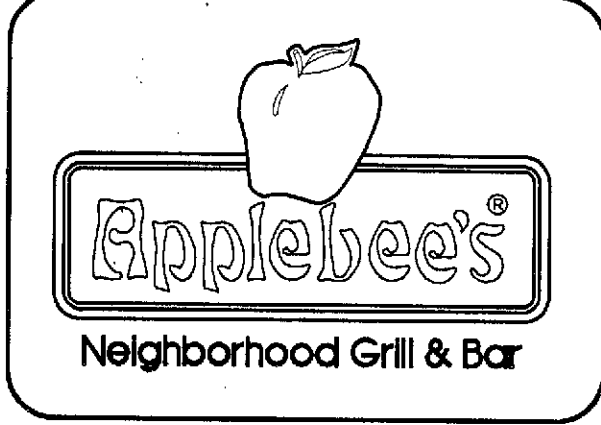
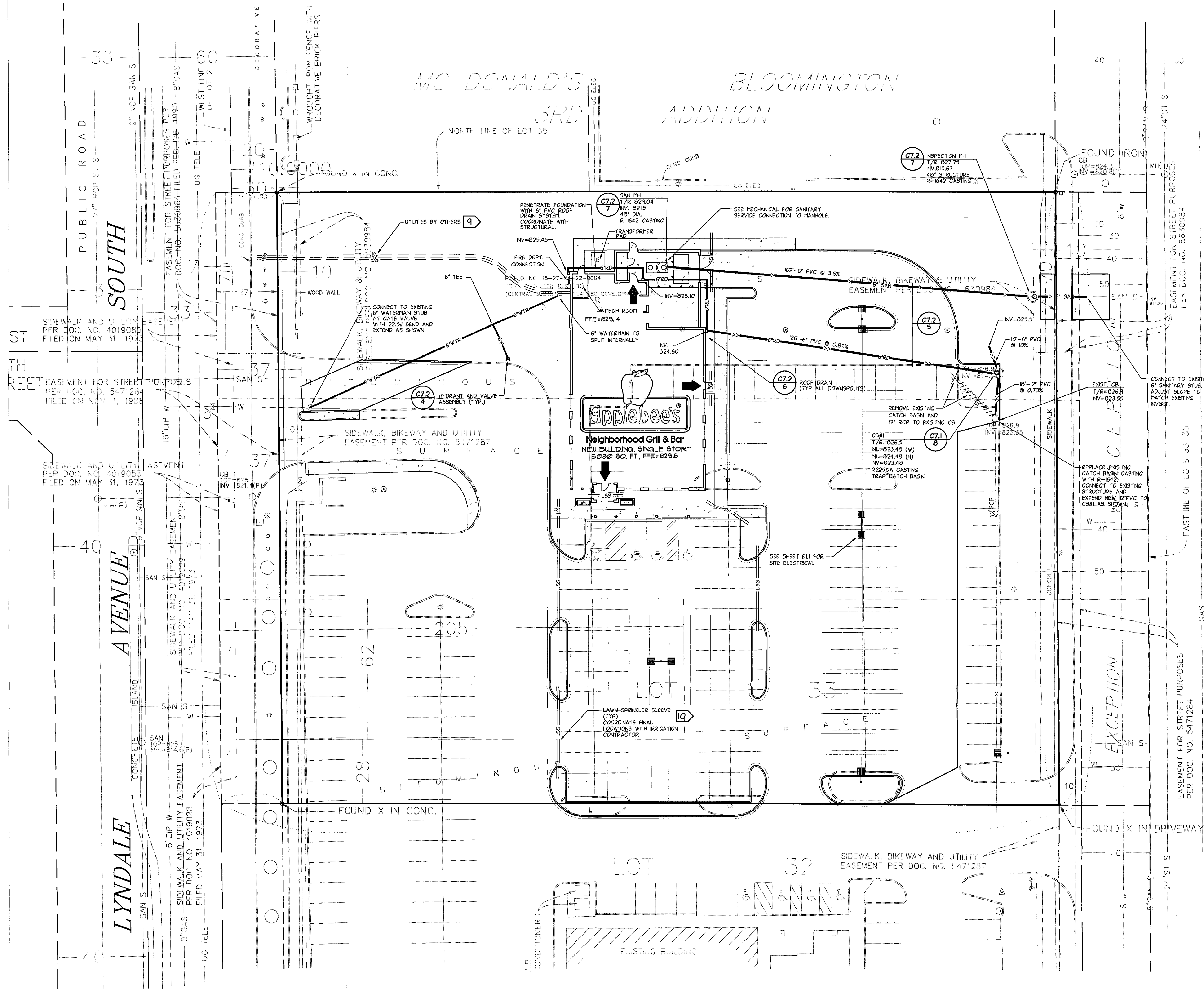
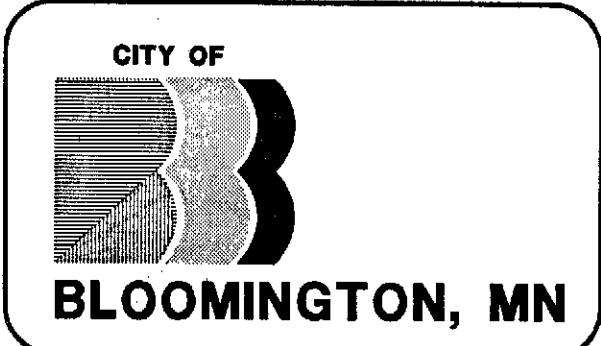




APPLEBEE'S INTERNATIONAL, INC.
4551 W. 107th Street
Suite 100
Overland Park, Kansas 66207
(913)967-4005 fax(913)941-1695



BID ISSUE

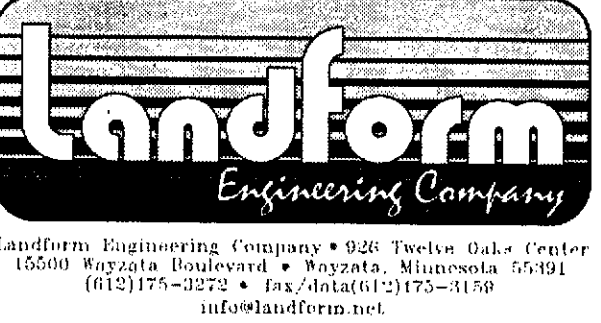
- NOTES:
1. HANTAN 7.5 COVER ON ALL NEW WATERMAIN.
 2. PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE OR END OF FLARED END SECTION.
 3. PIPE MATERIALS:
WATERMAIN: 12" CLASS 52
SEWER: 12" CLASS 52
STORM SEWER: 12" CLASS 52
 4. SEE ELECTRICAL SITE PLAN FOR ADDITIONAL ELECTRICAL INFORMATION.
 5. ALL CONNECTIONS TO CITY UTILITIES TO BE IN ACCORDANCE WITH CITY OF BLOOMINGTON STANDARDS.
 6. COORDINATE WITH MECHANICAL DRAWINGS FOR EXISTING LOCATIONS OF SERVICES CONNECTIONS AND CONTINUATION OF SERVICES WITHIN BUILDING.
 7. ADJUST ALL STRUCTURES, PUBLIC AND PRIVATE, TO PROPOSED GRADES WHERE REQUIRED. CORRECT WITH ALL REQUIREMENTS OF UTILITY OWNERS.
 8. VERIFY ALL CONNECTIONS TO EXISTING UTILITY SERVICES PRIOR TO CONSTRUCTION.
 9. COORDINATE WITH ALL INDIVIDUAL PRIVATE UTILITY OWNERS TO PROTECT EXISTING UTILITIES, TELEPHONE, AND CABLE SERVICE TO PROPOSED BUILDING.
 10. COORDINATE WITH ERECTION CONTRACTOR TO PROVIDE LAMP SPRINKLER SLEEVES AS REQUIRED.
 11. CONTACT OWNER FOR EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN LOCATED UTILITIES AND THE EXISTING CONDITIONS PLAN SHOULD BE NOTED AND FORWARDED TO THE ENGINEER.
 12. OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION.

SHEET INDEX	
SHEET	TITLE
C01	TITLE SHEET
C02	EXISTING CONDITIONS PLAN
C03	SITE PLAN
C04	GRADING & EROSION CONTROL PLAN
C05	UTILITY PLAN
C06	ENLARGED PLAN
C07	CONSTRUCTION DETAILS
C08	CONSTRUCTION DETAILS
C09	CONSTRUCTION DETAILS
C10	CONSTRUCTION DETAILS
C11	CONSTRUCTION DETAILS
C12	CONSTRUCTION DETAILS
C13	CONSTRUCTION DETAILS
C14	CONSTRUCTION DETAILS
C15	CONSTRUCTION DETAILS
C16	CONSTRUCTION DETAILS
C17	CONSTRUCTION DETAILS
C18	CONSTRUCTION DETAILS
C19	CONSTRUCTION DETAILS
C20	CONSTRUCTION DETAILS

DATE	REVISION	REV.
5/01/97	CITY SUBMITTAL	
6/18/97	40% COMPLETE OWNER REVIEW	
6/29/97	BID ISSUE	

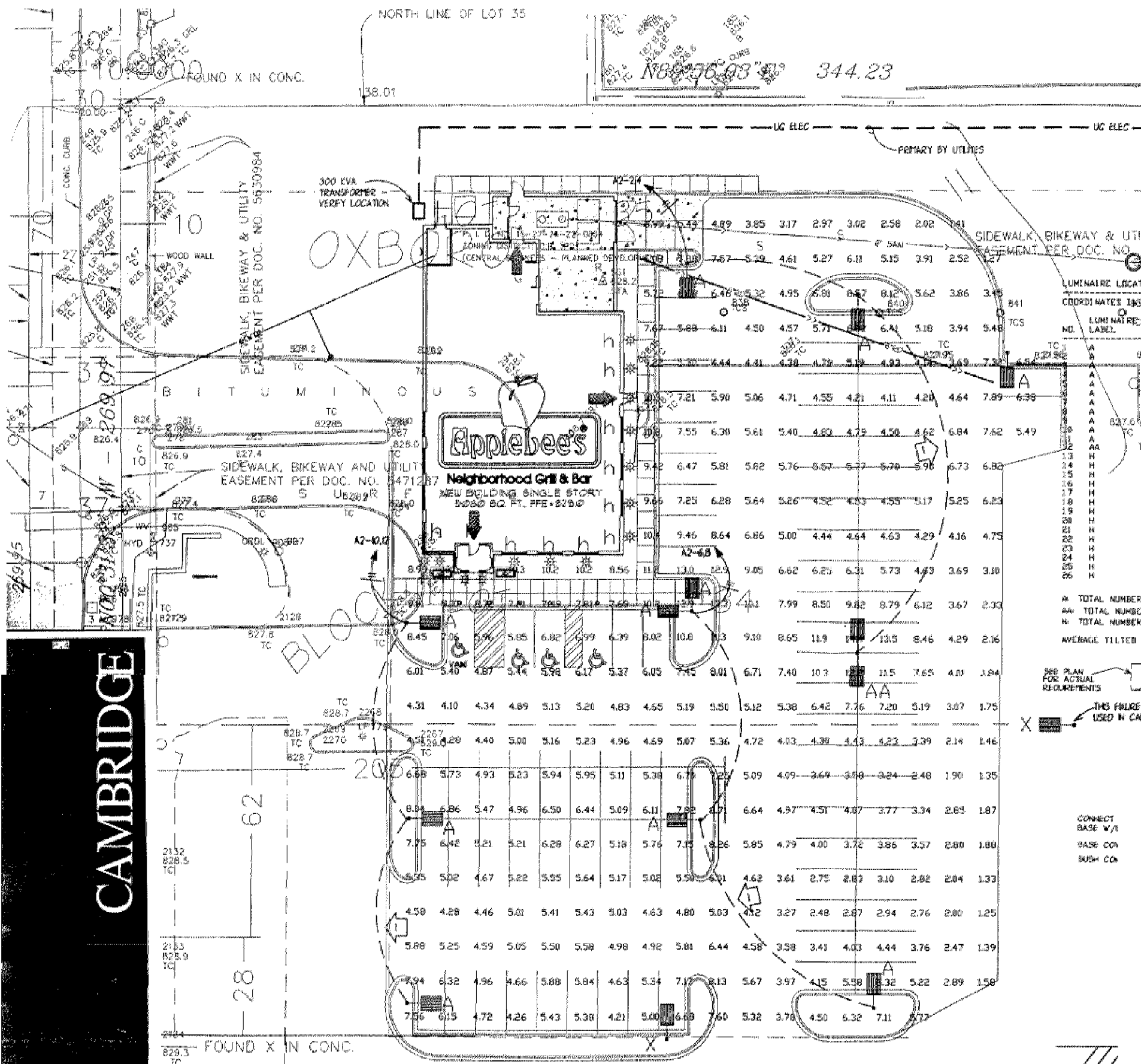
QUALITY MANAGEMENT REVIEW
BY: SARA MORE DATE: 6/24/97
CERTIFICATION:
I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.
Stephen H. Johnson
Registration No. 0514 Date: 4/24/97

PROJECT:
APPLEBEE'S RESTAURANT
Bloomington, Minnesota



DATE: 3/9/97
FILE NAME: C4010BLDWG
PROJECT NO. AP91003
UTILITY PLAN
C4.1

Approved Plan



CAMBRIDGE
BUILDING LIGHTING, INC.

VOLTAGE DROP ON ANY ONE CIRCUIT SHALL NOT EXCEED 3%

PLANE - LOT ONLY

POINT SPACING LEFT-TO-RIGHT = 10 ft
 POINT SPACING TOP-TO-BOTTOM = 10 ft
 LOWER LEFTHAND CORNER OF PLANE:
 X = 5 Y = 5 Z = 0
 UPPER RIGHTHAND CORNER OF PLANE:
 X = 189 Y = 255 Z = 0
 LIGHT METER IS NORMAL TO PLANE

AVERAGE fc = 5.35
 MAXIMUM fc = 14.4
 MINIMUM fc = .73
 AVERAGE/MINIMUM = 7.34
 MAXIMUM/MINIMUM = 19.73
 TOTAL NUMBER OF POINTS = 361

OBSTRUCTIVE SHAPE - BLDG.
 HEIGHT = 14
 TRANSMITTANCE = 0
 REFERENCE POINT:
 X = 18.25 Y = 135 Z = 0

FIXTURE SCHEDULE

Label	Quantity	Label	Volts	Source	Mounting Ht.	Description	Label	Number	Manufacturer
A	11	CL400		SPR. MHAL.	30'-0"	SPAUDLING, CEI-STD-PH-M400-IV-MT-DBZ (SINGLE)			

3/4" PVC CON
 W/GROUND WIRE
 NO. 8 TV GREEN
 GROUND WIRE
 GROUND ROD
 CLAMP BURNOT
 NO. C48-644C
 5/8" COPPER
 WELD GROUND
 ROD AT TYPE U
 ONLY

Approved Plan