

7-25-05	REV	DATE	APP	COMMENT
7-9-04	KEW	DATE	BY	APP
ADD EXTERIOR STAIRS				
BLDG 2, ADD EXTERIOR STAIRS				
ADD 46.5 SF BLDG 1, 250 SF				
ADD 46.5 SF BLDG 1, 250 SF				
APPROVED FOR: KENNETH WATKINS, P.E.				
DRAWN BY: KEW				
DATE: OCTOBER, 2003				
SCALE: 1" = 30'				
PROJECT NUMBER: 5005				

LEGEND:

- PROPERTY LINE
- LIMITS OF CONSTRUCTION
- SILT FENCE
- CONSTRUCTION STAGING
- EXISTING FENCE
- PROPOSED FENCE
- 5' CONTOUR
- 1' CONTOUR
- DRAINAGE AREA BOUNDARY

DRAINAGE CALCULATIONS

	C(2)	C(10)	C(25)	C(100)
EXISTING CONDITION, AREA 1				
DRAINAGE AREA #:	0.24			
AREA IN ACRES:	0.02	0.75	0.83	0.88
AREA OF ROOF/CONC:	0.20	0.73	0.81	0.86
AREA OF ASPHALT:	0.01	0.33	0.38	0.42
AREA OF GRASS:	0.01	0.29	0.35	0.39
(2-7%, GOOD)				
COMPOSITE "C" VALUE:	5	0.70	0.77	0.82
TIME OF CONCENTRATION:				
RAINFALL INTENSITY:		6.48	8.64	9.84
FLOWRATE (Q):		1.08	1.61	1.95
				2.60
DEVELOPED CONDITION, AREA 1				
DRAINAGE AREA #:	0.24			
AREA IN ACRES:	0.01	0.75	0.83	0.88
AREA OF ROOF/CONC:	0.17	0.73	0.81	0.86
AREA OF ASPHALT:	0.03	0.33	0.38	0.42
AREA OF GRASS:	0.03	0.29	0.35	0.39
(2-7%, GOOD)				
COMPOSITE "C" VALUE:	5	0.63	0.70	0.75
TIME OF CONCENTRATION:				
RAINFALL INTENSITY:		6.48	8.64	9.84
FLOWRATE (Q):		0.97	1.45	1.76
				2.37
EXISTING CONDITION, AREA 2				
DRAINAGE AREA #:	1.74			
AREA IN ACRES:	0.08	0.75	0.83	0.88
AREA OF ROOF/CONC:	1.22	0.73	0.81	0.86
AREA OF ASPHALT:	0.22	0.33	0.38	0.42
AREA OF GRASS:	0.22	0.29	0.35	0.39
(2-7%, GOOD)				
COMPOSITE "C" VALUE:	5	0.62	0.70	0.75
TIME OF CONCENTRATION:				
RAINFALL INTENSITY:		6.48	8.64	9.84
FLOWRATE (Q):		7.04	10.50	12.77
				17.17
DEVELOPED CONDITION, AREA 2				
DRAINAGE AREA #:	1.74			
AREA IN ACRES:	0.16	0.75	0.83	0.88
AREA OF ROOF/CONC:	0.98	0.73	0.81	0.86
AREA OF ASPHALT:	0.30	0.33	0.38	0.42
AREA OF GRASS:	0.30	0.29	0.35	0.39
(2-7%, GOOD)				
COMPOSITE "C" VALUE:	5	0.59	0.66	0.70
TIME OF CONCENTRATION:				
RAINFALL INTENSITY:		6.48	8.64	9.84
FLOWRATE (Q):		6.62	9.90	12.07
				16.29

THE REDEVELOPMENT OF THIS SITE RESULTS IN A NET DECREASE IN IMPERVIOUS COVER AND A RESULTING REDUCTION IN STORMWATER RUNOFF. THEREFORE, NO ALTERATIONS TO THE EXISTING STORMWATER DETENTION SYSTEM ARE PROPOSED.

Bleyl & Associates
Project Engineering & Management
1203 NORTH GUERREYAVICA
AUSTIN, TEXAS 78733
512-263-9174 PHONE
512-263-9179 FAX

DRAINAGE PLAN
HARBISON AUTO SALES
2027 SOUTH LAMAR BLVD.
AUSTIN, TEXAS

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

REVIEWED BY: DEVELOPMENT REVIEW AND INSPECTION DEPARTMENT DATE:

REPLACEMENT SHEET

SITE PLAN RELEASE: SHEET 5 OF 7

FILE NUMBER: SP-03-0469C REGISTRATION DATE: 02/14/04

CASE MANAGER: C. J. L. JONES APPLICATION DATE: 11/21/03

REVIEWED FOR GENERAL COMPLIANCE ON: 02/14/04

APPROVED BY PLANNING COMMISSION ON:

APPROVED BY CITY COUNCIL ON:

Under Section 112.05 of Chapter 112 of the Austin City Code.

Signing for Director, Watershed Protection & Development Review Department:

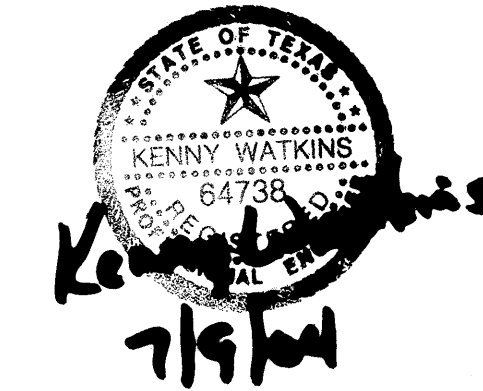
RELEASED FOR: GENERAL COMPLIANCE: Feb. 04 DRAWING: CS-00

Rev. 1: Correction 1:

Rev. 2: Correction 2:

Rev. 3: Correction 3:

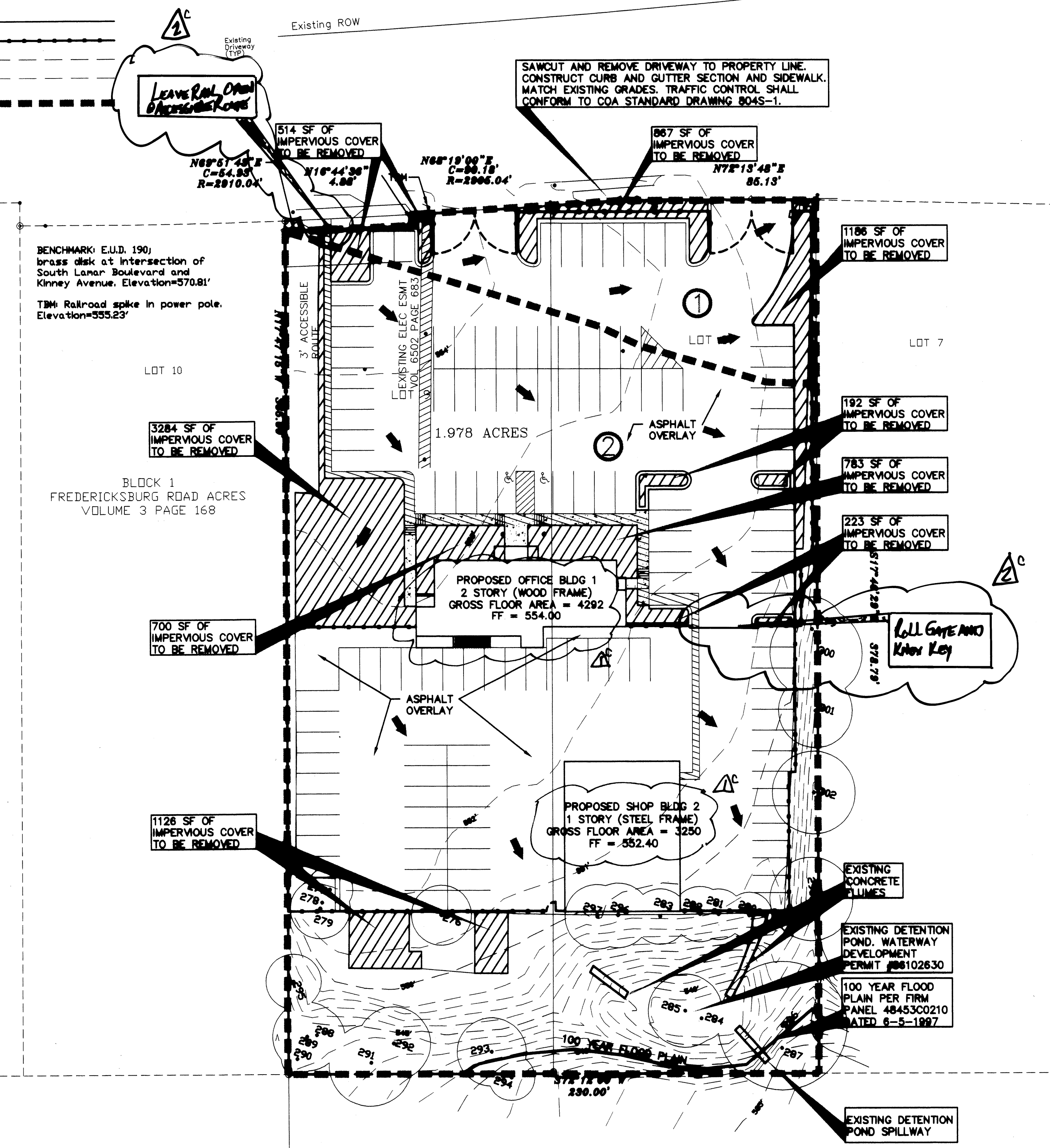
RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF THESE SUBMITTALS, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS.



PROJECT NUMBER: **5005**

FILE NAME: **BASE-5005.DWG**

SHEET: **5** OF: **9**



Culver J. DeLoach, Jr.
(1.658 Acres)
Document No. 2002219708

SP-03-0469C