








FIRST CREEK AT AURORA CROSSROADS SUBDIVISION FILING NO. 1 SITE PLAN

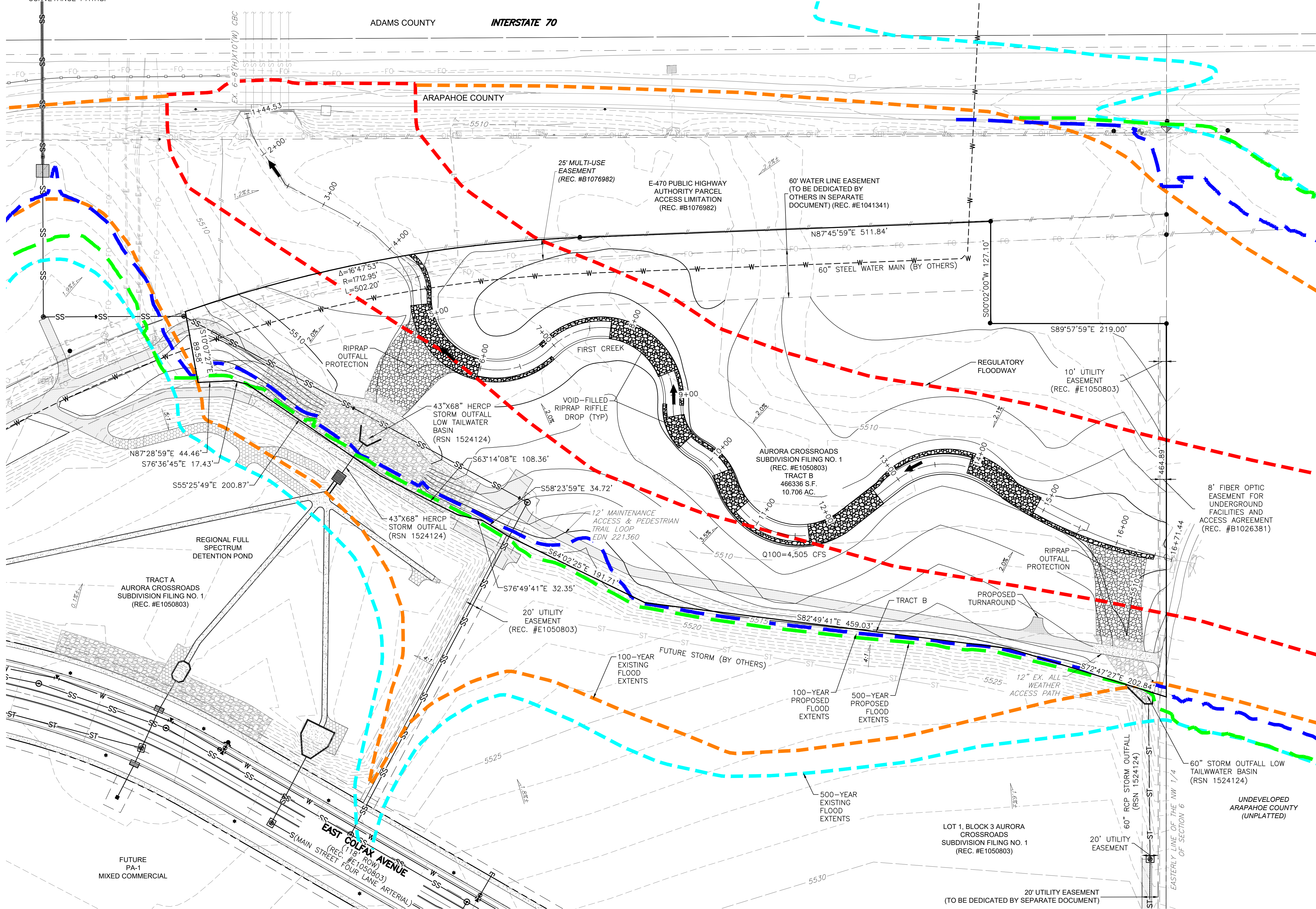
DRAINAGE / STORM SEWER:

1. THE PROPOSED FIRST CREEK IMPROVEMENTS RESULT AND A NO RISE CONDITION AND ARE NOT SUBJECT TO THE FEMA CLOMR PROCESS. A CITY OF AURORA FLOODPLAIN DEVELOPMENT PERMIT WILL BE APPLIED FOR BASED ON DOCUMENTATION OF A NO RISE CONDITION.
2. THE PROPOSED IMPROVEMENT REACH OF FIRST CREEK HAS BEEN DETERMINED TO BE NON-JURISDICTIONAL BY THE USAGE AND IS NOT SUBJECT TO CLEAN WATER ACT COMPLIANCE THROUGH 404 PERMITTING.
3. THE PROPOSED CHANNEL RIFFLE CONCEPT WAS DEVELOPED BY ECOLOGICAL RESOURCE CONSULTANTS, INC. AND REFLECTS A GEOMORPHICALLY INFORMED HIGH FUNCTIONING LOW MAINTENANCE STREAM CORRIDOR DESIGNED TO MIMIC NATURAL CHANNEL PROCESSES.
4. BMPs AND EROSION CONTROL MEASURES SHALL BE INSTALLED TO MINIMIZE EROSION AND REDUCE EROSION CHARACTERISTICS AT CULVERT CROSSING AND WITHIN PROPOSED CHANNEL CONVEYANCE PATHS.

A PARCEL OF LAND LOCATED IN THE WEST HALF OF SECTION 6,
TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, CITY OF AURORA,
COUNTY OF ARAPAHOE, STATE OF COLORADO

LEGEND

-  FEMA EFFECTIVE 100-YR FLOOD EXTENTS
 FIRM 08005C02021, DATED 02/17/17
 FEMA EFFECTIVE 500-YR FLOOD EXTENTS
 FIRM 08005C02021, DATED 02/17/17
 REGULATORY FLOODWAY
 PROPOSED 100-YR FLOOD EXTENTS
 PROPOSED 500-YR FLOOD EXTENTS
 RIPRAP
 CRUSHER FINES

[illegible]


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INFRASTRUCTURE SITE PLAN

FIRST CREEK CHANNEL

AURORA, COLORADO

Design Project No.
19.1522 C05

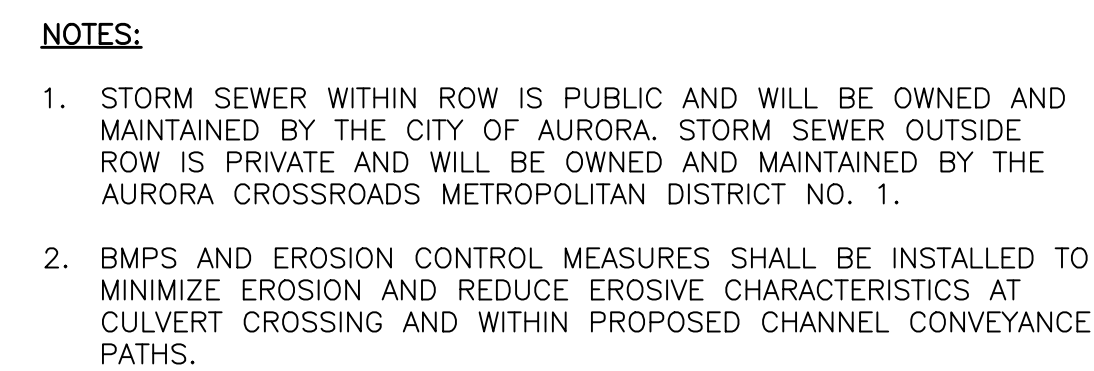
Drawing Title

OVERALL SITE
PLAN - FIRST
CREEK CHANNEL

Drawing No.

A PARCEL OF LAND LOCATED IN THE WEST HALF OF SECTION 6,
TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, CITY OF AURORA,
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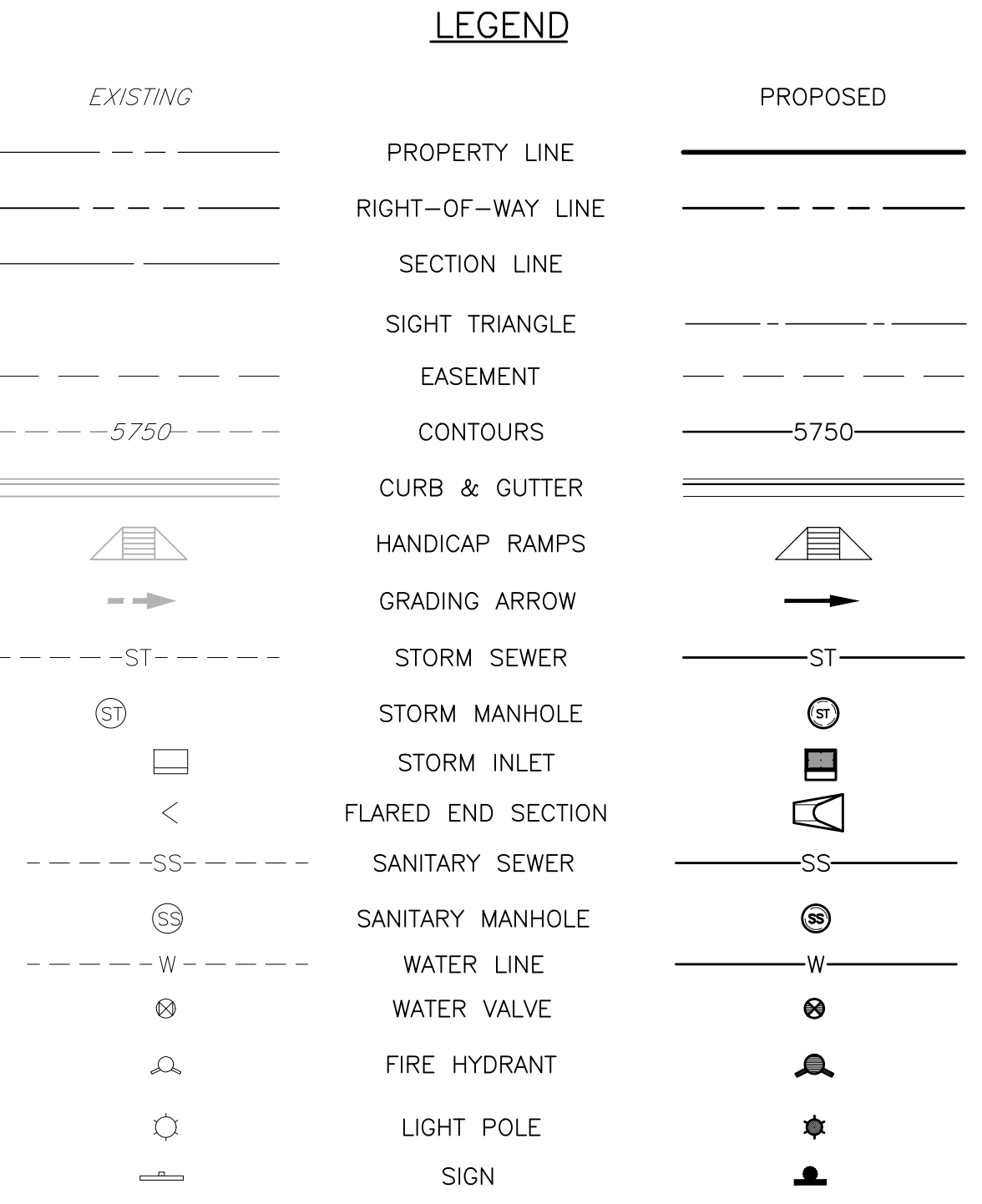
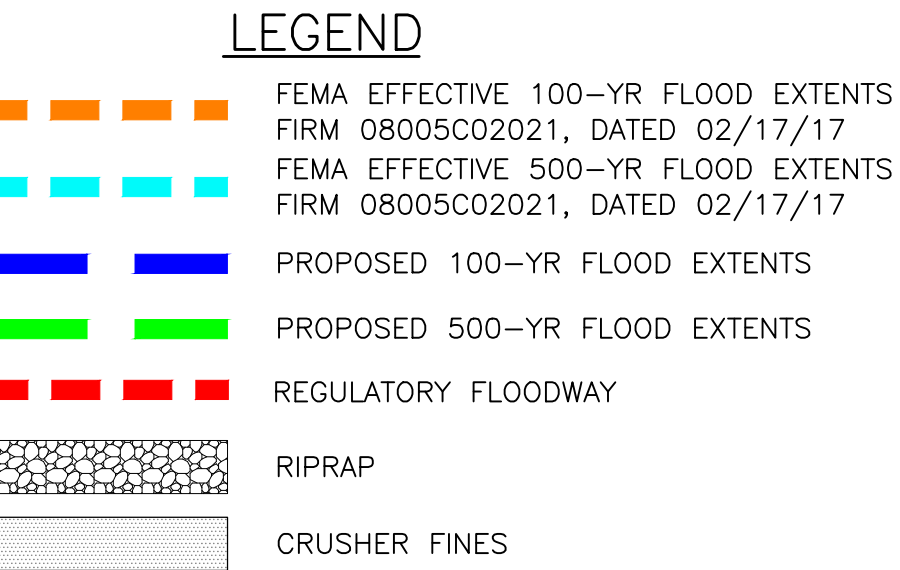
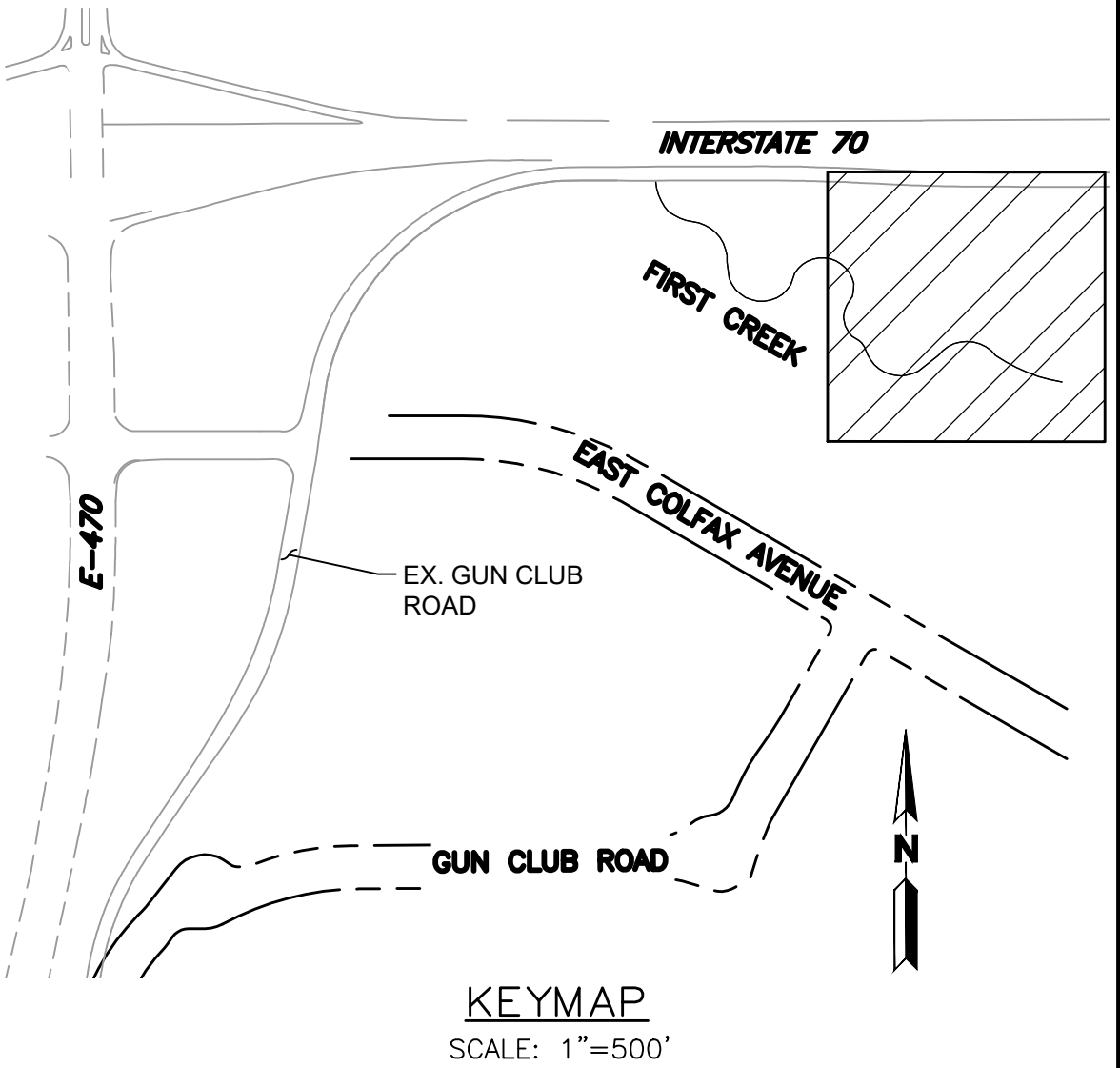
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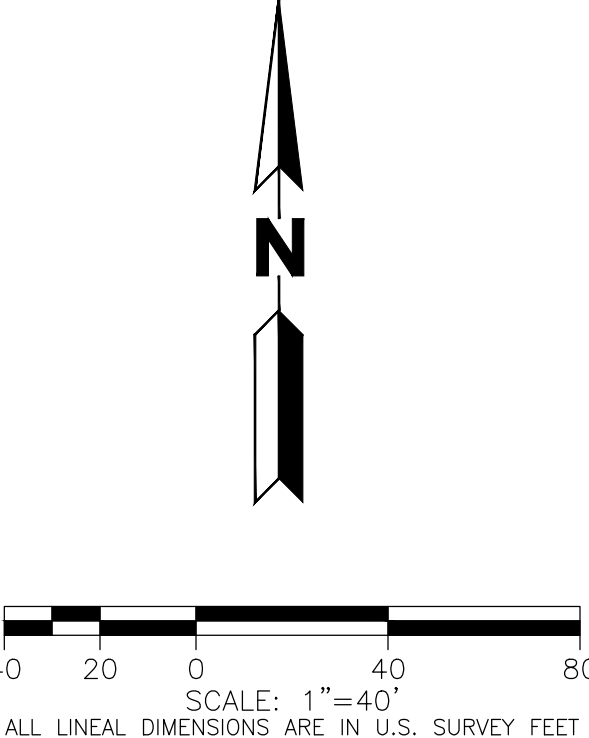
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[illegible]

NOTES:

1. STORM SEWER WITHIN ROW IS PUBLIC AND WILL BE OWNED AND MAINTAINED BY THE CITY OF AURORA. STORM SEWER OUTSIDE ROW IS PRIVATE AND WILL BE OWNED AND MAINTAINED BY THE AURORA CROSSROADS METROPOLITAN DISTRICT NO. 1.
2. BMPs AND EROSION CONTROL MEASURES SHALL BE INSTALLED TO MINIMIZE EROSION AND REDUCE EROSION CHARACTERISTICS AT CULVERT CROSSING AND WITHIN PROPOSED CHANNEL CONVEYANCE PATHS.



SEE SHEET 3 FOR CONTINUATION

FIRST CREEK CHANNEL AURORA, COLORADO

Design Project No.
19.1522 C05

Drawing Title
**SITE PLAN -
FIRST CREEK
CHANNEL
(8+00-16+57.83)**

4

FIRST CREEK AT AURORA CROSSROADS SUBDIVISION FILING NO. 1 SITE PLAN

A PARCEL OF LAND LOCATED IN THE WEST HALF OF SECTION 6,
TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, CITY OF AURORA,
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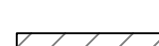
PLANT SCHEDULE

DECIDUOUS TREES		BOTANICAL NAME	COMMON NAME	ROOT	SIZE	QTY
CA SP		CATALPA SPECIOSA	NORTHERN CATALPA	B & B	2" CAL	3
CE OC		CELTIS OCCIDENTALIS	COMMON HACKBERRY	B & B	2" CAL	5
GL SH		GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER' TM	SHADEMASTER LOCUST	B & B	2" CAL	4
PO DE		POPULUS DELTOIDES	EASTERN COTTONWOOD	B & B	2" CAL	10
UL PR		ULMUS AMERICANA 'PRINCETON'	AMERICAN ELM	B & B	2" CAL	3
EVERGREEN TREES		BOTANICAL NAME	COMMON NAME	ROOT	SIZE	QTY
JU SC		JUNIPERUS SCOPULORUM	ROCKY MOUNTAIN JUNIPER	B & B	6' HEIGHT	2
PI ED		PINUS EDULIS	PINON PINE	B & B	6' HEIGHT	1
PI PO		PINUS PONDEROSA	PONDEROSA PINE	B & B	6' HEIGHT	3
ORNAMENTAL TREES		BOTANICAL NAME	COMMON NAME	ROOT	SIZE	QTY
AL TE		ALNUS INCANA TENUIFOLIA	THINLEAF ALDER	B & B	6' CLUMP	9
RH TY		RHUS TYPHINA	STAGHORN SUMAC	B & B	6' CLUMP	6
SA AM		SALIX AMYGDALOIDES	PEACH LEAF WILLOW	B & B	6' CLUMP	6
SA EX		SALIX EXIGUA	COYOTE WILLOW	B & B	6' CLUMP	7
DECIDUOUS SHRUBS		BOTANICAL NAME	COMMON NAME	ROOT	SIZE	QTY
AM CA		AMORPHA CANESCENS	LEADPLANT	CONT	5 GAL	7
AR FL		ARTEMISIA FILIFOLIA	SAND SAGEBRUSH	CONT	5 GAL	7
AR FR		ARTEMISIA FRIGIDA	FRINGED WORMWOOD	CONT	1 GAL	6
AR TR		ARTEMISIA TRIDENTATA	BIG SAGEBRUSH	CONT	5 GAL	7
CH NA		CHRYSOETHAMINUS NAUSEOSUS	RUDDER RABBITBRUSH	CONT	5 GAL	7
CH AL		CHRYSOETHAMINUS NAUSEOSUS ALBICAULIS	TALL BLUE RABBITBRUSH	CONT	5 GAL	7
FA PA		FALLUGIA PARADOXA	APACHE PLUME	CONT	5 GAL	11
KR CL		KRASCHENINNIKOVIA CERATOIDES LANATA	WINTERFAT	CONT	5 GAL	7
PR BE		PRUNUS BESSEYI	WESTERN SAND CHERRY	CONT	5 GAL	7
PR CH		PRUNUS VIRGINIANA	CHOKECHERRY	CONT	5 GAL	13
RH TR		RHUS TRILOBATA	SKUNKBUSH SUMAC	CONT	5 GAL	10
RI AU		RIBES AUREUM	GOLDEN CURRANT	CONT	5 GAL	7
EVERGREEN SHRUBS		BOTANICAL NAME	COMMON NAME	ROOT	SIZE	QTY
AT CA		ATRIPLEX CANESCENS	FOURWING SALTBUUSH	CONT	5 GAL	5
PI DW		PINUS EDULIS	DWARF PINON PINE	CONT	5 GAL	4
YU GL		YUCCA GLAUCA	SOAPWEED	CONT	5 GAL	3

SEED MIX LIST

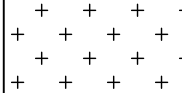
UPLAND NATIVE SEED MIX - TEMPORARILY IRRIGATED

DRYLAND SEED MIX OR APPROVED EQUAL. CONTRACTOR TO SUBMIT CUTSHEETS FOR APPROVAL

COMMON NAME		BOTANICAL NAME	% OF TOTAL	PLS PER ACRE
	SIDE OATS GRAMA	BOULELOUA CURTIPENDULA	12.9%	4.00 LBS
	BUFFALOGRASS	BOULELOUA DACTYLOIDES	19.4%	6.00 LBS
	BLUE GRAMA	CHONDROSUM GRACILE	12.9%	4.00 LBS
	JUNEGRASS	KOELERIA CRISTATA	3.2%	1.00 LBS
	WESTERN WHEATGRASS	PASCOPYRUM SMITHII	22.6%	7.00 LBS
	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	6.5%	2.00 LBS
	SAND DROPSEED	SPOROBOLUS CRYPTANDRUS	3.2%	1.00 LBS
	GREEN NEEDLEGRASS	STIPA VIRIDULA (AKA NASELLA)	16.1%	5.00 LBS
	ARKANSAS VALLEY PERENNIAL WILDFLOWER MIX		3.2%	1.00 LBS
				100%

WETLAND / RIPARIAN SEED MIX - NON-IRRIGATED

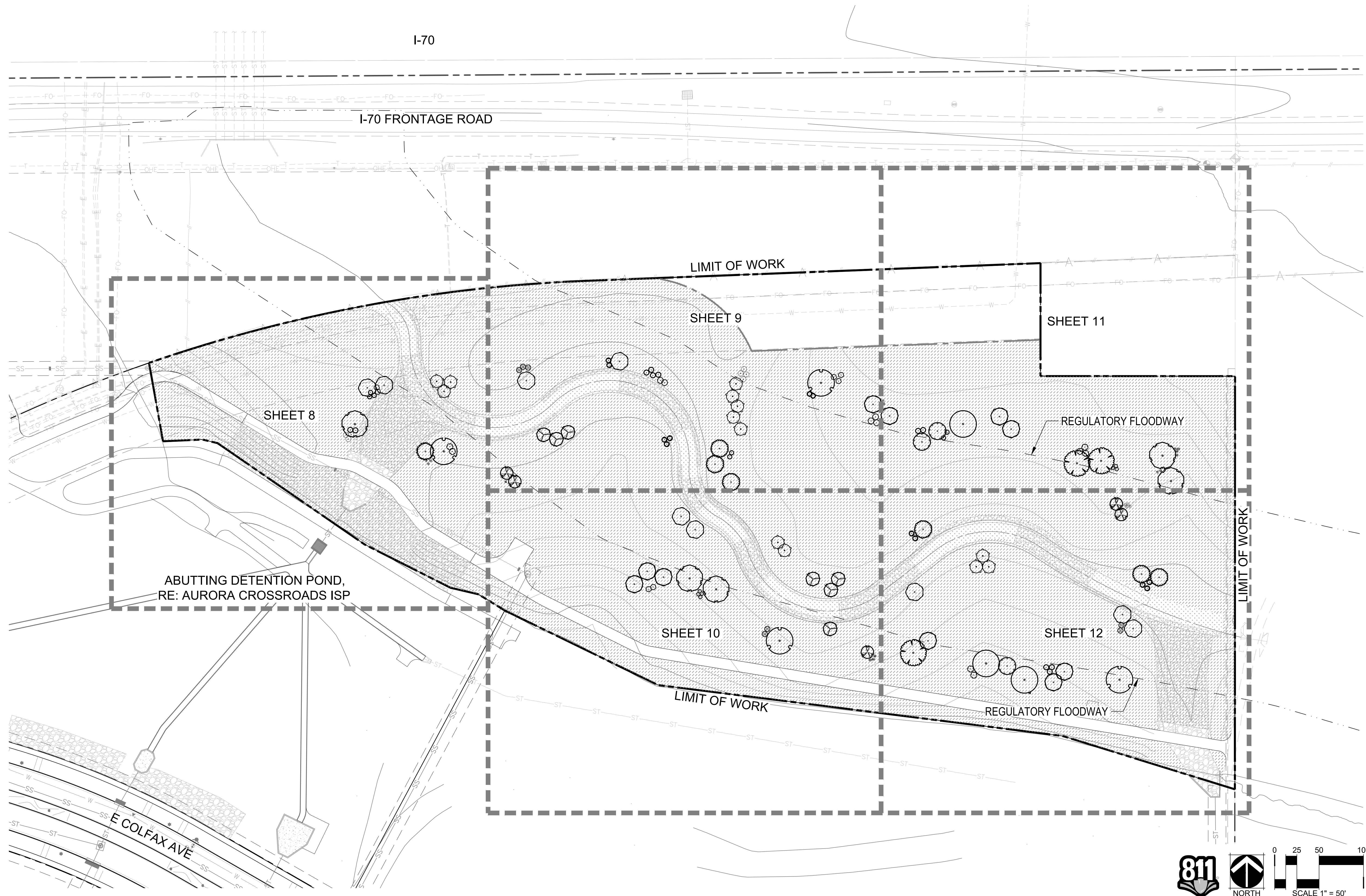
DRYLAND SEED MIX OR APPROVED EQUAL. CONTRACTOR TO SUBMIT CUTSHEETS FOR APPROVAL

	COMMON NAME	BOTANICAL NAME	% OF TOTAL	PLS PER ACRE
	WOOLY SEDGE	CAREX PELLITA	0.8%	0.25 LBS
	NEBRASKA SEDGE	CAREX NEBRASCENSIS	0.8%	0.25 LBS
	INLAND SALT GRASS	DISTICHIS SPICATA	0.8%	0.25 LBS
	CREeping SPIKERUSH	ELEOCHARIS PALUSTRIS	0.8%	0.25 LBS
	WESTERN WHEATGRASS	PASCOPIRYUM SMITHII	39.2%	11.75 LBS
	SWITCHGRASS	PANICUM VIRGATUM	7.5%	2.25 LBS
	GREEN NEEDLEGRASS	NASELLA VIRIDULA	24.9%	7.45 LBS
	PRAIRIE CORDGRASS	SPARTINA PECTINATA	5.8%	1.75 LBS
	YARROW	ACHILLEA MILLEFOLIUM	0.4%	0.10 LBS
	NUT TALL'S SUNFLOWER	HELIANTHUS NUTTALLII	8.3%	2.50 LBS
	MOUNTAIN RUSH	JUNCUS ARTICUSS SSP. LITTORALIS	0.4%	0.10 LBS
	ALKALI SACATON	SPOROBOLIS AIROIDES	0.8%	0.25 LBS
	WILD BERGAMOT	MONARDA FISTULOSA	0.4%	0.10 LBS
	SWAMP VERBENA	VERBENA HASTATA	2.5%	0.75 LBS
ARKANSAS VALLEY PERENNIAL WILDFLOWER MIX			3.3%	1.00 LBS
ARKANSAS VALLEY WESTERN WILDFLOWER MIX			3.3%	1.00 LBS
NOTE: ALL WETLAND SEED AREAS WILL BE OVERSEEDED WITH THE UPLAND NATIVE SEED MIX FOR A BLENDED MIX FOR ESTABLISHMENT.			100%	30.00 LBS. DRILLED

[illegible]

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FIRST CREEK CHANNEL
AURORA, COLORADO

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19.1522 C05

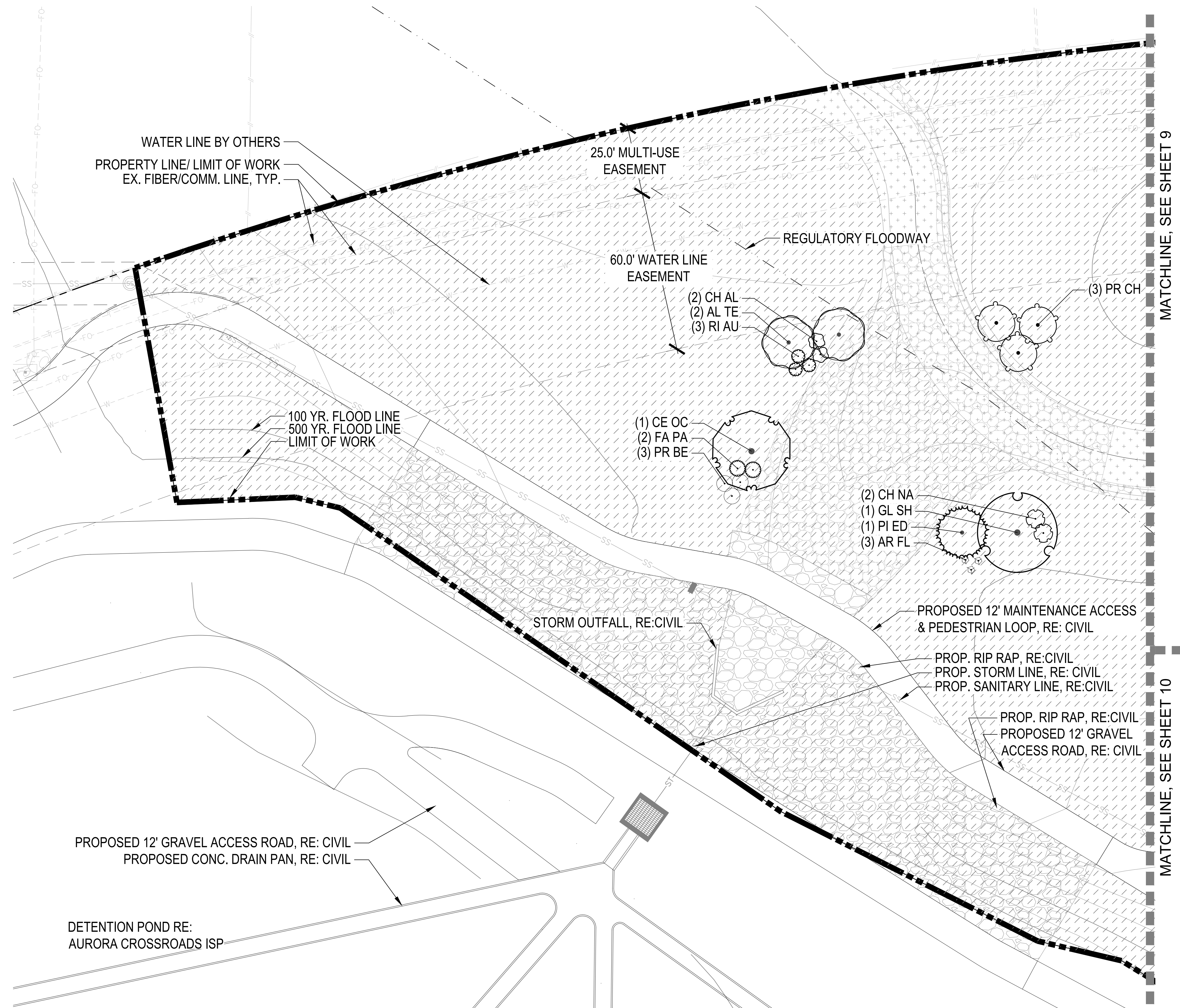
OVERALL
LANDSCAPE
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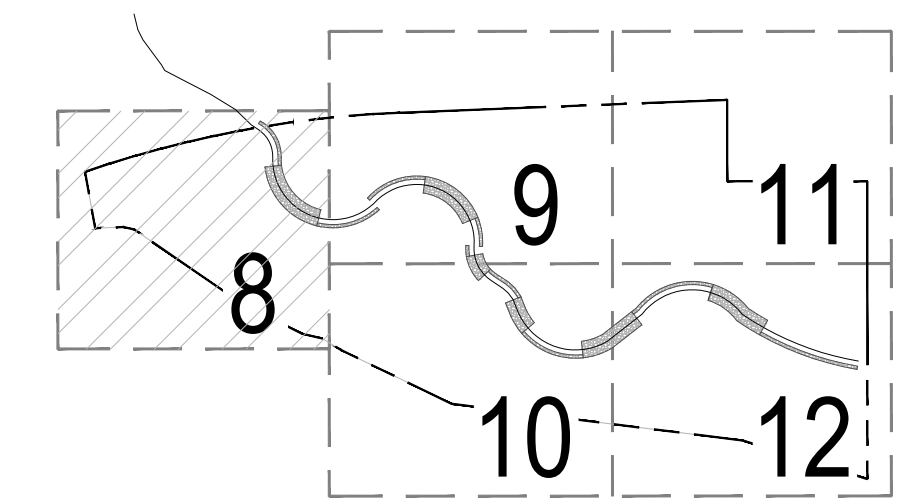
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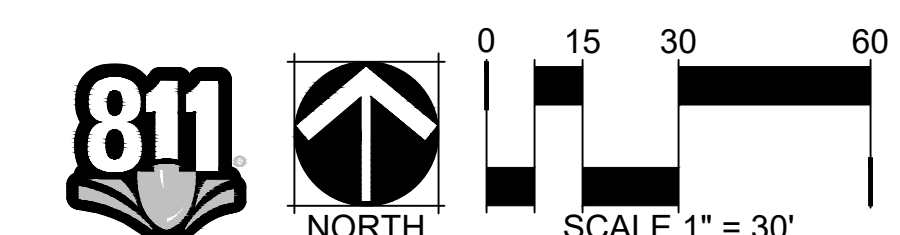
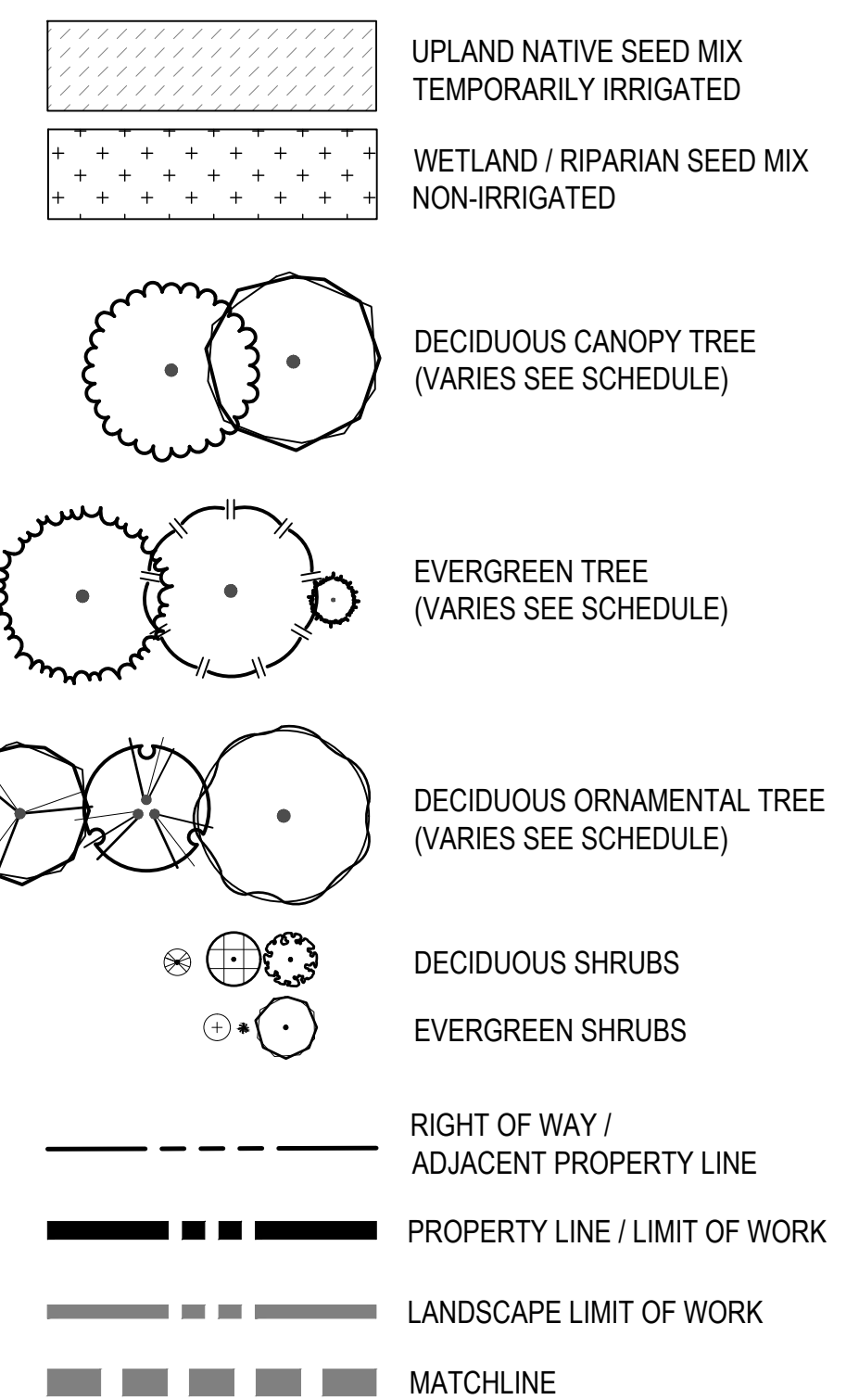
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KEY MAP



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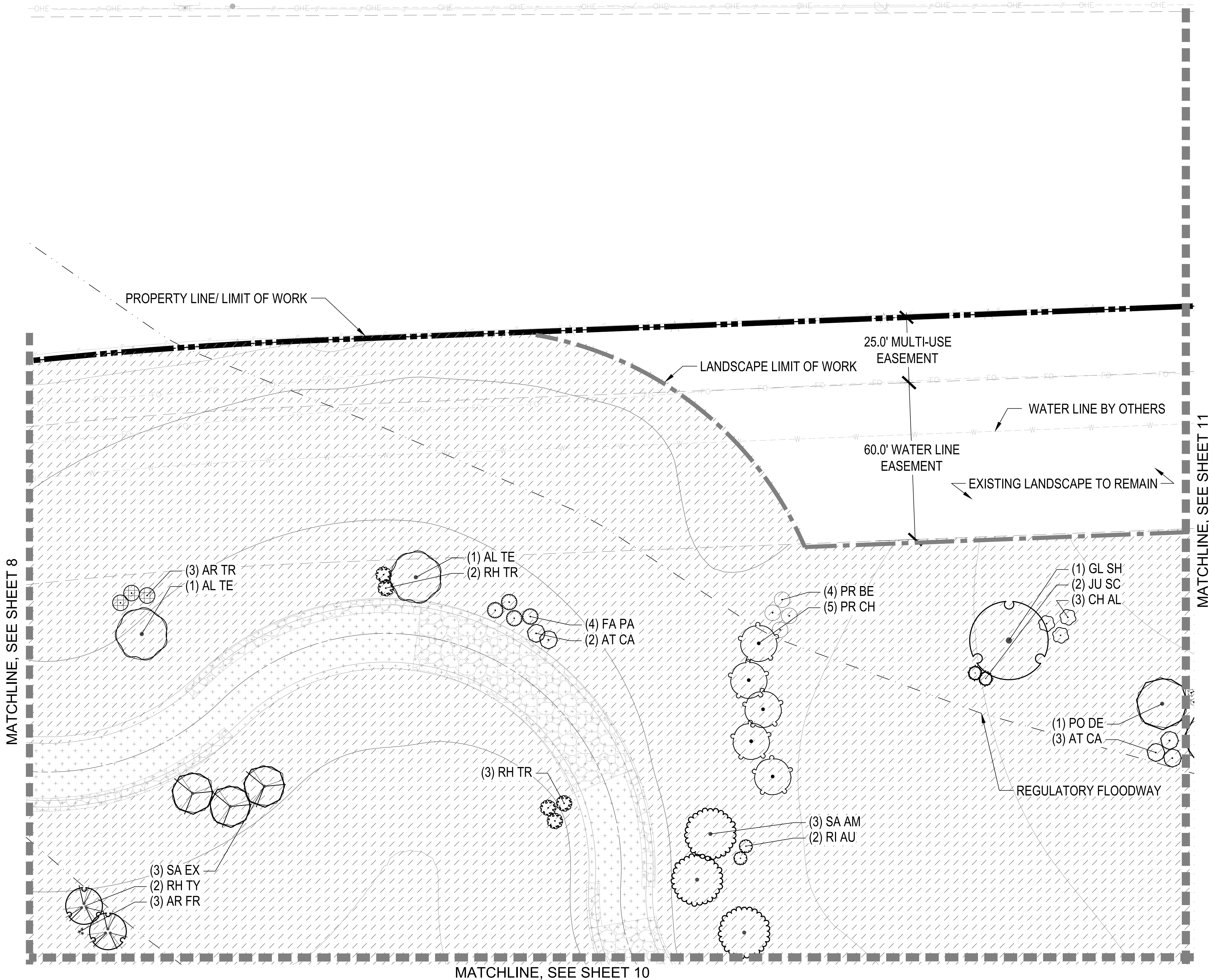
LANDSCAPE
PLAN

Drawing No.

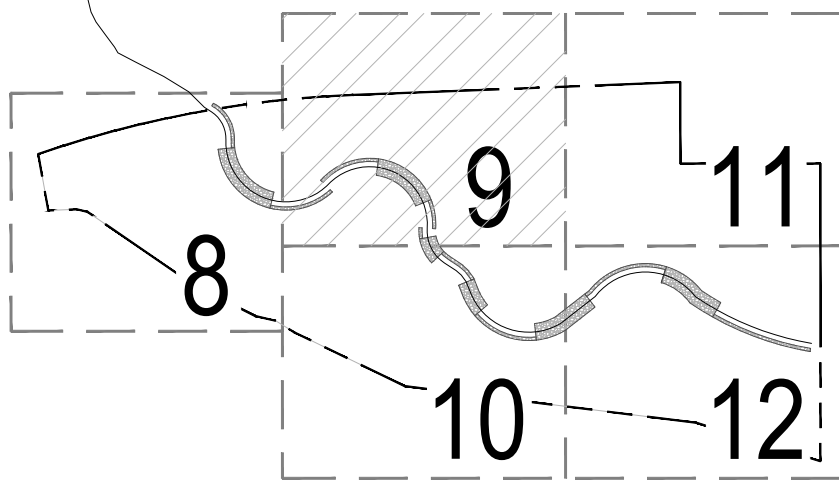
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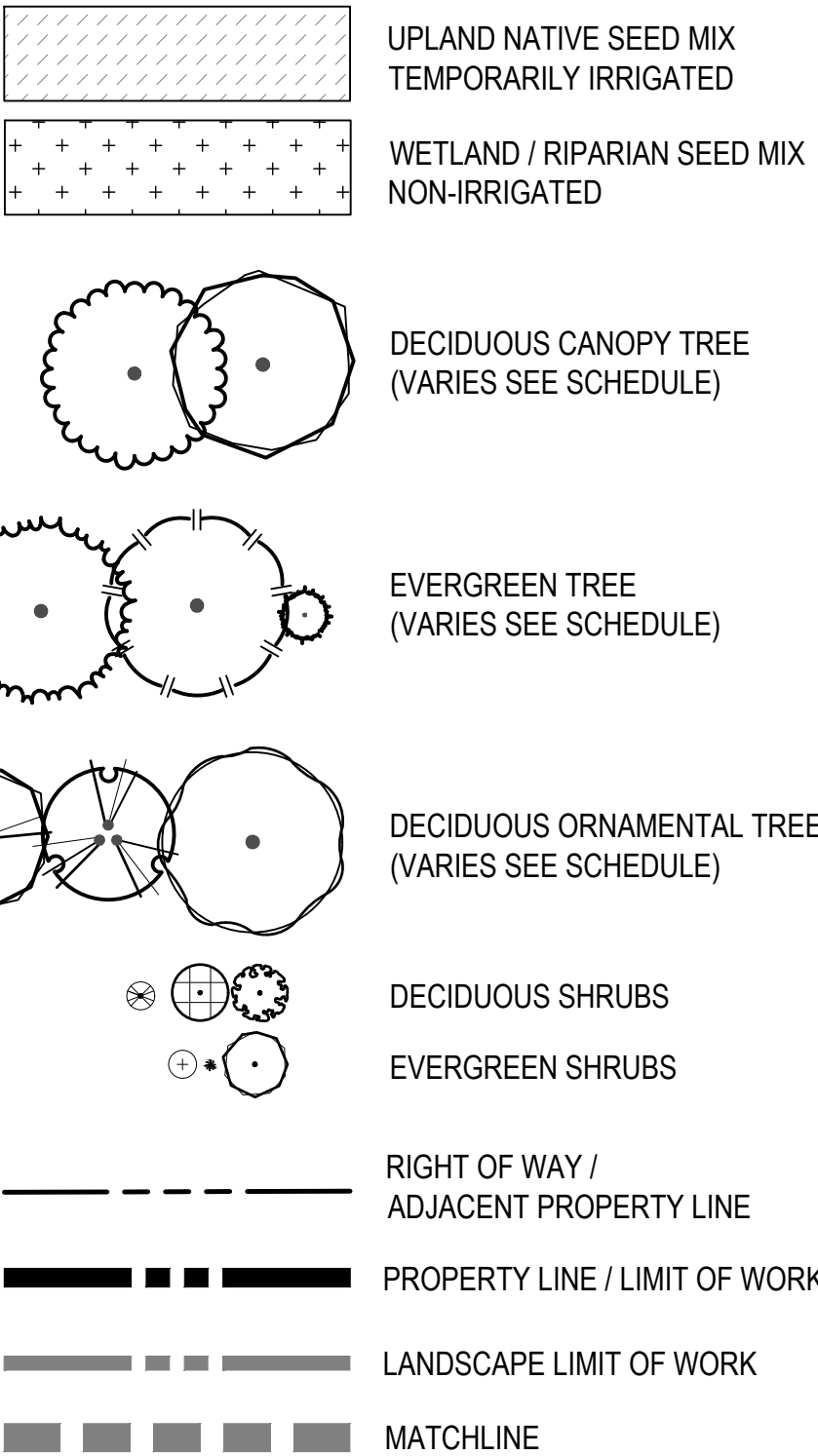
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KEY MAP



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AURORA, COLORADO

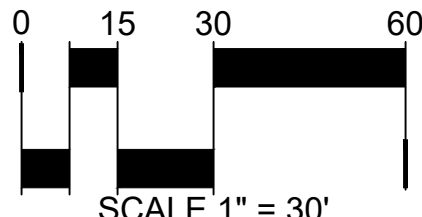
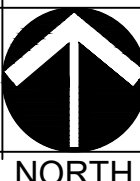
sign Project No.
19.1522 C05

Following Title

LANDSCAPE
PLAN

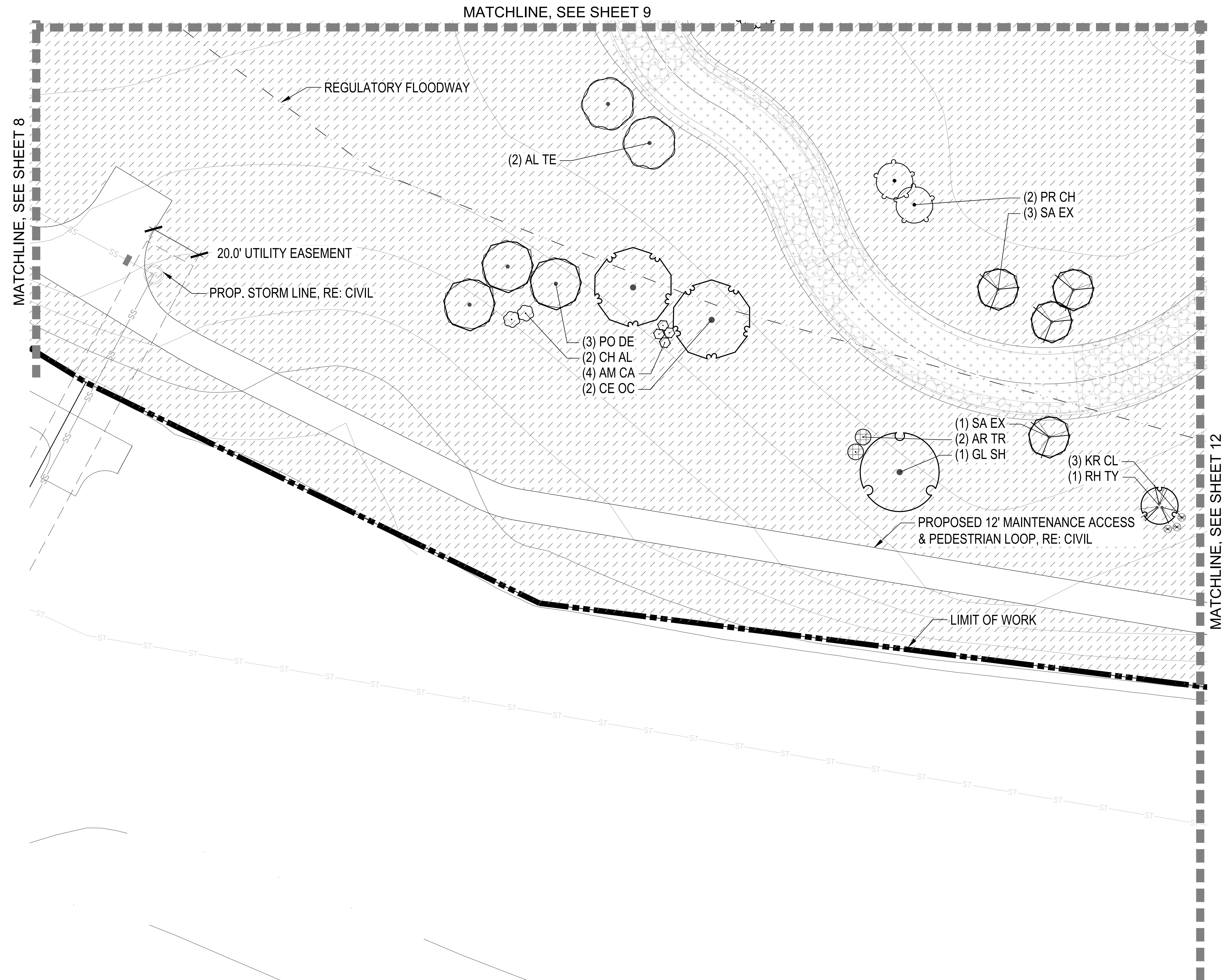
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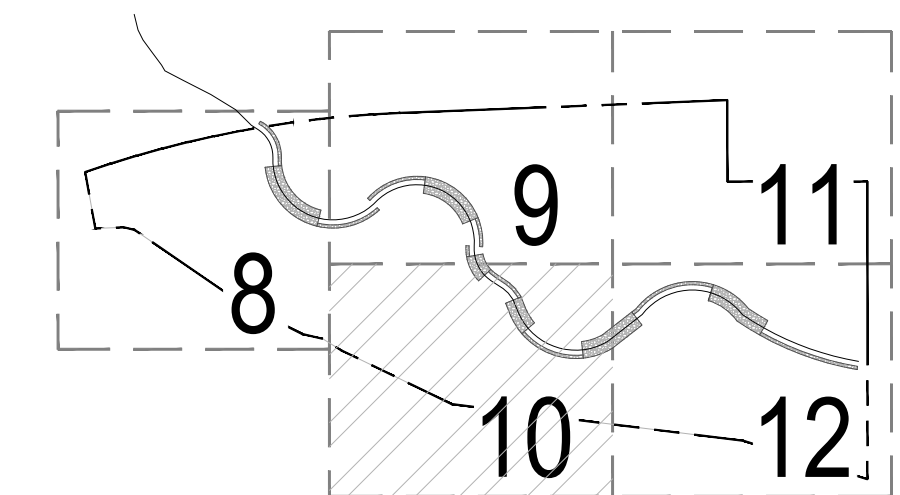


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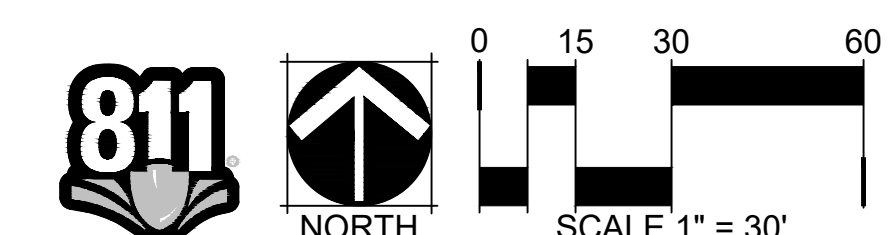
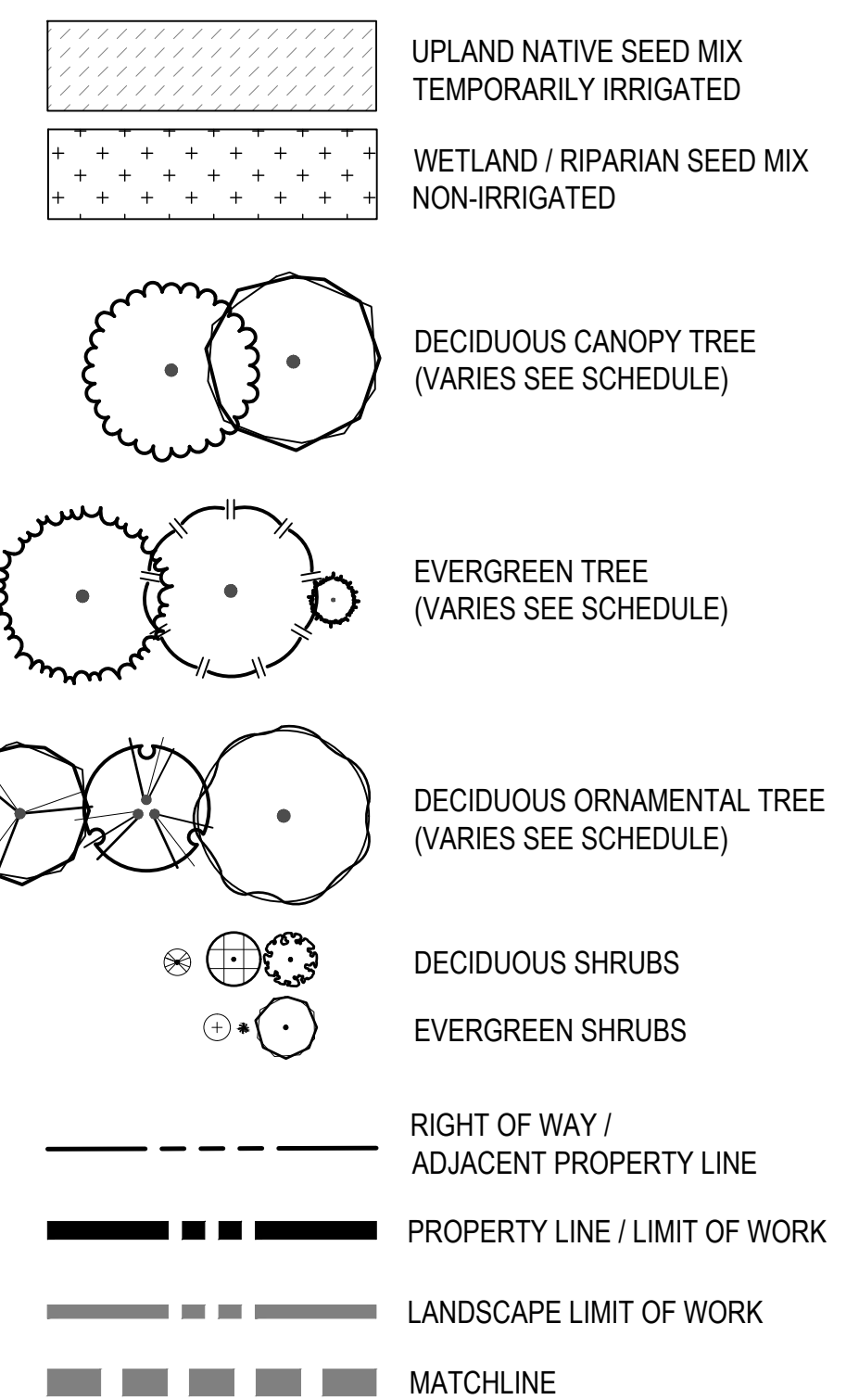
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KEY MAP



LEGEND

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FIRST CREEK CHANNEL
AURORA, COLORADO

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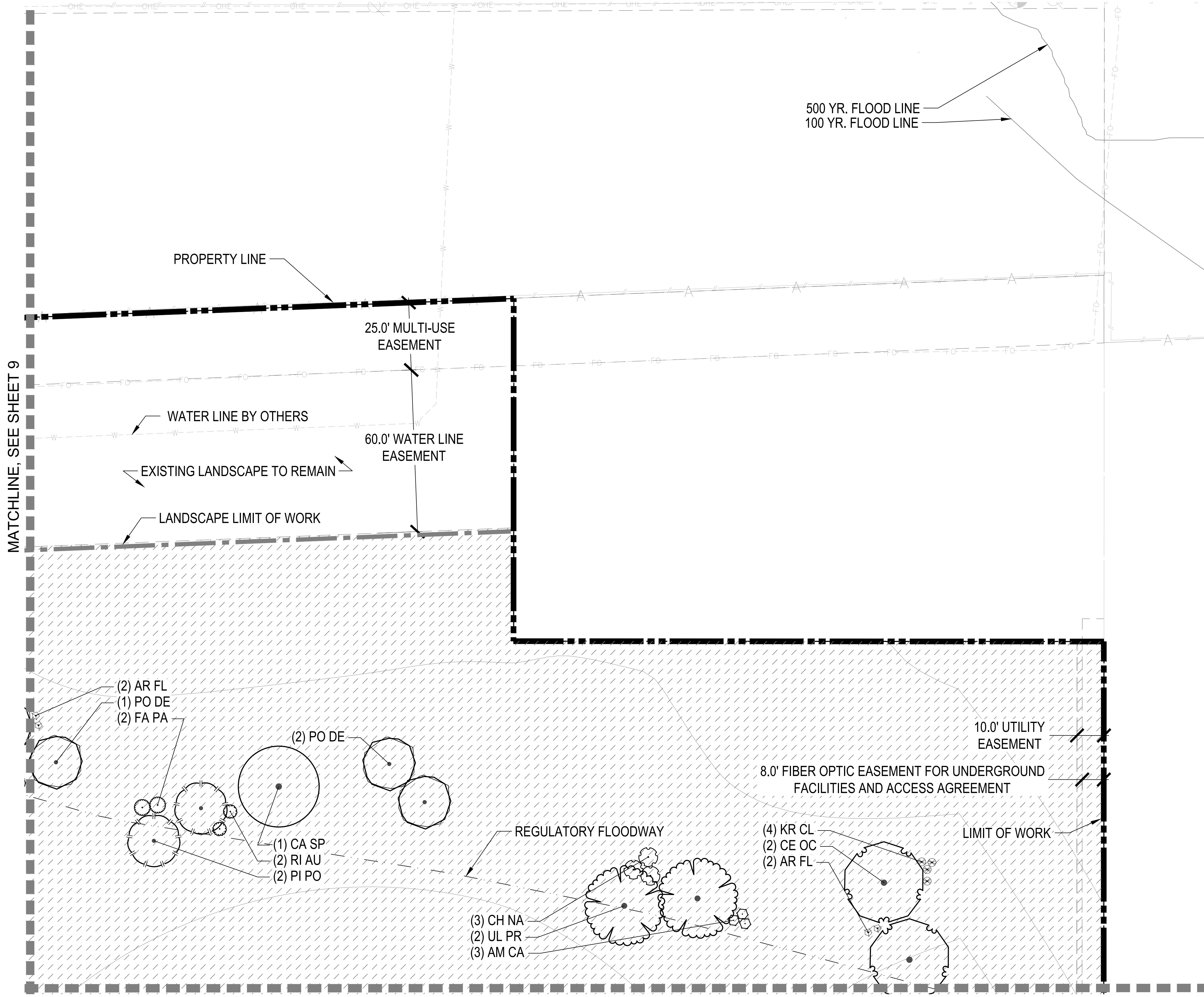
LANDSCAPE
PLAN

Drawing No.

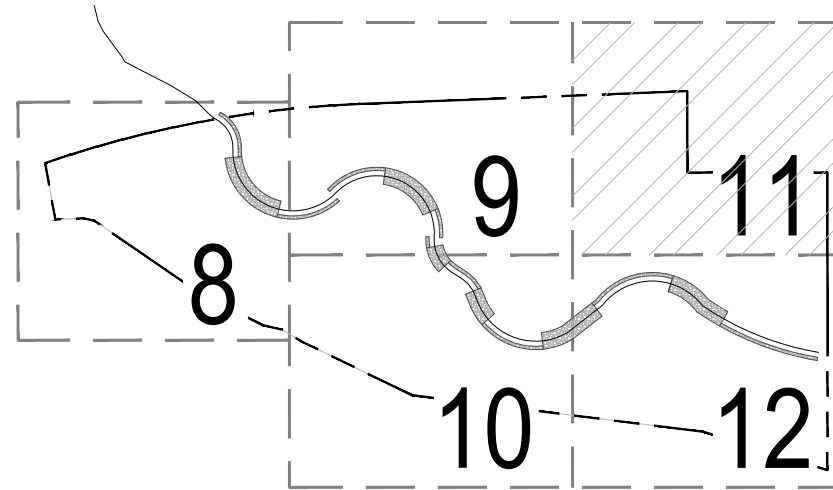
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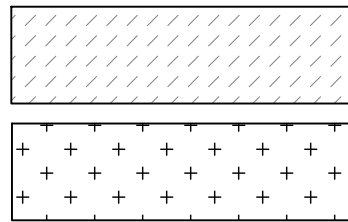
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KEY MAP

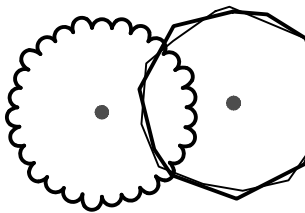
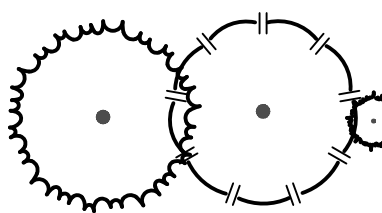


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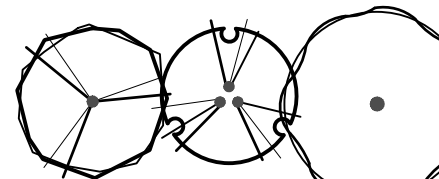
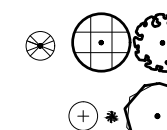


UPLAND NATIVE SEED MIX
TEMPORARILY IRRIGATED

WETLAND / RIPARIAN SEED MIX
NON-IRRIGATED

DECIDUOUS CANOPY TREE
(VARIES SEE SCHEDULE)

EVERGREEN TREE
(VARIES SEE SCHEDULE)

DECIDUOUS ORNAMENTAL TRE
(VARIES SEE SCHEDULE)

DECIDUOUS SHRUB:



EVERGREEN SHRUB

RIGHT OF WAY /
ADJACENT PROPERTY LINE

PROPERTY LINE / LIMIT OF WORK

LANDSCAPE LIMIT OF WORK

MATCHLIN



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INFRASTRUCTURE SITE PLAN

Design Project No. 19.1533 CO

Drawing Tit

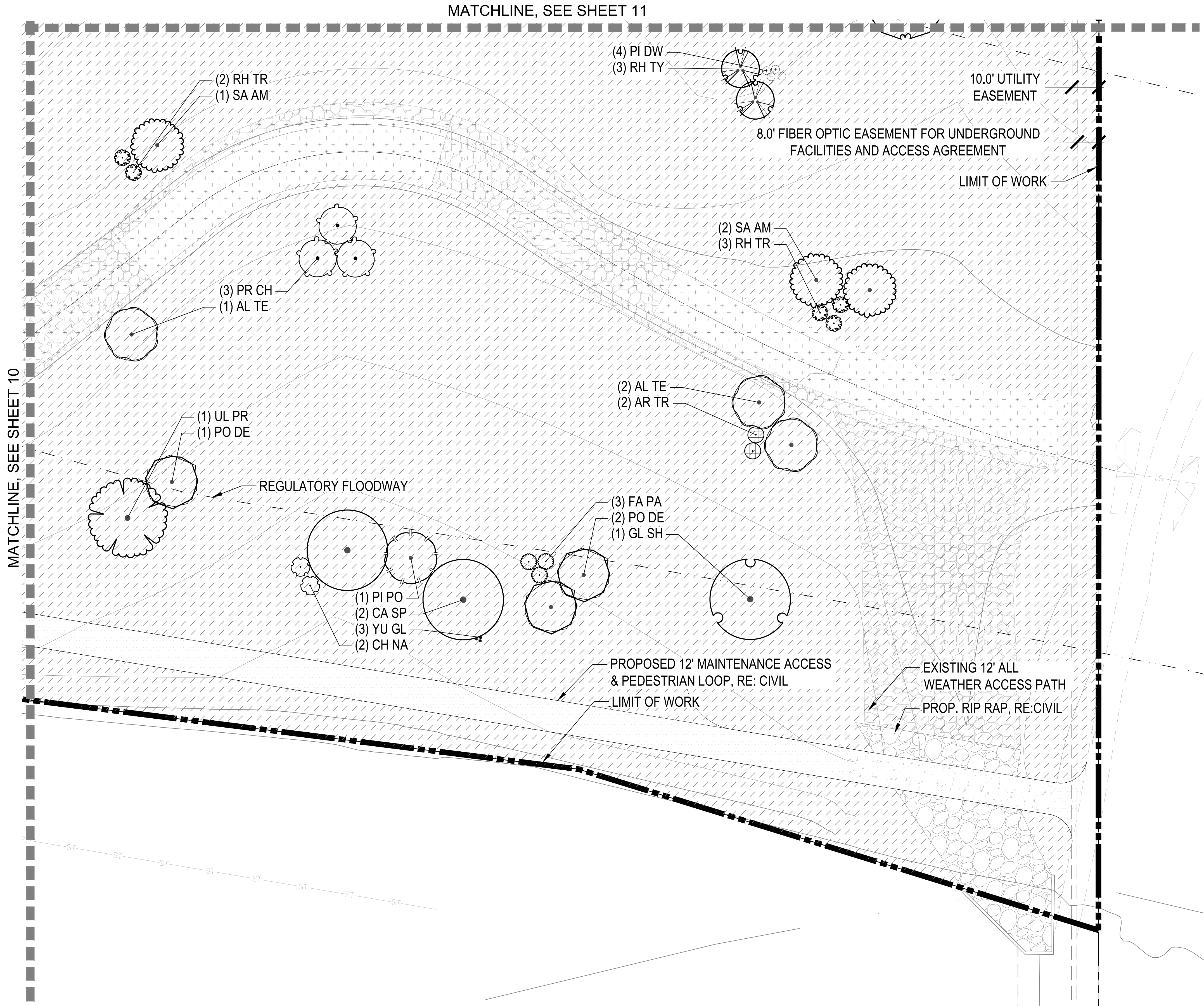
LANDSCAP PLAN

Drawing No.

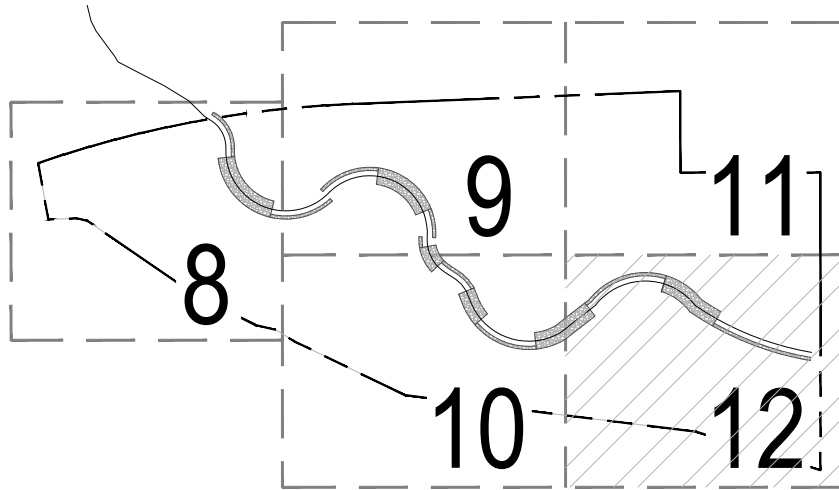
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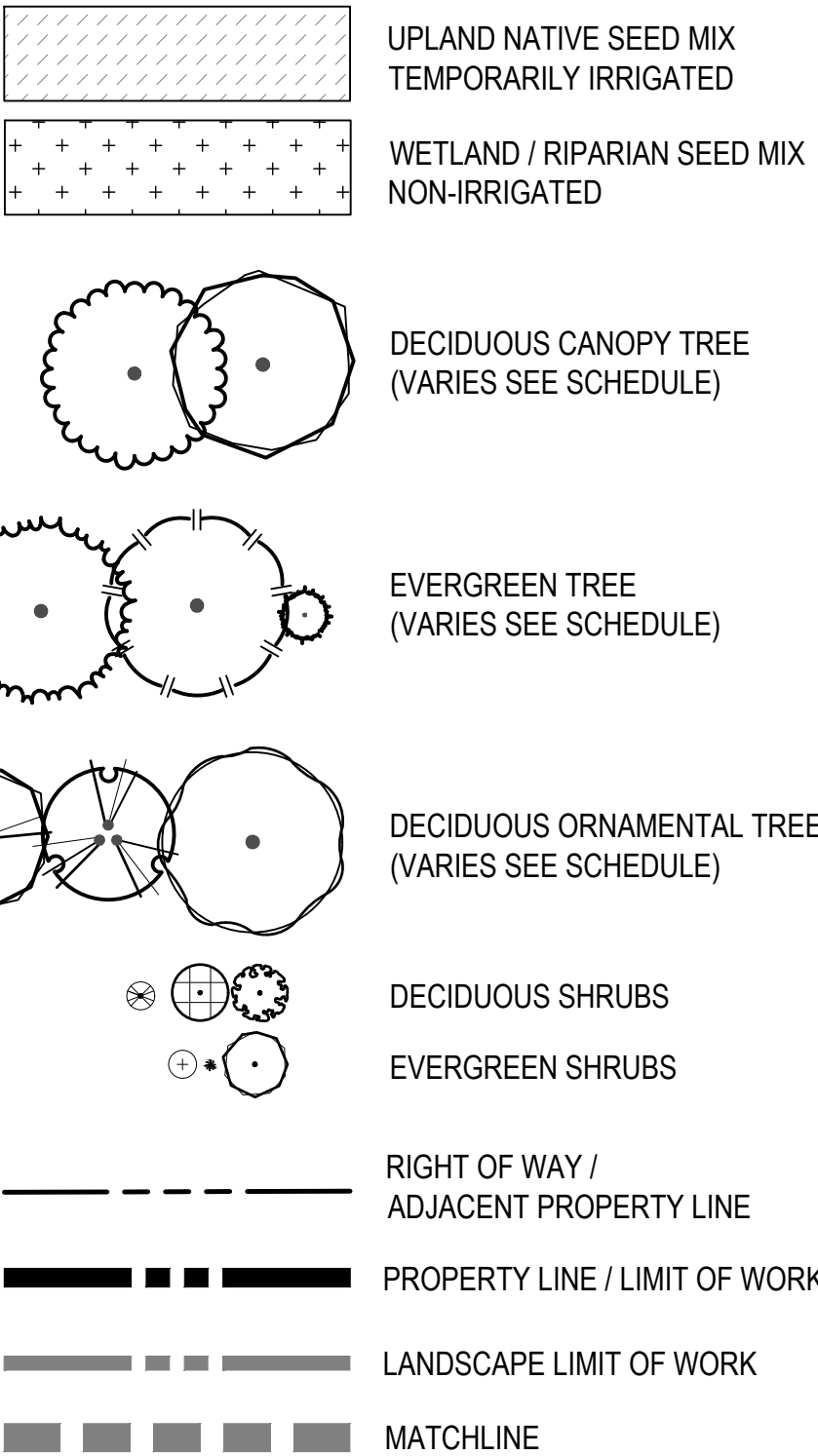
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KEY MAP



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INFRASTRUCTURE SITE PLAN

FIRST CREEK CHANNEL
AURORA, COLORADO

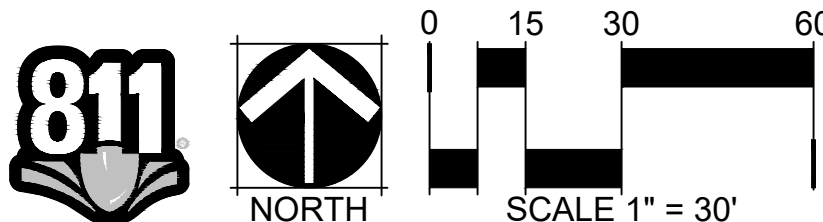
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Drawing Title

LANDSCAPE
PLAN

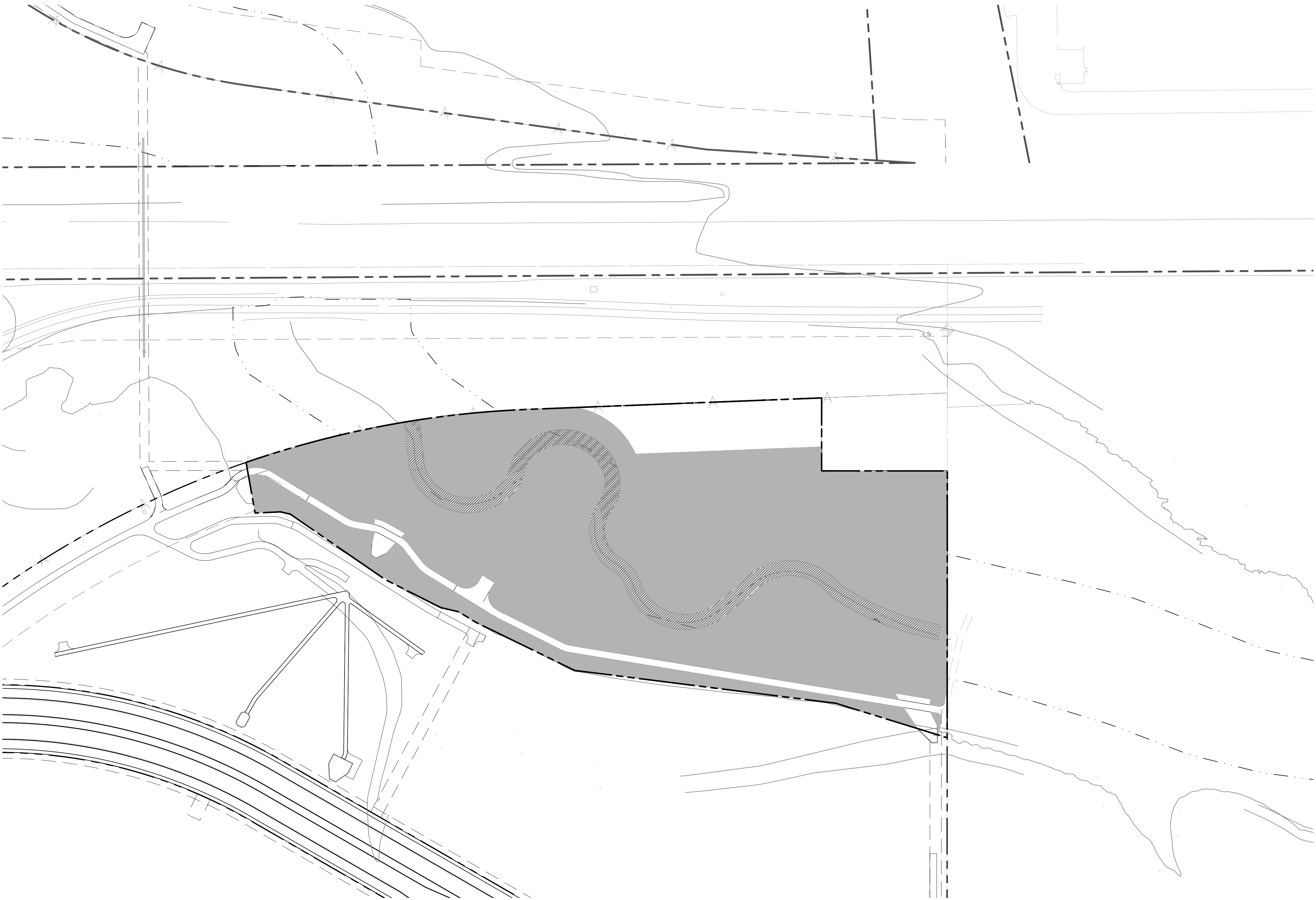
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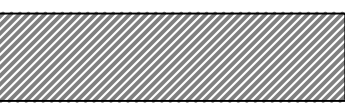


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LEGEND

	Z-ZONE - TEMPORARY IRRIGATED NATIVE SEED PER GESG
	LOW WATER USE - NATIVE SEED

HYDRO-ZONE TABLE

WATER USE TYPE	AREA (SF)	PERCENTAGE (%)
TEMPORARY IRRIGATED NATIVE SEED	382,901 SF	92.7 %
NON-IRRIGATED STREAM CHANNEL BASIN	30,325 SF	7.3 %
TOTAL:	413,226 SF	100 %
TOTAL IRRIGATED AREA TAP #TBD	382,901 SF	

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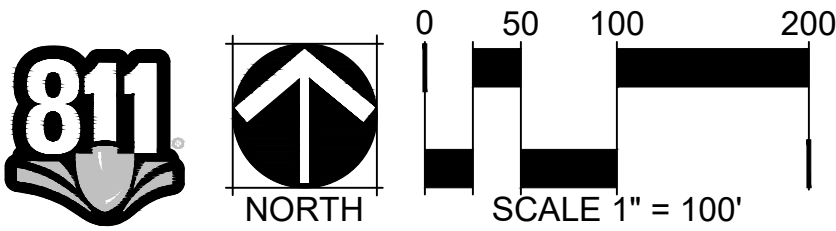

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Drawing Title
**HYDROZONE
MAP**

Drawing No.
13



A PARCEL OF LAND LOCATED IN THE WEST HALF OF SECTION 6,
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14