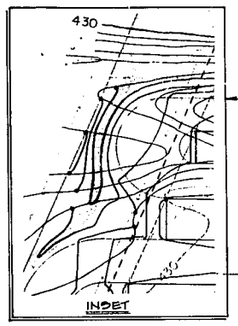


UPON REMOVAL OF BASIN ESTABLISH FINAL GRADE AS SHOWN BY INSET.

LINE SWALE WITH CLASS 'A' EROSION CONTROL STONE (2"-6") 6' WIDE WITH 3:1 SIDESLOPES

PARKWAY P.U.D. O & I

PARKWAY P.U.D. O & I

OLD APEX ROAD

60' RIGHT OF WAY (OFFSET)
65' b-b (PROPOSED)

CONTRACTOR MUST COORDINATE CONSTRUCTION SCHEDULE WITH U S SPRINT (1-800-521-0575), A U S SPRINT REPRESENTATIVE MUST BE ONSITE DURING CONSTRUCTION.

SCALE IN FEET 0 40 80 160

N 69° 33' 30" E 842.79'

OWNER WILL ACQUIRE ALL NECESSARY EASEMENTS AND DEDICATE OR CAUSE TO BE DEDICATED THE EASEMENT FOR THE 8" WATERLINE

CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY LOCATIONS WHICH WILL AFFECT THE INSTALLATION OF THE 8" WATERLINE

FILTER BASIN
0.7 ACRES DENUDED
SEDIMENT STORAGE ZONE = 1,270 CF.
D&H EXISTING DRAINAGE SWALE WITH FILTER MATERIAL ONLY (NO EARTH)

SILT FENCE

CLASS 'A' EROSION CONTROL STONE (2"-6") EXISTING TO SWALE 6' WIDE W/ 3:1 SIDESLOPES

SCL RR R/W

8" PVC WATERLINE

20' EASEMENT

EXISTING 5' LANDSCAPE SCREEN

FILTER BASIN
0.8 ACRES DENUDED
SEDIMENT STORAGE ZONE = 1,450 CF.
FILTER LENGTH = 15'

I-P
BESPAK

PAVING = 2" I-2
8" ABC
BASE

GUARDRAIL AS PER N.C. DOT STD. 862.01E USING TERMINAL END SECTIONS

BLDG. A 20' x 225' 4500 SF FFE 431.50

BLDG. B 25' x 245' 6125 SF FFE 431.50

BLDG. C 45' x 270' 12150 SF FFE 431.50

FFE 430.83

EXISTING BLDG. 1

EXISTING BLDG. 2

EXISTING BLDG. 3

EXISTING BLDG. 4

I-1

EXISTING LANDSCAPING

REMOVE EXIST. FENCE

N 69° 31' 18" E 997.07'

REPLACE EXISTING 6" 90° ELBOW WITH 6"x6" Tee, 6" GATE VALVE & 6"x8" INCREASER

EXISTING FIRE HYDRANT

EXIST. OFFICE

TREE PROTECTION FENCE

APPROX. 190' TO ℄ OLD APEX RD. (SEE SHT. 1-1)

CARY PARKWAY
206' RIGHT OF WAY

I-1
WOODWINDS IND. PARK

I-P

DIVERSION DITCH (SEE DETAIL)

6' HIGH CHAIN LINK SECURITY FENCE WITH HEDGE GREEN SLATS

SILT FENCE

CP&L EASEMENT

Bufferyard B

Bufferyard C

EXTERIOR STORAGE
6" Crushed Stone
30 SPACES - 10'x 20'
6X6 TREATED WOOD CURB CONTINUOUS ALONG OUTSIDE PERIMETER OF STONE

EXTERIOR STORAGE
6" Crushed Stone
12 SPACES - 10' x 40' ea.
8 SPACES - 10'x 40' ea.
27 SPACES - 10'x 20' ea.
6X6 TREATED WOOD CURB CONTINUOUS ALONG OUTSIDE PERIMETER OF STONE

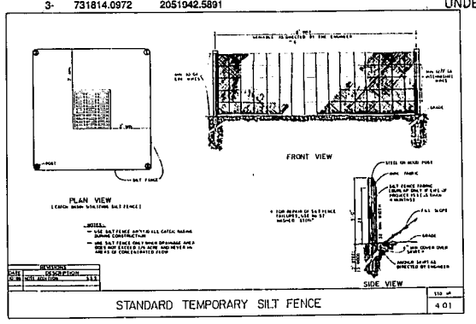
FILTER BASIN
0.5 ACRES DENUDED
SEDIMENT STORAGE ZONE = 900 CF
FILTER LENGTH = 30'

THE FOLLOWING COORDINATES REPRESENT THE LOCATION OF THE PETROLEUM PIPELINE. THE FIELD LOCATIONS WERE MARKED BY A PREPRESENTATIVE OF COLONIAL PIPELINE COMPANY. THESE COORDINATES RUN NORTH OF THE FENCE ENCLOSED VALVE:

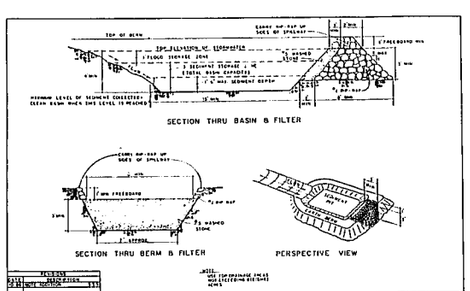
	NORTHING	EASTING
1-	731686.4683	2051935.6811
2-	731725.8609	2051937.8714
3-	731814.0972	2051942.5891

O & I
TRIVEST PROPERTIES, INC.
UNDEVELOPED

O & I
TRIVEST PROPERTIES, INC.
UNDEVELOPED



STANDARD TEMPORARY SILT FENCE 4.01



GRAVEL & RIP-RAP FILTER BASIN 4.03

SEEDING SCHEDULE
(REVISED: 1-1-88)

SHOULDERS, DITCHES, SLOPES (MAX. 3:1)

DATE	TYPE	PLANTING RATE
AUG 15-NOV 1	TALL FESCUE	300 LBS/ACRE
NOV 1-MAR 1	TALL FESCUE	300 LBS/ACRE
	SABRUZEZ RYE	25 LBS/ACRE
MAR 1-APR 1, 15	TALL FESCUE	300 LBS/ACRE
APRIL 15-JUNE 30	MULED COMMON BERMUDAGRASS	25 LBS/ACRE
JULY 1-AUG 15	TALL FESCUE **	120 LBS/ACRE
	***CROWN TOP VALLEY	25 LBS/ACRE
	***SORGHUM-SUDAN HYBRIDS	30 LBS/ACRE

SLOPES (2:1 to 3:1)

MAR 1-JUNE 1	SERICEA LESPEDEZA (SCARIFIED)	50 LBS/ACRE
(MAR 1-APR 15)	TALL FESCUE	120 LBS/ACRE
(MAR 1-JUNE 30)	WEEPING LOVEGRASS	10 LBS/ACRE
(MAR 1-JUNE 30)	MULED COMMON BERMUDAGRASS	25 LBS/ACRE
JUNE 1-SEPT 1	**TALL FESCUE and	120 LBS/ACRE
	***CROWN TOP VALLEY and	25 LBS/ACRE
	***SORGHUM-SUDAN HYBRIDS	30 LBS/ACRE
SEPT 1-MAR 1	SERICEA LESPEDEZA (UNHULLED-UNSCARIFIED) and	70 LBS/ACRE
	TALL FESCUE	120 LBS/ACRE
NOV 1-MAR 1	RED RIBBED RYE	25 LBS/ACRE

CONSULT CONSERVATION ENGINEER OR SOIL CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE TO-DISE WHICH DO WELL UNDER LOCAL CONDITIONS, OTHER SEEDING DATE COMBINATIONS ARE POSSIBLE.

** 5" MINIMUM - RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW OVER 12" IN HEIGHT BEFORE MOWING, OTHERWISE FESCUE MAY BE SHADED OUT.

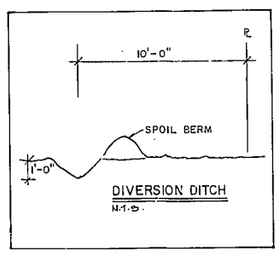
SEEDBED PREPARATION

1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL OVER ADVERSE SOIL CONDITIONS WHEN APPLICABLE.
2. CULTIVATE ENTIRE AREA TO A DEPTH OF 6".
3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
4. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AT RATES SHOWN BELOW AND MIX WITH SOIL.
5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM REASONABLY UNIFORM SEEDBED IS PREPARED TO A DEPTH OF 4 TO 6 INCHES.
6. SOW ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
7. MULCH WITH STRAW AND ANCHOR.
8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN ONE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 40% DAMAGED, RE-ESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
9. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

APPLICATION RATES:
AGRICULTURAL LIMESTONE - 2 TONS/ACRE
FERTILIZER (10-10-10) - 800-1000 LBS/ACRE
SUPERPHOSPHATE (20% ANALYSIS) - 300 LBS/ACRE
MULCH (SMALL GRAIN STRAW) - 80 BALES/ACRE
ANCHOR TACK - LIQUID ASPHALT - 400 GALS/ACRE
EMULSIFIED ASPHALT - 300 GALS/ACRE

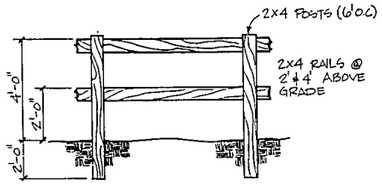
CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT.
2. INSTALL ALL EROSION CONTROL MEASURES AS SHOWN.
3. OBTAIN CERTIFICATE OF COMPLIANCE THROUGH ON-SITE INSPECTION BY LOCAL EROSION CONTROL ENGINEER.
4. PROCEED WITH GRADING.
5. CLEAN SEDIMENT BASINS WHEN HALF FULL.
6. UPON CONSTRUCTION OF EACH DRAINAGE STRUCTURE BOX INSTALL SEDIMENT FILTER AS INDICATED IN DETAIL AND MAINTAIN UNTIL AT SUCH TIME THAT BASE COURSE IS IN PLACE.
7. SEED AND MULCH DENUDED AREA WITHIN 30 DAYS AFTER FINISHED GRADES ARE ESTABLISHED.
8. MAINTAIN SOIL EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
9. UPON FINAL APPROVAL BY EROSION CONTROL ENGINEER, REMOVE SOIL EROSION CONTROL MEASURES AND STABILIZE THESE AREAS.



NOTE:
THE TWO PARCELS PROPOSED FOR DEVELOPMENT WILL BE COMBINED WITH THE EXISTING COLONIAL SELF STORAGE TRACT

*NOTE: ALL CONSTRUCTION TO BE DONE ACCORDING TO CURRENT TOWN OF CARY STANDARDS.



TREE PROTECTION FENCE
NOT TO SCALE

SITE DATA

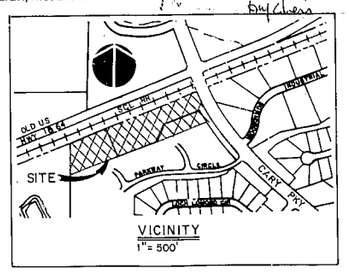
ZONING EXISTING DEVELOPMENT I-1
PROPOSED ADDITION I-P

TOTAL SITE AREA	287,928 SF	6.61AC	
AREA WITHIN ROW	81,700 SF	1.88AC	
BASE SITE AREA	206,228 SF	4.73AC	
EXISTING OFFICE/RESIDENCE	960 SF		
EXISTING WAREHOUSE	40,575 SF		
PROPOSED WAREHOUSE	22,775 SF		
TOTAL BUILDING AREA	64,310 SF		
EXTERIOR STORAGE	26,600 SF		
DRIVES-PARKING-WALKS	78,494 SF		
TOTAL DEVELOPED AREA	169,404 SF	3.89 AC	82%
LANDSCAPE REQUIRED	49,189 SF	1.13 AC	
LANDSCAPE PROVIDED	118,524 SF	2.72 AC	
PARKING PROVIDED	4 SPACES		

OWNER OF RECORD
TRIVEST PROPERTIES, INC
2305 WEST CARY PARKWAY
CARY, N.C. 27511

CONTRACT PURCHASER
COLONIAL SELF STORAGE
2840 PLAZA PLACE SUITE 210
RALEIGH, N.C. 27612

Public Water System Plans and Specifications
Approved by Department of Human Resources Division of Health Services Environmental Health Section
Initials MD-9097
Date 11-1-89



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DEC 13 1988
PLAN REVIEW UNIT

THE GRAPHICS

Wm. G. Daniel & Assoc.
Engineering Planning
Landscape Architecture

NORTH CAROLINA PROFESSIONAL SEAL 13035 ENGINEER LOTTIE GLENN SMITH

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 78 DONALD C. HINES

Revisions
16 NOV 1988
TOWN REVIEW COMMENTS
9 DEC 1988
EXISTING FIRE HYDRANT
7 FEB 1989
BUILDING FLOOR STEPS
MAY 1989 FFE ELEVATION
5 MAY 1989
REVISED PAVEMENT TO 2"S2, 8" ABC AS PER TOC
10 JULY 1989 - ADDED GUARDRAIL ADJACENT TO GAS PIPELINE
17 AUG 1989 - ADDED HYDRANT, WATERLINE & EASEMENT

Project
Colonial Self Storage Additions

GRADING, EROSION CONTROL SITE PLAN

Date
NOVEMBER 2, 1988

Scale
1" = 40'

Sheet
1