

Order Plans @

PLUMBING FIXTURE SCHEDULE					
MARK	FIXTURE, MODEL #, DESCRIPTION	ROUGH-IN			
		WASTE	VENT	CW	HW
WC-HC	WATER CLOSET, HANDICAPPED AMERICAN STANDARD "CADET" #2467.016 WHITE ELONGATED, PRESSURE ASSISTED 1.6 GALLON FLUSH, TANK TYPE WATER CLOSET, OLSONITE #95 WHITE SEAT, CP STOP AND SUPPLY.	3"	2"	1/2"	—
LAV-HC	LAVATORY, WALL HUNG, HANDICAPPED AMERICAN STANDARD "LUCERNE" #0355.012 WITH #7402.172H 6" GOOSENECK FAUCET AND 4" WRIST BLADE HANDLES, 1-1/4" CP P-TRAP, GRID DRAIN, CP STOPS, SUPPLIES. PIPE COLD WATER TO BOTH SIDES.	1-1/2"	2"	1/2"	(2)
DF-HC	DRINKING FOUNTAIN, DUAL LEVEL, HANDICAPPED ELKAY EZ2100C NON-REFRIGERATED DRINKING FOUNTAIN, 1-1/4" 20 GAUGE CP P-TRAP LESS CO, STOP AND SUPPLY, MOUNT LOWER NOZZLE AT 30" A.F.F. FOR ADA COMPLIANCE. PROVIDE WITH #LAKPREZL APRON.	1-1/2"	2"	1/2"	—
WCD	WALL CLEANOUT ZURN Z1441 D.C.C.I., BODY WITH STAINLESS STEEL ACCESS COVER AND SECURING SCREW.	SEE PLAN	—	—	—
FCO	FLOOR CLEANOUT ZURN Z1400 D.C.C.I., BODY ADJUSTABLE TO FINISHED FLOOR.	SEE PLAN	—	—	—
COTG	CLEANOUT TO GRADE ZURN Z1400-HD D.C.C.I., BODY ADJUSTABLE TO FINISHED GRADE WITH HEAVY DUTY TOP. SET IN 24"x24"x8" CONCRETE PAD.	SEE PLAN	—	—	—
FD	FLOOR DRAIN ZURN Z415-69-P 6" FLOOR DRAIN WITH TRAP-PRIMER CONNECTION AND TYPE "B" STRAINER.	3"	2"	1/2"	—
WH	WALL HYDRANT ZURN Z-1300 NON FREEZE WALL HYDRANT WITH POLISHED NICKEL BRONZE BOX AND LOCKING COVER. PROVIDE WITH 3/4" HOSE CONNECTION AND INTEGRAL BACKFLOW PREVENTER. MOUNT AT 18" A.F.F. COORDINATE WITH ARCHITECT.	—	—	3/4"	—
TP	TRAP PRIMER J.R. SMITH 269B WATER SAVER TYPE, CP BRONZE PIPING AND ESCUTCHEON PLATES. ROUTE PRIMER PIPING IN WALL TO FLOOR DRAIN.	—	—	1/2"	—
MSB	MOP SERVICE BASIN FIAT MS92A24 24"x24" MOLDED STONE MOP SERVICE BASIN WITH 830-AA FAUCET, 832-AA HOSE BRACKET AND HANGER.	3"	2"	3/4"	3/4"
EWI-6	ELECTRIC WATER HEATER A.O. SMITH DEL-6 FOAM INSULATED, GLASS-LINED 6 GALLON TANK, THREE (3) YEAR WARRANTY WATER HEATER, 15-1/2" HIGH x 14-1/4" DIAMETER, 3 KW @ 208 VOLT, 1 PHASE ELECTRIC HEATER, U.L. LISTED AND ASHRAE 90.1-2004 APPROVED. SET TEMPERATURE AT 140°F.	—	—	3/4"	3/4"
TMV	THERMOSTATIC MIXING VALVE SYMONS 7-225 TWO INLETS, ONE OUTLET, SET TO 105 DEG. F. VALVE SHALL HAVE INTEGRAL CHECK STOPS, PROVIDE WITH WALL MOUNT.	—	—	1/2"	1/2"

BUILDING WATER DEMAND						
ABBR.	FIXTURE	CW EACH	HW EACH	TOTAL EACH	QTY EACH	TOTAL ALL
WH	WALL HYDRANT	3.0	—	3.0	5	15
TOTAL WSFU						15
TOTAL GPM		17.5 GPM				

WATER DEMAND (TYPICAL RETAIL)						
ABBR.	FIXTURE	CW EACH	HW EACH	TOTAL EACH	QTY EACH	TOTAL ALL
WC-HC	WATER CLOSET - TANK TYPE	3.0	—	3.0	1	3.0
LAV-HC	LAVATORY	—	—	1.5	1	1.5
DF-HC	ELECTRIC WATER COOLER	—	—	0.25	1	0.25
MSB	MOP SERVICE BASIN	3.0	—	3.0	1	3.0
TOTAL WSFU						10.75
TOTAL GPM		15.4 GPM				

PLUMBING GENERAL NOTES

- THE REQUIREMENTS OF THE GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS SHALL APPLY TO ALL PLUMBING WORK. INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2009 INTERNATIONAL BUILDING CODE, STATE AND LOCAL CODES AND THE LATEST AMENDMENTS THERETO.
 - THE WORK COVERED BY THIS CONTRACT CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND SERVICE NECESSARY FOR AND REASONABLY INCIDENTAL TO THE PROPER COMPLETION OF ALL PLUMBING WORK SHOWN ON THE DRAWINGS AND SPECIFIED. MATERIALS OR PRODUCTS SPECIFIED BY TRADE NAME, MANUFACTURER'S NAME OR CATALOG NUMBER SHALL BE INTERPRETED AS ESTABLISHING A STANDARD OF QUALITY AND DESIGN. SUBSTITUTIONS SHALL NOT BE ALLOWED UNLESS THEY ARE SUBMITTED FOR REVIEW TO USE AND APPROVED BY THE ARCHITECT. FIXTURES BY ELJER, KOHLER OR AMERICAN-STANDARD ARE APPROVED EQUAL.
 - FURNISH SIX (6) COPIES OF SHOP DRAWINGS OF EQUIPMENT OR FIXTURES FOR APPROVAL PRIOR TO PURCHASING.
 - PLUMBING CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL, CIVIL, STRUCTURAL, ELECTRICAL, FIRE PROTECTION, MECHANICAL AND ALL OTHER TRADES FOR PIPE ROUTING AND EQUIPMENT PLACEMENT. AVOID INTERFERENCE WITH ARCHITECTURAL FEATURES, BEAMS, FOOTINGS, WINDOWS, ETC. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS. SLEEVES SHALL BE INSTALLED WHERE PIPING PASSES THROUGH STRUCTURE.
 - ALL OPENINGS THROUGH FIRE RATED WALLS OR FLOORS SHALL BE SEALED WITH U.L. LISTED PENETRATION AND SHALL MAINTAIN THE FIRE RATED INTEGRITY OF THE WALL OR FLOOR. THE CONTRACTOR SHALL VERIFY FIRE RATINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION. SUBMIT U.L. PENETRATION DETAILS WITH SHOP DRAWINGS FOR ENGINEER'S REVIEW. MINIMUM RATINGS SHALL BE AS FOLLOWS: WALLS - F=1, T=0; FLOOR - F=1, T=1.
 - CONTRACTOR SHALL KEEP A RECORD OF THE LOCATIONS OF ALL CONCEALED WORK AND UPON COMPLETION OF THE JOB, SHALL SUPPLY AS-BUILT DRAWINGS SHOWING IN COLORED PENCIL ON BLACK LINE PRINTS ANY DEVIATION FROM THE ORIGINAL DRAWINGS. THESE DRAWINGS SHALL INDICATE DIRECTION OF BURIED UTILITY LINES FROM BUILDING WALLS.
 - ALL WORK SHALL BE GUARANTEED, BOTH MATERIAL AND INSTALLATION, FOR A PERIOD OF ONE YEAR FROM ACCEPTANCE BY OWNER.
- SANITARY, WASTE AND VENT PIPING
- SANITARY, WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC (ASTM-2665) WITH APPROVED PVC SOLVENT WELDED FITTINGS, COMPLY WITH 2003 INTERNATIONAL BUILDING CODE SUPPLEMENT CODE. PVC PIPING SHALL NOT BE RUN IN RETURN AIR PLENUM OR FIRE RATED ASSEMBLIES.
 - ALL SOIL AND WASTE PIPING, 2-1/2" AND SMALLER, SHALL BE SLOPED AT 1/4" PER FOOT. LARGER WASTE PIPING SHALL BE SLOPED AT 1/8" PER FOOT.
 - ALL VENTS THROUGH ROOF SHALL BE A MINIMUM OF 10'-0" OR AS REQUIRED BY CODE AWAY FROM FRESH AIR INTAKES.
 - ACCESS THROUGH ROOF SHALL BE PROVIDED WITH FOUR (4) POUND SHEET LEAD FLASHING EXTENDING UPWARD AROUND THE PIPE AND TURNED DOWN INSIDE THE PIPE.
 - EXPOSED WASTE PIPING IN TOILETS SHALL BE CHROME PLATED BRASS WITH MATCHING ESCUTCHEON.
 - CLEANOUT SHALL BE PROVIDED AT THE BASE OF EACH WASTE OR SOIL STACK AT 10' MINIMUM PER LATEST EDITION OF PLUMBING CODE.
 - TEST SANITARY, WASTE AND VENT PIPING BY A 10' WATER COLUMN FOR TWENTY-FOUR (24) HOURS OR AS REQUIRED BY THE BUILDING DEPARTMENT.
 - INSULATE ALL INTERIOR PORTIONS OF STORM/SANITARY DRAINAGE SYSTEMS RECEIVING CONDENSATE ONLY WASTE WITH 1/2" INCH THICK WALL FLEXIBLE ELASTOMERIC INSULATION EQUAL TO AP ARMAFLEX TO PREVENT CONDENSATION OUTSIDE THE PIPING.
- STORM PIPING
- STORM PIPING SHALL BE SCHEDULE 40 PVC (ASTM-2665 WITH APPROVED PVC SOLVENT WELDED FITTINGS. COMPLY WITH 2009 INTERNATIONAL BUILDING CODE BUILDING CODE. PVC PIPING SHALL NOT BE RUN IN RETURN AIR PLENUM OR FIRE RATED ASSEMBLIES.

WATER PIPING

- BELOW GROUND WATER PIPING SHALL BE TYPE "K" COPPER WITH VINYL SLEEVE FOR CORROSION PROTECTION WITH WROUGHT COPPER FITTINGS AND 95-5 SOLDERED JOINTS.
 - ABOVE GROUND WATER PIPING SHALL BE TYPE "L" COPPER WITH WROUGHT COPPER FITTINGS AND 95-5 SOLDERED JOINTS.
 - THE SITE SUBCONTRACTOR SHALL PROVIDE THE BACKFLOW PREVENTOR AND THE WATER METER.
 - A SERVICE VALVE SHALL BE PROVIDED ON THE DOMESTIC WATER RISER AT 5'-0" ABOVE FINISHED FLOOR, WHERE WATER ENTERS THE BUILDING.
 - PROVIDE EACH FIXTURE WITH STOPS AND SUPPLIES. EXPOSED STOPS AND SUPPLY PIPING SHALL BE CHROME PLATED, WITH A CHROME PLATED ESCUTCHEON PLATE.
 - PROVIDE UNIONS FOR ALL CONNECTIONS TO EQUIPMENT. PROVIDE DIELECTRIC TYPE WHERE DISSIMILAR METALS ARE CONTACTED.
 - INSULATE ALL WATER PIPING WITH 2" THICK, TYPE 2 POLYURETHANE, RIGID FIBERGLASS INSULATION. INSULATE FITTINGS AND VALVES WITH SIMILAR ITEMS. INSULATE WATER PAPER AND TRAP BELOW ALL HANDICAPPED LAVATORIES.
 - PROVIDE WATER HAMMER PROTECTION (EQUATE TO PRECISION PLUMBING PRODUCT 2000 SERIES) AT EACH FIXTURE OR GROUP OF SIMILAR FIXTURES. FIELD FABRICATED MODELS ARE NOT ACCEPTABLE.
 - PROVIDE VACUUM BREAKERS AS REQUIRED BY CODE.
 - PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS AS REQUIRED BY CODE.
 - TEST ALL WATER PIPING AT 100 PSIG FOR TWENTY-FOUR (24) HOURS OR AS REQUIRED BY CODE.
 - VERILIZE ALL WATER PIPING IN ACCORDANCE WITH HEALTH DEPARTMENT REGULATIONS AND AMERICAN WATER WORKS SPECIFICATIONS.
 - SEAL ALL WATER PIPING WITH PIPE HANGERS BY GRINNELL OR APPROVED EQUAL.
 - PROVIDE ACCESS PANELS FOR VALVES CONCEALED IN WALLS OR CEILING PLENUMS.
- GAS PIPING
- GAS PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE FUEL GAS CODE OR NFPA-54 WHERE REQUIREMENTS ARE MORE STRINGENT.
 - ALL GAS EQUIPMENT SHALL BE AGA APPROVED.
 - THE INSTALLATION SHALL BE FOR NATURAL GAS.
 - THE INSTALLING SUBCONTRACTOR SHALL BE LICENSED FOR THE INSTALLATION OF NATURAL GAS.
 - ABOVE GROUND GAS PIPING SHALL BE SCHEDULE 40, WELDED AND SEAMLESS, WROUGHT STEEL PIPE (ASME B36.10) WITH THREADED FITTINGS. UNDERGROUND GAS PIPING SHALL BE POLYETHYLENE (PE) PIPE (ASTM D-2513). PROVIDE WITH TRACER WIRE OR MAGNETIC TAPE.
 - ANY GAS PIPING, WHICH IS EXPOSED, SHALL BE PAINTED WITH BLACK "RUSTOLEUM" PAINT VERIFY COLOR WITH ARCHITECT.
 - GAS PIPING SHALL BE HUNG TIGHT TO THE ROOF STRUCTURE, SUPPORTED WITH HANGERS BY GRINNELL OR EQUAL.
 - BRANCH TAPS MUST BE MADE OFF OF THE TOP OF THE PIPING.
 - CONNECTION TO EACH PIECE OF EQUIPMENT SHALL INCLUDE AN INVERTED TRAP, A GAS COCK, A UNION AND A DIRT LEG. CONNECTIONS SHALL BE RIGID (NO FLEX).
 - ALL GAS FLUES SHALL BE MINIMUM OF 10'-0", OR AS REQUIRED BY CODE, AWAY FROM FRESH AIR INTAKES.

1925 Prospect Ave.
Orlando, FL 32814
P (407) 661-9100
F (407) 661-9101
www.cpl.com

White Development Company
1801 South Keene Rd.
Clearwater, FL 33756

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Retail @ Tattersall Park
US Highway 280 & Highway 119
Hoover, AL

Plumbing Notes and Schedules

No.	Description	Date
A	100% PUNCH SUBMISSION	06/27/18
B	ISSUED TO BID & PERMIT	7/26/18

PROJECT NO.	DATE	ISSUED BY	CHECKED BY
210000	07/27/18		

PROJECT NAME	SHEET TITLE
Retail @ Tattersall Park	Plumbing Notes and Schedules

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