FLAT PLAN FOR COMPONENT BAR PRODUCTS BUILDING EXPANSION

GBA
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Engineers / Architects
Kansas City, Mo. / Lenexa, Ks. / O'Fallon, Mo. / Wichita, Ks.

DATE: SEPTEMBER 2007
DESIGN BY: JJC
DRAWN BY: MSA
PROJECT NO.: 11333

SHEET NO.	TOTAL SHEETS
3	11

COMPONENT BAR BUILDING EXPANSION

NO.	DATE	DESCRIPTION	BY
1	8/22/07	160 LB KEYSTONE RETAINING WALL AT THE BACK OF CURB	MSA
2	8/22/07	CHANGED PROPOSED TREES NORTH OF THE PARKING LOT	MSA
3	8/22/07	REMOVED PROPOSED FENCE ALONG ON NORTH PROPERTY LINE	MSA
4	8/22/07	ADDED SITEPROOF FENCING	MSA
5	9/17/07	MODIFIED PARKING LOT LAYOUT AND INLET	MSA
6	9/17/07	ADDED RETAINING WALL FENCE AND FENCE DETAIL	MSA

DEMOLITION PLAN

(TBR) REMOVE STORM SEWER

(TBR) RELOCATE FIRE HYDRANT AND ABANDON/REMOVE WATER LINE

(TBR) PLUG UPSTREAM INLET INVERT

CAP EX. 6" WATERLINE

CONSTRUCTION PLAN

RETAINING WALL W/ 4' FENCE CONSTRUCTED ON A 1' BEARM 1' BEHIND WALL (6)

PROPOSED FENCE (SEE DETAIL)

PRIVATE FIRE PROTECTION SERVICE

DAI 14 MECHANICAL UNII

AI 13

OPEN-E & W SIDES

STORMWATER BERM

FIRE PROTECTION TURN AROUND

R3.00'

8"x6" REDUCER

90° BEND

CONC. PARKING AREA 21" RCP

R2.50'

CONNECT ROOF DRAIN

R4.00'

PRIVATE FIRE HYDRANT

CI 12

LIGHT

9' TYP.

25' TYP.

8"x8"x6" TEE

PRIVATE FIRE PROTECTION SERVICE

6' HIGH SITEPROOF FENCE

19' TYP.

TRANSITION CURB FROM 0" TO 6" HIGH

150'

6" VERTICAL CONCRETE CURB (TYP.)

R4.50'

PROP F.F. = 537.11

15000 S.F.

INSTALL 6 BICYCLE SPACES (MIN)

USE DuMOR, INC 125 SERIES BIKE RACK (OR APPROVED EQUAL)

6' WALK (MATCH EXISTING)

TRANSITION CURB FROM 0" TO 6" HIGH

PRIVATE FIRE PROTECTION SERVICE

EX. CURB INLET CONVERT TO GRATE INLET T=534.75'

LIGHT

21' RCP

CONC. WALK

90° BEND

C.O.

CONC. PARKING AREA

R10'

CONTECH VORTSENTRY HS MODEL HS48 OR APPROVED EQUAL

MH 10

CI 11

MH 9

6" PCC

EX TOP = 526.67'

PRO TOP = 527.25'

SAWCUT EX. PAVEMENT

2% SLOPE (MINIMUM)

EXISTING AUTOMATIC FIRE SUPPRESSION SYSTEM

C.O. 6" LAT. C.O.

6"x6"x6" TEE

EX TOP = 526.51'

PRO TOP = 526.6'

PROVIDE LOCK-TYPE LID FOR EXIST MANHOLE IN PAVEMENT

(ATG)

PRIVATE FIRE PROTECTION SERVICE

INSTALL 8' VALVE (PRIVATE)

INSTALL 8' TEE

PUBLIC WATER SERVICE

PRIVATE FIRE PROTECTION SERVICE

NOTE: Adjustment of existing Duckett Creek Sanitary District (DCSD) manhole requires DCSD inspection. Contact Mr. Steve Overbey, DCSD Chief Inspector, at 636-441-1244 to schedule inspection. 24-hour advance notice is required.

NOTE: Existing underground and overhead utilities and drainage structures have been plotted from available information and their locations must be considered approximate only. It is the responsibility of the contractor to notify the utility companies and to verify the locations of existing utilities before actual construction begins. Any discrepancies should be reported to the engineer immediately.

THIS TRACT IS SERVED BY:
Sewers – Duckett Creek Sanitary District – 441-1244
Water – St. Charles County Public Water District #2 – 561-3737
Electric – Ameren U.E. – 1-800-552-7583
Gas – St. Charles Gas Company – 946-8937
Telephone – AT&T – 949-1323
Fire – Cottleville Fire Protection District – 447-6655