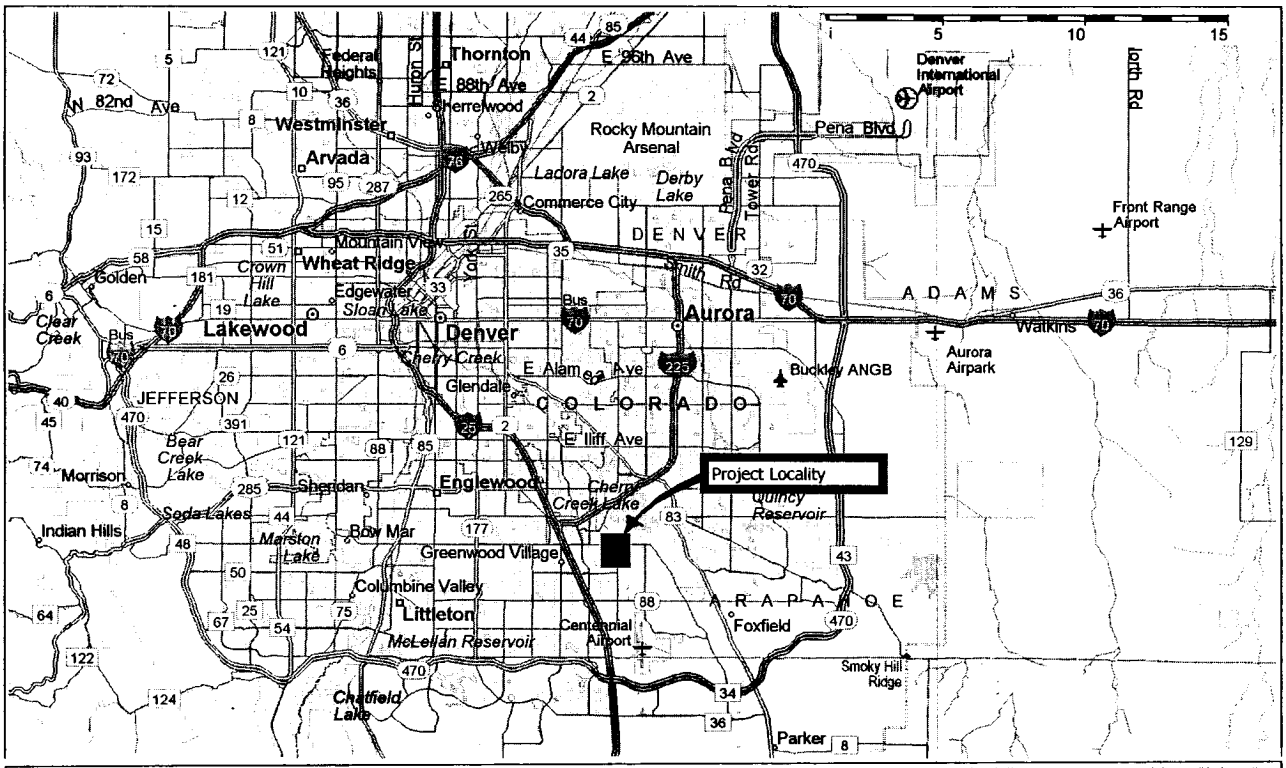

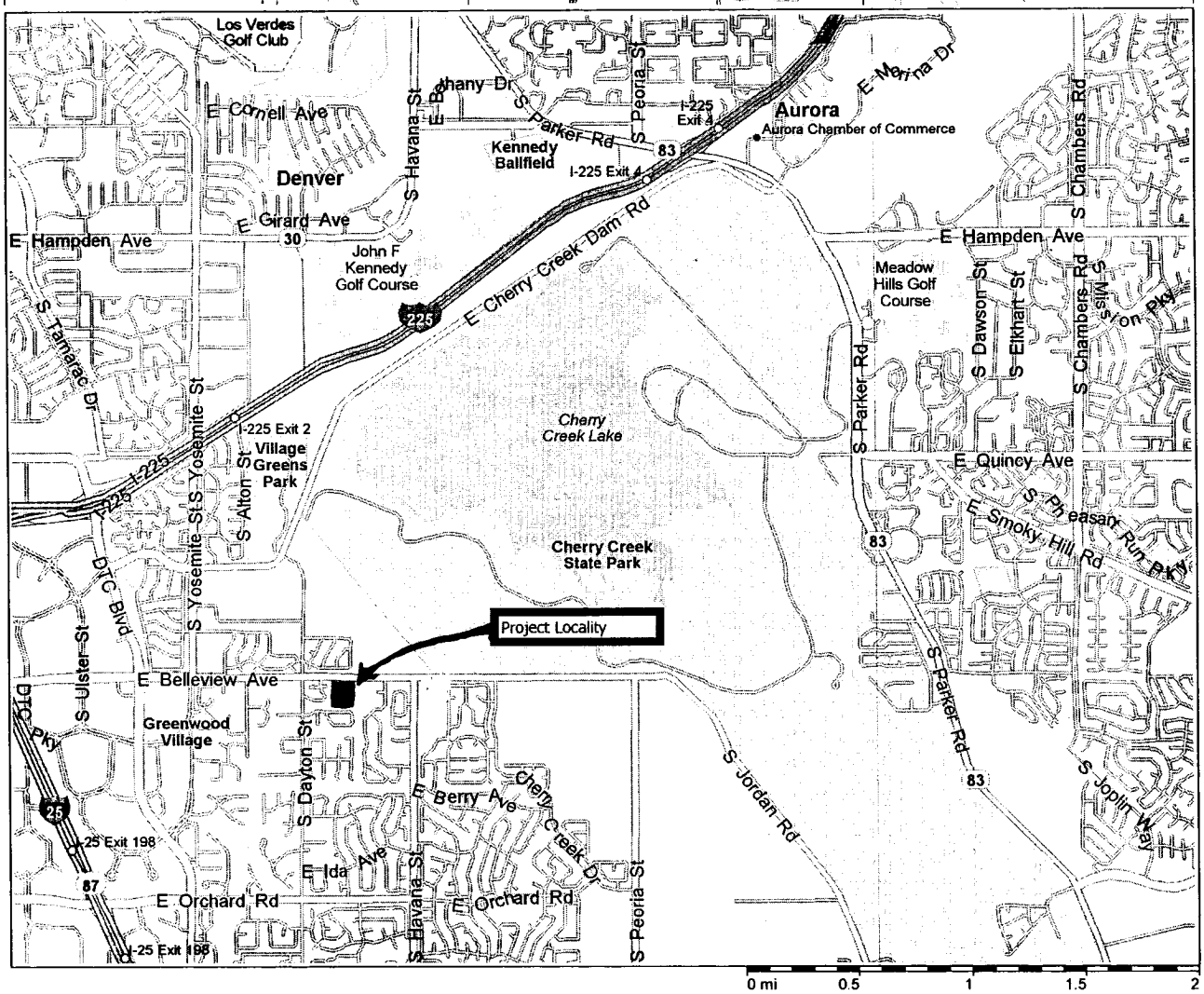

VICINITY MAP

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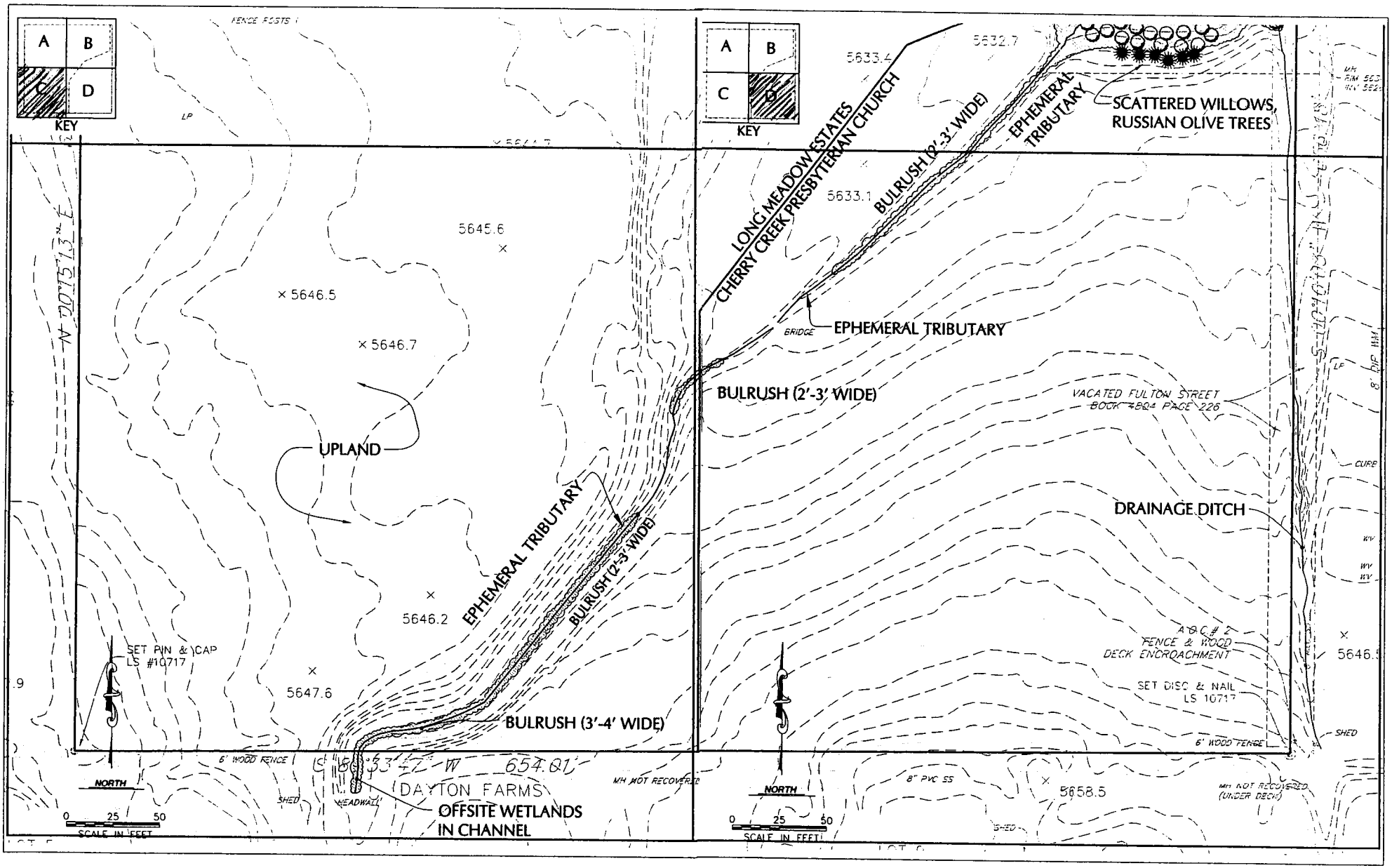

EXISTING CONDITIONS – PRIOR TO GRADING

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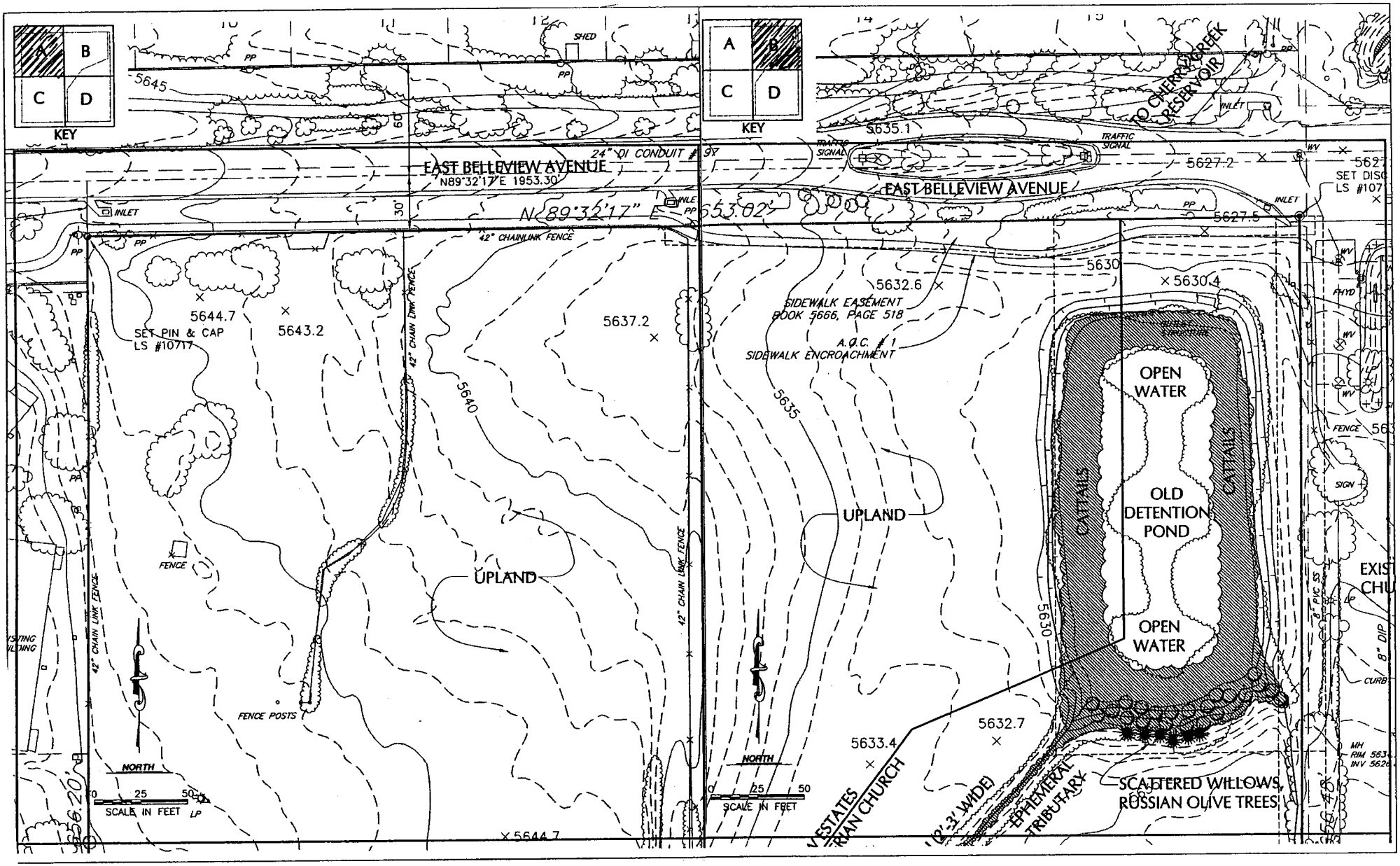

EXISTING CONDITIONS - PRIOR TO GRADING

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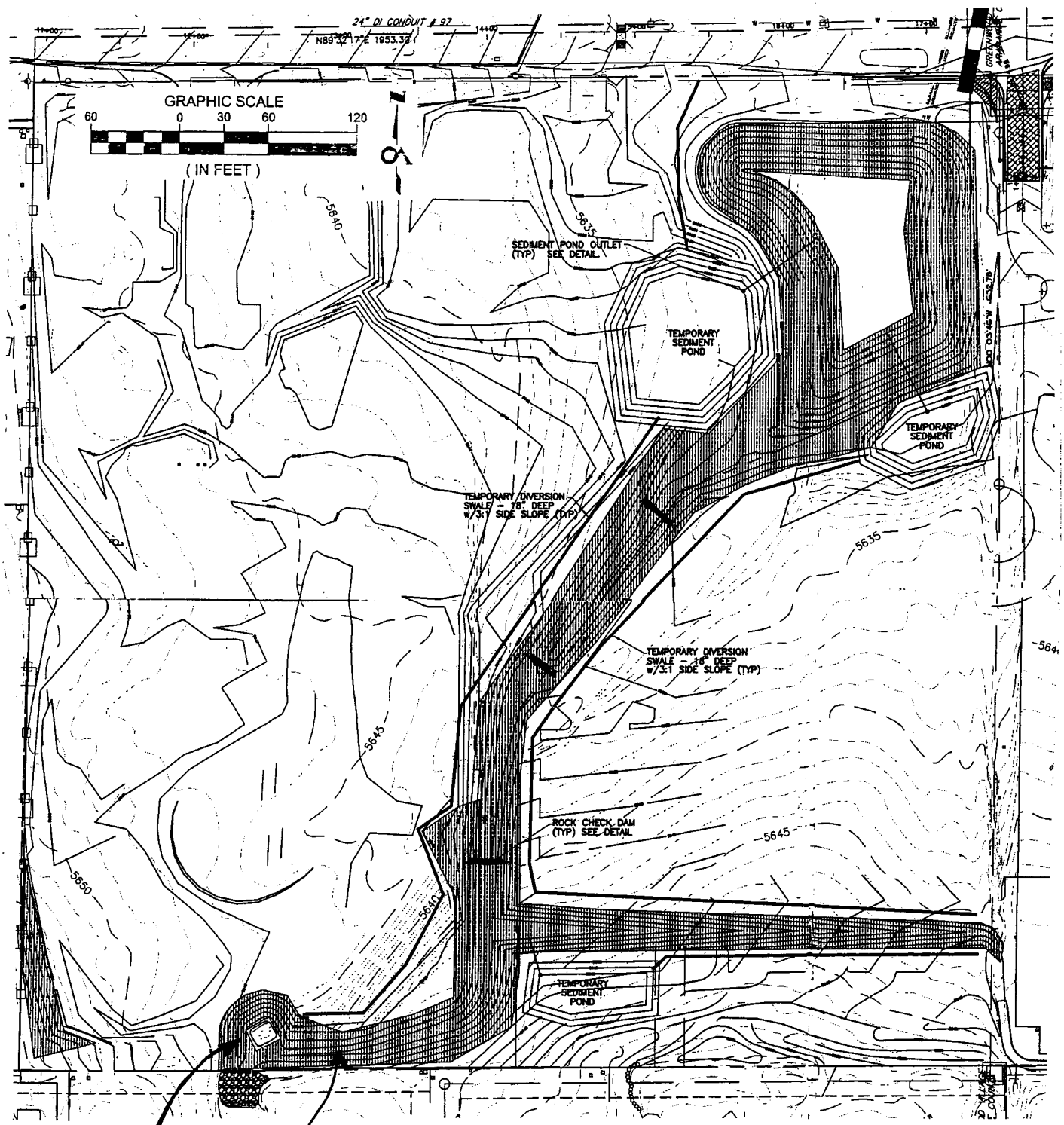

INITIAL CORRECTIVE MEASURES

EROSION CONTROL BLANKET

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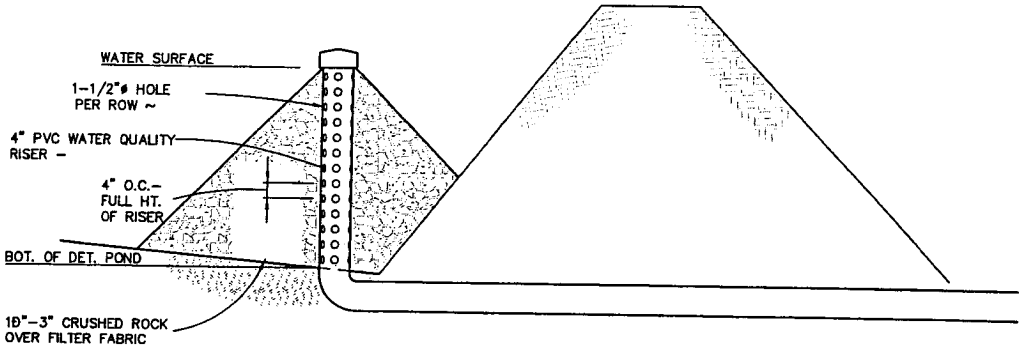


SEDIMENT BASIN OUTLET DETAIL
FOR ALL 3 TEMPORARY SEDIMENT PONDS

CD

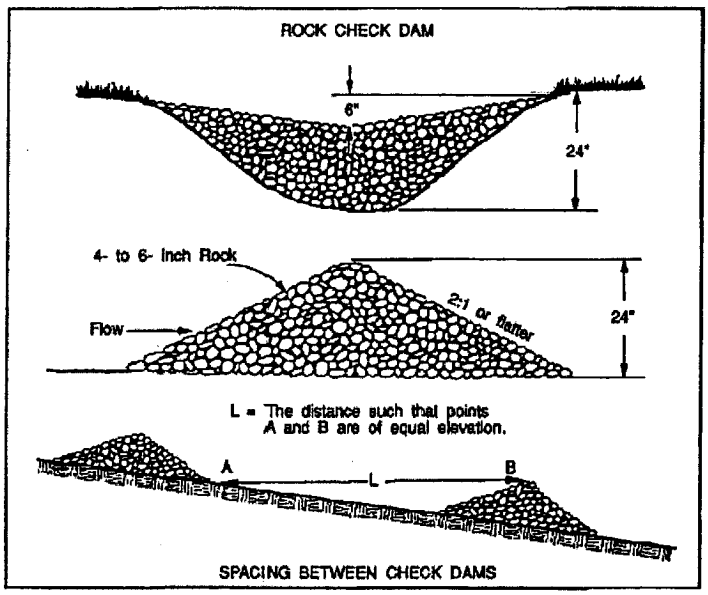
CHECK DAM

Definition

Small temporary dam constructed across a swale or drainage ditch.

Purposes

To reduce the velocity of stormwater flows and erosion of the swale or ditch.



From: Virginia Soil and Water Conservation Commission, 1985

DETAILS – INITIAL CORRECTIVE MEASURES

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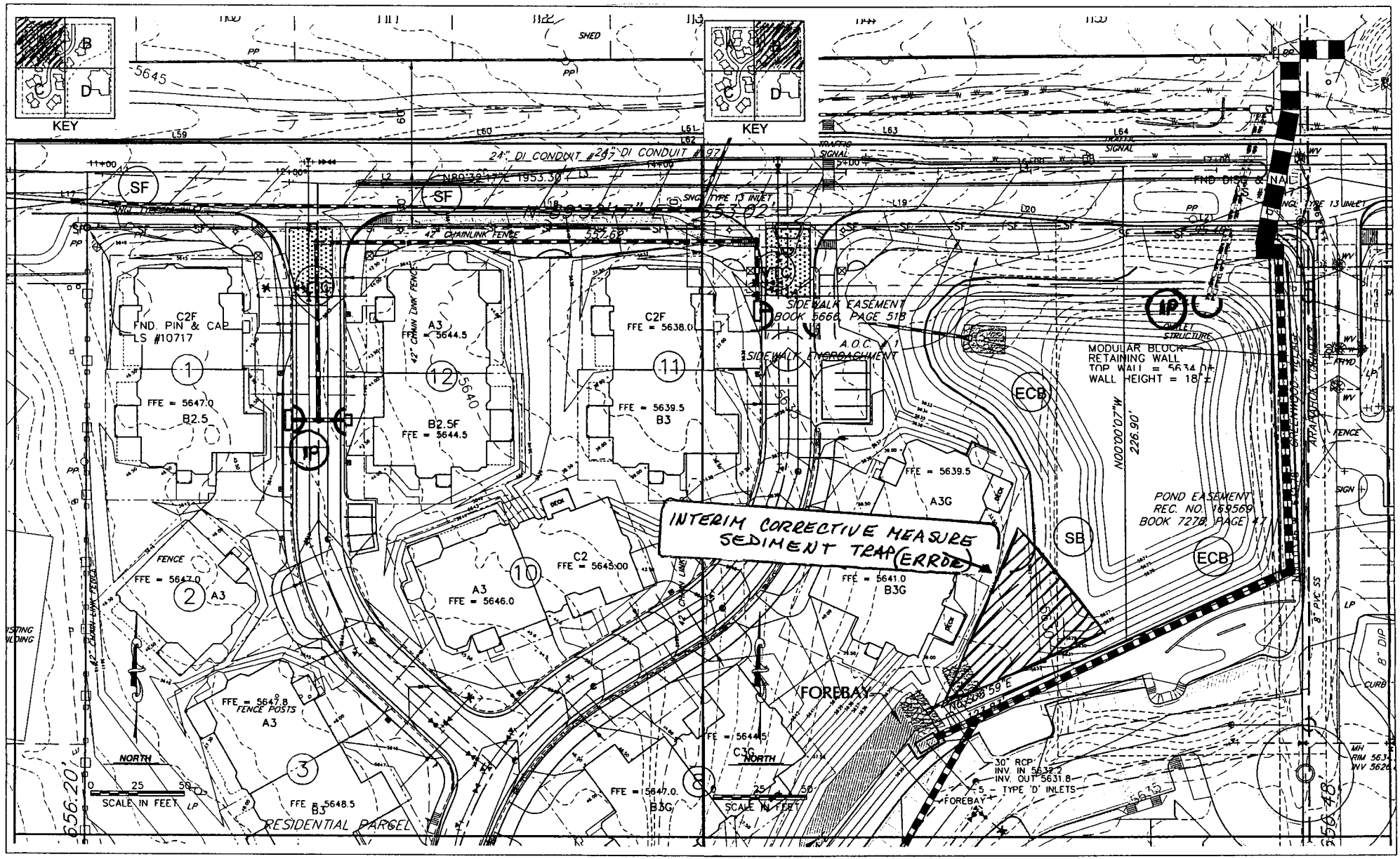

PROPOSED CONDITIONS

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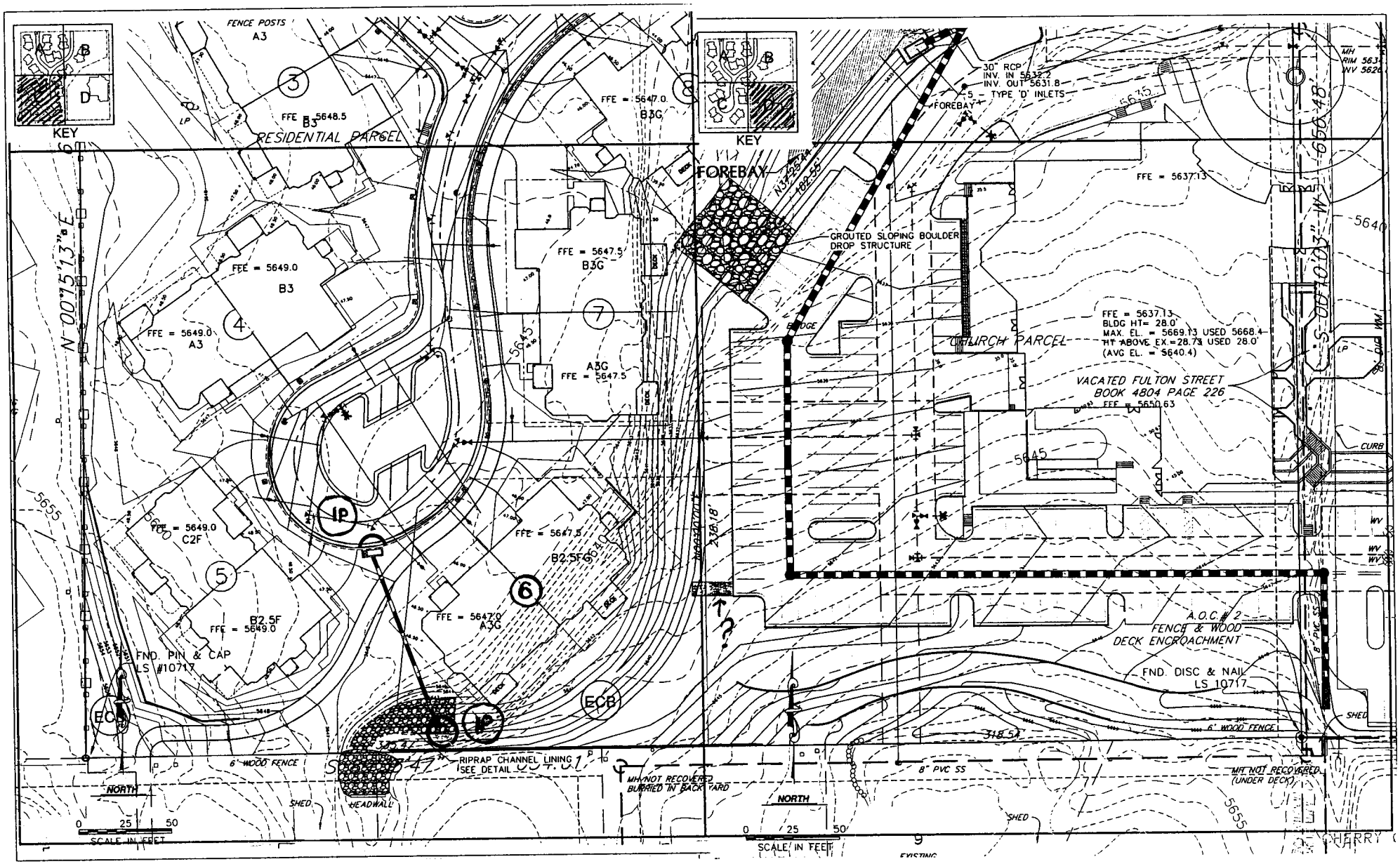

PROPOSED CONDITIONS

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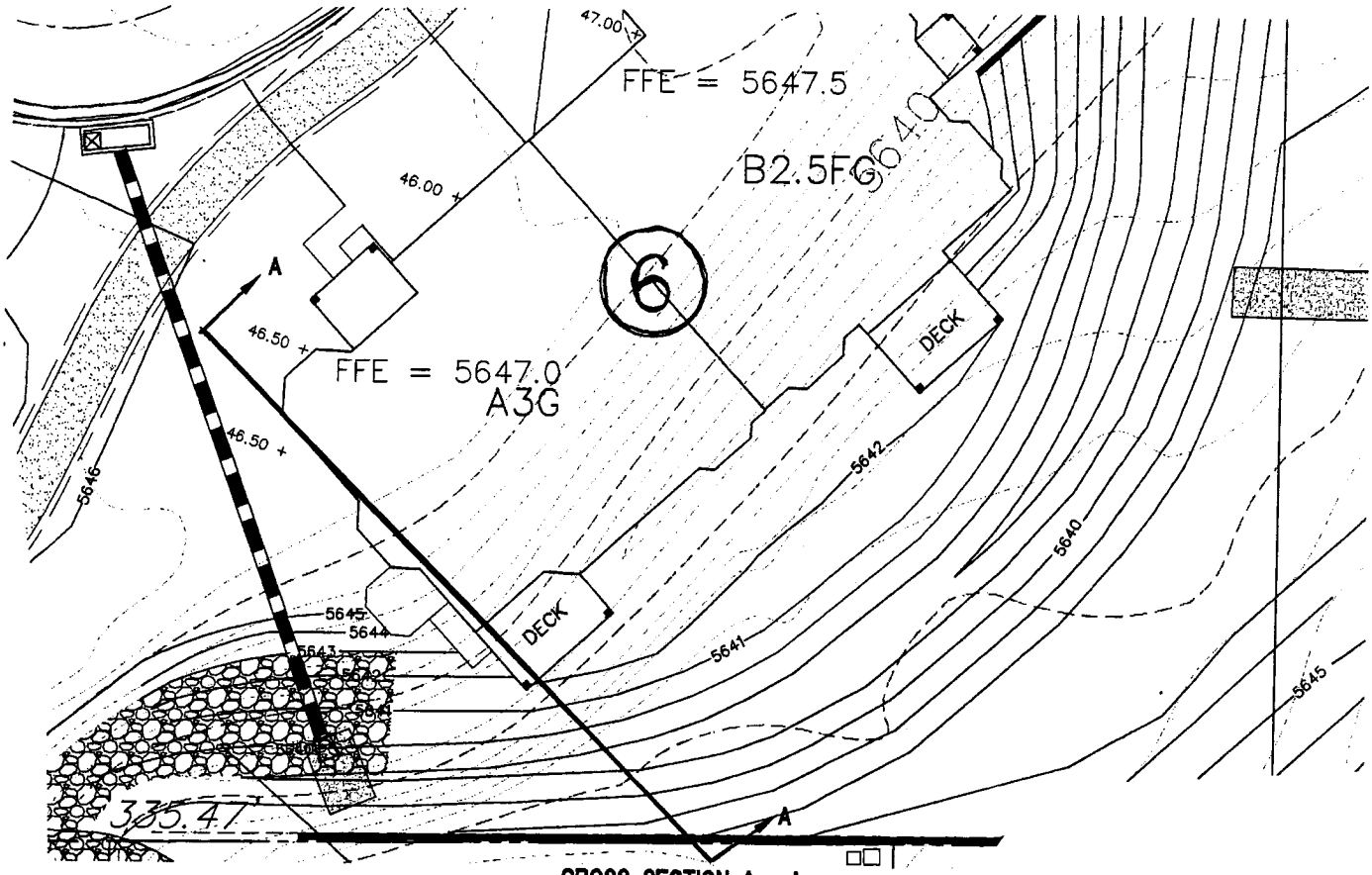
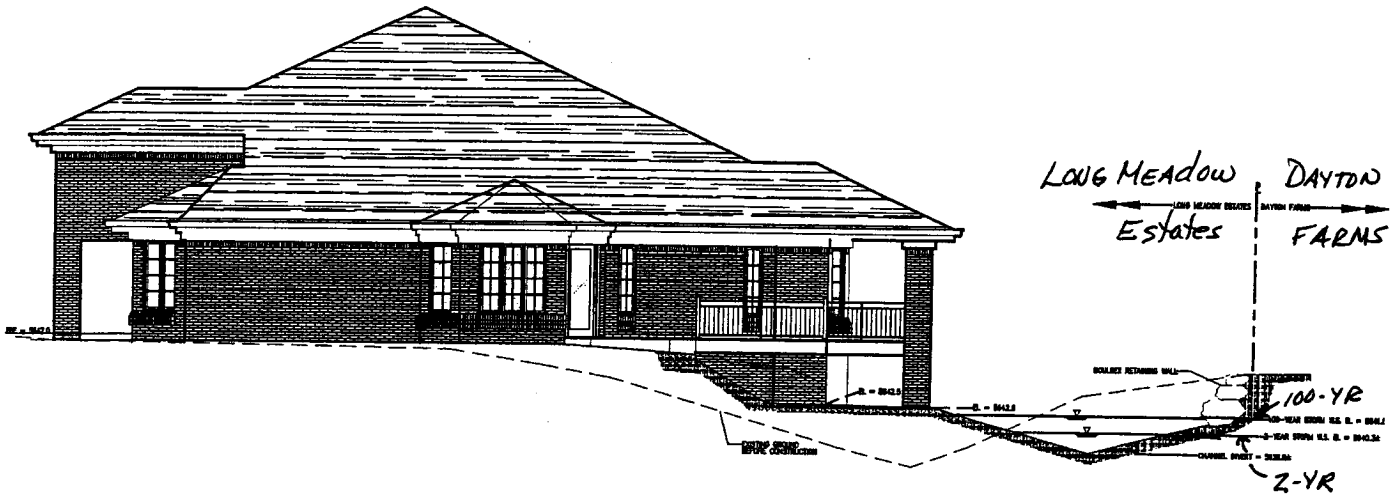


CROSS SECTION A - A



CROSS SECTION A - A
SCALE: 1"=10'

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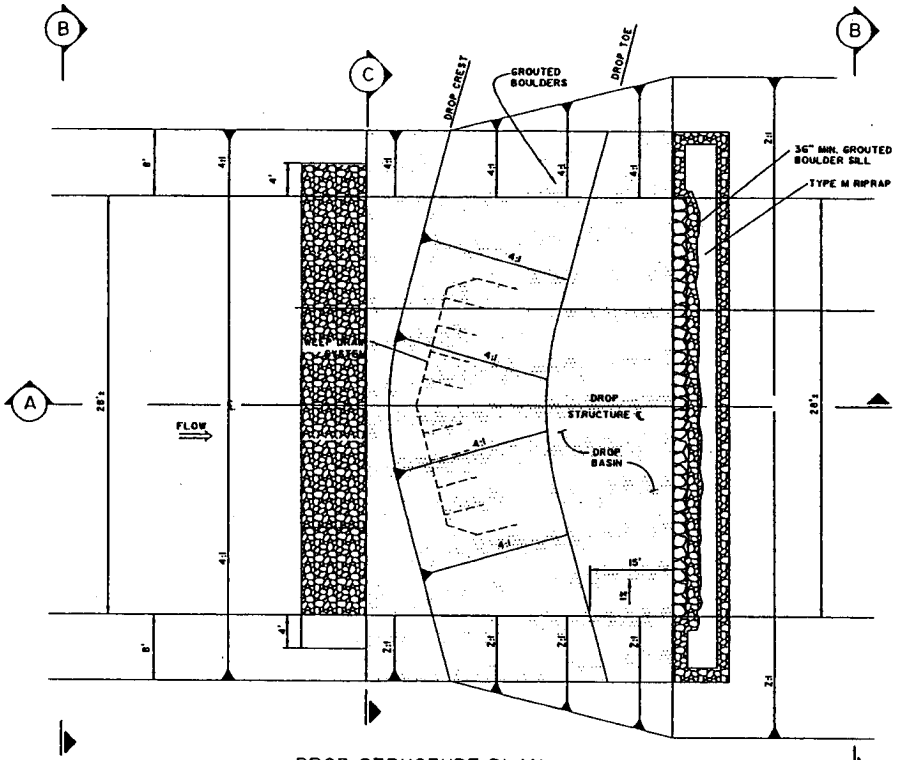
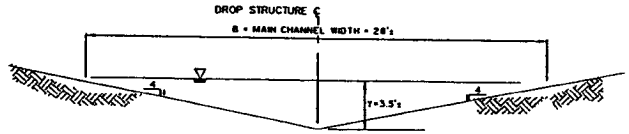
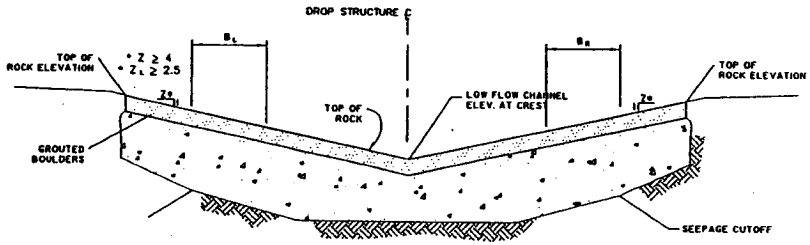


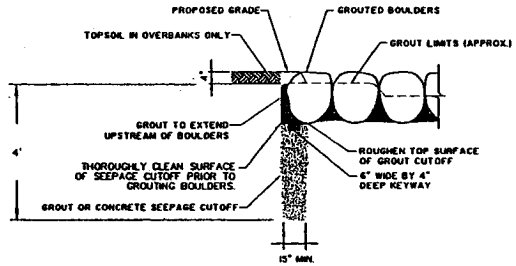
DROP STRUCTURE PLAN
NTS



TYPICAL CHANNEL SECTION
(UPSTREAM AND DOWNSTREAM OF DROP (B)
NTS

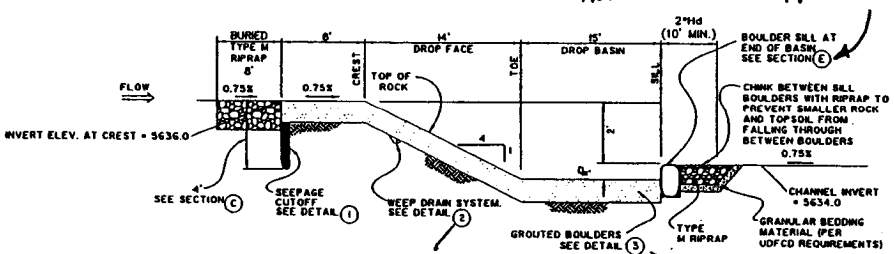


SEEPAGE CUTOFF SECTION (C)
NTS
SEE SEEPAGE CUTOFF DETAIL (1)



SEEPAGE CUTOFF DETAIL (1)
NTS

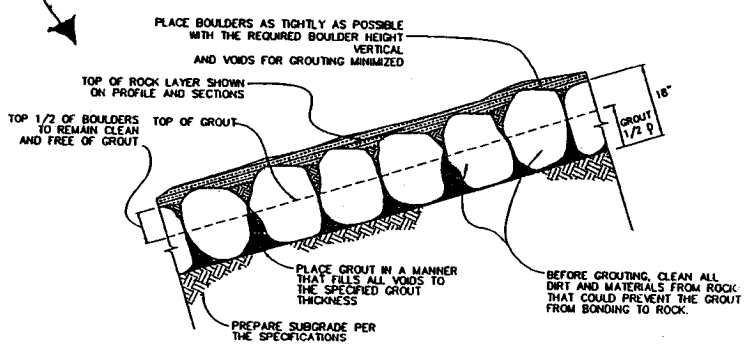
not included in application



DROP STRUCTURE PROFILE (A)
NTS

not included in application

GROUTED SLOPING BOULDER DROP



GROUTED BOULDER PLACEMENT DETAIL (3)

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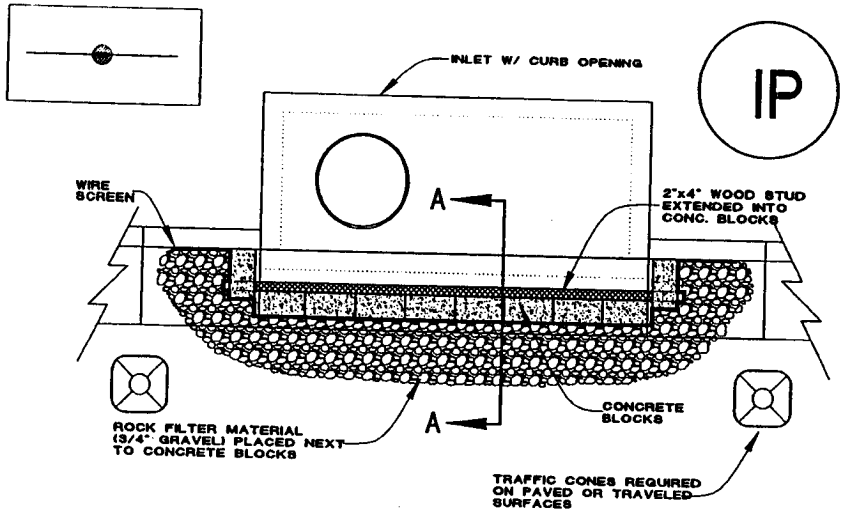
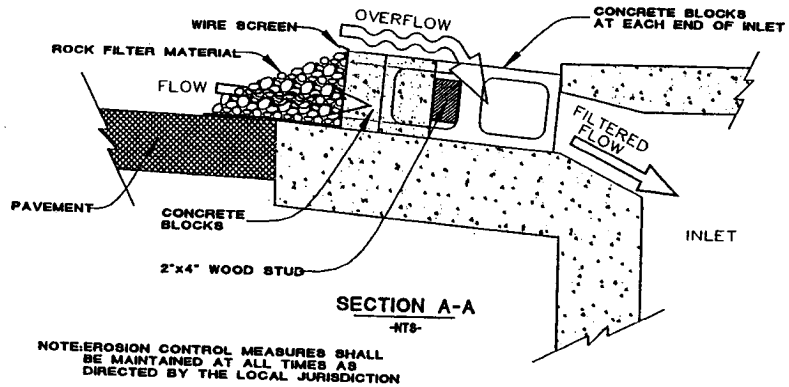
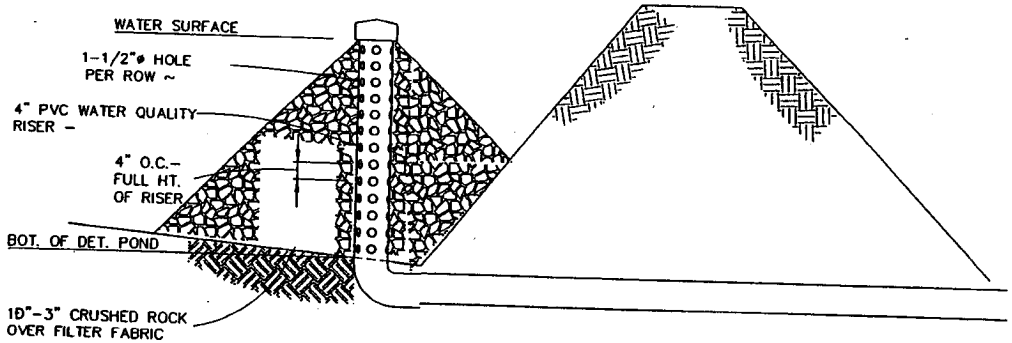




DETAIL
CURB INLET GRAVEL FILTER



SEDIMENT BASIN OUTLET DETAIL

Proposed Wetland Mitigation Plantings

Common Name	Scientific Name	Number	Notes
Herbaceous Plants[1]			
Soft stem bulrush	*Scirpus validus*	720	To be planted in areas with deeper water.
Hard stem bulrush	*Scirpus acutus*	720	To be planted in areas with deeper water.
American three square	*Scirpus americanus*	960	To be planted in areas with shallow water.
Common spike rush	*Eleocharis palustris*	960	To be planted along the edge of the normal water surface
Baltic rush	*Juncus balticus*	1,440	Rhizomatous species planted at or above normal water surface
Trees and Shrubs[2]			
Sandbar willow	*Salix exigua*	15	Planted closer to water
Chokecherry	*Prunus virginiana*	15	
Golden currant	*Ribes aureum*	15	
Woods rose	*Rosa woodsii*	15	Planted on upper banks
Plains cottonwood	*Populus deltoides*	15	Planted on upper banks
Box elder	*Acer negundo*	12	Planted on upper banks

[1] All herbaceous plants will be potted nursery stock planted 2-foot on-center.

[2] Trees will be 3.5 – 4" DBH; shrubs will be 5-gallon potted.

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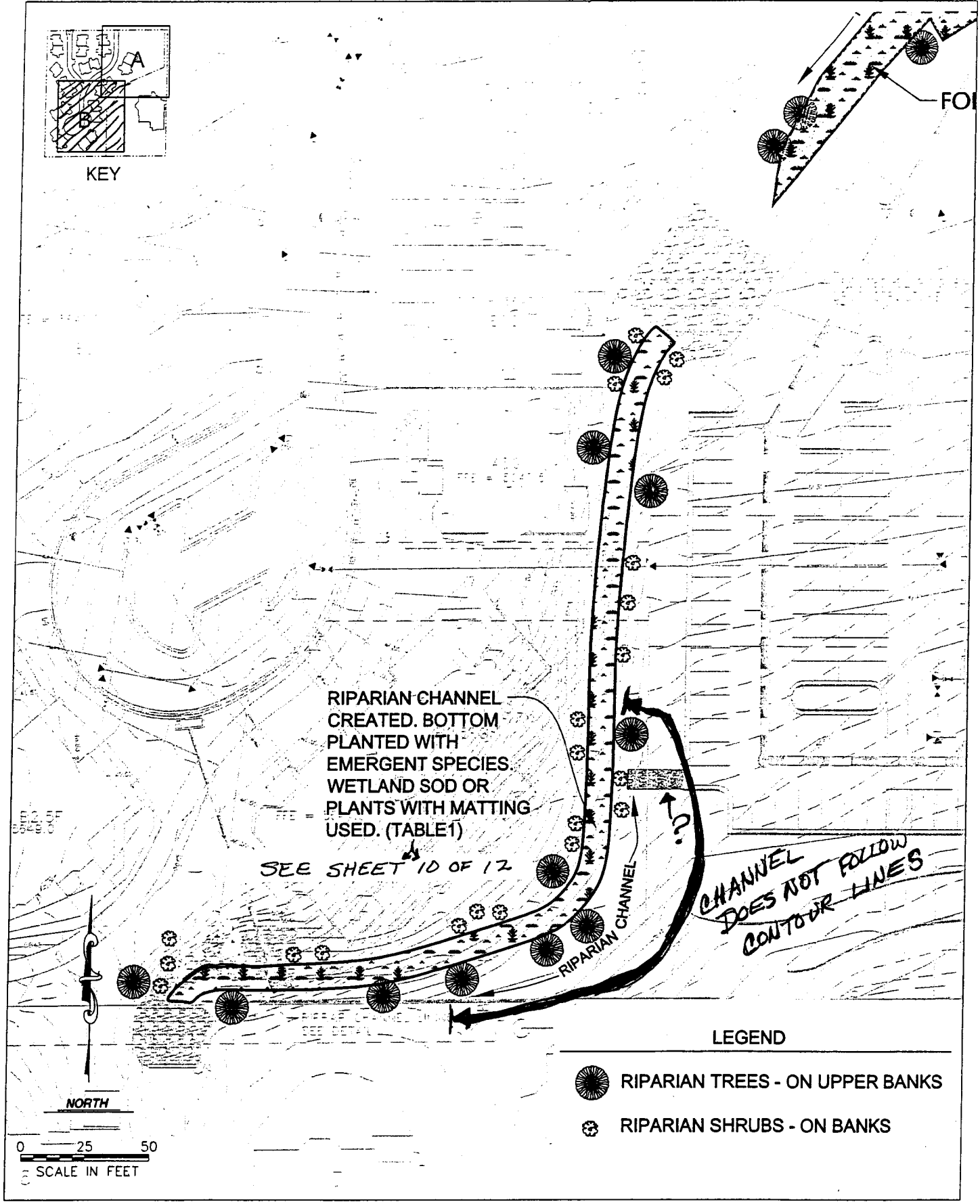

WRIGHT WATER ENGINEERS, INC.
2490 W. 26TH AVE. STE. 100A
DENVER, CO 80211
(303)480-1700

DRAWING 6-B
LONG MEADOWS ESTATES/CHERRY CREEK
PRESBYTERIAN CHURCH EXPANSION
PROPOSED WETLAND MITIGATION PLAN

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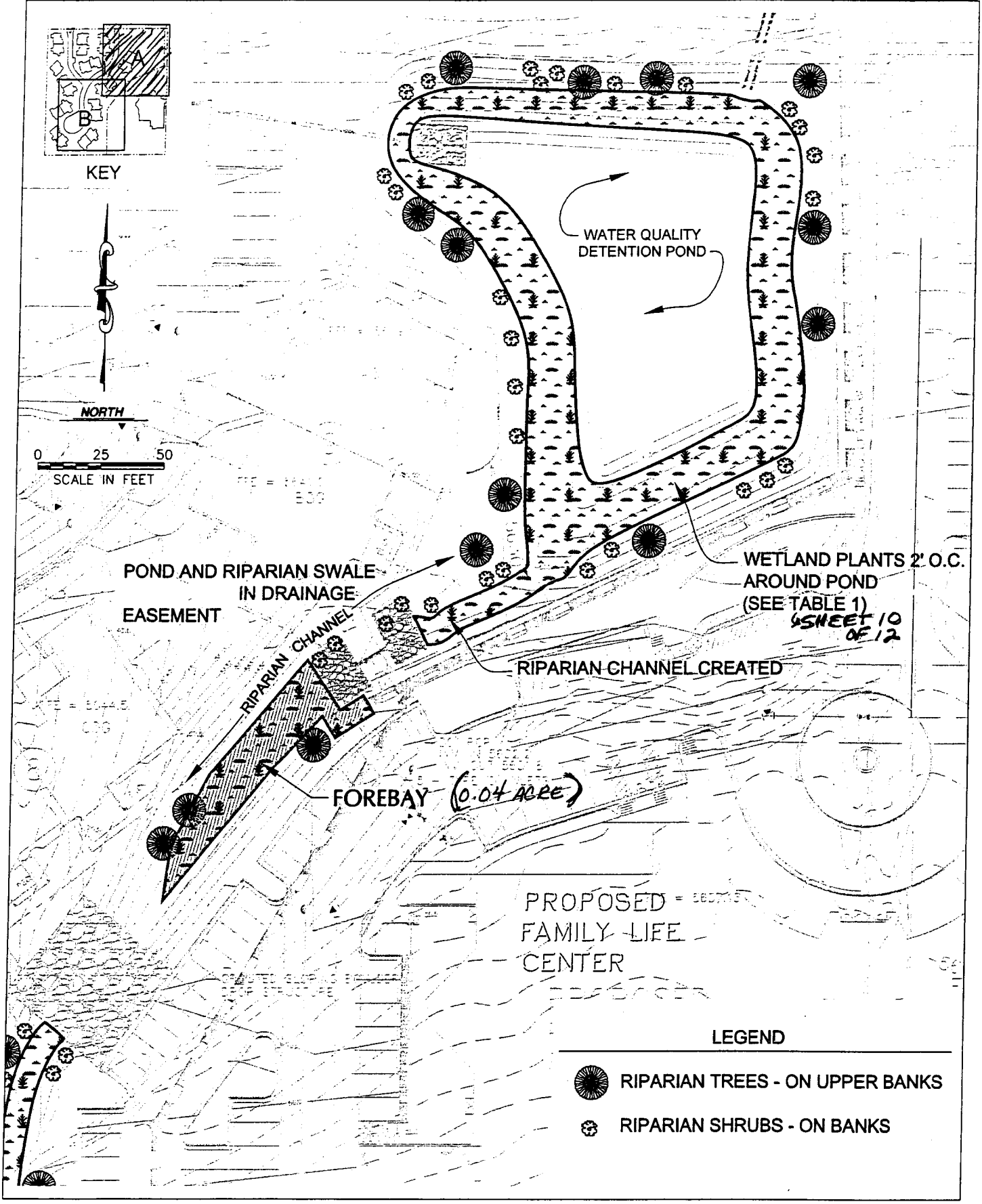

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DRAWING 6-A
LONG MEADOWS ESTATES/CHERRY CREEK
PRESBYTERIAN CHURCH EXPANSION
PROPOSED WETLAND MITIGATION PLAN

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