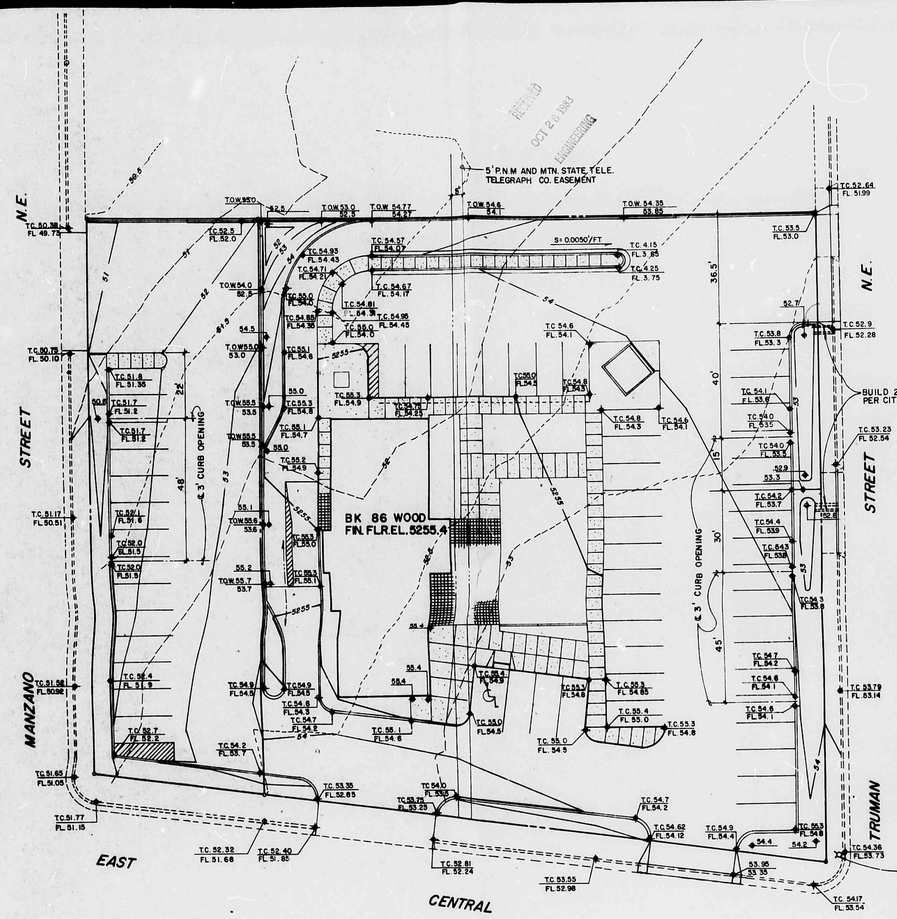
HYDROLOGY K17/D25 2 PLANS

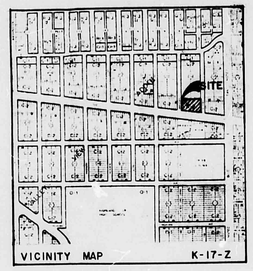
K17/D25

2 Plans

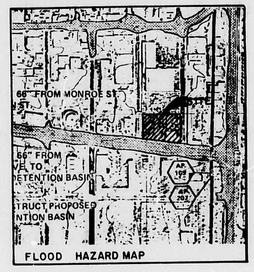
CITY OF ALBUQUERQUE



GRADING PLAN



VICINITY MAP K-17-Z



FLOOD HAZARD MAP

ON SITE SIGN NOTES

- (A) BURGER KING LOGO
- (B) CLEARANCE SIGN 8'-6" (NON-ILLUM.)
- (C) ORDER STATION
- (D1) BURGER KING LOGO
- (D2) DRIVE-THRU
- (D3) DIRECTIONAL ARROW
- (D4) THANK YOU
- (D5) ENTER ONLY
- (D6) EXIT ONLY
- (D7) NO EXIT
- (D8) ONE WAY
- (D9) RIGHT TURN ONLY
- (D10) DO NOT ENTER
- (D11) MESSAGE SYMBOL BOTH SIDES

LEGEND

- 57 SITE REFERENCE NOTE
- BUILDING TIE
- PROPOSED YARD LIGHT
- EXISTING CURB
- PROPOSED CURB
- EXISTING CURB GUTTER
- PROPOSED CURB GUTTER
- EXISTING EDGE OF PAVEMENT
- PROPOSED EDGE OF PAVEMENT
- 52.64 EXISTING SPOT ELEVATION
- 20 EXISTING CONTOUR
- 100.0 PROPOSED PAVEMENT ELEVATION
- TC53.0 FL52.5 PROPOSED CURB/PAVEMENT ELEVATION
- G EXISTING GAS LINE
- 44 PROPOSED GAS LINE
- W EXISTING WATER LINE
- 42 PROPOSED WATER LINE
- SS EXISTING SANITARY LINE
- 43 PROPOSED SANITARY LINE
- SD EXISTING STORM LINE
- PROPOSED STORM LINE
- E EXISTING ELECTRIC LINE (OH) OR (UG)
- T EXISTING TELEPHONE LINE (OH) OR (UG)
- 60 PROPOSED SPRINKLER SYSTEM

SITE REFERENCE NOTES

BOXES FILLED IN (☒) ITEMS (1) - (88) AND (A) - (D11) INDICATE ITEMS REQUIRED. ALL OTHERS ARE NOT IN THIS CONTRACT.

- ☒ (1) 6" CONCRETE CURB
- ☒ (1A) EXTRUDED CONCRETE CURB
- ☒ (2) 2' CONCRETE CURB & GUTTER
- ☒ (3) STANDARD CURB NOSING
- ☒ (4) 9" BARRIER CURB
- ☒ (5) 6" TO 9" CURB TRANSITION
- ☒ (6) PRECAST CONC. WHEELSTOP
- ☒ (7) PAVER TILE WALK
- ☒ (7A) BRICK WALK
- ☒ (8) BRUSHED CONCRETE WALK
- ☒ (8A) EXPOSED AGGREGATE WALK
- ☒ (9) CONCRETE RAMP EXTERNAL
- ☒ (10) CONCRETE RAMP INTERNAL
- ☒ (11) HANDICAP PARKING STALL
- ☒ (12) VERTICAL CURBED PARKING STALL
- ☒ (13) BRICK TRASH ENCLOSURE
- ☒ (13A) STUCCO TRASH ENCLOSURE
- ☒ (14) SINGLE FIXTURE
- ☒ (15) DOUBLE 180 DEGREE FIXTURES
- ☒ (16) DOUBLE 0 DEGREE FIXTURES
- ☒ (17) TRIPLE 180 DEGREE FIXTURES
- ☒ (18) QUAD 180 DEGREE FIXTURES
- ☒ (19) DOUBLE 180 DEGREE FIXTURES
- ☒ (20) PAINTED TRAFFIC ARROW
- ☒ (20A) CURVED TRAFFIC ARROW
- ☒ (21) RETAINING WALL (TYPE A)
- ☒ (22) RETAINING WALL (TYPE B)
- ☒ (23) RETAINING WALL (TYPE C)
- ☒ (24) TYPICAL GUARD POST
- ☒ (25) CATCH BASIN
- ☒ (25A) ALT. CATCH BASIN
- ☒ (26) TRENCH DRAIN
- ☒ (27) MANHOLE
- ☒ (28) SOAKAGE PIT
- ☒ (29) ROOF DRAIN BUBBLER
- ☒ (30) ROOF DRAIN FLUME
- ☒ (31) DECORATIVE MASONRY WALL
- ☒ (32) HANDRAIL
- ☒ (33) TRASH ENCLOSURE DRAIN
- ☒ (34) PLANTER (TYP.)
- ☒ (35) SEPTIC TANK
- ☒ (36) SEPTIC DOSING TANK
- ☒ (37) GREASE INTERCEPTOR
- ☒ (38) SANITARY CLEANOUT (TYP.)
- ☒ (39) DRAINFIELD
- ☒ (40) ROOF DRAIN LEADERS THRU CURB
- ☒ (41) 1-1/2" PVC IRRIGATION VALVE & BOX
- ☒ (42) WATER SERV. (SIZE ON SHT. FOR)
- ☒ (42A) WATER METER
- ☒ (42B) FIRE SPRINKLER SERVICE
- ☒ (42C) FIRE SPRINKLER METER
- ☒ (43) SANITARY SERVICE
- ☒ (44) GAS SERVICE
- ☒ (44A) GAS METER
- ☒ (45) 4" WIDE PAINTED STRIPES (TYP.)
- ☒ (46) 4" WIDE PAINT. STRIPES 1.5'OC @45-DEG.
- ☒ (47) 8" WIDE PAINTED STRIPE
- ☒ (48) FRONT VESTIBULE WITH FRONT DOOR
- ☒ (49) FRONT VESTIBULE WITH SIDE DOOR
- ☒ (50) SIDE VESTIBULE WITH FRONT DOOR
- ☒ (51) SIDE VESTIBULE WITH SIDE DOOR
- ☒ (52) TO BE CONSTR. AS PER LOCAL CODES
- ☒ (53) REPLACE/RESTORE CURB TO MATCH EXIST.
- ☒ (54) NEW PAVING TO BE COMPATIBLE W/ EXIST.
- ☒ (55) EXIST. TO BE REMOVED AND/OR RELOCATED
- ☒ (56) EXISTING TO REMAIN
- ☒ (57) WATER CONN TO TRASH ENCLOSURE (8-SHT.C-1
- ☒ (58) EDGE OF PAVEMENT (NO CURB)
- ☒ (59) 30"D TRAFFIC STOP SIGN W/ 10" ST. BAR
- ☒ (60) 4" PVC SLEEVE BENEATH PAVEMENT
- ☒ (61) TRANSFORMER PAD
- ☒ (62) DRIVE THRU CANOPY
- ☒ (63) ORDER STATION CANOPY
- ☒ (64) ENTERING ON DRIVE THRU WINDOW
- ☒ (65) ON EXIT DRIVE THRU LANE
- ☒ (66) HEAVY DUTY STOCKADE FENCE
- ☒ (67) LANDSCAPED AREA
- ☒ (68) CONTRACTOR TO CONN. TO EXIST. UTILITIES
- ☒ (69) WALK IN BOXES (SEE ARCHITECT PLANS)
- ☒ (70) GUARD POST AT DRIVE THRU WINDOW
- ☒ (71) PROPANE TANK (ABOVE GROUND)
- ☒ (71A) PROPANE TANK (UNDERGROUND)
- ☒ (72) SOAKAGE PIT (WELL)
- ☒ (73) PROPOSED FIRE HYDRANT LOCATION
- ☒ (74) PAVED DITCH
- ☒ (74A) ASPHALT SWALE
- ☒ (74B) RETENTION SWALE
- ☒ (75) CONCRETE ENDWALL
- ☒ (75A) ENDWALL SAND CEMENT
- ☒ (76) SIDEWALK UNDERDRAIN
- ☒ (77) RETENTION BASIN
- ☒ (78) OUTLET TRAP
- ☒ (79) GUARD RAIL (STEEL PLATE)
- ☒ (80) PLAYGROUND FENCING
- ☒ (81) PLANTER @ PLAYGRND W/ PEA GRAVEL
- ☒ (82) PAVER TILE @ PLAYGRND W/ PEA GRAVEL
- ☒ (83) CONC WALK @ PLAYGRND W/ PEA GRAVEL
- ☒ (84) PLANTER @ PLAYGRND W/ SYNTHETICS
- ☒ (85) PAVER TILE @ PLAYGRND W/ SYNTHETICS
- ☒ (86) CONC WALK @ PLAYGRND W/ SYNTHETICS
- ☒ (87) BK 86 DRIVE THRU DETAIL
- ☒ (88) BK 50 DRIVE THRU DETAIL

DRAINAGE PLAN

The proposed development is located northwest of the intersection of Central Ave. and Truman Street N.E. and contains approximately 0.900 Acres. The site is presently fully developed with a restaurant and associated parking lot. Runoff is presently to the northwest, across adjacent properties, to Manzano Street N.E. and thence to Copper Ave.. The proposed development will include a new restaurant parking lot, playground and associated landscaping.

Flows from upstream areas are diverted to Truman and Central by existing grades. Central Ave. is located in the 100-year flood hazard area and will have flows a maximum of one foot deep. The new building pad has been raised to be one foot above the potential flood hazard area. Development of the site will reduce total flows and rate of flows from the site. Regrading will also redirect flows to Central and Truman and eliminate flows across the adjacent properties. The grading plan contains both existing and proposed elevations indicated by one foot contours and spot elevations. Ponding is not required for the development. Flows from the site have been reduced by reducing the runoff coefficient and by routing flows through the landscaped areas prior to draining into the adjacent streets. Nuisance flows have been minimized by depressing the landscaping areas to retain low frequency storms.

Runoff Conditions.

$C_U = 0.9$ (totally developed)

$Q_U = 0.9\ (0.9)\ (5.4) = 4.37$ c.f.s.

$V_U = 0.9\ (2.4/12)\ (.9)\ (43560) = 7056$ c.f.

C_D

Impervious = 0.76 (.9) = .68
Pervious = 0.14 (.4) = .06
.74

$C = .74/.9 = .82$

$Q_D = 0.9\ (.82)\ (5.4) = 3.98$ c.f.s. < 4.37 ∴ ok.

$V_D = 0.9\ (2.4/12)\ (.82)\ (43560) = 6429$ c.f. < 7056 ∴ ok.

GRAPHIC SCALE

20 10 0 20 40

1" = 20 FT.

LEGAL DESCRIPTION

Lots 22 through 30, inclusive and the east 15.25 feet of Lot 31 and the east 65.25 feet of Lots 34 and 35, inclusive in Block 38 of the Valley View Addition, Albuquerque, Bernalillo County, New Mexico

RESTAURANT FOR:

BURGER KING CORPORATION

DRAWN BY | CHECKED BY H.A.V./WRIGHT | DATE | REVISION | BY

© 1981 BURGER KING CORPORATION
THIS PLAN, THE APPROVED BURGER KING CONFIGURATION, AND ALL INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF BURGER KING CORPORATION. NOTICE: THIS PLAN MUST BE COMPLETED THROUGH THE ARCHITECT AND CONTRACTOR.

P.O. BOX 520783
GENERAL MAIL FACILITY
MIAMI, FL. 33152
PHONE 305-596-7978

VICTOR J. CHAVEZ
STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

CIVIL ENGINEERING PLANS

GRADING PLAN

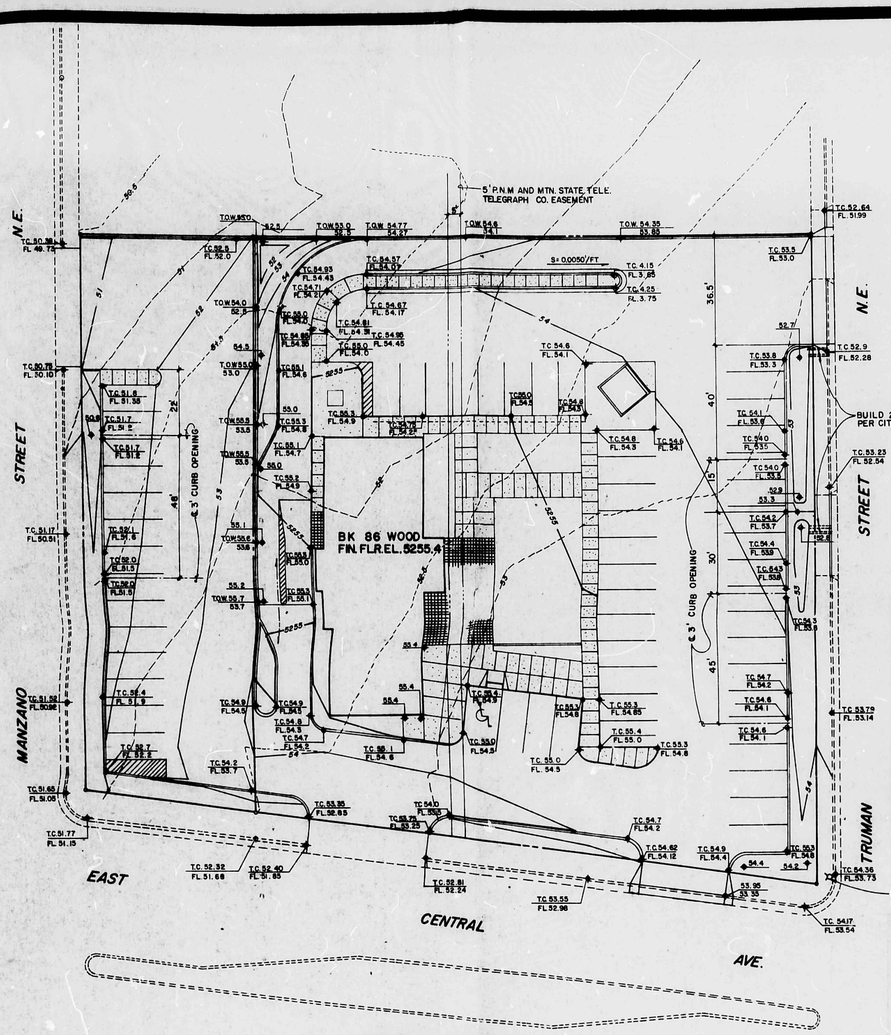
RECEIVED
OCT 20 1983
ENGINEERING

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

D 24 | C 20 | B 16 | A 12

CITY OF ALBUQUERQUE

C D



GRADING PLAN

LEGAL DESCRIPTION

Lots 22 through 30, inclusive and the east 15.25 feet of Lot 31 and the east 65.25 feet of Lots 34 and 35, inclusive in Block 38 of the Valley View Addition, Albuquerque, Bernalillo County, New Mexico

DRAINAGE PLAN

The proposed development is located northwest of the intersection of Central Ave. and Truman Street N.E. and contains approximately 0.900 Acres. The site is presently fully developed with a restaurant and associated parking lot. Runoff is presently to the northwest, across adjacent properties, to Manzano Street N.E. and thence to Copper Ave.. The proposed development will include a new restaurant parking lot, playground and associated landscaping.

Flows from upstream areas are diverted to Truman and Central by existing grades. Central Ave. is located in the 100-year flood hazard area and will have flows a maximum of one foot deep. The new building pad has been raised to be one foot above the potential flood hazard area. Development of the site will reduce total flows and rate of flows from the site. Regrading will also redirect flows to Central and Truman and eliminate flows across the adjacent properties. The grading plan contains both existing and proposed elevations indicated by one foot contours and spot elevations. Ponding is not required for the development. Flows from the site have been reduced by reducing the runoff coefficient and by routing flows through the landscaped areas prior to draining into the adjacent streets. Nuisance flows have been minimized by depressing the landscaping areas to retain low frequency storms.

Runoff Conditions.

$C_u = 0.9$ (totally developed)

$Q_u = 0.9\ (0.9)\ (5.4) = 4.37$ c.f.s.

$V_u = 0.9\ (2.4/12)\ (.9)\ (43560) = 7056$ c.f.

C_D

Impervious = 0.76 (.9) = .68
Pervious = 0.14 (.4) = .06
.74

$C = .74/.9 = .82$

$Q_D = 0.9\ (.82)\ (5.4) = 3.98$ c.f.s. < 4.37 ∴ ok.

$V_D = 0.9\ (2.4/12)\ (.82)\ (43560) = 6429$ c.f. < 7056 ∴ ok.

GRAPHIC SCALE

20 10 0 20 40

1" = 20 FT.

SCALE: 1" = 20'

ON SITE SIGN NOTES

- (R) BURGER KING LOGO
- (B) CLEARANCE SIGN 8'-6" (NON-ILLUM.)
- (C) ORDER STATION
- (01) BURGER KING LOGO
- (02) DRIVE-THRU
- (03) DIRECTIONAL ARROW
- (04) THANK YOU
- (05) ENTER ONLY
- (06) EXIT ONLY
- (07) NO EXIT
- (08) ONE WAY
- (09) RIGHT TURN ONLY
- (010) DO NOT ENTER
- (011) MESSAGE-SYMBOL BOTH SIDES

LEGEND

- (52) SITE REFERENCE NOTE
- BUILDING TIE
- PROPOSED YARD LIGHT
- EXISTING CURB
- PROPOSED CURB
- EXISTING CURB/GUTTER
- PROPOSED CURB/GUTTER
- EXISTING EDGE OF PAVEMENT
- PROPOSED EDGE OF PAVEMENT
- 52.64 EXISTING SPOT ELEVATION
- 20 EXISTING CONTOUR
- (100.0) PROPOSED PAVEMENT ELEVATION
- TC53.0 FL52.5 PROPOSED CURB/PAVEMENT ELEVATION
- G EXISTING GAS LINE
- (44) PROPOSED GAS LINE
- W EXISTING WATER LINE
- (42) PROPOSED WATER LINE
- SS EXISTING SANITARY LINE
- (43) PROPOSED SANITARY LINE
- SD EXISTING STORM LINE
- PROPOSED STORM LINE
- E EXISTING ELECTRIC LINE (OH) OR (UG)
- T EXISTING TELEPHONE LINE (OH) OR (UG)
- (60) PROPOSED SPRINKLER SYSTEM

SITE REFERENCE NOTES

BOXES FILLED IN (☒) ITEMS (1) - (38) AND (R) - (B) INDICATE ITEMS REQUIRED. ALL OTHERS ARE NOT IN THIS CONTRACT.

- ☒ (1) 6" CONCRETE CURB
- ☒ (1R) EXTRUDED CONCRETE CURB
- ☒ (2) 2' CONCRETE CURB & GUTTER
- ☒ (3) STANDARD CURB NOSING
- ☒ (4) 9" BARRIER CURB
- ☒ (5) 6" TO 9" CURB TRANSITION
- ☒ (6) PRECAST CONC. WHEELSTOP
- ☒ (7) PAVER TILE WALK
- ☒ (7R) BRICK WALK
- ☒ (8) BRUSHED CONCRETE WALK
- ☒ (8R) EXPOSE AGGREGATE WALK
- ☒ (9) CONCRETE RAMP EXTERNAL
- ☒ (10) CONCRETE RAMP INTERNAL
- ☒ (11) HANDICAP PARKING STALL
- ☒ (12) TYPICAL CURBED PARKING STALL
- ☒ (13) BRICK TRASH ENCLOSURE
- ☒ (13R) STUCCO TRASH ENCLOSURE
- ☒ (14) SINGLE FIXTURE
- ☒ (15) DOUBLE 180 DEGREE FIXTURES
- ☒ (16) DOUBLE 0 DEGREE FIXTURES
- ☒ (17) TRIPLE 180 DEGREE FIXTURES
- ☒ (18) QUAD 180 DEGREE FIXTURES
- ☒ (19) DOUBLE 180 DEGREE FIXTURES
- ☒ (20) PAINTED TRAFFIC ARROW
- ☒ (20R) CURVED TRAFFIC ARROW
- ☒ (21) RETAINING WALL (TYPE A)
- ☒ (22) RETAINING WALL (TYPE B)
- ☒ (23) RETAINING WALL (TYPE C)
- ☒ (24) TYPICAL GUARD POST
- ☒ (25) CATCH BASIN
- ☒ (25R) ALT. CATCH BASIN
- ☒ (26) TRENCH DRAIN
- ☒ (27) MANHOLE
- ☒ (28) SOAKAGE PIT
- ☒ (29) ROOF DRAIN BUBBLER
- ☒ (30) ROOF DRAIN FLUME
- ☒ (31) DECORATIVE MASONRY WALL
- ☒ (32) HANDRAIL
- ☒ (33) TRASH ENCLOSURE DRAIN
- ☒ (34) PLANTER (TYP.)
- ☒ (35) SEPTIC TANK
- ☒ (36) SEPTIC-DOSING TANK
- ☒ (37) GREASE INTERCEPTOR
- ☒ (38) SANITARY CLEANOUT (TYP.)
- ☒ (39) DRAINFIELD
- ☒ (40) ROOF DRAIN LEADERS THRU CURB
- ☒ (41) 1-1/2" PVC IRRIGATION VALVE & BOX
- ☒ (42) WATER SERV. (SIZE ON SHT. FP-1)
- ☒ (42R) WATER METER
- ☒ (42R) FIRE SPRINKLER SERVICE
- ☒ (42R) FIRE SPRINKLER METER
- ☒ (43) SANITARY SERVICE
- ☒ (44) GAS SERVICE
- ☒ (44R) GAS METER
- ☒ (45) 4" WIDE PAINTED STRIPES (TYP.)
- ☒ (46) 4" WIDE PAINT. STRIPES 1.5'OC @45-DEG.
- ☒ (47) 8" WIDE PAINTED STRIPE
- ☒ (48) FRONT VESTIBULE WITH FRONT DOOR
- ☒ (49) FRONT VESTIBULE WITH SIDE DOOR
- ☒ (50) SIDE VESTIBULE WITH FRONT DOOR
- ☒ (51) SIDE VESTIBULE WITH SIDE DOOR
- ☒ (52) TO BE CONSTR. AS PER LOCAL CODES
- ☒ (53) REPLACE RESTORE CURB TO MATCH EXIST.
- ☒ (54) NEW PAVING TO BE COMPATIBLE W/ EXIST.
- ☒ (55) EXIST. TO BE REMOVED AND/OR RELOCATED
- ☒ (56) EXISTING TO REMAIN
- ☒ (57) WATER CONN TO TRASH ENCL-NOTE B-SHT.C-1
- ☒ (58) EDGE OF PAVEMENT (NO CURB)
- ☒ (59) STD TRAFFIC STOP SIGN W/18" STOP BAR
- ☒ (60) 4" PVC SLEEVE BENEATH PAVEMENT
- ☒ (61) TRANSFORMER PAD
- ☒ (62) DRIVE THRU CANOPY
- ☒ (63) MENU STATION CANOPY
- ☒ (64) CENTERLINE OF DRIVE THRU WINDOW
- ☒ (65) CONCRETE DRIVE THRU LANE
- ☒ (66) REDWOOD STOCKADE FENCE
- ☒ (67) LANDSCAPED AREA
- ☒ (68) CONTRACTOR TO CONN. TO EXIST. UTILITIES
- ☒ (69) WALK IN BOXES (SEE ARCHITECTURAL)
- ☒ (70) GUARD POST AT DRIVE THRU WINDOW
- ☒ (71) PROPANE TANK (ABOVE GROUND)
- ☒ (71R) PROPANE TANK (UNDERGROUND)
- ☒ (72) SOAKAGE PIT (WELL)
- ☒ (73) PROPOSED FIRE HYDRANT LOCATION
- ☒ (74) PAVED DITCH
- ☒ (74R) ASPHALT SWALE
- ☒ (74R) RETENTION SWALE
- ☒ (75) CONCRETE ENDWALL
- ☒ (75R) ENDWALL SANDCEMENT
- ☒ (76) SIDEWALK UNDERDRAIN
- ☒ (77) RETENTION BASIN
- ☒ (78) OUTLET TRAP
- ☒ (79) GUARD RAIL (STEEL PLATE)
- ☒ (80) PLAYGROUND FENCING
- ☒ (81) PLANTER @ PLAYGRND W/PEA GRAVEL
- ☒ (82) PAVER TILE @ PLAYGRND W/PEA GRAVEL
- ☒ (83) CONC WALK @ PLAYGRND W/PEA GRAVEL
- ☒ (84) PLANTER @ PLAYGRND W/SYNTHETICS
- ☒ (85) PAVER TILE @ PLAYGRND W/SYNTHETICS
- ☒ (86) CONC WALK @ PLAYGRND W/SYNTHETICS
- ☒ (87) BK-86 DRIVE-THRU DETAIL
- ☒ (88) BK-50 DRIVE-THRU DETAIL

NO.	DATE	REVISION	BY

DRAWN BY: CHECKED BY: H.A.V./GARDNER DATE

© 1981 BURGER KING CORPORATION

NOTICE: PLANS AUTHORIZED BY THE APPROVED BURGER KING CORPORATION TO STRUCTURAL & ARCHITECTURAL ENGINEERS & LANDSCAPE ARCHITECTS ONLY.

RESTAURANT FOR:

BURGER KING CORPORATION

P.O. BOX 520783
GENERAL MAIL FACILITY
MIAMI, FL. 33152
PHONE 305-596-7978

VICTOR J. CLARK
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

CIVIL ENGINEERING PLANS

GRADING PLAN

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D