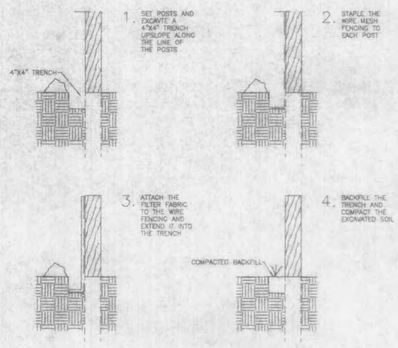
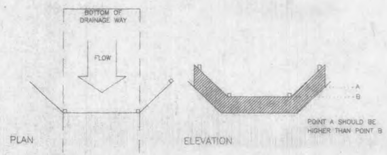
SYNTHETIC FILTER BARRIER

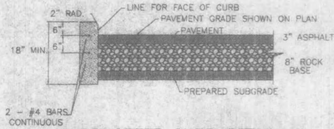
1. FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.
4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.



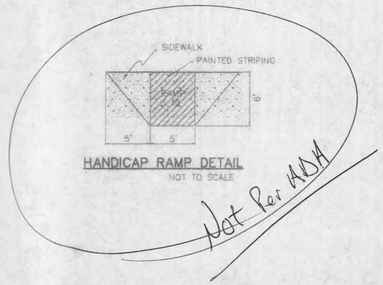


SILTATION FENCE
NOT TO SCALE

HANDICAP SIGN DETAIL
NOT TO SCALE



CONCRETE CURB DETAIL
NOT TO SCALE



HANDICAP RAMP DETAIL
NOT TO SCALE

Not Per MUTCD

LANDSCAPING LEGEND

	QUANITY	SIZE
BRADFORD PEAR	5	3" CAL.
RED MAPLE	16	3" CAL.

LANDSCAPING NOTE

1. ONE TREE FOR EVERY 40 FT. OF STREET FRONTAGE, PLUS ONE TREE FOR 3,000 SQ.FT. OF LANDSCAPED OPEN SPACE. 5 TREES ARE REQUIRED STREET FRONTAGE. NO TREES WILL REMAIN. SO 8500 SQ.FT. OF LANDSCAPES OPEN SPACE REQUIRES 3 TREES. THERE ARE NO EXISTING TREES ON THIS SITE.
2. THERE ARE CURRENTLY NO TREES ON SITE. SO 15 TREES PER ACRES ARE REQUIRED TO BE PLANTED. 1.06 ACRES REQUIRES 16 TREES.

VEGETATION ESTABLISHMENT
For Urban Development Sites
APPENDIX A

SEEDING RATES:

PERMANENT:
- Tall Fescue – 30 lbs./ac.
- Smooth Brome – 20 lbs./ac.
- Combined – Fescue @ 15 lbs./ac. AND Brome @ 10 lbs./ac.

TEMPORARY:
- Wheat or Rye – 150 lbs./ac. (3.5 lbs. per sq. ft.)
- Oats – 120 lbs./ac. (2.75 lbs. per sq. ft.)

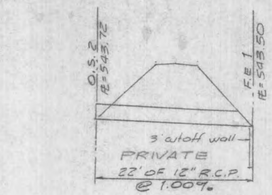
SEEDING PERIODS:
- Fescue or Brome – March 1 to June 1, August 1 to October 1
- Wheat or Rye – March 15 to November 1
- Oats – March 15 to September 15

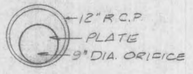
MULCH RATES:
100 lbs. per 1000 sq. ft. (4,356 lbs. per ac.)

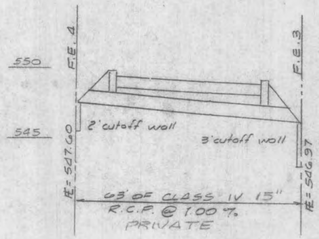
FERTILIZER RATES:

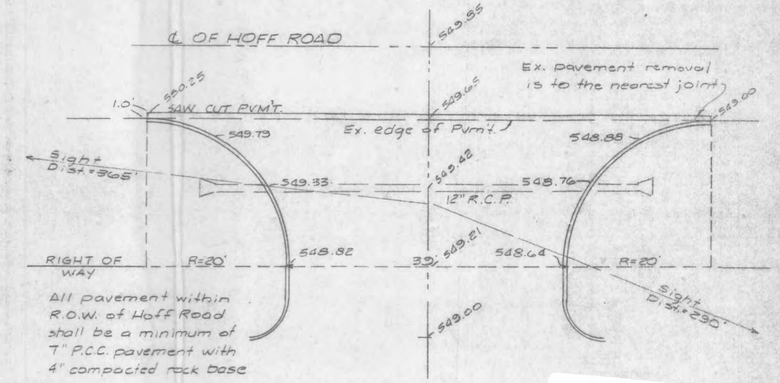
Nitrogen	30 lbs./ac.
Phosphate	30 lbs./ac.
Potassium	30 lbs./ac.
Lime	600 lbs./ac. ENM*

* ENM = effective neutralizing material as per State evaluation of quarried rock.







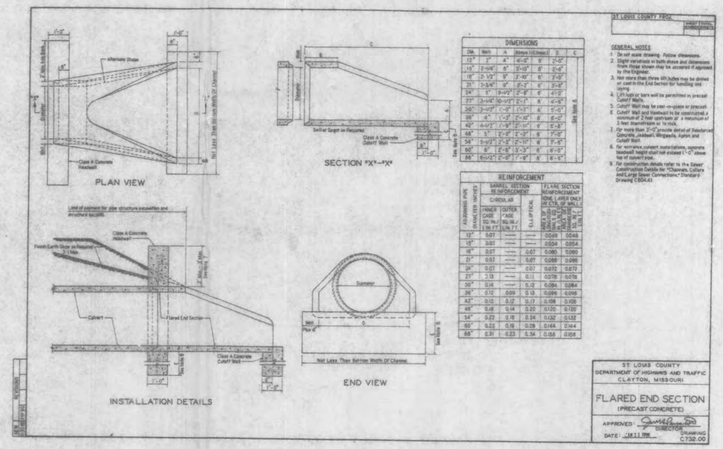


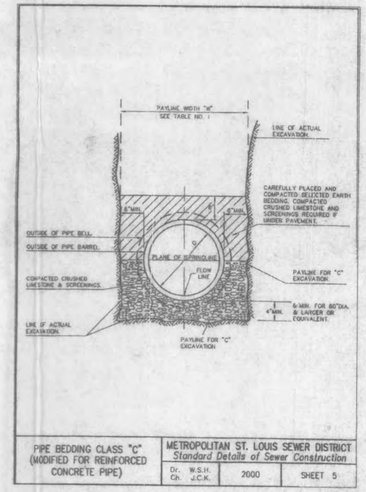
ENTRANCE DETAIL
SCALE: 1"=10'

"Traffic control per MUTCD".

ject Name:05010 Description:Carpel Art - Rocky Nelf	CALCULATION TYPE: Actual Flow	8/12/2005Pg. 1 of 1

DSP ATR	LOW ATR	LAM DIA	PIPE- TYPE	PIPE- SIZE	LOWER FT	LOWER FL	LOWER ELEV	PIPE TYPE	UPPER FT	UPPER FL	UPPER ELEV	DROP FT	DROP FL	DROP ELEV	LOWER HEAD	RIM HEAD	RIM ELEV	DRV GRD	STR CAP	INL CAP	DS AREA	PI	Inlet Q	Pipe TQ	Manin No	Pvm Ang	Cv Rad	Bend Ang	Pipe Dep	Remark
092	TE1	22.0	12	24"CMP	543.72	543.50	544.50	1.00	544.72	0.12	544.60	544.14	0.0057	0.13	3.41	1.28	0.24	0.00	0.00	0.00	0.00	0.70	3.85	2.69	2.69	0.013	0			3.6	
092	TE1	22.0	12	543.72	543.50	544.50	1.00	544.72	0.12	544.60	544.14	0.0057	0.13	3.41	1.28	0.24	0.00	0.00	0.00	0.00	0.00	0.70	3.85	2.69	2.69	0.013	0			3.6	





PIPE BEDDING CLASS "C" (MODIFIED FOR REINFORCED CONCRETE PIPE)	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. W.S.H. Ch. J.C.K.	2000	SHEET 5

STATE OF MISSOURI
RONALD GEORGE FEMBER
NUMBER E-22108
REGISTERED PROFESSIONAL ENGINEER

8/12/05

LANDMARK SURVEYING & ENGINEERING, INC.
802 E. MAIN WENTZVILLE, MO. 63385
PHONE NO. 636-332-9190 636-327-5853
FAX. NO. 636-332-9285

PROFILES & DETAILS

DRAWN BY: DWW	DATE: 8-12-05	SHEET 3 OF 4
CHECKED BY: DWW	DATE:	
REVISIONS BY: GJD	DATE:	
FILENAME:		