

CODE CHECKLIST
2007 Florida Building Code
Lot 6, Upland Industrial Park
Alachua, FL

Occupancy (Ch. 3): Office/Warehouse/Light Industrial - To Be Determined @ Application for Build-Out Permits

Occupancy Separation (Table 303.3.2): TBD

Construction Type (Chapter 6): II, B (Metal Building, Metal Framing)

Corridor Fire Resistance Rating (Table 1016.1) N/A - TBD

Maximum Height (Ft. / Stories): Single Story, Max. Ht. 24 Ft.

Allowable Area (Table 503) - Proposed = 10,320 SF (12,000 SF Allowed Max. Per 903.2.3 - Pending Increase for Clearance and / or Sprinklers)

Fire Sprinklers (Chapter 9): N/A - TBD

Fire Alarm (907.2.4): N/A - TBD

Fire Extinguishers (NFPA 10): N/A - TBD

FOUNDATION / SLAB MATERIALS:

Fill - Clean, compactable earth, free of vegetation, clay, debris, and other deleterious materials
Concrete - Transit mixed, min. 3,000 PSI @ 28 days
Rebar - Grade 60, 3" min. cover from soil
Wire Mesh - Welded wire, ASTM A185 or A497
Vapor Barrier - 6 mil. Polyethylene
Anchor Bolts - A307 or A36 steel, w/ heavy washers, number and size per metal building mfr. / engineer. AB's to have heads or welded nuts at bottom

FBC SECTION 1603.1.4 DATA:

Basic Wind Speed: 100 MPH
Importance Factor: 1.00
Building Category: II
Wind Exposure: B
Internal Press. Coef.: By MBM
C and C Pressures: By MBM

GENERAL NOTES & REQUIREMENTS:

- All construction shall comply with the 2007 FLORIDA BUILDING CODE w / Amendments, and with all applicable local codes and ordinances.
- All footing excavations shall be carried to firm, undisturbed soil, or to properly compacted earth fill, to the minimum depth indicated.
- A soil bearing pressure of 2,000#/SF is assumed in the foundation design. Contractor shall confirm said bearing value by independent testing laboratory. Notify architect of any variation prior to proceeding.
- All earth under slabs shall be compacted to 95%, per approved independent testing laboratory.
- All earth under slabs, and around perimeter of slabs shall be treated by an approved, Florida licensed applicator. Provide 1 year guarantee, renewable for 5 years.
- All critical dimensions, as well as data pertaining to the pre-engineered building, shall be verified with the Metal Building Manufacturer / Florida Registered Design Engineer.
- Foundation is designed, and the metal building shall be designed to resist forces from 100 MPH winds, per the 2004 Florida Building Code.
- These drawings are intended for use in constructing foundations / slabs on grade, for coordination of the columns / column anchor bolts, concrete masonry walls, exterior window and door openings, and special exterior wall panels. The structure to be erected on said foundation shall be a pre-engineered, pre-fabricated metal building package, designed and manufactured by a qualified firm, in full accordance with applicable codes and the current published specifications of The Metal Building Manufacturers Association, Recommended Design Practices. The structure shall be designed, and shall be certified by a qualified, Florida licensed structural engineer.
- All critical dimensions and other data relative to the metal building structure, and specifically to required anchorage devices to be embedded in the concrete slab / foundations, shall be verified with the metal building manufacturer / engineer, including anchor bolts size and placement, layouts and details.
- All work other than that shown or described on the drawings and / or described here-in shall be require a separate permit, permit documents, etc., by others.
- The structure shall be located, and site improvements shall be as set forth on the approved Site Plan, by others.

OUTLINE SPECIFICATIONS:

Division 1 - General:

- A. Scope: The scope of this Project includes all permits, labor, materials, taxes, insurance, and miscellaneous costs, as required, to furnish a complete job, including but not limited to: preparation, layout, control barriers, safety measures, clearing, fill, grading, compaction, disposal of waste, construction of a new facility, and clean-up and completion, all as shown on the Drawings and Specified here-in.
- B. Extent: The Project intent is to construct a STRUCTURAL SHELL BUILDING, with FINISHED EXTERIOR, including miscellaneous fill and grading, and on-site utilities rough-in only. Interior finishing, including any required HVAC, Plumbing, and Electrical systems, will be executed in future, in accordance with approved documents to be permitted separately.

Division 2 - Site Work (SEE CIVIL DOCUMENTS)

Division 3 - Concrete: See structural Details and Notes. All concrete shall be transit mixed, min. 3,000 psi @ 90 days. Provide and apply a chemical curing compound following finishing. Finish shall be smooth troweled.

Divisions 4 - Masonry: Furnish and install standard weight concrete masonry, plain and split faced, as shown on the drawings and specified herein. Provide required accessories, including pre-mix mortar, horizontal (ladder type) horizontal reinforcing - w/ min. 8" laps, corner, and "T" accessories, etc.. All work to be performed by trained, skilled workers.

Division 5 - Metals: Furnish and install pipe-bollards, per the drawings and details. All steel shall be shop primed and finish painted (color by Owner).

Division 6 - NOT USED

Division 7 - Moisture Protection: (SEE DIV. 13 FOR METAL BUILDING INSULATION)

Division 8 - Doors and Windows: Hollow Metal doors and frames shall be min. 16 ga. steel, bonderized and primed (galvanized at exterior locations). Provide with 1 1/2 pr. Butts, silencers, locksets sets as appropriate to location / use, thresholds, and miscellaneous hardware as required. Doors shall be squarely and accurately fit and hardware shall function smoothly and freely. Storefront shall be standard "trim-line" aluminum, w/ 2" x 4" storefront frames / sidelights w/ 1/4" tempered glazing. Provide standard hinges, weather stripping, threshold, loser, and deadbolt / push and pulls. Roll-up doors shall be galvanized steel, interlocking, slats, with steel jamb guides, torsion bar coiling device, chain operation, sliding base locks w/ padlocking capability, and bottom weather seal. RUD's shall comply with all applicable codes and shall be capable of resisting 100 mph winds in accordance with the Florida Building Code. Windows shall be commercial weight aluminum, single hung, w/ min. 3/8" insulated glazing. ALL Storefront and Windows shall be furnished in the specific finish / color as directed by the Owner.

Division 9 - Finishes: All materials shall be factory primed and / or painted, except as noted otherwise. All exterior masonry shall be primed with a dense acrylic sealer, and finish coat(s), as required to repel moisture and provide good coverage, (NOTE: All finishes, colors, etc. shall be selected by the Owner)

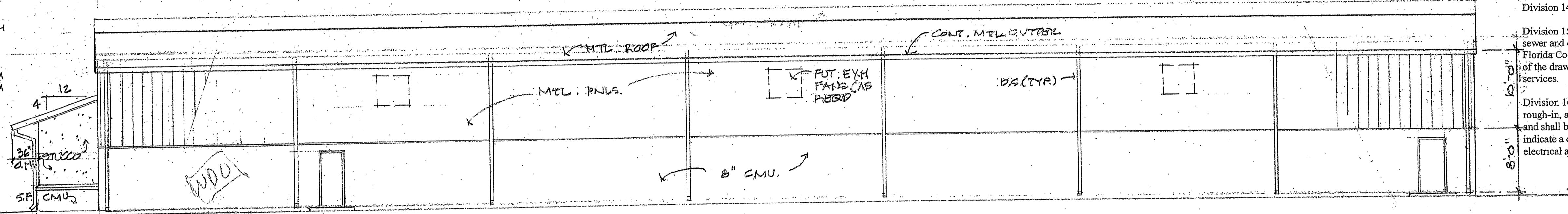
Division 10, 11, and 12 - NOT USED

Division 13 - Special Construction: Provide and erect a complete Pre-Engineered Metal Building package, including, but not necessarily limited to: engineering and design, fabrication and erection drawings, fabrication and delivery of building package and accessories- including 4" (R-11) scrim faced metal building insulation (ALL walls and roofs). The PMB shall consist of manufacture standard building components, including wall panels, galvalume roof (verify type - "standing seam", "standard lap seams", etc., w/ Owner, gutters and downspouts, trims, closures, hardware and fasteners, etc., as required. Provide flush, "stucco" finished wall panels, 20 ga., G-90 galvanized, baked-on coil coat finish both sides, w/ matching base, corners, and window trims, all w/ a special textured coating of fiber reinforced polymer and crushed aggregate composition, oven-baked to the primed steel panel / trims. "Stucco" texture and color to be selected by Owner. Panel system equal to that produced by Custom Panel Systems, St. Louis, Missouri. Building erection shall be provided by experienced, trained, manufacturer approved personnel, in accordance with best industry standards.

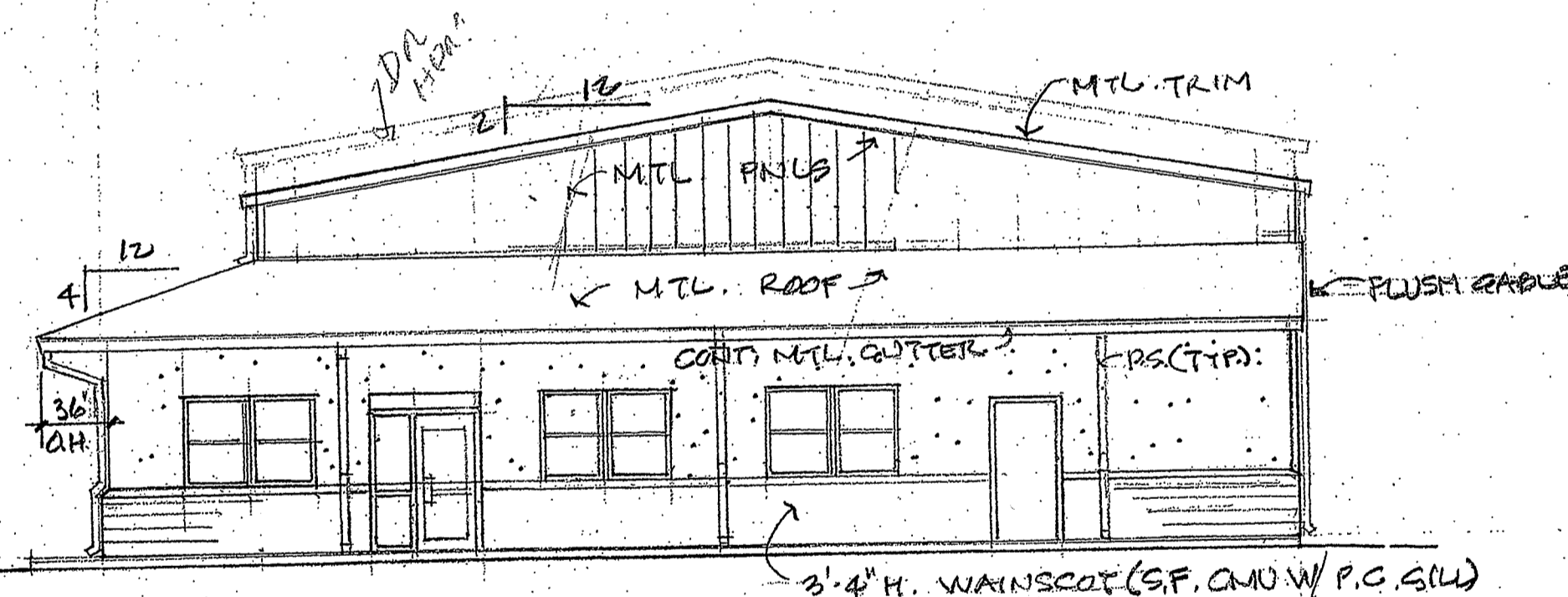
Division 14 - NOT USED

Division 15 - Mechanical: Furnish and install all plumbing rough-in, for building sanitary sewer and domestic water, as shown on the drawings. All work shall comply with current Florida Codes and work shall be performed by skilled, experienced workers. The intent of the drawings is to provide a basic rough-in piping system for future installation of services.

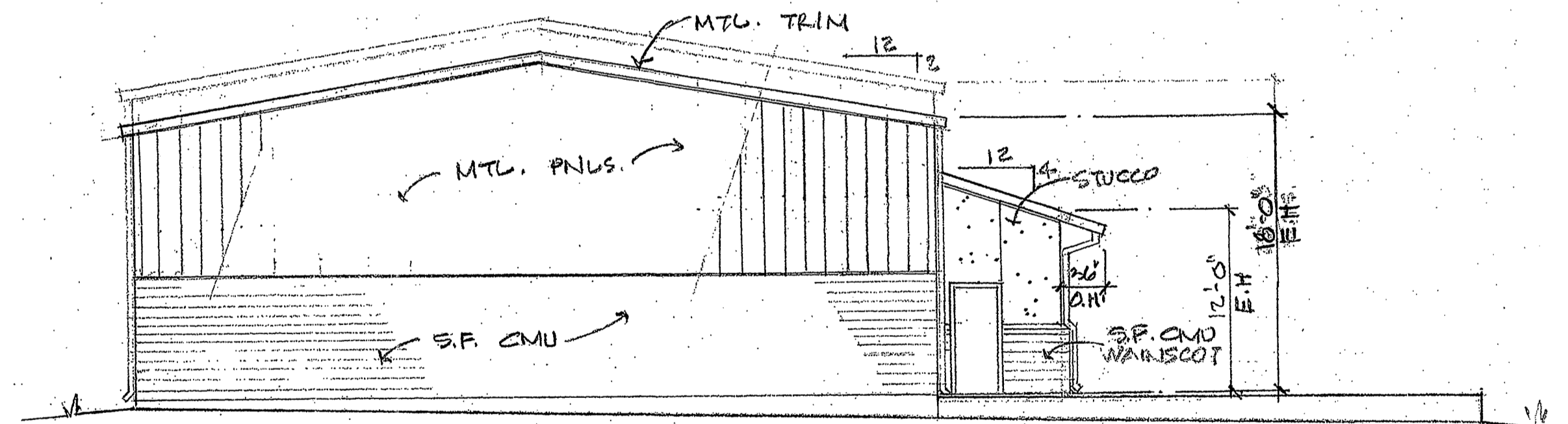
Division 16 - Electrical: Furnish and install all electrical and communications conduit rough-in, as shown on the drawings. All work shall comply with current Florida Code, and shall be performed by skilled, experienced workers. The intent of the drawings is to indicate a complete rough-in conduit system to allow for the future extension of separate electrical and communications services.



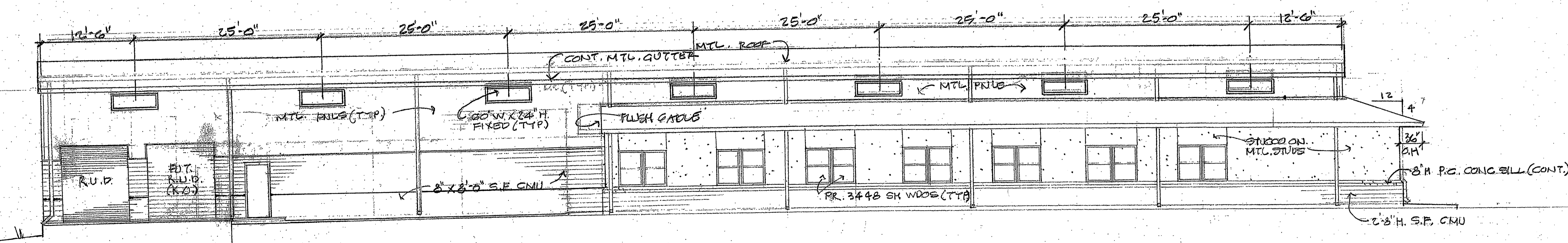
SOUTH ELEV. 1/8"=1'-0"



WEST ELEV. 1/8"=1'-0"



EAST ELEV. 1/8"=1'-0"



NORTH ELEV. 1/8"=1'-0"

DRAWN

APPROVED

ELEVATIONS, BLDG. CODE DATA, NOTES & DATA, OUTLINE SPECS

JOB TITLE: COMMERCIAL SHELL BLDG. LOT # 6, UPLAND COMM. PARK ALACHUA, FL

JAMES MCCINLEY - ARCHITECT A.R. 4417

FILE NO: 09101
DATE: 3-20-09
SHEET: 7
OF 8