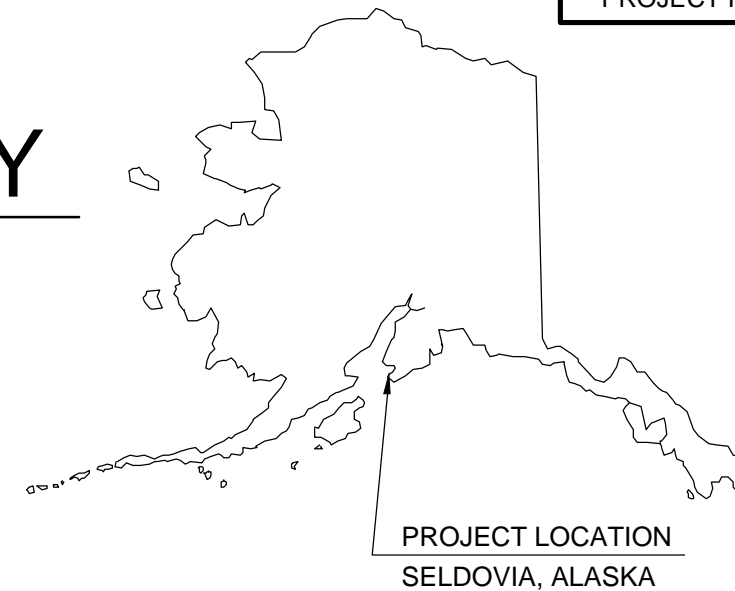


# KENAI PENINSULA BOROUGH SELDOVIA ROCKY RIDGE LANDFILL/QUARRY

## CONDITIONAL LAND USE PERMIT

OWNER:  
KENAI PENINSULA BOROUGH  
144 N. BINKLEY STREET  
SOLDOTNA, ALASKA 99669



### PROJECT INFO



REV	DATE	DESCRIPTION	BY
1	7/29/2014	PERMIT APPLICATION ISSUE	GMD

KENAI PENINSULA BOROUGH  
 SELDOVIA ROCKY RIDGE LANDFILL  
 CONDITIONAL LAND USE PERMIT  
 JOB NO. 144028  
 FIELD BOOK NO. 03-26  
 JULY 1, 2014



**McLANE Consulting Inc**

ENGINEERING - TESTING  
SURVEYING - MAPPING  
P.O. BOX 468  
SOLDOTNA, AK, 99669  
VOICE: (907) 283-4218  
FAX: (907) 283-3265  
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DRAWN BY: MSM

CHECKED BY: SAM

HORIZ. SCALE: 1" = 100'

VERT. SCALE: N/A

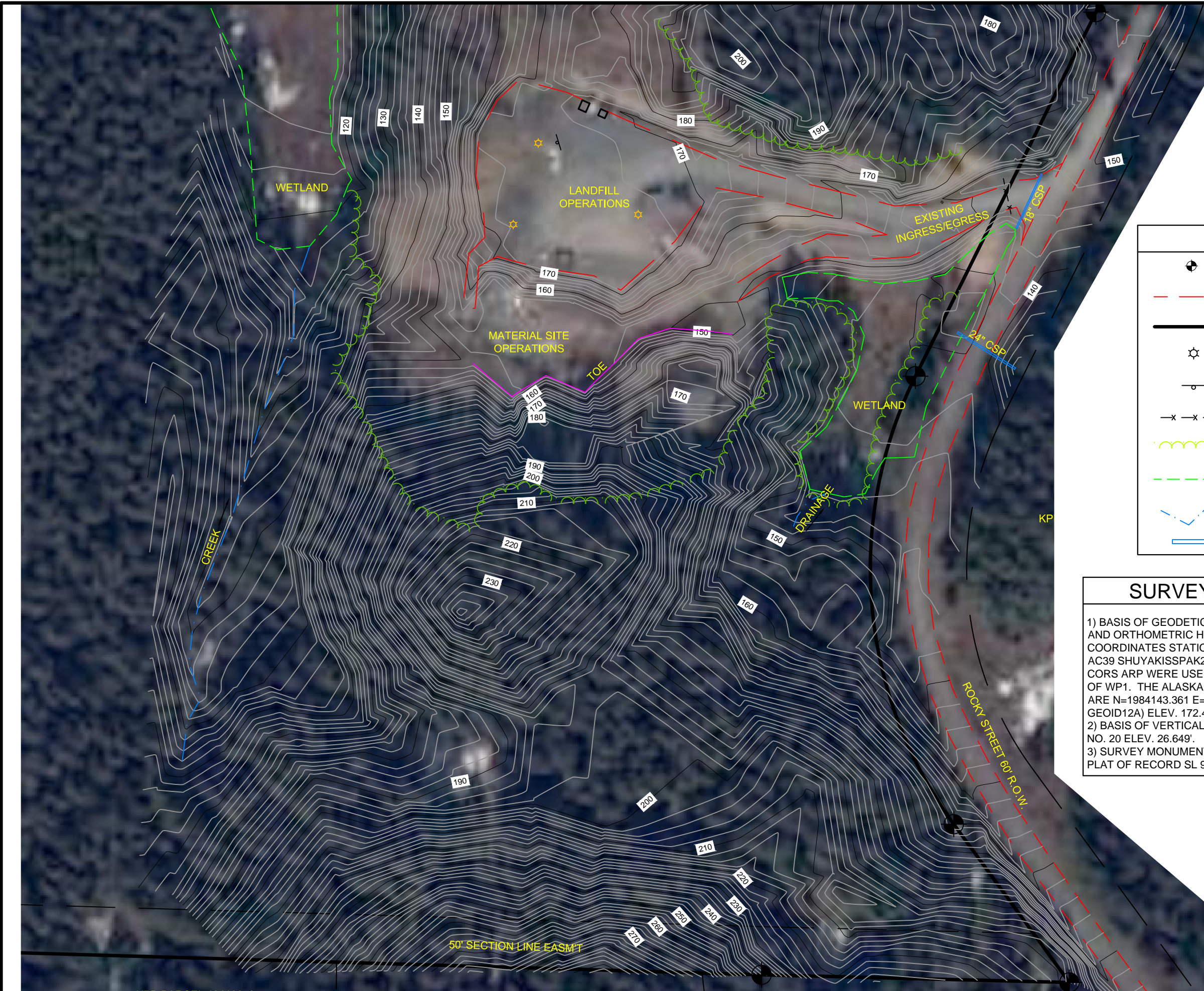
SHEET: **C1**

### NOTES

1. THE LEGAL DESCRIPTION OF THIS MATERIAL SITE IS KPB PARCEL NO. 19113067, SECTION 6 T9S R14W GOVERNMENT LOTS 9, 10, 17, 19 & 20 & E1/2 NW NW SE & NE NW SE & S1/2 NW SE & PORTION OF S1/2 SE LYING WEST OF ROCKY STREET AS SET FORTH IN ROCKY STREET ROW DEDICATION, SEWARD MERIDIAN, ALASKA.
2. PROPOSED MATERIAL EXTRACTION INCLUDING STRIPPING WILL BE DONE IN INCREMENTALLY, BEGINNING AT THE NORTH AND PROCEEDING SOUTH.
3. AS THE SITE IS CLEARED AND STRIPPED, TOPSOIL WILL BE SALVAGED AND STOCKPILED FOR FUTURE USE DURING RECLAMATION.
4. A VEGETATIVE BUFFER WILL BE MAINTAINED ON ALL BOUNDARIES OF THE MATERIAL SITE.
5. RECLAMATION WILL BE DONE INCREMENTALLY AS PHASES ARE EXHAUSTED. THE NORTHERN PORTION OF THE MATERIAL SITE WILL BE UTILIZED FOR LANDFILL OPERATIONS AND NOT RECLAIMED.
6. THE RECLAIMED AREA WILL BE GRADED AND RECONTOURED USING STRIPPINGS, OVERBURDEN AND TOPSOIL TO A CONDITION THAT ALLOWS FOR RE-ESTABLISHMENT OF NATURAL VEGETATION.
7. SLOPES STEEPER THAN 2:1 WILL BE SEEDED. BEDROCK FACES WILL BE CONSIDERED STABILIZED AND RECLAIMED.
8. THERE ARE NO WATER WELLS WITHIN 300 FEET OF THE PROPOSED MATERIAL SITE.
9. THE SOUTH AND THE EAST PROPERTY LINES OF THE PROPOSED MATERIAL SITE HAVE BEEN FLAGGED AT VISIBLE INTERVALS. A FLAGGING WAIVER IS REQUESTED FOR THE NORTH AND WEST SIDES OF THE MATERIAL SITE DUE TO THE PROPERTY SIZE; PROPOSED DEVELOPMENT IS GREATER THAN 300' FROM PROPERTY LINES AND PROPOSED VEGETATIVE BUFFERS.
10. THERE ARE NO WATERBODIES, RIPARIAN WETLANDS OR SURFACE WATERS WITHIN THE PROPOSED WORK AREA. THERE IS A CREEK TO THE WEST OF THE MATERIAL SITE, A SMALL WETLAND TO THE EAST AND A LARGE WETLAND TO THE NORTHWEST (SHOWN ON C2 & C3). VEGETATIVE BUFFERS WILL BE UTILIZED FOR SURFACE WATER PROTECTION.
11. MATERIAL PROCESSING WILL BE CENTERED IN THE AREA THAT IS CURRENTLY BEING MINED. A SEPARATION OF GREATER THAN 300' FROM THE PROPERTY LINE WILL BE MAINTAINED.
12. TESTHOLE LOGS ARE INCLUDED IN PERMIT APPLICATION SUPPLEMENTAL INFORMATION.
13. THE MATERIAL SITE HAUL ROUTE IS ROCKY STREET. THERE IS EXISTING INGRESS/EGRESS THROUGH THE LANDFILL. PROPOSED INGRESS/EGRESS IS SHOWN SOUTH OF EXISTING.

### INDEX OF SHEETS

SHEET NO.	DESCRIPTION
C1	VICINITY MAP & LEGEND
C2	EXISTING CONTOURS
C3	SITE DEVELOPMENT PLAN
C4	DETAILS & TYPICAL SECTIONS



EXISTING SITE

### LEGEND

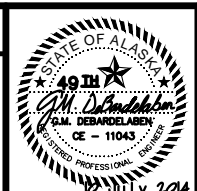
	SURVEY MONUMENT
	EXISTING GRAVEL SURFACE
	PROPERTY BOUNDARY
	LUMINAIRE
	SIGN POST
	CHAINLINK FENCE
	TREELINE
	WETLAND BOUNDARY
	CREEK
	CMP

### SURVEY CONTROL NOTES

1) BASIS OF GEODETIC CONTROL NAD83 POSITION (EPOCH 2010) AND ORTHOMETRIC HEIGHT IS AN OPUS SOLUTION FROM NGS COORDINATES STATIONS "AC43 SEAL\_ROCKSAK2007 CORS ARP, AC39 SHUYAKISSPAK2006 CORS ARP, SELD SELD\_AKDA\_AK2000 CORS ARP WERE USED TO DETERMINE THE GEODETIC POSITION OF WP1. THE ALASKA STATE PLANE COORDINATES (ASP) ZONE 4 ARE N=1984143.361 E=1323936.561 ELEV.: 167.647' (NAVD88 GEOID12A) ELEV. 172.45' (MLLW)

2) BASIS OF VERTICAL DATUM IS MLLW ACCORDING USGS BM NO. 20 ELEV. 26.649'.

3) SURVEY MONUMENTS RECOVERED ARE AS SHOWN ON THE PLAT OF RECORD SL 99-04.



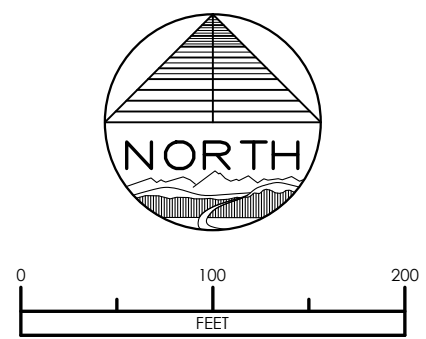
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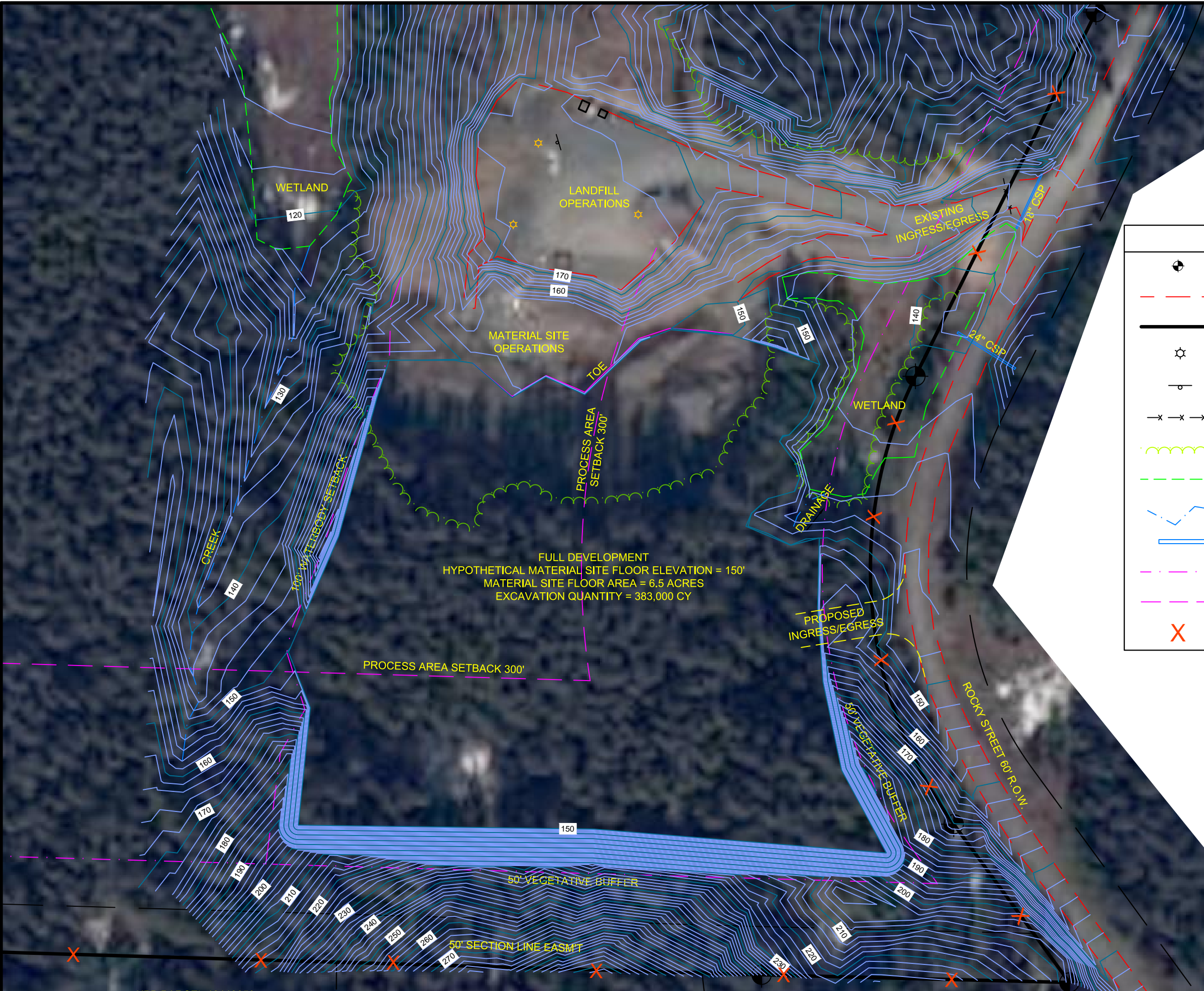


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 HORZ. SCALE: 1" = 100'  
 VERT. SCALE: N/A  
 SHEET: **C2**



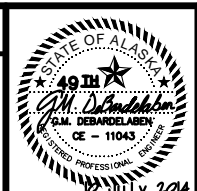
FIELD WORK DATE: JULY 1, 2014  
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PROPOSED

### LEGEND

- SURVEY MONUMENT
- EXISTING GRAVEL SHOULDER
- PROPERTY BOUNDARY
- LUMINAIRE
- SIGN POST
- CHAINLINK FENCE
- TREELINE
- WETLAND BOUNDARY
- CREEK
- CMP
- VEGETATIVE BUFFER SETBACK
- PROCESS AREA SETBACK
- INTER-VISIBLE FLAGGING



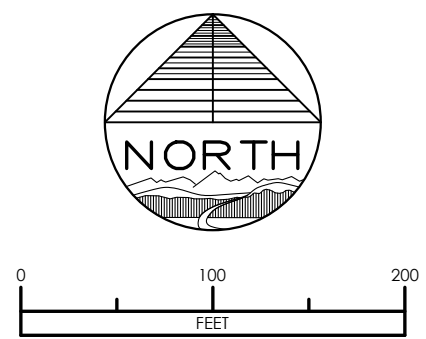
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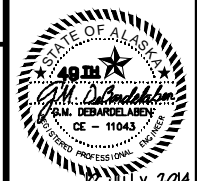


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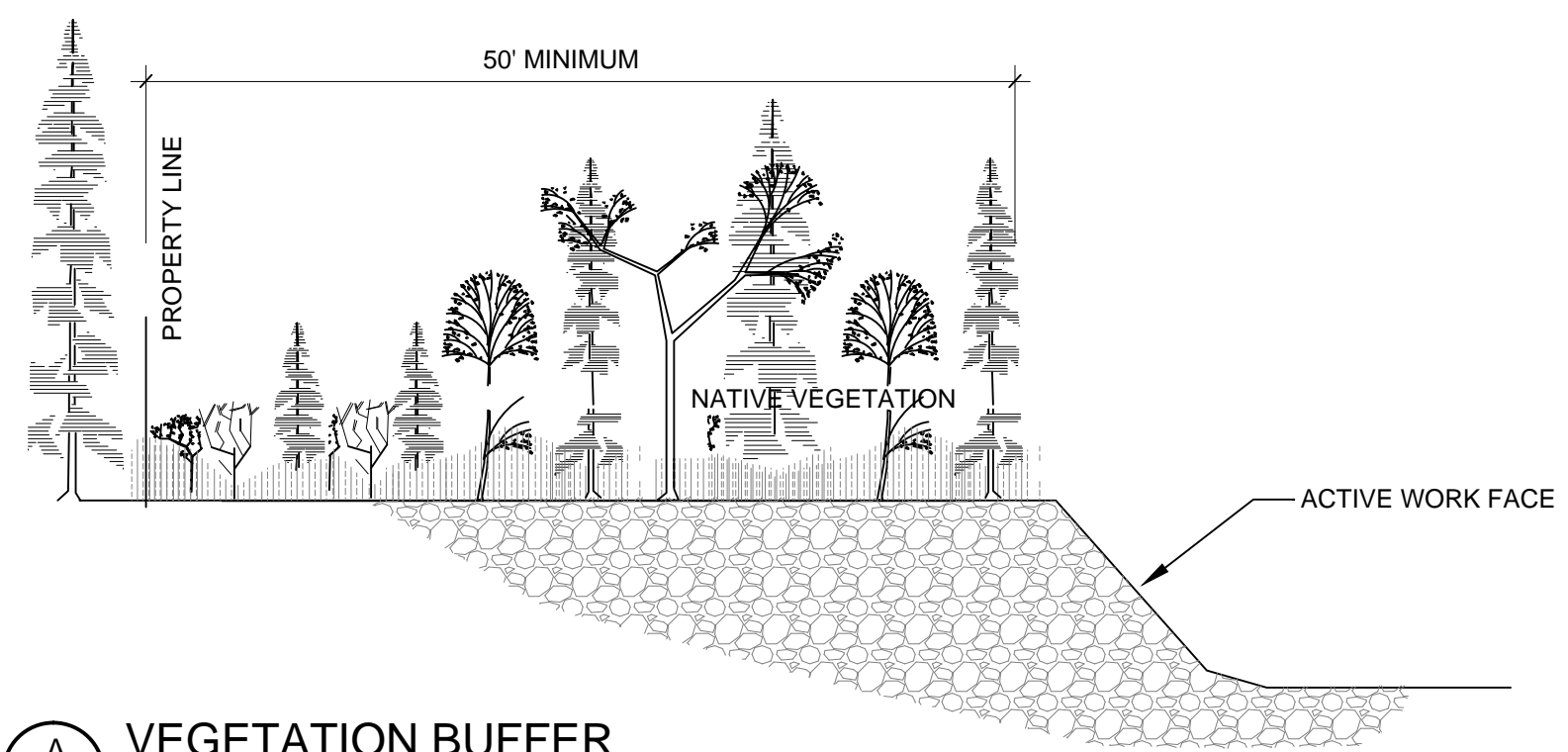
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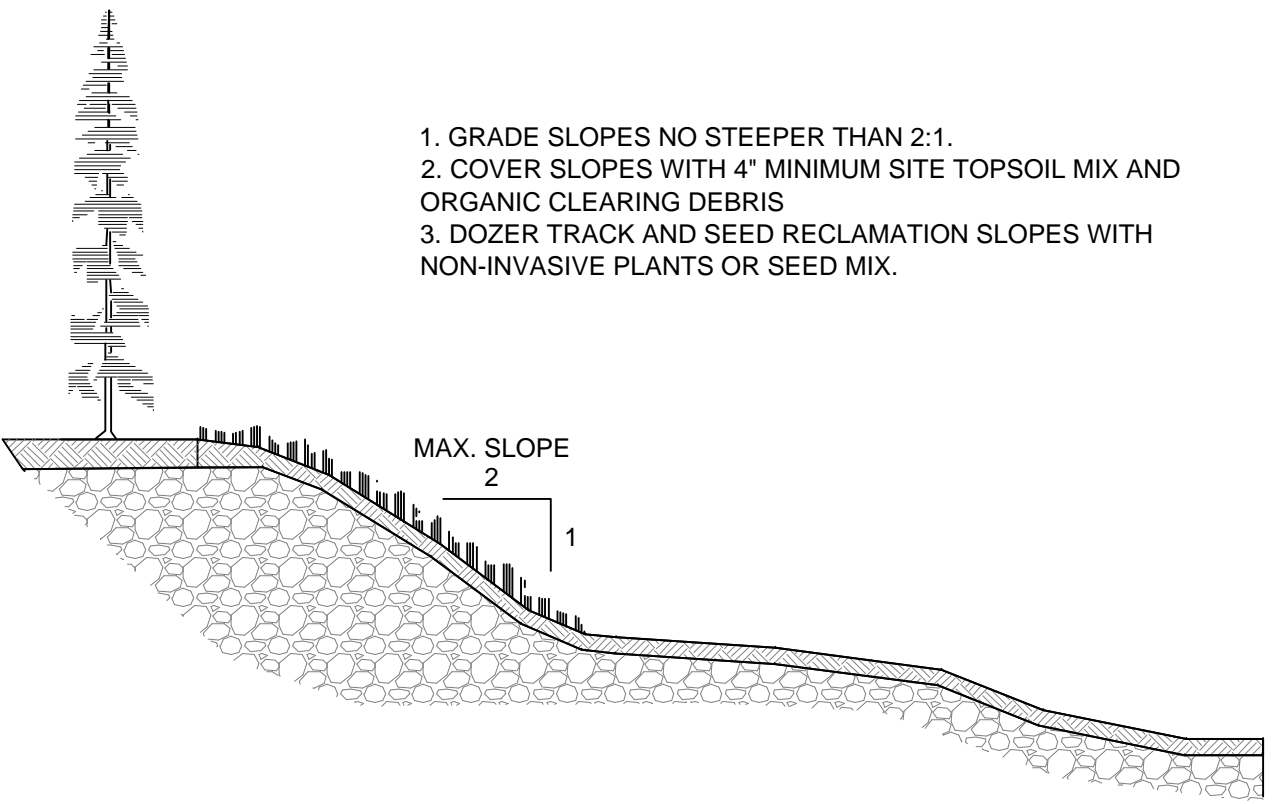
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SHEET:	C4

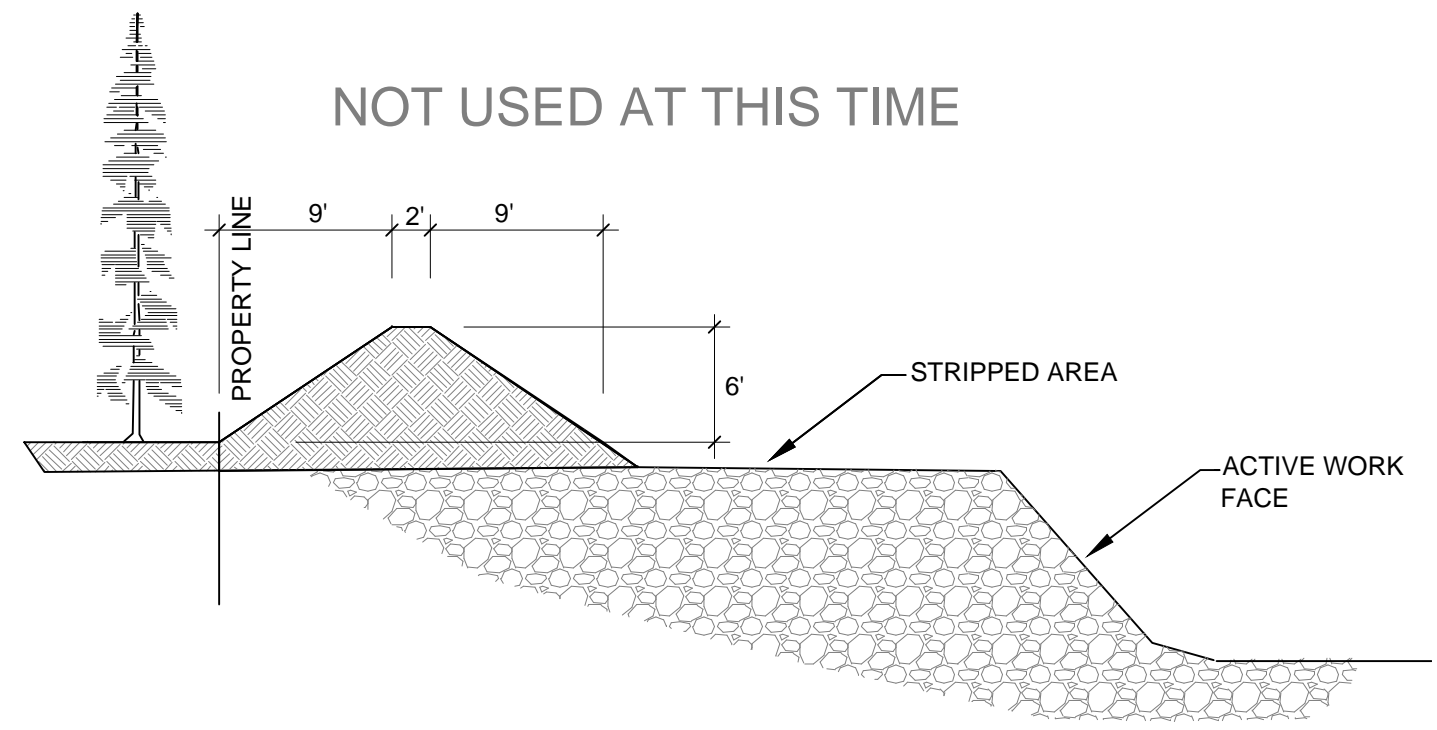


**A** VEGETATION BUFFER  
 C4 SCALE: 1" = 10 FT.



1. GRADE SLOPES NO STEEPER THAN 2:1.
2. COVER SLOPES WITH 4" MINIMUM SITE TOPSOIL MIX AND ORGANIC CLEARING DEBRIS
3. DOZER TRACK AND SEED RECLAMATION SLOPES WITH NON-INVASIVE PLANTS OR SEED MIX.

**B** RECLAMATION SLOPE  
 C4 SCALE: 1" = 10 FT.



NOT USED AT THIS TIME

**C** EARTHEN BERM BUFFER  
 C4 SCALE: 1" = 10 FT.