

Information for File # 2013-03948-RMM

Applicant: Clear River Watershed District

Corps Contact: Ryan Malterud

Address: 180 Fifth Street East, St. Paul, Minnesota 56101

E-Mail: Ryan.M.Malterud@usace.army.mil

Phone: (651) 290-5286

Primary County: Stearns

Section: 2, 3, 10, 11

Township: 121 North

Range: 29 West

Information Complete On: September 26, 2013

Posting Expires On: November 24, 2013

Authorization Type: LOP-05-MN

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. Any approved jurisdictional determination made prior to reaching a permit decision will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

Project Description and Purpose (As stated by the applicant):

The Clear River Watershed District proposes a water quality improvement project in the City of Kimball in Stearns County. The project is an integral part of the watershed-wide effort to meet water quality goals for several impaired waters.

Currently, the majority of the stormwater from the City of Kimball flows untreated into wetlands and a trout stream. The proposed project provides water quality treatment

upstream of target wetlands through detention, filtration and the promotion of infiltration to recharge shallow groundwater which historically have fed local wetlands and the trout stream. The general strategy for this project is to manage the increased surface drainage from urbanization by promoting infiltration and filtration, helping to return the area to a state closer to the pre-settlement hydrology.

The project has 6 components. The first component includes the extension of the 18” storm sewer east of County State Aid Highway (CSAH) 24/State Highway 15 to redirect stormwater runoff west of CSAH 24/State Highway 15. The second component involves the excavation and removal of sediment from a wetland that currently receives stormwater from the City in order to mitigate for existing flooding and increase the stormwater treatment capacity to accommodate the additional stormwater flow from east of CSAH 24/State Highway 15. The third component includes the grading of a swale to alleviate localized flooding near the tracks and CSAH 24 and State Highway 15 and provide in-line water quality treatment. The construction of this swale provides an alternate flow path for stormwater that currently flows southwest through the Winter property and causes flooding. The fourth component includes the clearing and grubbing of vegetation and removal of all ground restrictions to provide an emergency over flow swale along the CP Rail right-of-way west of Area B. The fifth component includes the construction of an off-line sedimentation basin adjacent to a ditch that conveys stormwater from the north to provide treatment to stormwater from that portion of the City’s subwatershed draining to Willow Creek. The sixth and final component of the project includes the placement of a pipe to convey the stormwater from the City of Kimball and discharge to the wetland downslope of the area on the property that is currently hayed.

Name, Area and Types of Waters (Including Wetlands) Subject to Loss:

The applicant has stated they believe there would only be 1,944 square feet of permanent impact.

Compensatory Mitigation:

The applicant proposed to meet compensatory mitigation requirements by securing wetland mitigation bank credits at a ratio of 2:1. The applicant is proposing to purchase 0.09 credits from a Corps-approved wetland mitigation bank in the closest watershed. At this time the applicant has not completed a purchase agreement for wetland credits but will secure the necessary credits before work begins.

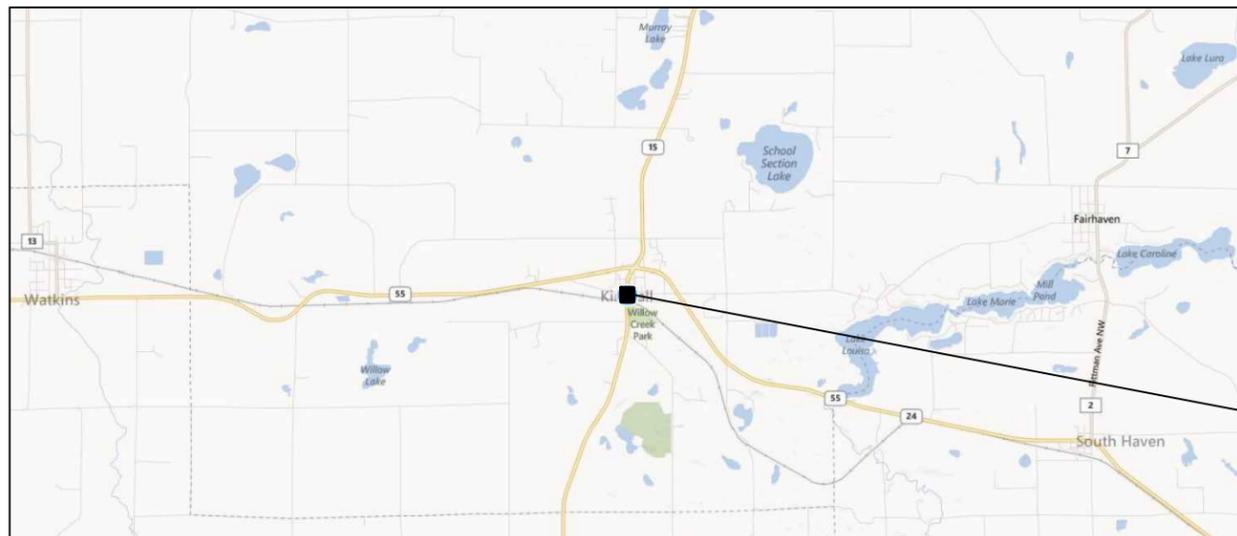
Drawings: MVP-2013-03948-RMM Page 1 through MVP-2013-02948-RMM Page 10

PRELIMINARY CONTRACT DRAWINGS

KIMBALL PHASE II STORMWATER IMPROVEMENTS

CLEARWATER RIVER WATERSHED DISTRICT

AUGUST 2013



PROJECT LOCATION MAP

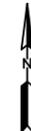
INDEX OF SHEETS

- G-101 TITLE SHEET
- G-102 LOCATION PLAN
- C-101 EXISTING CONDITIONS & REMOVAL PLAN
- C-102 EXISTING CONDITIONS & REMOVAL PLAN
- C-301 GRADING PLAN – HENDRICKS EAST
- C-302 GRADING PLAN – HENDRICKS WEST ALT. #1
- C-501 STORM SEWER PLAN & PROFILE – HAZEL AVE
- C-502 STORM SEWER PLAN & PROFILE – HAZEL AVE STORM LEADS
- C-503 STORM SEWER PLAN & PROFILE – CP RAIL & WIN-GO PROPERTY



ENLARGED PROJECT LOCATION MAP

PROJECT LOCATION



WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

CALL BEFORE YOU DIG
GOPHER STATE ONE CALL
 TWIN CITY AREA: 651-454-0002
 TOLL FREE 1-800-252-1166

A	ISSUED FOR REVIEW	KBM	8/26/13		
REV	REVISION DESCRIPTION	DWN	APP	REV	DATE

SEAL

PRIME CONSULTANT



PROJECT TITLE

**KIMBALL PHASE II
STORMWATER IMPROVEMENTS**

CLEARWATER RIVER
WATERSHED DISTRICT

SHEET TITLE

TITLE SHEET

DWN BY [CHK'D] APP'D [] DWG DATE AUG 2013

KIM MVP-2013-03948-RMM

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GENERAL NOTES

1. PRIVATE UTILITIES ARE SHOWN IN GENERAL LOCATIONS. CONTRACTOR TO COORDINATE WITH PRIVATE UTILITY OWNERS PER GOPHER STATE ONE REQUIREMENTS.
2. NOTIFY ENGINEER IMMEDIATELY OF ALL EXISTING SEWER AND WATER SERVICE CONFLICTS.

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WATERSHED DISTRICT

SHEET TITLE

LOCATION PLAN

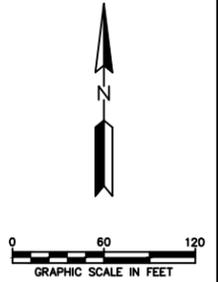
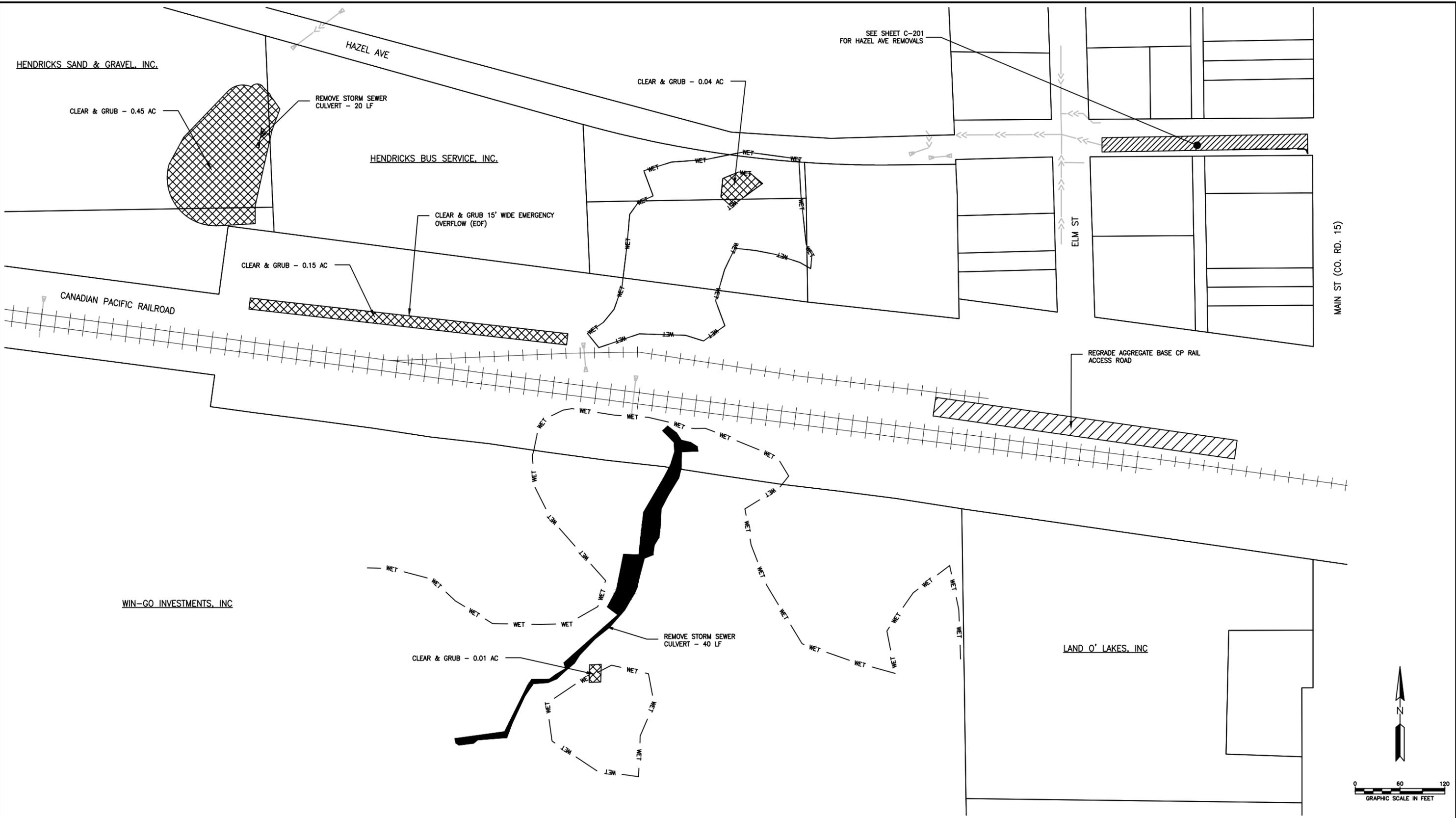
DWN BY: LCHK'D, LAPP'D, LINC DATE: AUG 2013

PROJ NO: MVP-2013-03948-RMM

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Plot Date & Time: 26 August 2013 4:33 PM

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REMOVAL NOTES

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Wenck
 Consulting Engineers
 1800 PIONEER CREEK CENTER
 MAPLE PLAIN, MN 55359

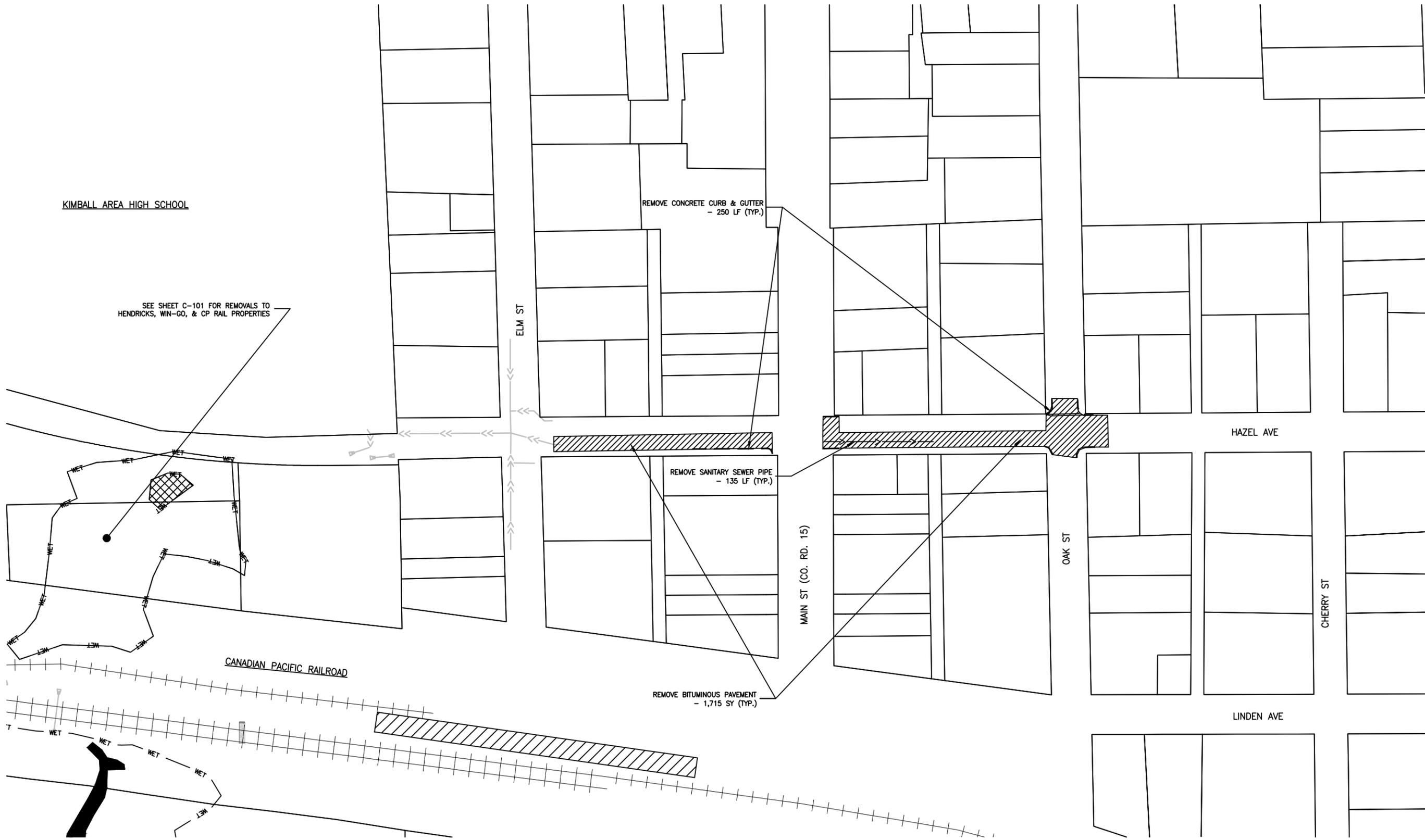
Web Site: www.wenck.com
 763-479-4200
 763-479-4242

PROJECT TITLE
**KIMBALL PHASE II
 STORMWATER IMPROVEMENTS**

CLEARWATER RIVER
 WATERSHED DISTRICT

SHEET TITLE
**EXISTING CONDITION
 & REMOVAL PLAN**

DWN BY: LUKAS LARSEN, DATE: AUG 2013
 PROJECT: MVP-2013-03948-RMM
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KIMBALL AREA HIGH SCHOOL

SEE SHEET C-101 FOR REMOVALS TO HENDRICKS, WIN-GO, & CP RAIL PROPERTIES

REMOVE CONCRETE CURB & GUTTER
- 250 LF (TYP.)

REMOVE SANITARY SEWER PIPE
- 135 LF (TYP.)

REMOVE BITUMINOUS PAVEMENT
- 1,715 SY (TYP.)

CANADIAN PACIFIC RAILROAD

ELM ST

MAIN ST (CO. RD. 15)

OAK ST

CHERRY ST

HAZEL AVE

LINDEN AVE

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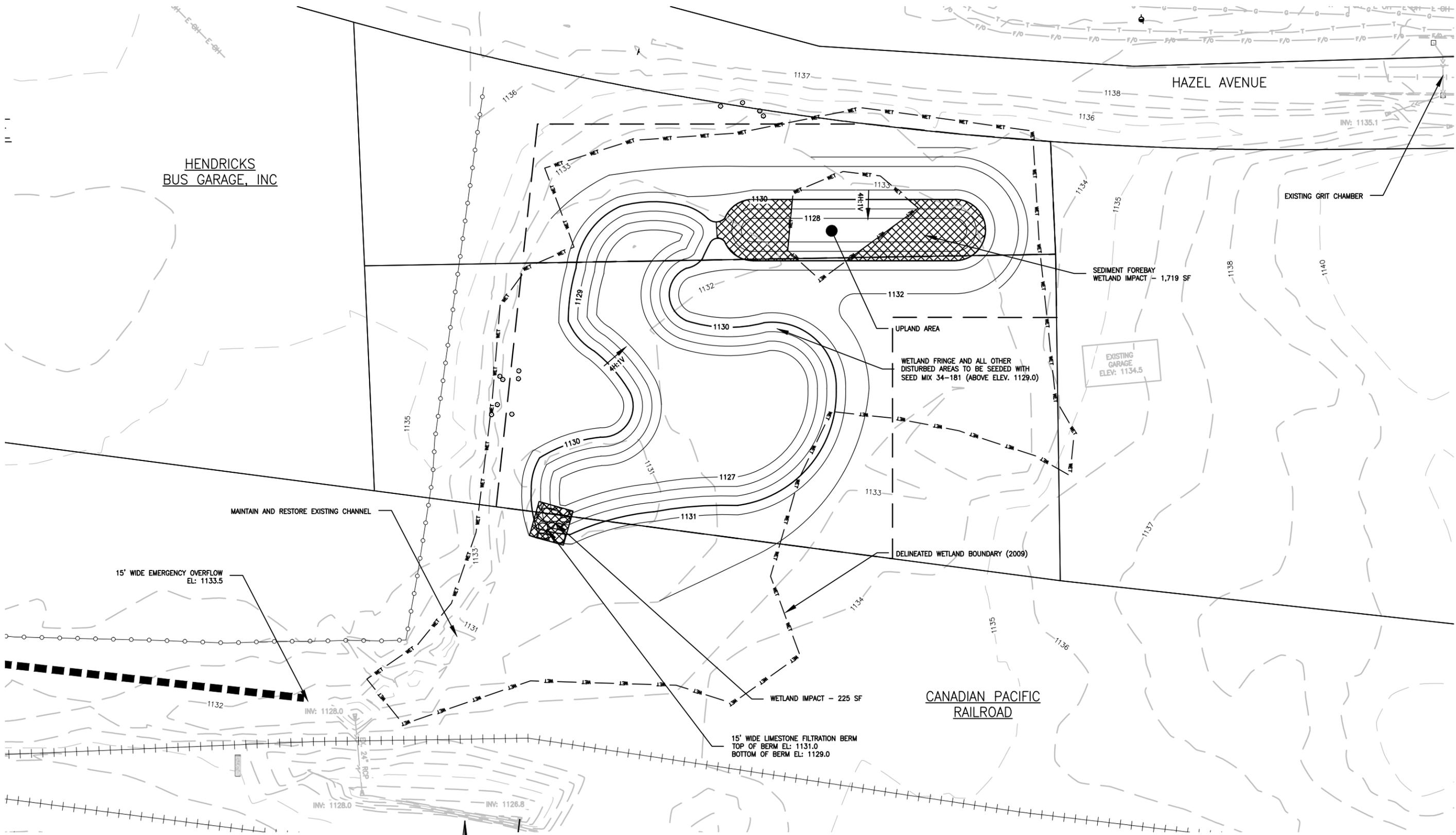
CLEARWATER RIVER
WATERSHED DISTRICT

SHEET TITLE
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& REMOVAL PLAN**

DWN BY: LCHK'D | APP'D: | DWC DATE: AUG 2013

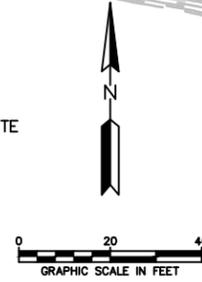
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GRADING NOTES

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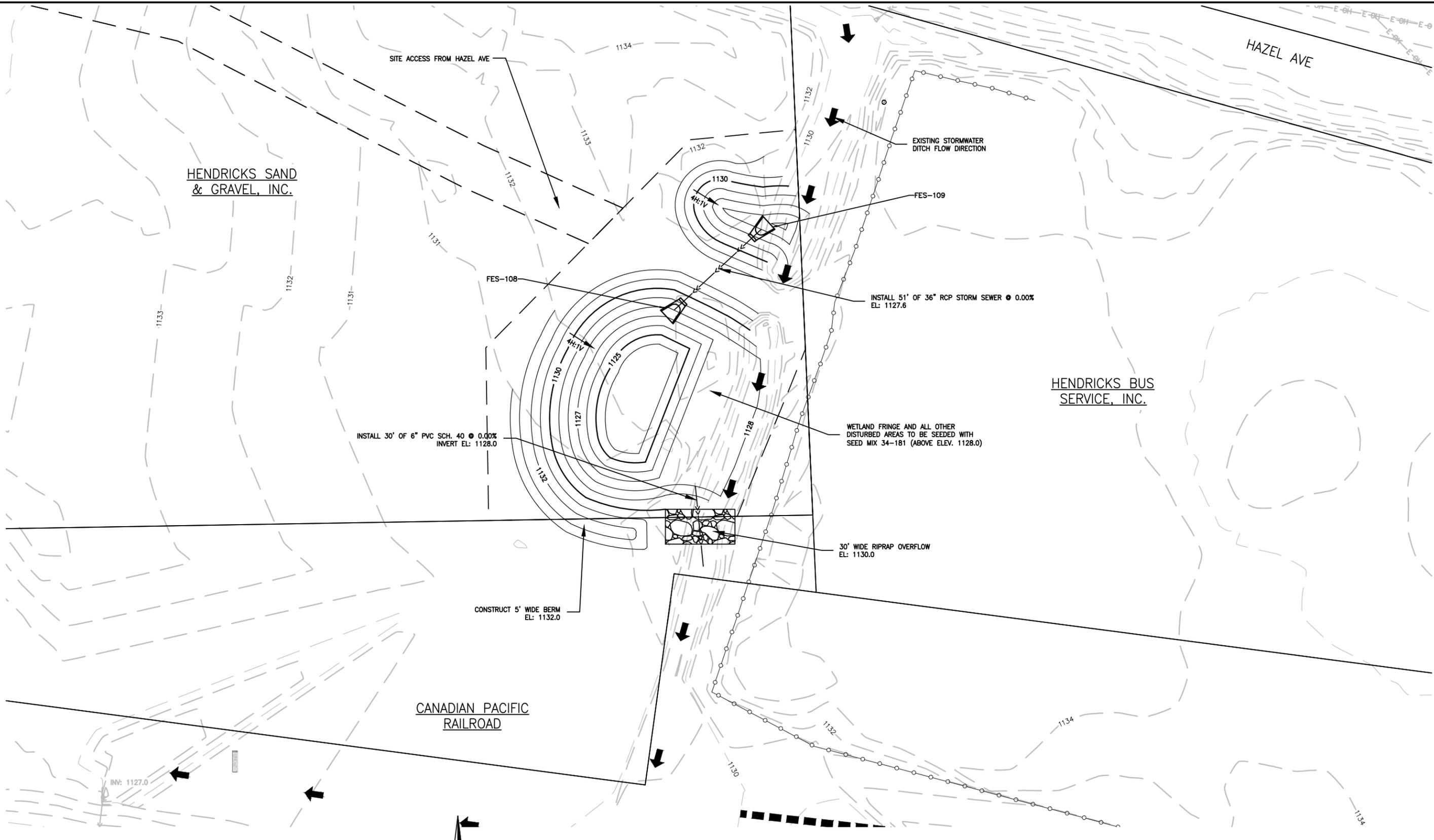
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PROJECT TITLE	KIMBALL PHASE II STORMWATER IMPROVEMENTS
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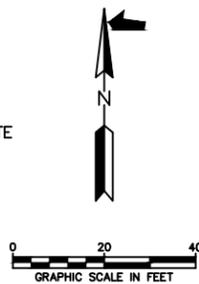
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DWN BY	CHK'D
APP'D	DATE
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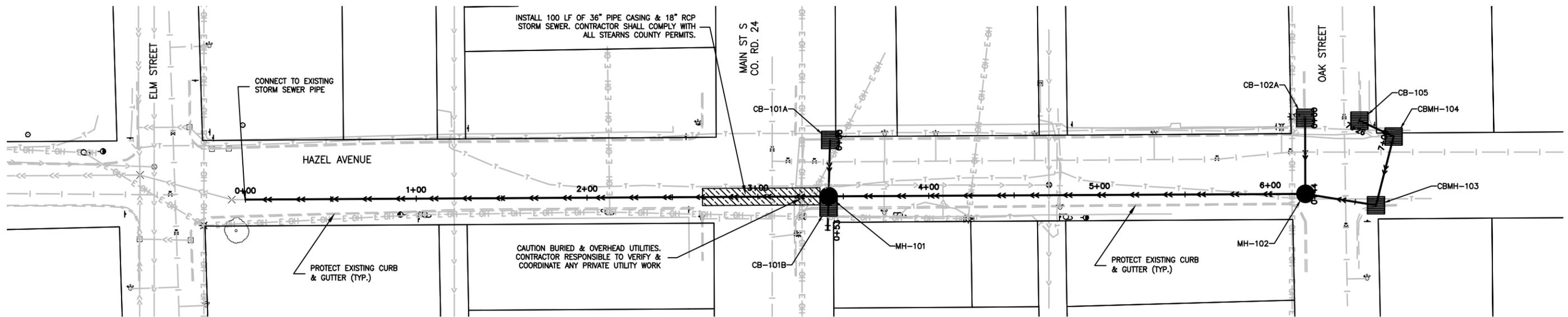
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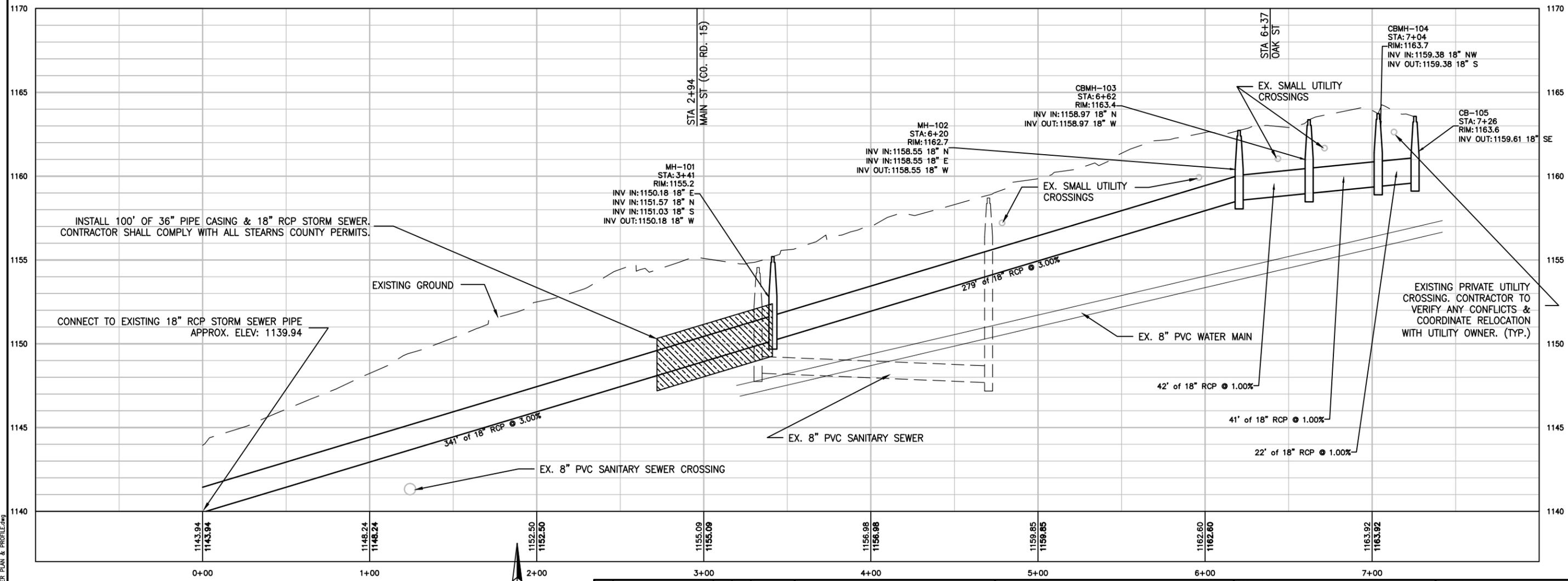
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DATE	AUG 2013
PROJECT	MVP-2013-03948-RMM
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Plot Date & Time: 26 August 2013 2:43 PM

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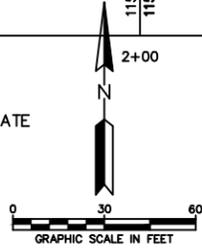


HAZEL AVE



STORM SEWER NOTES

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DATE	
SCALE	

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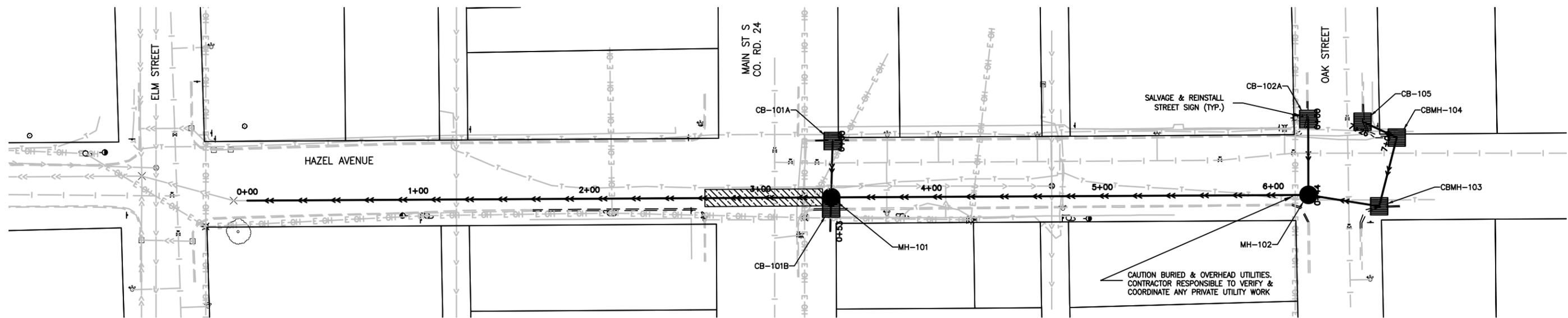
**STORM SEWER PLAN & PROFILE
HAZEL AVE**

DWN BY LCHK'D APP'D DWG DATE AUG 2013

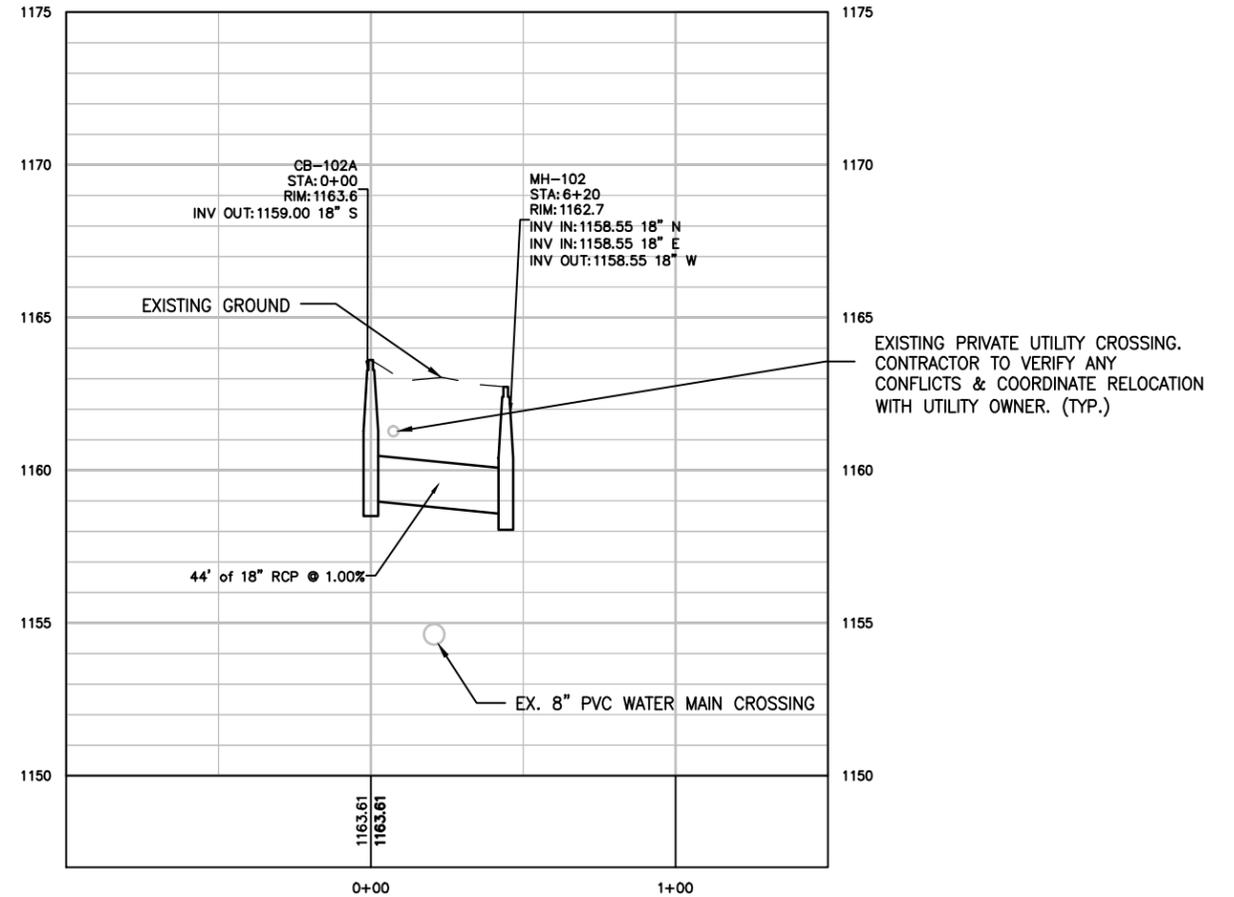
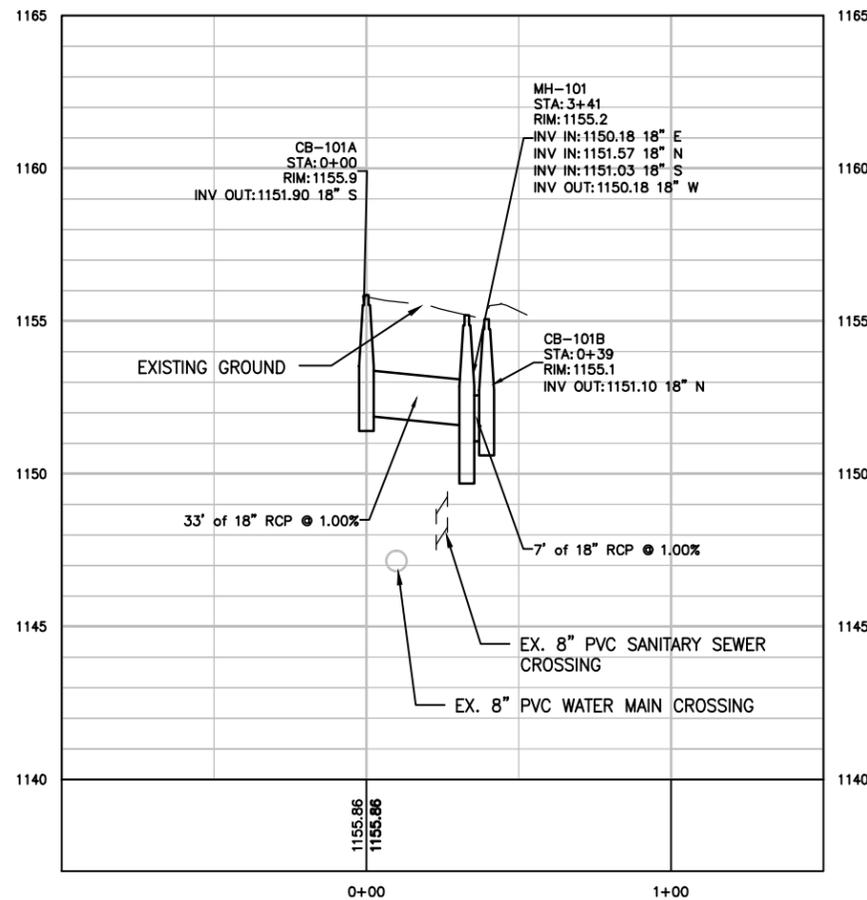
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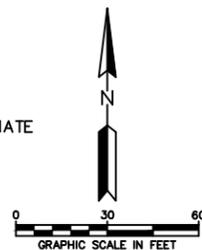


HAZEL AVE - STORM LEADS



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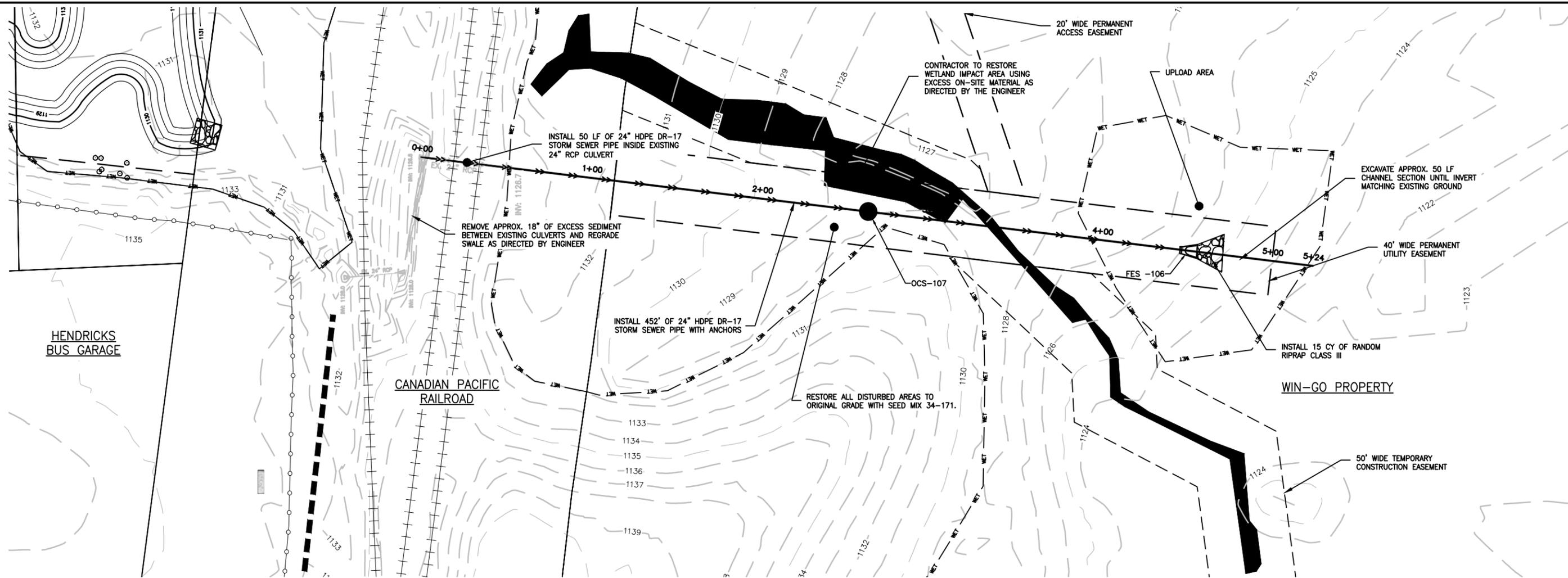
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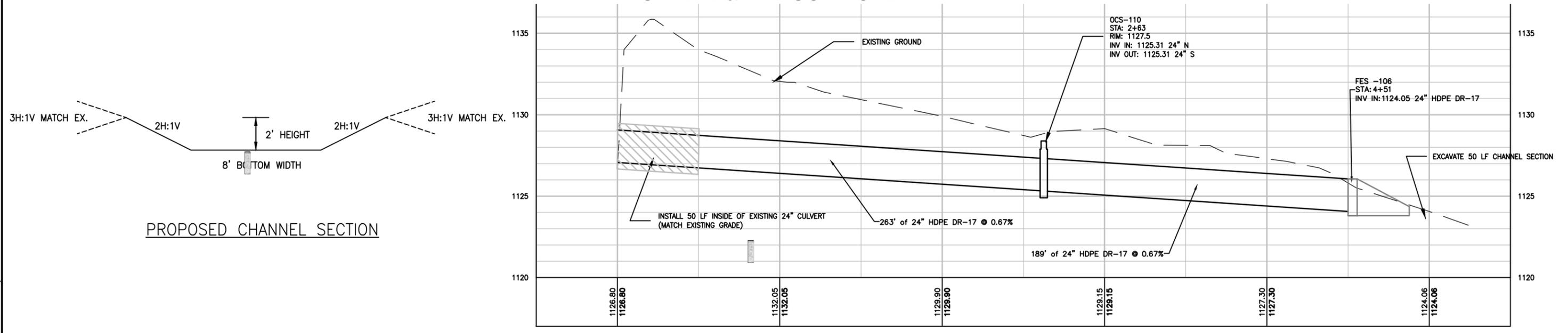
**STORM SEWER PLAN & PROFILE
HAZEL AVE STORM LEADS**

DWN: KBM
PROJ: 0

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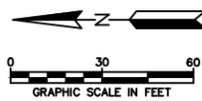


CP RAIL & WIN-GO PROPERTY



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1126.80	1132.05	1129.90	1129.15	1127.30	1124.06

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WATERSHED DISTRICT

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**STORM SEWER PLAN & PROFILE
CP RAIL & WIN-GO PROPERTY**

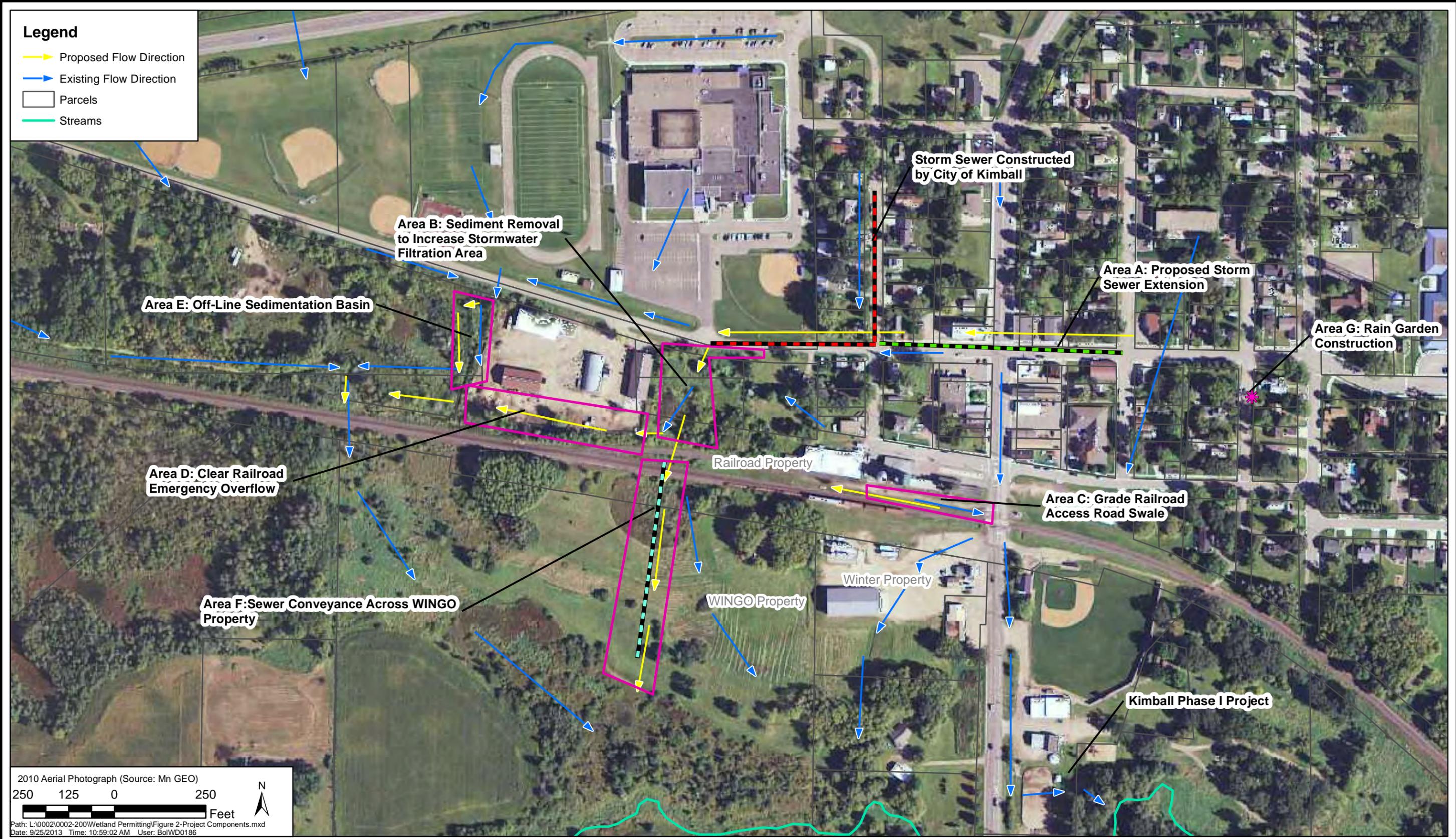
DWN BY: LCHK'D APP'D: LWC DATE: AUG 2013

PROJ: 0

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Legend

-  Proposed Flow Direction
-  Existing Flow Direction
-  Parcels
-  Streams



2010 Aerial Photograph (Source: Mn GEO)
 250 125 0 250 Feet
 Path: L:\0002\0002-200\Wetland Permitting\Figure 2-Project Components.mxd
 Date: 9/25/2013 Time: 10:59:02 AM User: BolWD0186

CLEARWATER RIVER WATERSHED DISTRICT
Kimball Stormwater Phase II Project Component Location Map


 Engineers - Scientists
 Business Professionals
 www.wenck.com

Wenck
 1800 Pioneer Creek Center
 Maple Plain, MN 55359-0429
 1-800-472-2232

SEPT 2013
 MVP-2013-03948-RMM
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