January 7, 2026
File No. 07222003.00

Ms. Tamara Welty
Periodic Reviewer & Site Manager
Washington Department of Ecology – Toxics Cleanup Program
Northwest Regional Office
3190 160th Avenue Southeast
Bellevue, WA 98008

Subject: Work Plan for Repairs to the Landfill Gas Migration Control System at the Eastgate Landfill, Bellevue, Washington

Dear Ms. Welty

The City of Bellevue is seeking the Department of Ecology (Ecology) review and approval for repair work to the landfill gas (LFG) migration control system at the former Eastgate Landfill, subject to a 2008 Environmental Covenant.

Landfill settlement around condensate drain trap CT-1 caused a break in the pipe connection to the trap causing a decrease in vacuum to the extraction wells. Due to the nature and location of the break in the pipe, repair of the LFG system in the area involves replacement of the existing condensate drain trap CT-1 with a new condensate pump station. This work will also include joining the interior gas lateral "B" pipe to the perimeter gas header pipe, on both sides of the new condensate pump station, to simplify the connection to the new condensate pump station.

SCS Engineers (SCS) has developed the following work plan to repair the LFG system at the former Eastgate Landfill:

1. The LFG migration control system repair project is planned to start in January, once all permits and notifications are completed.
2. Note that currently there are no plans to change the property use and features for the next several years and the proposed work does not clean up any additional contamination.
3. Secure permit authorization, including notification to proper parties: Public Health - Seattle and King County, Advanta, Boeing, Microsoft, Ecology, and the City of Bellevue.
4. Secure the work area with the installation of temporary fence to encompass the entire work area and prevent unauthorized entry.
5. Install temporary erosion and sediment control (TESC) features. Construction activities located near any surface water features will be separated by silt fence and or other appropriate erosion and sediment control devices.
6. Locate the existing utilities in the vicinity of the proposed work area.
7. Excavate trenches for pipe and condensate pump station including:

a. up to about 14 feet deep to remove the existing condensate trap CT-1 and install the new condensate pump station CT-1R.

b. up to about 5 to 9 feet deep to install fittings and pipe to connect the interior gas lateral pipe "B" to the perimeter gas header pipe.

8. Both excavation activities described above will include the following:

    a. Remove the top layer of the final cover system soils and set aside for backfill. Excavate a trench to required depth and grade.

    b. Evaluated material removed by SCS for the presence of refuse.

    c. Place contaminated material in a large waste container (e.g., 10 to 20-yard container) including any refuse encountered and soils within three feet of encountered refuse.

    d. Backfill the void created from the removal of this material with clean soil.

    e. Sample and analyze the soil/waste/refuse to profile for disposal as mixed municipal solid waste (MSW), if needed.

    f. Dispose the waste at an authorized/regulated MSW disposal facility.

    g. Manage waste to prevent generation of leachate by loading directly into a container and covering it with a tarp during periods of precipitation.

9. Groundwater is not anticipated to be encountered during the construction activities associated with the LFG migration control system.

10. Worker safety:

    a. SCS has a comprehensive Health and Safety program that provides the framework and requirements for the development of a site-specific health and safety plan for this project that includes job task safety analyses (JTSA's) for the work being performed during this repair project.

    b. The work zone will be monitored periodically with a photo ionization detector (PID) to check for volatile organic compounds (VOCs) during construction activities. Each worker will use a personal 4-gas meter when working in and around the excavated trenches.

    c. The LFG system will continue to operate each day during construction, except for the pipe segment along the north perimeter gas header pipe.

    d. Each segment of LFG conveyance pipe will be activated as soon as possible after the segment is completed.

11. Installation of pipe, including:

    a. Removal and disposal of the existing condensate trap (CT-1).

    b. Installation of a new condensate pump station (CT-1R).

    c. Connection of the existing interior gas lateral "B" to the perimeter gas header pipe.

    d. Decommission the abandoned segment of HDPE pipe for interior gas lateral "B" by cutting pipe and fusing on HDPE caps at both ends.

12. Survey and record the elevations and grades of the pipe and condensate pump station.

13. Backfill pipe trenches and compact in lifts.
14. Restoration of the final cover system will include stockpiling usable material from the excavation and importing additional soil if needed to bring the finished surface to the level encountered prior to initiating the work.
15. The top layer of the pipe trench will consist of topsoil material to aid in surface restoration of vegetation. The thickness of the topsoil will match the surrounding topsoil or 6 inches, whichever is less.
16. Restore area to grade and cover all disturbed areas with City of Bellevue standard seed mix and cover with straw mulch.
17. Installation of a pump at the condensate pump station including:
    a. Air supply valve train.
    b. Condensate discharge valve train.
    c. Pneumatic pump and associated hoses and fittings.
18. Provide a summary report for Ecology upon completion of construction repair project.

SCS appreciates the opportunity to have this plan reviewed for this City of Bellevue, Eastgate Landfill LFG system repair project. Upon review of the enclosed information, please contact Stephen Harquail at (503) 867-2369 or Ted Massart (425) 864-2146 if you have any questions or comments.

Sincerely,

Stephen Harquail
Project Manager
SCS Field Services

Ted Massart
Sr. Project Engineer
SCS Engineers

cc: Mark Schwisow – City of Bellevue
Tony Svorinich – SCS Field Services
Greg Helland – SCS Engineers
Thomas Hanrahan – SCS Engineers
John Richards – SCS Engineers

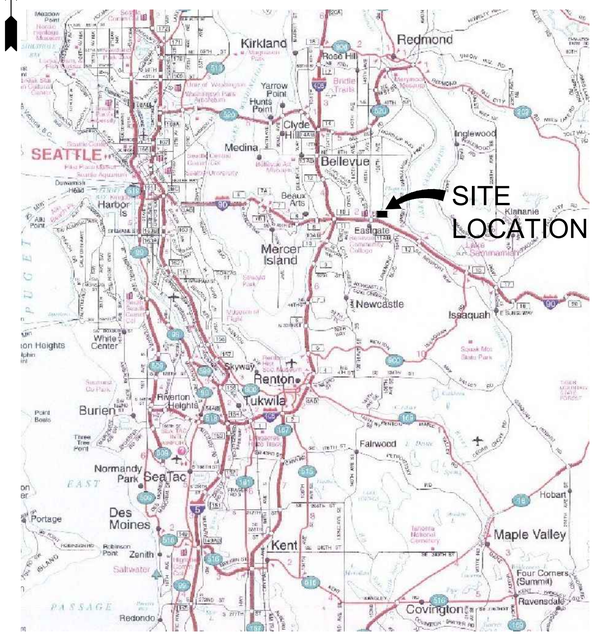
Attachments:

Drawings – Landfill Gas Control System Modifications, Eastgate Landfill, January 7, 2026, SCS Engineers

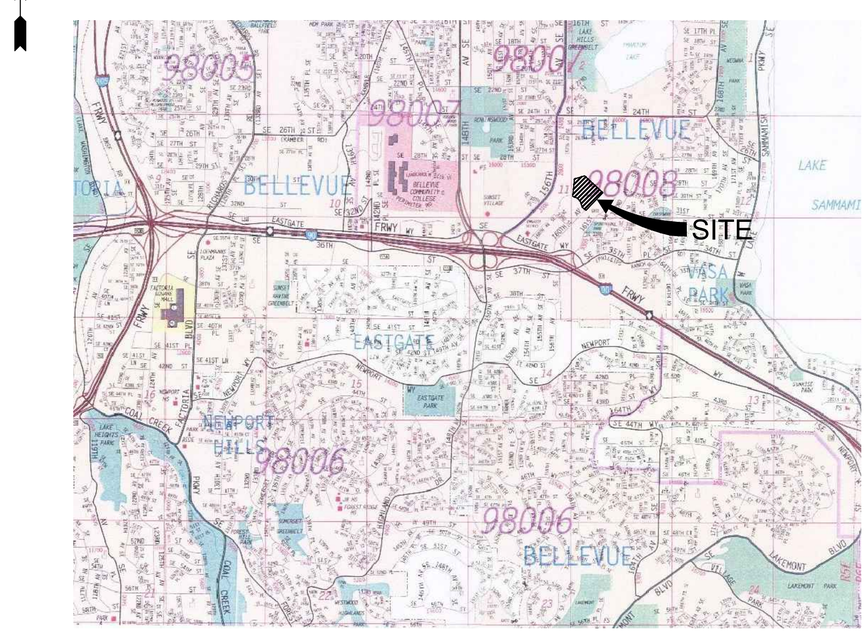
LANDFILL GAS CONTROL SYSTEM
REPAIRS
EASTGATE LANDFILL

CITY OF BELLEVUE WASHINGTON

LOCATION MAP



VICINITY MAP



DRAWING INDEX

G1	COVER SHEET
C1	EXISTING LFG CONTROL SYSTEM
C2	GAS EXTRACTION NETWORK AND PIPING PLAN
C3	GAS HEADER PIPE PLAN AND PROFILE
C4	CONDENSATE PUMP STATION DETAILS AND SECTION
C5	CONDENSATE PUMP STATION SECTION
C6	CONDENSATE PUMP STATION DETAILS
C7	GAS AND CONDENSATE CONVEYANCE PIPE DETAILS
1	REFERENCE DRAWING (TOPOGRAPHIC SURVEY)
2	REFERENCE DRAWING (TOPOGRAPHIC SURVEY)

NOT FOR CONSTRUCTION

J. M. RICHARDS STATE OF WASHINGTON 22400 REGISTERED PROFESSIONAL ENGINEER

NO.	REVISION	DATE
A	ISSUED FOR CLIENT REVIEW	11/21/2025
B	ISSUED FOR CLIENT REVIEW	12/15/2025

SHEET TITLE: COVER SHEET

PROJECT TITLE: LANDFILL GAS CONTROL SYSTEM REPAIRS EASTGATE LANDFILL

CITY OF BELLEVUE WASHINGTON

SCS ENGINEERS
Environmental Consultants and Contractors
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(425) 746-4600 FAX (503) 684-6948

PROJ. NO.	07222003.00	DWN. BY:	LEL
DSN. BY:	TAM	CHK. BY:	TAM
ACAD FILE: G1.DWG		APP. BY:	JMR

DATE: DECEMBER 2025

SCALE: AS SHOWN

DRAWING NO. G1

LEGEND

MW-8	MONITORING WELL (GAS PROBE)
EW-8	LANDFILL GAS EXTRACTION WELL
CT-8	CONDENSATE DRAIN TRAP, SEE NOTE 6
CO-9	CLEANOUT ACCESS PORT
CO-6	CLEANOUT ACCESS PORT WITH ISOLATION VALVE
IV-9	ISOLATION VALVE
6"	LFG PIPE HDPE SDR 11 WITH PIPE SIZE LABELED, SEE NOTE 7
	PIPE SIZE REDUCER

N 216,400
N 216,200
N 216,000
N 215,800

156TH AVENUE SE

160TH AVENUE SE

SE 30TH PLACE

APPROXIMATE LIMITS OF REFUSE (BASED ON 1986 DESIGN)

~ EXISTING EASTGATE LANDFILL ~ (CLOSED)

MW-8, MW-9, MW-10, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-2R, MW-3R2, MW-4R2, MW-5R, MW-6R

CT-1, CT-2, CT-3, CT-6R, CT-7, CT-8, CT-9, CT-10, CT-11, CT-12, CT-13

CO-1, CO-2, CO-3, CO-5R2, CO-6R, CO-7, CO-8, CO-9

EW-4R, EW-5R, EW-6, EW-7, EW-8, EW-9, EW-10, EW-11, EW-12, EW-13, EW-14, EW-15, EW-16, EW-17, EW-18, EW-19, EW-20, EW-21, EW-2R, EW-3R

8", 6", 4"

DENSE TREES

TREES

BLOWER STATION

UNDERGROUND STORMWATER DETENTION VAULT (TYP 4 PLACES)

INTERIOR GAS LATERAL "A" CONVEYANCE PIPE

INTERIOR GAS LATERAL "B" CONVEYANCE PIPE

ABANDON

PERIMETER GAS "HEADER" CONVEYANCE PIPE

SEE DRAWING C2

PROPERTY BOUNDARY

APPROXIMATE LIMITS OF REFUSE (BASED ON 2004 GEOPHYSICAL STUDY BY GOLDER ASSOCIATED)

E 1,320,000
E 1,320,300
E 1,320,600
E 1,321,000

NOTES:

1. SITE ADDRESS: 2997 160TH AVENUE SE, BELLEVUE, WA
   (CORNER OF SE 30TH PLACE AND 160TH AVENUE SE)
   SEE ATTACHED REFERENCE DRAWING "TOPOGRAPHIC SURVEY" FOR LEGAL DESCRIPTION.
2. LANDFILL IS SUBJECT TO RESTRICTIVE CONVENANT - KC 20081202001138.
3. WORK SHALL COMPLY WITH THE "ENVIRONMENTAL PROTECTION PLAN, FORMER EASTGATE LANDFILL", DECEMBER 15, 2025, BY SCS ENGINEERS.
4. EXISTING SITE BASE MAP IS A COMBINATION OF INFORMATION FROM THE FOLLOWING DRAWINGS.
   A. LFG MIGRATION CONTROL SYSTEM, BOEING - EASTGATE LANDFILL, RECORD DRAWINGS, CH2M HILL, 01-MAY-87.
   B. ALTA SURVEY, BOEING / I-90 BUSINESS PARK, HARTMAN & ASSOCIATES, 04-NOV-02.
   C. SITE PLAN FOR EASTGATE OFFICE DEVELOPMENT, MAGNUSSON KLEMENCIC ASSOCIATES, 10-MAY-06.
   D. LFG CONTROL SYSTEM MODIFICATIONS, EASTGATE LANDFILL, RECORD DRAWINGS, SCS ENGINEERS, 31-OCT-08.
   E. TOPOGRAPHIC SURVEY, EASTGATE LANDFILL PARK, PACE, 29-SEP-09 (SEE ATTACHED).
   F. LANDFILL GAS CONTROL SYSTEM MODIFICATIONS, EASTGATE LANDFILL, RECORD DRAWINGS, SCS ENGINEERS, 18-SEP-20.
5. CONDENSATE DRAIN TRAPS CT-1, CT-2, & CT-7 ARE CONNECTED TO BOTH PERIMETER GAS HEADER PIPE AND INTERIOR GAS LATERAL PIPES "A" & "B".
6. LOCATION / ALIGNMENT OF LFG PIPE IS APPROXIMATE, NO AS-BUILT SURVEY AVAILABLE.

GRAPHIC SCALE:
50 0 50 100
1" = 50'

NOT FOR CONSTRUCTION

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JOHN M. RICHARDS — STATE OF WASHINGTON — 22602 — REGISTERED PROFESSIONAL ENGINEER

SHEET TITLE: EXISTING LFG CONTROL SYSTEM

PROJECT TITLE: LANDFILL GAS CONTROL SYSTEM REPAIRS EASTGATE LANDFILL

BELLEVUE / NORTON / CITY OF / WASHINGTON

SCS ENGINEERS
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2405 140th Avenue NE, Suite 107
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ACAD FILE: C1.dwg	APP. BY: JMR
DWN. BY: LEL	CHK. BY: TAM
PROJ. NO. 07222003.00	DSN. BY: TAM

DATE: DECEMBER 2025

SCALE: AS SHOWN

DRAWING NO. C1

CITY OF BELLEVUE / PARKS
APN: 112405-9060-02

PERIMETER GAS HEADER CONVEYANCE PIPE

N88°37'24"W 377.97'

8"DIA. LID "MW-8"

6"DIA. BOLLARD "EL-102"

EW-10

TEMPORARY SILT FENCE

CT-10

CT-2

SDMH RIM=539.55
CL CHAN.(N,S)=499.45

YELLOW CARSONITE POST "HIGH VOLTAGE CABLES"

CT-1

CO-1

GRAVEL ROAD

TRAIL SYSTEM SIGN

TOP 1.4' X 2.2' VAULT=337.96
BOTTOM VAULT=335.21

TOP 2.9' X 5.4' VAULT=339.11
BOTTOM VAULT=336.91

1"X1" CONC. POST

GRAPHIC SCALE:
20 0 20 40
1" = 20'

WEST CONNECTION OF INTERIOR GAS LATERAL "B" TO PERIMETER GAS HEADER PIPE SEE DETAIL 1/C7 2/C7

POSSIBLE POWER MH'S NOT FOUND

DOGGY BAG STAND

ASSUMED LOCATION

DECOMMISION SEGMENT OF INTERIOR GAS LATERAL "B" BETWEEN CONNECTION POINTS SHOWN

SEE PROFILE -/C3

TOP 2.9' X 5.4' VAULT=347.53
BOTTOM VAULT=344.33

CO-7

EW-8

6"DIA. CONC. MONUMENT FLUSH WITH GROUND CABLE MARKER

YELLOW CARSONITE POST "HIGH VOLTAGE CABLES"

EAST CONNECTION OF INTERIOR GAS LATERAL "B" TO PERIMETER GAS HEADER PIPE SEE DETAIL 1/C7 3/C7

TEMPORARY CONSTRUCTION FENCE

GRAVEL

LIGHTING CONTROL CABINET

PATH

TOP 1.4' X 2.2' VAULT=344.63
BOTTOM VAULT=343.13

IE 8"CMP=338.99

TOP 2.7' X 4.2' VAULT=341.49
BOTTOM VAULT=338.79

EW-9

SEE PROFILE SD/C3

TOP 2.7' X 4.2' VAULT=345.51
BOTTOM VAULT=342.71

CT-7

DITCH

TEMPORARY SILT FENCE AROUND CATCH BASIN

CB RIM=334.42
IE 8"CMP(W)=332.22
IE 18"CMP(W)=331.72

EXISTING CONDENSATE TRAP TO BE REMOVED SEE DETAIL 4/C7

CT-13

REPLACE WITH CONDENSATE PUMP STATION SEE DETAIL 1/C4

TOP 1.4' X 2.2' VAULT=343.90
BOTTOM VAULT=342.40

SEE PROFILE -/C3

TOP 2" DIA. LID=336.05
BOTTOM VAULT=332.05

TOP 2.7' X 4.2' VAULT=337.19
BOTTOM VAULT=334.29

5"I.D. STEEL VENT

EW-20

TOP 2.7' X 4.2' VAULT=346.87
BOTTOM VAULT=344.07

EW-7

S01°25'22"W 304.00'

CONCRETE

CONC. CURB & GUTTER

CONC. WALK

CITY OF BELLEVUE / PARKS

PORTION OF PARCEL 5
COB BLA 02-149004LW
20030305900019
APN: 112405-9123-07

~ EXISTING EASTGATE LANDFILL ~
(CLOSED)

INTERIOR GAS LATERAL "A" CONVEYANCE PIPE

TOP 2.7' X 4.2' VAULT=344.57
BOTTOM VAULT=342.07

N 216,000

EW-21

TOP 2.4' X 5.4' VAULT=338.18
BOTTOM VAULT=334.78

CO-8

CT-9

TOP 1.4' X 2.2' VAULT=345.79
BOTTOM VAULT=344.84

APPROXIMATE LIMITS OF REFUSE (BASED ON 1986 DESIGN)

TOP 1.4' X 2.2' VAULT=346.85
BOTTOM VAULT=345.85

TOP 2.4' X 4' VAULT=346.58
BOTTOM VAULT=342.98

CT-12

EW-6

PERIMETER GAS HEADER CONVEYANCE PIPE

TOP 3' X 3' VAULT=347.24
BOTTOM VAULT=343.74

CO-6R

~ ABANDONED HELICOPTER PAD ~

CT-8

TOP 1.4' X 2.2' VAULT=339.82
BOTTOM VAULT=338.42

"IRR" CONTROL VALVES

3"DIA. PVC CONDUIT UP 0.5'

"IRR"CABINET

S49°29'13"E 25.31'

N84°57'18"E 6.04'

R=350.00'
Δ=52°14'18"
L=319.11'

TOP 2" X 2.9' VAULT=347.17
BOTTOM VAULT=344.17

TOP 3' X 3' VAULT=345.34
BOTTOM VAULT=341.64

CO-9

EW-5R

INTERIOR GAS LATERAL "B" CONVEYANCE PIPE

AIR SUPPLY CONNECTION

TOP 2" X 2.9' VAULT=345.88
BOTTOM VAULT=343.00

CONDENSATE PUMP STATION

CT-6R

SDMH RIM=344.56
IE CL CHAN.(N,S)=302.66

EW-19

TOP 2' DIAL PLASTIC LID=340.36
BOTTOM VAULT=336.86

TOP 2.7' X 4.2' VAULT=340.09
BOTTOM VAULT=337.29

CB RIM=342.14
IE 12"CMP(E)=337.04

LIGHTED METAL SIGN

NOTES:

1. SEE NOTES ON DRAWING C1.
2. TOPOGRAPHIC BASE MAP PREPARED BY PACE SURVEYING 29-SEP-09.
3. INSTALL CONSTRUCTION FENCE AROUND ENTIRE WORK AREA.
4. INSTALL SILT FENCE AROUND STORMWATER CATCH BASIN. THE INSTALLATION AND LOCATION OF STRAW WADDLES WILL BE DETERMINED AS NEEDED.
5. RESTORE DISTURBED SURFACE WITH ROUGH GRADING, GRASS SEED, AND STRAW MULCH.
6. ALL GAS PIPE SHALL BE HDPE SDR 17.0 UNLESS NOTED OTHERWISE.

NOT FOR CONSTRUCTION

M. RICHARD'S SAVAS WHITE — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

NO.	REVISION	DATE
A	ISSUED FOR CLIENT REVIEW	11/21/2025
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SHEET TITLE: GAS EXTRACTION NETWORK AND PIPING PLAN

PROJECT TITLE: LANDFILL GAS CONTROL SYSTEM REPAIRS EASTGATE LANDFILL

BELLEVUE | CITY OF WASHINGTON

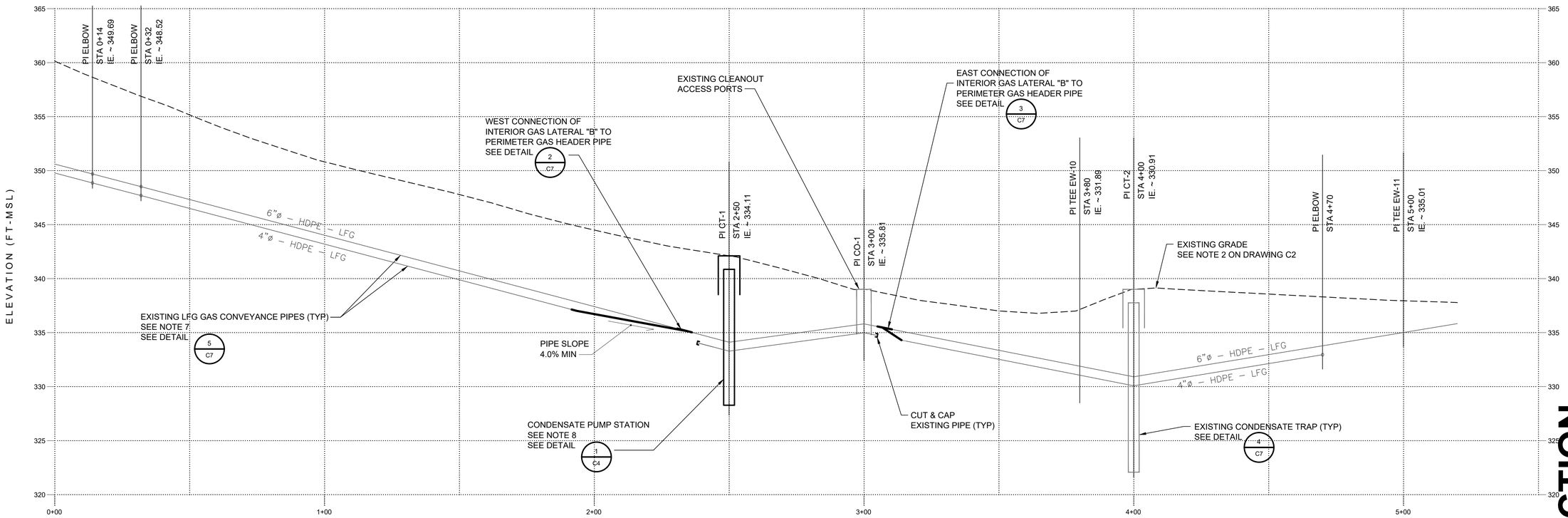
SCS ENGINEERS
Environmental Consultants and Contractors
2405 140th Avenue NE, Suite 107
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PROJ. NO.	07222803.00
DSN BY:	TAM
DWN. BY:	LEL
CHK. BY:	TAM
APP. BY:	JMR
ACAD FILE:	C2.dwg

DATE: DECEMBER 2025

SCALE: AS SHOWN

DRAWING NO. C2



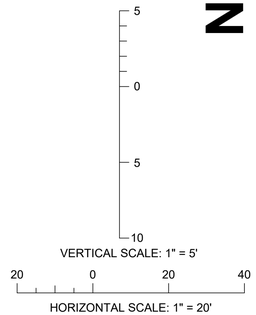
GAS HEADER PIPE PROFILE

SCALE: HORIZ 1" = 20'
VERT 1" = 5'

NOTES:

1. SEE NOTES ON DRAWING C1.
2. ALL GAS PIPE SHALL BE HDPE SDR 17.0 UNLESS NOTED OTHERWISE.
3. SET ASIDE TOP 3 FEET OF SOIL FOR FINAL BACKFILL AND COVER SOIL RESTORATION.
4. PROVIDE SHORING, BENCHING, AND/OR SLOPING FOR EXCAVATION DEEPER THAN 4 FEET IN COMPLIANCE WITH APPLICABLE REGULATIONS.
5. REFUSE ENCOUNTERED DURING EXCAVATION SHALL BE PLACED IN A CONTAINED AREA FOR SAMPLING AND ANALYSIS.
6. REFUSE SHALL BE HAULED OFF SITE TO AN APPROVED DISPOSAL FACILITY.
7. DEPTH OF PIPES IS APPROXIMATE. FIELD VERIFY DEPTH AT CONNECTION POINTS.
8. CONDENSATE PUMP STATION AS SHOWN AFTER REMOVAL OF EXISTING CONDENSATE DRAIN TRAP PER DETAIL 4, DRAWING C7.

GRAPHIC SCALE:



NOT FOR CONSTRUCTION

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SHEET TITLE: GAS AND CONDENSATE CONVEYANCE PIPE PROFILE

PROJECT TITLE: LANDFILL GAS CONTROL SYSTEM REPAIRS EASTGATE LANDFILL

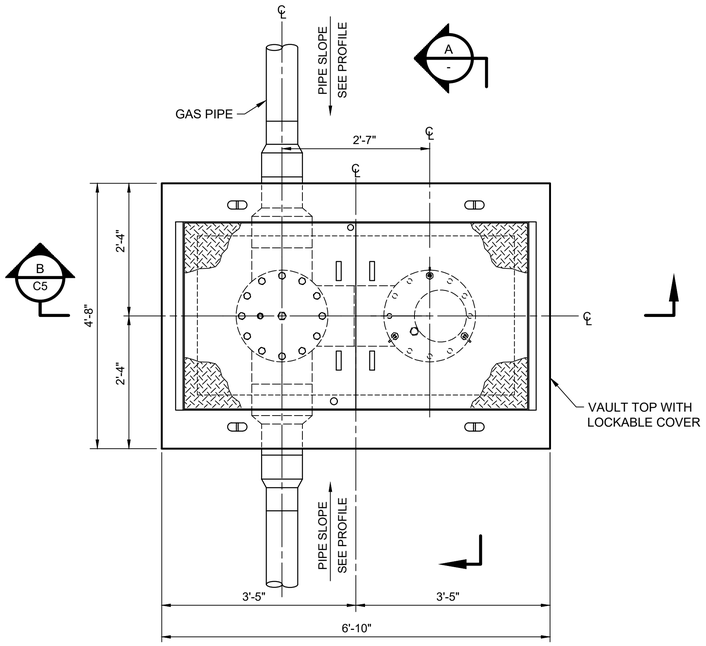
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ACAD FILE: C3.dwg	APP. BY: JMR
DWN. BY: LEL	CHK. BY: TAM
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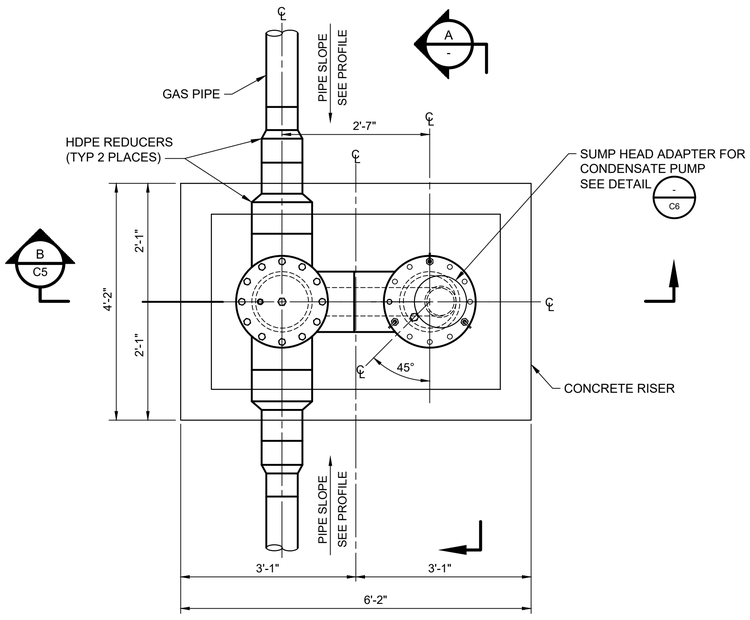
DATE: DECEMBER 2025

SCALE: AS SHOWN

DRAWING NO. C3



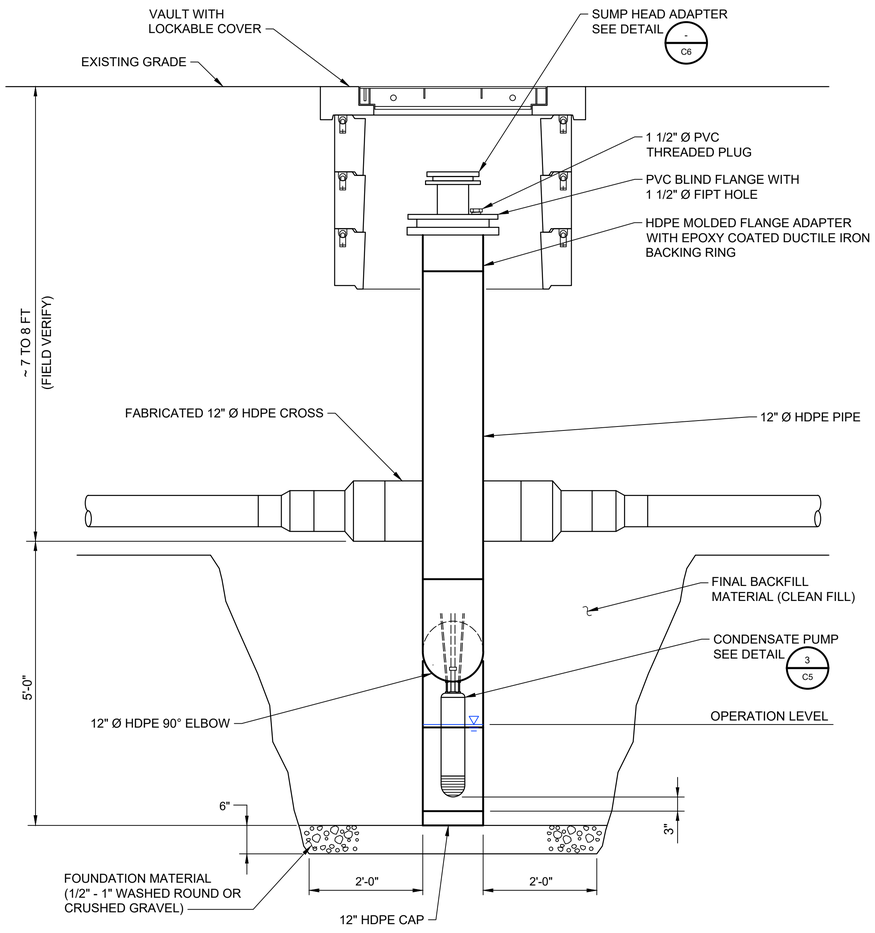
TOP PLAN



PLAN

CONDENSATE PUMP STATION

DETAIL 1 / - (SCALE: NTS)



SECTION A / - (SCALE: NTS)

NOTES:

1. ALL PIPE SHALL BE HDPE SDR 17.0 UNLESS NOTED OTHERWISE.
2. HDPE PIPE JOINT SHALL BE THERMAL BUTT FUSION WELDED UNLESS NOTED OTHERWISE. ELECTRO-FUSION FITTINGS & FLANGES ARE NOT ALLOWED UNLESS NOTED OTHERWISE OR AUTHORIZED BY OWNER.
3. DEPTH OF PIPE VARIES, SEE PROFILE DRAWINGS. MINIMUM SOIL COVER OVER TOP OF PIPE 600 mm (2'-0").
4. REFUSED ENCOUNTERED DURING EXCAVATION SHALL BE PLACED IN A CONTAINER AND DISPOSED OF OFFSITE AT AN APPROVED / REGULATED DISPOSAL FACILITY. ANY EXPOSED REFUSE SHALL BE COVERED DAILY WITH SOIL OR PLASTIC TARPS.
5. SEGRAGATE, PROTECT AND PRESERVE EXISTING FINAL COVER SOIL DURING EXCAVATION PROCESS RE-USE EXISTING FINAL COVER SOIL FOR TOP LAYER OF FINAL BACKFILL MATERIAL. IMPORT AND INSTALL ADDITIONAL FINAL COVER SOIL AS NECESSARY FOR LOST VOLUME FROM EXCAVATION PROCESS.
6. DO NOT INSTALL EMBEDMENT MATERIAL OVER PIPE UNTIL PIPE GRADE HAS BEEN VERIFIED AND SURVEYED (BY THE CONTRACTOR) AND INSPECTED BY THE ENGINEER.
7. SURVEY PIPE IMMEDIATELY PRIOR TO, AND/OR DURING THE BACKFILLING PROCESS SO THE PIPE IS "PINNED" TO PREVENT MOVEMENT DURING AND AFTER SURVEY.
8. IMPORT AND INSTALL FINAL BACKFILL MATERIAL AS NECESSARY FOR LOST VOLUME FROM REMOVED MATERIAL (REFUSE AND CONTAMINATED MATERIAL).
9. PLACE AND INSTALL EMBEDMENT MATERIAL AND FINAL BACKFILL MATERIAL IN 8 TO 12 INCH LAYERS (LIFTS). COMPACT EACH LIFT OF EMBEDMENT / BACKFILL MATERIAL PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS OF MATERIAL. COMPACT WITH EQUIPMENT APPROVED BY THE ENGINEER.

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SHEET TITLE: CONDENSATE PUMP STATION DETAILS AND SECTION

PROJECT TITLE: LANDFILL GAS CONTROL SYSTEM REPAIRS EASTGATE LANDFILL

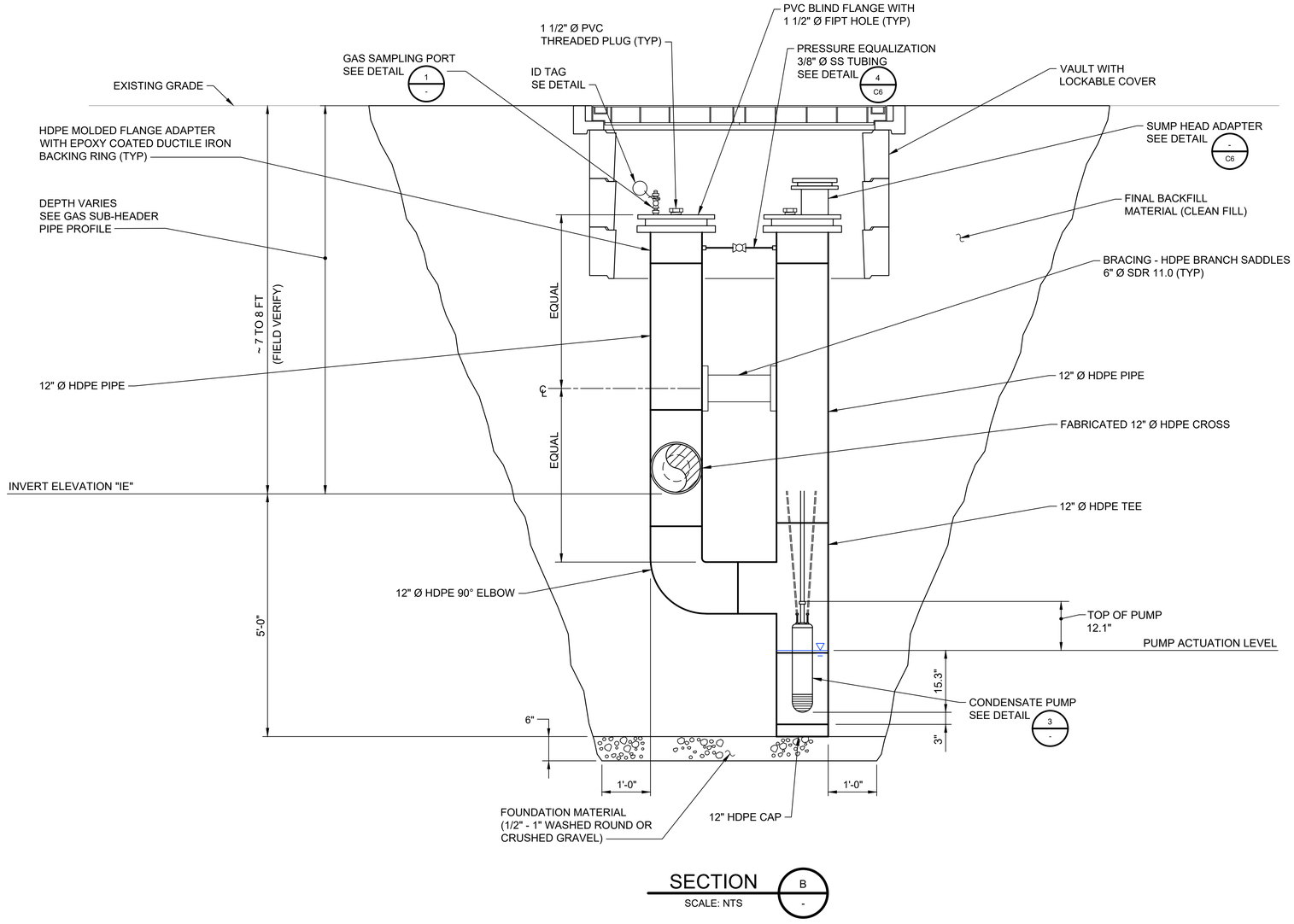
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DATE: DECEMBER 2025

SCALE: AS SHOWN

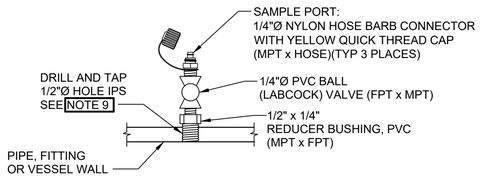
DRAWING NO. C4



SECTION B
SCALE: NTS

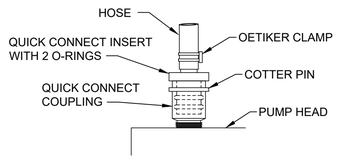
NOTES:

1. ALL PIPE SHALL BE HDPE SDR 17.0 UNLESS NOTED OTHERWISE.
2. HDPE PIPE JOINT SHALL BE THERMAL BUTT FUSION WELDED UNLESS NOTED OTHERWISE. ELECTRO-FUSION FITTINGS & FLANGES ARE NOT ALLOWED UNLESS NOTED OTHERWISE OR AUTHORIZED BY OWNER.
3. DEPTH OF PIPE VARIES, SEE PROFILE DRAWINGS.
   MINIMUM SOIL COVER OVER TOP OF PIPE 600 mm (2'-0").
4. REFUSED ENCOUNTERED DURING EXCAVATION SHALL BE PLACED IN A CONTAINER AND DISPOSED OF OFFSITE AT AN APPROVED / REGULATED DISPOSAL FACILITY. ANY EXPOSED REFUSE SHALL BE COVERED DAILY WITH SOIL OR PLASTIC TARPS.
5. SEGRAGATE, PROTECT AND PRESERVE EXISTING FINAL COVER SOIL DURING EXCAVATION PROCESS RE-USE EXISTING FINAL COVER SOIL FOR TOP LAYER OF FINAL BACKFILL MATERIAL. IMPORT AND INSTALL ADDITIONAL FINAL COVER SOIL AS NECESSARY FOR LOST VOLUME FROM EXCAVATION PROCESS.
6. DO NOT INSTALL EMBEDMENT MATERIAL OVER PIPE UNTIL PIPE GRADE HAS BEEN VERIFIED AND SURVEYED (BY THE CONTRACTOR) AND INSPECTED BY THE ENGINEER.
7. SURVEY PIPE IMMEDIATELY PRIOR TO, AND/OR DURING THE BACKFILLING PROCESS SO THE PIPE IS "PINNED" TO PREVENT MOVEMENT DURING AND AFTER SURVEY.
8. IMPORT AND INSTALL FINAL BACKFILL MATERIAL AS NECESSARY FOR LOST VOLUME FROM REMOVED MATERIAL (REFUSE AND CONTAMINATED MATERIAL).
9. PLACE AND INSTALL EMBEDMENT MATERIAL AND FINAL BACKFILL MATERIAL IN 8 TO 12 INCH LAYERS (LIFTS). COMPACT EACH LIFT OF EMBEDMENT / BACKFILL MATERIAL PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS OF MATERIAL. COMPACT WITH EQUIPMENT APPROVED BY THE ENGINEER.
10. CAUTION: DO NOT "OVER TAP" THREADS.
    THREADS OF FITTING SHALL NOT EXTEND PAST INSIDE WALL OF PIPE.



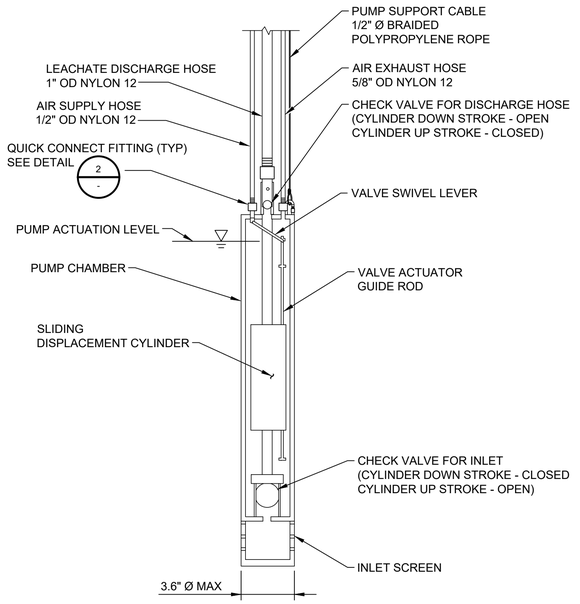
GAS SAMPLING PORT ASSEMBLY

DETAIL 1
SCALE: NTS



QUICK CONNECT FITTING

DETAIL 2
SCALE: NTS



AIR DISPLACEMENT PUMP ASSEMBLY

DETAIL 3
SCALE: NTS

NOT FOR CONSTRUCTION

NO.	REVISION	DATE
A	ISSUED FOR CLIENT REVIEW	11/21/2025
B	ISSUED FOR CLIENT REVIEW	12/15/2025

SHEET TITLE
CONDENSATE PUMP STATION SECTION

PROJECT TITLE
LANDFILL GAS CONTROL SYSTEM
REPAIRS
EASTGATE LANDFILL

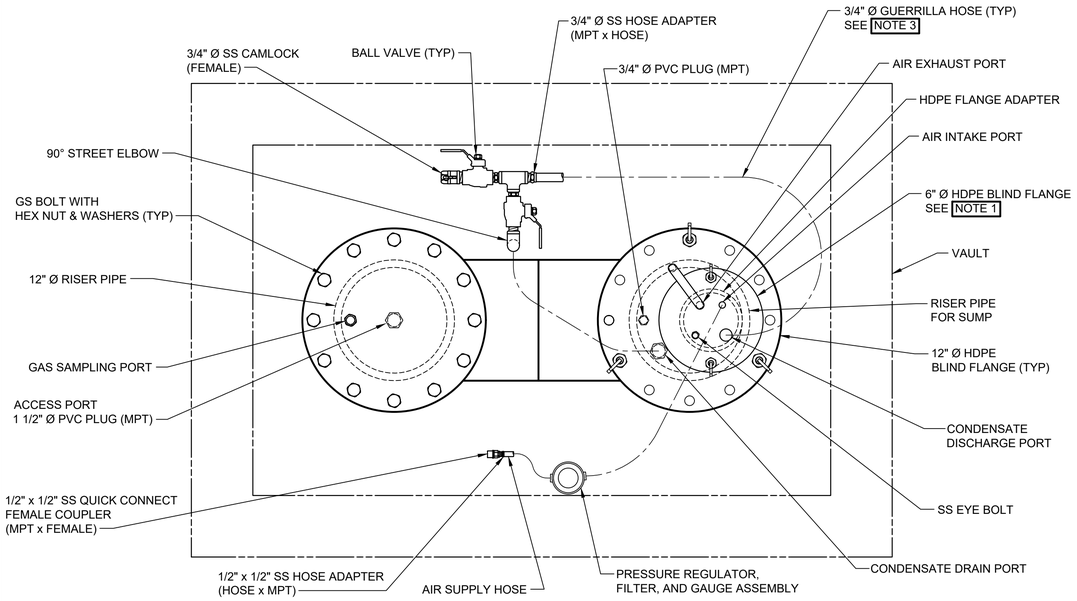
SCS ENGINEERS
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ACAD FILE:	C5.dwg
DWN. BY:	LEL
CHK. BY:	TAM
APP. BY:	JMR
PROJ. NO.	072220803.00
DSN. BY:	TAM

DATE: DECEMBER 2025

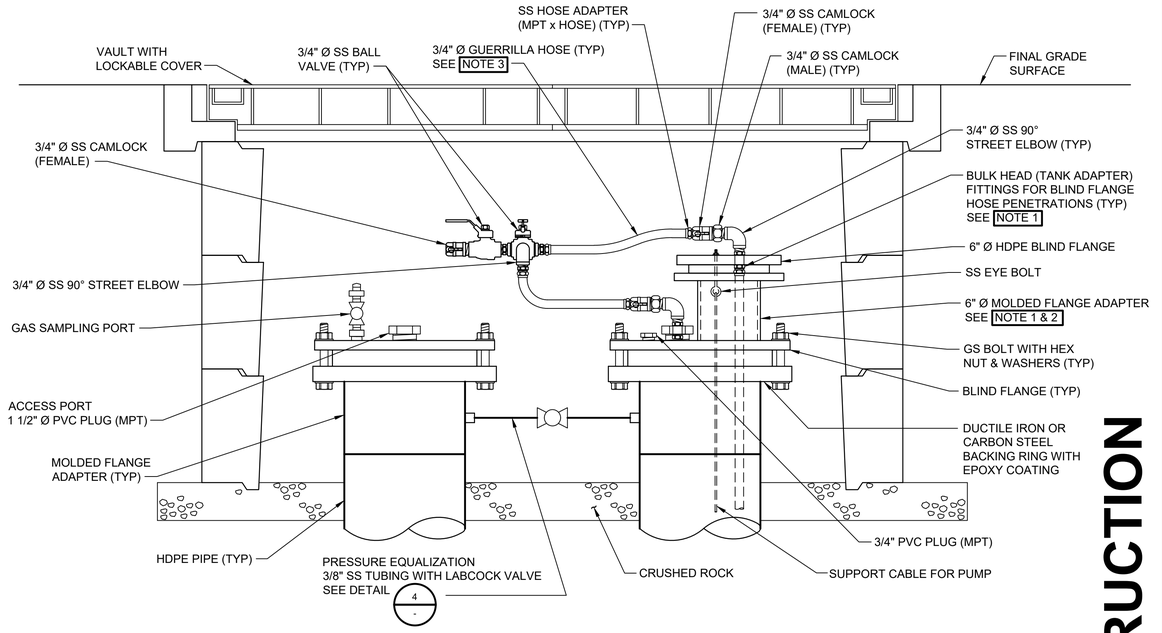
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DRAWING NO.
C5



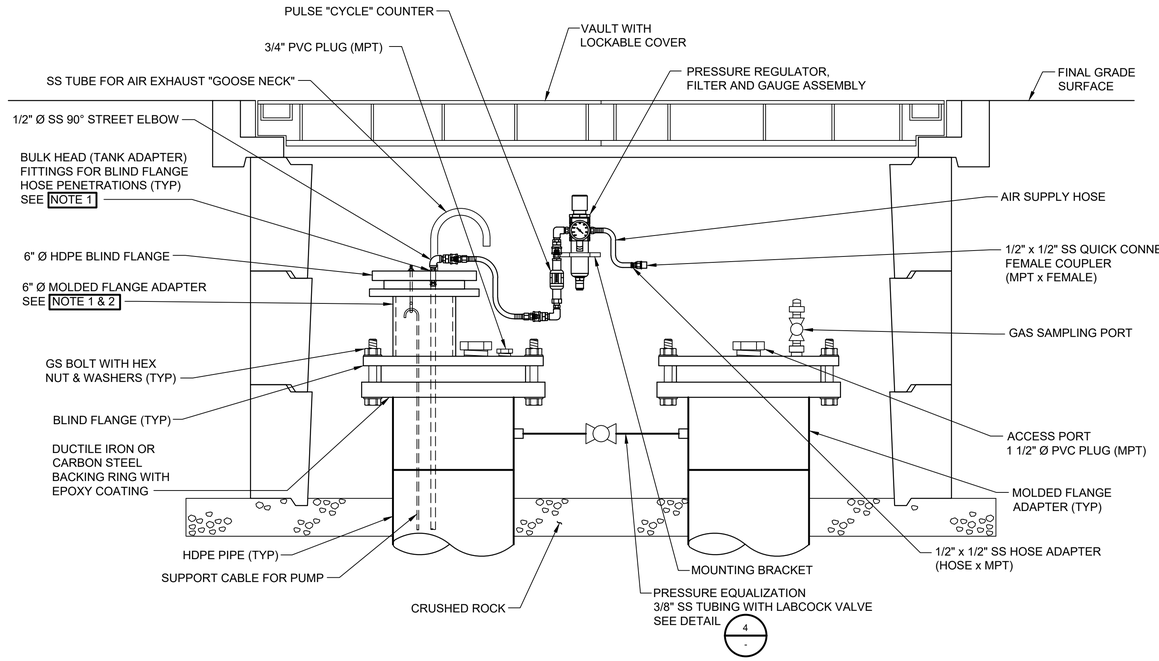
AIR SUPPLY & LEACHATE DISCHARGE TRAIN FOR PUMP AT CONDENSATE PUMP STATION

DETAIL 1 / - — SCALE: NTS



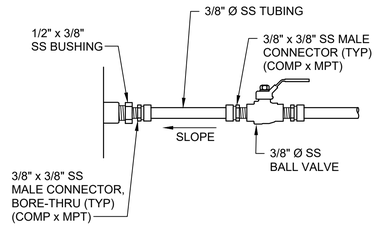
CONDENSATE DISCHARGE HOSE CONNECTION FOR PUMP AT CONDENSATE PUMP STATION

DETAIL 2 / - — SCALE: NTS



AIR SUPPLY HOSE CONNECTION FOR PUMP AT CONDENSATE PUMP STATION

DETAIL 3 / - — SCALE: NTS



PRESSURE EQUALIZATION

DETAIL 4 / - — SCALE: NTS

GENERAL NOTES:

1. ALL STAINLESS STEEL (SS) PIPE, FITTINGS AND VALVES SHALL BE 316L STAINLESS STEEL UNLESS NOTED OTHERWISE.
2. ALL ELASTOMERIC SEALS (e.g., GASKETS, O-RINGS, etc.) SHALL BE NITRILE OR VITON.

DETAIL NOTES:

1. COORDINATE DIAMETER OF FLANGE ADAPTER AND BLIND FLANGE WITH BULK HEAD FITTINGS TO CONFIRM ALL BULK HEAD FITTINGS WITH FIT. ADJUST SIZE OF FLANGE ADAPTER AND BLIND FLANGE ACCORDINGLY.
2. BUTT FUSE FLANGE ADAPTER TO BLIND FLANGE. ALTERNATIVELY EXTRUSION WELD TOP AND BOTTOM OF FLANGE ADAPTER TO BLIND FLANGE WITH COPPER WIRE AND SPARK TEST.
3. INSTALL GUERRILLA HOSE WITH LENGTH AS NECESSARY TO EXTEND 2 FEET OUTSIDE OF EDGE OF VAULT.

NOT FOR CONSTRUCTION

NO.	REVISION	DATE
A	ISSUED FOR CLIENT REVIEW	11/21/2025
B	ISSUED FOR CLIENT REVIEW	12/15/2025

SHEET TITLE: CONDENSATE PUMP STATION DETAILS

PROJECT TITLE: LANDFILL GAS CONTROL SYSTEM REPAIRS EASTGATE LANDFILL

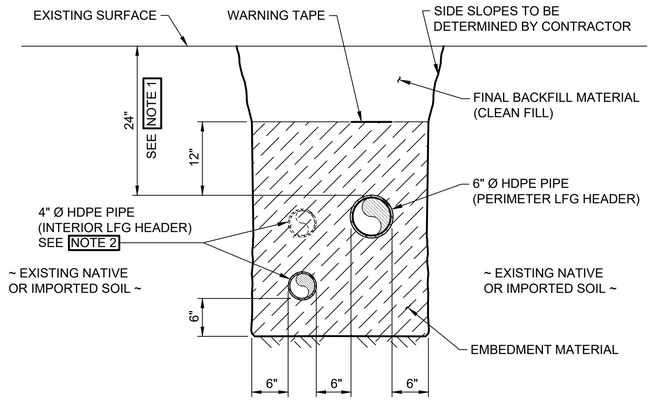
SCS ENGINEERS
Environmental Consultants and Contractors
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Bellevue, Washington 98005
(425) 746-4600 FAX (503) 684-6948

PROJ. NO.	DSN. BY:	DWN. BY:	CHK. BY:	ACAD FILE: C6.dwg	APP. BY:
07222003.00	TAM	LEL	TAM		JMR

DATE: DECEMBER 2025

SCALE: AS SHOWN

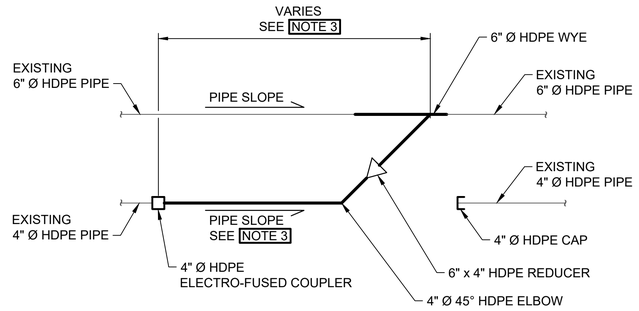
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PIPE TRENCH

DETAIL 1 — C2 & C3

SCALE: NTS

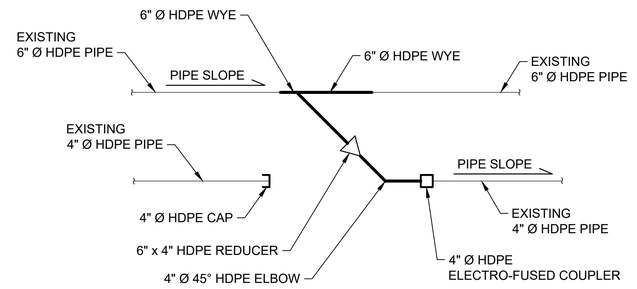


PLAN VIEW

WEST CONNECTION OF INTERIOR GAS LATERAL "B" TO PERIMETER GAS HEADER PIPE

DETAIL 2 — C2 & C3

SCALE: NTS

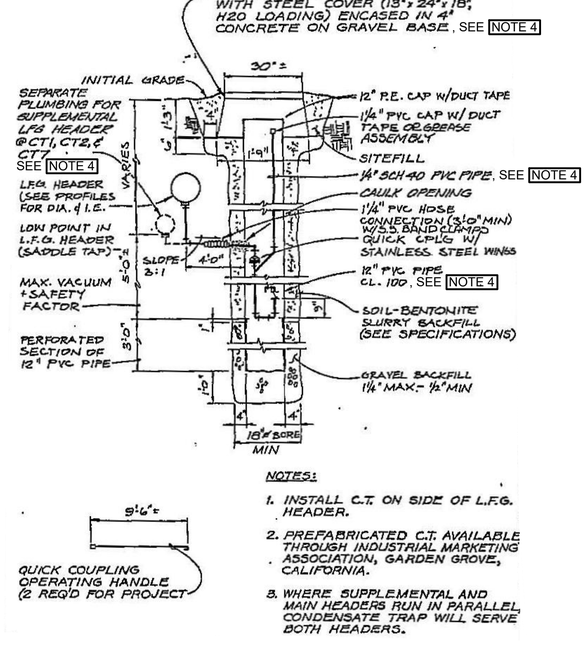


PLAN VIEW

EAST CONNECTION OF INTERIOR GAS LATERAL "B" TO PERIMETER GAS HEADER PIPE

DETAIL 3 — C2 & C3

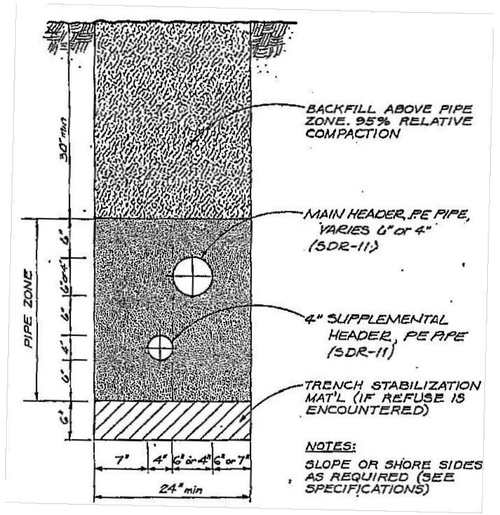
SCALE: NTS



EXISTING CONDENSATE TRAP

DETAIL 4 — C2 & C3

SCALE: NTS



EXISTING PIPE TRENCH FOR PERIMETER GAS HEADER PIPE & INTERIOR LATERAL PIPE

DETAIL 5 — C3

SCALE: NTS

GENERAL NOTES:

1. ALL GAS PIPE AND FITTINGS SHALL BE HDPE SDR 11.0 UNLESS NOTED OTHERWISE.
2. HDPE PIPE JOINT SHALL BE THERMAL BUTT FUSION WELDED UNLESS NOTED OTHERWISE. ELECTRO-FUSION FITTINGS & FLANGES ARE NOT ALLOWED UNLESS NOTED OTHERWISE OR AUTHORIZED BY OWNER.
3. DO NOT INSTALL EMBEDMENT MATERIAL OVER PIPE UNTIL PIPE GRADE HAS BEEN VERIFIED AND SURVEYED (BY THE CONTRACTOR) AND INSPECTED BY THE ENGINEER.
4. PLACE AND INSTALL EMBEDMENT MATERIAL AND FINAL BACKFILL MATERIAL IN 8 TO 12 INCH LAYERS (LIFTS). COMPACT EACH LIFT OF EMBEDMENT / BACKFILL MATERIAL PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS OF MATERIAL. COMPACT WITH EQUIPMENT APPROVED BY THE ENGINEER.
5. SURVEY PIPE IMMEDIATELY PRIOR TO, AND/OR DURING THE BACKFILLING PROCESS SO THE PIPE IS "PINNED" TO PREVENT MOVEMENT DURING AND AFTER SURVEY.

DETAIL NOTES:

1. DEPTH OF PIPE VARIES, SEE PROFILE DRAWINGS. MINIMUM SOIL COVER OVER TOP OF PIPE 2'-0".
2. THE 4" Ø HDPE PIPE ELEVATION RELATIVE TO 6" Ø VARIES. SEE PROFILE DRAWING.
3. THE EXISTING 4" Ø HDPE PIPE IS APPROXIMATELY 12 INCHES LOWER IN ELEVATION FROM THE EXISTING 6" Ø HDPE PIPE. INSTALL SUFFICIENT LENGTH OF 4" Ø HDPE PIPE TO ACHIEVE A 4.0% PIPE SLOPE FROM ELECTRO-FUSE COUPLER TO WYE.
4. REMOVE EXISTING VAULT, 12" Ø PIPE, 4" Ø PIPE, 1 1/4" Ø PIPE, AND FITTINGS. INSTALL CONDENSATE PUMP STATION AT SAME LOCATION PER DRAWING C4 & C5.

NOT FOR CONSTRUCTION

NO.	REVISION	DATE
A	ISSUED FOR CLIENT REVIEW	11/21/2025
B	ISSUED FOR CLIENT REVIEW	12/19/2025

SHEET TITLE: GAS AND CONDENSATE CONVEYANCE PIPE DETAILS

PROJECT TITLE: LANDFILL GAS CONTROL SYSTEM REPAIRS EASTGATE LANDFILL

SCS ENGINEERS
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(425) 746-4600 FAX: (503) 684-6948

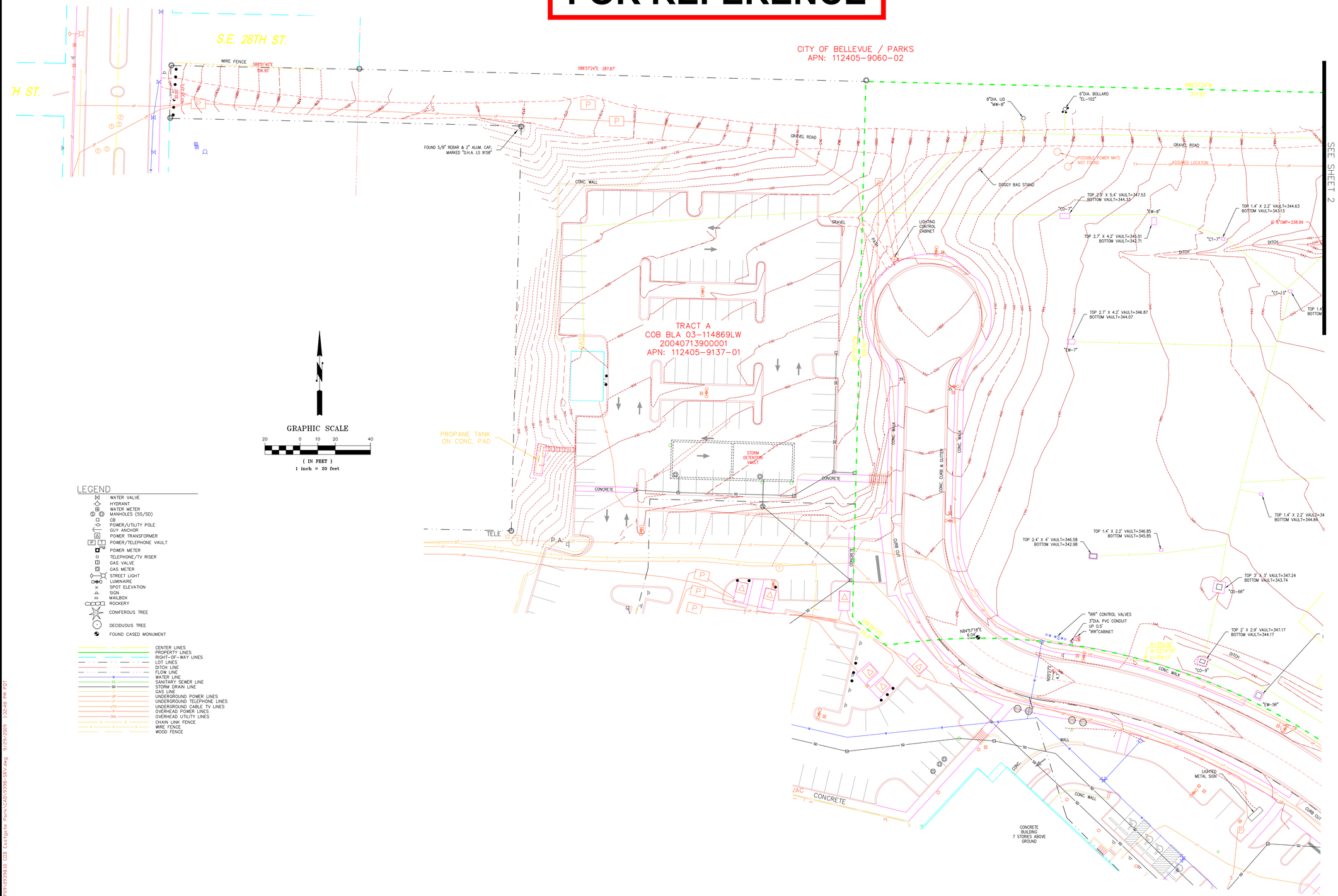
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07222003.00	TAM	LEL	TAM	C7.dwg	JMR

DATE: DECEMBER 2025

SCALE: AS SHOWN

DRAWING NO. C7

FOR REFERENCE



GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 inch = 20 feet

LEGEND

- WATER VALVE
- HYDRANT
- WATER METER
- MANHOLES (SS/SD)
- CB
- POWER/UTILITY POLE
- GUY ANCHOR
- POWER TRANSFORMER
- POWER/TELEPHONE VAULT
- POWER METER
- TELEPHONE/TV RISER
- GAS VALVE
- GAS METER
- STREET LIGHT
- LUMINAIRE
- SPOT ELEVATION
- SIGN
- MAILBOX
- ROCKERY
- CONIFEROUS TREE
- DECIDUOUS TREE
- FOUND CASED MONUMENT

- CENTER LINES
- PROPERTY LINES
- RIGHT-OF-WAY LINES
- LOT LINES
- DITCH LINE
- FLOW LINE
- WATER LINE
- SANITARY SEWER LINE
- STORM DRAIN LINE
- GAS LINE
- UNDERGROUND POWER LINES
- UNDERGROUND TELEPHONE LINES
- UNDERGROUND CABLE TV LINES
- OVERHEAD POWER LINES
- OVERHEAD UTILITY LINES
- CHAIN LINK FENCE
- WIRE FENCE
- WOOD FENCE

PORTION OF: NW 1/4 & SW 1/4 OF NE 1/4 SECTION 11, T. 24 N., R. 5 E., W.M.

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PLOT BY: TOM A. BLOCK, AGUILA STRA (GA37)
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DRAWN	XXX				
PLAT CHK	XXX				
SYM	REVISION	DATE	BY	APP'D	

PACE
An Engineering Services Company
10230 NE Points Drive, Suite 400
Kirkland, WA 98033-7845
p. 425.827.2014 | f. 425.827.3960
Civil | Structural | Planning | Survey
paceengrs.com

EASTGATE LANDFILL PARK

DATE	9/29/2009
SCALE	1" = 20'
SURVEY TEAM	GW/BD/DB
FIELD BOOK	611C, 611D
DWG FILE	9398-SRV.dwg

TOPOGRAPHIC SURVEY
FOR
CITY OF BELLEVUE
PARKS & COMMUNITY DEVELOPMENT DEPARTMENT

PROJECT NO. 09398.10

SHEET 1 OF 2

FOR REFERENCE

LEGEND

- WATER VALVE
- HYDRANT
- WATER METER
- MANHOLES (SS/SD)
- CB
- POWER/UTILITY POLE
- GUY ANCHOR
- POWER TRANSFORMER
- POWER/TELEPHONE VAULT
- POWER METER
- TELEPHONE/TV RISER
- GAS VALVE
- GAS METER
- STREET LIGHT
- LUMINAIRE
- SPOT ELEVATION
- SIGN
- MAILBOX
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- CONIFEROUS TREE
- DECIDUOUS TREE
- FOUND CASED MONUMENT

- CENTER LINES
- PROPERTY LINES
- RIGHT-OF-WAY LINES
- LOT LINES
- DITCH LINE
- FLOW LINE
- WATER LINE
- SANITARY SEWER LINE
- STORM DRAIN LINE
- GAS LINE
- UNDERGROUND POWER LINES
- UNDERGROUND TELEPHONE LINES
- UNDERGROUND CABLE TV LINES
- OVERHEAD POWER LINES
- OVERHEAD UTILITY LINES
- CHAIN LINK FENCE
- WIRE FENCE
- WOOD FENCE

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 inch = 20 feet

SEE SHEET 1

CITY OF BELLEVUE / PARKS

PORTION OF PARCEL 5
COB BLA 02-149004LW
200303005900019
APN: 112405-9123-07

PORTION OF: NW 1/4 & SW 1/4 OF NE 1/4 SECTION 11, T. 24 N., R. 5 E., W.M.

CAD/CALC	XXX				
DRAWN	XXX				
PLAT CHK	XXX				
SYM	REVISION	DATE	BY	APP'D	

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Bothell, WA 98011-8027
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Civil | Structural | Planning | Survey
pacenginc.com

EASTGATE LANDFILL PARK

DATE	9/29/2009
SCALE	1" = 20'
SURVEY TEAM	GW/BD/DB
FIELD BOOK	611C, 611D
DWG FILE	9398-SRV.dwg

TOPOGRAPHIC SURVEY
FOR
CITY OF BELLEVUE
PARKS & COMMUNITY DEVELOPMENT DEPARTMENT

PROJECT NO. 09398.10

SHEET 2 OF 2

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