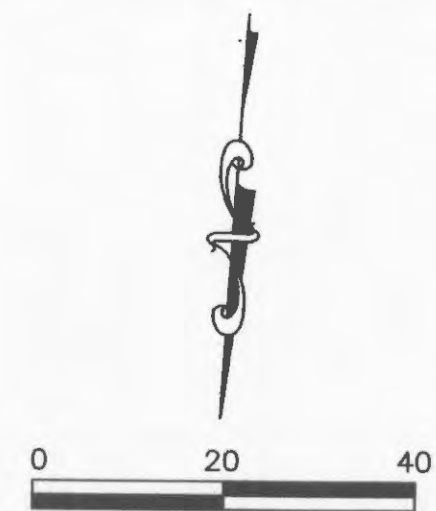


**EROSION CONTROL LEGEND**

- (SF) \* \* \* SILT FENCE
- (FD) \* \* \* FABRIC DROP



**GENERAL NOTES**

- 1.) ANY LAND CLEARING, CONSTRUCTION, OR DEVELOPMENT INVOLVING THE MOVEMENT OF EARTH SHALL BE IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN, AND THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING A LAND DISTURBANCE PERMIT ASSUMES AND ACKNOWLEDGES RESPONSIBILITY FOR COMPLIANCE WITH THE ST. CHARLES COUNTY LAND DISTURBANCE CODE AND THE APPROVED STORM WATER POLLUTION PREVENTION PLAN AT THE SITE OF THE PERMITTED ACTIVITY.
  - 2.) PRIOR TO ISSUANCE OF A LAND DISTURBANCE PERMIT FROM THE CITY OF O'FALLON, A PERMIT FROM THE STATE OF MISSOURI DEPARTMENT OF NATURAL RESOURCES WILL BE REQUIRED.
  - 3.) CLEARING TECHNIQUES THAT RETAIN EXISTING VEGETATION TO THE MAXIMUM EXTENT PRACTICABLE SHALL BE USED AND THE TIME PERIOD FOR DISTURBED AREAS TO BE WITHOUT VEGETATIVE COVER SHALL BE MINIMIZED TO THE EXTENT PRACTICAL.
  - 4.) ADDITIONAL SILTATION CONTROL SHALL BE INSTALLED AS REQUIRED BY THE CITY OF O'FALLON.
  - 5.) AREAS SHALL BE SEEDED WHEN NO ACTIVITY WILL OCCUR WITHIN THIRTY DAYS.
- DESCRIPTION OF B.M.P.'s (INTERIM & PERMANENT STABILIZATION PRACTICES/SCHEDULE)**
- a. CONTRACTOR SHALL ESTABLISH PERIMETER SILTATION CONTROL PRIOR TO ANY CONSTRUCTION ACTIVITIES. AREAS REQUIRING MINOR CLEARING &/OR GRADING PRIOR TO INSTALLATION OF SILTATION CONTROL SHALL BE COMPLETED IN A TIMELY MANNER AND SILTATION CONTROL ESTABLISHED IMMEDIATELY FOLLOWING.
  - b. TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED WHERE THE ACCESS AREAS INTERSECT WITH PUBLIC ACCESS WAYS. DURING MUDDY CONDITIONS, DRIVERS OF VEHICLES WILL BE REQUIRED TO WASH THEIR WHEELS BEFORE ENTERING THE ROADWAY. WHERE SEDIMENT IS TRANSPORTED ONTO PUBLIC ACCESS WAYS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROAD BY SHOVELING OR SWEEEPING. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
  - c. UPON COMMENCEMENT OF INITIAL CLEARING AND GRUBBING OPERATIONS, AS WELL AS FUTURE GRADING OPERATIONS, TOPSOIL MUST BE STRIPPED FROM GRADED AREAS AND STOCKPILED FOR USE IN FINAL GRADING AND/OR EXCESS REMOVAL. THE STOCKPILES WILL BE KEPT ON SITE BUT MUST STAY CLEAR OF ALL CONSTRUCTION ACTIVITY. THE STOCKPILE WILL BE STABILIZED WITH TEMPORARY VEGETATION TO PREVENT SOIL LOSS AND SEDIMENT TRANSPORT FROM THE STOCKPILE ITSELF UNTIL NEEDED.
  - d. TEMPORARY ROADS SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE. SLOPES SHALL NOT EXCEED 10 PERCENT SLOPE.
  - e. CONTRACTOR SHALL CLEAR AND GRUB THOSE AREAS OF THE SITE SCHEDULED FOR CONSTRUCTION. AREAS NOT SCHEDULED FOR IMMEDIATE CONSTRUCTION SHALL NOT BE CLEARED OF ESTABLISHED VEGETATION UNTIL REQUIRED. REMAINDER OF SITE SHALL BE GRADED, AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF SILTATION CONTROL THROUGHOUT THE DURATION OF THE PROJECT.
  - f. STORM DRAINS SHALL BE INSTALLED AS EARLY AS POSSIBLE, PROVIDED THE INSTALLATION DOES NOT CONFLICT WITH OTHER CONSTRUCTION ACTIVITIES. SILT FENCE SHALL BE STAKED AROUND EACH INLET IMMEDIATELY UPON COMPLETION OF CONSTRUCTION OF EACH INLET. INLETS MAY BE UTILIZED FOR STORMWATER CONTROL DURING CONSTRUCTION WITH THE SILT FENCE AND EROSION CONTROL MEASURES IN PLACE.
  - g. ALL PROPOSED TURF AREAS, ONCE CONSTRUCTED TO FINAL GRADE SHALL BE SEEDED/ SOODED WITHIN 5 DAYS AFTER FINAL GRADING OF THE SITE WHERE SHOWN ON THE PLAN. SHOULD WEATHER CAUSE DELAYS IN EARTHWORK OPERATIONS, ADDITIONAL SILTATION CONTROL MEASURES MAY BE REQUIRED.
  - h. ANY DISTURBED AREAS WHICH WILL REMAIN UNWORKED FOR 5 DAYS OR MORE SHALL BE STABILIZED WITH SEEDING AND MULCHING PER SPECIFICATIONS WITHIN 5 DAYS. IF SEASONAL CONDITIONS PROHIBIT SEEDING, MULCHING OR MATTING SHALL BE USED.
  - i. INSPECTION OF SILTATION CONTROL DEVICES SHALL TAKE PLACE ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF ANY 0.5" 24 HOUR RAIN EVENT. ANY SILTATION CONTROL IN NEED OF REPAIR SHALL OCCUR IMMEDIATELY.
  - j. ALL GRADING OPERATIONS ARE SUBJECT TO THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING REPORT.
  - k. SEDIMENTATION CONTROLS SHALL ONLY BE REMOVED AFTER THE SITE IS COMPLETELY STABILIZED, VEGETATION IS WELL ESTABLISHED, AND ALL PAVEMENT AREAS ARE INSTALLED.
- DESCRIPTION OF PERMANENT B.M.P.'s TO REMAIN AFTER CONSTRUCTION**
- a. STORM WATER MANAGEMENT - HEAVY AND/OR LIGHT STONE RETEMENT WILL BE INSTALLED TO CONTROL EROSION. REINFORCED CONCRETE PIPE WILL BE USED FOR UNDER ROAD CULVERTS.
  - b. TURF AREAS - TURF AREAS SHALL BE MAINTAINED TO INSURE SITE AREAS REMAIN STABILIZED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
  - c. PAVED AREAS AND WALKWAYS - AREAS SUBJECT TO FOOT AND VEHICLE TRAFFIC SHALL BE PAVED AND KEPT IN GOOD REPAIR FOLLOWING COMPLETION OF CONSTRUCTION ACTIVITIES. MAINTENANCE SHALL BE THE OWNER'S RESPONSIBILITY.
- CONSTRUCTION SCHEDULE (TENTATIVE) - (starting date June, 2008)**
- |      |      |      |       |      |      |
|------|------|------|-------|------|------|
| June | July | Aug. | Sept. | Oct. | Nov. |
| ■    | ■    | ■    | ■     | ■    | ■    |
- SITE GRADING (15 days)
  - SEDIMENT/EROSION CONTROL INSTALL (3 days)
  - SEDIMENT/EROSION CONTROL MAINTAIN (duration of project)
  - FOUNDATIONS/BUILDING CONSTRUCTION (8-months)
  - PAVING/CURBS etc. (15-days)
  - PERMANENT VEGETATION (10 days)

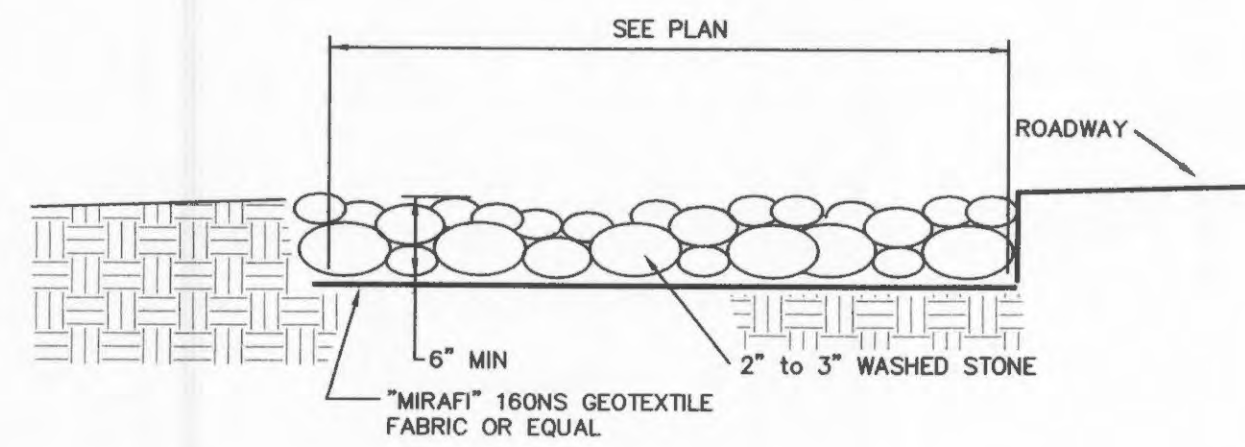
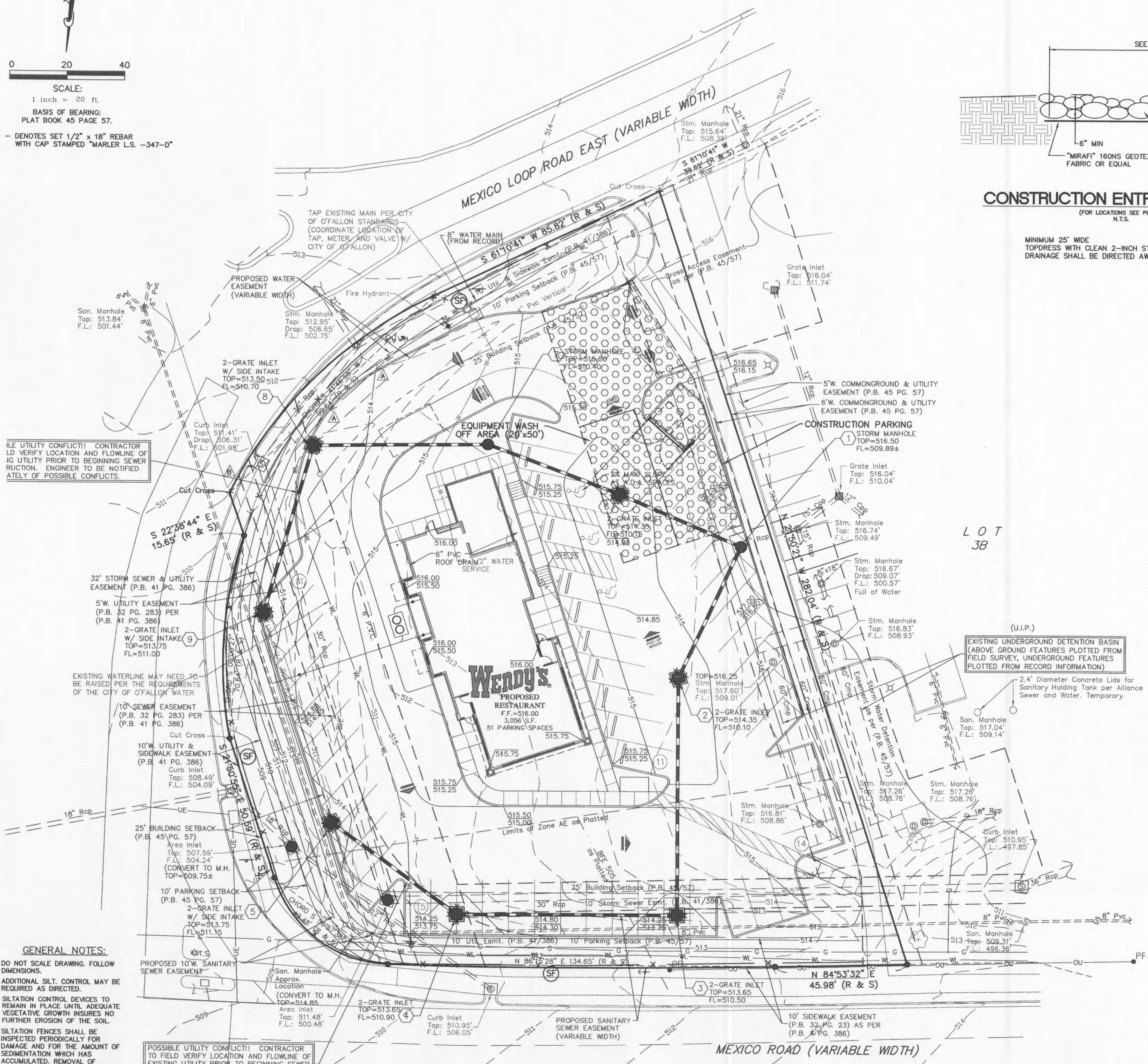
● - DENOTES SET 1/2" x 18" REBAR WITH CAP STAMPED "MARLER L.S. -347-D"

SEE UTILITY CONFLICT! CONTRACTOR TO FIELD VERIFY LOCATION AND FLOWLINE OF EXISTING UTILITY PRIOR TO BEGINNING SEWER CONSTRUCTION. ENGINEER TO BE NOTIFIED IMMEDIATELY OF POSSIBLE CONFLICTS.

**GENERAL NOTES:**

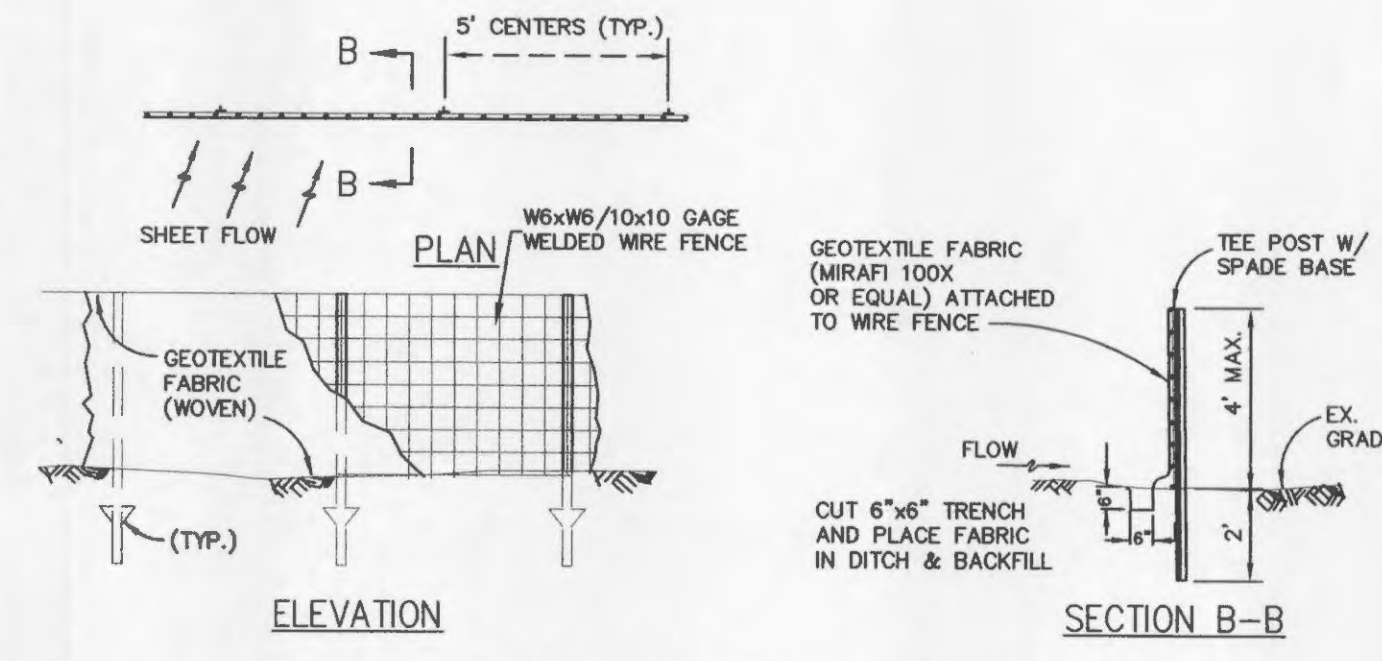
1. DO NOT SCALE DRAWING. FOLLOW DIMENSIONS.
2. ADDITIONAL SILT. CONTROL MAY BE REQUIRED AS DIRECTED.
3. SILTATION CONTROL DEVICES TO REMAIN IN PLACE UNTIL ADEQUATE VEGETATIVE GROWTH INSURES NO FURTHER EROSION OF THE SOIL.
4. SILTATION FENCES SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND FOR THE AMOUNT OF SEDIMENTATION WHICH HAS ACCUMULATED. REMOVAL OF SEDIMENT WILL BE REQUIRED WHEN IT REACHES 1/2 OF THE HEIGHT OF THE SILTATION FENCE.
5. ATTACHMENT OF WELDED WIRE FENCE AND GEOTEXTILE FABRIC TO BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

POSSIBLE UTILITY CONFLICT! CONTRACTOR TO FIELD VERIFY LOCATION AND FLOWLINE OF EXISTING UTILITY PRIOR TO BEGINNING SEWER CONSTRUCTION. ENGINEER TO BE NOTIFIED IMMEDIATELY OF POSSIBLE CONFLICTS.



**CONSTRUCTION ENTRANCE DETAIL**

MINIMUM 25' WIDE TOPDRESS WITH CLEAN 2-INCH STONE AS NEEDED DRAINAGE SHALL BE DIRECTED AWAY FROM ROAD SURFACE



**SILTATION FENCE DETAIL**

STATE OF MISSOURI  
REGISTERED PROFESSIONAL ENGINEER  
BRANDON ASHER HARP  
NUMBER E-28650  
BRANDON A. HARP, P.E. E-28650

11402 Gravois Road  
Suite 100  
Saint Louis, Missouri 63126  
314.729.1400  
Fax: 314.729.1404  
www.cedc.net

**CEDC**  
CIVIL ENGINEERING  
DESIGN CONSULTANTS

Improvement Plans  
**Wendy's Restaurant**  
1390 Mexico Loop Road East  
O'Fallon, Missouri 63366

Proj. #	0747
No. Description	Date
Agency Submittal	04/25/08
Per City	07/15/08
	07/30/08

S.W.P.P.P.  
& Details

**C9**

Planning and Development No. 9987.07.01  
Planning and Zoning Commission  
Approval - March 6, 2008  
City Council Approval - March 27, 2008

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