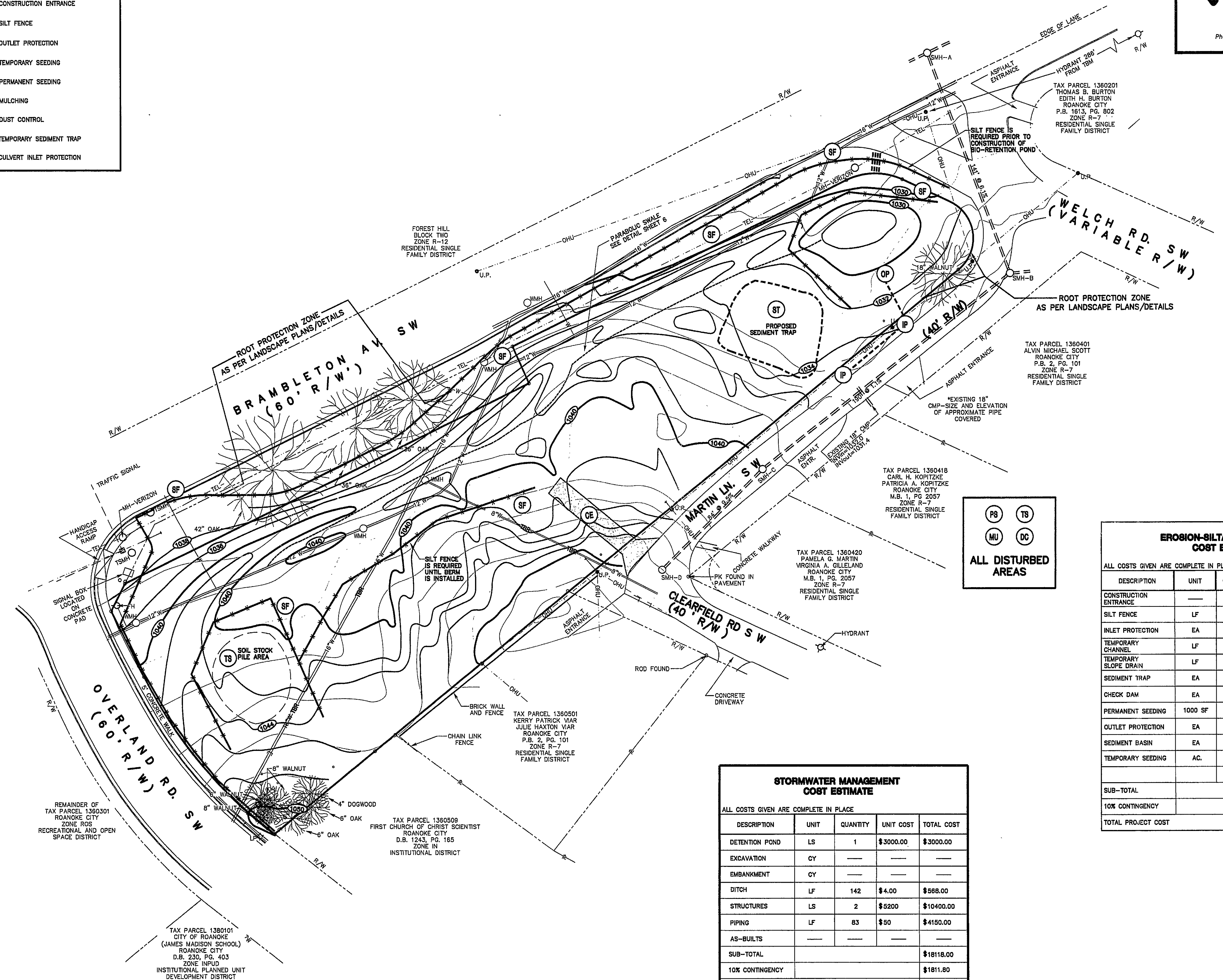


EROSION CONTROL SYMBOLS:

- OE 3.02 CONSTRUCTION ENTRANCE
- SF 3.05 SILT FENCE
- OP 3.18 OUTLET PROTECTION
- TS 3.31 TEMPORARY SEEDING
- PS 3.32 PERMANENT SEEDING
- MU 3.35 MULCHING
- DC 3.39 DUST CONTROL
- ST 3.13 TEMPORARY SEDIMENT TRAP
- IP 3.07 CULVERT INLET PROTECTION

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PS TS
MU DC
ALL DISTURBED AREAS

STORMWATER MANAGEMENT COST ESTIMATE

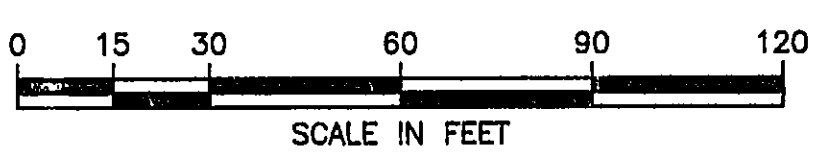
ALL COSTS GIVEN ARE COMPLETE IN PLACE

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
DETENTION POND	LS	1	\$3000.00	\$3000.00
EXCAVATION	CY	—	—	—
EMBANKMENT	CY	—	—	—
DITCH	LF	142	\$4.00	\$568.00
STRUCTURES	LS	2	\$5200	\$10400.00
PIPING	LF	83	\$50	\$4150.00
AS-BUILTS	—	—	—	—
SUB-TOTAL				\$18118.00
10% CONTINGENCY				\$1811.80
TOTAL PROJECT COST				\$19929.80

EROSION-SILTATION CONTROL COST ESTIMATE

ALL COSTS GIVEN ARE COMPLETE IN PLACE

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
CONSTRUCTION ENTRANCE	—	1	\$2500.00	\$2500.00
SILT FENCE	LF	1362	\$3.00	\$4086.00
INLET PROTECTION	EA	2	\$200	\$400
TEMPORARY CHANNEL	LF	—	—	—
TEMPORARY SLOPE DRAIN	LF	—	—	—
SEDIMENT TRAP	EA	1	\$2300.00	\$2300.00
CHECK DAM	EA	—	—	—
PERMANENT SEEDING	1000 SF	79	\$45.00	\$3555.00
OUTLET PROTECTION	EA	1	\$300.00	\$300.00
SEDIMENT BASIN	EA	—	—	—
TEMPORARY SEEDING	AC	2	\$500.00	\$1000.00
SUB-TOTAL				\$14141.00
10% CONTINGENCY				\$1414.00
TOTAL PROJECT COST				\$15555.00



Madison Field Subdivision
EROSION CONTROL
Located on Brambleton Avenue in the City of Roanoke, Virginia
1647.1

COMMONWEALTH OF VIRGINIA
MICHAEL G. GAY
No. 17560
3/13/07
PROFESSIONAL ENGINEER

Dates: 12/21/06
Scale: 1" = 30'
Revisions: 2/15/07
3/13/07
Drawn By: PLJ
Review By: mjs
Project No. 1647.1