

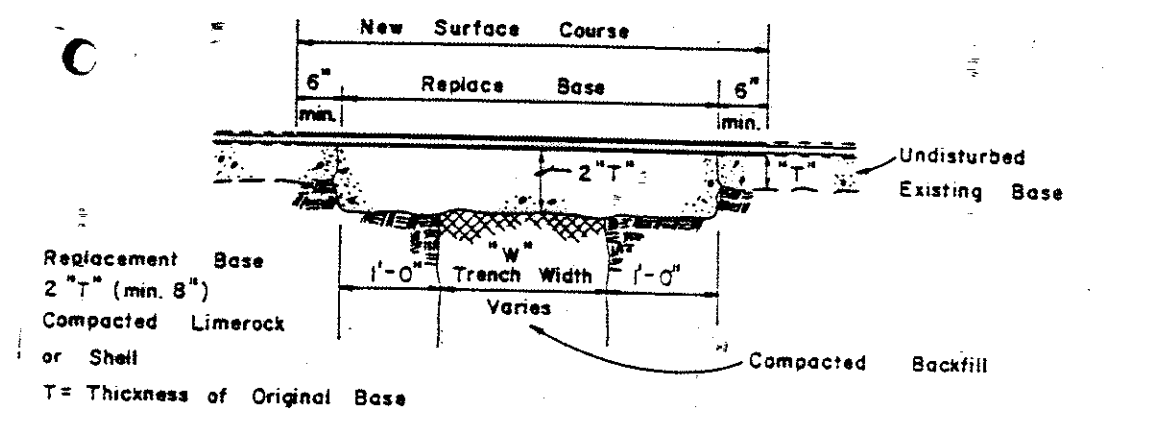
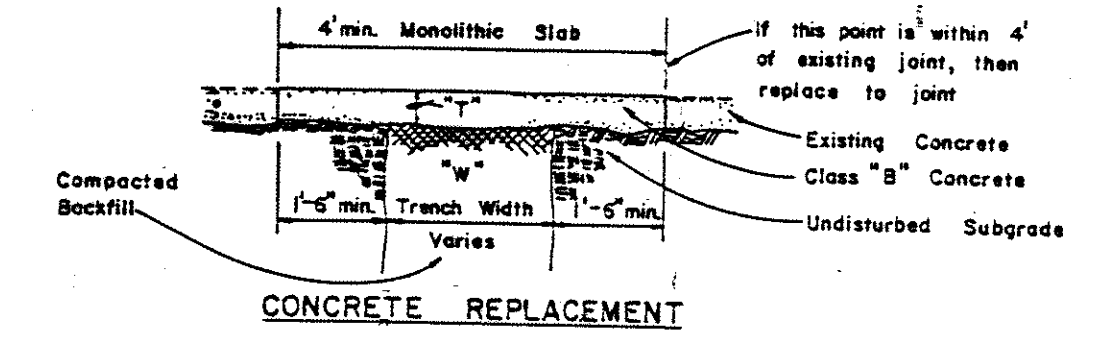
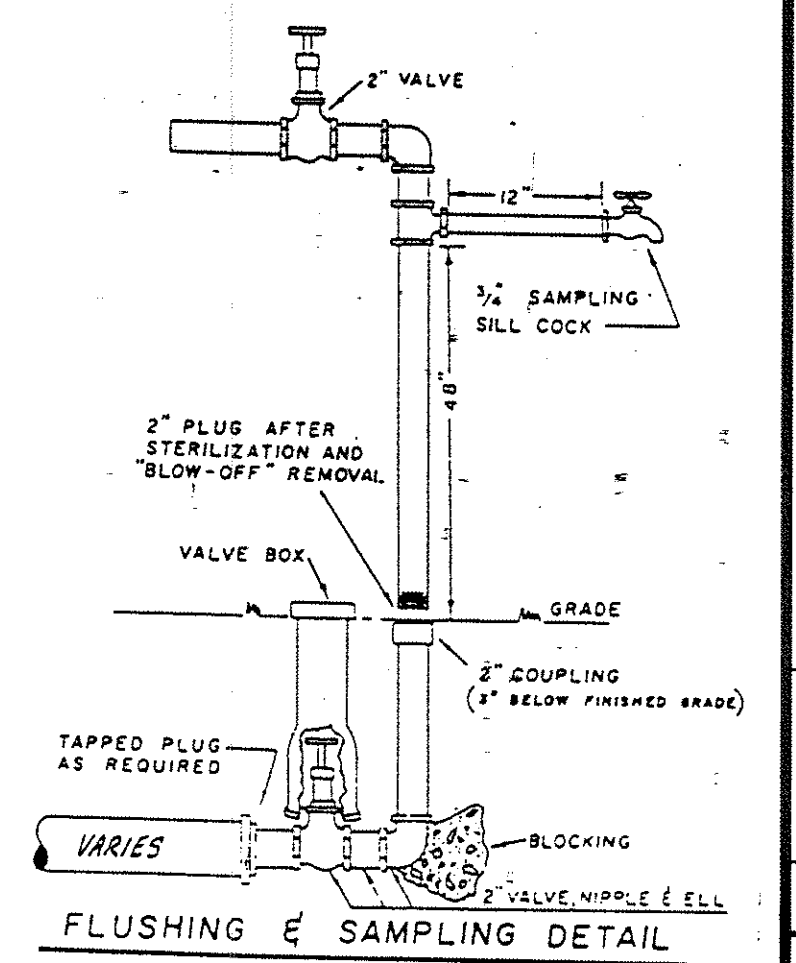
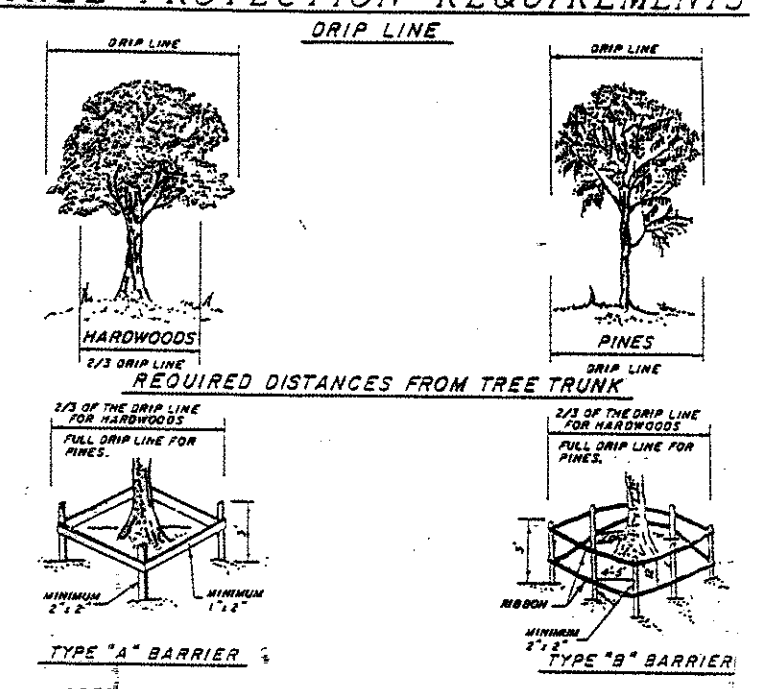
Section 13, Township 30 S., Range 15 E.  
 Pinellas County, Florida

**TREE PROTECTION REQUIREMENTS**

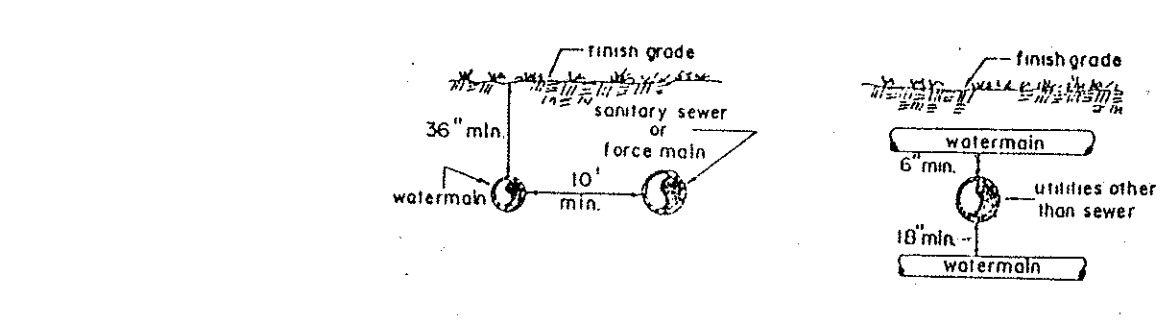
GRAPHIC SCALE  
 ( IN FEET )  
 1 inch = 20 ft.

**LANDSCAPE NOTES**

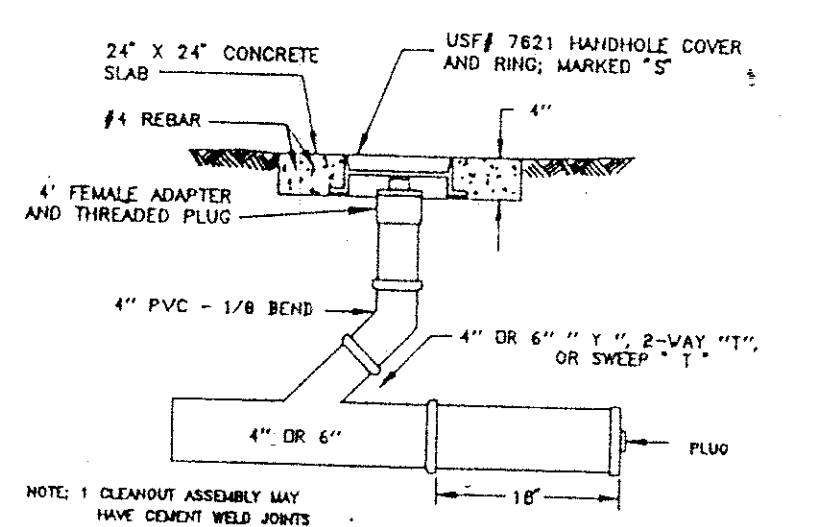
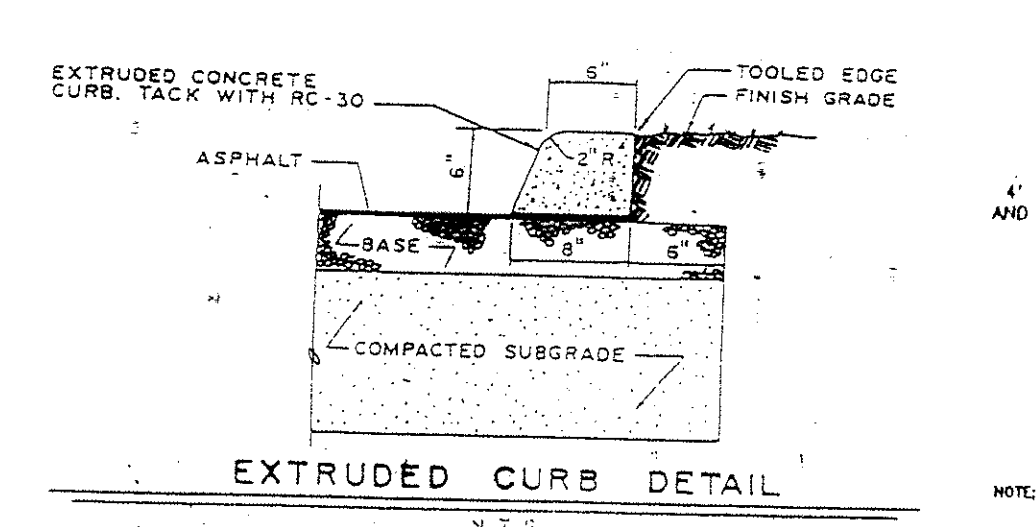
- All plant material to be Florida Department of Agriculture Nursery grade #1 or better.
- All hedge material to be 24" high at time of planting and spaced between 2-1/2' to 3' on center.
- All trees to be a minimum of 1-1/2" caliper and 6' tall at time of planting.
- 50% of all required landscape areas to utilize Xeriscape design, to include low maintenance design, low volume, irrigation, use of mulch ground cover, use of drought tolerant and cold hardy plant material, soil augmentation, limited use of turf and allow for low maintenance practices.
- Irrigation systems shall utilize low volume design to provide direct application and low evaporation, water supply shall be piped to each individual planter island and in no case shall any required planted vegetation area be more than 50' from water hose bib, shallow wells, open bodies of water or reclaimed water shall be used. A rain sensor device or switch must be installed, which will override the irrigation cycle of the sprinkler system when adequate rainfall has occurred. ALL SYSTEMS SHALL BE IN ACCORDANCE WITH STANDARD PLUMBING CODE CHAPTER 12.
- Contractor to submit for Pinellas County Tree Permit prior to construction. All plantings shall be from the Department of Environmental Management approved species list. Species used shall be determined by the Owner utilizing a minimum of 5 different tree types.
- An approved insecticide must be applied to all pines remaining for protection against the prominent Ips Pine Beetle. The application of this insecticide is recommended prior to construction activity.



**PAVEMENT REPLACEMENT DETAIL**



NOTE: WATER MAINS MUST BE IN SEPARATE TRENCH FROM SEWERS, PREFERABLY A 10 FOOT HORIZONTAL SEPARATION FROM TOP OF SEWER TO THE BOTTOM OF THE WATER - 18 INCHES MINIMUM. MAIN SHALL BE 20 FEET OF DUCTILE IRON PIPE CENTERED ON POINT OF CROSSING.



**SITE DATA:**

OUTPARCEL AREA: 44,954 S.F. (1.03 ACRES)

AREA OF IMPACT: 23,500 S.F.  
 BEFORE: GREEN= 10,052 SF.  
 IMPERVIOUS= 13,448 SF.

AFTER: GREEN= 9,097 SF.  
 IMPERVIOUS= 14,403 SF.

NET INCREASE IN IMPERVIOUS AREA= 955 SF.

CHANGE IN COEFFICIENT= 0.95-0.20= 0.75  
 1" WATER QUALITY OVER AREA CHANGED  
 0.75X(11'X12')X 995 SF.= 62.2 C.F. ADDITIONAL VOLUME REQUIRED.  
 VOLUME PROVIDED IN PIPE WITH POND SEASONAL HIGH AT 9.50 NGVD.  
 PIPE AREA= 3.14 SF/FT. X 40 LF.= 125.7 PLUS BOX AT 6.4 CF.= 132.1 CF.

**APPROVED PLANTING LIST**

- TREES:  
 Live Oak  
 Grape Myrtle  
 Slash Pine  
 Laurel Oak  
 Southern Magnolia
- SHRUBS:  
 Sweet Viburnum

These species may be substituted from Pinellas County's approved List at Owner's option.

**TREE LEGEND**

TO REMAIN	TO BE REMOVED
△ PINE	▲
○ OAK	●
□ OTHER	■

Scale:	1"=20'
Drawn:	TLL
Check:	LEM
Date:	MARCH, 1995
Job No.:	225-01-200
Sheet:	1

Design:	TLL
Drawn:	TLL
Check:	LEM
Date:	MARCH, 1995
Job No.:	225-01-200
Sheet:	1

**APPLEBEE'S**  
 at *Bardmoor Village*  
**CASUAL RESTAURANT CONCEPTS, INC.**  
 205 South Hoover Street, Suite 402  
 Tampa, Florida 33609 Phone: (813) 286-2006

**LMA**  
 London, Morse & Associates, Inc.  
 CIVIL & ENVIRONMENTAL ENGINEERS  
 PLANNERS - SURVEYORS  
 2055 U.S. Highway 92  
 Phone: (813) 778-2200 Fax: (813) 778-4374

**SHEET 1**  
 OF 2

**FINAL SITE/DETAIL PLAN**