

I hereby certify to Taco Bell Corp., a California corporation, and Sentinel Title Corporation, a Maryland corporation, that the plan shown hereon accurately represents a survey made by me on the 10th day of May, 1992 of the real estate described as follows:

BEGINNING at a point shown as point number 29 on a plat entitled "Columbia Junction Section One, Area One, Parcels A, B & C" and recorded among the Land Records of Howard County, Maryland as plat number 7046 thence running the following four (4) courses and distances:

- 1) Along the western right-of-way line of U.S. Route 1 100.58 feet along the arc of a curve to the right, said curve having a radius of 1100.00 feet, chord bearing and distance of North 32 degrees 43 minutes 46 seconds East, 199.25 feet thence leaving the said right-of-way
- 2) North 47 degrees 13 minutes 40 seconds West, 164.08 feet, thence
- 3) South 42 degrees 46 minutes 20 seconds West, 196.20 feet, thence
- 4) South 47 degrees 13 minutes 40 seconds East, 198.83 feet to the place of beginning containing 35001.07 square feet of land more or less.

I further certify that said real estate is vacant and partially improved. I further certify that there are no encroachments upon said real estate by any improvements located on, or fences or walls enclosing, adjacent properties except as shown hereon,

and that there is no visible physical evidence of possible unrecorded easements on, above or below the surface of the real estate discernable from inspection of the property.

I further certify that this survey was made in accordance with Taco Bell "ALTA" survey requirements.

Certified this 10th day of May, 1992.

Peter J. Darr
Property Line Surveyor, Registration No. 224
State of Maryland

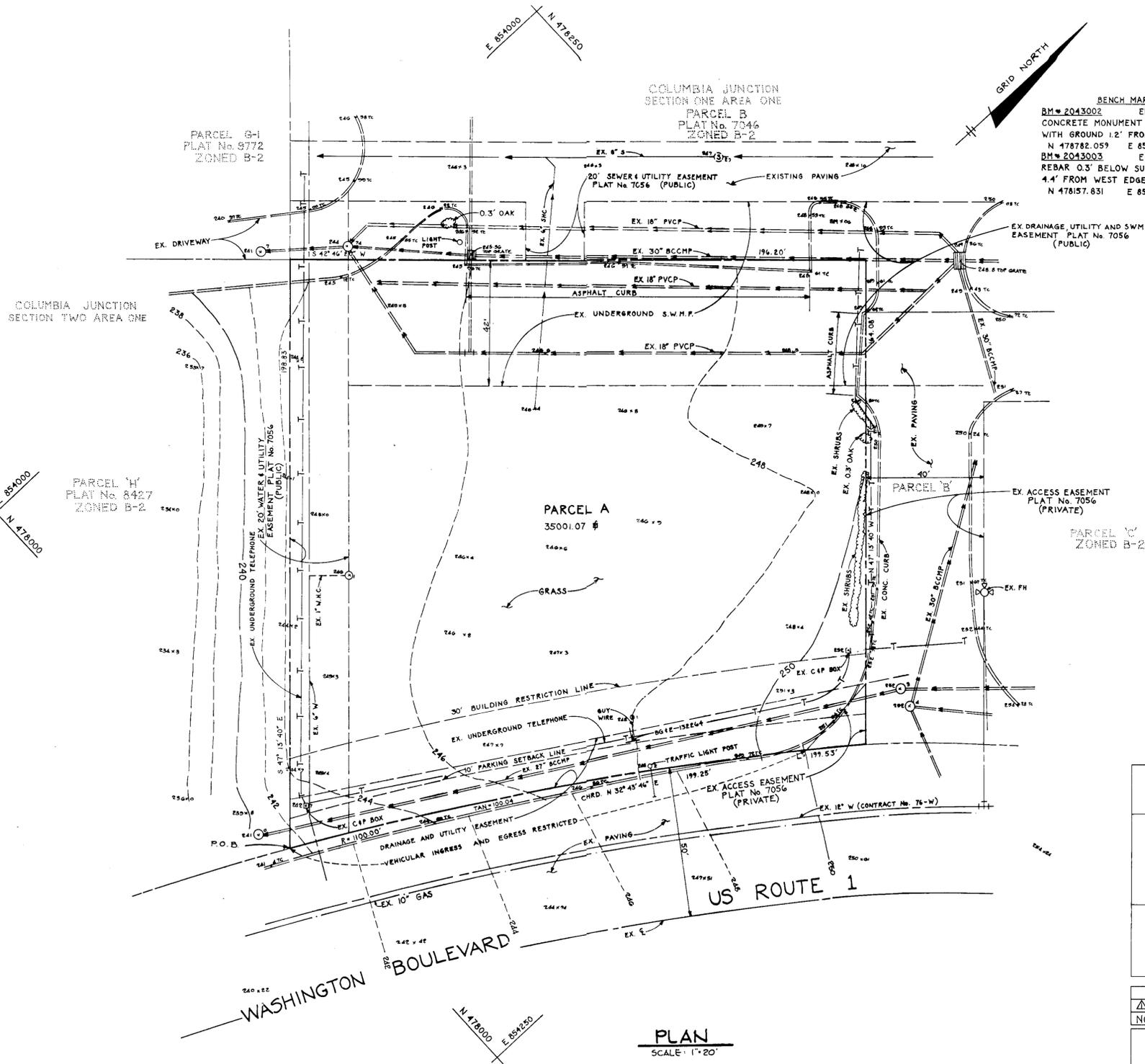


The following easements listed in Chicago Title Insurance Company Commitment No. 920169-02 effective May 10, 1992, are general in nature and can not be dimensioned on the survey:

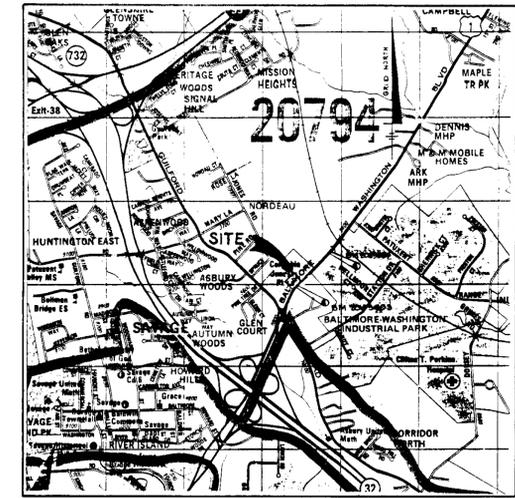
- L. 98 F. 105 to the Chesapeake and Potomac Telephone Co.
- L. 134 F. 306 to American Telephone and Telegraph Co.
- L. 1723 F. 443 to Baltimore Gas and Electric Co.
- L. 1988 F. 415 to Howard County, Maryland for maintenance of public utilities
- L. 1387 F. 656 to Bessie G. Morrell, et. al., for access easement

The following instruments do not directly affect this site:

- L. 1776 F. 186 to the Chesapeake and Potomac Telephone Co.
- L. 281 F. 481 to Baltimore Gas and Electric Co.
- L. 1867 F. 507 to Baltimore Gas and Electric Co.
- L. 425 F. 599 to Howard County, Maryland
- L. 1888 F. 081 to Howard County, Maryland
- L. 1387 F. 699, L. 2324 F. 708, L. 1495 F. 106, L. 1495 F. 134, L. 2044 F. 532 and L. 2326 F. 695 for modifications of easement agreements



PLAN
SCALE: 1" = 20'



VICINITY MAP
SCALE: 1" = 2000'

NOTES

1. THIS LOT FALLS WITHIN FLOOD ZONE 'C' AS SHOWN ON THE FEMA FLOOD BOUNDARY MAP 240044 0044 DATED DEC. 4, 1986.
2. PARCEL ZONED B-2.

APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPT.	DATE: 9-20-92
COUNTY HEALTH OFFICER	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	DATE: 9-24-92
DIRECTOR	
CHIEF, BUREAU OF ENGINEERING	
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING	DATE: 10-9-92
DIRECTOR	
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	

7-14-92	PLAT REF. No. 7056 CHANGED TO 7046	REVISION
NO	DATE	REVISION

TSA GROUP, INC.
planning • architecture • engineering • surveying
8480 Baltimore National Pike • Millersville City, Maryland 21043 • (410) 400-8100

OWNER: SCI LIMITED PARTNERSHIP 8480 BALTIMORE NATIONAL PIKE ELICOTT CITY, MARYLAND 21043	PROJECT: TACO BELL RESTAURANT COLUMBIA JUNCTION SECTION 1, AREA 1, PARCEL 'A' PLAT No. 7056
BUILDERS: TACO BELL CORPORATION 620 HERNDON PARKWAY #200 HERNDON, VIRGINIA 22070	LOCATION: TAX MAP No. 48 ZONING MAP No. 48 PARCEL 100 6 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE: TOPOGRAPHIC SURVEY	DATE: JUNE 10, 1992
CHECKED BY: P.J.D. DRN: S.H.S.	PROJECT NO. 471
SCALE: 1" = 20'	DRAWING C-2 OF 8

GENERAL NOTES

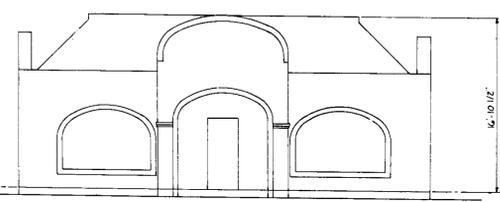
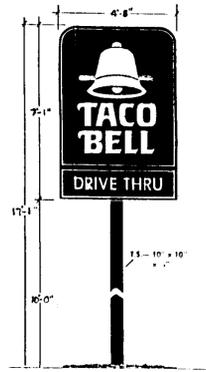
- PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE TACO BELL CONSTRUCTION MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT & PLANS ETC.
- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, WETTING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR HANDBY DENSITY PER A.S.T.M. TEST D-698. MOISTURE CONTENT AT THE TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 2% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED SOILS ENGINEER REGISTERED WITHIN THE STATE WHERE THE WORK IS PERFORMED VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT.
- THE ALTA SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS.
- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
- ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY TACO BELL CONSTRUCTION MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- WATER SERVICE MATERIALS SHALL BE COPPER TYPE "K" DIAMETER SHALL BE AS NOTED ON THESE PLANS AND SHALL BE INSTALLED WITH 4" MINIMUM COVER OR BELOW FROSTLINE WHICH EVER IS GREATER. CONTRACTOR'S PRICE FOR WATER SERVICE SHALL INCLUDE ALL FEES AND APPURTANCES REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE.

CONSTRUCTION NOTES

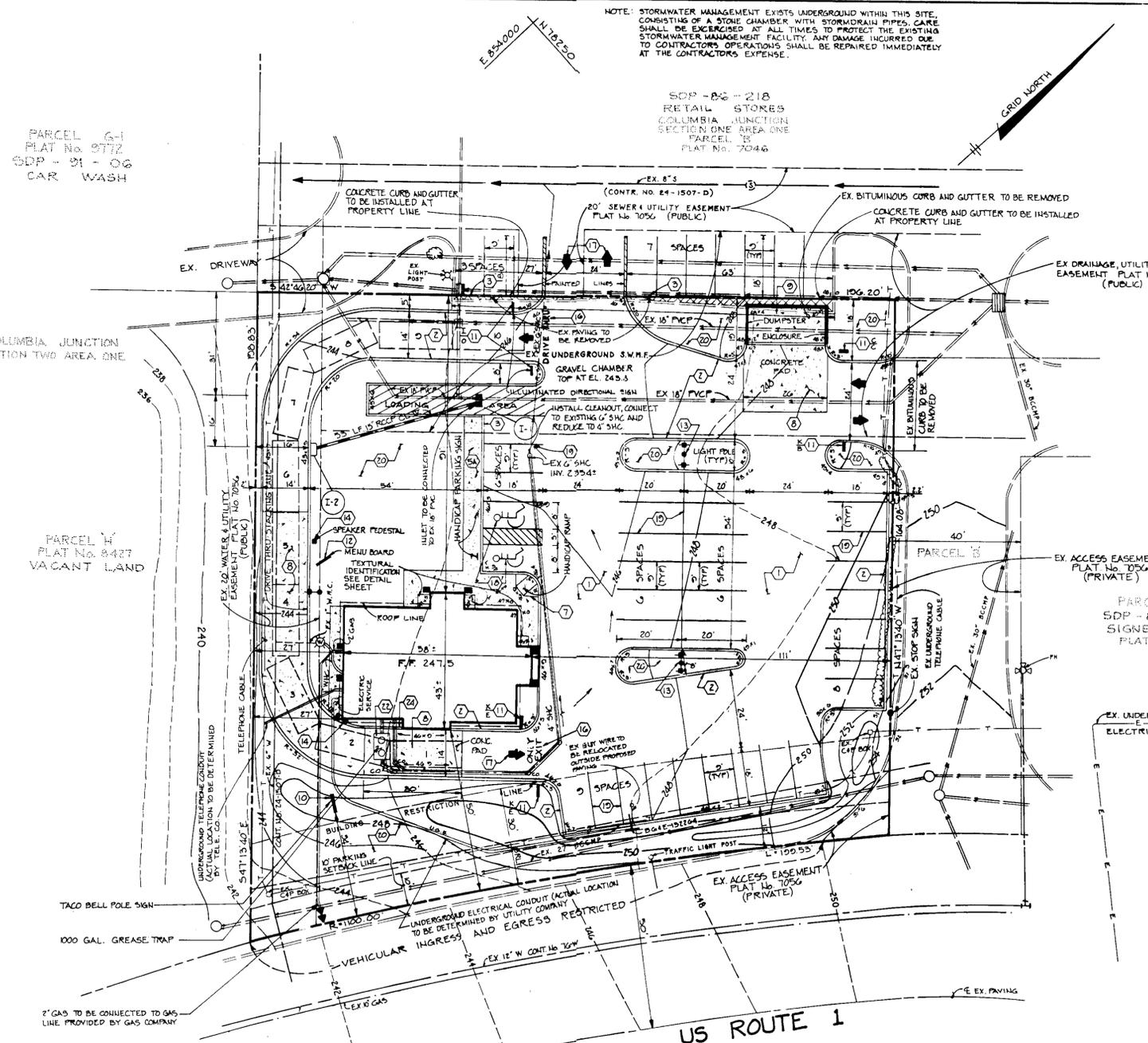
- CONSTRUCT ASPHALT CONCRETE PAVEMENT AS SPECIFIED
P-1 PAVING NO. CO. STD. R-2.01
1" BIT. CONC. SURFACE, 4" BIT. CONC. BASE OR 1" BIT. CONC. SURFACE, 2" BIT. CONC. BASE AND 4" GRADED AGGREGATE BASE (GAB)
- CONSTRUCT 6" P.C.C. CURB PER DETAIL SHT. C-5
- CONSTRUCT 6" P.C.C. CURB & GUTTER PER DETAIL SHT. C-5
- CONSTRUCT P.C.C. GUTTER PER DETAIL SHT. A-6
- CONSTRUCT P.C.C. CURB EDGE SIDEWALK PER DETAIL SHT. C-5
- CONSTRUCT P.C.C. SIDEWALK PER DETAIL SHT. C-5
- CONSTRUCT P.C.C. RAMP - MAX. SLOPE 1% - PER DETAIL SHT. C-5
- CONSTRUCT P.C.C. DEPRESSED RAMP PER DETAIL SHT. C-5
- CONSTRUCT 6" THK. P.C.C. PAD W/ 6" MAX. 18" DIA. WALK ICONS. JTS. @ 12'-0" O.C. OVER 6" CRUSHED AGG. OR GRAVEL BASE.
- CONSTRUCT TRASH ENCLOSURE ON 6" P.C.C. PAD PER DETAIL SHT. C-5
- TACO BELL POLE SIGN & FOUNDATION BY SIGN SUPPLIER. DOUBLE FACED ILLUMINATED DIRECTIONAL SIGN (SIGN FACE AS NOTED BY SIGN SUPPLIER. FOUNDATION BY G.C. - PER DETAIL SHT. C-5
- MENU BOARD, SENSOR LOOP & SPEAKER PEDESTAL PER DETAIL BY SIGN SUPPLIER. FOUNDATION BY G.C. - PER DETAIL SHT. C-5
- INSTALL 400 WATT METAL HALIDE YARD LIGHT PER DETAIL SHT. C-5
- INSTALL GUARD POST PER DETAIL SHT. C-5
- INSTALL 8'-0" LONG P.C.C. WHEELSTOPS PER DETAIL SHT. C-5
- PAINT 24" HIGH LETTERS-WHITE
- PAINT TRAFFIC ARROWS-WHITE PER DETAIL SHT. C-5
- PAINT HANDICAP SYMBOL-WHITE IN BLUE BACKGROUND
- PAINT 2" WIDE SOLID STRIPE-WHITE
- LANDSCAPE AREA SEE SHTS. C-7 AND C-8
- INSTALL TACO BELL FURNISHED CONCRETE TRASH RECEPTACLE
- INSTALL 1000 GAL. GREASE TRAP PER DETAIL SHT. C-5
- CONSTRUCT CURB NOSE PER DETAIL SHT. C-5
- CONSTRUCT C-18 AT DRIVE THRU AND/OR PER DETAIL SHT. C-5
- CONSTRUCT TYPICAL CATCH BASIN PER DETAIL SHT. C-5
- FLAG POLE PER DETAIL SHT. A-6

DIRECTIONAL SIGN SCHEDULE (11)

- | | |
|----------------|-------------------|
| A ENTER | J DRIVE-THRU ONLY |
| B EXIT | K THANK YOU |
| C ENTER | L WELCOME |
| D EXIT | M RIGHT TURN ONLY |
| E EXIT ONLY | N LEFT TURN ONLY |
| F EXIT ONLY | O BLANK |
| G DO NOT ENTER | P |
| H DRIVE-THRU | Q |
| I DRIVE-THRU | R |



SCHEMATIC BUILDING ELEVATION
NOT TO SCALE



PLAN
SCALE: 1" = 20'

NOTE: STORMWATER MANAGEMENT EXISTS UNDERGROUND WITHIN THIS SITE, CONSISTING OF A STONE CHAMBER WITH STORMDRAIN PIPES, CARE SHALL BE EXERCISED AT ALL TIMES TO PROTECT THE EXISTING STORMWATER MANAGEMENT FACILITY. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.

- General Notes:**
- All construction shall be in accordance with the latest standards and specifications of Howard County plus HSHA standards and specifications if applicable.
 - The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (301) 792-7272 at least five (5) working days prior to the start of work.
 - The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work at.
 - Traffic control devices, markings, and signing shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt.
 - All plan dimensions are to the face of curb unless otherwise noted.
 - Topography shown hereon is field run performed by TSA Group, Inc. on or about May 19, 1992.
 - Horizontal and vertical datum used hereon is from Howard County Geodetic Control Points 2043002 and 2043003.
 - Water and sewer for this site are public as shown on Contract Number 24-1507-0.
 - Stormwater management for this site was provided under SDP-86-218 and consists of an underground stone chamber.
 - Traffic study for this site was performed by The Traffic Group, Inc. on August 16, 1985 and was approved with S-85-54 on December 5, 1985.
 - Stormwater management facility will be privately owned and maintained, per SDP-06-210
 - Existing utilities shown hereon are from contract drawings and are approximate only. The contractor shall take all necessary precautions to protect the existing utilities and maintain uninterrupted service. Any damage incurred due to contractor's operation shall be repaired immediately at the contractor's expense.
 - All water lines shall be constructed a minimum of 42" cover below finished grade.
 - No pipe shall be laid until lines of excavation have been brought to subgrade.
 - All pipe elevation shown are invert elevations.
 - Profile stations shall be adjusted as necessary to conform to plan dimensions.
 - Approximate location for gas, electric and telephone conduit has been shown on the plan; the actual location is to be determined by the utility companies.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT. COUNTY HEALTH OFFICER <i>[Signature]</i> DATE: 6-20-92
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DIRECTOR <i>[Signature]</i> DATE: 7-25-92
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING DIRECTOR <i>[Signature]</i> DATE: 10-9-92

NO.	DATE	REVISION

T S A GROUP INC.
planning • architecture • engineering
8480 Baltimore National Pike • Elliott City, Maryland 21043 • (301)465-8100

OWNER SCI LIMITED PARTNERSHIP 8480 BALTIMORE NATIONAL PIKE ELLIOTT CITY, MARYLAND 21043 (410) 465-4244	PROJECT TACO BELL RESTAURANT COLUMBIA JUNCTION SECTION ONE, AREA ONE, PARCEL A
DEVELOPER TACO BELL CORP. 620 HERNDON PARKWAY #200 HERNDON, VIRGINIA 22070	LOCATION TAX MAP No. 46 ZONING MAP No. 46 PARCEL No. 100 6TH ELECTORAL DISTRICT HOWARD COUNTY, MARYLAND
TITLE SITE DEVELOPMENT PLAN	
DATE: JUNE 10, 1992 PROJECT NO. 0471	

- SOILS CLASSIFICATION**
- TUB IUKA LOAM, LOCAL ALLUVIUM, 1 TO 5 PERCENT SLOPES
 S c c SANDY AND CLAYEY LOAM, MODERATELY STEEP
 S1 D z SASSA PARAS LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED
 SOILS TAKEN FROM HOWARD COUNTY SOILS SURVEY PAGE 34
- SEEDING CONTROL NOTES**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (892-2137).
 - ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
 - ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (Sec. 51) SOD (Sec. 54), TEMPORARY SEEDING (Sec. 50) AND MULCHING (Sec. 52). TEMPORARY STABILIZATION WITH MULCH ALLOWED CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
 - ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - SITE ANALYSIS:**
 TOTAL AREA OF SITE 0.80 ACRES
 AREA DISTURBED 0.80 ACRES
 AREA TO BE ROOFED OR PAVED 0.50 ACRES
 AREA TO BE VEGETATIVELY STABILIZED 0.30 ACRES
 TOTAL CUT 451 CU. YDS.
 TOTAL FILL 418 CU. YDS.
 OFFSITE WASTE/BORROW AREA LOCATION ON SITE
 - ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
 - ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

PERMANENT SEEDING PREPARATION

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 lbs/1000 sq ft) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 lbs/1000 sq ft) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 lbs/1000 sq ft).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 lbs/1000 sq ft) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 lbs/1000 sq ft) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 lbs/1000 sq ft) OF KENTUCKY 31 TALL FESCUE FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 lbs/1000 sq ft) OF KEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 lbs/1000 sq ft) OF UNWEAVED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 gal/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 gal/1000 sq ft) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING PREPARATION

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

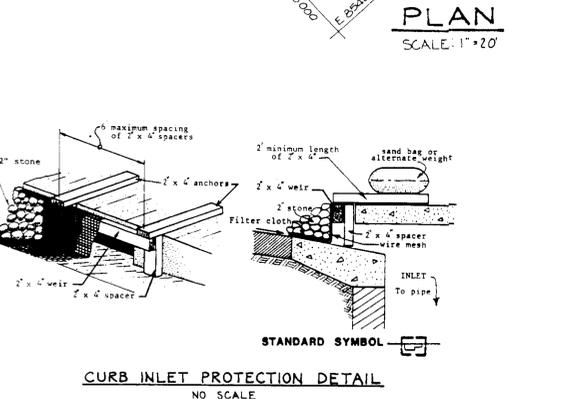
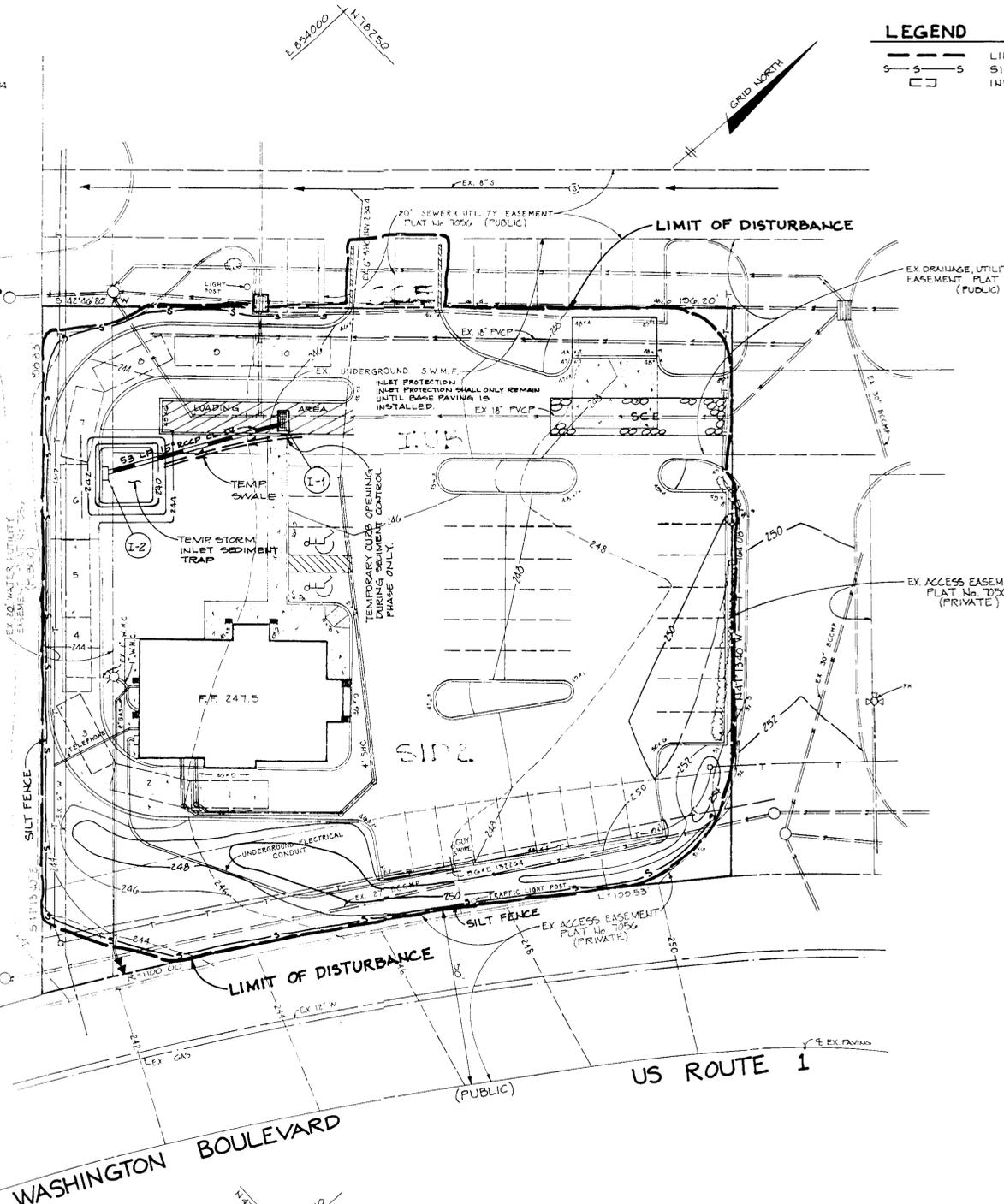
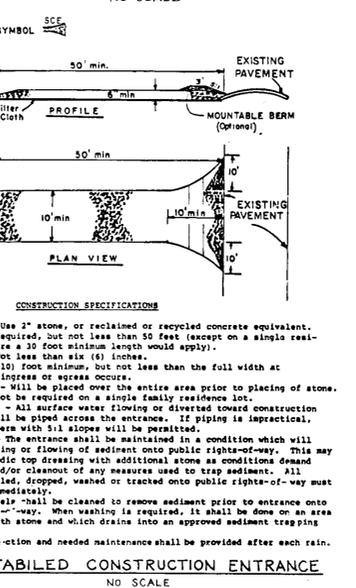
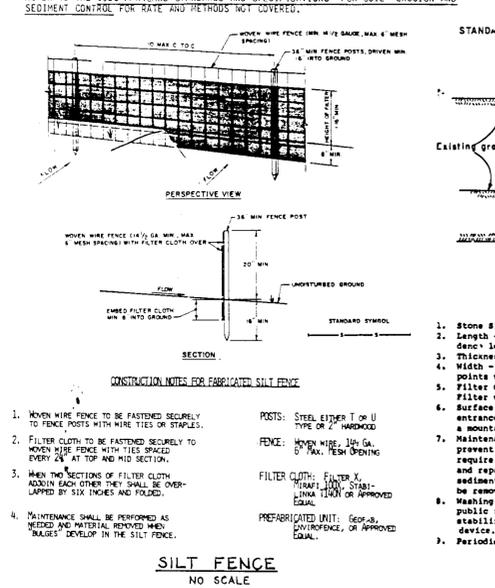
SOIL AMENDMENTS: APPLY 300 LBS PER ACRE 10-10-10 FERTILIZER (14 lbs/1000 sq ft).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 lbs/1000 sq ft). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF KEEPING LOVEGRASS (.07 lbs/1000 sq ft). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 lbs/1000 sq ft) OF UNWEAVED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 gal/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 gal/1000 sq ft) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

STORM INLET SEDIMENT TRAP
 NO SCALE



- SEQUENCE OF CONSTRUCTION**
- DAY 1 OBTAIN A GRADING PERMIT.
 - DAY 2 - 4 INSTALL STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCE.
 - DAY 5 - 10 GRADE SITE TO SUBGRADE AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDING NOTES. EXCEPT IN AREAS OF PROPOSED PAVING.
 - DAY 11 - 15 INSTALL STORM DRAIN, INSTALLING INLET PROTECTION AT THE TIME OF INLET INSTALLATION. AT I-2 AND INSTALL SEDIMENT TRAP AT I-2 AND TEMPORARY SWALE.
 - DAY 16 - 51 INSTALL BUILDING, WATER, SEWER UTILITIES, CURB AND GUTTER AND PAVING.
 - DAY 52 - 57 COMPLETE ALL SITE WORK AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
 - DAY 57 - 60 UPON APPROVAL OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES.
- NOTE:**
- 1) STORMWATER MANAGEMENT FOR THIS SITE HAS BEEN PROVIDED UNDER SDP-86-218.
 - 2) PRIOR TO ISSUANCE OF AN OCCUPANCY PERMIT THE EXISTING SEWER HOUSE CONNECTION MUST BE TESTED.

BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER: _____ DATE: 7/20/92

BY THE ENGINEER:

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER: JOHN M. ELORKIAGA DATE: 7-3-92

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD S.C.D. DATE: 9/4/92

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE DATE: 9/4/92

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR _____ DATE _____

CHIEF, BUREAU OF ENGINEERING _____ DATE _____

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT. COUNTY HEALTH OFFICER DATE: 9-30-92

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR _____ DATE: 7-25-92

CHIEF, BUREAU OF ENGINEERING DATE: 9-24-92

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DIRECTOR _____ DATE: 10-14-92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE: 10-29-92

NO.	DATE	REVISION

T S A GROUP INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Millersville, Maryland 21104 • (301)465-6100

OWNER SCI LIMITED PARTNERSHIP
 6480 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21043
 (410) 465-4244

PROJECT TACO BELL RESTAURANT
 COLUMBIA JUNCTION
 SECTION 1, AREA 1, PARCEL A

LOCATION TAX MAP No. 40
 ZONING MAP U6-48 PARCEL No. 180
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

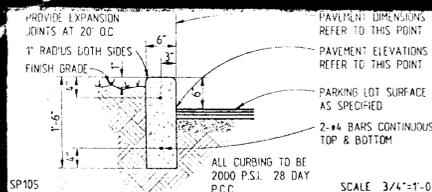
DEVELOPER TACO BELL CORP
 620 HERNDON PARKWAY #200
 HERNDON, VIRGINIA 22070

TITLE SEDIMENT CONTROL
 AND SOILS PLAN

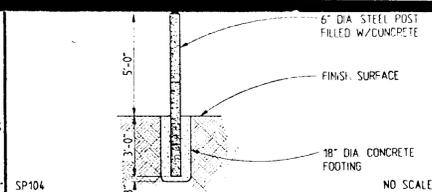
DATE: JUNE 10, 1992 PROJECT NO. 0471

DES. DAM DRN. SHS/CAB SCALE: 1" = 20' DRAWING C-4 OF 8

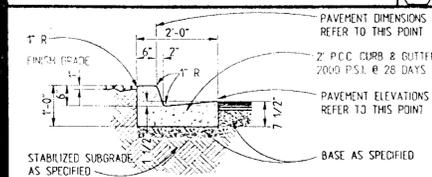
SDP-92-114



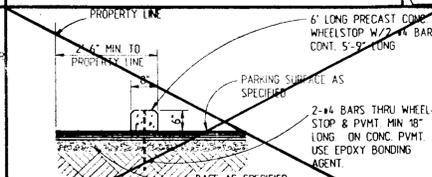
CONCRETE CURB



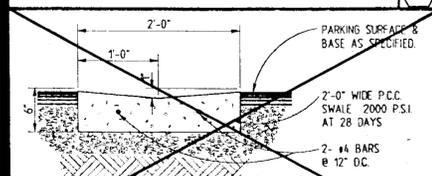
GUARD POST



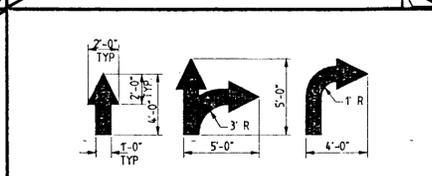
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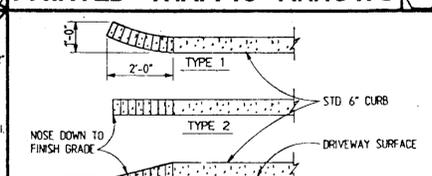
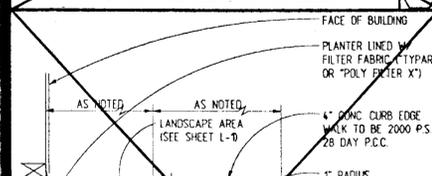
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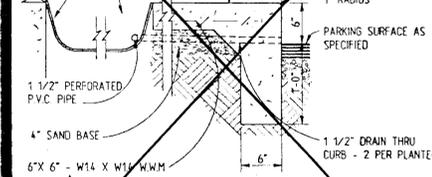
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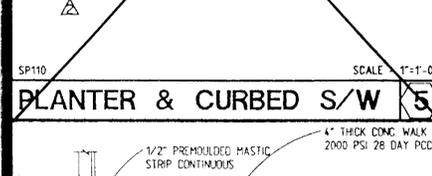
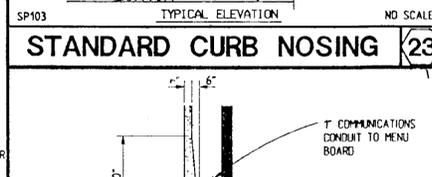
PAINTED TRAFFIC ARROWS



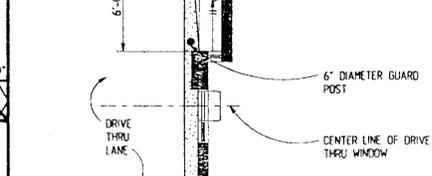
STANDARD CURB NOSING



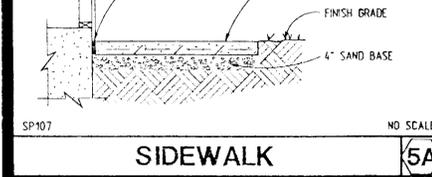
PLANTER & CURBED S/W



SIDEWALK



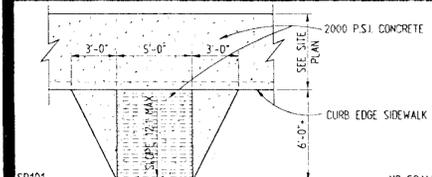
CURB DET. @ D/T WIND.



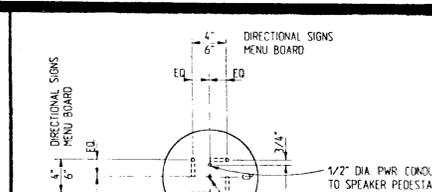
EXT. HANDICAPPED RAMP



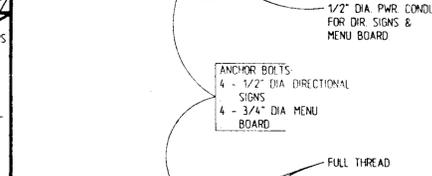
PARKING LOT LIGHTING MENU BD. & SENSOR LOOP



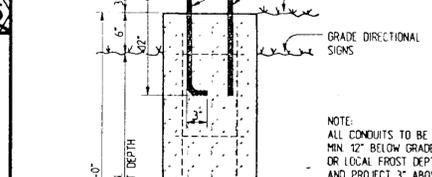
DEPRESSED RAMP



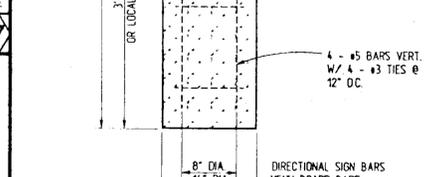
LIGHT STANDARD DETAIL



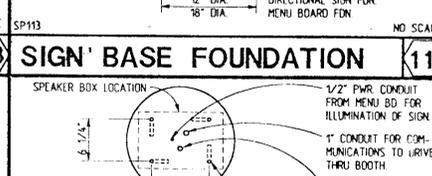
EXTERIOR GREASE TRAP



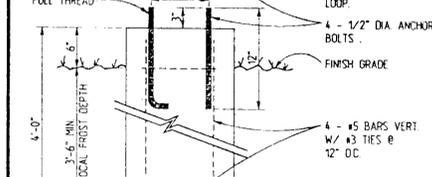
METAL GATE BLOCK TRASH ENCLOSURE



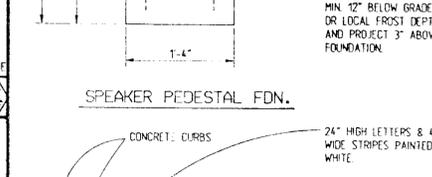
HANDICAP SIGN DETAIL



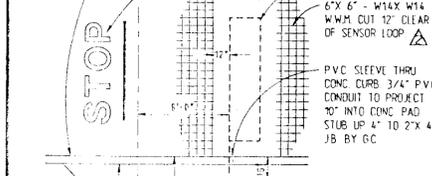
VIOLATION FINE SIGN DETAIL



TOP VIEW



SECTION

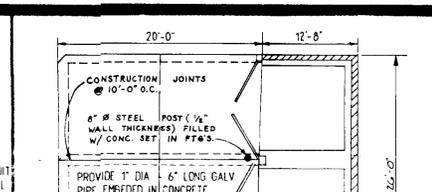


NOTES

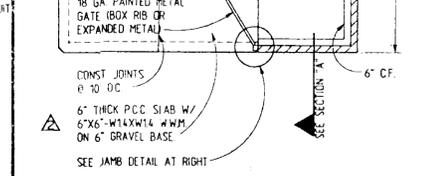
- 1 ANCHOR BOLTS SUPPLIED BY GC
- 2 LIGHT POST SUPPLIED BY TACO BELL TO BE INSTALLED BY GC

NOTES

- 1 ALL LIGHT FIXTURES TO BE HIGH PRESSURE SODIUM VAPOR AS MANUFACTURED BY WIDELITE OR APPROVED EQUAL
- 2 LOCATIONS OF LIGHT FIXTURES ARE ON THE PLAN AND ARE SHOWN THUS
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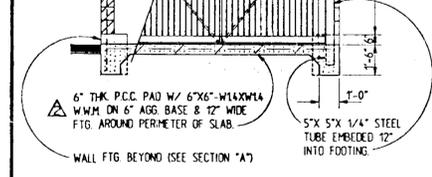
PLAN VIEW



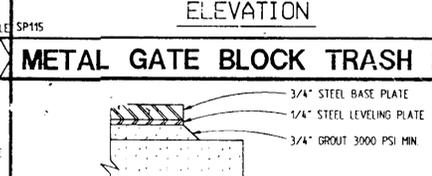
ELEVATION



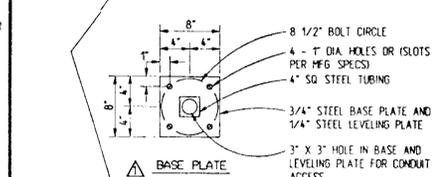
SECTION "A"



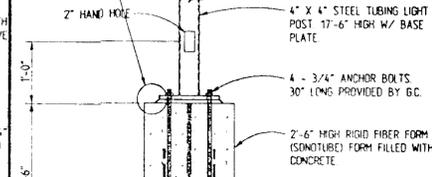
HANDICAP SIGN DETAIL



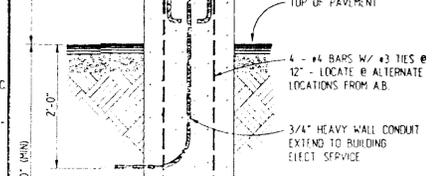
VIOLATION FINE SIGN DETAIL



TOP VIEW



SECTION

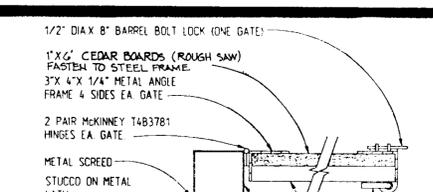


NOTES

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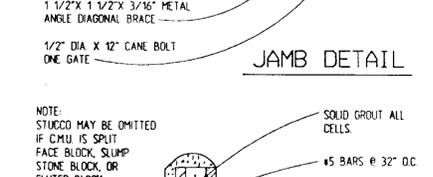
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DETAIL BUILDING ENTRANCE

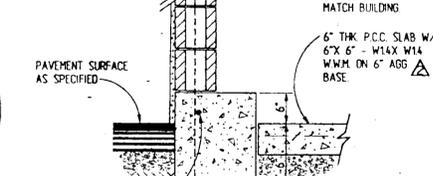
TEXTURAL IDENTIFICATION FOR THE BLIND

NO SCALE



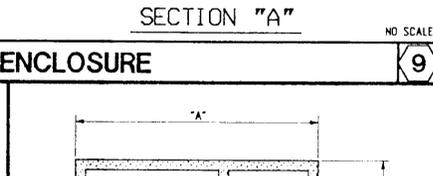
HANDICAP SIGN DETAIL

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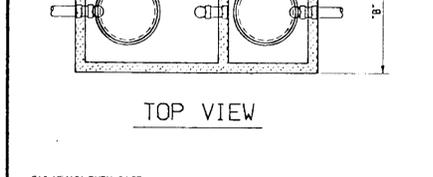


VIOLATION FINE SIGN DETAIL

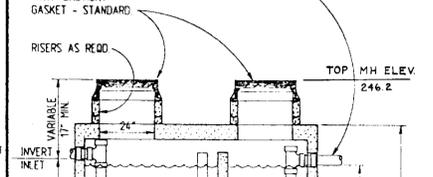
NO SCALE



TOP VIEW



SECTION

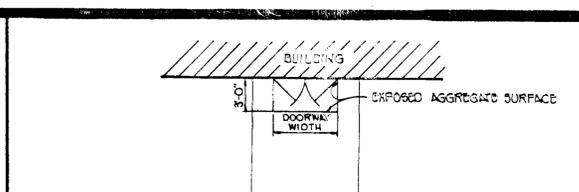


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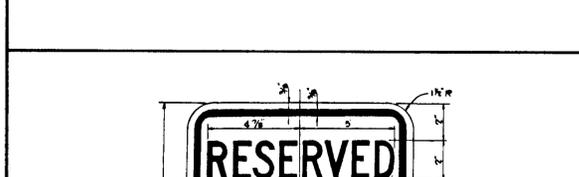
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DETAIL BUILDING ENTRANCE

TEXTURAL IDENTIFICATION FOR THE BLIND

NO SCALE



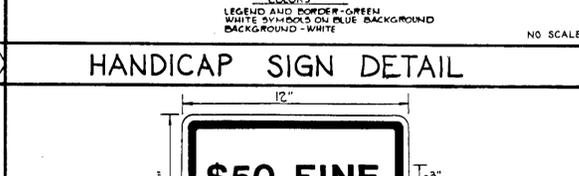
HANDICAP SIGN DETAIL

NO SCALE



VIOLATION FINE SIGN DETAIL

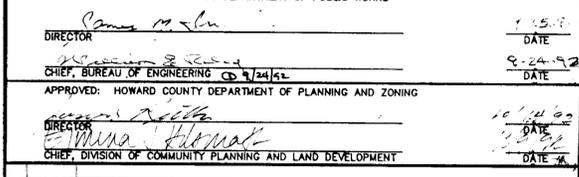
NO SCALE



TOP VIEW



SECTION



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APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT. COUNTY HEALTH OFFICER: *[Signature]* DATE: 9-23-99

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. DIRECTOR: *[Signature]* DATE: 9-24-99

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING. DIRECTOR: *[Signature]* DATE: 10-24-99

T S A GROUP INC. planning • architecture • engineering 6400 Baltimore National Pike • Beltsville City, Maryland 21045 • (301)468-8100

OWNER: SCI LIMITED PARTNERSHIP 8480 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21045 (410) 465-4244

DEVELOPER: TACO BELL CORP 650 HERNDON PARKWAY #200 HERNDON, VIRGINIA 22040

PROJECT: TACO BELL RESTAURANT COLUMBIA JUNCTION SECTION 1, AREA 1, PARCEL A. LOCATION: ZONING MAP 14-40, PARCEL 14-100 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE: SITE DETAIL SHEET DATE: JUNE 10, 1992 PROJECT NO. 0471 SCALE: 1" = 20' DRAWING C-5 OF 8

DES. DAM DRN. SHS/CAB

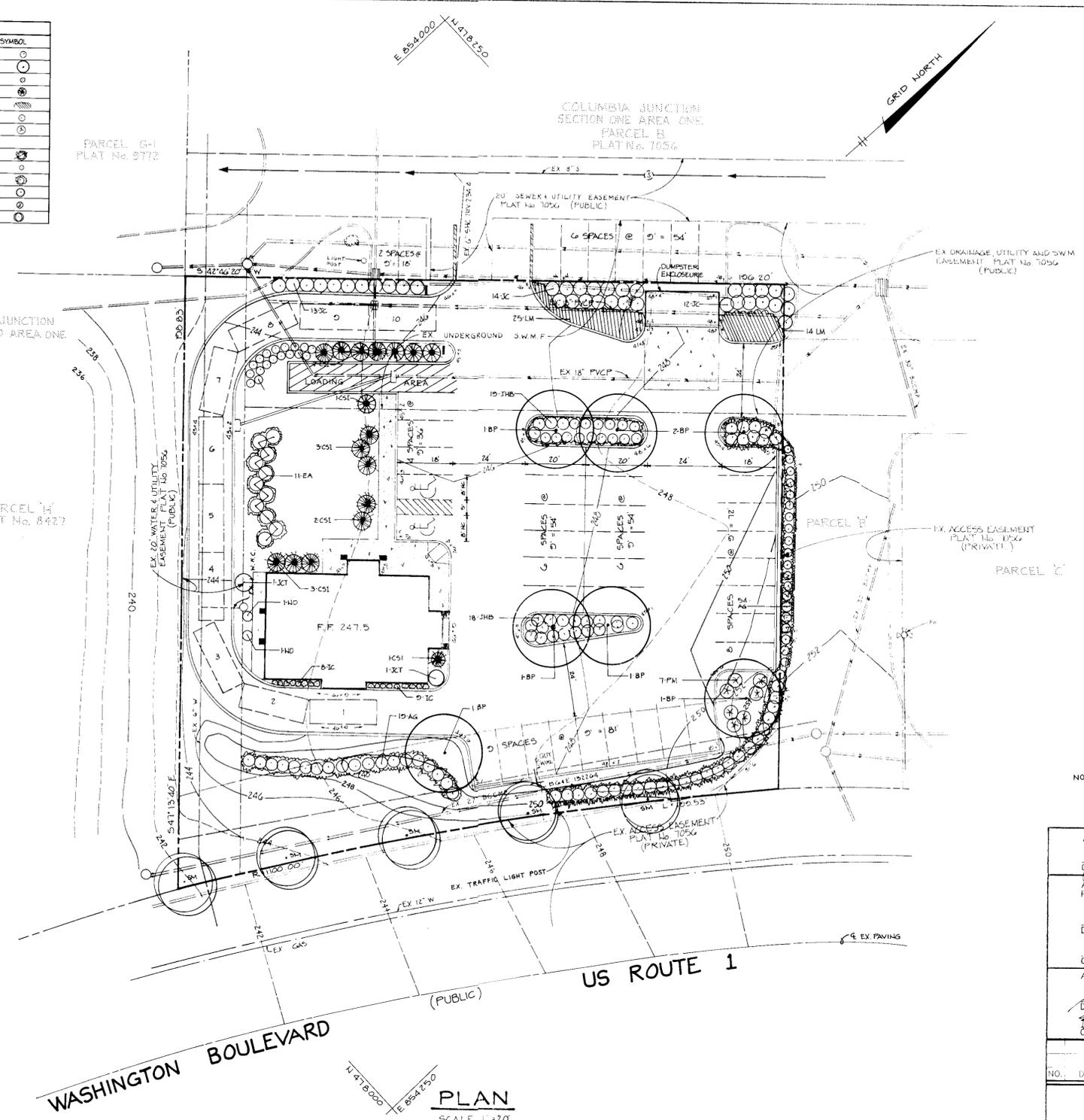
ITEM NO.	KEY QUANTITY	BOTANICAL NAME	COMMON NAME	INITIAL HEIGHT	INITIAL WIDTH	ROOT SIZE CAL.	SPACING	COMMENT	SYMBOL
1	37	JUNIPERUS HORIZONTALIS	BLUE RUG JUNIPER	2'-4"	18'-24"		4' O.C.		○
2	1	PYRUS CALLERYANA	BRADFORD PEAR	10'-12"	7'-9"	2 1/4" B&B	AS SHOWN		○
3	17	ILEX CRENATA 'HELLERI'	HELLERI HOLLY	10'-12"	15'-18"	CONT.	2' O.C.		○
4	17	CORTADERIA SELLOIANA	PAMPAS GRASS	7.5'-4"	25'-35"	CONT.	5' O.C.		○
5	39	LIRIOPE MUSCARI	LIRIOPE			2 1/4" POT	16' O.C.	PURPLE FLOWERS	○
6	37	JUNIPERUS CHINENSIS COMPACTA	COMPACT PFITZER JUNIPER	12'-15"	8'-24"	CONT.	4' O.C.		○
7	7	PINUS MUGO	MUGO PINE	15'-18"	15'-18"	CONT.	4' O.C.		○
8	11	EUONYMUS ALATUS	WINGED EUONYMUS	2'-2 1/2"	15'-18"	B&B	5' O.C.		○
9	16	JUNIPERUS CHINENSIS PARSONII	PARSONS JUNIPER	12'-15"	18'-24"	CONT.	3 1/2' O.C.		○
10	73	ABELIA GRADIFLORA	EDWARD GOUCHER ABELIA	15'-24"	18'-24"	CONT.	3 1/2' O.C.		○
11	2	JUNIPERUS CHINENSIS TORULOSA	HOLLYWOOD JUNIPER	4'-15"	3'-4"	CONT.	AS SHOWN		○
12	2	HANDIHA DOMESTICA	HANDIHA	15'-24"	15'-18"	CONT.	5' O.C.		○
13	5	ACER SACCHARUM	SUGAR MAPLE			2 1/2" B&B	40' O.C.		○

COLUMBIA JUNCTION SECTION TWO AREA ONE

PARCEL 'A' PLAT No. 8427

PARCEL 'G-1' PLAT No. 9772

COLUMBIA JUNCTION SECTION ONE AREA ONE
PARCEL B PLAT No. 7056



NOTE: NO PLANTS SHALL BE PLANTED CLOSER THAN 2' TO ANY PARKING BAY

WASHINGTON BOULEVARD

US ROUTE 1

PLAN
SCALE: 1" = 20'

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.	DATE: 9-30-92
COUNTY HEALTH OFFICER	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	DATE: 9-24-92
DIRECTOR	
CHIEF, BUREAU OF ENGINEERING	DATE: 10-14-92
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING	DATE: 10-14-92
DIRECTOR	
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	DATE: 10-14-92

T S A GROUP INC. planning • architecture • engineering 8180 Baltimore National Pike • Ellicott City, Maryland 21043 • (301)465-8105	
OWNER SCI LIMITED PARTNERSHIP 8480 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21043 (410) 465-4244	PROJECT TACO BELL RESTAURANT COLUMBIA JUNCTION SECTION ONE, AREA ONE, PARCEL A
DEVELOPER TACO BELL CORP. 620 HERNDON PARKWAY #200 HERNDON, VIRGINIA 22070	LOCATION ZONING MAP 15-4B PARCEL 15-180 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE LANDSCAPE PLAN	
DATE: JUNE 10, 1992	PROJECT NO. 047
DES. DAM	DRN. CAB
SCALE: 1" = 20'	DRAWING: UC-7 01-8

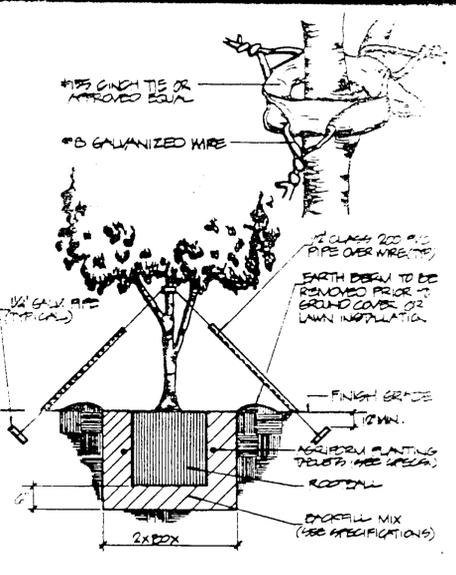
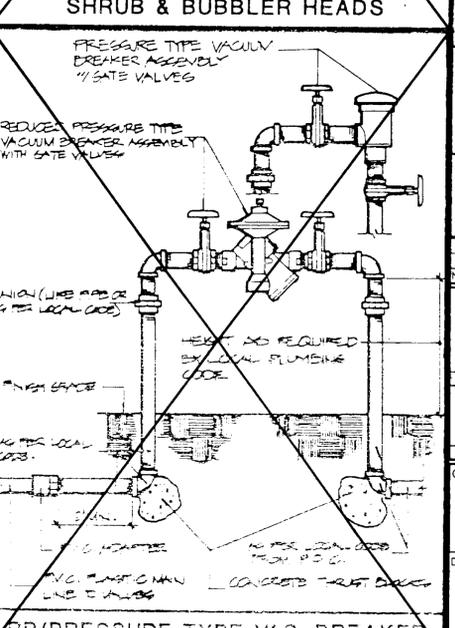
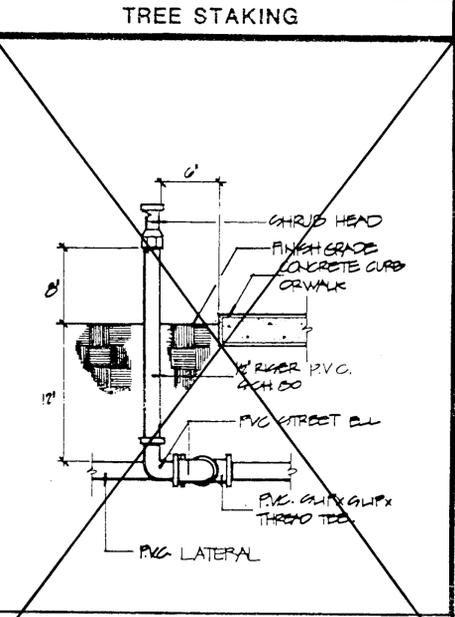
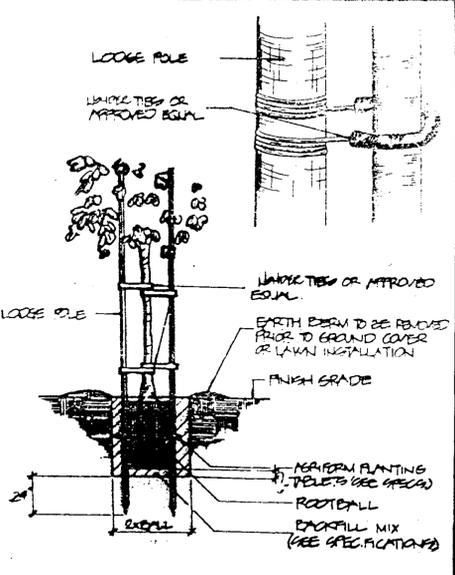
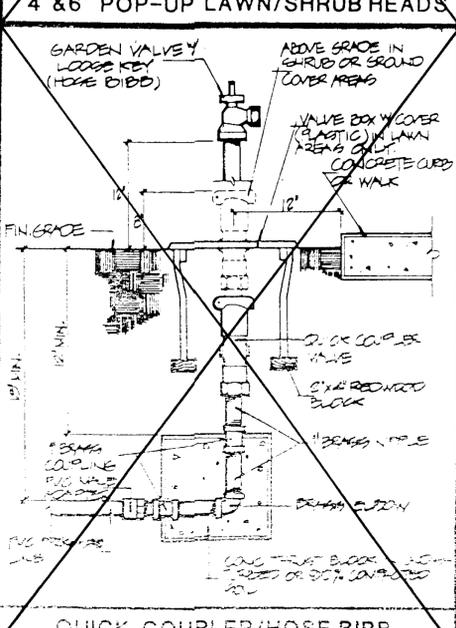
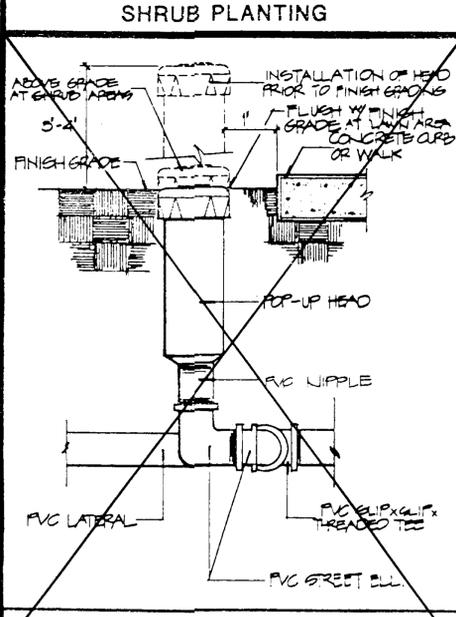
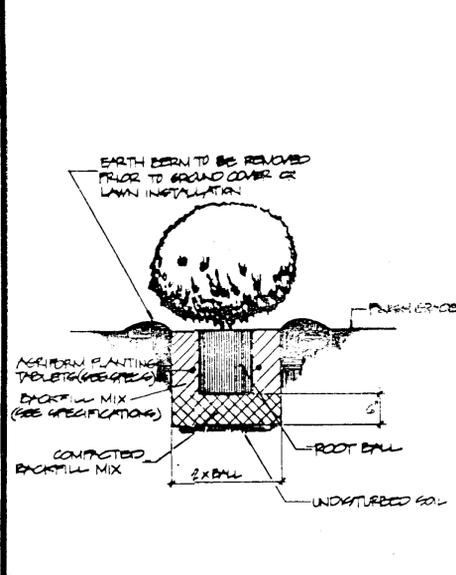
SDP-92-119

PLANTING SPECIFICATIONS

- SCOPE OF WORK**
 - A. THIS WORK SHALL CONSIST OF PERFORMING, CLEARING AND GRADING, SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- MATERIALS**
 - A. GENERAL - ALL MATERIALS SHALL BE THE BEST OF ITS KIND AVAILABLE. DO NOT BEGIN SOIL PREPARATION AND PLANTING UNTIL IRRIGATION WORK AROUND PLANTING AREAS IS COMPLETE AND APPROVED.
 - B. PLANTS - ALL PLANTS SHALL BE HEALTHY, OF NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS.
- VARIETIES AND SIZES OF PLANTS SHALL BE AS SHOWN ON DRAWINGS.**
- FERTILIZERS AND SOIL CONDITIONERS**
 - A. REDWOOD SHAVINGS - SHALL BE NITROGEN STABILIZED REDWOOD SHAVINGS (0.5% NITROGEN, DRY BASE).
 - B. ORGANIC FERTILIZER - SHALL BE PROCESSED SEWER SLUDGE WITH MINIMUM CONTENT OF 1% NITROGEN AND 2% PHOSPHORIC ACID, EQUAL TO "NITROPLUS".
 - C. ORGANIC FERTILIZER AND SOIL CONDITIONER - SHALL BE "ORG-PONER" AND ORGANIC BASE MATERIALS (COMPRISING OF DECOMPOSED ANIMAL AND VEGETABLE MATTER AND COMPOSTED TO SUPPORT BACTERIAL CULTURES, CONTAINING NO POLYESTER, ANIMAL OR HUMAN WASTE QUANTIFIED ANALYSIS (5-3-1) NITROGEN 5%, PHOSPHATE 3%, POTASH 1%, SOIL NUTRIENTS AND 15% LAMIC ACIDS, AVAILABLE THROUGH SOUTHERN CALIFORNIA ORGANIC FERTILIZER CO., 12111 168-4499, BLENDALE, CALIFORNIA.
- GENERAL WORK REQUIREMENTS**
 - A. LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING.
- WEEDING**
 - A. BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
- SOIL CONDITIONING**
 - A. CULTIVATE ALL AREAS TO BE PLANTED TO A DEPTH OF 4". ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. SPREAD EVENLY IN ALL PLANTING AREAS AND TILL (8 DIRECTIONS) INTO TOP 4" WITH THE FOLLOWING PER 1,000 SQ. FT.:
 - 1 CUBIC YARD OF NITROGENIZED REDWOOD SHAVINGS
 - 150 POUNDS "ORG-PONER"
 - 100 POUNDS AGRICULTURAL GYPSUM
 - 20 POUNDS NITROFORM (COARSE) 38-0-0 BLUE CHIP
- PLANTING**
 - A. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
 - 1. PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH WIDTH TWICE THE DIAMETER OF ROOT BALL AND 6" DEEPER THAN THE LENGTH OF ROOT BALL. EACH PLANT PIT SHALL BE BACKFILLED WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
 - 2 PARTS NITROGENIZED REDWOOD SHAVINGS BY VOLUME
 - 1 PART NITROPLUS BY VOLUME
 - 3 PARTS EXCAVATED SOIL BY VOLUME
 - 2) GRAIN TAGIFORM PLANTING TABLETS AS FOLLOWS:
 - 2 TABLETS PER 1 GAL. PLANT
 - 3 TABLETS PER 5 GAL. PLANT
 - 4 TABLETS PER 15 GAL. PLANT
 - LARGER PLANTS (2) TWO TABLETS (2) TWO TABLETS PER 1/2" DIAM. OF TRUNK CALIPER
 - B. PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT, FILL PREPARED SOIL AROUND BALL OF PLANT 1/2 WAY, AND INSERT PLANT TABLETS. COMPLETE BACK-FILLING AND WATER THOROUGHLY.
 - C. ALL PLANTS SHALL BE SET SO THAT, WHEN SETTLED, THEY BEAR THE SAME RELATION TO THE REQUIRED GRADE AS THEY BORE TO THE NATURAL GRADE BEFORE BEING TRANSPLANTED.
 - D. IMMEDIATELY AFTER PLANTING, STAKE ALL TREES TO PREVENT DAMAGE FROM WIND (LOGSPOLE STAKES LENGTH AS REQUIRED). FASTEN TREES TO UPPER END OF STAKE IN AT LEAST TWO (2) PLACES USING HOSE TYRE TIES.
 - E. PREPARE RAISED EARTH BASIN AS WIDE AS PLANTING HOLE OF EACH PLANT.
 - F. WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL, AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.
 - G. BEFORE GROUND COVER PLANTING, REMOVE EARTH BORN TO FINISH GRADE AND DISPOSE OF EXCESS SOIL.
- GROUND COVER**
 - A. ALL GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF "NITROPLUS" RAGED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING GROUND COVER.
 - B. SPACING AND VARIETY OF GROUND COVER SHALL BE AS SHOWN ON DRAWINGS.
 - C. IMMEDIATELY AFTER PLANTING GROUND COVER, CONTRACTOR SHALL THOROUGHLY WATER GROUND COVER.
 - D. ALL GROUND COVER AREAS SHALL BE WEEDED PRIOR TO APPLYING PRE-EMERGENT. PRE-EMERGENT TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATION.
- FINISH GRADING**
 - A. ALL AREAS WILL BE RECEIVED BY THE CONTRACTOR AT SUBSTANTIALLY PLUS/MINUS .1 FOOT OF FINISH GRADE.
 - B. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE. SOIL AREAS ADJACENT TO THE BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
 - C. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.
- WARRANTY**
 - A. CONTRACTOR SHALL GUARANTEE ALL 15 GALLON PLANTS AND LARGER FOR A PERIOD OF ONE (1) YEAR.
 - B. CONTRACTOR SHALL GUARANTEE ALL OTHER MATERIAL FOR A PERIOD OF 90 DAYS.
- SUBMITTALS**
 - A. UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- MAINTENANCE**
 - A. MAINTENANCE PERIOD TO COMMENCE AFTER FINAL INSPECTION. MAINTENANCE PERIOD FOR THIS CONTRACT SHALL BE 90 CALENDAR DAYS COMMENCING AFTER FINAL INSPECTION OF CONSTRUCTION.
- MAINTENANCE (ALTERNATE BID)**
 - COST PER MONTH AFTER INITIAL 90-DAY MAINTENANCE PERIOD.

IRRIGATION SPECIFICATIONS

- SCOPE OF WORK**
 - A. THE WORK INCLUDED IN THESE SPECIFICATIONS SHALL CONSIST OF THE FURNISHING OF ALL LABOR, TOOLS, MATERIALS, APPLIANCES, TESTS, PERMITS, ETC., NECESSARY FOR THE INSTALLATION OF A LANDSCAPE SPRINKLER SYSTEM, AS SHOWN ON DRAWINGS.
 - B. IT IS THE INTENT OF THESE SPECIFICATIONS TO ACCOMPLISH THE WORK OF INSTALLING A SPRINKLER SYSTEM COMPLETE AND OPERABLE IN AN EFFICIENT AND SAFE MANNER ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR SPRINKLER OPERATION FOR FULL COVERAGE.
- MATERIALS**
 - A. AS PER IRRIGATION LEGEND SHOWN ON DRAWINGS.
- OPERATION**
 - A. BEFORE PROCEEDING WITH ANY WORK, THE CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL DIMENSIONS AND SHALL REPORT ANY VARIATIONS TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
 - B. THE CONTRACTOR SHALL VERIFY AND BE FAMILIAR WITH THE LOCATION, SIZE, PRESSURE AND DETAIL OF FITTINGS PROVIDED AS THE SOURCE OF WATER SUPPLY TO THE SPRINKLER SYSTEM AS SHOWN ON PLANS.
 - C. THE CONTRACTOR FINDING ANY DISCREPANCIES ON THE DRAWINGS DURING ANYTIME AND/OR BEFORE PROCEEDING WITH ANY WORK, SHALL NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE OF SUCH DISCREPANCIES. OTHERWISE THE CONTRACTOR MUST ASSUME FULL RESPONSIBILITY FOR ANY AND ALL NECESSARY REVISIONS.
 - D. ALL LEAKS AND OVERFLOWS SHALL BE STOPPED IMMEDIATELY AND SHALL BE REPORTED TO ANY PORTION OF THIS WORK AND SHALL BE IMMEDIATELY STOPPED AND MAKE A PART OF THESE SPECIFICATIONS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE SPRINKLER CONTRACTOR.
 - E. ALL WORK CALLED FOR ON THE DRAWINGS BY NOTES SHALL BE FULLY DONE AND INSTALLED WHETHER OR NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS AND/OR DETAILS.
- SITE CONDITIONS**
 - A. THE CONTRACTOR SHALL EXAMINE CAREFULLY THE SITE OF WORK CONTINGENT AND THE PROPOSAL, PLANS, SPECIFICATIONS AND ALL OTHER CONTRACT DOCUMENTS. IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INVESTIGATED AND IS SATISFIED AS TO THE CONDITIONS TO BE ENCOUNTERED, PERFORMANCE, AND MATERIALS TO BE FURNISHED, AND AS TO THE REQUIREMENTS OF THE SPECIFICATIONS. ALL WORK ON SITE SHALL BE IN THE CONTRACTOR'S INTEREST.
- REGULATIONS**
 - A. THE CONTRACTOR SHALL FURNISH TO THE OWNER A COMPLETE "AS-BUILT" DRAWING OF SEPTA AND TWO PRINTS SHOWING EXACT LOCATIONS OF ALL ITEMS INSTALLED. THESE ARE TO BE DELIVERED ON OR BEFORE FINAL INSPECTION.
- TESTING**
 - A. TRICHONES FOR PLASTIC PIPE SHALL PROVIDE A MINIMUM EARTH COVER OF 18" ABOVE THE TOP OF THE PIPE FOR ALL MAINLINE AND 12" MINIMUM OVER ALL "LATERAL LINES".
- PIPELAYOUT**
 - A. ALL MAIN LINES IN THE SYSTEM SHALL BE CAPED AND PRESSURE TESTED AT 125 PSI FOR A PERIOD OF TWO HOURS. ANY LEAKS FOUND SHALL BE CORRECTED BY REWORKING THE LEAKING PIPE OR FITTINGS AND INSTALLING NEW MATERIAL IN ITS PLACE.
 - B. THE CONTRACTOR SHALL NOT ALLOW ANY CAUSE ANY OF HIS WORK TO BE COVERED OR ENCLOSED UNTIL IT HAS BEEN INSPECTED, TESTED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- COVERAGE TEST**
 - A. WHEN THE SPRINKLER SYSTEM IS COMPLETED, THE CONTRACTOR, IN THE PRESENCE OF THE OWNER'S AUTHORIZED REPRESENTATIVE, SHALL PERFORM A TEST COVERAGE OF WATER AFFORDED THE LAWN AND PLANTING AREAS, COMPLETE AND ADEQUATE. THE CONTRACTOR SHALL FURNISH ALL WATER PLANTS AND PERFORM ALL WORK REQUIRED TO CORRECT ANY INADEQUACIES OF COVERAGE AT HIS OWN COST.
- VALVE LOCATIONS**
 - A. THE CONTRACTOR SHALL INSTALL QUICK COUPLER PITS AT 12" DIA. PER 0.5" THROUGHOUT THE ENTIRE PROJECT OR AS INDICATED ON DRAWINGS.
- CONTROLLER**
 - A. CONTROLLER LOCATIONS SHALL BE AS NOTED ON DRAWINGS OR AS LOCATED BY OWNER'S AUTHORIZED REPRESENTATIVE.
 - B. 120 VOLT SERVICE AND WIRING TO CONTROLLER SHALL BE BY OWNER. IT IS THE RESPONSIBILITY OF CONTRACTOR TO NOTIFY THE PROJECT SUPERINTENDENT WHEN THE CONTROLLER IS READY FOR 120 VOLT Hook-Up.
- LOW VOLTAGE CONTROL WIRE**
 - A. ALL COMMON GROUND WIRE SHALL BE WHITE.
 - B. DIFFERENT COLOR WIRES SHALL BE USED ON POSITIVE WIRE FOR EACH VALVE.
 - C. FOR WIRE SIZE REFER TO THE MANUFACTURER'S CHART.
 - D. NO WIRES ARE TO BE SPliced BETWEEN VALVE AND CONTROLLER EXCEPT AT VALVE LOCATION.
 - E. ALL VALVE HOODS SHALL BE WITH MINIMUM PENETRATION WIRE CONNECTORS OF EQUAL.
- SITE VERIFICATION**
 - A. THE CONTRACTOR SHALL VERIFY THE CORRECTNESS OF ALL FINISH GRADES WITHIN THE WORK AREA IN ORDER TO INSURE THE PROPER SOIL COVER (AS SPECIFIED) OF THE SPRINKLER SYSTEM PIPE.
- NOTES**
 - A. CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS, AND FURNISH INCIDENTAL TO WORK OF THIS SECTION.
- WARRANTY**
 - A. THE ENTIRE SPRINKLER SYSTEM SHALL BE GUARANTEED BY THE CONTRACTOR AS TO MATERIALS AND WORKMANSHIP, INCLUDING SETTLING OF BACKFILLED AREAS BELOW GRADE FOR A PERIOD OF ONE (1) YEAR FOLLOWING THE DATE OF FINAL ACCEPTANCE OF THE WORK.
- CLEANUP**
 - A. UPON THE COMPLETION OF ALL PLANTING WORK, AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- VALVE AND QUICK COUPLER LOCATIONS**
 - ALL VALVE AND QUICK COUPLER ARE TO BE LOCATED 12" FROM SIDEWALKS, CURBS, UNPAVED CONCRETE PAVING, ETC. (UNLESS OTHERWISE NOTED).



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
 COUNTY HEALTH OFFICER: *[Signature]* 9-30-91
 DATE: 9-25-91

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* 9-24-91
 CHIEF, BUREAU OF ENGINEERING: *[Signature]* 9-24-91
 DATE: 10/10/91

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DIRECTOR: *[Signature]* 10/20/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: *[Signature]* 10/20/91
 DATE: 10/20/91

NO. DATE REVISION

T S A GROUP INC.
 planning • architecture • engineering
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OWNER: SCI LIMITED PARTNERSHIP
 8400 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21043
 (410) 465-4244

PROJECT: TACO BELL RESTAURANT
 COLUMBIA JUNCTION
 SECTION 1, AREA 1, PARCEL A

LOCATION: TAX MAP 16-40
 ZONING MAP 16-40 PARCEL 16100
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DEVELOPER: TACO BELL CORP.
 670 HERNDON PARKWAY #200
 HERNDON, VIRGINIA 22070

TITLE: LANDSCAPE DETAILS
 AND SPECIFICATIONS

DATE: JUNE, 1992 PROJECT NO. 0471

DES. DAM DRN. SHS/CAB SCALE: 1" = 20' DRAWING C-8 OF 8