

ENGINEER'S ESTIMATE OF PROBABLE COST
FOR
THE SILVER HAWK METROPOLITAN DISTRICT

Prepared For:

The Landuis Company
212 N. Wahsatch Avenue, Suite 301
Colorado Springs, Colorado 80903

Prepared By:



CIVIL CONSULTANTS, INC.

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Colorado Springs, CO 80903
(719) 955-5485

Date Prepared:

June 21, 2016

TOTAL IMPROVEMENTS
\$2,895,987.50

THE SILVER HAWK METROPOLITAN DISTRICT

BASED ON DEVELOPMENT PLAN DATED 6-21-16

IMPROVEMENT COST SUMMARY

DESCRIPTION	AMOUNT
GRADING AND EROSION CONTROL	\$ 840,000.00
STREETS (ONSITE)	\$ 828,500.00
WATER SYSTEM	\$ 299,500.00
SANITARY SYSTEM	\$ 188,500.00
STORM SYSTEM	\$ 201,750.00
PARKS AND LANDSCAPING	\$ 160,000.00
ENGINEERING/DESIGN/CONSTRUCTION - 15%	\$ 377,737.50
TOTAL	\$ 2,895,987.50

THE SILVER HAWK METROPOLITAN DISTRICT
GRADING AND EROSION CONTROL

IMPROVEMENT COST

DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT
Clearing and Grubbing	AC	15	\$ 8,000.00	\$ 120,000.00
Earthwork (Cut and Fill)	CY	100,000	\$ 4.00	\$ 400,000.00
Earthwork (Export)	CY	15,000	\$ 20.00	\$ 300,000.00
Miscellaneous	LS	1	\$ 20,000.00	\$ 20,000.00
Subtotal Grading & Erosion Control				\$ 840,000.00

THE SILVER HAWK METROPOLITAN DISTRICT
STREETS (ONSITE)

IMPROVEMENT COST

DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT
Road Subgrade	SY	12,000	\$ 2.00	\$ 24,000.00
Full Depth Asphalt (Assumed)	SY	12,000	\$ 32.00	\$ 384,000.00
8-inch Type 1 Curb & Gutter	LF	1250	\$ 18.00	\$ 22,500.00
6-inch Type 5 Curb & Gutter	LF	5,000	\$ 18.00	\$ 90,000.00
5-foot Detached Sidewalk (6")	LF	8,000	\$ 25.00	\$ 200,000.00
ADA Ramps	EA	20	\$ 2,000.00	\$ 40,000.00
Crossspan	EA	8	\$ 4,000.00	\$ 32,000.00
Signs	EA	15	\$ 400.00	\$ 6,000.00
Striping	LS	1	\$ 10,000.00	\$ 10,000.00
Miscellaneous	LS	1	\$ 20,000.00	\$ 20,000.00
Subtotal Streets (Onsite)				\$ 828,500.00

THE SILVER HAWK METROPOLITAN DISTRICT
WATER SYSTEM

IMPROVEMENT COST

DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT
8-Inch HDPE	LF	3,500	\$ 40.00	\$ 140,000.00
8-Inch Wet Tap	EA	2	\$ 500.00	\$ 1,000.00
8-Inch Gate Valve	EA	20	\$ 3,000.00	\$ 60,000.00
12-inch Gate Valve	EA	6	\$ 4,000.00	\$ 24,000.00
8-Inch - Tee3	EA	6	\$ 2,000.00	\$ 12,000.00
8-Inch - Plug and Blowoff	EA	3	\$ 2,500.00	\$ 7,500.00
8x6-inch - Fire Hydrant Assembly	EA	10	\$ 4,000.00	\$ 40,000.00
Miscellaneous	LS	1	\$ 15,000.00	\$ 15,000.00
Subtotal Water System				\$ 299,500.00

THE SILVER HAWK METROPOLITAN DISTRICT
SANITARY SYSTEM

IMPROVEMENT COST

DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT
8-inch PVC	LF	3,500	\$ 35.00	\$ 122,500.00
4-foot Manhole	EA	8	\$ 3,500.00	\$ 28,000.00
5-inch Manhole	EA	5	\$ 4,000.00	\$ 20,000.00
Connect to existing Manhole	EA	1	\$ 3,000.00	\$ 3,000.00
Miscellaneous	LS	1	\$ 15,000.00	\$ 15,000.00
Subtotal Sanitary System				\$ 188,500.00

THE SILVER HAWK METROPOLITAN DISTRICT
STORM SYSTEM

IMPROVEMENT COST

DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT
24" Storm Main	LF	250	\$ 120.00	\$ 30,000.00
30" Storm Main	LF	50	\$ 140.00	\$ 7,000.00
24" Bend	EA	1	\$ 2,000.00	\$ 2,000.00
24" FES	EA	1	\$ 22,000.00	\$ 22,000.00
4' Inlet	EA	1	\$ 8,000.00	\$ 8,000.00
8' Inlet	EA	1	\$ 16,000.00	\$ 16,000.00
Outlet Structure	EA	1	\$ 25,000.00	\$ 25,000.00
WQCV Pond	EA	1	\$ 40,000.00	\$ 40,000.00
Cobble Swale	LF	725	\$ 30.00	\$ 21,750.00
3' wide Sidewalk Chase	EA	1	\$ 5,000.00	\$ 5,000.00
Miscellaneous	LS	1	\$ 25,000.00	\$ 25,000.00
Subtotal Storm System				\$ 201,750.00

THE SILVER HAWK METROPOLITAN DISTRICT
PARKS AND LANDSCAPING

IMPROVEMENT COST

DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT
Parks and landscape	LS	1	\$ 150,000.00	\$ 150,000.00
Miscellaneous	LS	1	\$ 10,000.00	\$ 10,000.00
Subtotal Parks and Landscaping				\$ 160,000.00

THE SILVER HAWK METROPOLITAN DISTRICT

RESIDENTIAL SERVICE AREA



SCALE: 1" = 300'

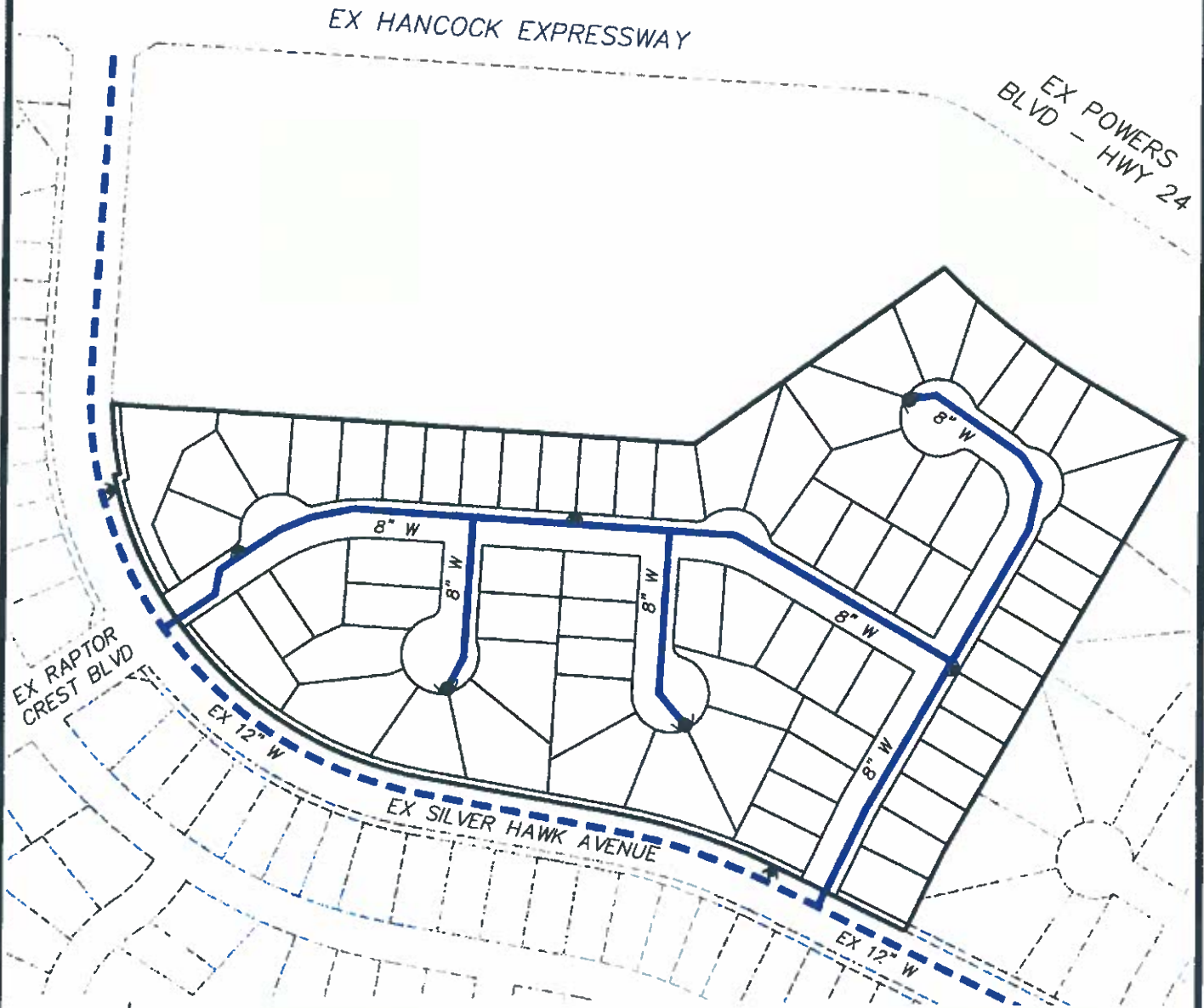
THE SILVER HAWK METROPOLITAN DISTRICT
RESIDENTIAL SERVICE AREA
JOB NO. 43-091
DATE PREPARED: JUNE 21, 2016



2010 LINDER CIRCLE DE. 110
COLORADO SPRINGS,
COLORADO 80903
719.555.6466

THE SILVER HAWK METROPOLITAN DISTRICT

WATER SERVICE AREA



SCALE: 1" = 200'

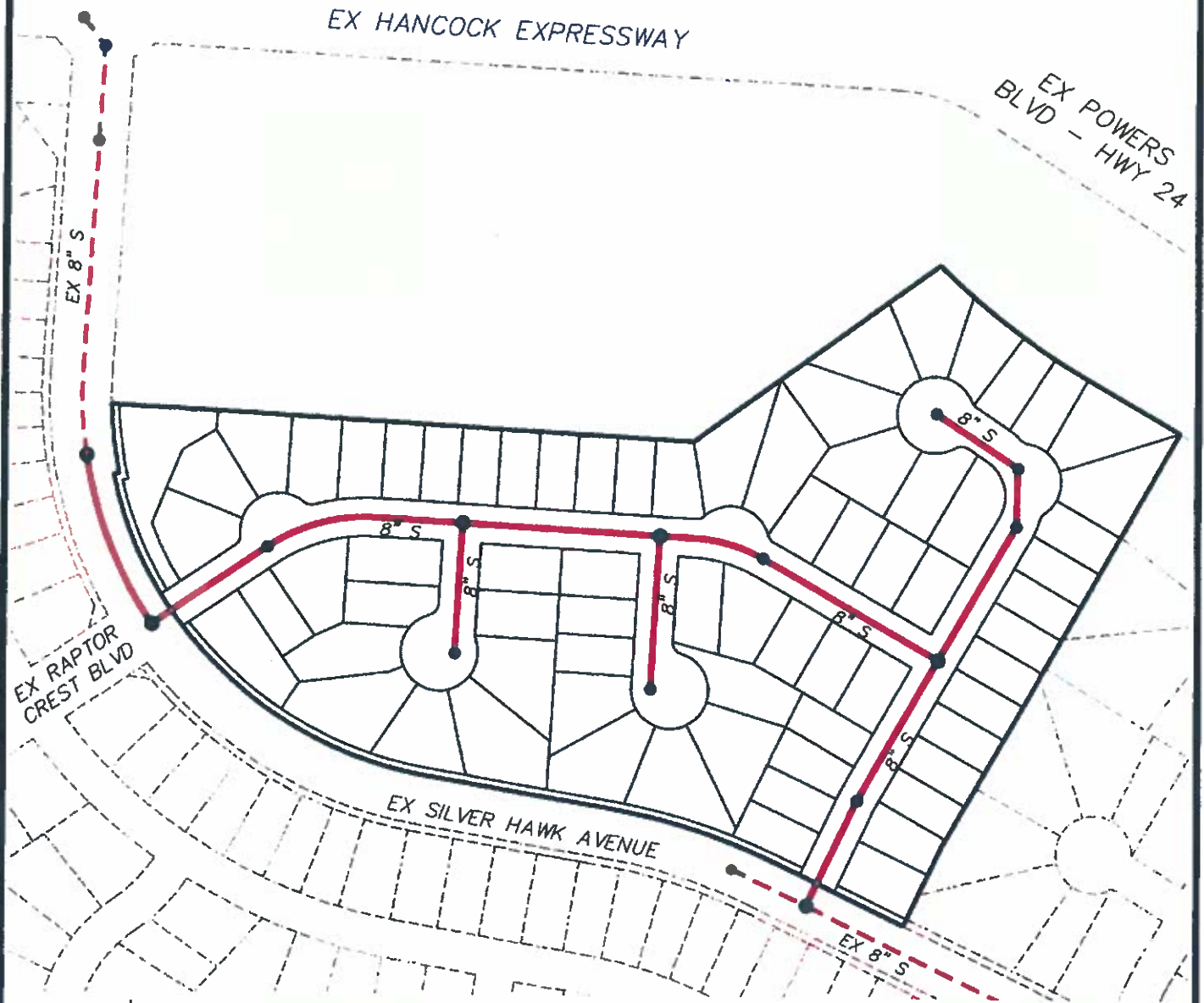
THE SILVER HAWK METROPOLITAN DISTRICT
WATER SERVICE AREA
JOB NO. 43-091
DATE PREPARED: JUNE 21, 2016



20 HOLLER CREEK STE 110
COLORADO SPRING
COLORADO 80903
719.555.485

THE SILVER HAWK METROPOLITAN DISTRICT

SEWER SERVICE AREA



SCALE: 1" = 200'

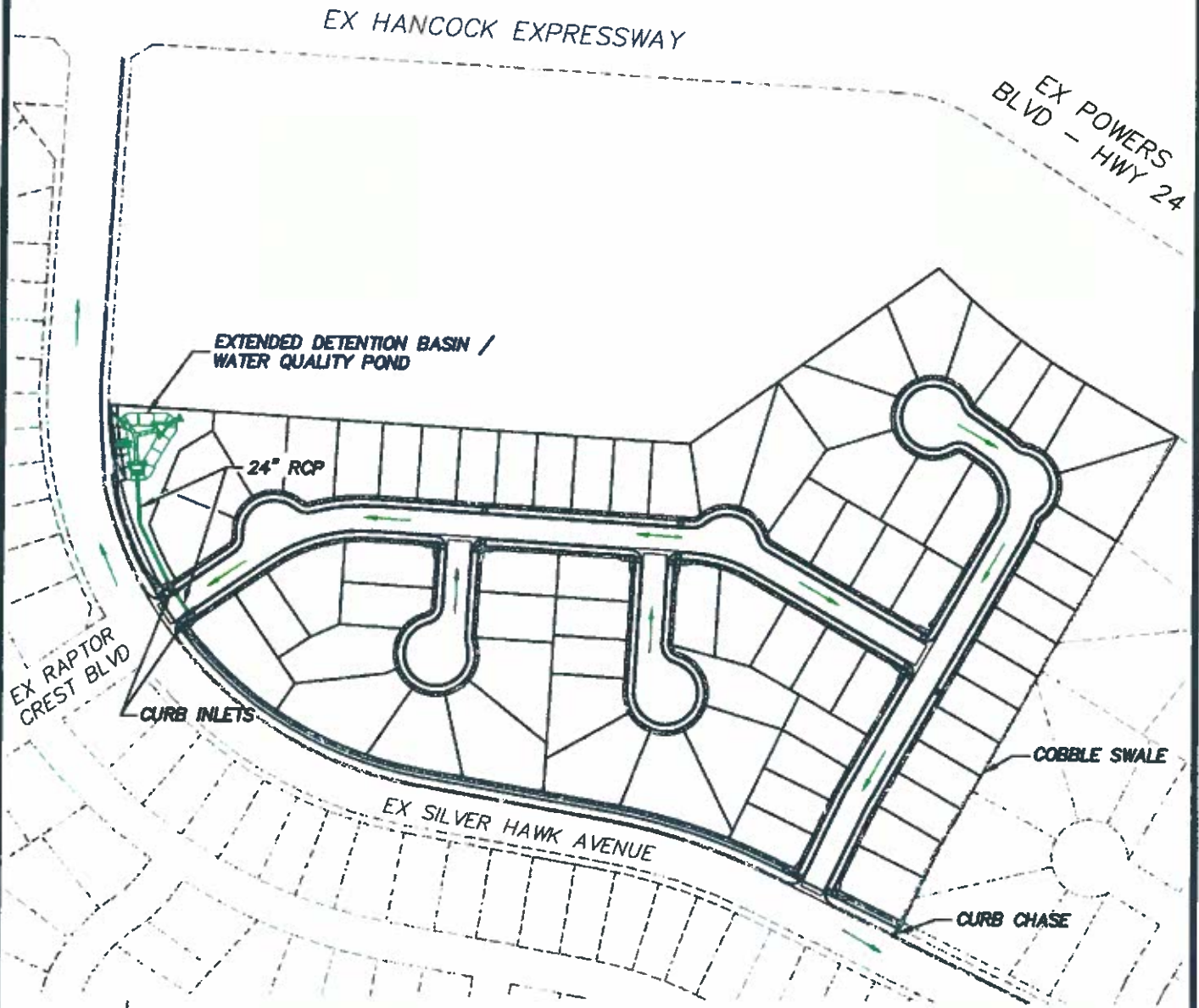
THE SILVER HAWK METROPOLITAN DISTRICT
SEWER SERVICE AREA
JOB NO. 43-091
DATE PREPARED: JUNE 21, 2016



20 BOULDER CREEK DR. 110
COLORADO SPRINGS,
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THE SILVER HAWK METROPOLITAN DISTRICT

STREET/STORM SEWER SERVICE AREA



SCALE: 1" = 200'

THE SILVER HAWK METROPOLITAN DISTRICT
STREET/STORM SEWER SERVICE AREA
JOB NO. 43-091
DATE PREPARED: JUNE 21, 2016



20 BOULDER CREEK DR STE. 110
COLORADO SPRINGS,
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THE SILVER HAWK METROPOLITAN DISTRICT

PARKS/OPEN SPACE/LANDSCAPE AREA



LEGEND

-  STREET LANDSCAPE
-  OPEN SPACE

THE SILVER HAWK METROPOLITAN DISTRICT
PARKS/OPEN SPACE/LANDSCAPE AREA
JOB NO. 43-091
DATE PREPARED: JUNE 21, 2016



SCALE: 1" = 200'



2810 CALDER CREEK DR. STE. 110
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