

NOTE: STORM WATER DETENTION FOR THE FIRESTONE DEVELOPMENT PROVIDED IN UNDERGROUND PIPES OFF-SITE

EXISTING DOUBLE CURB INLET
TOP EL. = 524.74
INLET EL. = 523.80
INVERT EL. = 512.11

EXISTING 15" CMP
EXISTING CONC. RETAINING WALL
EXISTING 15" CMP
EXISTING E. EL. = 511.40
EXISTING 30" CMP
EXISTING E. EL. = 511.28

UTILITY LEGEND

- | | | | |
|--|----------------------------|--|-------------------------------|
| | EXISTING STORM SEWER | | EXISTING MANHOLE |
| | PROPOSED STORM SEWER | | PROPOSED MANHOLE |
| | EXISTING SANITARY SEWER | | EXISTING CATCH BASIN |
| | PROPOSED SANITARY SEWER | | PROPOSED CATCH BASIN |
| | EXISTING COMBINATION SEWER | | EXISTING WATER VAULT W/ VALVE |
| | PROPOSED COMBINATION SEWER | | PROPOSED WATER VAULT W/ VALVE |
| | EXISTING WATER MAIN | | EXISTING B-BOX |
| | PROPOSED WATER SERVICE | | PROPOSED B-BOX |
| | EXISTING ELECTRIC SERVICE | | EXISTING FIRE HYDRANT |
| | PROPOSED ELECTRIC SERVICE | | PROPOSED FIRE HYDRANT |
| | EXISTING GAS SERVICE | | PROPOSED RIM ELEVATION |
| | PROPOSED GAS SERVICE | | PROPOSED INVERT ELEVATION |
| | EXISTING TELEPHONE SERVICE | | |
| | PROPOSED TELEPHONE SERVICE | | |

PROJECT NOTES

STORM SEWER

- NEW 48" P.C. PRECAST CONCRETE CATCH BASIN
- NEW 12" R.C.P.; 42 L.F. @ 1.00% SLOPE
- NEW 48" P.C. PRECAST CONCRETE CATCH BASIN
- NEW 12" R.C.P.; 140 L.F. @ 1.00% SLOPE
- NEW 48" P.C. PRECAST CONCRETE CATCH BASIN
- NEW 12" R.C.P.; 58 L.F. @ 1.00% SLOPE
- NEW 48" P.C. PRECAST CONCRETE CATCH BASIN
- NEW 12" R.C.P.; 63 L.F. @ 1.00% SLOPE
- NEW 48" P.C. PRECAST CONCRETE CATCH BASIN
- NEW 12" R.C.P.; 23 L.F. @ 1.00% SLOPE
- NEW 6" D.I.P.; 67 L.F. @ MIN. 1.00% SLOPE
CONNECT ROOF DRAINAGE TO STORM SEWER.
- NEW 60" P.C. PRECAST CONCRETE MANHOLE
DIRECT CONNECTION TO EXISTING STORM SEWER
- NEW 15" P.C. PRECAST CONCRETE FLARED-END SECTION
- NEW 15" R.C.P.; 98 L.F. @ 8.16% SLOPE
- NEW 15" P.C. PRECAST CONCRETE FLARED-END SECTION

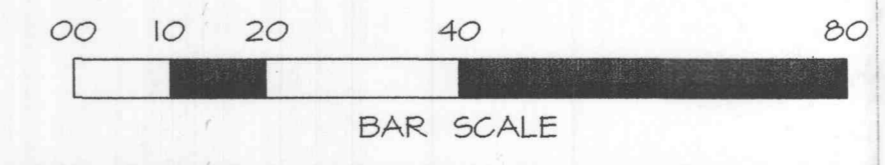
SANITARY SEWER

- NEW 6" P.V.C. PIPE; 10 L.F. @ 1.00% SLOPE
- NEW 48" P.C. PRECAST CONCRETE MANHOLE
- NEW 6" P.V.C. PIPE; 76 L.F. @ 4.42% SLOPE
- NEW 48" P.C. PRECAST CONCRETE MANHOLE
FOR CONNECTION TO EXISTING SANITARY STUB.

WATER SERVICE

- NEW PRESSURE CONNECTION TO EXISTING WATER MAIN
- NEW B-BOX
- NEW 1 1/2" TYPE 'K' COPPER WATER SERVICE, 210 L.F.
- NEW METER PIT PER THE PUBLIC WATER SUPPLY DISTRICT
NO. 2 OF ST. CHARLES COUNTY'S SPECIFICATIONS

SCALE: 1" = 20'-0"



W-T **W-T ENGINEERING, INC.**
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SCHAUMBURG, ILLINOIS 60193
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REVISED PER WATER DEPT. 10-24-00 5
CITY REVIEW 9-7-00 4
CITY REVIEW 8-25-00 3
PER ARCHITECT 6-21-00 2
CITY REVIEW 4-3-00 1
ISSUED FOR: DATE:

Firestone
REAL ESTATE DEPARTMENT

PROPERTY NUMBER: 163325
STORE NUMBER: (T.B.D.)
JOB NUMBER: 08373
DATE: 07/17/00
FILE NAME:
SHEET NUMBER: C3.0

NEW FIRESTONE STORE
"ER2000B" RH BUILDING
3089 STATE HWY K
O'FALLON, MISSOURI
SITE UTILITY PLAN



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