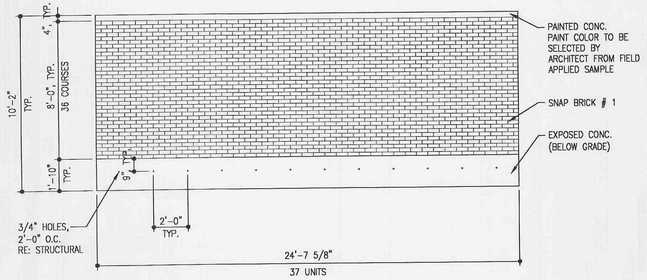

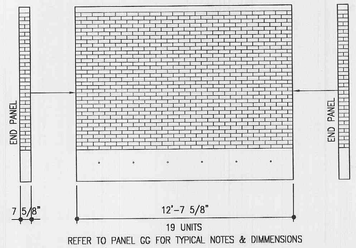

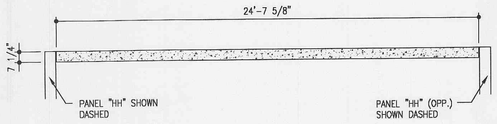

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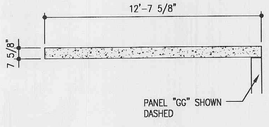

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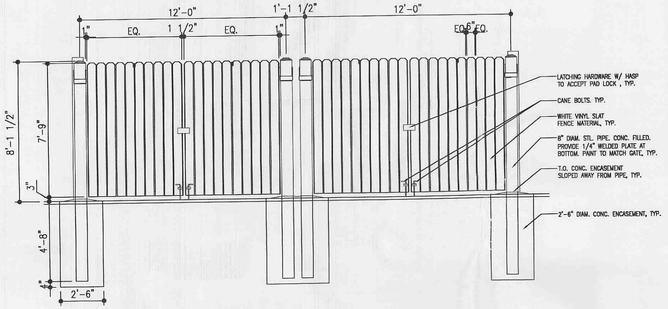
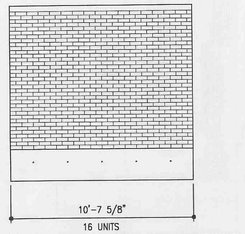
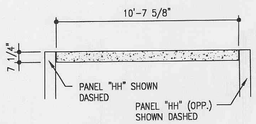


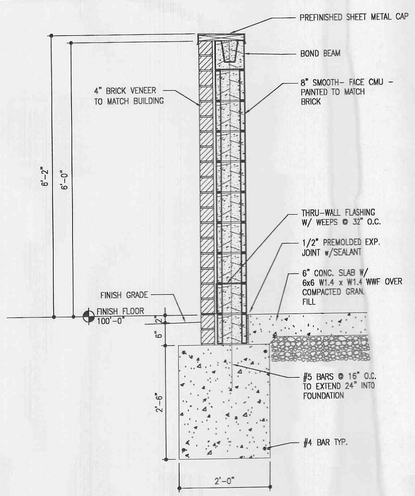




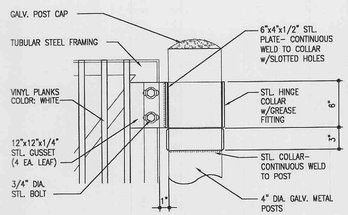
II

5 TRASH ENCLOSURE DETAILS (SHOPPES)

SCALE: N.T.S. REF. DWG. C5.0

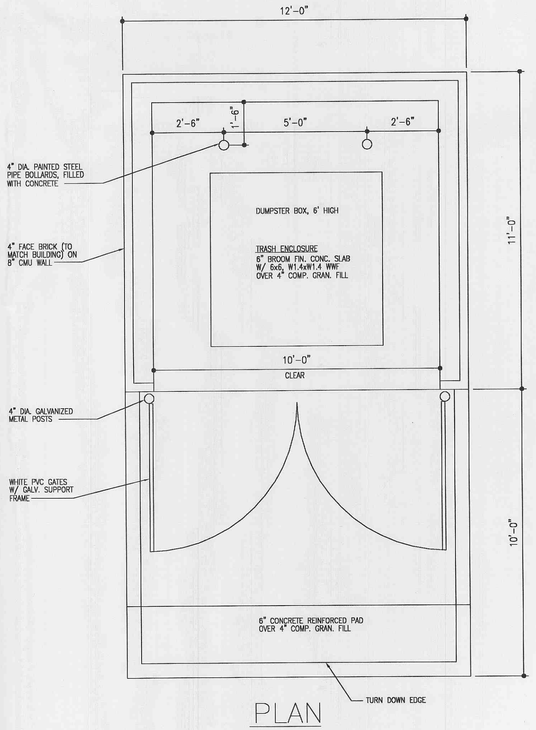


WALL SECTION @ TRASH ENCLOSURE



NOTE: ALL STEEL GALVANIZED

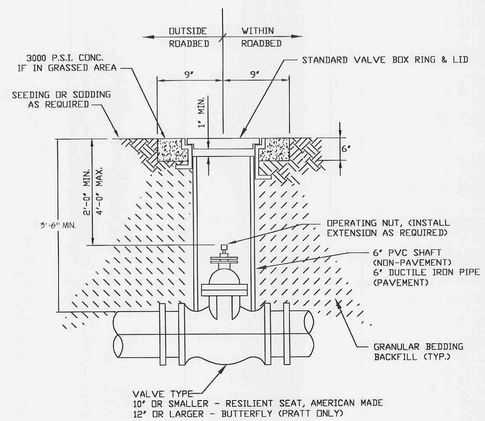
HINGE DETAIL



PLAN

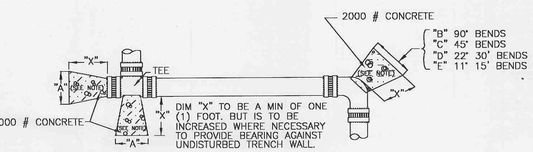
4 TRASH ENCLOSURE DETAILS (SPA)

SCALE: N.T.S. REF. DWG. C5.0



3 WATER VALVE DETAIL

SCALE: N.T.S. REF. DWG. C6.0



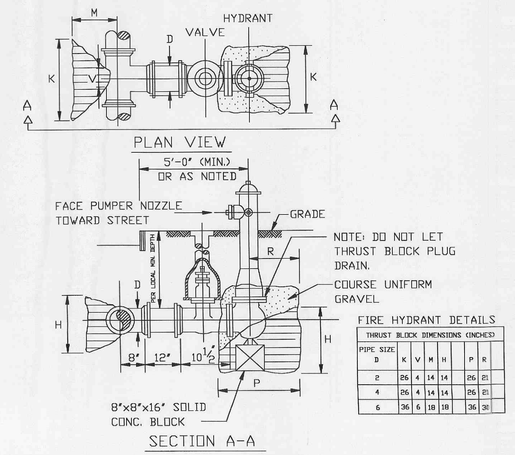
HORIZONTAL BLOCKING TABLE

PIPE SIZE	"X" DIM.	PLUGS & TEES "A"	*MIN. AREA	+MAX. VOL.	90° BENDS "B"	*MIN. AREA	+MAX. VOL.	5° BENDS "C"	*MIN. AREA	+MAX. VOL.	22° 30° BENDS "D"	*MIN. AREA	+MAX. VOL.	11° 15° BENDS "E"	*MIN. AREA	+MAX. VOL.
4"	1'-0"	1'-0"	.83	.05	1'-0"	.83	.05	1'-0"	.83	.05	1'-0"	.83	.05	1'-0"	.83	.05
6"	1'-6"	1'-0"	1.06	.06	1'-2"	1.50	.09	1'-0"	.83	.05	1'-0"	.83	.05	1'-0"	.83	.05
8"	1'-6"	1'-3"	1.89	.11	1'-6"	2.66	.15	1'-3"	1.44	.08	1'-0"	.83	.05	1'-0"	.83	.05
10"	1'-6"	1'-9"	2.95	.17	2'-0"	4.17	.24	1'-6"	2.26	.13	1'-3"	1.15	.07	1'-0"	.83	.05
12"	1'-6"	2'-0"	4.25	.24	2'-3"	6.00	.34	1'-9"	3.25	.18	1'-3"	1.65	.10	1'-0"	.83	.05
16"	2'-0"	2'-7"	7.54	.56	3'-0"	10.65	.79	2'-3"	5.76	.43	1'-8"	2.94	.22	1'-2"	1.48	.11
18"	2'-0"	2'-11"	7.70	.57	3'-5"	10.89	.82	2'-6"	5.89	.44	1'-10"	3.01	.22	1'-5"	1.51	.11
20"	2'-0"	3'-3"	7.86	.59	3'-9"	11.12	.84	2'-9"	6.01	.45	2'-0"	3.07	.23	1'-7"	1.54	.12
24"	6'-0"	3'-8"	11.33	.84	4'-3"	16.00	1.20	3'-2"	8.65	.65	2'-0"	4.42	.33	1'-10"	2.22	.17

* CALCULATIONS IN MIN. AREA COLUMN ARE IN SQ. FT.
+ CALCULATIONS IN MAX. AREA COLUMN ARE IN CUBIC YARDS.

2 THRUST BLOCKING DETAIL

SCALE: N.T.S. REF. DWG. C6.0



SECTION A-A

FIRE HYDRANT DETAILS

THRUST BLOCK DIMENSIONS (INCHES)							
PIPE SIZE D	K	V	M	H		P	R
2	26	4	14	14		26	21
4	26	4	14	14		26	21
6	36	6	18	18		36	30

1 FIRE HYDRANT DETAIL

SCALE: N.T.S. REF. DWG. C6.0

FILE # 9831.41

REVISIONS

DESC.	DATE
1 CITY REVIEW COMMENTS	3/30/04
2 CITY REVIEW COMMENTS	4/19/04

DEVELOPER / OWNER:
MCEAGLE DEVELOPMENT COMPANY
1001 BOARDWALK SPRINGS PLACE
O'FALLON, MO 63366
636-561-9300

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SEAL: STATE OF MISSOURI JAMES T. ROTH NUMBER E-2000150055 PROFESSIONAL ENGINEER

SHOPPES AT WINGHAVEN

SITE DETAILS

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Planning • Civil Engineering - Land Surveying
10777 Sunset Office Drive, Suite 10
St. Louis, MO 63127 (314) 984-9887 FAX: 984-0587
Email: info@colestl.com

DESIGNED BY JF
DRAWN BY JF
CHECKED BY JTR
DATE 02/13/04

Job Number 03-303

Sheet Number C9.0

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