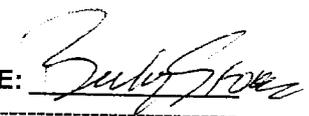


AGENDA ITEM SUMMARY

DATE: 08/21/2008 DEPARTMENT: Treasurer

DEPT. HEAD SIGNATURE: 

SUBJECT:

GREENHOUSE Gas Emissions Reductions (3% per year; 15% by 2015)

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____
(IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

ICLEI – Local Governments for Sustainability’s 5 milestones to fight global warming are **1)** conduct a baseline inventory and forecast; **2)** Adopt an emissions reduction target (15%x2015, or 15x15); **3)** Develop a Climate Action Plan for reducing emissions; **4)** Implement policies and measures and **5)** Monitor and verify results. We have completed the baseline and established a target; the following reports detail immediate steps taken and some recommendations to achieve the goal, steps 3 and 4.

The 2005 baseline year’s eCO2 level is 2850 tons; 3% of which is 85.5 tons per year. The 2009 report shows a reduction of 136 tons; this takes advantage of the existing measures we have already put in place. The Fleet, Employee Commute and LED Traffic Signal line items are “ramped in” – gradually implemented over a period of four or five years. Without adding additional measures, the total annual eCO2 reduction with these measures is 224 tons, only 200/year shy of our 15% reduction goal by 2015. We are researching measures which may help offset the Waste Water Treatment Plant’s consumption, the City’s largest consumer of power. In addition to increased efficiencies, conservation and upgrades, wise purchases of vehicles and technological advances, we are well on the road!

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS

Budget Line Item # _____ YTD Line Item Balance \$ _____
Estimated Hours Spent to Date: _____ Estimated Completion Date: _____
Staff Contact: _____ Phone # _____
Comments: _____

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)

___ City Attorney	___ Clerk / Finance Director	___ Engineer	___ Building
___ Library	___ Planning	___ Fire Dept.	___
___ Safety Committee	___ P & Z Commission	___ Police	___
___ Streets	___ Public Works, Parks	___ Mayor	___

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

FOLLOW-UP REMARKS:

CITY OF HAILEY

Government Greenhouse Gas Emissions Reductions in 2009 Measures Detailed Report

	Equiv CO ₂ (tons)	Equiv CO ₂ (%)	Energy (kWh)	Energy Cost Savings (\$)
Buildings Sector				
CITY OF HAILEY, IDAHO				
<i>Energy Efficiency: Buildings</i>				
Update HVAC System in	11	8.4	28,875	1,241
<i>Energy Efficiency: Equipment and Lighting</i>				
CFL light retrofit in all City	37	26.9	67,202	3,360
digital thermostats in City	9	6.6	42,368	1,446
Purchase of efficient	0	0.2	500	25
Subtotal Buildings	57	42.0	138,945	6,072
Vehicle Fleet Sector				
CITY OF HAILEY, IDAHO				
<i>Change in Fuel Type</i>				
20% reduction in fuel usage <i>sampled in</i>	27	19.9	92,998	10,108
change to B-20 biodiesel <i>~</i>	2	1.7	449	0
Subtotal Vehicle Fleet	29	21.6	93,447	10,108
Employee Commute Sector				
CITY OF HAILEY, IDAHO				
<i>Other VMT Reduction</i>				
50% of Employee commute	32	23.5	109,984	11,622
Subtotal Employee Commute	32	23.5	109,984	11,622
Streetlights Sector				
CITY OF HAILEY, IDAHO				
<i>Energy Efficiency: Lamp and Ballast</i>				
LED traffic signals <i>(one per year)</i>	14	10.5	26,208	1,310
<i>Energy Efficiency: Reduce Hours of Operation</i>				
LED Christmas lights on trees	3	2.4	5,897	295
Subtotal Streetlights	17	12.8	32,105	1,605
Total	136	100.0	374,480	29,407

This report has been generated for CITY OF HAILEY, IDAHO using STAPPA/ALAPCO and ICLEI's Clean Air and Climate Protection Software developed by Torrie Smith Associates Inc.

CITY OF HAILEY

Government Greenhouse Gas Emissions Reductions in 2015 Target Year Measures Detailed Report

	Equiv CO ₂ (tons)	Equiv CO ₂ (%)	Energy (kWh)	Energy Cost Savings (\$)
Buildings Sector				
CITY OF HAILEY, IDAHO				
<i>Energy Efficiency: Buildings</i>				
Update HVAC System in	11	4.8	28,875	1,241
<i>Energy Efficiency: Equipment and Lighting</i>				
CFL light retrofit in all City	34	15.1	67,202	3,360
digital thermostats in City	9	4.0	42,368	1,446
Purchase of efficient	1	0.4	2,000	100
Subtotal Buildings	55	24.4	140,445	6,147
Vehicle Fleet Sector				
CITY OF HAILEY, IDAHO				
<i>Change in Fuel Type</i>				
20% reduction in fuel usage	54	24.2	185,995	20,216
change to B-20 biodiesel	23	10.5	4,490	0
Subtotal Vehicle Fleet	78	34.7	190,485	20,216
Employee Commute Sector				
CITY OF HAILEY, IDAHO				
<i>Other VMT Reduction</i>				
50% of Employee commute	62	27.8	213,858	23,244
Subtotal Employee Commute	62	27.8	213,858	23,244
Streetlights Sector				
CITY OF HAILEY, IDAHO				
<i>Energy Efficiency: Lamp and Ballast</i>				
LED traffic signals	26	11.8	52,416	2,621
<i>Energy Efficiency: Reduce Hours of Operation</i>				
LED Christmas lights on	3	1.3	5,897	295
Subtotal Streetlights	29	13.1	58,313	2,916
Total	224	100.0	603,101	52,523

This report has been generated for CITY OF HAILEY, IDAHO using STAPPA/ALAPCO and ICLEI's Clean Air and Climate Protection Software developed by Torrie Smith Associates Inc.

MEMORANDUM

TO: Hailey Mayor and City Council
FROM: Mariel Platt, City Planner, HELP Chair
RE: Alternative Energy Options for WWTP

MEETING DATE: August 25, 2008

As you know, HELP is charged with finding ways the City can reduce its carbon emissions. The largest source of energy consumption within the city is the Waste Water Treatment Plant (WWTP), which accounted for 61% of the City's carbon emissions in 2007.

To obtain a significant reduction in carbon emissions, HELP has explored some alternative energy options to determine how alternative energy could help meet the long term emission reduction goals of the City. HELP conducted preliminary research on the feasibility of employing wind, solar, and bio-gas from anaerobic digesters and gleaned the following information:

- **Bio-gas from anaerobic digesters** – Is not feasible for a WWTP serving a population of our size. Typically, a WWTP serving a population of at least five (5) times larger than Hailey's current population would need to be in place in order for it to be technically and financially feasible.
- **Wind Energy** – The readings from local anemometers around Hailey and Bellevue suggest there is an average wind speed of approximately 9 mph. However, wind speed is very site specific. Nine mph produces a wind turbine efficiency of 18-19%. An average wind speed of 12 mph or 30% efficiency is suggested for any level of payback on wind turbines.
- **Solar Energy** – Currently, the low cost of electricity for our region and the high costs of solar panels produces a slow financial return on investment. However, according to Morgan Brown from Sun Valley Solar, with potential grants or other funding mechanisms and the consideration of probable future cost increases in electricity and decreases in solar technology, the financial return may be less than 20-30 years and carbon emissions abatement payback would be immediate.

Unfortunately, City Staff has a limited knowledge of renewable energy costs and efficiencies and at this point in time, greater expertise is required to obtain the information the City needs to consider its options and evaluate the financial and environmental return on investment. HELP recommends that the City consider pursuing a feasibility study from an alternative energy professional to help evaluate the options at the WWTP. Planning for potential alternative energy solutions at the WWTP coincides with the updates to the WWTP Master Plan. The costs associated with updating the plant, as well as the anticipated increase in carbon emissions due to a corresponding increase in WWTP activity should be considered. According to HELP's proposed long term goal of 15% emission reductions by 2015, the challenge will be finding ways to reduce emissions incrementally each year, when faced with a growing population. By pursuing a feasibility study, the City can determine which alternative energy option for the WWTP would be the most cost effective in reducing emissions, while potentially alleviating energy costs in the long term.

AGENDA ITEM SUMMARY

DATE: 8/25/08 DEPARTMENT: Engr DEPT. HEAD SIGNATURE: 

SUBJECT: Elm St Safe Routes to School Design Discussion

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____
(IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

The city's SRTS grant for \$84,700 is for sidewalks along Elm St. While I originally thought we would be able to complete sidewalk from at least Main Street to the Bike path the current construction costs have made that impossible without putting over \$50,000 of city funds into the project. The attached design documents show the current plans along Elm St between 3rd and the bike path. This sidewalk path was spray painted in early May for comments from the council.

Between 4th and the bike path the path is separated from the street. However, between 3rd & 4th there is curb, gutter and sidewalk designed. This was done for two reasons: to preserve the existing landscaping in this area and to avoid having children cross directly in front of a garage/business.

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS: Caselle # _____
Budget Line Item # _____ YTD Line Item Balance \$ _____
Estimated Hours Spent to Date: _____ Estimated Completion Date: _____
Staff Contact: Tom Hellen Phone # 788-9830 Ext 14
Comments:

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)
____ City Attorney ____ Clerk / Finance Director ____ Engineer ____ Building
____ Library ____ Planning ____ Fire Dept. ____
____ Safety Committee ____ P & Z Commission ____ Police ____
____ Streets ____ Public Works, Parks ____ Mayor ____

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

ADMINISTRATIVE COMMENTS/APPROVAL:

City Administrator _____ Dept. Head Attend Meeting (circle one) Yes No

ACTION OF THE CITY COUNCIL:

Date _____

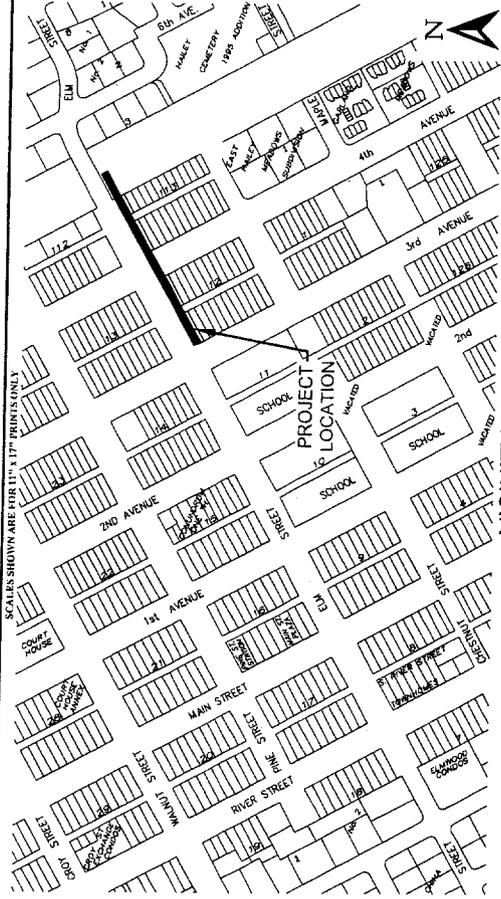
- GENERAL CONSTRUCTION NOTES**
1. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE CITY OF HAILEY STANDARDS.
 2. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH RESULT FROM HIS FAILURE TO ACCURATELY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES. CONTRACTOR SHALL CALL DIGLINE (1-800-342-1985) TO LOCATE ALL EXISTING UNDERGROUND UTILITIES.
 3. THE CONTRACTOR SHALL CLEAN UP THE SITE AFTER CONSTRUCTION SO THAT IT IS IN A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION.
 4. THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN ALL THE NECESSARY PERMITS PRIOR TO CONSTRUCTION IF NOT ALREADY OBTAINED BY THE OWNER, AND SHALL CHECK WITH THE CITY OF HAILEY FOR PERMITS THE OWNER MAY ALREADY HAVE OBTAINED.

ROAD CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CITY OF HAILEY STANDARDS AND COORDINATED WITH AND INSPECTED BY THE CITY OF HAILEY STANDARDS.
2. ALL CLEARING & GRUBBING SHALL CONFORM TO CITY OF HAILEY STANDARDS.
3. ALL EXCAVATION & EMBANKMENT SHALL CONFORM TO CITY OF HAILEY STANDARDS. EXCAVATED SUBGRADE SHALL BE ROLLED AND ALL UNSUBGRADE SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL AS DETERMINED BY THE CITY OF HAILEY. MINIMUM LABORATORY DENSITY OF PLACED MATERIAL SHALL BE 95% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY CITY OF HAILEY STANDARDS.
4. ALL 2" MINUS PIT-RUN GRAVEL SHALL CONFORM AND BE PLACED IN CONFORMANCE WITH CITY OF HAILEY STANDARDS. MINIMUM COMPACTION OF PLACED MATERIAL SHALL BE 95% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY CITY OF HAILEY STANDARDS.
5. ALL 3/4" MINUS CUSHIONED GRAVEL SHALL BE PLACED IN CONFORMANCE WITH CITY OF HAILEY STANDARDS.
6. ALL EDGES OF EXISTING ASPHALT PAVING SHALL BE SAW CUT A MINIMUM OF 24" TO PROVIDE A CLEAN PAVEMENT EDGE FOR MATCHING. NO WHEEL CUTTING SHALL BE ALLOWED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TRAFFIC CONTROL REQUIRED WHILE WORKING WITHIN THE PUBLIC RIGHTS-OF-WAY.
8. ALL CONCRETE FORM WORK SHALL CONFORM TO CITY OF HAILEY STANDARDS.

SHEET INDEX

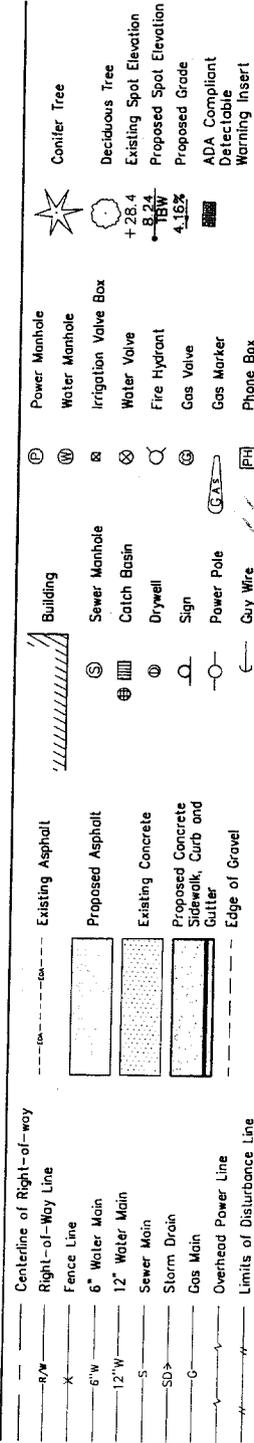
1. TITLE SHEET
2. GRADING PLAN 3RD AVE. TO 4TH AVE.
3. GRADING PLAN 4TH AVE. TO BIKE PATH
- 4-5. DETAIL SHEETS



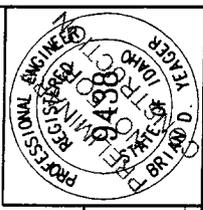
VICINITY MAP

Scale: N.T.S.

LEGEND



OWNER INFORMATION
 CITY OF HAILEY
 115 MAIN STREET SOUTH,
 SUITE H
 HAILEY, ID 83333
 PHONE: 208-788-4221
 FAX: 208-788-2924



TITLE SHEET
2008 ELM STREET IMPROVEMENTS
FROM MAIN STREET TO BIKE PATH
 PREPARED FOR THE CITY OF HAILEY

DESIGNED BY: 08/18/08
 CTD
 DRAWN BY: 08/18/08
 DATE
 CHECKED BY: 08/18/08
 DATE
 FIELD BOOK

REUSE OF DRAWINGS
 These drawings, or any portion thereof, shall not be used on any project or extensions of this Project without the written agreement in writing with Galena Engineering, Inc.,

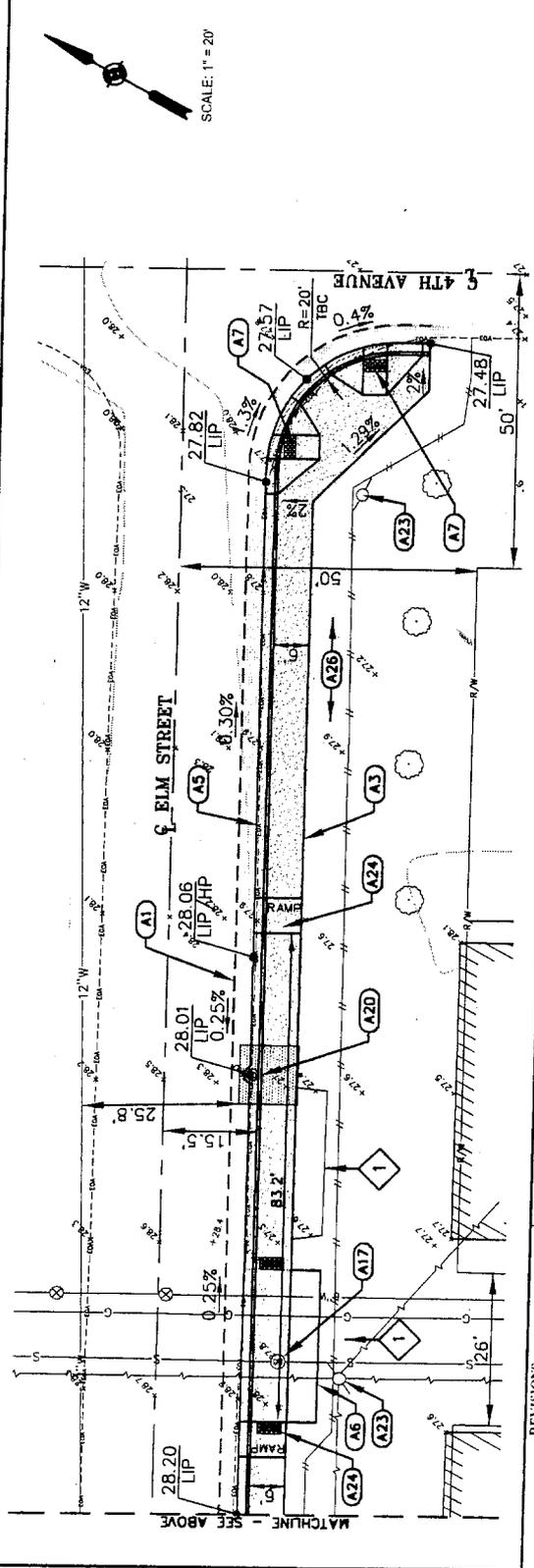
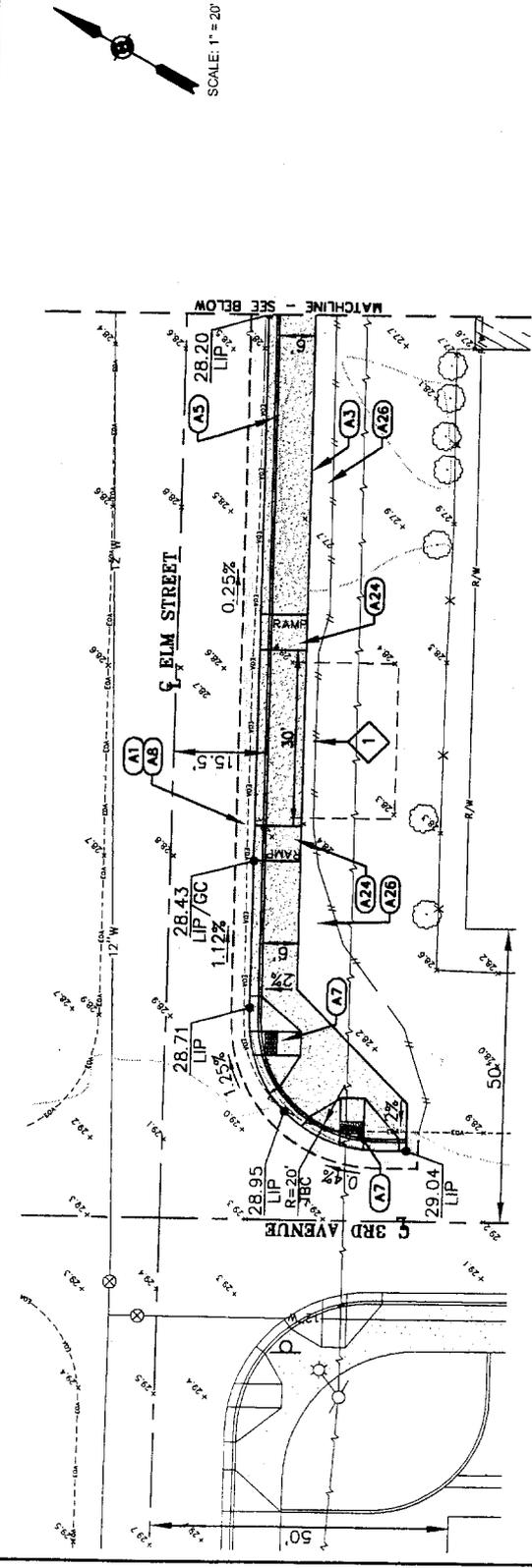
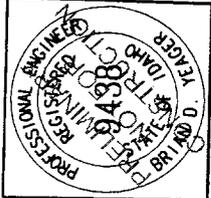
GALENA ENGINEERING, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 317 N. River Street
 Hailey, Idaho 83333
 (208) 788-4812
 (208) 788-4812 fax
 email: galena@galena-engineering.com

NO.	DATE	BY	DESCRIPTION

SCALES SHOWN ARE FOR 11" x 17" PRINTS ONLY.

- (A1) SAWCUT A MINIMUM OF 36" OF EXISTING ASPHALT TO PROVIDE FOR A CLEAN VEHICLE EDGE
- (A3) CONSTRUCT 6" WIDE CONCRETE SIDEWALK
- (A5) CONSTRUCT 6" VERTICAL CONCRETE CURB AND GUTTER
- (A6) CONSTRUCT ASPHALT DRIVEWAY APPROACH (28' x 5')
- (A7) CONSTRUCT ADA COMPLIANT PEDESTRIAN RAMP
- (A8) CONSTRUCT ASPHALTIC CONCRETE PAVEMENT REPAIR.
- (A17) ADJUST SEWER MANHOLE RIM. ELEV = 28.20
- (A20) CONSTRUCT HAILEY STANDARD CONCRETE COLLAR
- (A23) INSTALL DRYWELL
- (A24) RETAIN AND PROTECT UTILITY POLE
- (A26) CONSTRUCT ADA COMPLIANT RAMP (SEE DETAIL SHEET, PAGE 6)
- (A28) REVEGETATE DISTURBED AREA

1 REGRADE AS NECESSARY TO PROVIDE FOR A SMOOTH TRANSITION



REVISIONS	
NO.	DESCRIPTION

GALENA ENGINEERS, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 817 N. Idaho
 Hailey, Idaho 83433
 (208) 788-1705
 (208) 788-4612 fax
 email galena@galena-engineering.com

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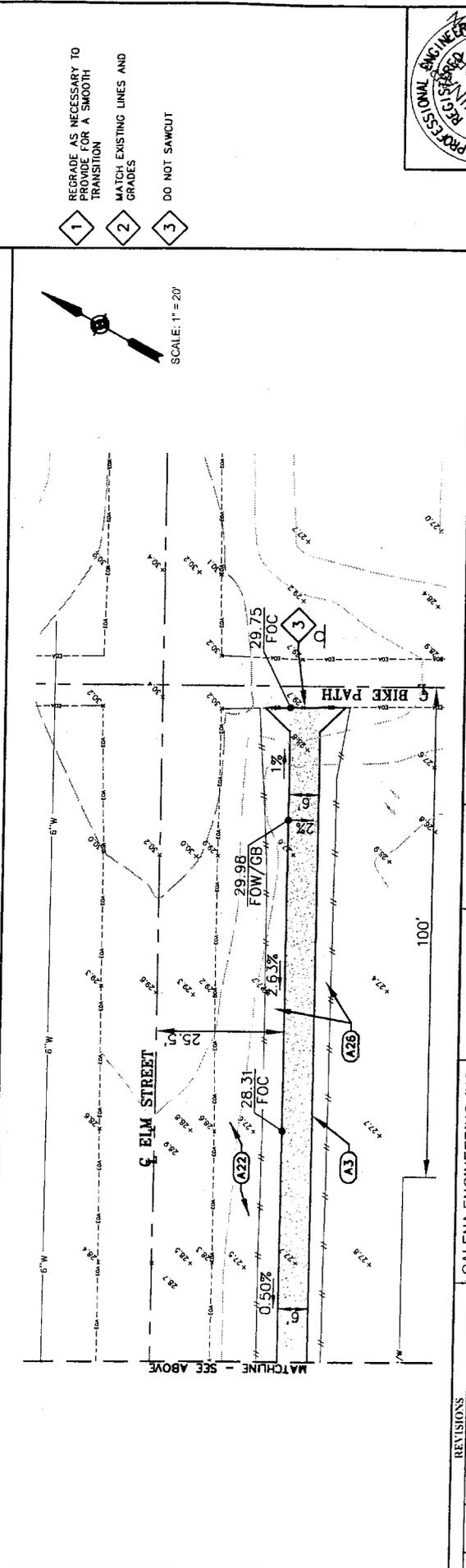
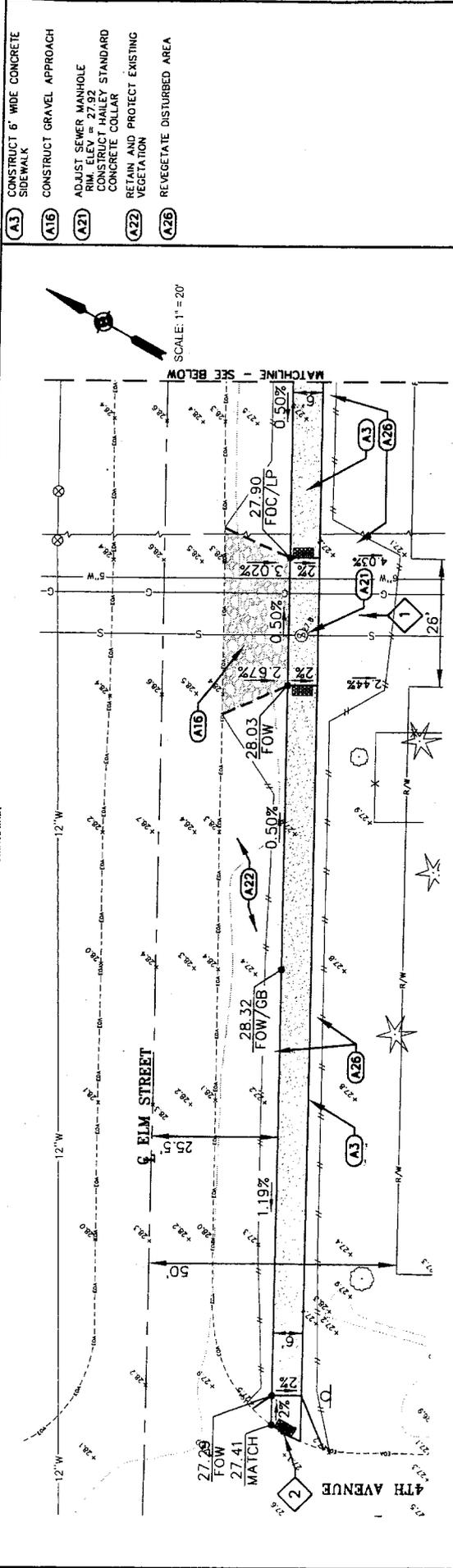
DESIGNED BY	08/14/08
C.D.	08/18/08
DRAWN BY	DATE
CHECKED BY	08/18/08
DATE	DATE
FIELD BOOK	

2008 ELM STREET IMPROVEMENTS FROM 3rd AVENUE TO 4th AVENUE
 PREPARED FOR THE CITY OF HAILEY

PROJECT INFORMATION: P:\adhp\08\0808\080808\080808.dwg Construction\080808.dwg
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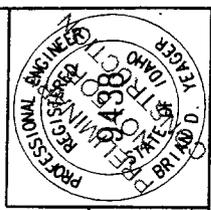
SHEET 1 OF 5

SCALES SHOWN ARE FOR 11" x 17" PRINTS ONLY



- A3** CONSTRUCT 6' WIDE CONCRETE SIDEWALK
- A16** CONSTRUCT GRAVEL APPROACH
- A21** ADJUST SEWER MANHOLE RIM. ELEV. = 27.92 CONSTRUCT HAILEY STANDARD CONCRETE COLLAR
- A22** RETAIN AND PROTECT EXISTING VEGETATION
- A26** REVEGETATE DISTURBED AREA

- 1** REGRADE AS NECESSARY TO PROVIDE FOR A SMOOTH TRANSITION
- 2** MATCH EXISTING LINES AND GRADES
- 3** DO NOT SAWCUT



GRADING PLAN
2008 ELM STREET IMPROVEMENTS
FROM 4th AVENUE TO BIKE PATH
 PREPARED FOR THE CITY OF HAILEY

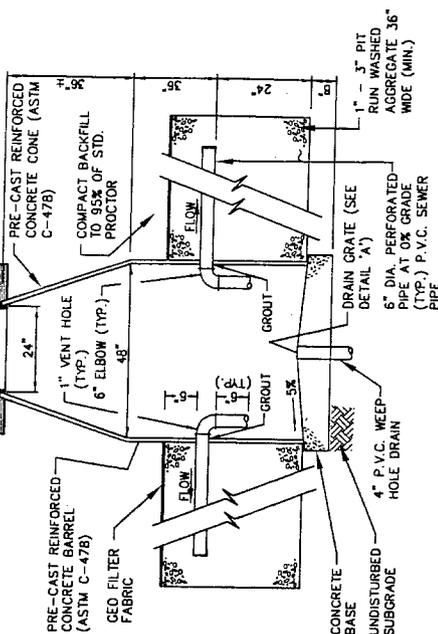
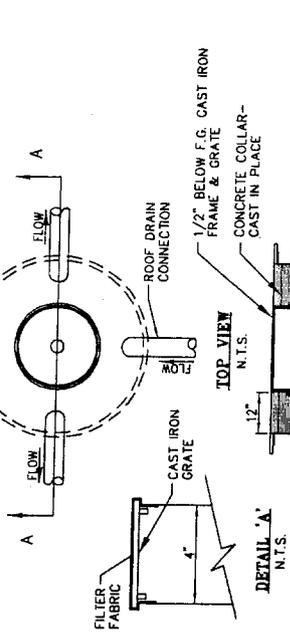
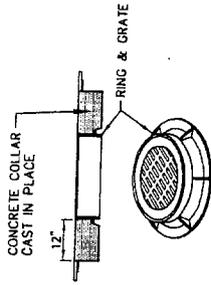
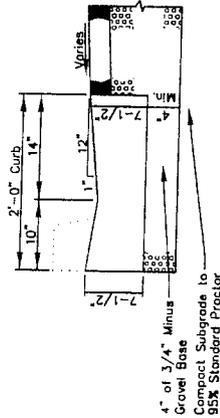
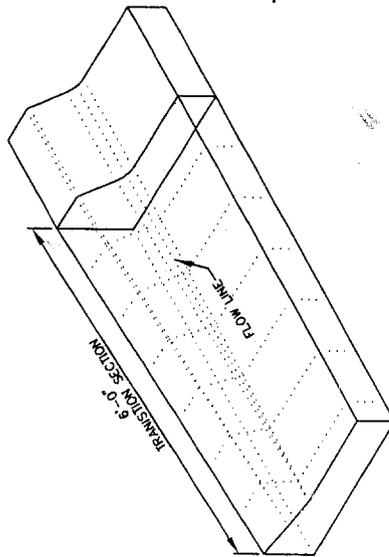
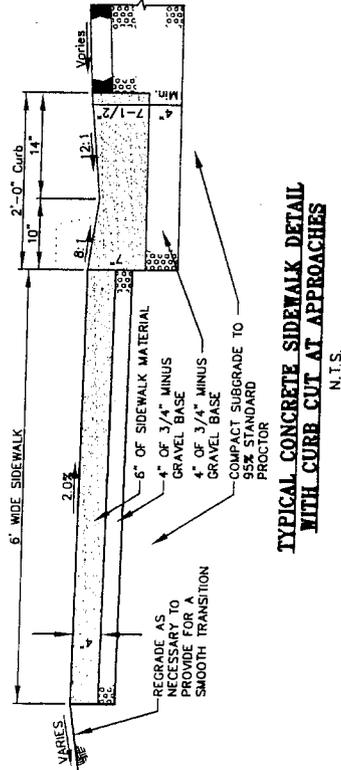
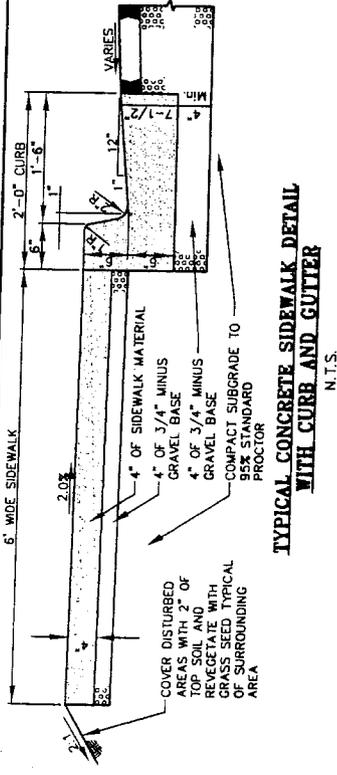
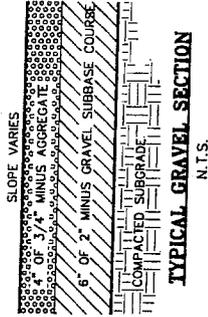
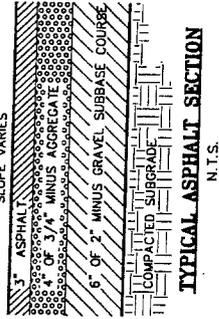
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 SHEET 3 OF 5

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 Hailey, Idaho 83333
 (208) 788-1705
 email: galena@galena-engineering.com

NO.	DATE	BY	DESCRIPTION

SCALE SHOWN ARE 1/8"=1'-0" PRINTS ONLY

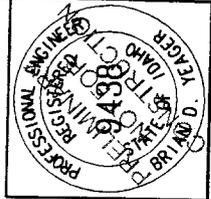


NOTES

1. THIS DESIGN ACCOMMODATES A RUN-OFF FROM A 1"/HOUR, 25 YEAR STORM.
2. SOIL INFILTRATION IS 3"/MIN./S.F.

DRYWELL DETAIL

N.T.S.



2008 ELM STREET IMPROVEMENTS FROM RIVER STREET TO BIKE PATH
PREPARED FOR THE CITY OF HAILEY

DETAIL SHEET

PROJECT INFORMATION: P:\askp\616481\askp\Construction\6481\askp\081808-3.dwg to BP.dwg 8/17/2008 10:48:12 AM WDT

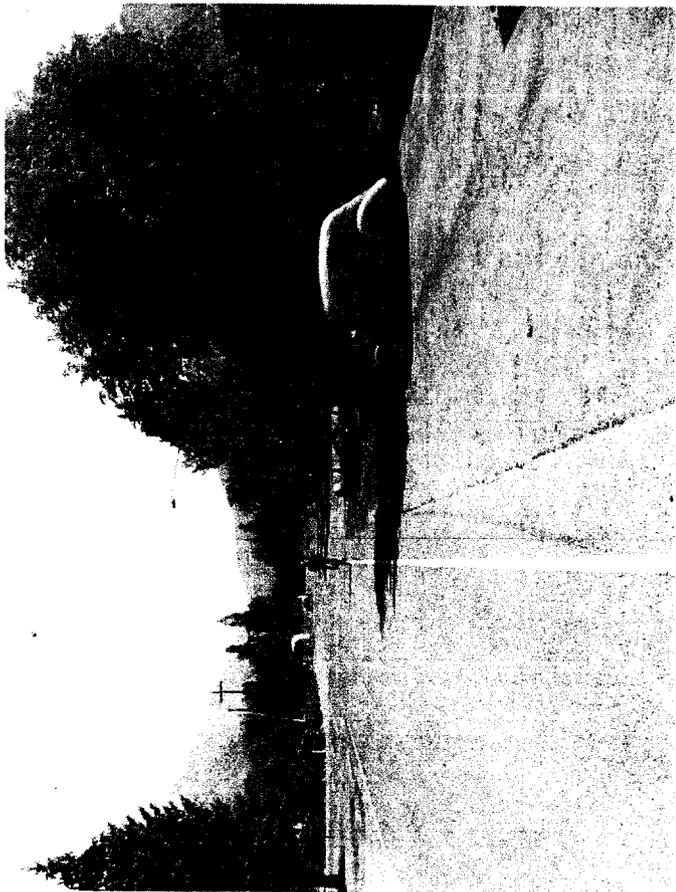
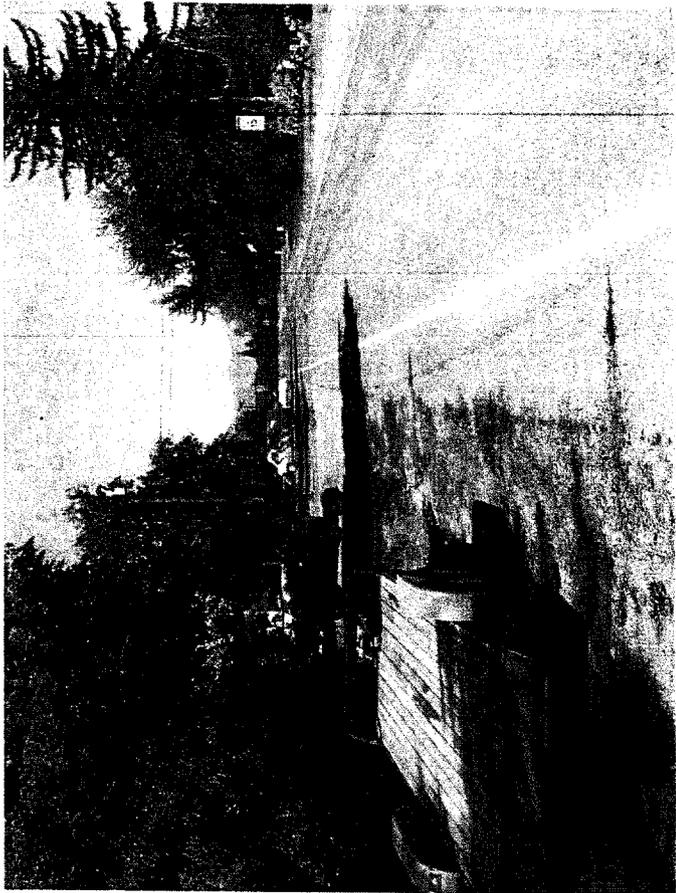
SHEET 5 OF 5

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
FIELD BOOK	

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Hailey, Idaho 83433
(208) 788-1705
(208) 788-4612 fax
email galena@galena-engineering.com

NO.	DATE	BY	DESCRIPTION





CITY OF HAILEY CODE ENFORCEMENT POLICY

GOALS

The goals of the City of Hailey Code Enforcement Policy are to help create a sense of community by communicating, through each opportunity created by citizens' non-compliance with the ordinances and policies of the City of Hailey and the laws of the State of Idaho, the mission, reason and community welfare associated with such ordinances, policies, and laws.

Furthermore, the Code Enforcement Policy aspires to increase awareness among all city staff of the ordinances and policies of the city as a whole, increasing efficiency as each field staff member becomes more aware of and communicates to the proper city official code violations.

The Code Enforcement Policy intends to create a consistent level of response and follow-up from all departments dealing with complaints about code violations or in bringing violations into compliance with Hailey ordinances and policies.

POLICY

The following steps shall be taken when a violation of city ordinance or state law is observed by any city employee, or reported to any city employee by a member of the public:

- A. The employee observing or receiving information about the code violation will report the alleged violation to the city department(s) most familiar with the code in question.
- B. The department shall make a site visit and determine the nature of the violation.
- C. If the alleged violation is deemed, in fact, to be a violation, the department shall communicate verbally, whenever possible, with the person responsible for the violation, about the violation, explaining its nature and requesting that the violation be corrected.
 1. The verbal communication shall be followed by a written communication, informing the person responsible for the violation, in a communicative, friendly, non-regulatory manner the nature of the violation and requesting that the violation be corrected.
 2. The department shall schedule a site visit 15 days after the written communication to assess whether the violation has been corrected.
 3. If not corrected, a second letter shall be sent communicating the necessity of correcting the violation, and setting a date by which that correction should occur.

4. The department shall schedule a site visit the day following the date indicated in the correspondence, and assess whether the violation has been corrected.
 5. If not corrected, a third letter shall be sent communicating the penalties which shall occur should the violation fail to be corrected by a date set within the letter.
 6. The department shall schedule a site visit the day following the date indicated in the correspondence, and assess whether the violation has been corrected.
 7. If not corrected, the department shall submit copies of all correspondence related to the violation to the city administrator.
 8. The city administrator shall communicate, first verbally, then by written correspondence informative in tone, followed by a second written correspondence delivered by the Hailey Police Department, informing the person responsible for the violation that the matter shall be turned over to the city's misdemeanor attorney for prosecution should the violation continue beyond a date established in the letter.
 9. If not corrected following the city administrator's correspondence, the person responsible for the violation shall be cited with a misdemeanor citation, and prosecuted by the attorney contracted with for prosecution of misdemeanors.
 10. Should the prosecution result in a judgment unsatisfactory to the city, the department and misdemeanor attorney shall communicate to the city attorney the limits and shortfalls of Hailey's ordinances or practices, and determine amendments which to Hailey's ordinances and policies to be brought before the city council for consideration and possible adoption.
- D. If the alleged violation is deemed, in fact, not to be a violation, the department shall immediately communicate to the person reporting the violation the reason it was not deemed to be a violation.

PRIORITY

Departments shall evaluate the time frames for enforcement based on the following priorities and guidelines:

- A. If the violation creates a life-safety hazard or condition, enforcement correspondence shall be immediate, with time frames suitable to the level of correction required, and of suitable urgency to encourage immediate correction by the person responsible for the violation.
- B. If the violation creates a nuisance or disturbs the peace, it shall be addressed as immediately as the department is able, without unnecessary disruption of the departments' work plan.
- C. If the violation decreases the property value of others, it shall be handled in the order and manner best able by a department juggling multiple priorities and diverse work plans.