



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

May 4, 1994

Bob Ryals, P.E.
Ryals Engineering
4929 Idlewilde SE
Albuquerque, NM 87108

RE: REVISED GRADING & DRAINAGE PLAN FOR BLAKE'S LOTABURGER ON 2ND (F15-D20)
RECEIVED APRIL 20, 1994 FOR FINAL PLAT & BUILDING PERMIT APPROVAL
ENGINEER'S STAMP DATED 4-19-94.

Dear Mr. Ryals:

Based on the information included in the submittal referenced above, City Hydrology APPROVES this project for Final Plat & Building Permit.

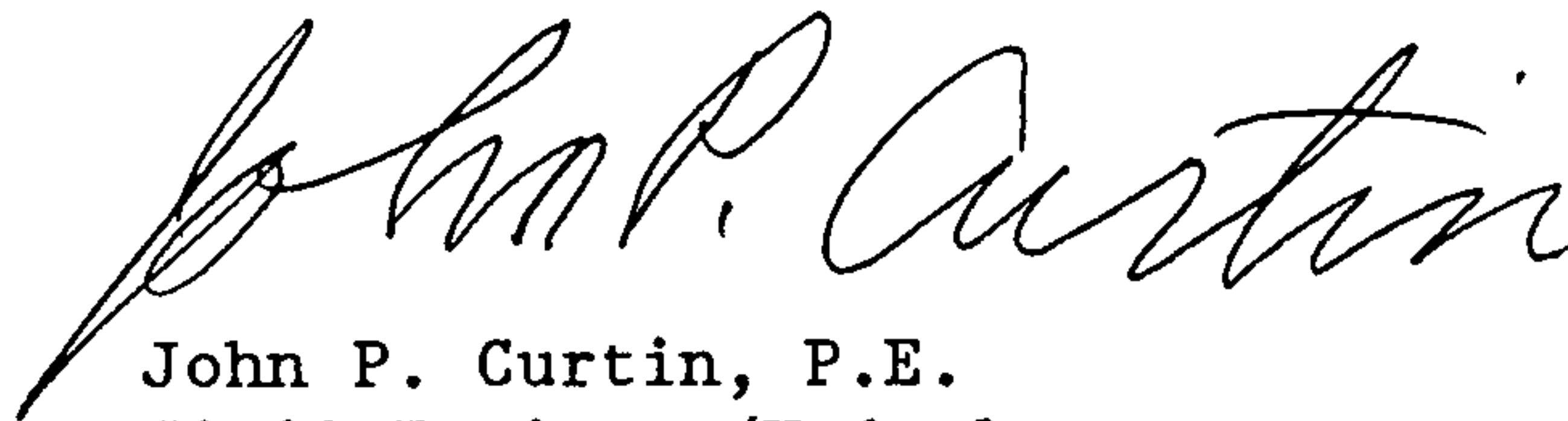
Include a copy of the Grading & Drainage plan in the set of construction document submitted to the One Stop for Building Permit.

A separate permit is required for construction of private drainage facilities within the City Right-of-Way. A copy of this letter must be on hand when applying for the excavation permit.

Engineer's Certification of grading & drainage per the DPM checklist must be approved before any Certificate of Occupancy will be released.

If you have any questions about this project, you may contact me at 768-2727.

Sincerely,



John P. Curtin, P.E.
Civil Engineer/Hydrology

c: Andrew Garcia
Darlene Saavedra

WPHYD/7974/jpc /



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 15, 1993

Bob Ryals, P.E.
Ryals Engineering
4929 Idlewilde SE
Albuquerque, NM 87108

RE: GRADING & DRAINAGE PLAN FOR BLAKE'S LOTABURGER ON 2ND (F15-D20)
RECEIVED SEPTEMBER 1, 1993 FOR BUILDING PERMIT APPROVAL
ENGINEER'S STAMP DATED 8/26/93.

Dear Mr. Ryals:

Based on the information included in the submittal referenced above, City Hydrology APPROVES this project for Building Permit.

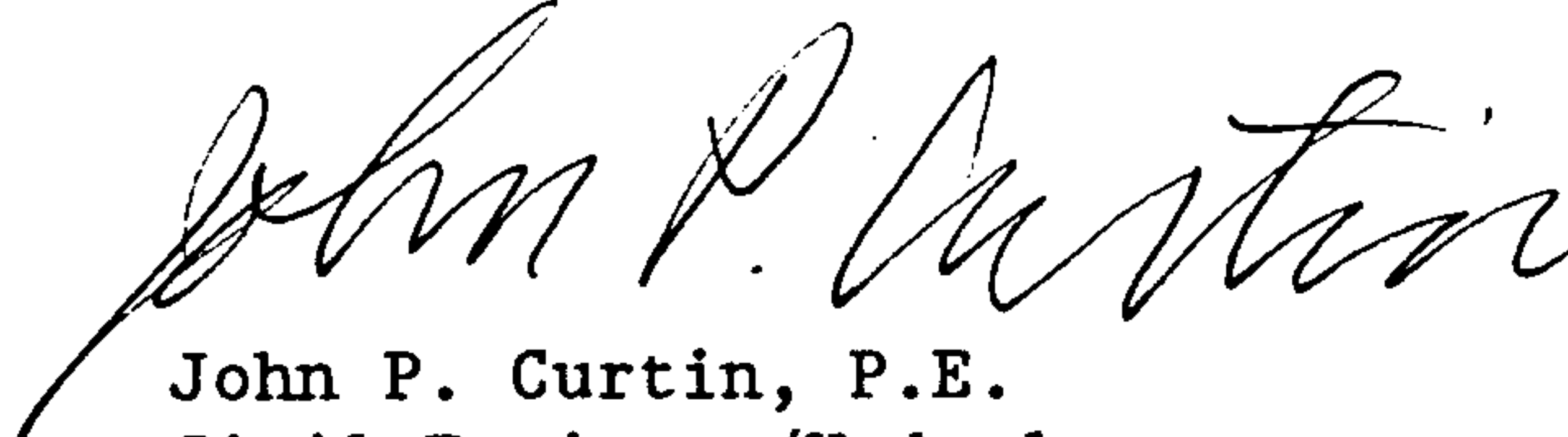
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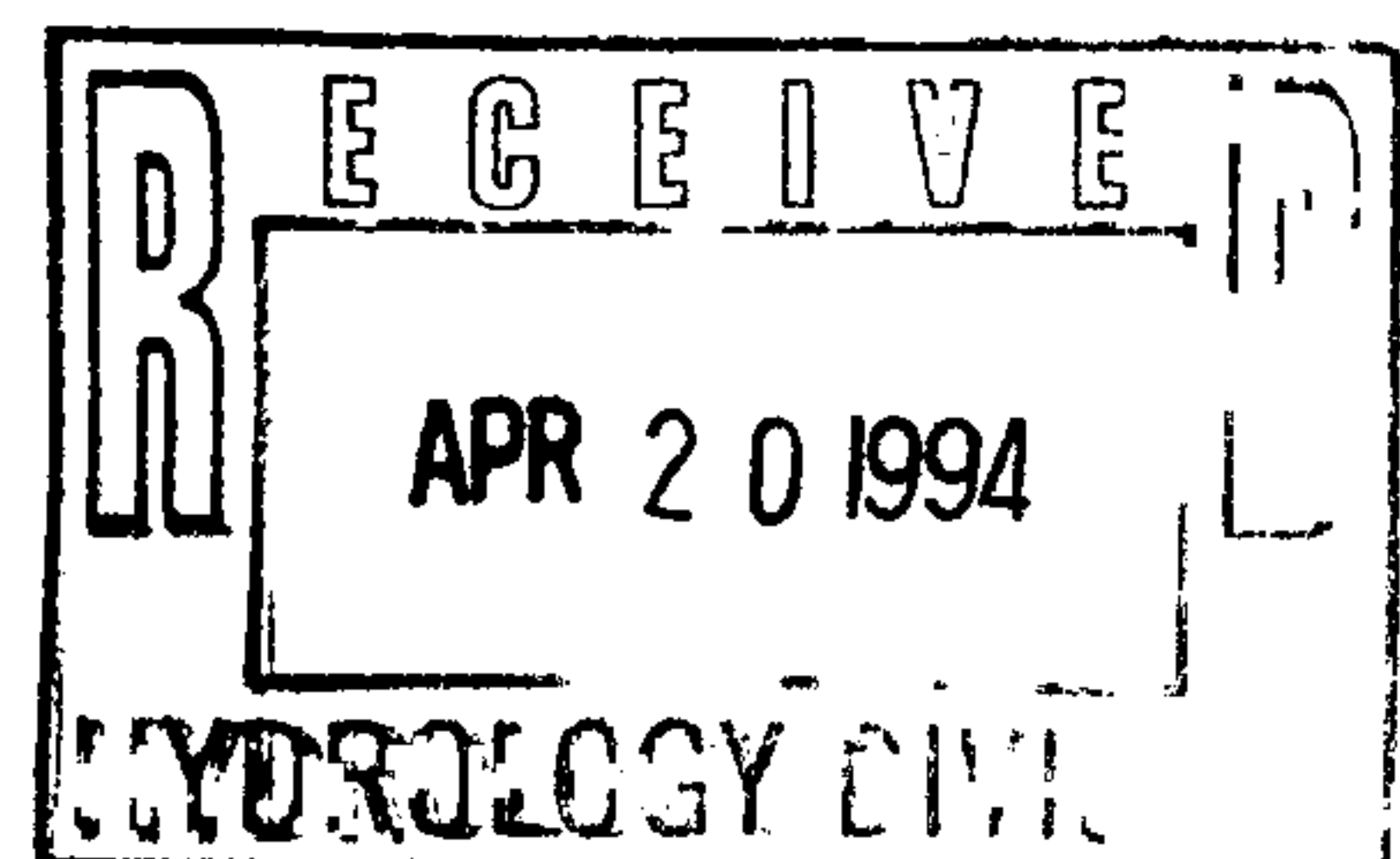

John P. Curtin, P.E.
Civil Engineer/Hydrology

JPC/d1/WPHYD/7974

xc: Alan Martinez
Darlene Saavedra
{ File _ _

PUBLIC WORKS DEPARTMENT

SUPPLEMENTAL CALCULATIONS
FOR
BLAKE'S LOTABURGER
NORTH SECOND ST AT PLEASANT AVE



file=bn2-4.wq1

BLAKE'S LOTABURGER - NORTH 2ND ST AT PLEASANT DRIVE

VERSION 4

04/19/94

11:29 AM

AREAS BY POLYLINES; LANDSCAPE AREAS DON'T INCLUDE CURB

AREA	SF
TOTAL AREA .429 AC	19123
MAIN LS @ PATIO	2461
LS N OF W DRIVE	103
LS S OF W DRIVE	59
LS @ S PL	417
LS NW OF DUMPSTER	427
LS E OF N DRIVE	126
 TOTAL LS	 3593
 TOTAL PAVED (W/O ALLEY)	 15530
 PATIO	 1444
PATIO + MAIN LS	3905
 S PAVING + SW LS	 6830
LESS SW LS	579
S PAVING	6251

FILE=DPMHYD40.WQ1

ALBUQUERQUE, NM, DPM (1/93) CRITERIA - SIMPLE PROCEDURE FOR <= 40 ACRES

PX100-6 = PRECIPITATION EXCESS FROM 100-YEAR 6-HOUR STORM

VOL10D = VOLUME OF RUNOFF FROM 100-YEAR 10-DAY STORM

TRTMT CLASS A=UNDISTURBED, B=LAWNS, C=UNPAVED ROADS, D=ROOFS, PAVEMENT: SEE DPM 22.2 P A-5

***** PROJECT INFO *****

BLAKE'S LOTABURGER NORTH 2ND ST @ PLEASANT DRIVE

4TH VERSION, NOW TOTAL OF 3 LOTS ON .439 AC

RAIN ZONE 2 SEE DPM P 22.2-2

100-YEAR PRECIPITATION (P) DEPTHS, INCHES

1 HR 6 HR 24 HR 4 DAY 10 DAY

2.01 2.35 2.75 3.30 3.95

04/19/94 11:50 AM EXIST CONDITIONS 100% IMPERVIOUS

SF TOT 19123

TRTMT CLASS	AREA SQUARE FEET	AREA ACRES	PX100-6 IN/AC	QP100-6 CFS/AC	QP100-6 CFS	VOL6HR AC-FT	VOL1D AC-FT	VOL4D AC-FT	VOL10D AC-FT	TRTMT PERCENT
A	0.00	0.0000	0.53	1.56	0.000	0.000	0.000	0.000	0.000	0.00
B	0.00	0.0000	0.78	2.28	0.000	0.000	0.000	0.000	0.000	0.00
C	0.00	0.0000	1.13	3.14	0.000	0.000	0.000	0.000	0.000	0.00
D	19123.00	0.4390	2.12	4.70	2.063	0.078	0.092	0.112	0.136	100.00
TOTAL	19123.00	0.4390			2.063	0.078	0.092	0.112	0.136	100.00
					CU FT	3378	4016	4892	5928	

04/19/94 11:50 AM ENTIRE SITE PROPOSED DEVELOPMENT

SF TOT 19123

TRTMT CLASS	AREA SQUARE FEET	AREA ACRES	PX100-6 IN/AC	QP100-6 CFS/AC	QP100-6 CFS	VOL6HR AC-FT	VOL1D AC-FT	VOL4D AC-FT	VOL10D AC-FT	TRTMT PERCENT
A	0.00	0.0000	0.53	1.56	0.000	0.000	0.000	0.000	0.000	0.00
B	3593.00	0.0825	0.78	2.28	0.188	0.005	0.005	0.005	0.005	18.79
C	0.00	0.0000	1.13	3.14	0.000	0.000	0.000	0.000	0.000	0.00
D	15530.00	0.3565	2.12	4.70	1.676	0.063	0.075	0.091	0.111	81.21
TOTAL	19123.00	0.4390			1.864	0.068	0.080	0.097	0.116	100.00
					CU FT	2977	3495	4207	5048	

04/19/94 11:50 AM PATIO + PATIO LANDSCAPE: NOT TO STREET UNLESS OVERFLOW CURB

SF TOT 3905

TRTMT CLASS	AREA SQUARE FEET	AREA ACRES	PX100-6 IN/AC	QP100-6 CFS/AC	QP100-6 CFS	VOL6HR AC-FT	VOL1D AC-FT	VOL4D AC-FT	VOL10D AC-FT	TRTMT PERCENT
A	0.00	0.0000	0.53	1.56	0.000	0.000	0.000	0.000	0.000	0.00
B	2461.00	0.0565	0.78	2.28	0.129	0.004	0.004	0.004	0.004	63.02
C	0.00	0.0000	1.13	3.14	0.000	0.000	0.000	0.000	0.000	0.00
D	1444.00	0.0331	2.12	4.70	0.156	0.006	0.007	0.008	0.010	36.98
TOTAL	3905.00	0.0896			0.285	0.010	0.011	0.012	0.014	100.00
					CU FT	415	463	529	608	

04/19/94 11:50 AM NOMINAL FLOW TO SIDEWALK CULVERT - INC SOME ACTUALLY OUT DRIVE

SF TOT 6830

TRTMT CLASS	AREA SQUARE FEET	AREA ACRES	PX100-6 IN/AC	QP100-6 CFS/AC	QP100-6 CFS	VOL6HR AC-FT	VOL1D AC-FT	VOL4D AC-FT	VOL10D AC-FT	TRTMT PERCENT
A	0.00	0.0000	0.53	1.56	0.000	0.000	0.000	0.000	0.000	0.00
B	579.00	0.0133	0.78	2.28	0.030	0.001	0.001	0.001	0.001	8.48
C	0.00	0.0000	1.13	3.14	0.000	0.000	0.000	0.000	0.000	0.00
D	6251.00	0.1435	2.12	4.70	0.674	0.025	0.030	0.037	0.044	91.52
TOTAL	6830.00	0.1568			0.705	0.026	0.031	0.038	0.045	100.00
					CU FT	1142	1350	1637	1975	

BLAKES NORTH 2ND 6-22-93 MHE
 PROPOSED TOTAL IN P = 13 243 SF = 0.3048 A

LANDSCAPE AREAS (APPROX)

1	1977	N EW OF BLDG, ACROSS SW TO PLEASANT & TO N 2ND ST.
2	333	E OF BLDG, INTO E PARKING & ALLEY
3	688	S LANDSCAPE TO 2ND ST
4	150	S LANDSCAPING TO ALLEY
	<u>3048</u>	23.02% ~ 23.0

PAVING

1	3158	E PARKING & DUMPSITE, TO ALLEY & PLEASANT
2	<u>7037</u>	TOTAL - (E PARKING & LANDSCAPE)
	10195	96.98% ~ 77.0

SOURCE: POLY LINES IN BANZ SIDE