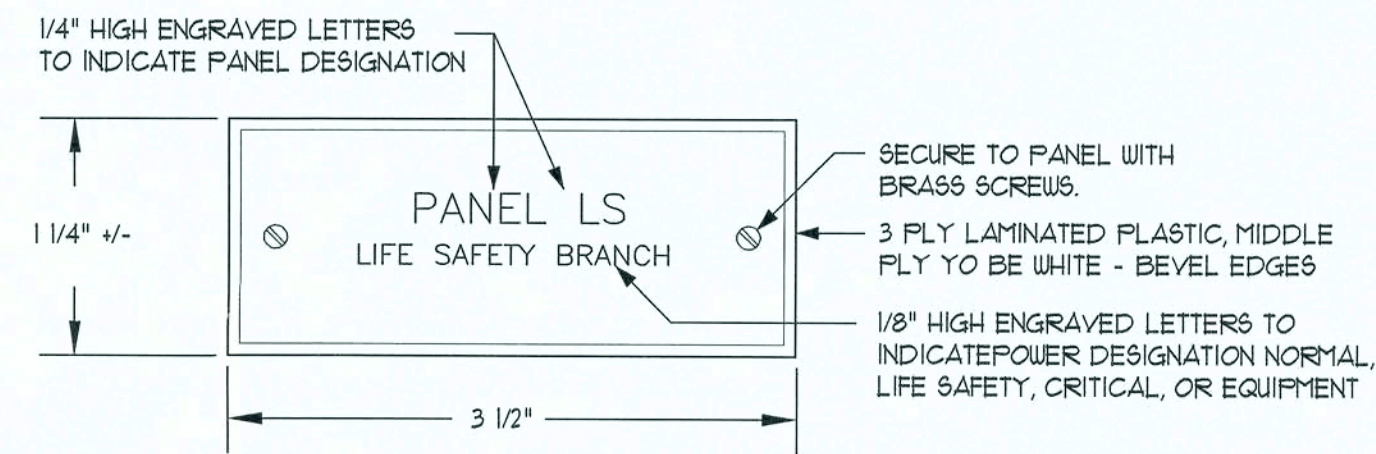
SCALE: 1/4" = 1'-0"

NOTE:  
EMERGENCY LIGHTING AND EXIT SIGNS, SHALL BE PROVIDED  
AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED  
PER NEC 700-12F.



## TYP. LAY-IN FIXTURE DET.

SCALE: NONE



NOTE:  
PROVIDE NAMEPLATES ON ALL PANELS, TRANSFER SWITCHES, DISCONNECT SWITCHES, AND BRANCH BREAKERS IN SWITCHBOARD. NAMEPLATES SHALL INDICATE PANEL DESIGNATION AND TYPE OF POWER (NORMAL POWER, LIFE SAFETY, CRITICAL, OR EQUIPMENT).

## NAME PLATE DETAIL

SCALE: NONE

PNL "P": 200A - MLO - 120/208V - 3P - 5W 10K A.I.C. - FLUSH - 42 SLOT																	
CIR. N°	LOCATION	TRIP/POLES	WIRE SIZE	LOAD	#A KW	#B KW	#C KW	LOAD	WIRE SIZE	TRIP/POLES	LOCATION	CIR. N°					
1	CU N°1	60A/2P	6TW	(3.18)	5.40			5.40	6TW	60A/2P	AHU N°1	2					
3	W/ CIR N°1			(3.18)		5.40		5.40			W/ CIR N°2	4					
5	CU N°2			(3.18)			5.40	5.40			AHU N°2	6					
7	W/ CIR N°3			(3.18)	5.40			5.40			W/ CIR N°6	8					
9	CU N°3			(3.18)		5.40		5.40			AHU N°3	10					
11	W/ CIR N°9			(3.18)			5.40	5.40			W/ CIR N°10	12					
13	CU N°4			(3.18)	5.40			5.40			AHU N°4	14					
15	W/ CIR N°13			(3.18)		5.40		5.40			W/ CIR N°14	16					
17	SPARE			1.08			2.16	1.08			SPARE	18					
19	EWH	30A/2P	10TW	2.25	3.33			1.08				20					
21	W/ CIR N°19			2.25		3.33		1.08				22					
23	RECIRCULATING PUMP	20A/1P	12TW	0.36			1.44	1.08				24					
25	SPACE			0.0				0.0				26					
27				0.0				0.0				28					
29				0.0				0.0				30					
31				0.0				0.0				32					
33				0.0				0.0				34					
35				0.0				0.0				36					
37				0.0				0.0				38					
39				0.0				0.0				40					
41				0.0				0.0				42					
#A 19.53 KW / 120 V = 162.75 AMPERS					19.53	19.53	13.40										
#B 19.53 KW / 120 V = 162.75 AMPERS																	
#C 13.40 KW / 120 V = 111.7 AMPERS																	
FEEDER SIZE: 3 * 3/0 - THW - Cu, 1 * 2/0 - THW - Cu - Neut. 1 * 4 - Cu - GND, 2" C.																	

REVISION:

DRAWN:

DJR

NEW BUILDING RENOVATION FOR:  
**PALMS MEDICAL GROUP**  
PRIMARY CARE OFFICE - 4184 W Hwy. US 90, LAKE CITY, COLUMBIA COUNTY, FLORIDA  
**ELECTRICAL MEZZANINE PLAN, DETAILS & PANELS**

DAVID J. ROYAL  
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**NICHOLAS PAUL GEISLER**  
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E.3  
3 OF 3

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