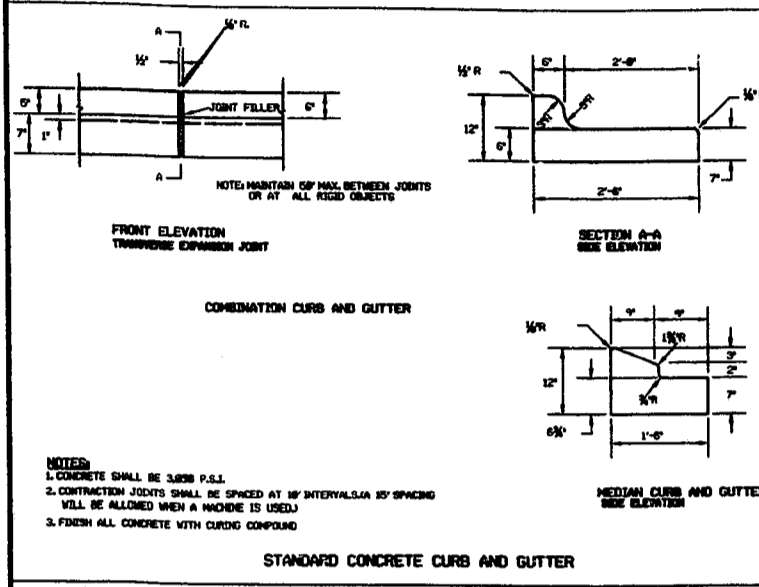
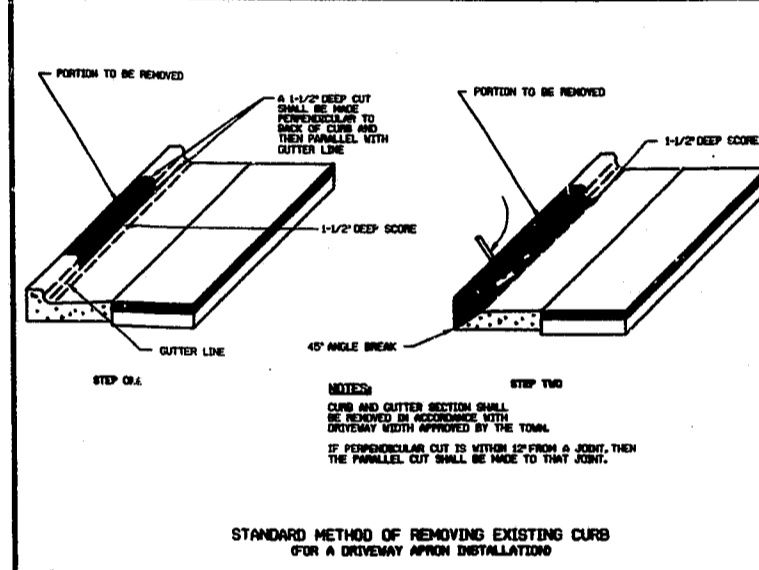


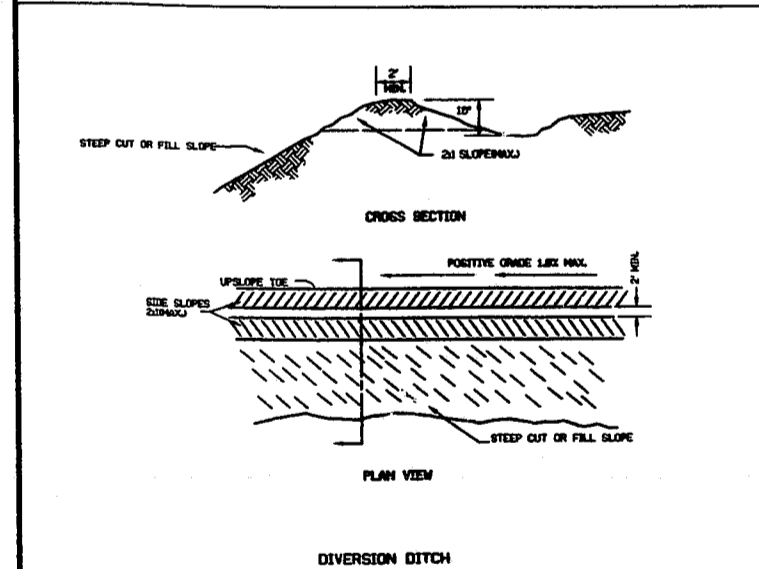
A.B.C. UNDER 2'-6\"/>



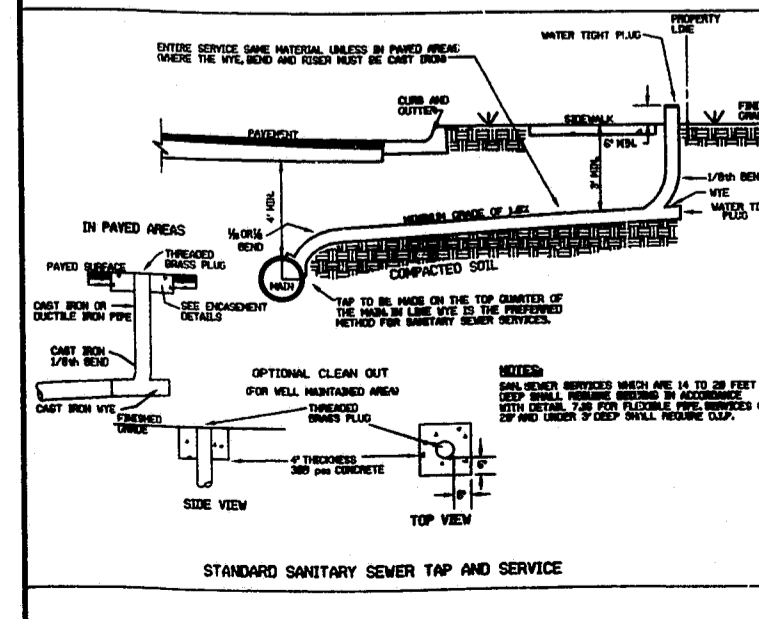
STANDARD CONCRETE CURB AND GUTTER



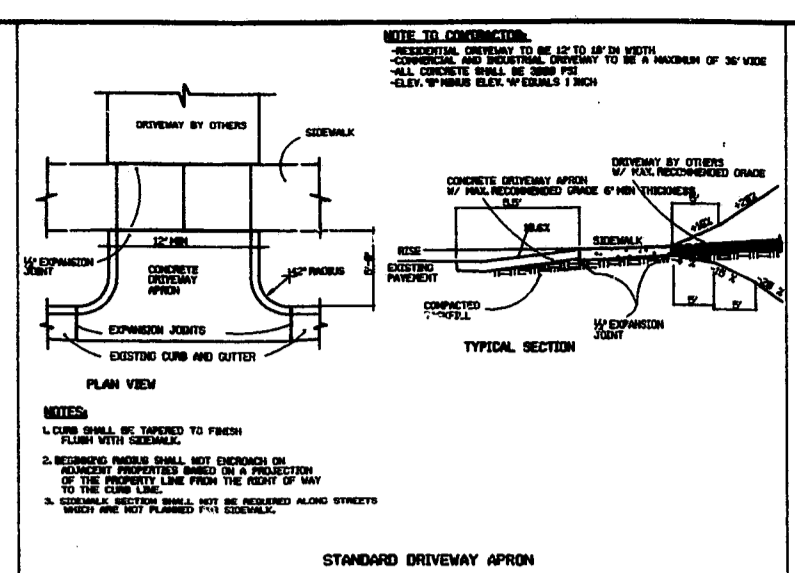
STANDARD METHOD OF REMOVING EXISTING CURB FOR A DRIVEWAY APRON INSTALLATION



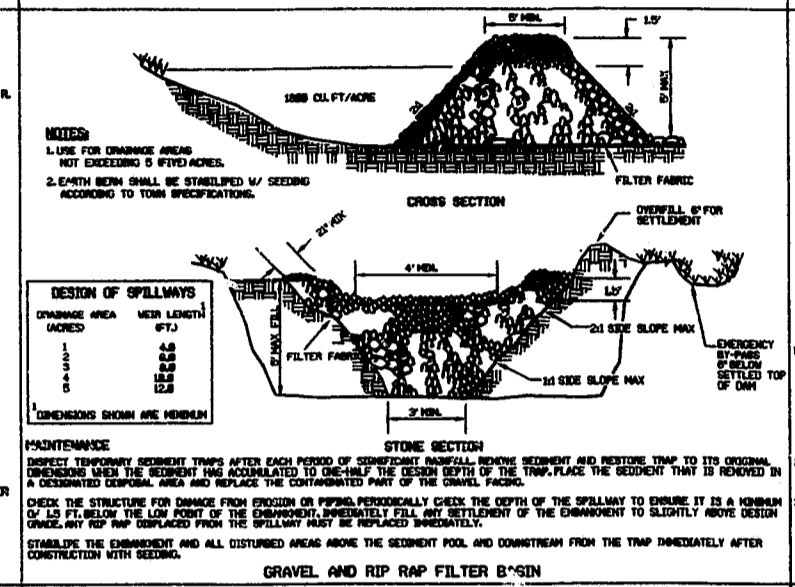
DIVERSION DITCH



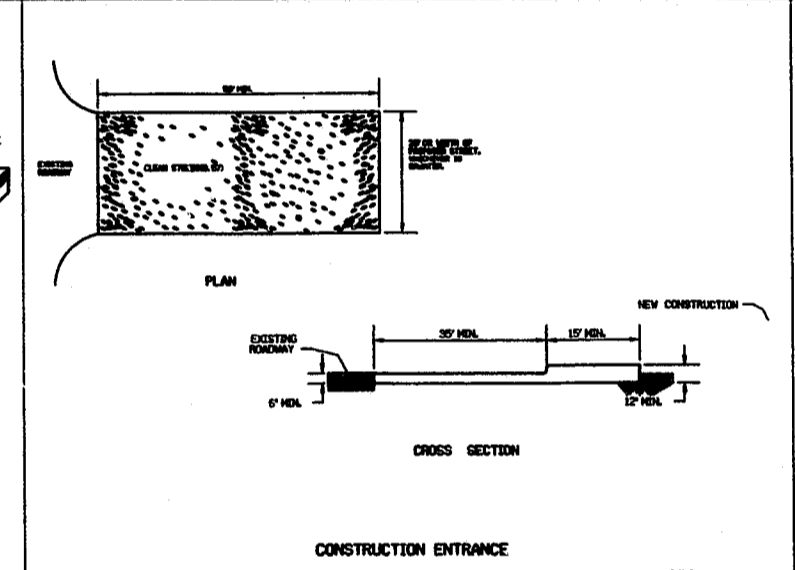
STANDARD SANITARY SEWER TAP AND SERVICE



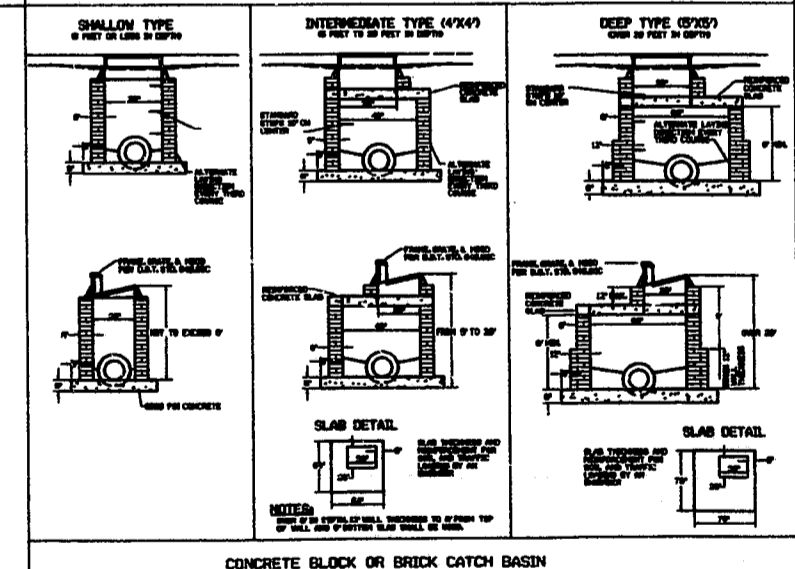
STANDARD DRIVEWAY APRON



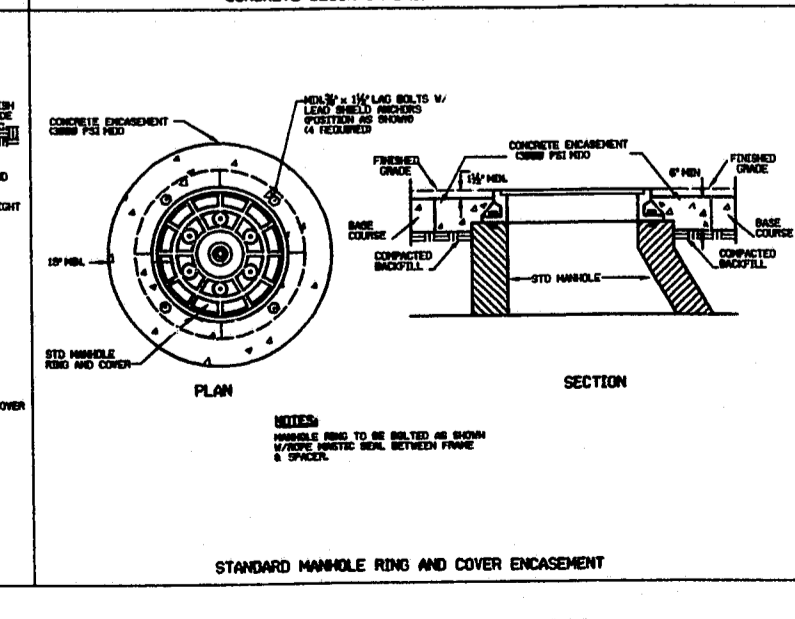
GRAVEL AND RIP RAP FILTER BASIN



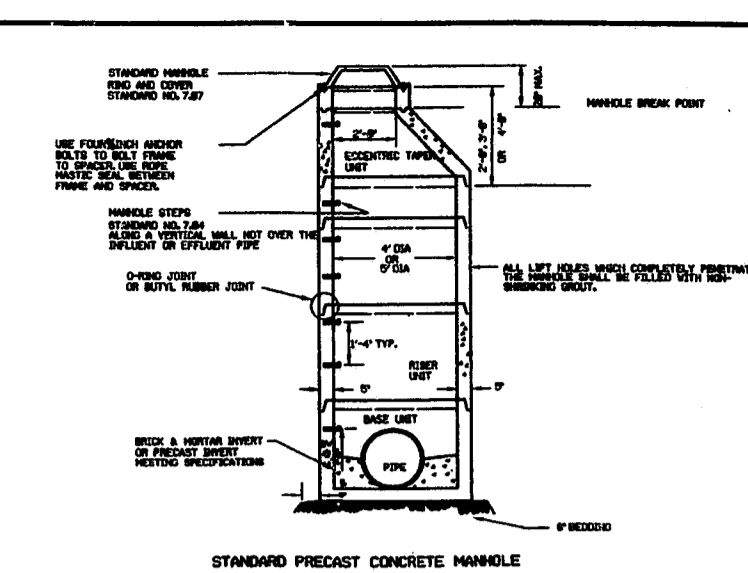
CONSTRUCTION ENTRANCE



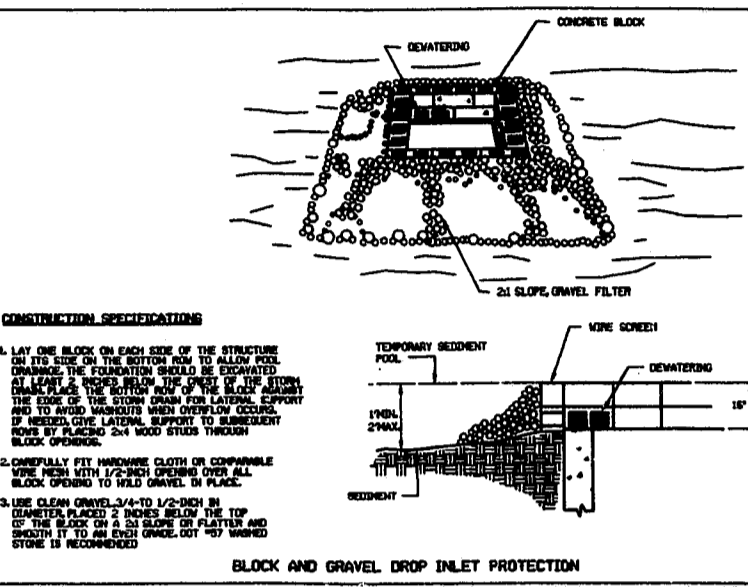
CONCRETE BLOCK OR BRICK CATCH BASIN



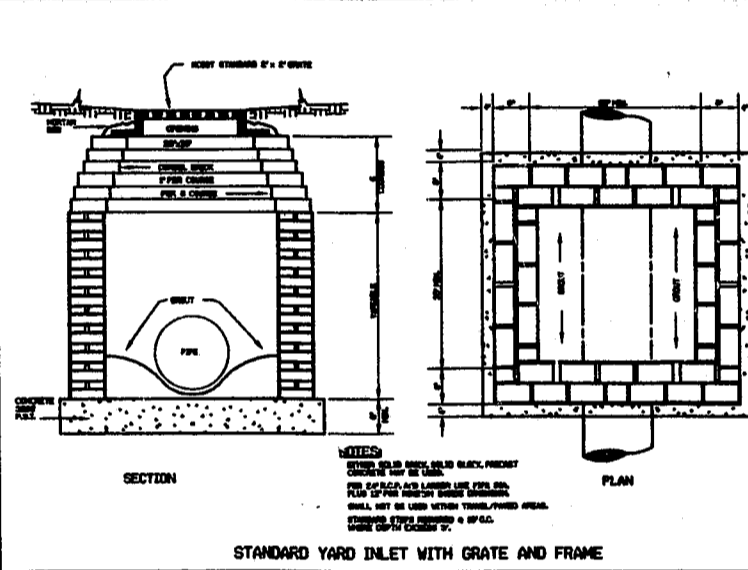
STANDARD MANHOLE RING AND COVER ENCASUREMENT



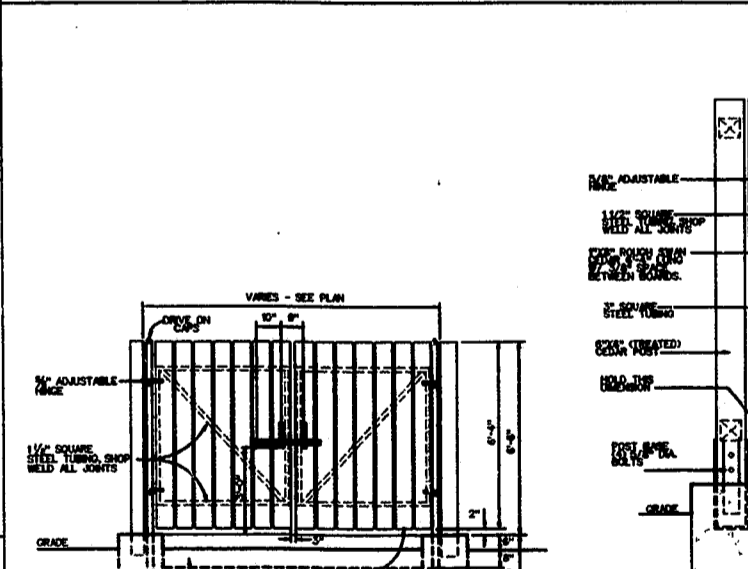
STANDARD PRECAST CONCRETE MANHOLE



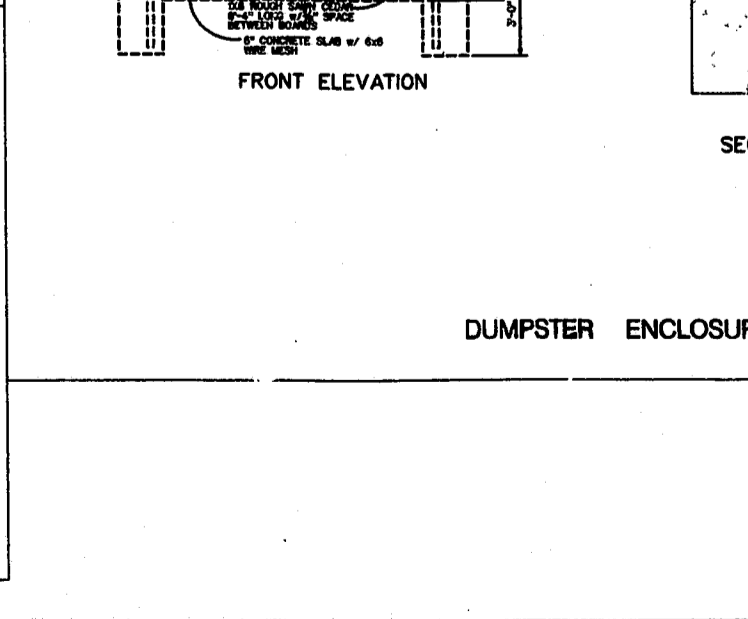
BLOCK AND GRAVEL DROP INLET PROTECTION



STANDARD YARD INLET WITH GRATE AND FRAME

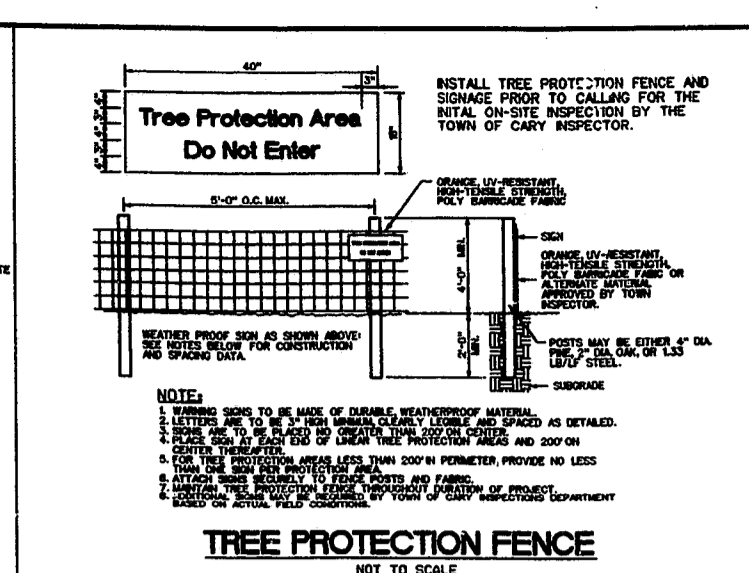


DUMPSTER ENCLOSURE DETAIL

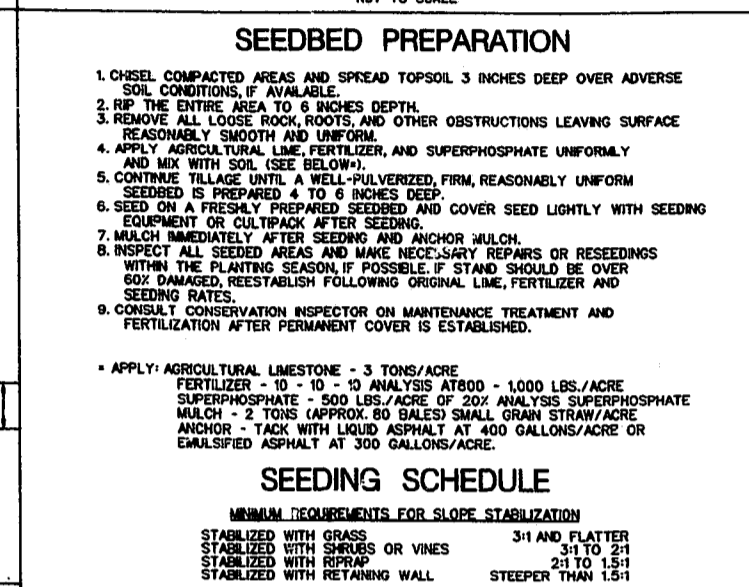


SECTION THRU GATE

SECTION THRU WALL



TREE PROTECTION FENCE



SEEDBED PREPARATION

**SEEDING SCHEDULE**

MINIMUM REQUIREMENTS FOR SLOPE STABILIZATION

DATE	TYPE	PLANTING RATE
AUG. 15 - NOV. 1	TALL FESCUE	300 LBS./ACRE
NOV. 1 - MAR. 1	TALL FESCUE	300 LBS./ACRE
MAR. 1 - APR. 15	TALL FESCUE	25 LBS./ACRE
APR. 15 - JUN. 1	TALL FESCUE	300 LBS./ACRE
JUL. 1 - AUG. 15	TALL FESCUE AND SERICEA LESPEDEZA (SCARIFIED)	125 LBS./ACRE
MAR. 1 - JUN. 1	SERICEA LESPEDEZA (SCARIFIED)	50 LBS./ACRE
MAR. 1 - APR. 15	ADD TALL FESCUE	120 LBS./ACRE
MAR. 1 - JUN. 30	OR ADD WEEPING LOVEGRASS	10 LBS./ACRE
MAR. 1 - JUN. 30	OR ADD HULLED COMMON BERMUDAGRASS	25 LBS./ACRE
JUN. 1 - SEP. 1	TALL FESCUE AND SERICEA LESPEDEZA (SCARIFIED)	35 LBS./ACRE
SEP. 1 - MAR. 1	SERICEA LESPEDEZA (HULLED-UNSCARIFIED)	170 LBS./ACRE
NOV. 1 - MAR. 1	ADD ABRUZZI RYE	25 LBS./ACRE

SEEDING SCHEDULE

**WATER SERVICES**

WATER SERVICES FROM MAIN TO METER SHALL BE 3/4" TYPE K SOFT COPPER TUBING (ASTM B88). 3/4" METER BOXES SHALL BE CAST IRON AND CONSIST OF A COMPLETE UNIT FOR SETTING A 3/8" X 3/4" WATER METER. METER STOPS SHALL BE DURING SEALED AND HAVE AN INLET ANGLE 60° AS MANUFACTURED BY FORD (YL-221-233) OR APPROVED EQUAL WITH LOCKING LID. METERS SHALL BE INSTALLED BY THE TOWN OF CARY UTILITIES DEPARTMENT.

**SANITARY SEWER SERVICES**

SANITARY SEWER SERVICES SHALL BE 4" CAST IRON, ABS, OR PVC PER TOWN OF CARY STANDARD. SERVICES SHALL BE PERPENDICULAR FROM THE SEWER MAIN TO THE STREET RIGHT-OF-WAY OR EDGE OF EASEMENT. SERVICE CONNECTIONS TO EXISTING SEWER MAINS SHALL BE INSTALLED BY THE TOWN OF CARY UTILITIES DEPARTMENT. SERVICE LINES WITH A COVER OF 8' OR GREATER SHALL REQUIRE CLASS 1 BEDDING PER TOWN OF CARY STANDARDS.

**GENERAL NOTES**

SANITARY SEWER SACKFLOW PREVENTORS SHALL BE PROVIDED FOR ALL UNITS WITH FINAL FLOOR ELEVATIONS OF BUILDINGS LESS THAN 1' ABOVE MANHOLE (LOCATE ON PRIVATE SIDE OF CLEANOUT). MINIMUM GROUND COVER OF 3" SHALL BE PROVIDED FOR ALL SANITARY SEWER COLLECTION LINES 4" AND LARGER IN NONTRAFFIC AREAS. MINIMUM COVER OF 4" FROM SUB-BASE IN TRAFFIC AREAS SHALL BE PROVIDED FOR ALL COLLECTOR LINES 4" AND LARGER. IF MINIMUM COVER IS LESS THAN 4" DUCTILE IRON PIPE SHALL BE REQUIRED IN CLASS 1 BEDDING (MINIMUM COVER SHALL BE 2X0 LESS THAN 3/2). MINIMUM SLOPE FOR 4" SANITARY SEWER COLLECTION LINES SHALL BE NO LESS THAN 1/8" WITH CLEANOUTS EVERY 50 LINEAL FEET. MINIMUM SLOPE FOR 6" SANITARY SEWER COLLECTION LINES SHALL BE NO LESS THAN 0.6X WITH CLEANOUTS EVERY 100 LINEAL FEET. MAINTAIN 12" VERTICAL SEPARATION FROM STORM SEWER OR SPECIFY FERROUS PIPE FOR SANITARY SEWER. ALSO MAINTAIN 10" HORIZONTAL SEPARATION AND 18" VERTICAL SEPARATION FROM WATER MAINS OR SPECIFY FERROUS PIPE FOR SANITARY SEWER. WATER MAINS SHALL BE INSTALLED AT A DEPTH WITH A MINIMUM COVER OF 3' WITH 18" VERTICAL CLEARANCE MINIMUM FROM OTHER UNDERGROUND UTILITIES AND 10' HORIZONTAL CLEARANCE FROM ALL OTHER UTILITIES. PRESSURE REDUCING VALVE SHALL BE PROVIDED IF PRESSURE IS IN EXCESS OF 80 PSI (PRESSURE REDUCERS FOR WATER SERVICES SHALL BE ON PRIVATE SIDE OF WATER METER). GENERAL: ALL WATER AND SEWER MAINS WITHIN PUBLIC EASEMENTS AND RIGHTS-OF-WAY SHALL BE OWNED, OPERATED AND MAINTAINED BY THE PUBLIC AUTHORITY. ALL CONSTRUCTION SHALL CONFORM TO LOCAL AUTHORITY STANDARDS. ALL UNDERGROUND UTILITIES ARE APPROXIMATELY LOCATED. ACTUAL LOCATION AND DEPTH SHALL BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION. STORM SEWER (RCP) SHALL BE CONSTRUCTED TO THE FOLLOWING CLASSES: COVER LESS THAN 10' - CLASS C OR D BEDDING CLASS II WALLS COVER 10' TO 15' - CLASS B BEDDING CLASS II WALLS COVER GREATER THAN 15' - CLASS B BEDDING CLASS IV WALLS PRIOR TO BEGINNING ANY CONSTRUCTION OF IMPROVEMENTS WITHIN ANY CITY OR NCDOT STREET OR HIGHWAY RIGHT-OF-WAY, THE FOLLOWING PROCEDURES SHALL BE UNDERTAKEN: CITY RIGHT-OF-WAY: CONTACT LOCAL AUTHORITIES TRAFFIC ENGINEERING DEPARTMENT FOR INFO ON DETOURS, OPEN-CUTTING OF STREETS, OR FOR ANY CONSTRUCTION WITHIN RIGHT-OF-WAY. NCDOT RIGHT-OF-WAY: CONTACT PROJECT ENGINEER(S) AND OBTAIN ALL PERMITS AND ENCROACHMENTS (KEEP COPIES ON CONSTRUCTION SITE). ALSO CONTACT NCDOT DISTRICT OFFICE 24 HOURS IN ADVANCE PRIOR TO PLACING CURB AND GUTTER.

DRIVEWAY: APPROVAL NO. \_\_\_\_\_ DATE \_\_\_\_\_

ENCROACHMENT FORM 16.1 (2-PARTY UTILITY) APPROVAL NO. \_\_\_\_\_ DATE \_\_\_\_\_

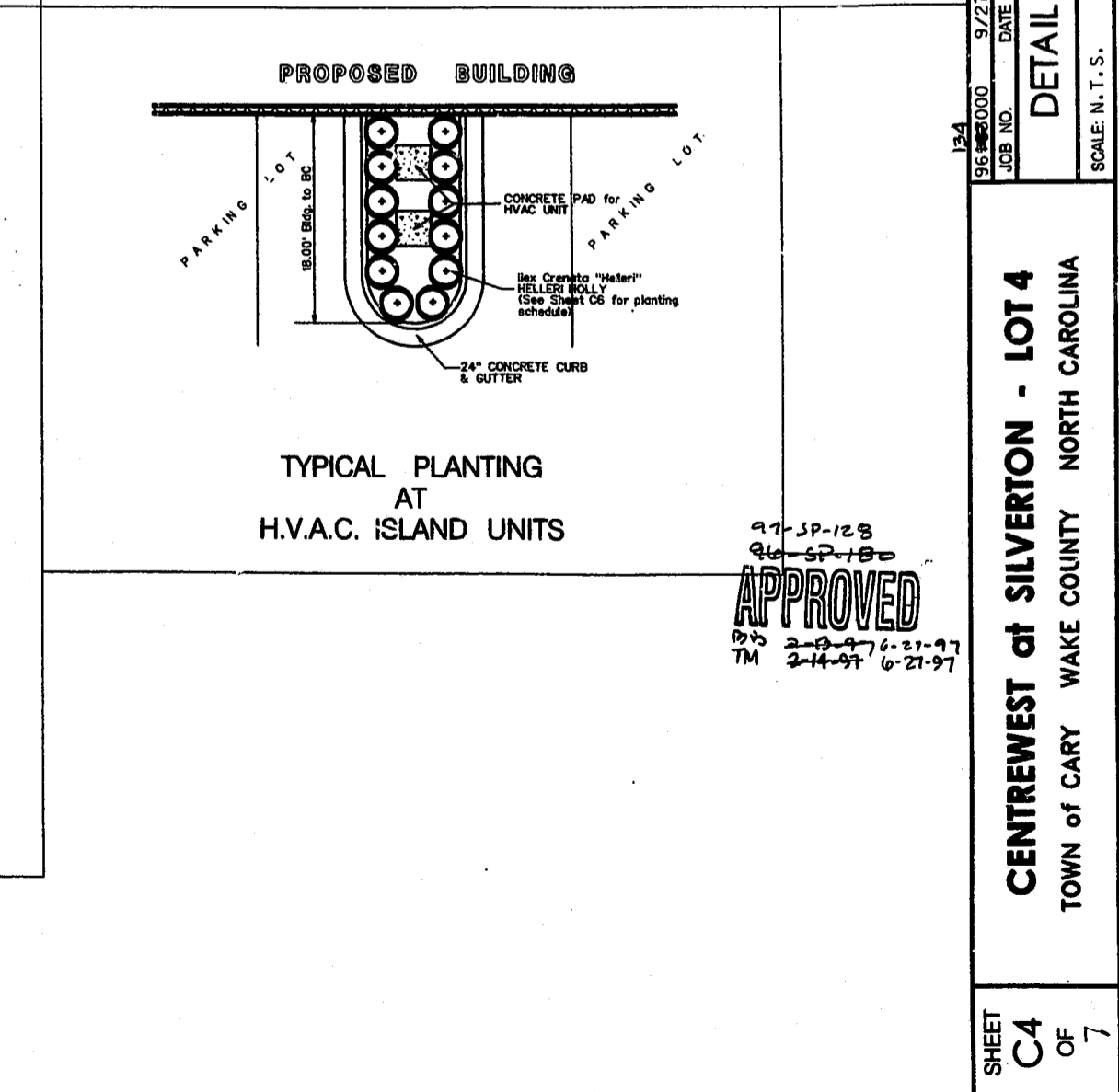
ENCROACHMENT FORM 16.1A (2-PARTY NON-UTILITY) APPROVAL NO. \_\_\_\_\_ DATE \_\_\_\_\_

ENCROACHMENT FORM 16.1B (STORM AND WIDENING) APPROVAL NO. \_\_\_\_\_ DATE \_\_\_\_\_

ENCROACHMENT FORM 16.6 (3-PARTY UTILITY) APPROVAL NO. \_\_\_\_\_ DATE \_\_\_\_\_

**IT'S THE LAW!**

AS OF JANUARY 1, 1986, NORTH CAROLINA STATE LAW REQUIRES ANYONE EXCAVATING WITH MECHANICAL EQUIPMENT ON HIGHWAY RIGHTS-OF-WAY, PRIVATE UTILITY EASEMENTS, OR PUBLIC SPACES TO NOTIFY ALL UTILITIES TWO (2) WORKING DAYS PRIOR TO DIGGING.



TYPICAL PLANTING AT H.V.A.C. ISLAND UNITS

APPROVED

97-SP-128  
96-SP-180  
97-SP-180  
97-SP-180  
97-SP-180  
97-SP-180

**BANK**

BASS, NIXON, & KENNEDY, INC., CONSULTING ENGINEERS  
7416 CHAPEL HILL ROAD, RALEIGH, N.C. 27607  
919-851-4422

DATE: 9/27/96  
DRAWN BY: [blank]  
JOB NO. 96-0000

**DETAIL SHEET**

SCALE: N.T.S.

**CENTREWEST of SILVERTON - LOT 4**  
TOWN OF CARY WAKE COUNTY NORTH CAROLINA

SHEET C4 OF 7

**NOT RELEASED FOR CONSTRUCTION**