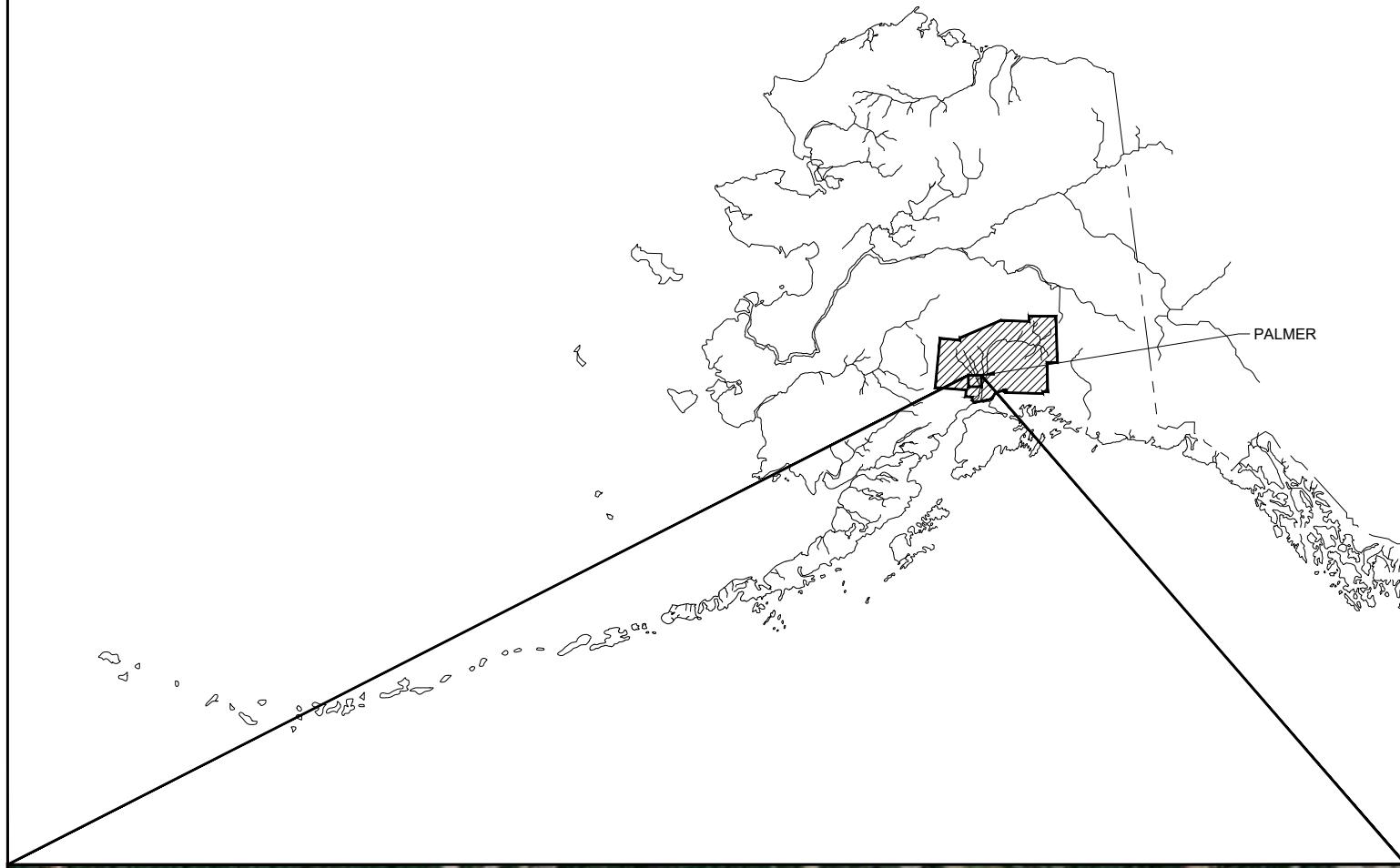
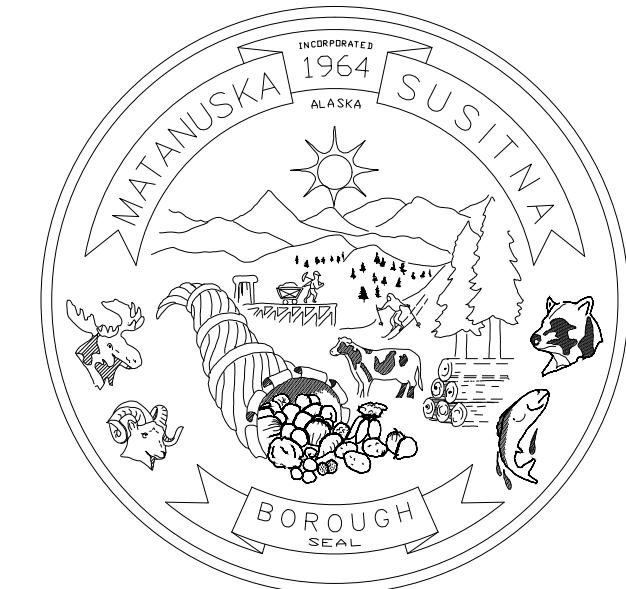


APPENDIX A – CONFORMING TO CONSTRUCTION RECORDS DRAWINGS

MATANUSKA-SUSITNA BOROUGH

PUBLIC WORKS DEPARTMENT

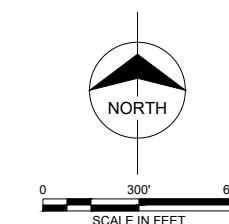
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**CENTRAL LANDFILL
CELL 4 EXPANSION CONSTRUCTION
CONFORMING TO CONSTRUCTION RECORDS
APRIL 2025**

PROJECT NUMBER: 167550

SHEET INDEX	
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G002	LEGEND, ABBREVIATIONS, & QUANTITIES
G003	EXISTING CONDITIONS & CONTROL POINTS
G004	GENERAL ARRANGEMENT
C001	DEMOLITION PLAN
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C004	CROSS SECTIONS
C005	CONSTRUCTION DETAILS, 1 OF 3
C006	CONSTRUCTION DETAILS, 2 OF 3
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C008	GCCS RELOCATION PLAN
C009	GCCS RELOCATION DETAILS, 1 OF 4
C010	GCCS RELOCATION DETAILS, 2 OF 4
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C012	GCCS RELOCATION DETAILS, 4 OF 4
C013	MISCELLANEOUS CIVIL DETAILS
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C015	EROSION CONTROL DETAILS, SILT FENCE 1 OF 2
C016	EROSION CONTROL DETAILS, SILT FENCE 2 OF 2
C017	EROSION CONTROL DETAILS, EROSION CONTROL BLANKET
C018	EROSION CONTROL DETAILS, STAB. CONST. EXIT



Burns & McDonnell Engineering Co, Inc.
License No. AECC322

REVIEWED BY:

BOROUGH ENGINEER

GENERAL NOTES

- THE CENTRAL LANDFILL IS LOCATED AT 1201 N 49TH STATE STREET, PALMER, ALASKA 99645.
- CONTRACTOR SHALL CONTRACT WITH MATANUSKA-SUSITNA (MAT-SU) BOROUGH (OWNER) DIRECTLY TO PERFORM WORK.
- CONTRACTOR SHALL PROVIDE LIABILITY INSURANCE NAMING OWNER, OPERATOR, BURNS & MCDONNELL ENGINEERING COMPANY (ENGINEER), AND ENGINEER'S SUBCONTRACTORS AS AN ADDITIONAL INSURED.
- THE LOCATIONS OF EXISTING UTILITIES AND EASEMENTS HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES AND EASEMENTS WHETHER OR NOT SHOWN TO PROTECT THEM FROM DAMAGE. WHERE A UTILITY OR EASEMENT IS ABANDONED OR REQUIRES TO BE PROTECTED, THE CONTRACTOR SHALL PROVIDE PROTECTION THAT AT MINIMUM MEETS THE REQUIREMENTS OF THE UTILITY OR EASEMENT OWNER. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR, REPLACEMENT, OR ANY OTHER CHARGES RELATED TO EXISTING UTILITIES OR EASEMENTS IN CONJUNCTION WITH THE EXECUTION OF THIS WORK. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL ALASKA DIGLINE, INC AT 1-800-478-3121 OR 811.
- THE WORK UNDER THIS CONTRACT SHALL INCLUDE FURNISHING ALL SUPERVISION, LABOR, TOOLS, EQUIPMENT, TRANSPORTATION, STORAGE FACILITIES, SERVICES, AND SUPPLIES REQUIRED TO COMPLETE THE FOLLOWING AS INDICATED ON THE CONSTRUCTION DRAWINGS:
 - CONSTRUCTION OF CELL 4 EXPANSION, INCLUDING STRIPPING AND STOCKPILING TOPSOIL AND COVER SOILS FROM PHASE 2A FINAL COVER AND AREA OF CELL 4 EXPANSION, COMPLETING EARTHWORK NECESSARY TO ESTABLISH CELL 4 EXPANSION SUBGRADE, INSTALLING GEOSYNTHETIC CLAY LINER, GEOMEMBRANE LINER, GEOTEXTILE, LEACHATE COLLECTION PIPING, GAS COLLECTION LATERAL PIPING, GRANULAR DRAINAGE LAYER, AND RELATED ITEMS.
 - RELOCATION OF EXISTING LANDFILL GAS COLLECTION AND CONTROL SYSTEM PIPING.
 - ANY OTHER WORK NOT SPECIFIED ABOVE REQUIRED IN THE CONSTRUCTION DRAWINGS.
- THE CONSTRUCTION DRAWINGS REPRESENT THE FINISHED WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION. CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT, MATERIALS, AND TOOLS NECESSARY TO COMPLETELY PERFORM THE WORK IN SAFE, EXPEDITIOUS, AND WORKMAN LIKE MANNER. COORDINATE SCHEDULE OF THE WORK WITH THE OWNER. CONTRACTOR SHALL INSTALL EQUIPMENT AND MATERIALS PER MANUFACTURER'S RECOMMENDATIONS UNLESS NOTED OTHERWISE. THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR PROPER HANDLING AND INSTALLATION OF EQUIPMENT AND MATERIALS.
- THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH ANY SHOP DRAWINGS PROVIDED BY SUPPLIERS. ALL SHOP DRAWINGS PROVIDED BY OTHERS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO THE FABRICATION OF MATERIAL OR THE PURCHASE OF NON-RETURNABLE STOCK. DIMENSIONAL REVIEW IS THE CONTRACTOR'S RESPONSIBILITY.
- LANDFILL CONSTRUCTION EQUIPMENT OPERATIONS WILL BE LIMITED TO THE FOLLOWING TIMES: MONDAY THROUGH SATURDAY FROM 8 AM - 5 PM. NON-EQUIPMENT HOURS WILL BE LIMITED TO 7 AM - 6 PM MONDAY THROUGH SATURDAY. FURTHER, NO WORK SHALL BE COVERED PRIOR TO COMPLETION OF REQUIRED TESTING, SURVEYING AND ENGINEER'S INSPECTION. UNAPPROVED WORK SHALL BE UNCOVERED AT CONTRACTOR'S EXPENSE.
- SITE TOPOGRAPHY MAY VARY DUE TO OWNER'S CONSTRUCTION, DAILY COVER MATERIAL STOCKPILING, AND WASTE DISPOSAL.
- EXISTING ROADS, STRUCTURES, FACILITIES AND LANDFILL OPERATIONS SHALL NOT BE INTERFERED WITH BY CONTRACTOR'S ACTIVITIES. NORMAL LANDFILL OPERATIONAL HOURS ARE 8 AM - 5 PM MONDAY THROUGH SUNDAY. COORDINATE ACTIVITIES WITH LANDFILL OWNER/OPERATOR IF OPERATION DISRUPTION IS EXPECTED. UNLESS REQUIRED BY THE PROJECT, ANY DISTURBANCE TO EXISTING FEATURES SHALL BE REPAIRED AT NO COST TO OWNER.
- CONTRACTOR SHALL UNDERTAKE ALL NECESSARY MEASURES TO ENSURE SAFETY OF ALL PERSONS AND STRUCTURES AT THE SITE AND ADJACENT TO THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CLAIMS RESULTING FROM HIS/HER ACTIONS AND ACTIVITIES. VISITS TO THE SITE BY OWNER, ENGINEER OR ENGINEER'S SUBCONTRACTORS SHALL NOT RELIEVE THE CONTRACTOR OF SUCH RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER SAFEGUARDING OF THE INSTALLATION AND MATERIALS AND EQUIPMENT STORED ON THE SITE TO PREVENT THEFT, VANDALISM, OR DAMAGE. THE CONTRACTOR SHALL ACCEPT FULL RESPONSIBILITY FOR EQUIPMENT AND MATERIALS THROUGH PROJECT COMPLETION. CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN A SECURE LOCATION (ON OR OFF-SITE).
- CONTRACTOR SHALL PROTECT THE WORK AREAS WITH THE APPROPRIATE FENCING, BARRICADES, AND SIGNAGE. CONTRACTOR SHALL COORDINATE WORK PROTECTION AREA REQUIREMENTS CONTROL WITH OWNER.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA AND IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- UNKNOWN SITUATIONS OR CONDITIONS NOT COVERED IN THESE INSTRUCTIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ENGINEER AND MANUFACTURER'S SPECIALISTS MAY BE AVAILABLE FOR CONSULTATION. THE PRESENCE OF THE ENGINEER OR THE MANUFACTURER'S REPRESENTATIVE AT THE PROJECT SITE DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR A PROPER INSTALLATION.
- ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR, AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE

- ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF WORK.
- IF CERTAIN FEATURES ARE NOT FULLY SHOWN OR CALLED FOR ON THE CONSTRUCTION DRAWINGS OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR, SUBJECT TO THE APPROVAL OF THE ENGINEER.
- ALL WORK SHALL BE DONE TO THE LINES, SLOPES, THICKNESS, AND GRADES INDICATED IN THE CONSTRUCTION DRAWINGS. ALL ESTABLISHED MONUMENTS, BENCHMARKS, REFERENCE POINTS, STAKES, AND OTHER CENTRAL POINTS SHALL BE CAREFULLY PRESERVED BY THE CONTRACTOR. CONTRACTOR SHALL NOTIFY OWNER IN WRITING OF BENCHMARKS, REFERENCE LINES, OR OTHER CONTROL POINTS WHICH MAY HAVE BEEN DISTURBED OR WHICH APPEAR TO BE OFF LINE OR GRADE. CONTRACTOR SHALL UTILIZE GLOBAL POSITIONING SYSTEM (GPS) TECHNOLOGY FOR COMPLETION OF WORK TO ENSURE ACCURACY IN GRADING AND ALIGNMENTS.
- CONTRACTOR SHALL MAINTAIN CONTROL OF DEBRIS GENERATED BY CONTRACTOR'S ACTIVITIES SUCH TO PREVENT THE INADVERTENT MOVEMENT OF DEBRIS OUTSIDE THE CONSTRUCTION BOUNDARIES. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL, MANAGEMENT, STORAGE, LOADING, AND DISPOSAL OF CONSTRUCTION DEBRIS. CONTRACTOR SHALL DISPOSE OF DEBRIS PER APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POTABLE WATER AND TEMPORARY SANITARY FACILITIES FOR HIS/HER PERSONNEL. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR INSTALLING AND REMOVING ANY REQUIRED TEMPORARY UTILITY CONNECTIONS.
- SUBMITTALS: SUBMIT MATERIAL AND PRODUCT DATA, WARRANTIES, INSTALLATION, AND AS-BUILT CONSTRUCTION DOCUMENTS TO THE OWNER AND ENGINEER FOR REVIEW PER SPECIFICATION 01 33 00. CONTRACTOR SHALL FORWARD MATERIAL MANIFESTS TO THE ENGINEER AND OWNER. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS WITH NOTES IDENTIFYING MODIFICATIONS TO THE CONSTRUCTION DRAWINGS.
- CONTRACTOR SHALL HAVE PROPER EQUIPMENT AND MANPOWER NECESSARY TO UNLOAD ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL PROTECT ALL EXISTING CONTROL POINTS AND PROMPTLY REPLACE IF DAMAGED AT CONTRACTOR'S COST. ADDITIONAL HORIZONTAL AND VERTICAL CONTROL POINTS SHALL BE ADDED BY CONTRACTOR AS NECESSARY TO COMPLETE WORK. NEW CONTROL POINTS SHALL BE PROVIDED BY THE CONTRACTOR TO THE OWNER. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRUCTURE ELEVATIONS DURING CONSTRUCTION STAKING, COMPARE THESE ELEVATIONS TO THOSE INDICATED AND REVIEW WITH ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF EXISTING MONITORING WELLS, GAS PROBES, GAS WELLS, UTILITIES, AND STRUCTURES, ETC. ANY DAMAGES TO EXISTING SYSTEMS SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THESE NOTES AND OTHER DRAWING NOTES CONTAINED HEREWITHE ARE PROVIDED TO MEET SPECIFIC REQUIREMENTS AND TO SUPPLEMENT THE CONTRACT DOCUMENTS. THESE NOTES NEITHER REPLACE NOR OVERRIDE THE PROVISIONS AND REQUIREMENTS OF THE CONTRACT DOCUMENTS.

EROSION CONTROL NOTES

- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED BY THE CONSTRUCTION DRAWINGS. ADDITIONAL BMP'S SHALL BE IMPLEMENTED AS DICTATED BY THE SITE CONDITIONS THROUGHOUT ALL PHASES OF CONSTRUCTION.
- TEMPORARY EROSION AND SEDIMENT CONTROLS: FURNISH, INSTALL, CONSTRUCT, AND MAINTAIN TEMPORARY MEASURES TO CONTROL EROSION AND MINIMIZE THE SILTATION OF CONVEYANCE FEATURES AND THE POLLUTION OF PRIVATE PROPERTIES. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL COMPLETION OF THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL SEDIMENT CONTROL PRACTICES REQUIRED AS A RESULT OF HIS/HER ACTIVITIES. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS, UNLESS NOTED OTHERWISE. THE SEDIMENT CONTROL PRACTICES INDICATED IN THE CONTRACT DRAWINGS ARE NOT INTENDED TO BE INCLUSIVE OF ALL SEDIMENT CONTROL PRACTICES REQUIRED TO BE COMPLETED FOR THIS PROJECT.
- PROVIDE AND MAINTAIN ALL EROSION CONTROL FEATURES NECESSARY TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL, AND JURISDICTIONAL AGENCY'S EROSION CONTROL-RELATED REGULATIONS THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL REMOVE EROSION CONTROL FEATURES IF SAID FEATURES ARE NOT BIODEGRADABLE.
- BMP'S AND CONTROLS SHALL CONFORM TO THE REQUIREMENTS OF THE ALASKA DEPARTMENT OF TRANSPORTATION. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- CONTRACTOR IS REQUIRED TO COMPLY WITH THE TERMS AND CONDITIONS CONTAINED WITHIN THE CONSTRUCTION STORMWATER GENERAL PERMIT.
- CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- ALL WASH WATER (VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAILED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. THESE SUCH MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM DISCHARGE INTO CONVEYANCE FEATURES OR WATERS OF THE STATE. DISPOSAL OF SOLID WASTE SHALL BE COORDINATED WITH OWNER.
- ALL STORMWATER POLLUTION PREVENTION MEASURES PRESENTED IN THE CONSTRUCTION DRAWINGS SHALL BE INITIATED AS SOON AS PRACTICABLE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE SEDIMENTATION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORMWATER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- SOIL STOCKPILE AND BORROW AREAS RESULTANT FROM CONTRACTOR'S ACTIVITIES SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BMP'S AND SEEDING.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES IN ORDER TO PREVENT EROSION.
- THE PERIMETER OF ANY STOCKPILE AREAS SHALL BE LINED WITH SEDIMENT FENCE.
- THE INTEGRITY OF WETTED PERIMETER FOR PERIMETER AND DIVERSION DITCHES SHALL BE MAINTAINED AT ALL TIMES.
- FUELING OF CONTRACTOR EQUIPMENT SHALL BE CONDUCTED IN A CONTAINED AREA.
- STORAGE OF FUELS AND HAZARDOUS MATERIALS SHALL BE DONE IN SUCH A WAY AS TO MINIMIZE THE POTENTIAL OF SPILLS. CONTRACTOR SHALL PROVIDE AND INSTALL THEIR OWN SPILL CONTAINMENT DEVICES OR STRUCTURES.
- SPILLS OF TOXIC OR HAZARDOUS MATERIAL, INCLUDING DIESEL FUEL FOR CONTRACTOR EQUIPMENT USE ONSITE, SHALL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, AS REQUIRED. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
- CONCRETE WASHOUT SHALL BE COORDINATED WITH THE OWNER.
- ALL DISTURBED AREAS SHALL BE RETURNED TO PRE-EXISTING CONDITIONS INCLUDING GRADING AND DRAINAGE AREAS.


 BURNS
MCDONNELL
Burns & McDonnell Engineering Co, Inc.
LICENSE NO. AECC322

date APRIL 2025 detailed R. HEAMAN

designed M. AULT checked F. DORAN



MATANUSKA-SUSITNA BOROUGH, ALASKA

**CONFORMING
TO
CONSTRUCTION
RECORDS**
CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
GENERAL NOTES

project 167550 contract AUTHORIZATION #14

drawing G001 rev. 0

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LEGEND

PLAN:	
CLF-9	ACTIVE MONITORING WELL
CLF-1	INACTIVE MONITORING WELL
CP	SURVEY CONTROL POINT
CLFP-1	LANDFILL GAS MONITORING PROBE
GV-1	LANDFILL GAS VENT
GW-1	LANDFILL GAS WELL
RW 3-1	VERTICAL RECIRCULATION WELL
●	POWER POLE
	LIGHT FIXTURE
	BUILDING/STRUCTURE
160	EXISTING 2 FOOT CONTOURS
310	EXISTING 10 FOOT CONTOURS
DESIGN 2 FOOT CONTOURS	DESIGN 2 FOOT CONTOURS
DESIGN 10 FOOT CONTOURS	DESIGN 10 FOOT CONTOURS
X X X	EXISTING FENCE
— - - - -	PROPERTY BOUNDARY
— - - - -	CONSTRUCTION LIMITS
	PAVED ROAD
	UNPAVED ROAD
— — — OHE — — —	OVERHEAD ELECTRIC
— — — UE — — —	UNDERGROUND ELECTRIC
— — — GCCS — — —	EXISTING GAS COLLECTION AND CONTROL SYSTEM PIPING
— — — GL — — —	GAS COLLECTION AND CONTROL SYSTEM PIPING
— — — GL — — —	EXISTING GAS LATERAL PIPING
— — — GL — — —	GAS LATERAL PIPING
4 IN	4" CONDENSATE FORCE MAIN
LCP	EXISTING LEACHATE COLLECTION PIPING
LCP	LEACHATE COLLECTION PIPING
RL — RL	EXISTING LEACHATE RECIRCULATION LATERAL
EL — EL	EXISTING EDGE OF LINER
EL — EL	EDGE OF LINER
— - - - -	CELL BOUNDARY
— - - - -	CHANNEL DRAIN
— - - - -	EDGE OF ROAD
— - - - -	SILT FENCE
— - - - -	EXISTING CELL 2A SUBDRAIN PIPE
— - - - -	TRAILS
	BURIED CULVERT
	TREE LINE
	FINAL COVER
	WETLANDS

CELL 4 EXPANSION CONSTRUCTION QUANTITIES			
MATERIAL	UNIT	EST. QUANTITY	
FINAL COVER STRIPPING AND STOCKPILING	AC	1.3	
REMOVE EXISTING DRAINAGE PIPES WITHIN LINER AREA	LF	1446	
CORRUGATED PLASTIC 6" PERF. DRAINAGE PIPE W/ GEOTEXTILE SOCK	LF	150	
UNCLASSIFIED EXCAVATION (TO ESTABLISH CELL 4 AND ROAD SUBGRADE)	CY	15,584	
EMBANKMENT FILL (TO ESTABLISH CELL 4 AND ROAD SUBGRADE)	CY	4,280	
GRADING AND SUBGRADE PREPARATION	AC	2.0	
SAND LEVELING COURSE	CY	1,592	
GEOSYNTHETIC CLAY LINER (GCL)	SF	140,817	
60-MIL TEXTURED HDPE GEOMEMBRANE LINER	SF	85,980	
60-MIL TEXTURED LLDPE GEOMEMBRANE LINER	SF	54,837	
GEOTEXTILE CUSHION - 16 OZ/SY NON-WOVEN	SF	140,817	
GEOTEXTILE FILTER - 4 OZ/SY NON-WOVEN	SF	10,783	
HDPE 8" SDR 11 PERFORATED PIPING	LF	859	
HDPE 8" SDR 11 SOLID PIPING	LF	304	
HPDE 6" SDR 11 PERFORATED PIPING	LF	578	
HDPE 6" SDR 11 SOLID PIPING	LF	723	
HDPE 4" SDR 11 SOLID PIPING	LF	657	
7' LONG, 4" DIA., SCH 40 GALV. STEEL BOLLARD FILLED W/ CONCRETE	EA	8	
REMOVE AND REINSTALL EXSTING LGF WELLHEADS/CLEANOUTS	EA	4	
PIPE TRENCHING AND BACKFILL UP TO 6-FT DEPTH	LF	128	
LLDPE PIPE BOOT	EA	1	
DISCONNECT AND REMOVE 4" HDPE SDR 17 ARTIC SURFACE PIPE (EXISTING LATERAL PIPING FROM HEADER TO GW-12 AND GW-17)	LF	110	
DISCONNECT AND REMOVE EXISTING 8" ARTIC HDPE SURFACE PIPING	LF	600	
INSTALL REUSED 8" ARTIC HDPE SURFACE PIPING	LF	432	
NEW LANDFILL GAS WELLHEAD/CLEANOUT	EA	1	
CONNECT GW-12 AND GW-17 TO REUSED 8" ARTIC PIPE	EA	2	
CUT, CAP, AND ABANDON GAS VENT	EA	1	
GRANULAR DRAINAGE MATERIAL (INSTALL ONLY, OWNER FURNISHED MATERIAL)	CY	7,823	
LEAK LOCATION SURVEY	LS	1	
LANDFILL LIMIT MARKERS	EA	12	
TOPSOIL, SEED, AND MULCH DISTURBED AREAS	AC	0.17	

ABBREVIATIONS

ADEC	ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION	LCO	LEACHATE CLEANOUT
AKDOT	ALASKA DEPARTMENT OF TRANSPORTATION	LCP	LEACHATE COLLECTION PIPE
APPROX, ~	APPROXIMATE, APPROXIMATELY	L.F., LF	LINEAR FEET
BMP	BEST MANAGEMENT PRACTICE	LLDPE	LINEAR LOW DENSITY POLYETHYLENE
C&D	CONSTRUCTION AND DEMOLITION	MAX	MAXIMUM
CCO	CONDENSATE CLEANOUT	MIL	MILLI-INCH
CL	CENTER LINE	MAX.	MINIMUM
CLF	CENTRAL LANDFILL	MSB	MATANUSKA-SUSITNA BOROUGH
CP	CONTROL POINT	N	NORTHING
CS	CONDENSATE SUMP	NO.	NUMBER
DEG, °	DEGREE	NPT	NATIONAL PIPE THREAD
DIA. OR Ø	DIAMETER	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
DWG	DRAWING	OZ	OUNCE
E	EASTING	PCF	POUNDS PER CUBIC FOOT
EL	EDGE OF LINER	PERF	PERFORATED
ESMT	EASEMENT	PVC	POLYVINYL CHLORIDE
EW	EACH WAY	RGW	REMOTE GAS WELL
FT	FEET	RL	RECIRCULATION LATERAL
GALV	GALVANIZED	RW	RECIRCULATION WELL
GCCS	LANDFILL GAS COLLECTION & CONTROL SYSTEM	SCH	SCHEDULE
GCL	GEOSYNTHETIC CLAY LINER	SDR	STANDARD DIMENSION RATIO
GCO	GAS CLEANOUT	SST / S.S.	STAINLESS STEEL
GDN	GEOCOMPOSITE DRAINAGE NET	ST.	STREET
GL	GAS LATERAL	SUBD	SUBDIVISION
GV	GAS VENT	SWPPP	STORMWATER POLLUTION PREVENTION PLAN
GW	GAS WELL	TYP.	TYPICAL
HDPE	HIGH DENSITY POLYETHYLENE	UE	UNDERGROUND ELECTRIC
PS	IRON PIPE SIZE	W/	WITH

NOTES:

1. ESTIMATED VALUES INCLUDED IN TABLES REPRESENT FINISHED, IN-PLACE QUANTITIES. PRESENTED QUANTITIES DO NOT INCLUDE ANY ADDITIONAL MATERIAL REQUIRED FOR REPAIRS, QA/QC TESTING, COMPACTION REQUIREMENTS OR ANY OTHER ELEMENTS OF CONSTRUCTION THAT WARRANT ADDITIONAL MATERIAL NECESSARY FOR PROJECT CONSTRUCTION STANDARDS.

2. ENGINEER HAS PERFORMED THESE TWO-DIMENSIONAL MATERIAL QUANTITY ESTIMATES USING THE DESIGN PRESENTED IN THE PLANS AND SPECIFICATIONS AND ON SITE CONDITIONS TO THE BEST OF THEIR KNOWLEDGE. CONTRACTOR IS REQUIRED TO PERFORM THEIR OWN MATERIAL QUANTITY ESTIMATES, AND TO USE THESE VALUES ONLY AS A QUALITY ASSURANCE CONFIRMATION.

3. QUANTITIES ARE NOT GUARANTEED AND FINAL PAYMENT WILL BE BASED ON ACTUAL QUANTITIES DETERMINED AS PROVIDED IN THE CONTRACT DOCUMENTS. ELECTRONIC CAD FILES OF THE PLANS ARE AVAILABLE UPON REQUEST.

4. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR ADDITIONAL MATERIAL NEEDED TO MEET COMPACTION STANDARDS DETAILED IN SECTION 31 20 00, TESTING REQUIREMENTS, REPAIRS, ETC.

5. ESTIMATED GEOSYNTHETIC MATERIAL QUANTITY REPRESENTS FINISHED, IN-PLACE QUANTITY. THIS AREA IS REPRESENTED BY TWO-DIMENSIONAL SURFACE AREA WITHIN THE EDGE OF LINER ("EL") BOUNDARY SHOWN ON THE CIVIL PLAN SHEETS.

6. GEOSYNTHETIC QUANTITY DOES NOT INCLUDE ADDITIONAL MATERIAL REQUIRED FOR LINER TERMINATION, QA/QC TESTING, WELDING, REPAIRS, SCRAP MATERIAL FROM PLACEMENT LAYOUT, POTENTIAL SLACK MATERIAL REQUIRED FOR THERMAL EXPANSION/CONTRACTION OR ANY OTHER ELEMENTS OF CONSTRUCTION THAT WARRANT ADDITIONAL MATERIAL NECESSARY FOR PROJECT CONSTRUCTION STANDARDS.

7. QUANTITIES PROVIDED FOR SAND LEVELING COURSE WERE CALCULATED BY MULTIPLYING THE TWO-DIMENSIONAL SURFACE AREA WITHIN THE CELL 4 EXPANSION LINEAR AREA (OUTSIDE OF CELL 2A FINAL COVER OVERLAY) BOUNDARY BY THE 6" SAND LEVELING COURSE THICKNESS.

8. QUANTITIES PROVIDED FOR GRANULAR DRAINAGE MATERIAL (GDM) WERE CALCULATED BY MULTIPLYING THE TWO-DIMENSIONAL SURFACE AREA WITHIN THE EDGE OF LINER BOUNDARY BY THE 18" GDM THICKNESS. THIS QUANTITY DOES NOT INCLUDE ADDITIONAL GRANULAR DRAINAGE MATERIAL REQUIRED FOR MOUNDING OVER PIPES AS SHOWN ON DETAILS 2, 4, & 6, SHEET C006.

9. MATERIALS INCLUDED IN TABLES ARE NOT INCLUSIVE OF ALL MATERIALS REQUIRED TO CONSTRUCT THE PROJECT AS DETAILED IN THE PLANS AND SPECIFICATIONS. REVIEW PLANS AND SPECIFICATIONS TO INCORPORATE ALL NECESSARY MATERIALS AND QUANTITIES FOR PROJECT CONSTRUCTION.

**BURNS
MCDONNELL**

Burns & McDonnell Engineering Co, Inc
LICENSE NO. AECC322

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APRIL 2025 | R. HEAMA

designed
checked
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MATANUSKA-SUSITNA BOROUGH, ALASKA

CONFORMING TO CONSTRUCTION RECORDS

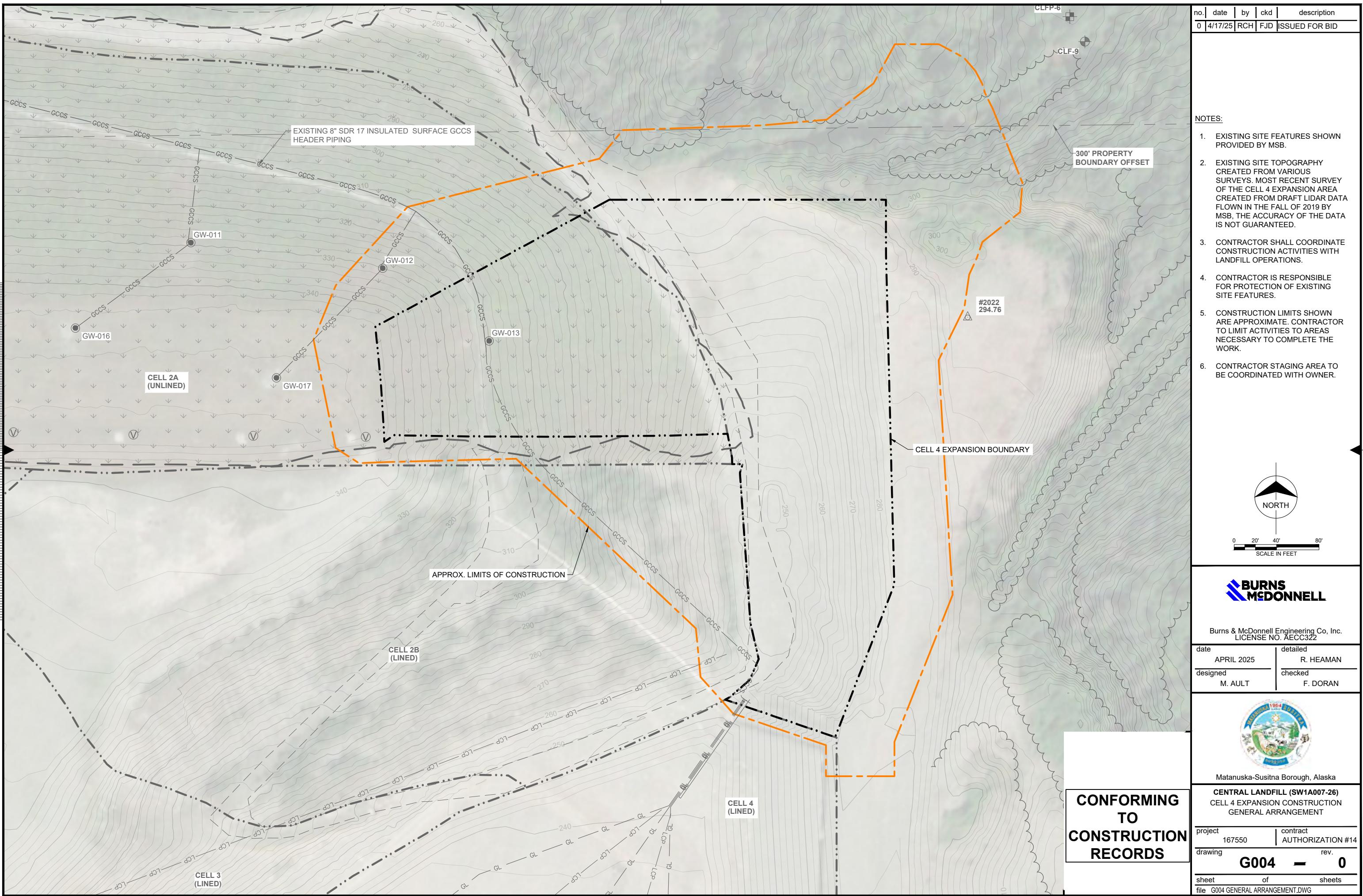
CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
LEGEND, ABBREVIATIONS, & QUANTITIES

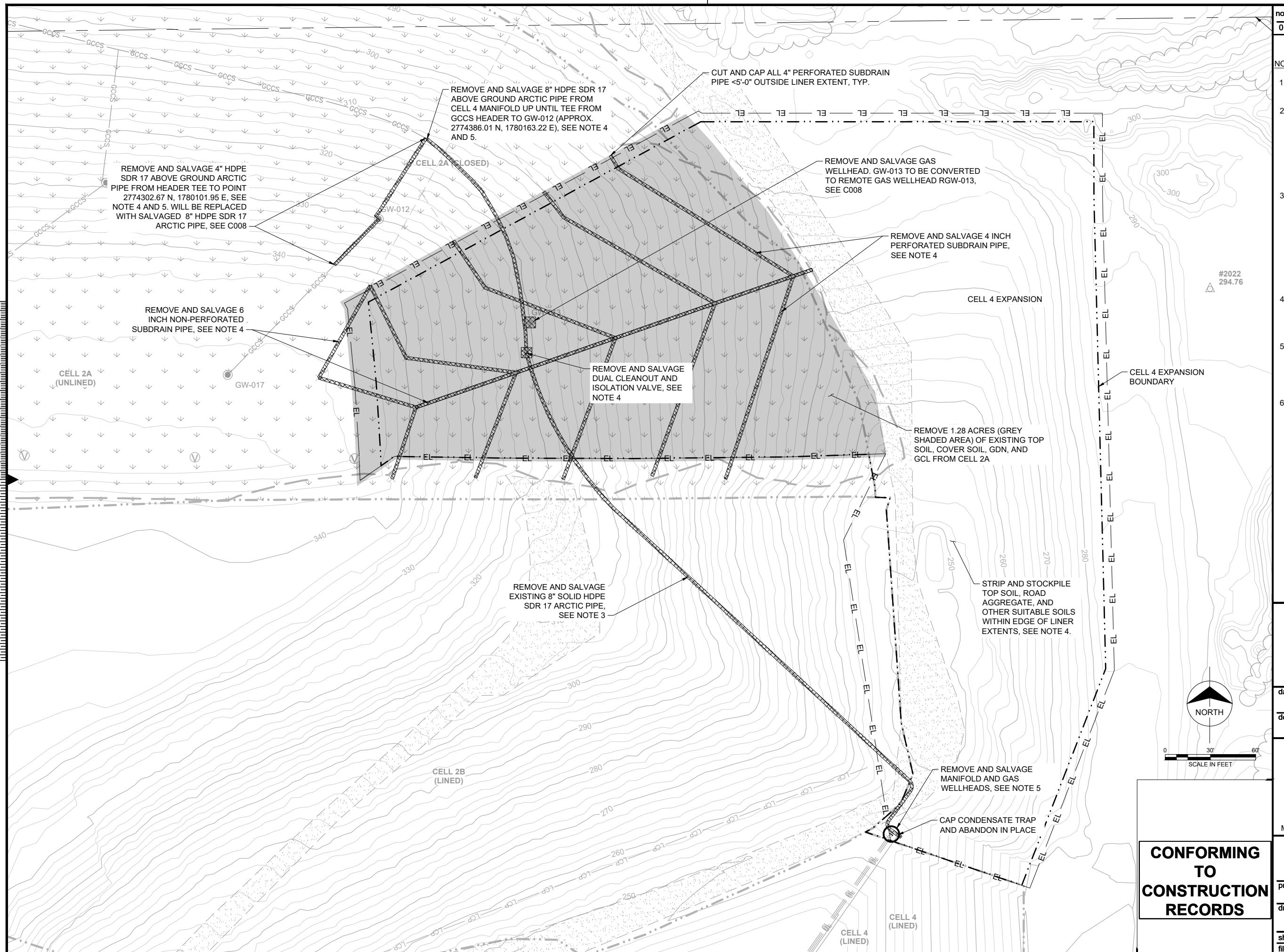
project 167550 | contract AUTHORIZATION #

drawing rev. G002 - 0

Sheet of sheets

e G002 LEGEND & ABBREVIATIONS.DWG





date	by	ckd	description
4/17/25	RCH	FJD	ISSUED FOR BID

TESTS:

EXISTING SITE FEATURES SHOWN PROVIDED BY MSB.

EXISTING SITE TOPOGRAPHY CREATED FROM VARIOUS SURVEYS. MOST RECENT SURVEY OF THE CELL 4 EXPANSION AREA CREATED FROM DRAFT LIDAR DATA FLOWN IN THE FALL OF 2019 BY MSB, THE ACCURACY OF THE DATA IS NOT GUARANTEED.

APPROXIMATELY 600-FT OF 8" SOLID ARCTIC PIPE TO BE REMOVED. APPROXIMATELY 480-FT TO BE REUSED TO CONNECT CELL 4 GAS LATERALS, SEE SHEET C008. THE REMAINING REMOVED 8" ARCTIC PIPE SHALL BE RELOCATED TO AN ON-SITE STORAGE LOCATION BY CONTRACTOR, COORDINATE WITH OWNER.

ALL OTHER SALVAGED MATERIAL SHALL BE RELOCATED TO AN ON-SITE STORAGE LOCATION, COORDINATE WITH OWNER.

ALL PIPE ENDS SHALL BE CAPPED UNTIL PERMANENT GCCS COMPONENTS CAN BE CONSTRUCTED. MAXIMUM SHUT DOWN OF GCCS IS 8 HOURS.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE UNKNOWN (SHOWN AT APPROXIMATE LOCATIONS) AND SHALL BE FIELD VERIFIED BY CONTRACTOR. UTILITIES MAY INCLUDE ELECTRIC, LEACHATE GRAVITY PIPING, LEACHATE FORCEMAINS, LANDFILL GAS PIPING, STORMWATER SURDRAIN PIPE, ETC.

**BURNS
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urns & McDonnell Engineering Co, Inc.
LICENSE NO. AECC322

APRIL 2025 | **detailed** R. HEAMAN



ANUSKA-SUSITNA BOROUGH, ALASKA

**CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
DEMOLITION PLAN**

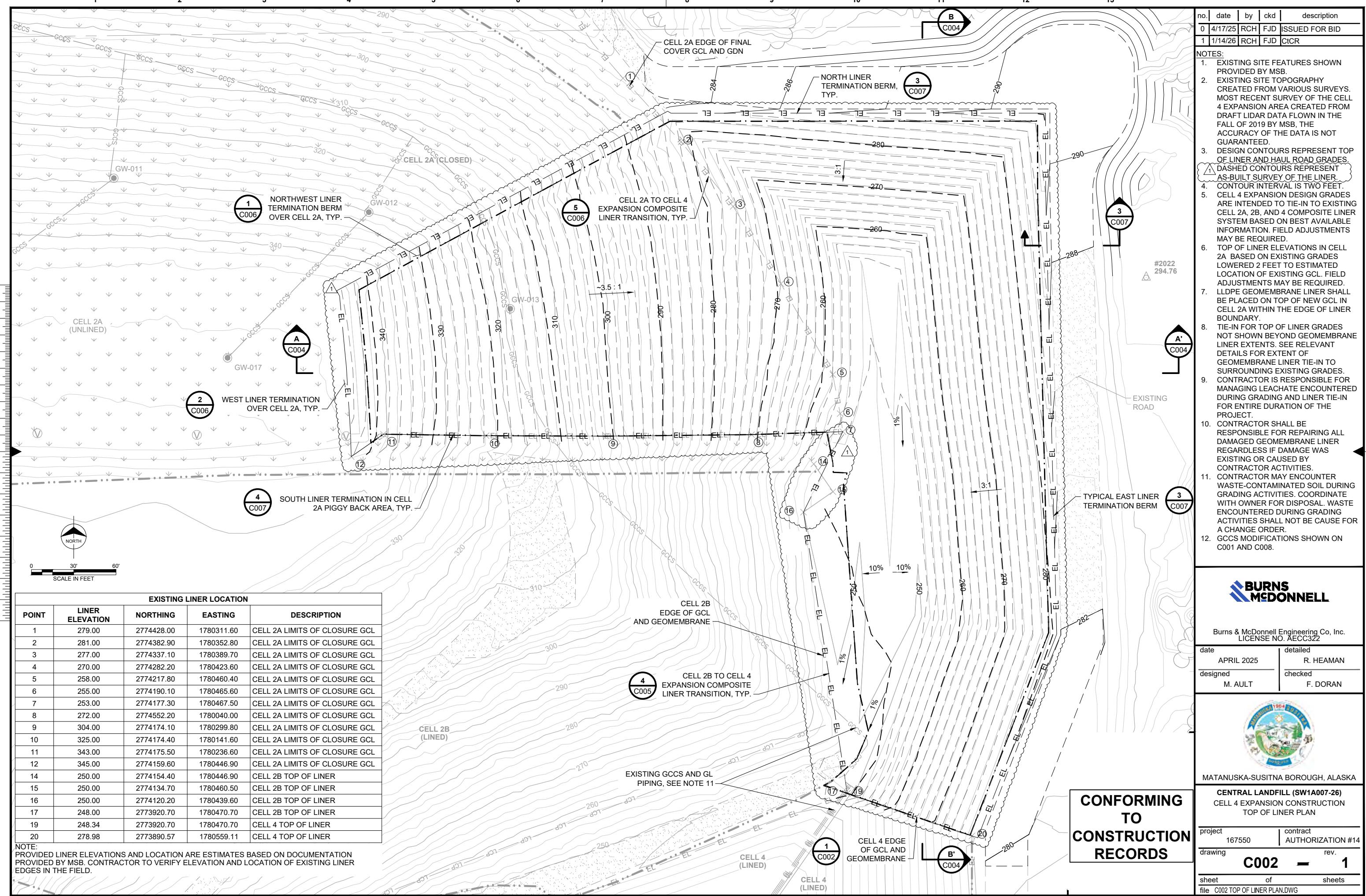
167550 | contract
AUTORIZATION #14

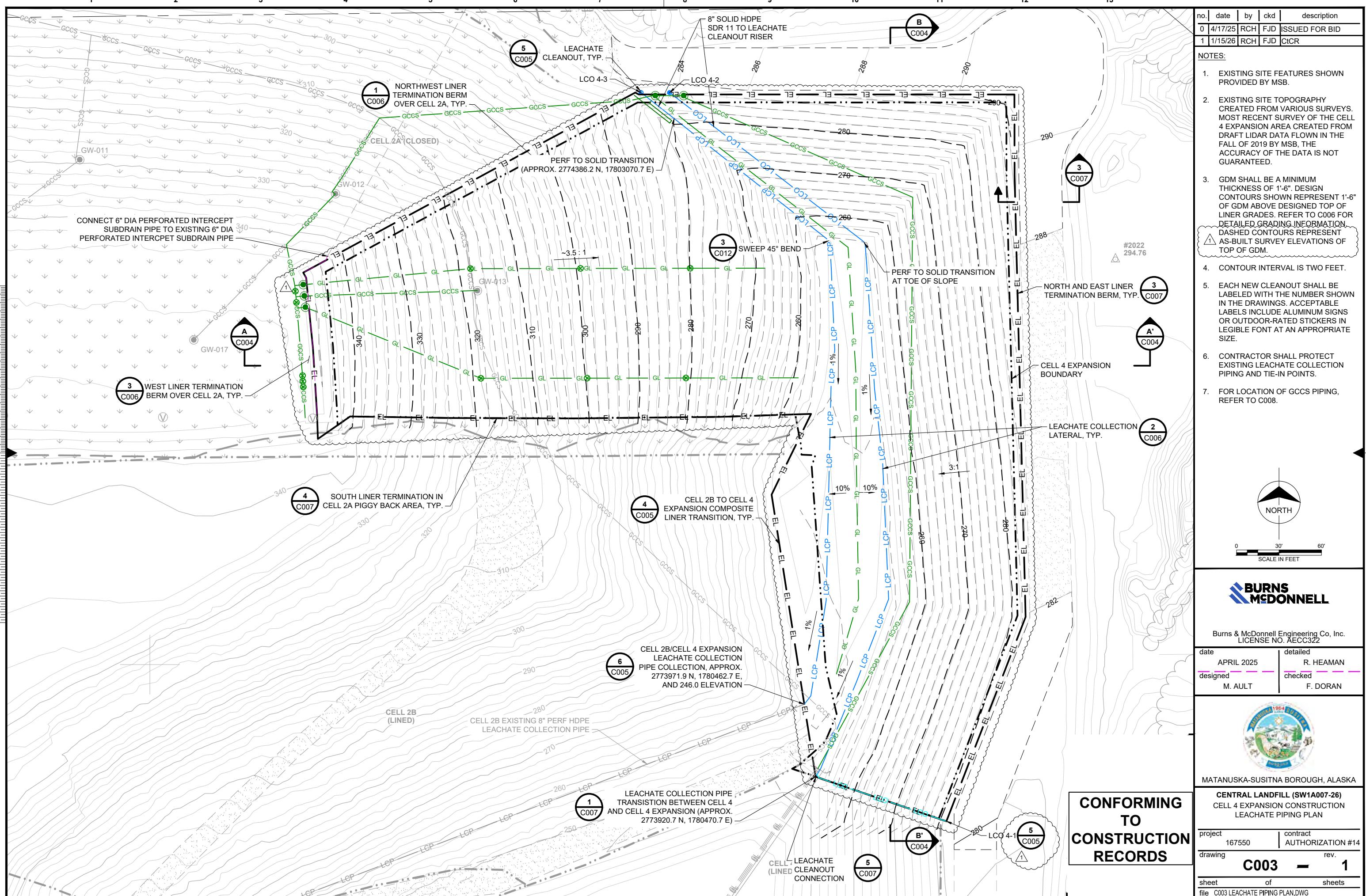
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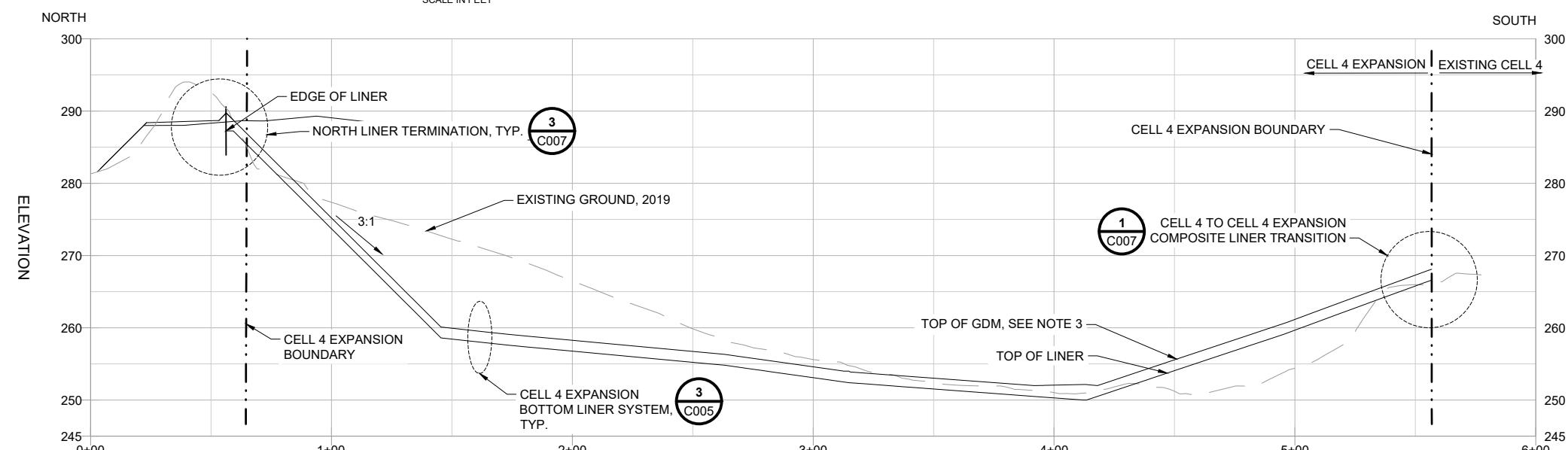
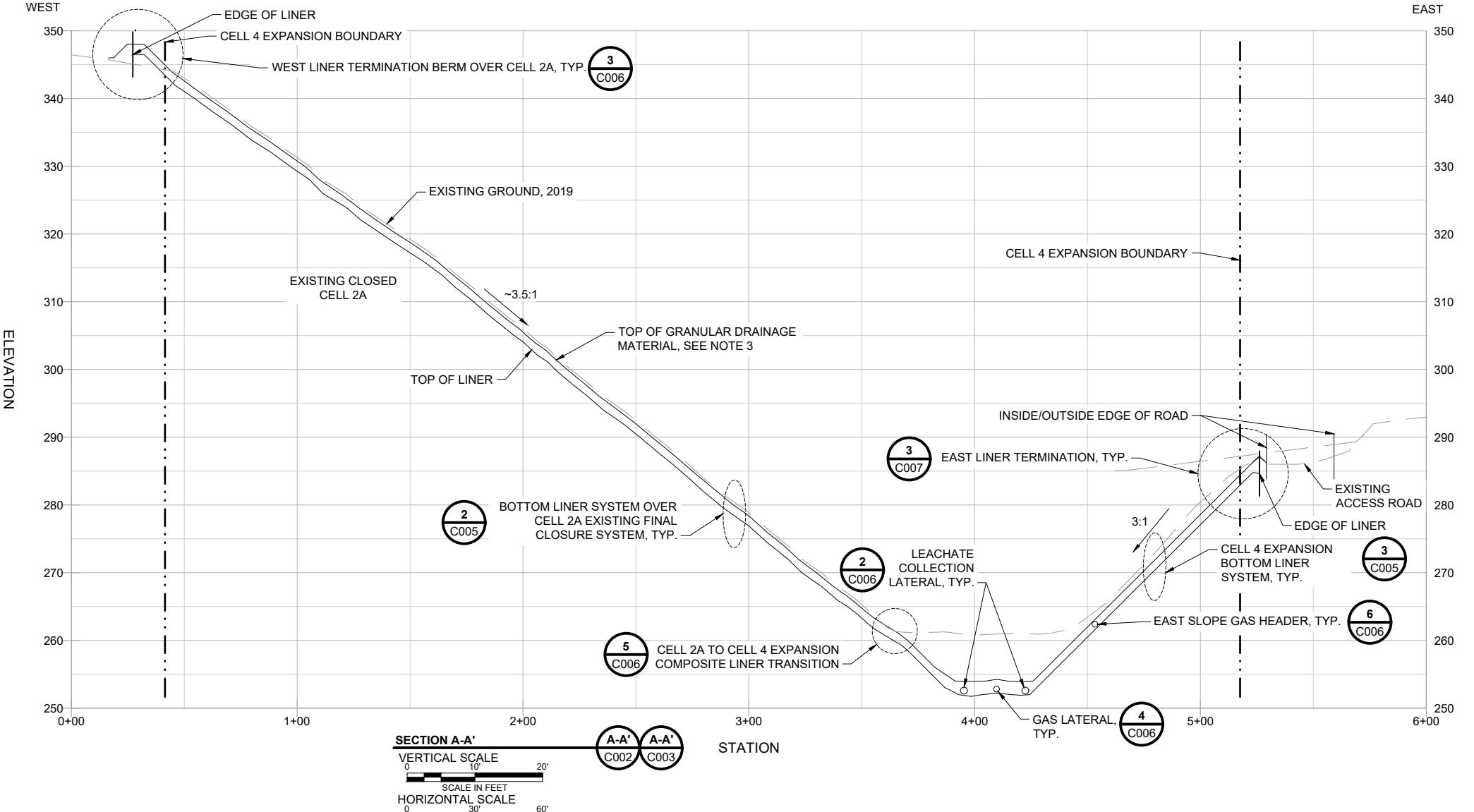
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OUT DEMOLITION.DWG

CONFORMING TO INSTRUCTION RECORDS







CONFORMING TO CONSTRUCTION RECORDS

	date	by	ckd	description
	4/17/25	RCH	FJD	ISSUED FOR BID

OTES:

1. EXISTING SITE FEATURES SHOWN PROVIDED BY MSB.
2. EXISTING SITE TOPOGRAPHY CREATED FROM VARIOUS SURVEYS. MOST RECENT SURVEY OF THE CELL 4 EXPANSION AREA CREATED FROM DRAFT LIDAR DATA FLOWN IN THE FALL OF 2019 BY MSB. THE ACCURACY OF THE DATA IS NOT GUARANTEED.
3. GDM SHALL BE MINIMUM THICKNESS OF 1'-6". DESIGN CONTOURS SHOWN REPRESENT 1'-6" OF GDM ABOVE DESIGNED TOP OF LINER GRADES. REFER TO C006 FOR DETAIL GRADING INFORMATION.

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APRIL 2025	detailed
ned	R. HEAMAN
M. AULT	checked
	E. DORAN



ANUSKA-SUSITNA BOROUGH, ALASKA

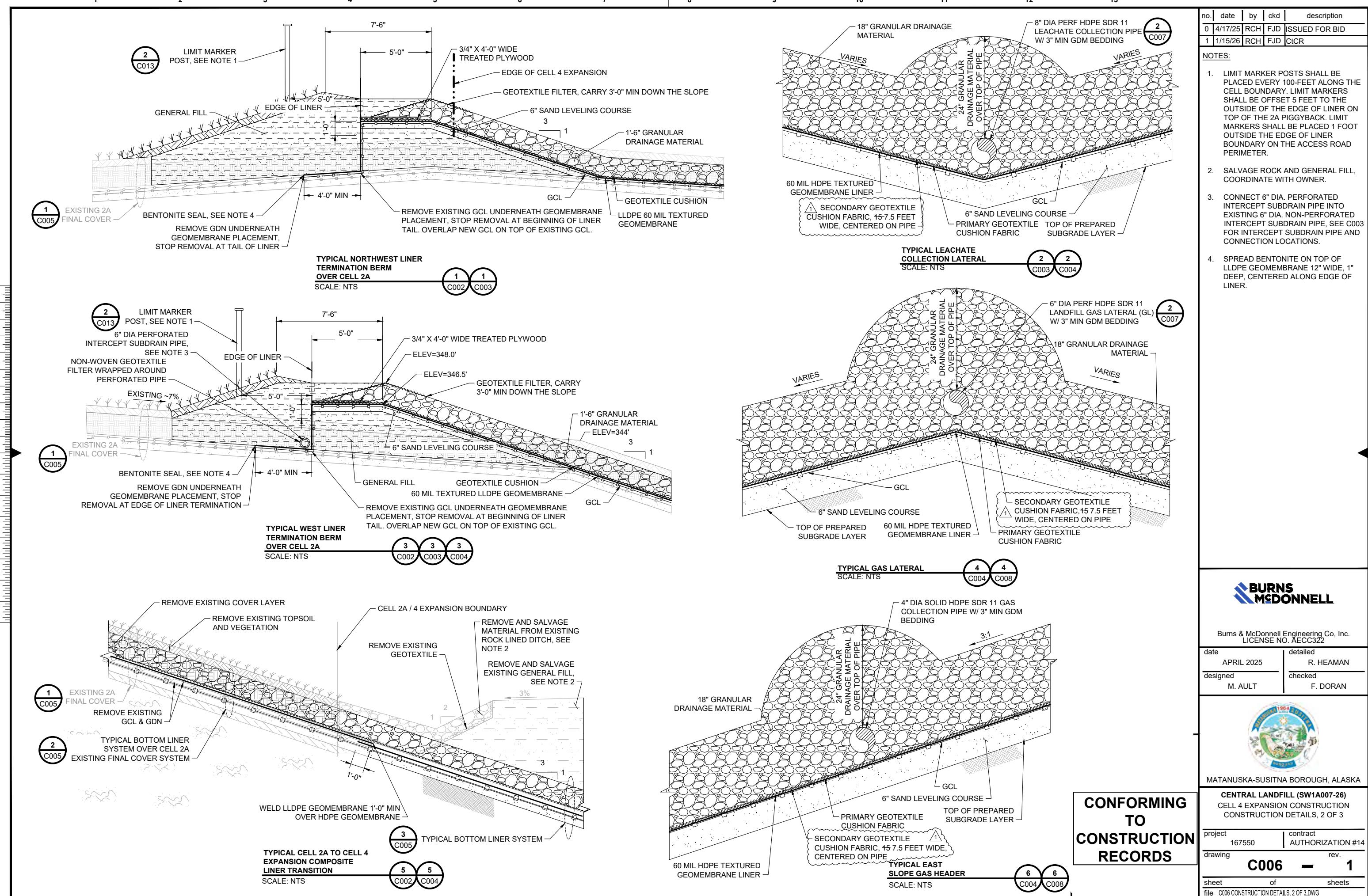
**CENTRAL LANDFILL (SW-1A007-26)
CELL 4 EXPANSION CONSTRUCTION
CROSS SECTIONS**

Contract

107550 | AUTHORIZATION #14

C004 = 0

004 CROSS SECTIONS DWG



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Burns & McDonnell Engineering Co., Inc.
LICENSE NO. AECC322

date
APRIL 2025
detailed
R. HEAMAN
designed
M. AULT
checked
F. DORAN

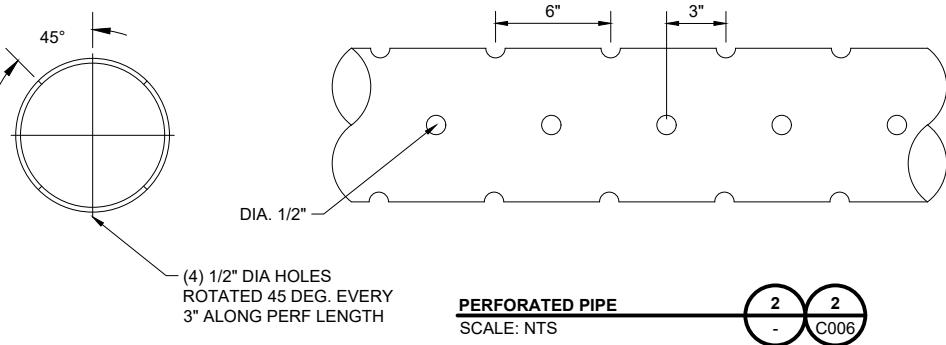
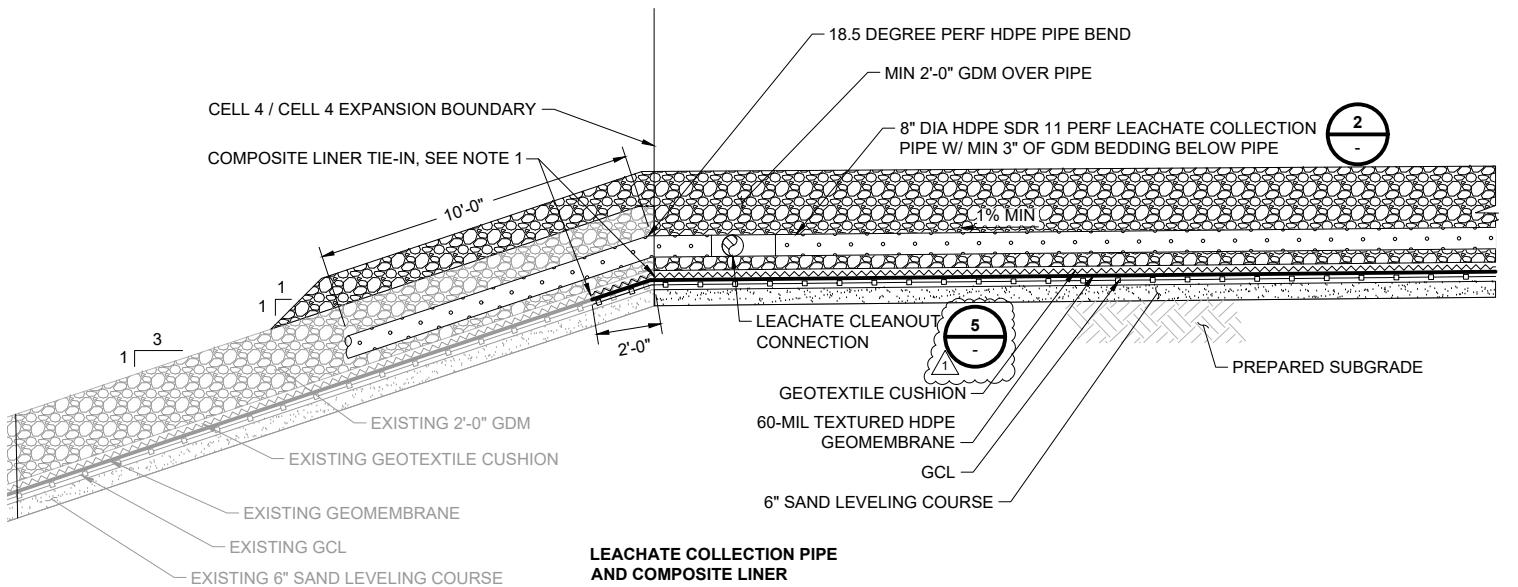


MATANUSKA-SUSITNA BOROUGH, ALASKA
CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
CONSTRUCTION DETAILS, 2 OF 3

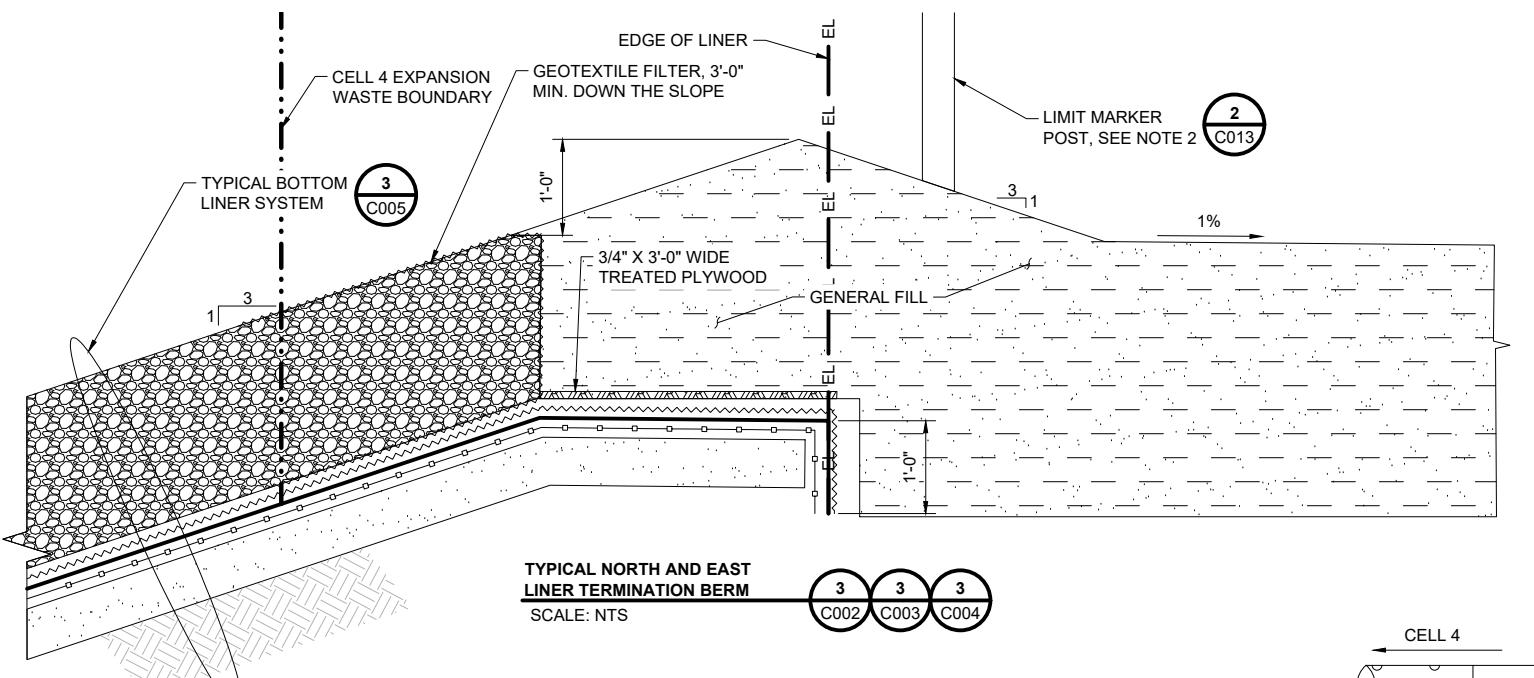
project
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contract
AUTHORIZATION #14
drawing
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rev.
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sheet
of
sheets
file C006 CONSTRUCTION DETAILS, 2 OF 3.DWG

no.	date	by	ckd	description
0	4/17/25	RCH	FJD	ISSUED FOR BID
1	1/15/26	RCH	FJD	CICR

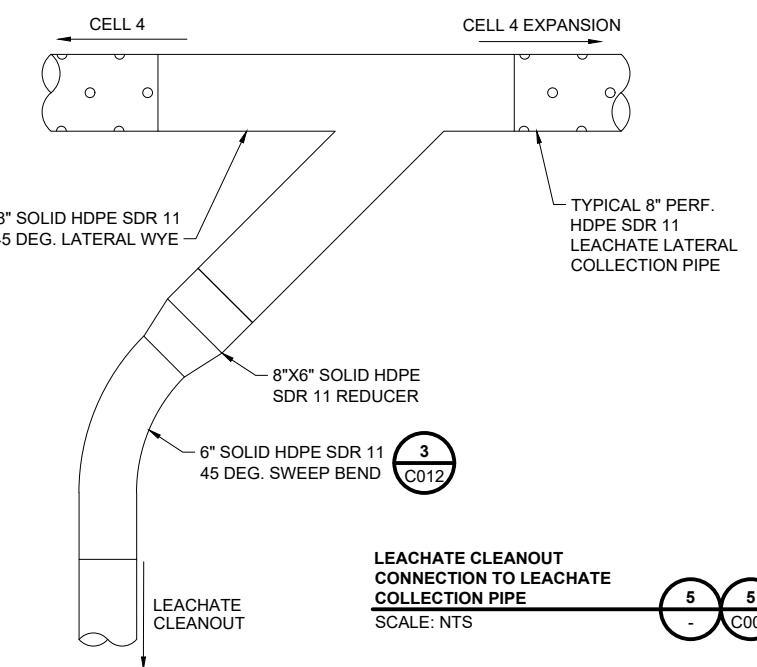
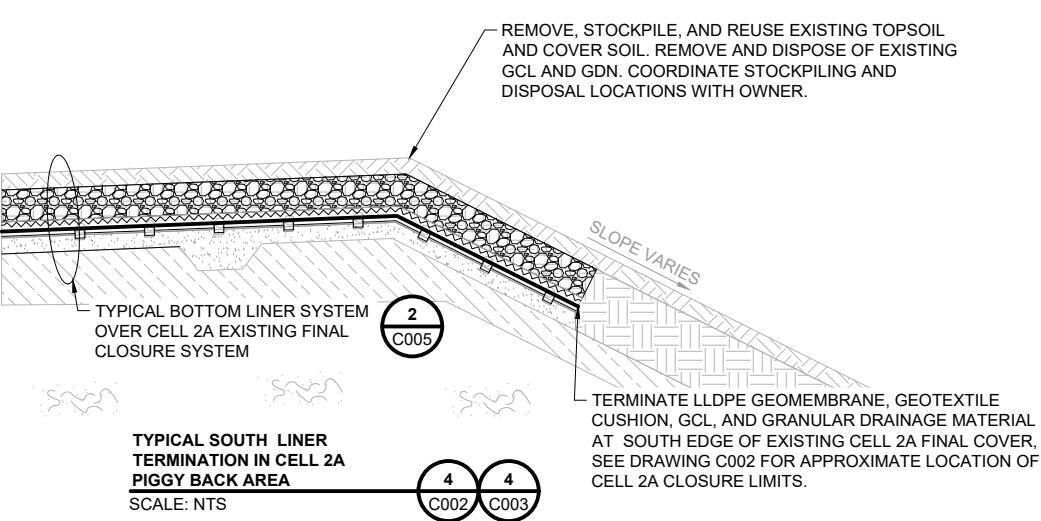
NOTES:	1. UNCOVER EXISTING NORTHERN EDGE OF CELL 4 GEOMEMBRANE. EXPOSE A MINIMUM OF 2'-0" OF EXISTING GCL. OVERLAY NEW GCL ON TOP OF EXISTING GCL WITH A MINIMUM OF 2'-0" OVERLAP. PLACE POWERED BENTONITE BETWEEN GCL OVERLAP. FUSION WELD EXISTING GEOMEMBRANE AND NEW GEOMEMBRANE TOGETHER.
B	2. LIMIT MARKER POSTS SHALL BE PLACED EVERY 100-FEET ALONG THE CELL BOUNDARY. LIMIT MARKERS SHALL BE OFFSET 5 FEET TO THE OUTSIDE OF THE EDGE OF LINER ON TOP OF THE 2A PIGGYBACK. LIMIT MARKERS SHALL BE PLACED 1 FOOT OUTSIDE THE EDGE OF LINER BOUNDARY ON THE ACCESS ROAD PERIMETER.
C	
D	
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G	 Burns & McDonnell Engineering Co., Inc. LICENSE NO. AECC322
H	
I	 MATANUSKA-SUSITNA BOROUGH, ALASKA CENTRAL LANDFILL (SW1A007-26) CELL 4 EXPANSION CONSTRUCTION CONSTRUCTION DETAILS, 3 OF 3 project 167550 contract AUTHORIZATION #14 drawing C007 rev. 1 sheet of sheets file C007 CONSTRUCTION DETAILS, 3 OF 3.DWG



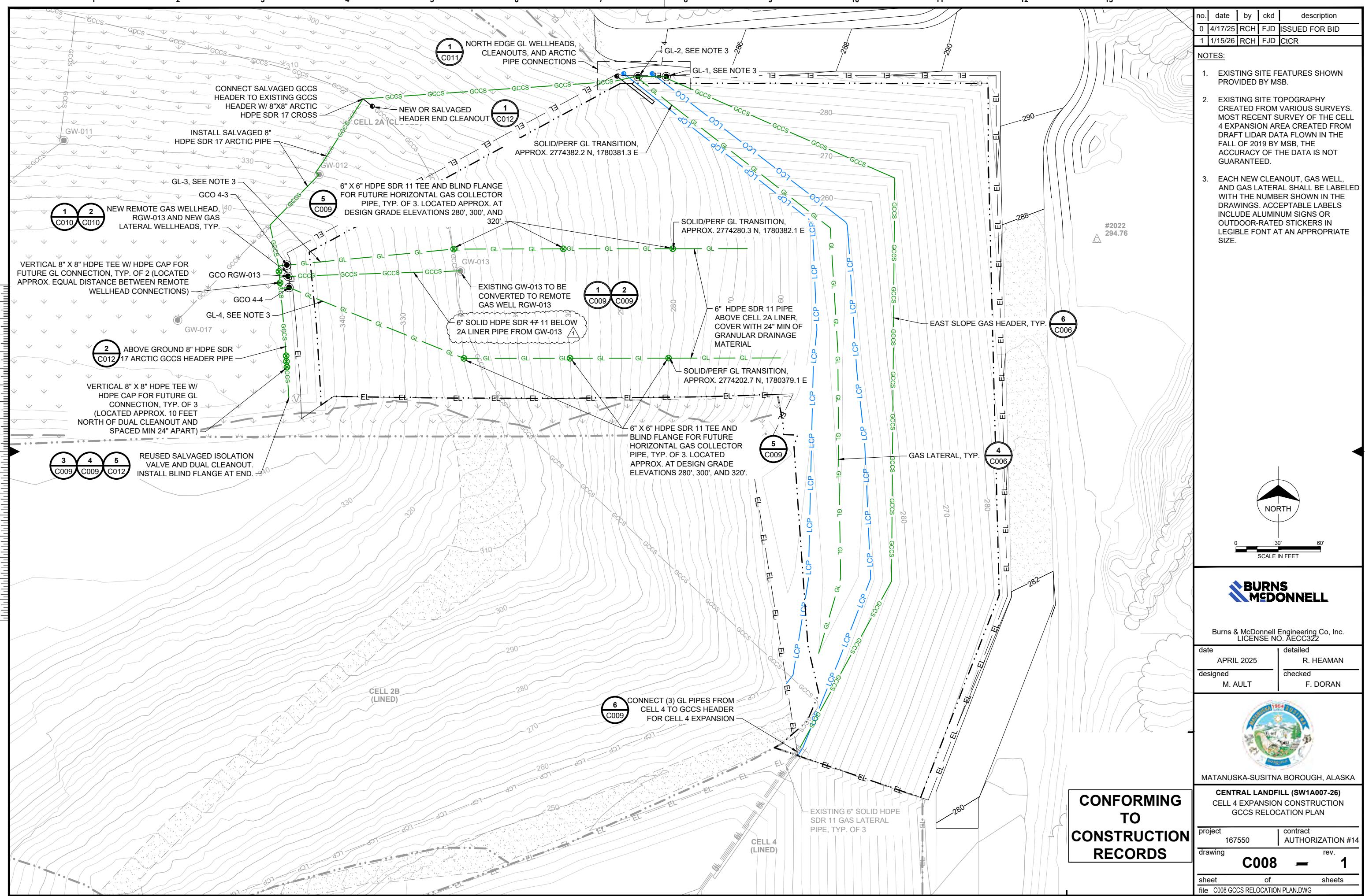
LEACHATE COLLECTION PIPE
AND COMPOSITE LINER
TRANSITION BETWEEN CELL 4
AND CELL 4 EXPANSION
SCALE: NTS
C002 C003 C004



TYPICAL NORTH AND EAST
LINER TERMINATION BERM
SCALE: NTS
C002 C003 C004

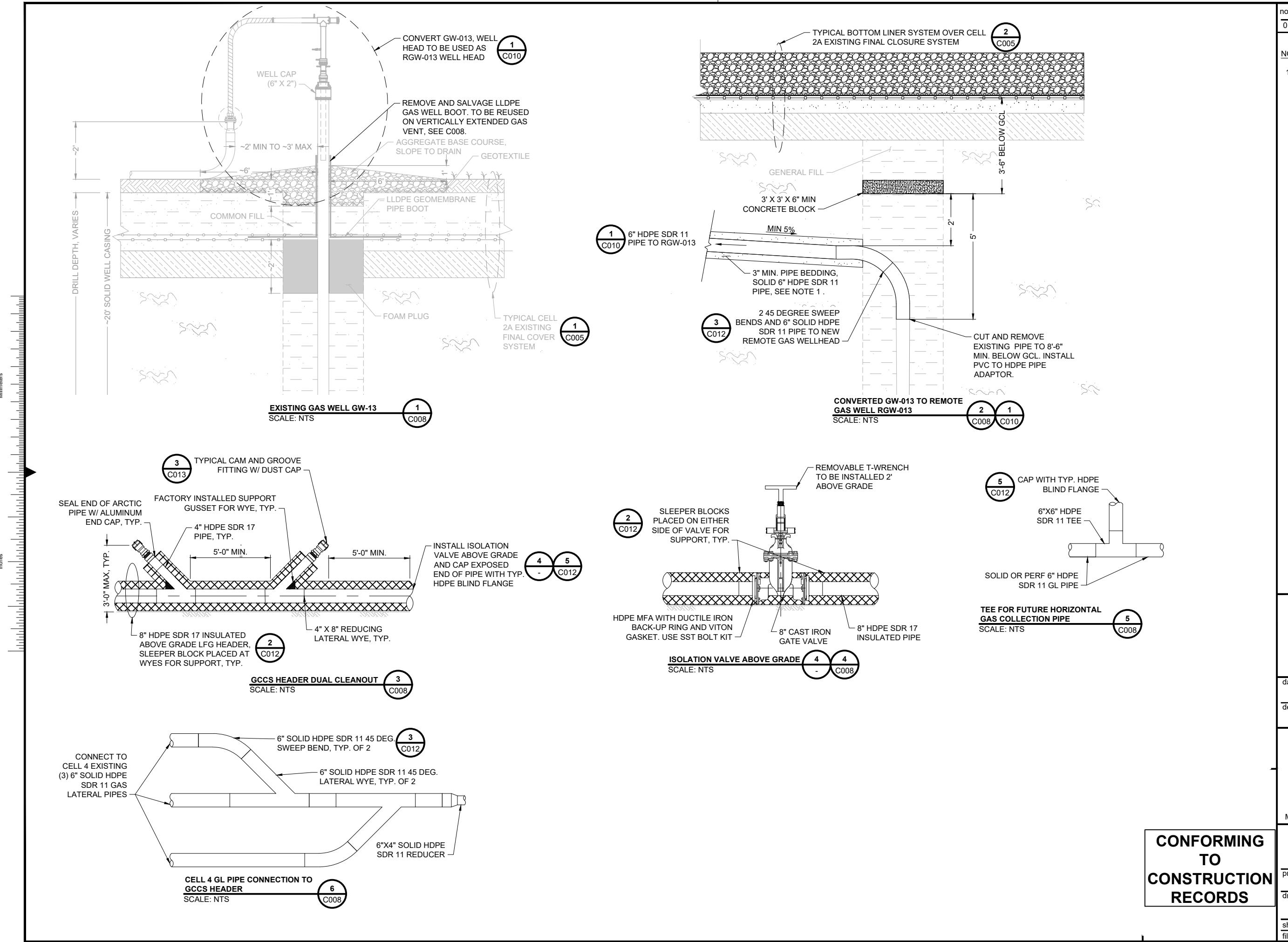


CONFORMING
TO
CONSTRUCTION
RECORDS



NOTES:

- WASTE EXCAVATED DURING INSTALLATION OF REMOTE GAS WELL PIPE MAY BE BACKFILLED IN REMOTE GAS WELL TRENCH AFTER PLACEMENT OF PIPE AND BEDDING MATERIAL. WASTE BACKFILL SHALL EXTEND FROM THE TOP OF PIPE BEDDING MATERIAL TO NO MORE THAN TWO FEET BELOW THE GCL. FROM 24" TO 6" BELOW THE GCL, BACKFILL WITH GENERAL FILL. THE FINAL 6" BELOW THE GCL SHALL BE BACKFILLED WITH SAND LEVELING COURSE MATERIAL.



no.	date	by	ckd	description
0	4/17/25	RCH	FJD	ISSUED FOR BID
1	1/15/26	RCH	FJD	CICR

NOTES:

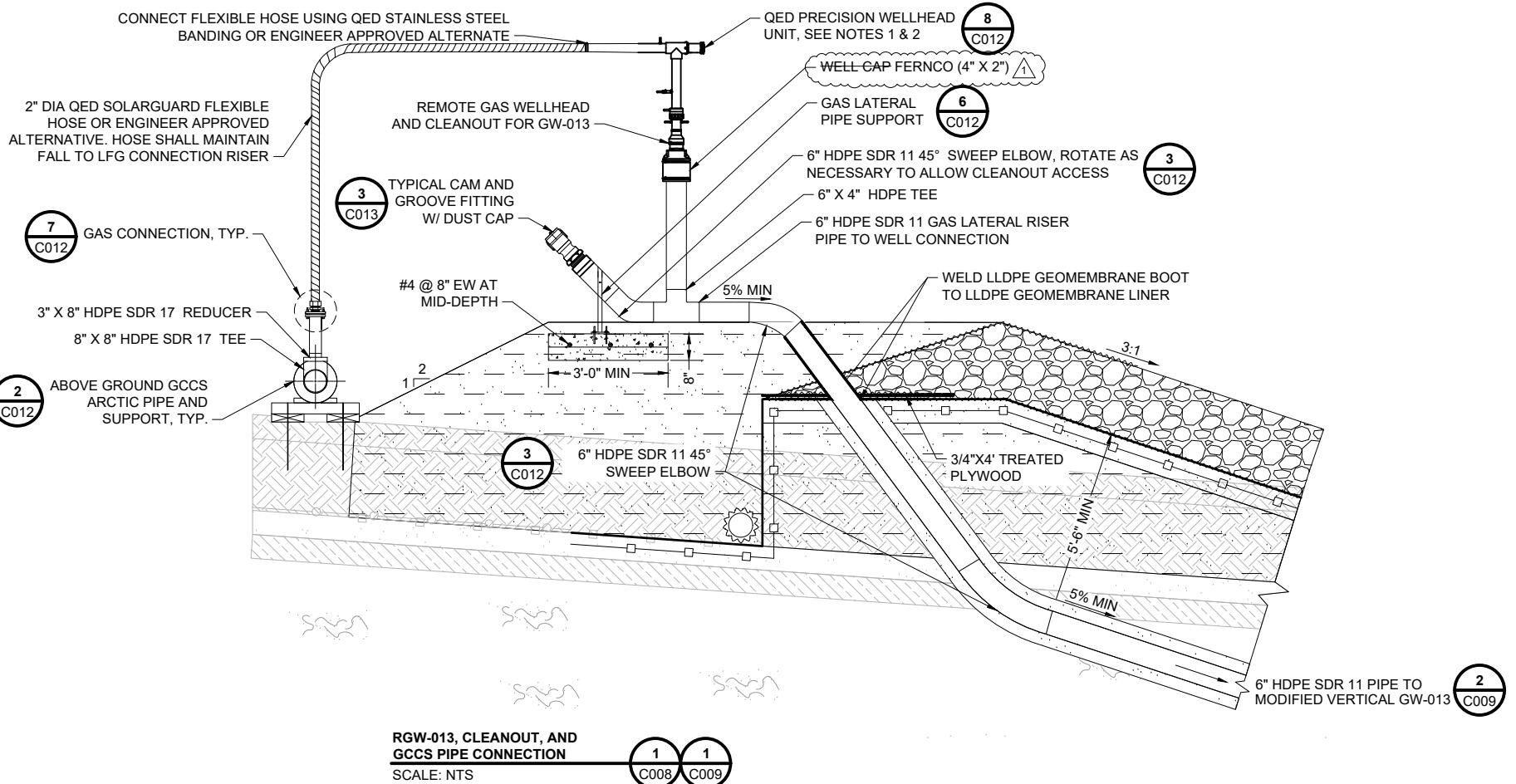
1. THE WELLHEAD ASSEMBLY SHALL BE SUPPLIED AS A COMPLETE MANUFACTURED QED PRECISION WELLHEAD UNIT OR ENGINEER-APPROVED ALTERNATE. CONTRACTOR TO SUPPORT WELLHEAD WITH T-POSTS AND SLEEPER BLOCKS. CONTRACTOR SHALL MAINTAIN LINER INTEGRITY WHEN INSTALLING T-POSTS AND SLEEPER BLOCKS.
2. INSTALL QED POLAR GUARD INSULATING WELLHEAD COVER, OR ENGINEER-APPROVED ALTERNATE, ON ALL WELLHEADS.
3. CONTRACTOR SHALL MOUND 24" OF UNCOMPACTED GRANULAR DRAINAGE MATERIAL OVER ALL GAS LATERAL AND CONDENSATE DRAIN PIPING UNLESS OTHERWISE NOTED.

Millimeters

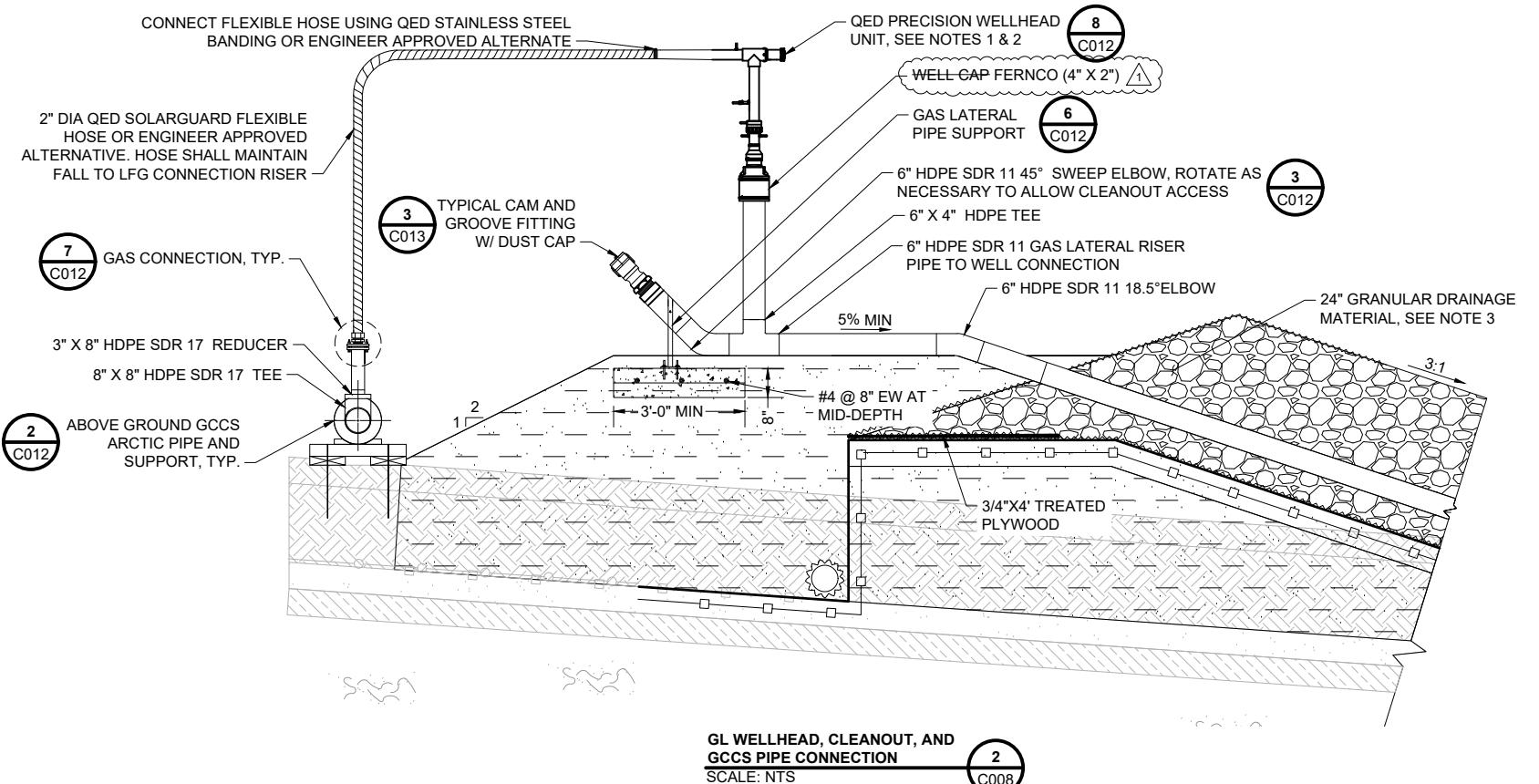
Scale For Microfilming

Inches

Scale For Microfilming



RGW-013, CLEANOUT, AND
GCCS PIPE CONNECTION
SCALE: NTS



GL WELLHEAD, CLEANOUT, AND
GCCS PIPE CONNECTION
SCALE: NTS

**CONFORMING
TO
CONSTRUCTION
RECORDS**

**BURNS
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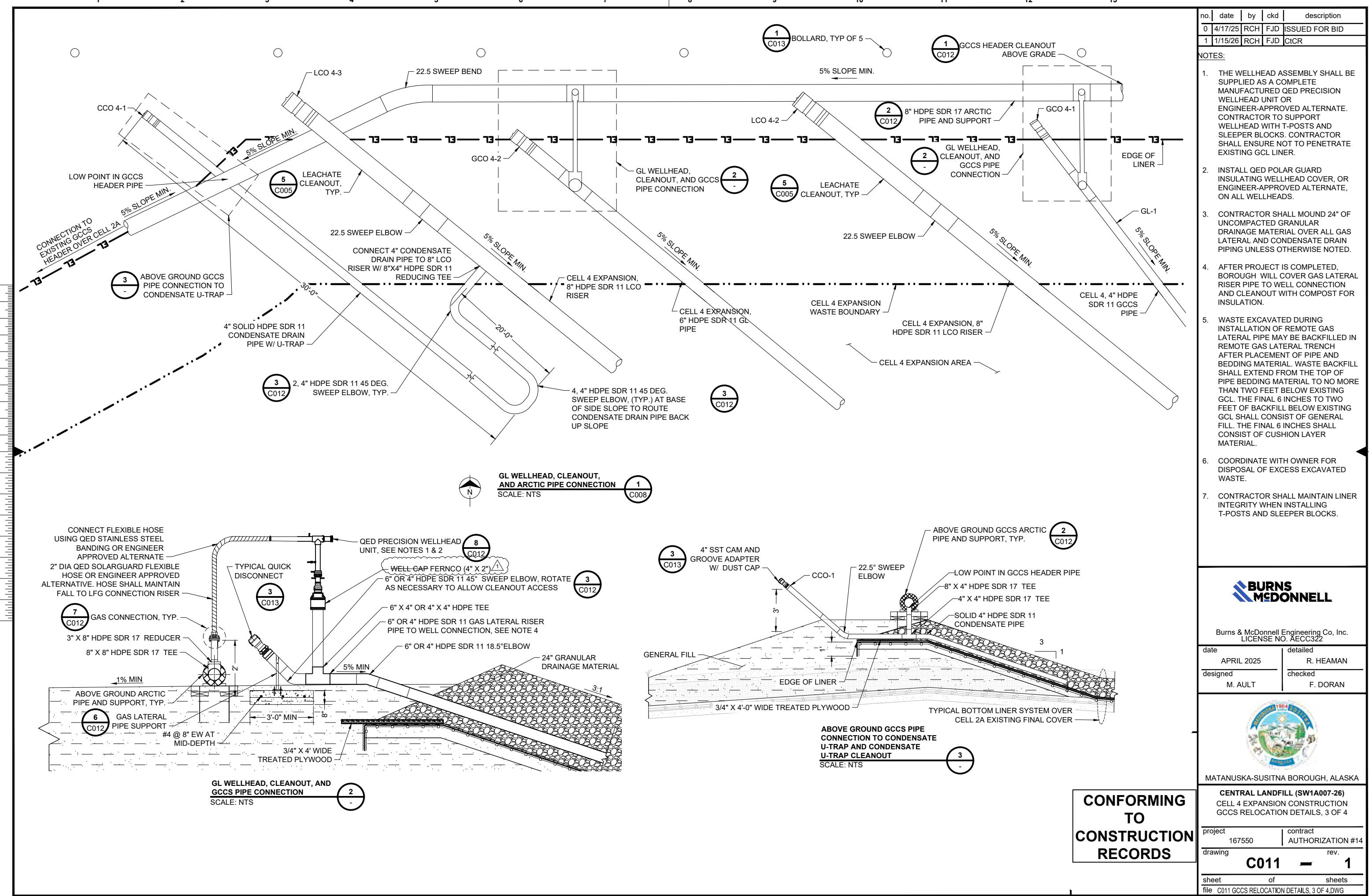
date
APRIL 2025
detailed
R. HEAMAN
designed
M. AULT
checked
F. DORAN

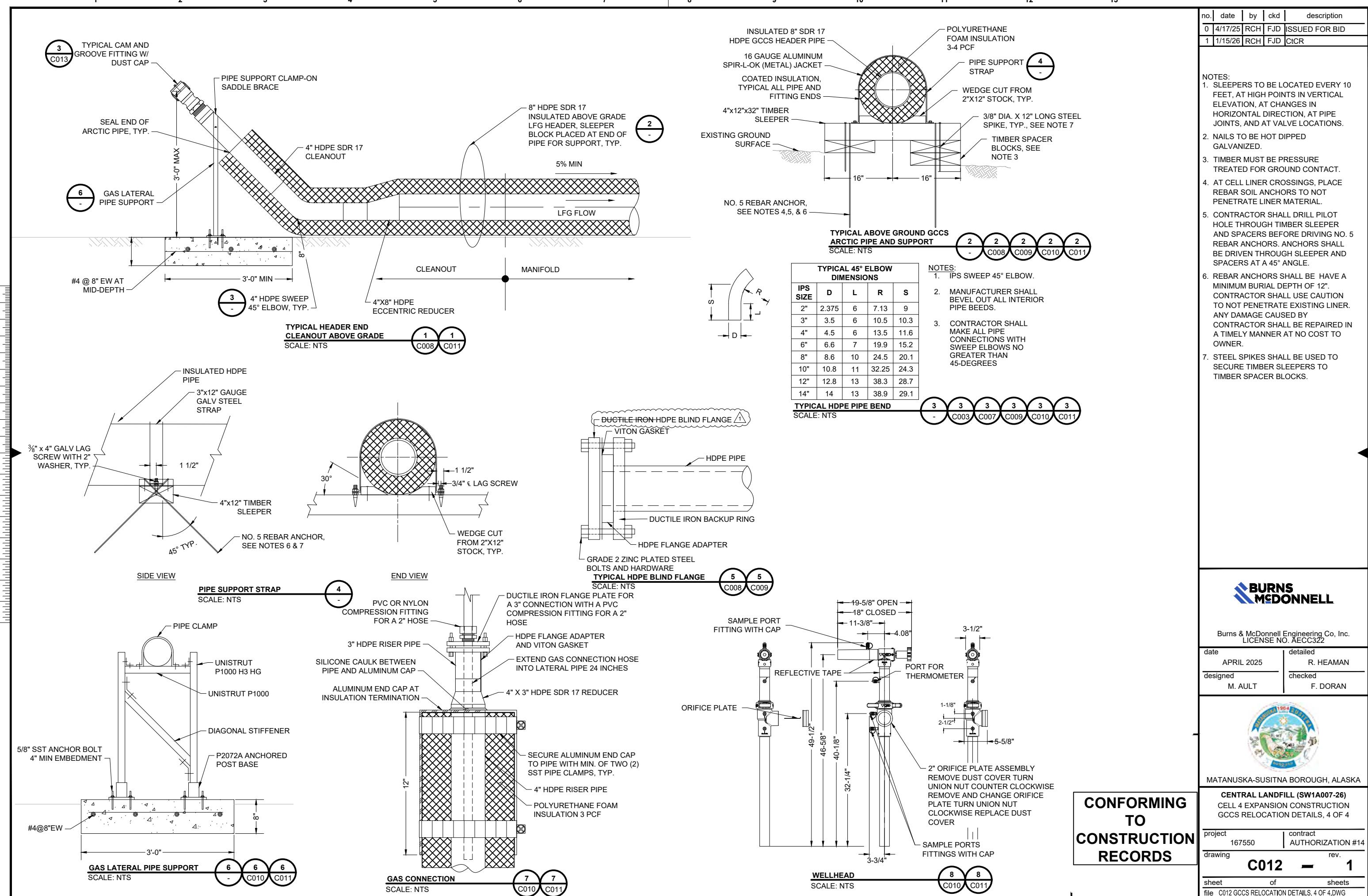


MATANUSKA-SUSITNA BOROUGH, ALASKA

CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
GCCS RELOCATION DETAILS, 2 OF 4

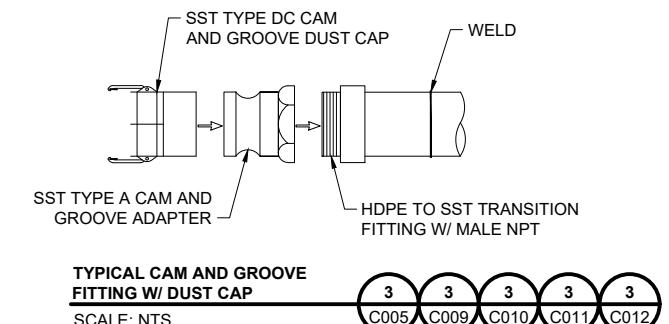
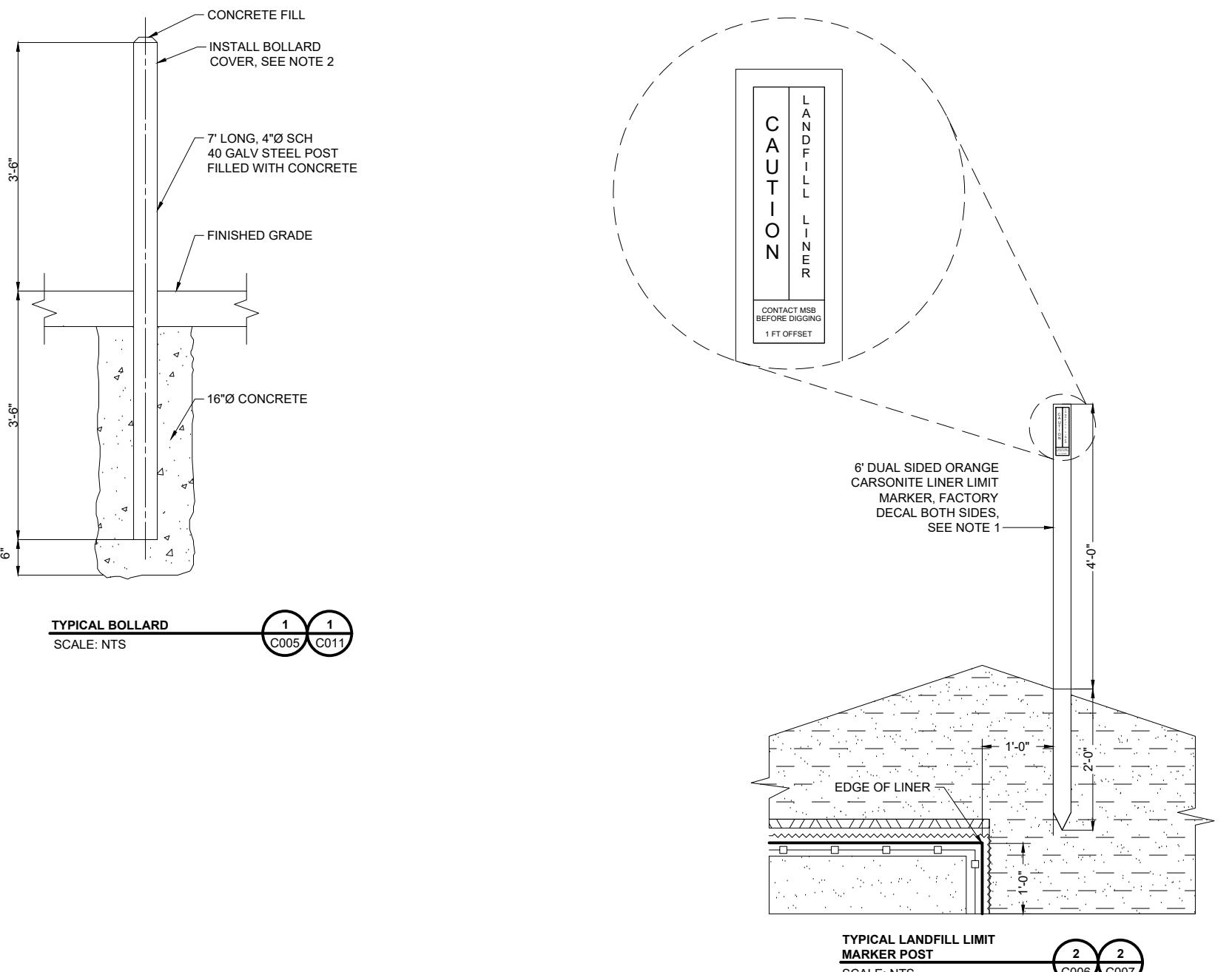
project
167550
contract
AUTHORIZATION #14
drawing
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rev.
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sheets
file C010 GCCS RELOCATION DETAILS, 2 OF 4.DWG





NOTES:

1. LIMIT MARKER POSTS SHALL BE PLACED EVERY 100-FEET ALONG THE CELL BOUNDARY. LIMIT MARKERS SHALL BE 1 FOOT OUTSIDE THE EDGE OF LINER BOUNDARY ON THE ACCESS ROAD PERIMETER AND 5 FEET OUTSIDE THE EDGE OF LINER BOUNDARY ON THE NORTH AND WEST SIDE OF THE CELL 2A PIGGYBACK PERIMETER.
2. PROVIDE YELLOW GUARD POST COVERS MOLDED FROM A DURABLE POLYETHYLENE WITH ULTRA-VIOLET STABILIZERS TO ENSURE PRODUCT LIFE AND COLOR FASTNESS. SECURE THE POLYETHYLENE GUARD POST AND COVER OR SLEEVE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDED CARSONITE SAV-T SLEEVE, THE GUARD POST COVER OR SLEEVE, OR APPROVED EQUAL.



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date APRIL 2025	detailed R. HEAMAN
designed M. AULT	checked F. DORAN



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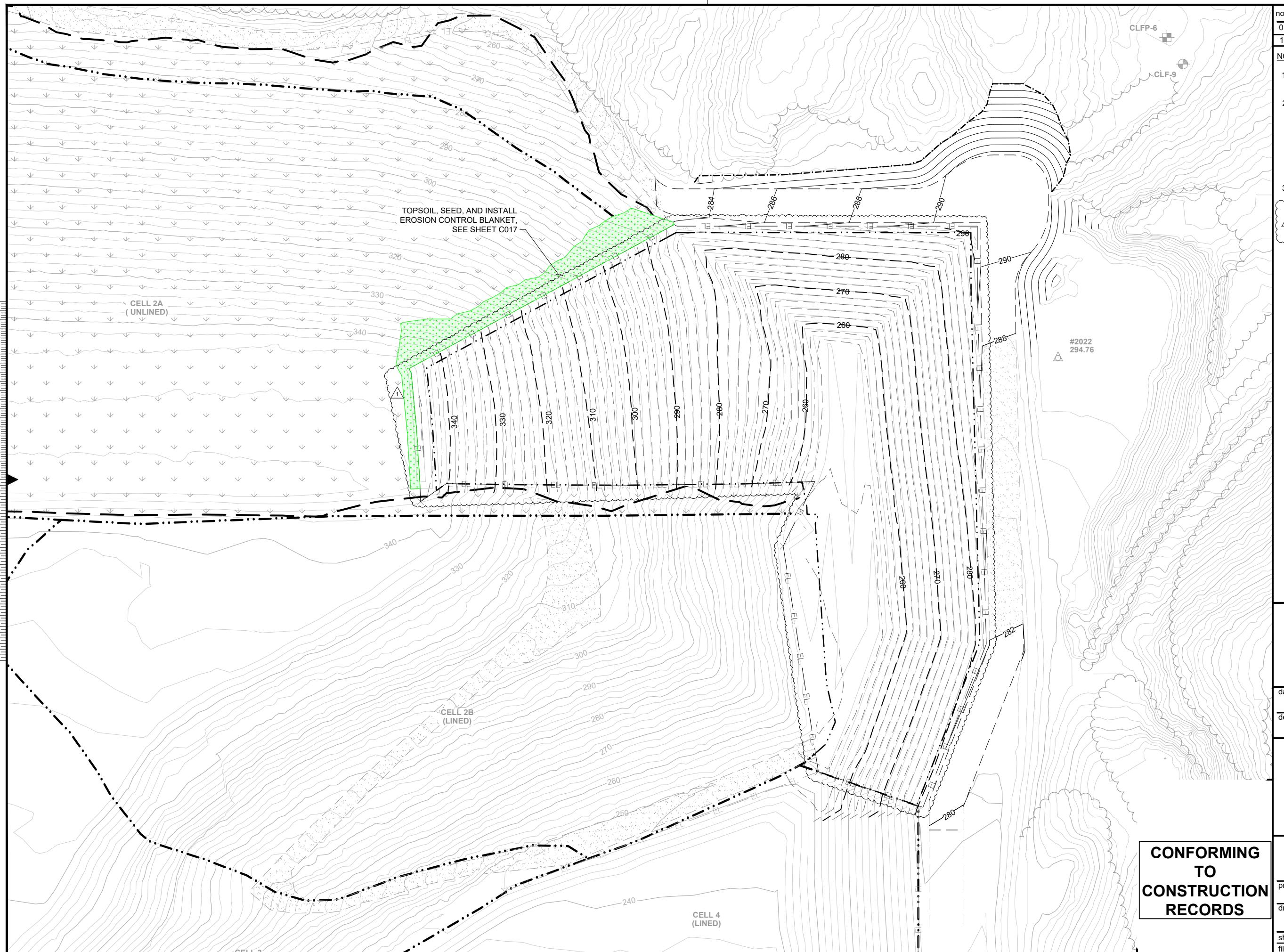
CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
MISCELLANEOUS CIVIL DETAILS

project 167550	contract AUTHORIZATION #14
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drawing C013	rev. 0
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sheet of C013 MISCELLANEOUS CIVIL DETAILS.DWG	sheets
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**CONFORMING
TO
CONSTRUCTION
RECORDS**



date	by	ckd	description
4/17/25	RCH	FJD	ISSUED FOR BID
1/15/26	RCH	FJD	CtCR

OTES:

EXISTING SITE FEATURES SHOWN PROVIDED BY MSB.

EXISTING SITE TOPOGRAPHY CREATED FROM VARIOUS SURVEYS. MOST RECENT SURVEY OF THE CELL 4 EXPANSION AREA CREATED FROM DRAFT LIDAR DATA FLOWN IN THE FALL OF 2019 BY MSB, THE ACCURACY OF THE DATA IS NOT GUARANTEED.

DESIGN CONTOURS REPRESENT TOP OF GRANULAR DRAINAGE MATERIAL AND ACCESS ROAD GRADES. DASHED CONTOURS REPRESENT AS-BUILT SURVEY OF TOP OF GRANULAR DRAINAGE MATERIAL.



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APRIL 2025



Matanuska-Susitna Borough, Alaska

CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
EROSION CONTROL PLAN

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167550 | AUTHORIZATION #14

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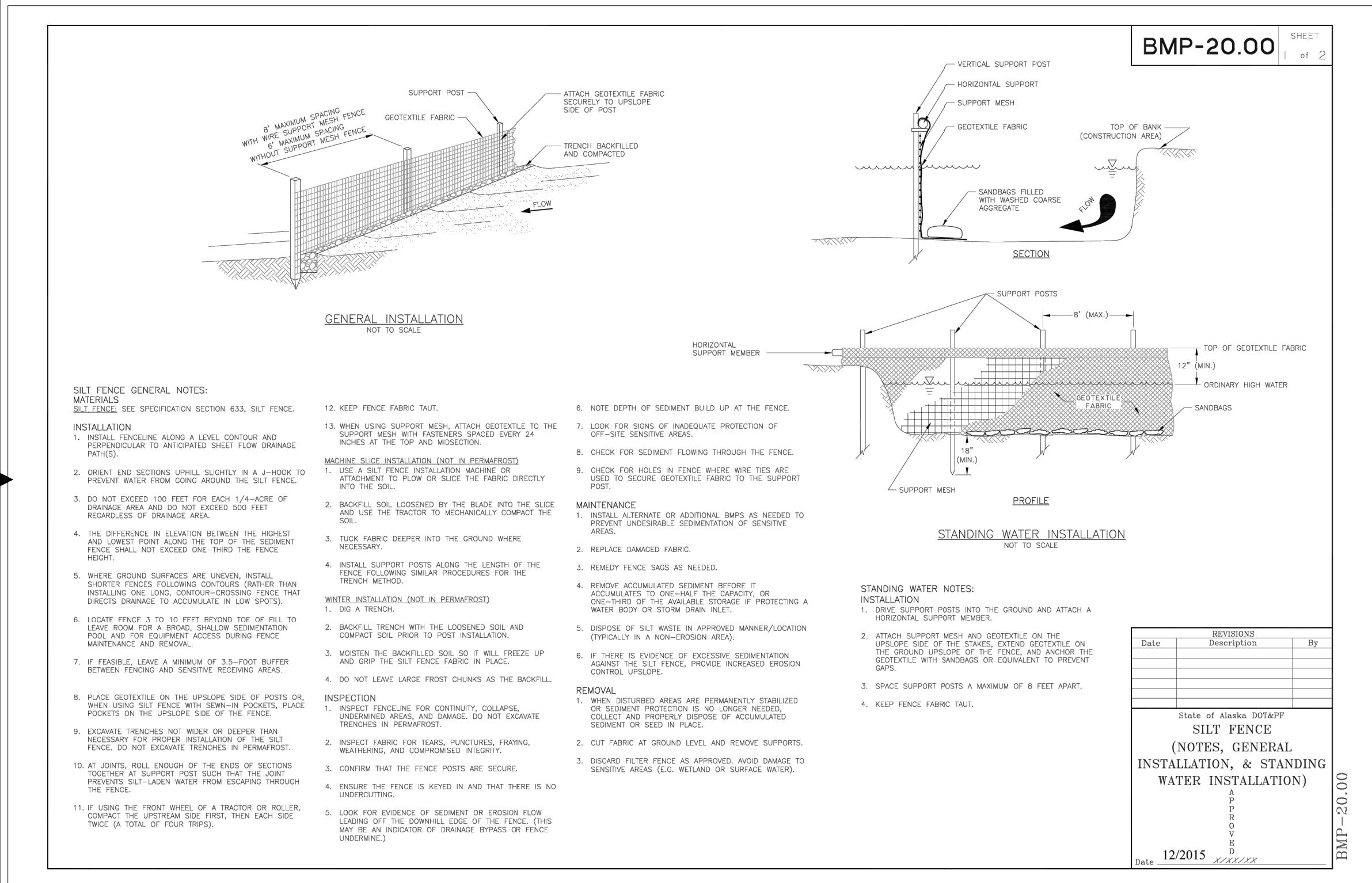
C014 EROSION CONTROL PLAN.DWG

CONFORMING TO CONSTRUCTION RECORDS

C014 — 1

NOTES:

1. DETAILS RETRIEVED APRIL 2024 FROM ALASKA SWPPP GUIDE, APPENDIX B - ALASKA DOT&PF BMPs DATED MARCH 2021.



NOTES:

1. DETAILS RETRIEVED APRIL 2024 FROM ALASKA SWPPP GUIDE, APPENDIX B - ALASKA DOT&PF BMPs DATED MARCH 2021.

BMP-20.00

SHEET
2 of 2

Scale for Microfilm

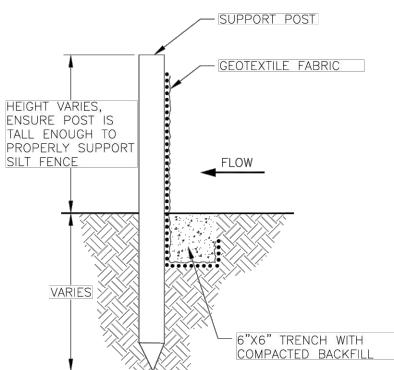
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Scale for Microfilm

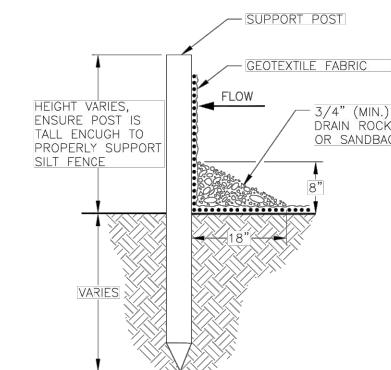
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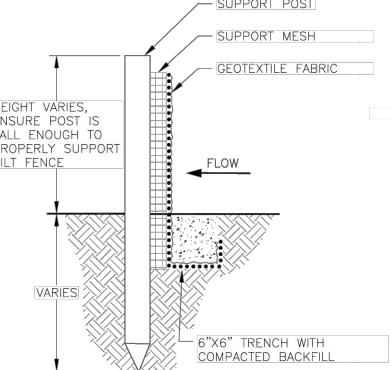
NOT TO SCALE

TRENCH DETAIL
NOT TO SCALE

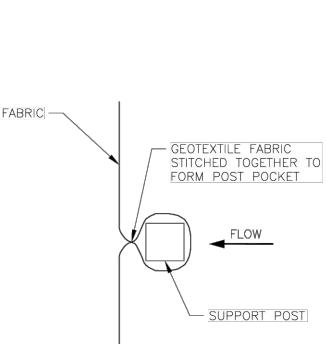
TRENCH NOTES:
INSTALLATION
1. DRIVE SUPPORT POSTS INTO THE GROUND.
2. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR POST BURIAL DEPTH.
3. EXCAVATE A TRENCH ON THE UPHILL SIDE ALONG THE LINE OF THE STAKES.
4. ATTACH GEOTEXTILE TO STAKES AND BURY GEOTEXTILE BOTTOM.
5. BACKFILL TRENCH AND COMPACT TO SECURE FENCE BOTTOM.

TRENCHLESS DETAIL
NOT TO SCALE

TRENCHLESS NOTES:
MATERIALS
CLEAN ROCK OR SANDBAGS.
INSTALLATION
1. DRIVE SUPPORT POSTS INTO THE GROUND.
2. ATTACH GEOTEXTILE ON THE UPHILL SIDE ALONG THE LINE OF THE STAKES.
3. EXTEND GEOTEXTILE ON THE GROUND UPHILL OF THE FENCE.
4. PLACE DRAIN ROCK ON GEOTEXTILE.
REMOVAL
1. WHEN SILT FENCE IS LOCATED IN WETLANDS OR SENSITIVE AREAS, REMOVE CLEAN ROCK OR SANDBAGS WHEN THE SILT FENCE IS REMOVED.

SUPPORT MESH REINFORCED FABRIC DETAIL
NOT TO SCALE

SUPPORT MESH REINFORCED FABRIC NOTES:
INSTALLATION
1. DRIVE SUPPORT POSTS INTO THE GROUND.
2. EXCAVATE A TRENCH ON THE UPHILL SIDE ALONG THE LINE OF THE STAKES. DO NOT EXCAVATE TRENCHES IN PERMAFROST.
3. EXTEND SUPPORT MESH A MINIMUM OF 3 INCHES INTO THE TRENCH.
4. ATTACH GEOTEXTILE TO STAKES AND BURY GEOTEXTILE BOTTOM.
5. BACKFILL TRENCH AND COMPACT TO SECURE FENCE BOTTOM.

SEWN-IN POCKET DETAIL
NOT TO SCALE

REVISIONS		
Date	Description	By

State of Alaska DOT&PF

SILT FENCE
(DETAILS)

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Date X/XX/XX

BMP-20.00

Burns & McDonnell Engineering Co., Inc.
LICENSE NO. AECC322

date	APRIL 2025	detailed
designed	M. AULT	checked
	R. HEAMAN	F. DORAN



Matanuska-Susitna Borough, Alaska

CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
EROSION CONTROL DETAILS,
SILT FENCE 2 OF 2

project	167550	contract	AUTHORIZATION #14
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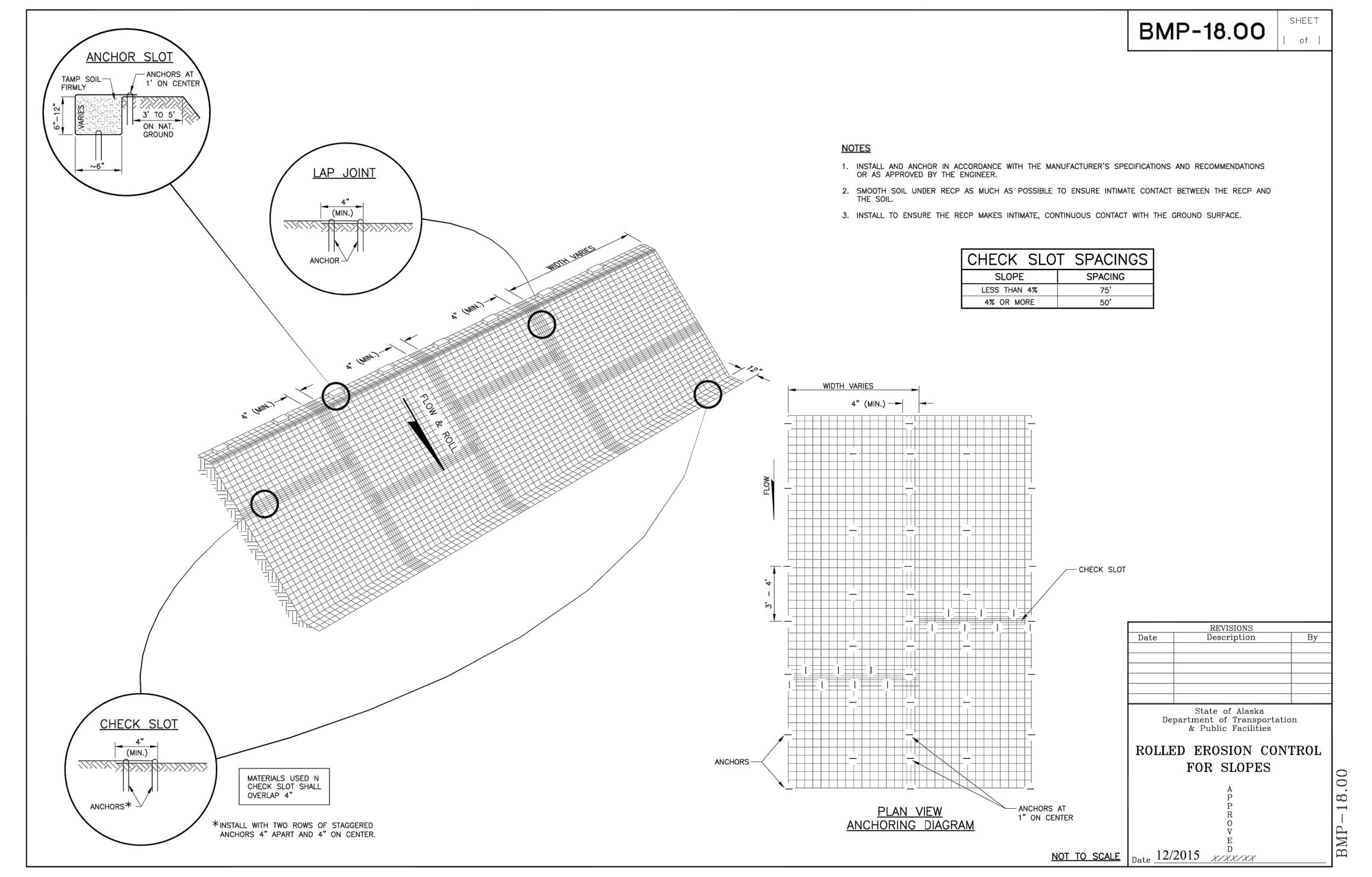
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**CONFORMING
TO
CONSTRUCTION
RECORDS**

NOTES:

1. DETAILS RETRIEVED APRIL 2024 FROM ALASKA SWPPP GUIDE, APPENDIX B - ALASKA DOT&PF BMPs DATED MARCH 2021.

BMP-18.00

SHEET
1 of 1**BURNS MCDONNELL**Burns & McDonnell Engineering Co, Inc.
LICENSE NO. AECC322

date	APRIL 2025	detailed	R. HEAMAN
designed	M. AULT	checked	F. DORAN



Matanuska-Susitna Borough, Alaska

CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
EROSION CONTROL DETAILS,
EROSION CONTROL BLANKET

project	167550	contract	AUTHORIZATION #14
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file	C017 EROSION CONTROL DETAILS, EROSION CONTROL BLANKET.DWG		
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TO
CONSTRUCTION
RECORDS**

NOTES:

1. DETAILS RETRIEVED APRIL 2024 FROM ALASKA SWPPP GUIDE, APPENDIX B - ALASKA DOT&PF BMPs DATED MARCH 2021.

BMP-23.00 SHEET
1 of 2

STABILIZED CONSTRUCTION EXIT GENERAL NOTES:

INSTALLATION

1. INSTALL STABILIZED CONSTRUCTION EXIT PRIOR TO EARTH WORK.
2. CLEAR THE EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER MATERIAL.
3. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP, VEGETATIVE SEDIMENT FILTER OR OTHER PROTECTED OUTLET.
4. EXCAVATE AND GRADE THE AREA FOR ROCK PLACEMENT.
5. INSTALL SIGNS, FENCING OR BARRICADES TO CHANNEL OUTGOING TRAFFIC TO THE STABILIZED CONSTRUCTION EXIT.

INSPECTION

1. INSPECT STABILIZED CONSTRUCTION EXIT FOR SEDIMENT ACCUMULATION AND MATERIAL DISPLACEMENT.
2. INSPECT ROADWAY FOR SEDIMENT TRACK-OUT.
3. INSPECT DITCHES TO ENSURE NO SEDIMENT ACCUMULATION.

MAINTENANCE

1. MAINTAIN EACH EXIT IN A CONDITION THAT WILL PREVENT TRACKING OF MUD OR SEDIMENT ONTO PUBLIC RIGHT-OF-WAY.
2. REPAIR AND/OR CLEAN OUT ANY STRUCTURES USED TO TRAP SEDIMENT.
3. REMOVE ALL MUD AND SEDIMENT DEPOSITED ON PAVED ROADWAYS.
4. ADD MORE SIGNS, FENCING OR BARRICADES WHEN VEHICLES ARE EXITING THE PROJECT WITHOUT USING THE STABILIZED CONSTRUCTION EXIT. INSTALL ADDITIONAL STABILIZED CONSTRUCTION EXITS IF NEEDED, YET USE SIGNS AND BARRICADES TO MINIMIZE THE NUMBER OF STABILIZED CONSTRUCTION EXITS.
5. PREVENT TRACK-OUT BY USING ADDITIONAL BMPs, SUCH AS A TIRE WASH.

REMOVAL

1. REMOVE THE STABILIZED CONSTRUCTION EXIT AND ANY SEDIMENT TRAPPING STRUCTURES AFTER THEY ARE NO LONGER NEEDED, OR WITH FINAL SITE STABILIZATION.
2. REGRADE AND PERMANENTLY STABILIZE THE REMAINING DISTURBED AREAS ACCORDING TO THE PLANS.

REVISIONS		
Date	Description	By

State of Alaska DOT&PF
STABILIZED
CONSTRUCTION EXIT
(NOTES, ROCK &
TEMPORARY PAVEMENT)

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Date 12/2015 X/XX/XX

BMP-23.00



Burns & McDonnell Engineering Co, Inc.
LICENSE NO. AECC322

date APRIL 2025 detailed R. HEAMAN
designed M. AULT checked F. DORAN



Matanuska-Susitna Borough, Alaska

CENTRAL LANDFILL (SW1A007-26)
CELL 4 EXPANSION CONSTRUCTION
EROSION CONTROL DETAILS,
STABILIZED CONSTRUCTION EXIT

project 167550 contract AUTHORIZATION #14

drawing C018 rev. 0

sheet of sheets

file C018 EROSION CONTROL DETAILS, STAB. CONST. EXIT.DWG

**CONFORMING
TO
CONSTRUCTION
RECORDS**

