

Chronological Order of Events in the Construction of Rinker Hall [2001-2002]

University of Florida

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- 8.16.01 >Official groundbreaking was held.
- 10.12.01 >GMP submitted
- 10.24.01 >Actual and revised GMP submitted. Centex Rooney began preparing bid scope packages upon receipt of the 100% Site/Site Utilities documents.
- 11.06.01 >Pre-Bid conference held for Group 1, which included (1) Sitework, Utilities (2) Site Mechanical and (3) Site Electrical.
- 11.12.01 >Notice to proceed. Centex Rooney began mobilizing to the Rinker Hall site.
>Later in the week a 6'-0" temporary construction fence was installed.
- 11.13.01 >Bids were received for Group 1.
- 11.26.01 >Construction Documents received for CC/GEA.
- 11.27.01 >Centex Rooney began preparing bid scope packages upon receipt of the 100% Construction Documents.
- 12.05.01 >Removal of existing parking lot at Rawlings Hall. Clearing and Grubbing, and removal of trees.
>Centex Rooney puts name on trailer. Pre-Bid conference held for Group 2, which included (4) Cast-In-Place Concrete and (5) Struc. Steel/Misc. Metals.
- 12.12.01 >Bids were received for group 2.
- 12.19.01 >Pre-Bid conference held for Group 3, which included (6) Masonry/ Arch. Precast, (7) Hydraulic Elevator, (8) Plumbing, (9) HVAC,(10) Fire Protection and (11) Electrical.
>Revision no.1 was received which included architectural, structural, MEPP, and full-size drawings (90%) sheets.
- 12.17.01 -
1.01.02 >Work on site is stopped due to lack of foundation permit.
>Winter break for students.
- 12.31.01 >Connection to the existing water lines required a shut down.
>Coastal Mech. Contractors was awarded the site chilled water, steam and condensate.

[Picture taken 11.26.01]



[Picture taken 12.07.01]



- 1.04.02** >Bids were received for group 3 with the exception of Electrical due to revision no. 3 received 01.02.02.
- 1.15.02** >Bids were received for Electrical, bid package no. 11.
>Work on the steam and chilled water piping began.
- 1.16.02** >Pre-Bid conference held for Group 4, which included (12) Caulking/Watrprf., (13) Ltwt Insul Concrete, (14) Metal Wall Panels, (15) Glass/Glazing/Skylt., and (16) Doors/Frames/Hdwr.
- 1.17.02** >Foundation permit was issued. Work resumes on site.
- 1.24.02** >Bids were received for Group 4.
>Insulation was added to chilled water piping.
- 1.25.02** >Formwork was assembled for elevator pad.
- 1.29.02** >Steam pipe was delivered and stored.
- 1.30.02** >Rebar was placed for the elevator pad.
- 1.31.02** >Elevator pad was poured.
>Rep. from UFS inspected rebar for elevator pit.
- 2.04.02** >Foundation pads were excavated col. lines 2 and 3 from C to Mech. room.
>Rebar was placed on line 4 between col. G to I.
- 2.06.02** >Pre-Bid Conferences held for Group 5, which included (17) Drywall/Insul/Metal Frmg and (18) Acoustical Ceilings.
>Rep. from UFS inspected rebar on line 4 between col. G to I.
>Stepped foundations at col. line 4, G to I line were poured.
>Rebar was installed along retaining wall foundations at Mech. room.
- 2.08.02** >Work is halted due to the finding of asbestos around the steam pipes.
- 2.11.02** >Rep. from UFS inspected foundation rebar on line 4 between col. lines I to J and from col. lines 4 to 3 on line J.
- 2.12.02** >Bids received for 17 and 18 of Group 5.

[Picture taken 1.16.02]



[Picture taken 1.31.02]



[Picture taken 2.06.02]



- 2.14.02** >Rep. from UFS inspected Rawling steam bypass (# 11652-2,11652-3, 11652-4).
>Welds were also inspected.
>Coastal completed chilled water installation east of building from G line to C line.
>Rebar was also inspected at:
-Foundation cont. on line 3 between Y to K.
-Isolated foundations: F-2, E-2, D-2, C-2, F-3, E-3, D-3, C-3.
-Foundation for the storm water vault.
-Isolated foundations: 4.2-E, 4.2-D, 4.2-C.
>Col. line j from 4 line to 2 line foundations and rainwater harvesting vault foundations poured.
>Pad foundations at col. 2, 3, and 4 from C to F line were poured.
- 2.15.02** >Work is completed on removal of asbestos.
>Watson Construction installed precast storm structures and RCP at S-1 and S-2.
- 2.18.02** >Foundation rebar inspected on line 4 col. line G to J.
>Foundation rebar inspected on line J col. line 4 to 3.
>Completion of bentonite waterproofing on elevator walls.
- 2.19.02** >Building Permit was issued.
>The north-south retaining wall from G to J and the east-west retaining wall along the J line was poured.
- 2.20.02** >Group 5 pre-bid conferences held at CRCC jobsite trailer for roofing.
- 2.21.02** >Steam shutdown of Rawlings Hall
>Foundation rebar was inspected at following locations:
-Line 4 between Y to M
-Line K.5 between 3.4 to 3
-Column K-3.4
-Between 4 to 3.4 between L to M
- 2.25.02** >Inspection of 8' vault wall on column lines 2 to 3 and K to K.5
- 2.26.02** >Foundation rebar was inspected from col. lines 1 to 2 on line K, and K to Y
>Retaining wall of the gray water holding tank and south stair foundation was poured.
>Site wall foundation was poured along the south property line.
>Bids received for Bid Package 19, Roofing.
- 2.27.02** >Pre-bid Conference held at UF Hotel and Conference Center for Group 5 which includes Bid Package nos. 20,21,22,Millwork, Ceramic Tile, and Painting.

[Picture taken 2.14.02]



[Picture taken 2.14.02]



[Picture taken 2.19.02]



[Picture taken 2.26.02]



- 2.28.02** >Rebar was placed for serpentine masonry site wall along the south property line.
- 3.01.02** >Rebar inspection at the site of the retaining wall foundation.
>Rebar inspection also at 0' to 8' wall on col. line 6 between lines Y to K and on col. line k between column lines 1 to 2.
- 3.06.02** >Foundation rebar was inspected at col. lines G-1, G-2, G-3.
- 3.07.02** >Verified proper placement of reinforcing in prop. col. foundations: B-1, C-1, D-1, D.5-1.
- 3.08.02** >Verified placement of reinforcing in Cast-in-Place Wall on col. line A between col. lines J and M.
>Verified placement of reinforcing in retaining wall.
>Completion of primary electric conduit and chiller line work at Inner Road crossing.
>Completion of serpentine masonry site wall along the south property line.
- 3.11.02** >The driving of the elevator shaft began.
>UF issued change order no. 1.
- 3.12.02** >The driving of the elevator shaft finished.
>Verified placement of reinforcing in retaining wall on col. line K between col. lines 3 and 3.5 and plinth at co. M-4.
- 3.13.02** >Verified placement of reinforcing in prop. col. foundations: E-1, F-1, H-1, I-1, H-3, I-2, I-3 and J-2.
- 3.14.02** >Verified placement of reinforcing in prop. Cast-in-Place wall between col. lines K,5 and M and between col. lines 3.5 and 4. Secondary wall on col. line 3.5 between col. lines K and K.5.
>Verified placement of reinforcing in proper stair foundation at south.
>Bids received for Group 5.
- 3.15.02** >Pouring of the Mechanical Room walls finished
- 3.18.02** >Structural steel was delivered and stored on construction site.
- 3.19.02** >9 steel columns (east) went up including the beams and joists for the 3 floors.
>Formwork for the pouring of the concrete walls was picked and hauled off.
- 3.20.02** >5 more columns (west) went up including the beams and joists for the 3 floors.
>Steam and chilled water finished.
- 3.21.02** >3 steel columns went up including the beams and joists for the 3 floors.
>More steel was delivered and stored.

[Picture taken 2.28.02]



[Picture taken 3.08.02]



[Picture taken 3.11.02]



[Picture taken 3.18.02]



- 3.22.02** >Welding and tightening of the connections was done.
>Steel was delivered at approx. 7:00 a.m.
- 3.25.02** >7 steel columns were put up.
- 3.26..02** >9 steel columns were put up at approx. 9:00 a.m.
- 3.27.02** >The remaining beams and joists were put into place.
>More steel was delivered and stored.
- 3.28.02** >Eleven columns were placed, which includes 3 columns that were placed in the Mech. area.
>The column for the conference room could not be placed due to an existing steam pipe that was discovered.
- 3.29.02** >The oak tree, on the west side of the site, was trimmed.
- 4.01.02** >The rest of the beams and joists were put into place. Welding at the moment connections continued.
>Slab edge angles were installed completing 2nd floor areas.
- 4.04.02** >A solution was found pertaining to the last column footing. A cantilever type system has been devised as to not put weight on the existing pipe. Two holes will have to be dug that will be connected by a concrete beam.
>The section where the column will rest was poured.
- 4.08.02** >More rebar was placed for remaining column footing.
>Grout was placed under the column plates.
>Dampproofing installed on the outside of the west wall of Mech Room.
- 4.10.02** >The 2nd section of the cantilever system was poured.
>Cox Concrete finished laying down the rebar for the construction yard wall and poured the foundation.
- 4.11.02** >Trinity Fabricators began setting the steel tube columns for the brick facade on the south side of the building.
- 4.15.02** >Trinity Fabricators began installing the metal decking for the 2nd floor.
>Allen Spear began installing the masonry wall for the construction yard.
- 4.16.02** >The last steel structural beam that was signed by the students was set into place.
>Miller Electric began underground work and on the slab-on-grade.
>All Florida Electric continuing installing the primary feed south of the music building.
- 4.19.02** >Cox Concrete began laying rebar on the 2nd floor to be poured next week.
>Trinity Fabricators began installing the metal decking for the 3rd floor.

[Picture taken 3.22.02]



[Picture taken 3.28.02]



[Picture taken 4.04.02]



[Picture taken 4.10.02]



[Picture taken 4.15.02]



- 4.24.02** >The 2nd floor was poured.
>Cox Concrete began preparing the 3rd floor to poured next week.
>WW Gay began installation of ductwork hangers and sleeves at the 2nd and 3rd floor elevated slabs.
>Encompass/Ray's plumbing began underground work at slab-on-grade.
>Owner recognized the need for additional space in the mechanical room and agreed to move the south wall of the MEPP studio to the north.
- 4.25.02** >Trinity Fabricators began installing perimeter tube steel framing on the 2nd floor.
- 5.01.02** >The 3rd floor was poured.
- 5.06.02** >Coastal Mechanical began the Newell Road crossing work for the new steam lines.
>Trinity Fabricators completed installation of the 3rd floor tube steel framing.
- 5.09.02** >Cox Concrete prepared to pour the slab-on -grade for the main 1st floor area, which included below grade radon protection work.
>Elastizell installed the ventilated roof deck for the lightweight concrete.
- 5.10.02** >Grading /fill of the mechanical room was completed.
>MEP underground work continued for the slab-on-grade. EH&S inspected the work accordingly.
- 5.13.02** >Carriers were set in place on the 1st floor.
>EH&S issued a stop work order for the fire protection system design due to discrepancies found through a peer engineer's review.
- 5.14.02** >New chilled water line was tapped to the existing lines across Inner Road and the man-hole was installed
- 5.15.02** >The 1st section of the 1st floor slab-on-grade was poured.
>Mac Drywall mobilized and began the layout of the 2nd floor and began installing the interior metal studs.
- 5.16.02** >Framing for the skylights at the roof began.
>Steam pit slab was poured in the mechanical room.
- 5.17.02** >The 2nd section of the 1st floor slab-on -grade was poured.
>A.G. Mauro/Centre Construction installed the hollow metal door frames for the masonry walls.
- 5.20.02** >Exterior metal studs at the roof level was completed.
>Allen Spear began instaling the masonry walls on the 1st floor.
>Cox Concrete poured the diamonds at the column bases at the slab-on-grade.

[Picture taken 4.24.02]



[Picture taken 5.01.02]



[Picture taken 5.10.02]



[Picture taken 5.15.02]



[Picture taken 5.20.02]



- 5.21.02 >Coastal Mechanical installed the manhole at the chilled water line connection across Inner Road.
>Exterior metal stud work began along the south facade and at the mechanical room.
- 5.28.02 >Asbestos removal began.
- 5.29.02 >Watson Construction began backfill work at the construction yard.
- 5.30.02 >Cox Concrete poured the bases at the galvanized steel tubes for the brick facade wall.
- 5.31.02 >Exterior sheathing was completed at the skylight curbs and roof parapet.
>PPD completed the new insulation work at the existing steam line north of the building.
>Asbestos removal completed.
- 6.03.02 >Elastizell completed tapered insulation .
- 6.04.02 >Lightweight concrete work at the main roof and at the mechanical roof began.
>Allen Spear completed interior masonry walls.
>Brown Automatic installed the fire line feed into the mechanical room.
- 6.05.02 >Peach State Roofing delivered TPO roofing material to the roof in preparation for the roofing work.
- 6.06.02 >Mac Drywall completed the stud work of the tube steel frames at the perimeter of the 3rd floor and began work on the 2nd floor.
>Firesafing for perimeter slabs delivered.
>Interior metal studwork at 3rd floor began.
>Encompass/Ray's Plumbing completed rainwater leader work.
>Miller Electric completed the electrical ductbank and backfill work at the construction yard.
- 6.10.02 >Encompass/Ray's plumbing completed underground at the mechanical room.
- 6.11.02 >Peach State Roofing began installation of the TPO roofing.
>Trinity Fabricators installed stairs on the west side of the building.
>Coastal Mechanical completed the steam and condensate tie-in at the building.
- 6.13.02 >Interior metal framing work has begun at the 3rd floor.*
- 6.17.02 >Installation of door frames began on the 1st floor.*
- 6.18.02 >Interior north stairs and handrails completed.
>Underground electrical began at the mechanical room in preparation for mechanical room slab pour.
>All Florida Electric began ductbank work crossing Stadium Drive to Substation No. 3.
>Cox Concrete poured the 155 deck at the south stair/mechanical room area.
- 6.19.02 >Pre-bid Conference was held for Misc. Specialities and for Landscaping and Irrigation.

[Picture taken 6.03.02]



[Picture taken 6.06.02]



[Picture taken 6.18.02]



- 6.20.02 >Mac Drywall began installing the exterior sheathing with vapor barrier.
- 6.24.02 >Interior metal stud framing began at 1st floor.*
>Peach State roofing began installation of roof membrane at the mechanical room.*
>Cental stairs, adjacent to elevator, was poured and screeded.
- 6.26.02 >Brown Automatic began installing sprinkler piping at the 2nd floor.
>Fire lines tested to complete hydraulics for the fire protection system.
- 6.27.02 >Mechanical equipment arrived at site such as fans, VAV boxes and switch gear.
>All Florida completed all primary duct bank work and began installation of the switch pit.
>Bids were received for Misc. Specialities.
- 7.10.02 >EH&S lifted the stop work order for the fire protection system design.
- 7.11.02 >Bids were received for Landscaping and Irrigation.
- 7.15.02 >WW Gay installed the air handling units in the mechanical room.*
>Exterior sheathing was completed at all elevations except north elevation.*
>Drywall installation at the fire rated partitions began.*
>Allen Spear began installation of the brick at the construction yard wall.
- 7.16.02 >Cox Concrete installed the house keeping pads at the mechanical room.
>The remaining foundation at the construction yard wall was poured.
- 7.22.02 >Framing for the 2nd floor has been completed by EH&S and PPD.*
>WW Gay installed the air handlers and ERV unit in the mechanical room.
>Glass was received for the 2nd and 3rd floor punched openings.
- 7.23.02 >Cellulose insulation and firesafing work began at the 2nd and 3rd floors.
>Trinity Fabricators installed the atrium stairs and handrails.
- 7.25.02 >Cox Concrete poured the masonry tie beam at the north wall of the construction site yard wall.
- 7.26.02 >Lake Glass began temporary weather protection of the window openings at the 2nd and 3rd floors.
- 7.29.02 >Mac Drywall completed exterior sheathing installation and completed the installation of the Temko weather barrier at south elevation.*
>Framing and drywall was completed at the main electrical room.*
>WW Gay installed the chilled water pumps at the mechanical room.
>Vapor barrier was applied on the east wall.

[Picture taken 6.27.02]



[Picture taken 7.22.02]



[Picture taken 7.29.02]



- 8.01.02 >Cleaning of the steel columns and beams was completed.
>Third floor skylight framing work began.
- 8.05.02 >Lake Glass began installation of the window framing and glass at the 3rd floor, west elevation, and at the curtain wall framing at the elevator shaft/stairs.
- 8.06.02 >Miller Electric installed the communications ductbank at the west side of the building.
- 8.07.02 >Block work began at the north entry sign.
>Allen Spear installed the block and brick at the north elevation of the construction yard wall.
>Meeting was held with Centex Rooney personnel over the mechanical system.
- 8.08.02 >Kistler McDougall began installation of the metal wall panels at the south elevation.
>Mac Drywall completed weather barrier on the south half of the building.
>WW Gay completed ductbank and EH&S witnessed testing at the 3rd floor.
- 8.12.02 >The 3rd floor west elevation installation of framing and glass completed.*
>The framing inspection for the 3rd floor partitions was approved by EH&S, and drywall and insulation work began at the 3rd floor partitions as well.*
>All Florida Electric set the switch and transformer for the high voltage terminations at the construction yard.
- 8.14.02 >Curtain wall glass and glazing work at the elevator/stair completed.
- 8.16.02 >Cox Concrete poured the concrete for the atrium stair treads.
- 8.19.02 >Duct silencers and mechanical room louvers were delivered to the jobsite.*
>Encompass/Ray's Plumbing demobilized until ready to install plumbing fixtures.*
>All Florida Electric completed the installation of the transformer and switch and connections at substation #3.*
- 8.22.02 >Miller Electric pulled cable from the transformer to the electrical room.

[Picture taken 8.06.02]



[Picture taken 8.12.02]



[Picture taken 8.22.02]



* The event occurred during the week of the date.

