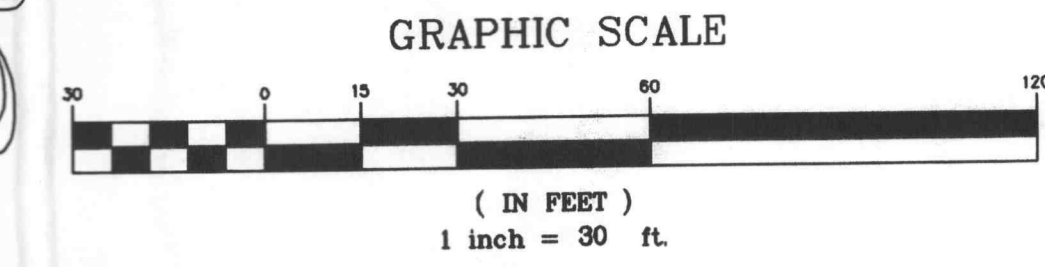


**SEDIMENT BASIN STORAGE CALCULATIONS:**  
 REQUIRED SEDIMENT STORAGE=4.24 AC (DISTURBED AREA) X 1,800 CU. FT./AC.=7,632 CU. FT.  
 SEDIMENT STORAGE PROVIDED=7,638 CU. FT. @ ELEVATION 483

A TRACT OF LAND BEING PART OF  
 FRACTIONAL SECTION 33,  
 TOWNSHIP 47 NORTH, RANGE 3 EAST,  
 O'FALLON, MISSOURI



**PICKETT RAY & SILVER**  
 CIVIL ENGINEERS  
 PLANNERS  
 LAND SURVEYORS  
 333 Mid Rivers Mall Drive  
 St. Peters, MO 63376  
 Phone (636) 397-1211  
 Fax (636) 397-1104

**COUNTRY SIDE CARPETS**  
 IMPROVEMENT PLANS  
 O'FALLON, MO

Prepared For:  
**SUMMIT POINTE, L.C.**  
 239 FOX HILL ROAD  
 ST. CHARLES, MO 63001  
 (636)466-9200

**SEDIMENT AND EROSION CONTROL PLAN NOTES**

- Soil preparation and revegetation shall consist of Tall Fescue (TF) & Smooth Brome (SB) between March 1st and June 1st at a rate of TF=30lbs/AC & SB=20lb/AC. See Appendix A of the Model Sediment and Erosion Control Regulations for Urban Development.
- Proposed phasing of development (rough dates) including:  
 DEC 05 - JAN 06 a. Clearing  
 JAN 06 - MAY 06 b. Grading and construction (installation of temporary sediment control, storm drainage, paving).  
 MAY 06 - JUNE 06 c. Final Grading and Landscaping (vegetative cover).
- Where natural vegetation is removed during grading, vegetation shall be re-established in such a density as to prevent erosion. Permanent type grasses shall be established as soon as possible or during the next seeding period after grading has been completed. Refer to Appendix A of St. Charles Soil and Water Conservation District - Model Sediment and Erosion Control
- When grading operations are completed or suspended for more than 14 days, permanent grass must be established at sufficient density to provide erosion control on the site. Between permanent grass seeding periods, temporary cover shall be provided according to the designated officials recommendation. Refer to Appendix A of St. Charles Soil and Water Conservation District - Model Sediment and Erosion Control Regulations.
- Erosion control systems shall be inspected and necessary corrections made within 24 hours of any rainstorm resulting in one-half inch of rain or more.
- The contractor shall assume complete responsibility for controlling all siltation and erosion of the project area. The contractor shall use whatever means necessary to control erosion and siltation including, but not limited to, staked straw bales and/or siltation fabric fences (possible methods of control are detailed in the plan). Control shall commence with grading and be maintained throughout the project until acceptance of the work by the Owner and/or the City of O'Fallon and/or MoDOT. The contractor's responsibilities include all design and implementation as required to prevent erosion and the depositing of silt. The Owner and/or the City of O'Fallon and/or MoDOT may at their option direct the Contractor in his methods as deemed fit to protect property and improvements. Any depositing of silts or mud on new or existing pavement or in new or existing storm sewers or swales shall be removed after each rain and affected areas cleaned to the satisfaction of the Owner and/or the City of O'Fallon and/or MoDOT.
- Site shall be in compliance with Phase II Storm Water Guidelines.

- NOTES:**
- REFER TO THE EROSION CONTROL DETAILS FOR CONSTRUCTION METHODS OF THESE DEVICES.
  - CONTRACTOR MUST WASH DOWN ALL VEHICLES DURING CONSTRUCTION. CONTRACTOR SHALL KEEP ALL MUD AND DEBRIS OFF OF ALL CITY STREETS.

**SILTATION CONTROL PLAN LEGEND**

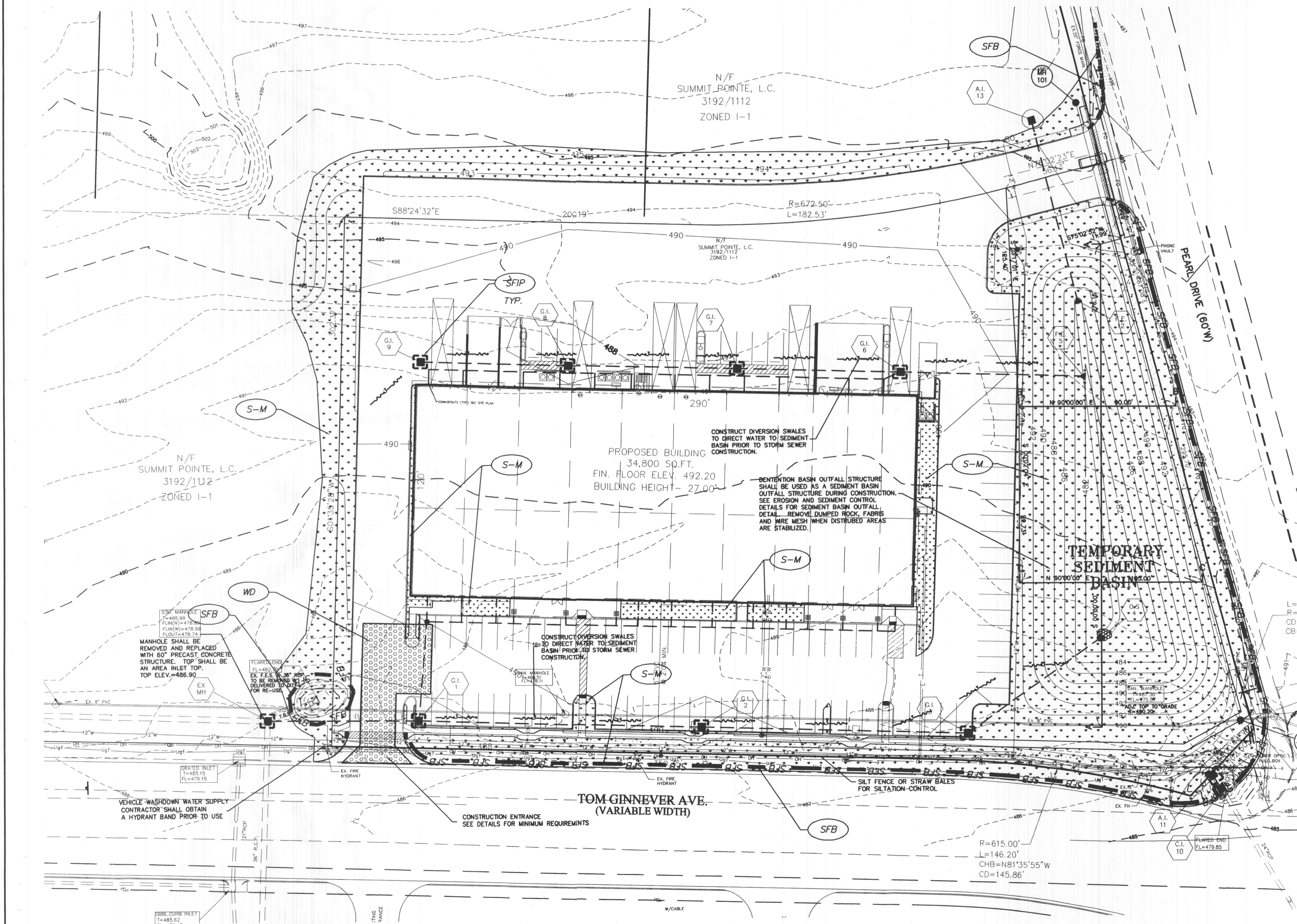
SYMBOL	CALLOUT	DESCRIPTION
DS-X	DS-X	DIVERSION SWALE (SEE DETAILS)
SFB	SFB	SYNTHETIC FILTER BARRIER
S-M	S-M	SEED AND MULCH
WD	WD	VEHICLE WASHDOWN AREA

**ENGINEERS AUTHENTICATION**  
 The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.



DRAWN	B.PARKS	DATE	12-16-05
CHECKED	D.BYRD	DATE	12-16-05
PROJECT #	01212.BRST.01C	TASK #	1
		FIELD BOOK	X

IMPROVEMENT PLANS  
 COUNTRY SIDE CARPETS  
 EROSION AND SEDIMENT CONTROL PLAN  
 SHEET 4 OF 10  
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**NOTE**  
 Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction.