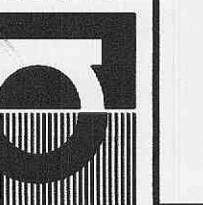


RED ROBIN GOURMET BURGERS  
1440 MEXICO LOOP ROAD EAST  
OFALLON, MO

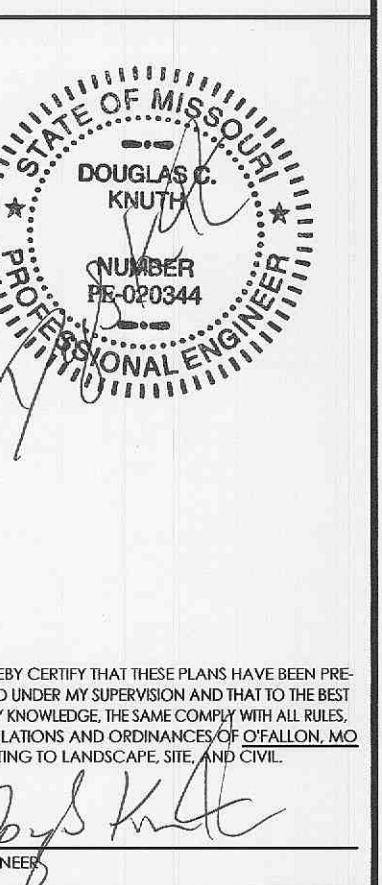
UTILITY PLAN  
ENGINEERING RE-ISSUE: 10/28/05

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- Revisions
- △ PLANNING & ZONING ISSUE 06/17/05
  - △ PLANNING & ZONING RE-ISSUE 07/04/05
  - △ PLAN REVIEW ISSUE 08/24/05
  - △ ENGR. RE-ISSUE @ 24X36 09/16/05
  - △ ENGINEERING RE-ISSUE 10/12/05
  - △ ENGINEERING RE-ISSUE 10/28/05
  - △ RFI 01/10/06



Drawn By: NMG  
Checked By: JFG  
Scale: 1" = 30'  
Date: 6/17/05  
Job No.: 05-4393  
Sheet No.: C3.1

### LEGEND

---	PROPERTY LINE
---	BUILDING SETBACK LINE
---	EASEMENT LINE
---	CENTERLINE OF ROAD
---	EXISTING STORM SEWER
---	EXISTING SANITARY SEWER
---	EXISTING SWALE OR DITCH
---	EXISTING FENCE LINE
XXX.XX	EXISTING TOP OF CURB ELEVATION
XXX.XX	EXISTING EDGE OF PAVEMENT ELEVATION
CI □ AI	EXISTING CURB INLET/AREA INLET
DCI □ DAI	EXISTING DOUBLE CURB INLET/AREA INLET
GI □	EXISTING GRATED INLET
MH ○	EXISTING STORM MH
SANT. MH ○	EXISTING SANITARY MH
WV ⊕	EXISTING WATER VALVE
WM ○	EXISTING WATER METER
GV ⊕	EXISTING GAS VALVE
GM ○	EXISTING GAS METER
△	EXISTING FLARED END SECTION
FH ⊕	EXISTING FIRE HYDRANT
UP ○ PP	EXISTING UTILITY OR POWER POLE
TB □ TP	EXISTING TELEPHONE BOX OR PEDESTAL
---	PROPOSED SANITARY SEWER
---	PROPOSED STORM SEWER
---	PROPOSED WATER SERVICE
---	PROPOSED ELECTRICAL SERVICE
●	PROPOSED CATCH BASIN
■	PROPOSED CURB INLET
○	PROPOSED SAN MANHOLE
⊕	PROPOSED WATER VALVE
○	PROPOSED CLEANOUT
⊕	PROPOSED DOUBLE CLEANOUT

### NOTES:

1. STORMWATER DETENTION IS PROVIDED AS PART OF THE OVERALL PIDGEON PARK WEST DEVELOPMENT.
2. ALL STORM SEWERS ON SITE ARE PRIVATE.
3. ESTIMATED SANITARY FLOW = 3,819 GALLONS PER DAY.
4. 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 3/8" TRASH BAR.
6. CITY WATER METERS SHALL BE PLACED IN A DEDICATED EASEMENT OR HAVE THE LOCATION APPROVED BY ALLIANCE WATER RESOURCES.
7. 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.

