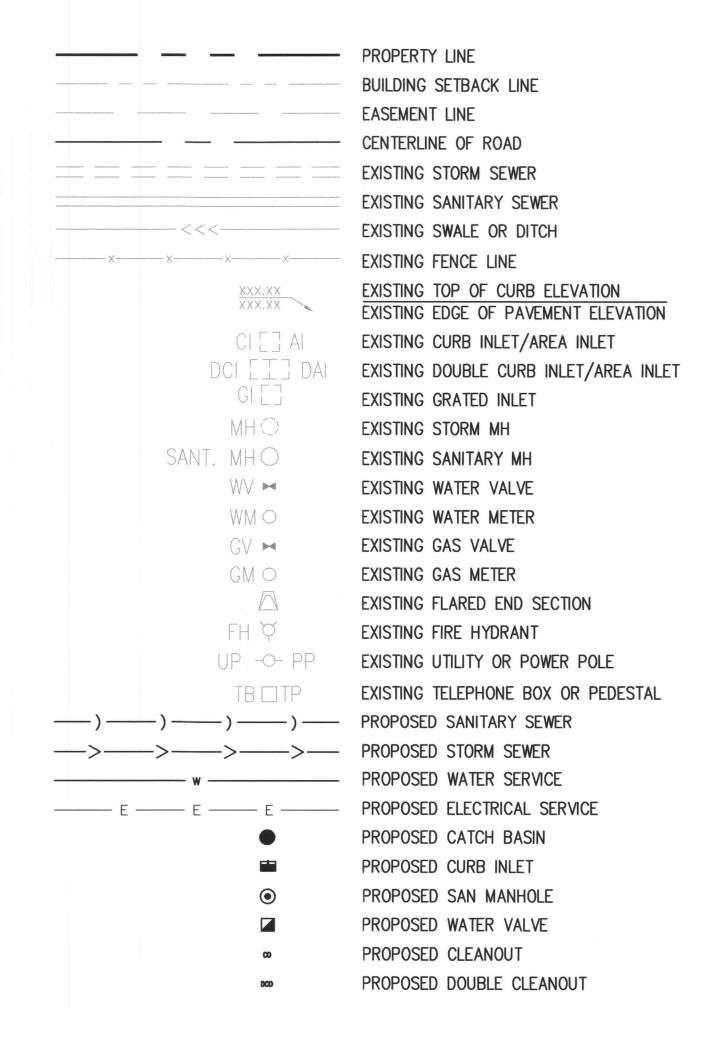
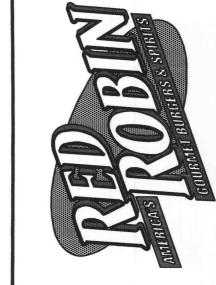
## MISSOURI STATE HIGHWAY (WIDTH VARIES) K 1 2 5 C3.4 C3.4 C3.4 -EXISTING CAMBERED POWER POLE, AS RELOCATED REPLACE EXISTING YARD INLET RIM W/ CATCH BASIN FRAME AND GRATE RIM—519.58 C3.4 C3.4 CONNECTION MH A (48") RIM=522.20 INV(E)=517.69 UNDISTURBED DRAINAGE EASEMENT 3 41, PG 386 EXISTING BLOCK 19'W CROSS \_\_\_\_ ACCESS EASEMENT RETAINING SECONDARY FEEDERS (2 SETS OF 4-#500 KCMIL IN 4" CONDUIT) LOT 1 C34 C34 3" VENT BELOW GRADE.— SLOPE 1/4" PER FOOT 1 1/2" IRR. STUB-GREASE WASTE 48 LF 6" PVC @ 1.00% 5'W UTILITY EASEMENT P.B. 41, PG 386 MACHINE CORE TO EXISTING STRUCTURE 1,500 GALLON GREASE-INTERCEPTOR ======= 92 LF 6" DIP WATER SERVICE-REPLACE EXISTING YARD INLET RIM W/ CATCH BASIN FRAME AND GRATE RIM=519.14 C34 C34 C34 C34 IN 5' DIA. VAULT 9 C3.4

## EGEND



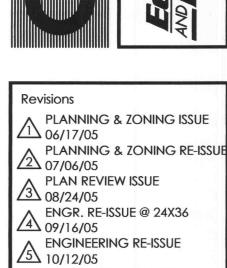
## NOTES:

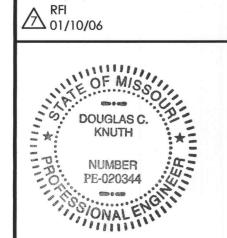
- 1. STORMWATER DETENTION IS PROVIDED AS PART OF THE OVERALL PIDGEON PARK WEST DEVELOPMENT.
- 2. ALL STORM SEWERS ON SITE ARE PRIVATE.
- ESTIMATED SANITARY FLOW = 3,819 GALLONS PER DAY.
- SITE LIES WITHIN THE JURISDICTION OF O'FALLON SANITARY DISTRICT.
- 5. INLETS AND MANHOLES TO BE PRE-CAST CONCRETE WITH 31 MIL COATING. SANITARY MANHOLES TO HAVE CONICAL TOP. STORM INLETS TO HAVE %" TRASH BAR.
- CITY WATER METERS SHALL BE PLACED IN A DEDICATED EASEMENT OR HAVE THE LOCATION APPROVED BY ALLIANCE WATER RESOURCES.
- NO NEW FIRE HYDRANTS ARE PROVIDED. EXISTING FIRE HYDRANTS MEET REQUIRED MAXIMUM SPACING.
- 8. FEMA FIRM DOCUMENTATION AND STORM WATER DETENTION CALCULATIONS WERE PREVIOUSLY SUBMITTED TO THE CITY OF O'FALLON BY THE PIDGEON PARK WEST DEVELOPMENT.
- 9. ALL PROPOSED UTILITIES UNDER EXISTING CITY OF O'FALLON STREETS SHALL BE BORED.
- 10. ALL STORM SEWER IS PRIVATE AND NOT MAINTAINED BY THE CITY.
- 11. OFF SITE STORM SEWER HAS ADEQUATE CAPACITY FOR STORM DISCHARGE FROM THE PROPOSED SITE.
- 12. PROVIDE CONCRETE CRADLE OR CONCRETE COLLAR FOR ALL STORM SEWER LINES LESS THAN 20%.
- 13. THE 100 YEAR ELEVATION FOR BELLEAU CREEK AT HIGHWAY K IS 509 AND AT MEXICO ROAD IS 507.
- 14. WATER MAINS SHALL HAVE A MINIMUM OF 42" OF COVER.
- 15. WATER METER TO BE LOCATED WITHIN DEDICATED EASEMENT.
- 16. ALL WATER MAIN WORK SHALL ADHERE TO CITY OF O'FALLON REQUIREMENTS.



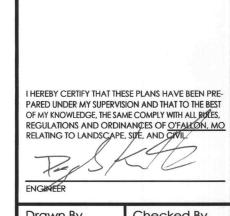
10/28/05 RE-ISSUE:

RED ROBIN GOURMET BURGER 1440 MEXICO LOOP ROAD EAST O'FALLON, MO UTILITY PLAN ENGINEERING





ENGINEERING RE-ISSUE 10/28/05



Checked By NMG 1" = 30' 05-4393

C3.1