

**PUBLIC FACILITIES DESIGN DEPARTMENT**

DAVID W. BEEBE, PE  
ARCHITECT FL REG. 11599  
DAVID W. BEEBE, PE  
ARCHITECT FL REG. 11599  
GA REG. 21754  
AL REG. 6234  
TN REG. 101507  
NC REG. 12432  
VA REG. 040205478

JOHN W. KITCHENS, PE  
CIVIL MECHANICAL FL REG. 45277  
GA REG. 27740  
SC REG. 16340  
AL REG. 26582  
TN REG. 101507  
VA REG. 040205478

PAUL C. HARMAN, PE  
STRUCTURAL FL REG. 51909  
GA REG. 27740  
SC REG. 21754  
AL REG. 24905  
TN REG. 101507  
NC REG. 39873  
VA REG. 040205478

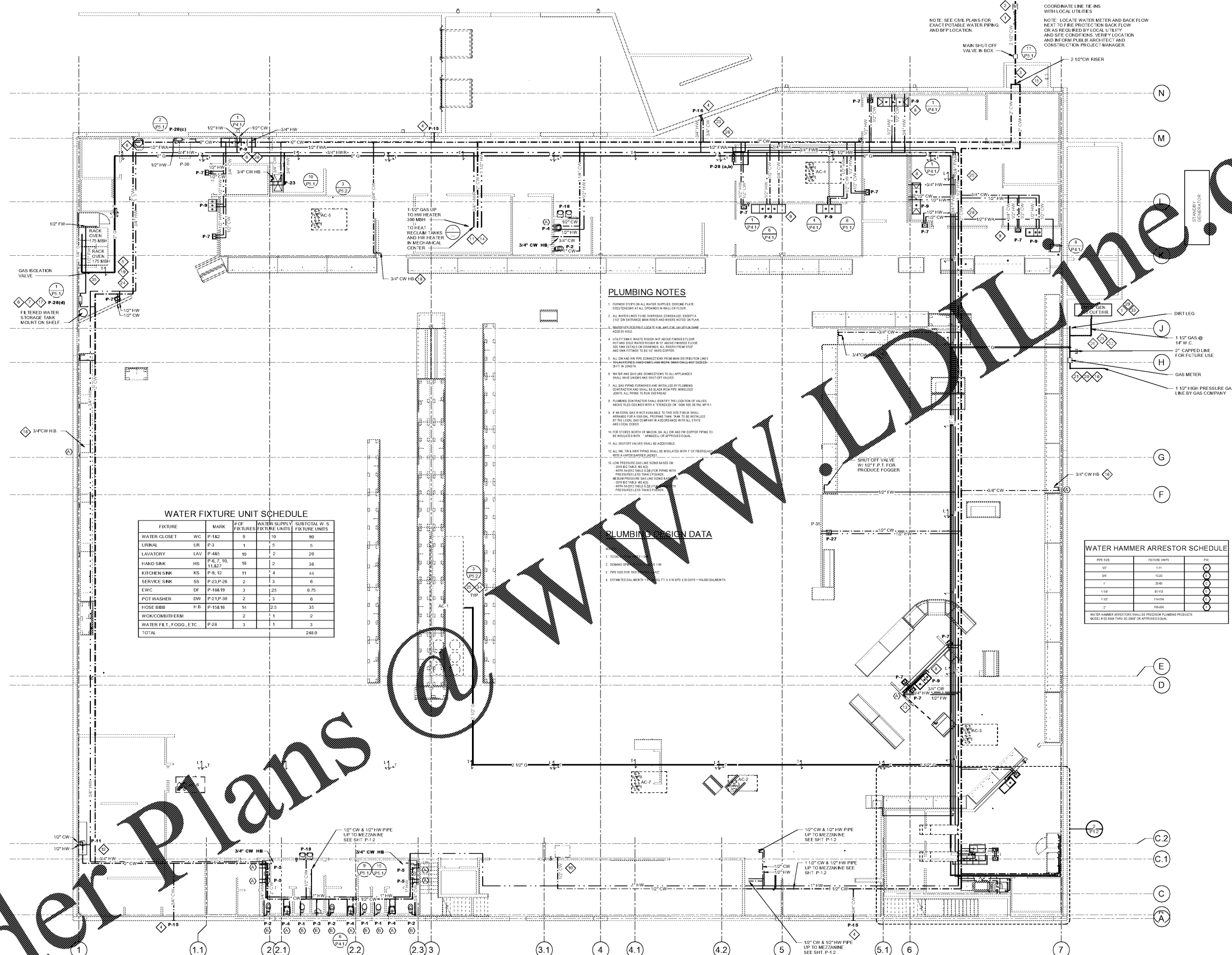
JOHN J. CARAMALIS, PE  
MECHANICAL FL REG. 43889  
GA REG. 261248  
SC REG. 16340  
AL REG. 20681  
TN REG. 106507  
VA REG. 040205478

ANTHONY CLEMENTI, PE  
MECHANICAL FL REG. 54781  
GA REG. 31862  
SC REG. 25591  
TN REG. 111362  
NC REG. 039964  
VA REG. 040205478

RAYMOND J. SIRIANNI, PE  
ELECTRICAL FL REG. 54085  
GA REG. 402508  
SC REG. 19743  
AL REG. 23395  
TN REG. 106838  
NC REG. 039964  
VA REG. 040205378

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THE DESIGN INDICATED IN THESE CONSTRUCTION DOCUMENTS DOES TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES.



**PLUMBING NOTES**

1. FINISH FLOOR ON ALL WATER SUPPLY, DRAINAGE, AND VENT PIPING SHALL BE INSTALLED BEFORE ANY WALL OR FLOOR FINISHES ARE APPLIED.
2. ALL WATER LINES TO BE OVERHEAD, CONCEALED, EXCEPT A 1/2" DIA. ENTRANCE WATER SERVICE LINE WHICH SHALL BE UNDERGROUND. ALL RISERS SHALL BE UNDERGROUND. ALL RISERS SHALL BE UNDERGROUND. ALL RISERS SHALL BE UNDERGROUND. ALL RISERS SHALL BE UNDERGROUND.
3. ALL DW AND HW PIPE CONNECTIONS FROM MAIN DISTRIBUTION LINES TO SERVICE UNITS SHALL BE UNDERGROUND UNLESS OTHERWISE NOTED OTHERWISE.
4. ALL DW AND HW PIPE CONNECTIONS TO ALL APPLIANCES SHALL BE UNDERGROUND UNLESS OTHERWISE NOTED OTHERWISE.
5. ALL GAS PIPING SHALL BE INSTALLED BY A LICENSED GAS FITTER AND SHALL BE UNDERGROUND UNLESS OTHERWISE NOTED OTHERWISE.
6. PLUMBING SHALL BE INSTALLED BY THE CONTRACTOR AND SHALL BE UNDERGROUND UNLESS OTHERWISE NOTED OTHERWISE.
7. IF NATURAL GAS IS NOT AVAILABLE TO THE SITE, PUBLIX SHALL BE RESPONSIBLE FOR PROVIDING GAS TO THE SITE BY THE LOCAL GAS COMPANY IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
8. FOR STORES NORTH OF MOON, ALL DW AND HW PIPE PIPING TO BE UNDERGROUND UNLESS OTHERWISE NOTED OTHERWISE.
9. ALL SHUTOFF VALVES SHALL BE ACCESSIBLE.
10. ALL DW AND HW PIPE SHALL BE INSTALLED WITH 1" OF FREEBOARD WITH A WATER TIGHT JACKET.
11. USE PRESSURE RATED DRINKING WATER OR 1/2" DIA. COPPER PIPE FOR ALL DW AND HW PIPE UNLESS OTHERWISE NOTED OTHERWISE.
12. USE PRESSURE RATED DRINKING WATER OR 1/2" DIA. COPPER PIPE FOR ALL DW AND HW PIPE UNLESS OTHERWISE NOTED OTHERWISE.
13. USE PRESSURE RATED DRINKING WATER OR 1/2" DIA. COPPER PIPE FOR ALL DW AND HW PIPE UNLESS OTHERWISE NOTED OTHERWISE.
14. ESTIMATED GAL. MONTHLY FLOW: 1.5 GPM X 24 HRS X 30 DAYS = 10800 GALLONS.

**PLUMBING DESIGN DATA**

1. 1/2" DW & HW PIPE
2. 3/4" DW & HW PIPE
3. 1" DW & HW PIPE
4. ESTIMATED GAL. MONTHLY FLOW: 1.5 GPM X 24 HRS X 30 DAYS = 10800 GALLONS.

**WATER FIXTURE UNIT SCHEDULE**

FIXTURE	MARK	# OF FIXTURES	WATER SUPPLY FIXTURE UNITS	SUBTOTAL W. S. FIXTURE UNITS
WATER CLOSET	WC	P-182	9	10
URINAL	UR	P-3	1	5
LAVATORY	LAV	P-485	10	2
HAND SINK	HS	P-2, 7, 10, 11, 627	18	2
KITCHEN SINK	KS	P-9, 12	11	4
SERVICE SINK	SS	P-23, P-26	2	3
EWC	DF	P-18819	3	25
POT WASHER	DW	P-21, P-30	2	3
HOSE BIBB	H.B.	P-10816	14	2.5
WORKCOMBI THERM			2	1
WATER F.L.T., FOGG, ETC.	P-28		3	1
<b>TOTAL</b>				<b>248.0</b>

**WATER HAMMER ARRESTOR SCHEDULE**

PIPE SIZE	PISTON (IN)	PSI
1/2"	1.5	100
3/4"	1.25	100
1"	3.0	100
1 1/2"	6.0	100
2"	11.0	100
3"	18.0	100

**DRAWING NOTES**

1. 1/2" DW & HW PIPE
2. 3/4" DW & HW PIPE
3. 1" DW & HW PIPE
4. ESTIMATED GAL. MONTHLY FLOW: 1.5 GPM X 24 HRS X 30 DAYS = 10800 GALLONS.
5. 1/2" DW & HW PIPE
6. 3/4" DW & HW PIPE
7. 1" DW & HW PIPE
8. ESTIMATED GAL. MONTHLY FLOW: 1.5 GPM X 24 HRS X 30 DAYS = 10800 GALLONS.
9. 1/2" DW & HW PIPE
10. 3/4" DW & HW PIPE
11. 1" DW & HW PIPE
12. ESTIMATED GAL. MONTHLY FLOW: 1.5 GPM X 24 HRS X 30 DAYS = 10800 GALLONS.
13. 1/2" DW & HW PIPE
14. 3/4" DW & HW PIPE
15. 1" DW & HW PIPE
16. ESTIMATED GAL. MONTHLY FLOW: 1.5 GPM X 24 HRS X 30 DAYS = 10800 GALLONS.
17. 1/2" DW & HW PIPE
18. 3/4" DW & HW PIPE
19. 1" DW & HW PIPE
20. ESTIMATED GAL. MONTHLY FLOW: 1.5 GPM X 24 HRS X 30 DAYS = 10800 GALLONS.

PLOT DATE:  
August 21 2018

No.	Description	Date

STORE NUMBER  
**1687**  
**Tattersall Park**  
US 280 & Highway 19  
Hoover  
Shelby Co., AL

**48.10**  
V814.2018  
SIENNA LITE

**WATER & GAS PLUMBING PLAN**

As indicated

**P1.1**

Order Plans