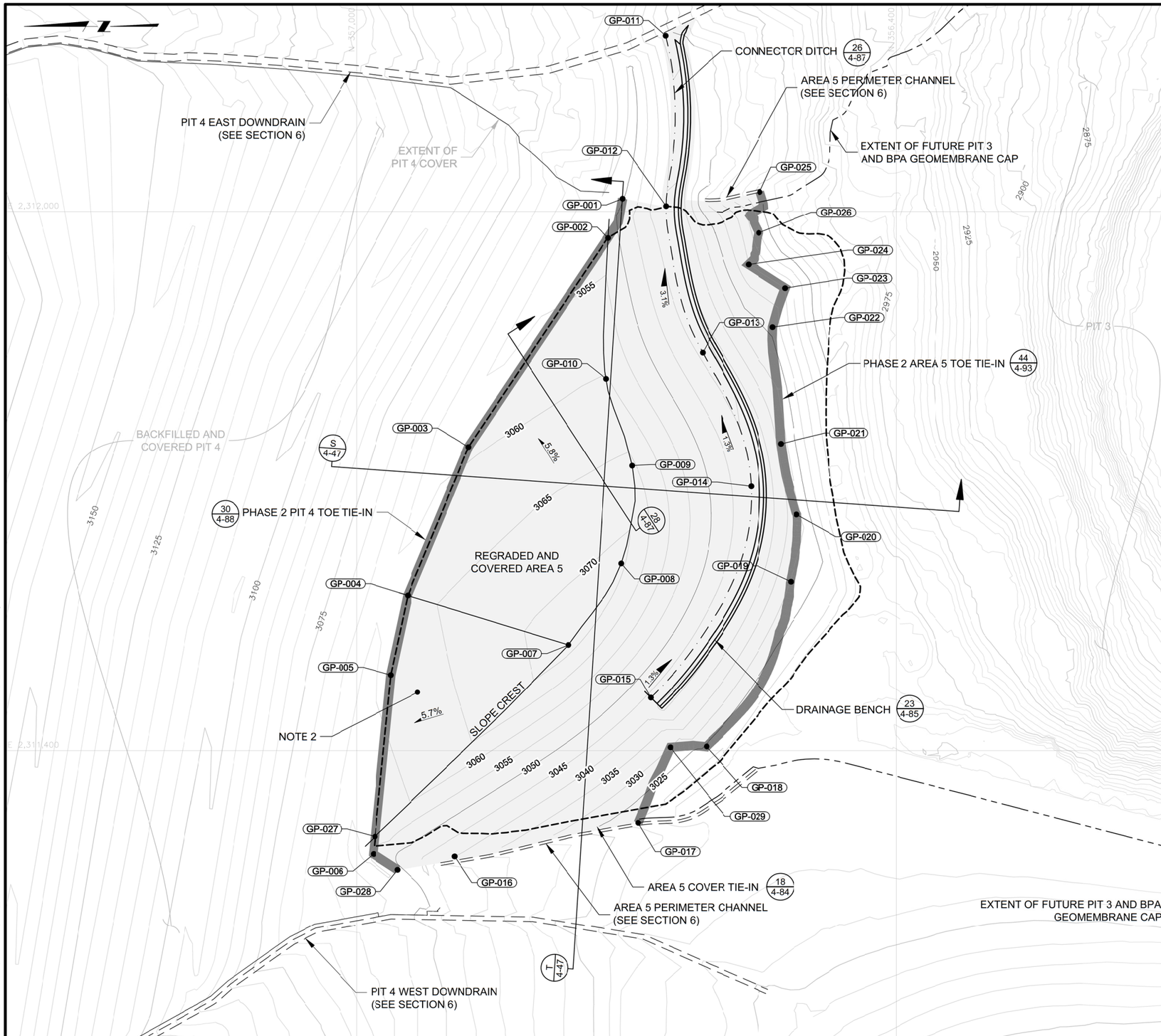

LEGEND:

- 3250 — TOP OF COVER CONTOUR LINE ELEVATION, FEET
- EXTENT OF PHASE 2 REGRADED AND BACKFILLED AREA 5 WASTE
- EXTENT OF PHASE 2 AREA 5 GEOMEMBRANE CAP
- GRADING BREAKLINE
- DRAINAGE BENCH FLOWLINE

NOTES:

1. GRADING POINTS CORRESPONDING TO ESTIMATED TIE-IN POINTS OF THE AREA 5 DRAINAGE BENCH CHANNELS ARE SUBJECT TO REVISION AT THE DIRECTION OF THE ENGINEER BASED UPON FINAL GRADING OF THE AREA 5 COVER TIE-IN.
2. SEE SHEET 4-58 FOR GDL EXCLUSION ZONES.
3. ELEVATIONS SHOWN REFER TO FINISHED GRADE AT TOP OF SOIL COVER.

GRADING POINTS

POINT NO.	NORTHING (FT)	EASTING (FT)	ELEVATION (FT)	DESCRIPTION
GP-001	356704.2	2312014.4	3050.4	PHASE 2 PIT 4 TOE TIE-IN
GP-002	356720.2	2311970.4	3053.0	PHASE 2 PIT 4 TOE TIE-IN AND SLOPE CREST
GP-003	356875.7	2311737.6	3059.4	PHASE 2 PIT 4 TOE TIE-IN
GP-004	356943.3	2311572.7	3063.4	PHASE 2 PIT 4 TOE TIE-IN
GP-005	356962.0	2311484.3	3061.4	PHASE 2 PIT 4 TOE TIE-IN
GP-006	356981.4	2311285.1	3054.3	PHASE 2 PIT 4 TOE TIE-IN AND SLOPE CREST
GP-007	356764.5	2311517.8	3072.5	SLOPE CREST
GP-008	356705.7	2311608.3	3071.1	SLOPE CREST
GP-009	356693.6	2311716.8	3066.0	SLOPE CREST
GP-010	356722.5	2311813.6	3060.4	SLOPE CREST
GP-011	356656.4	2312195.6	3028.0	CONNECTOR DITCH TIE-IN TO DOWNDRAIN
GP-012	356655.9	2312006.0	3035.7	DRAINAGE BENCH FLOW LINE
GP-013	356614.9	2311842.8	3038.8	DRAINAGE BENCH FLOW LINE
GP-014	356561.3	2311693.9	3040.8	DRAINAGE BENCH FLOW LINE
GP-015	356672.6	2311459.1	3044.2	DRAINAGE BENCH FLOW LINE
GP-016	356891.2	2311282.4	3040.0	EDGE OF COVER
GP-017	356686.8	2311319.7	3019.0	PHASE 2 AREA 5 TOE TIE-IN
GP-018	356610.5	2311404.6	3024.3	PHASE 2 AREA 5 TOE TIE-IN
GP-019	356517.2	2311587.9	3029.6	PHASE 2 AREA 5 TOE TIE-IN
GP-020	356510.4	2311662.6	3031.7	PHASE 2 AREA 5 TOE TIE-IN
GP-021	356528.1	2311741.3	3033.2	PHASE 2 AREA 5 TOE TIE-IN
GP-022	356537.4	2311871.1	3023.7	PHASE 2 AREA 5 TOE TIE-IN
GP-023	356523.7	2311914.5	3015.0	PHASE 2 AREA 5 TOE TIE-IN
GP-024	356564.1	2311940.8	3015.0	PHASE 2 AREA 5 TOE TIE-IN
GP-025	356551.7	2312021.8	2998.6	PHASE 2 AREA 5 TOE TIE-IN
GP-026	356552.8	2311976.1	3006.1	PHASE 2 AREA 5 TOE TIE-IN
GP-027	356979.7	2311304.4	3057.2	PHASE 2 PIT 4 TOE TIE-IN
GP-028	356954.7	2311267.4	3051.6	PHASE 2 PIT 4 TOE TIE-IN
GP-029	356650.9	2311403.6	3030.0	PHASE 2 AREA 5 TOE TIE-IN

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06-15
2	ISSUED FOR 90% DESIGN	KR	SM	07-14
1	ISSUED FOR 60% DESIGN	DM	SM	12-13
0	ISSUED FOR 30% DESIGN	DM	SM	11-12

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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 1.
- ALL COORDINATES ARE PROVIDED IN FEET, USING WASHINGTON STATE-PLANE NORTH NAD83/NAVD88 DATUM.

DESIGNED BY	S MCMANUS	06-15
DRAWN BY	K REED	06-15
CHECKED BY	T KELLEY	06-15
APPROVED BY	C STRACHAN	06-15
PROJECT MANAGER	V DRAIN	06-15

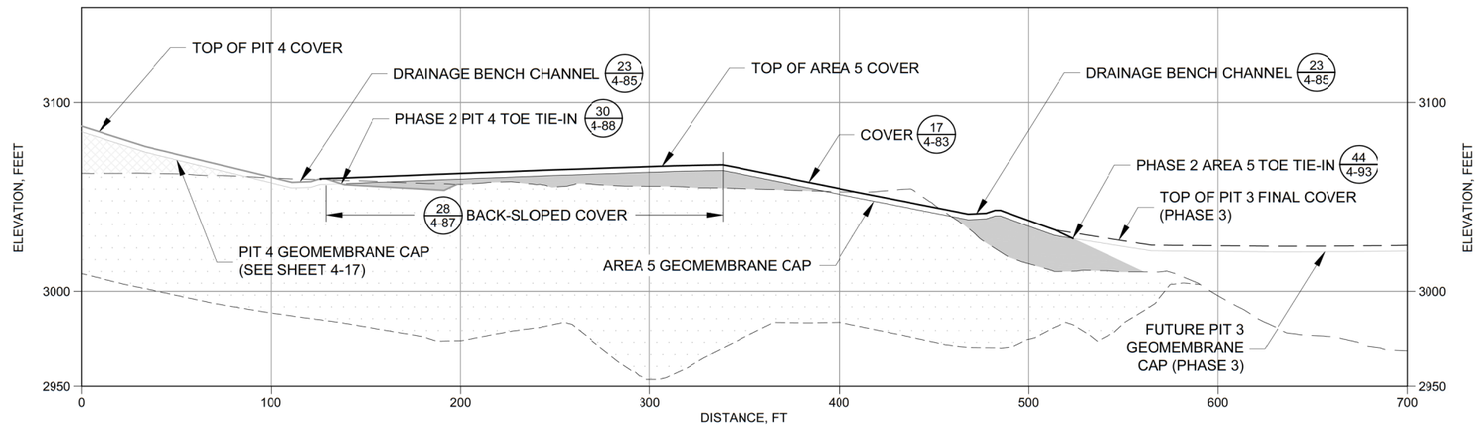
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 2 - AREA 5 COVER GRADING PLAN

MWH

SHEET 4-46 | REVISION 3
FILE NAME 4-44 | DATE JUNE 2015

PW:\\AMERVPWINTO3.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-44.dwg

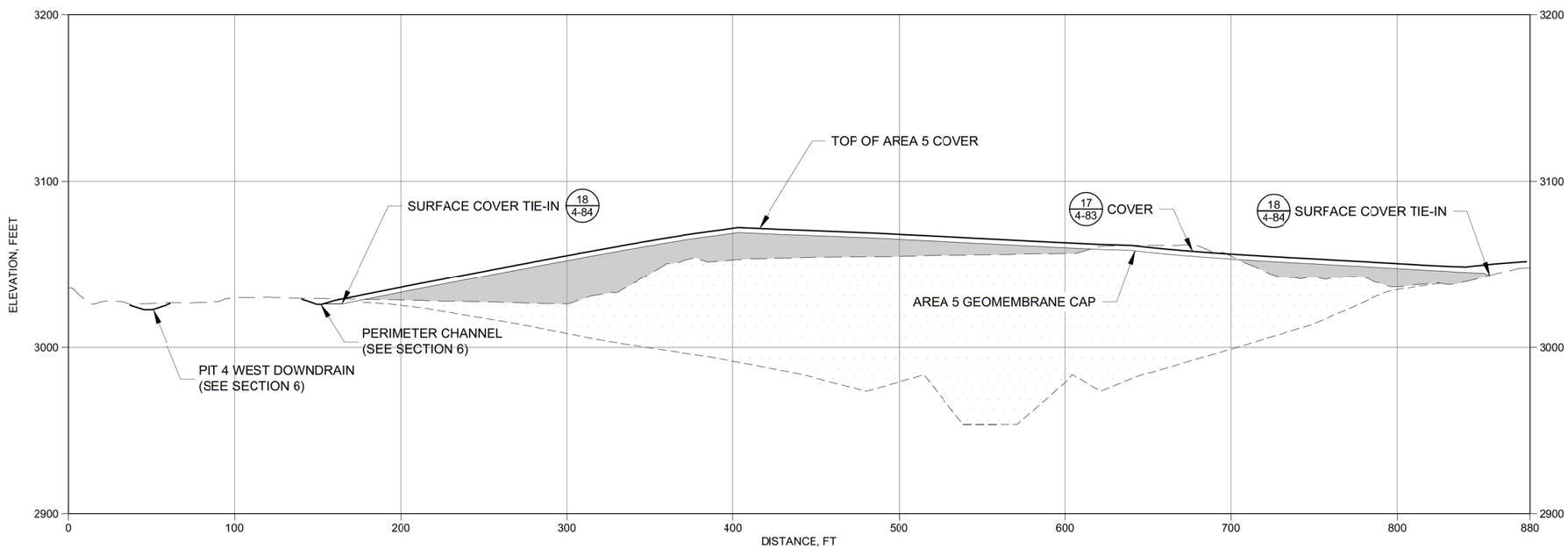


S/4-46 AREA 5 REGRADE AND COVER

0 40' 80'

LEGEND:

- EXISTING GROUND SURFACE
- MINE SITE SUBGRADE
- LOW–ACTIVITY WASTE
- EXISTING WASTE
- PIT 4 BACKFILL



T/4-46 AREA 5 REGRADE AND COVER

0 40' 80'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
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DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

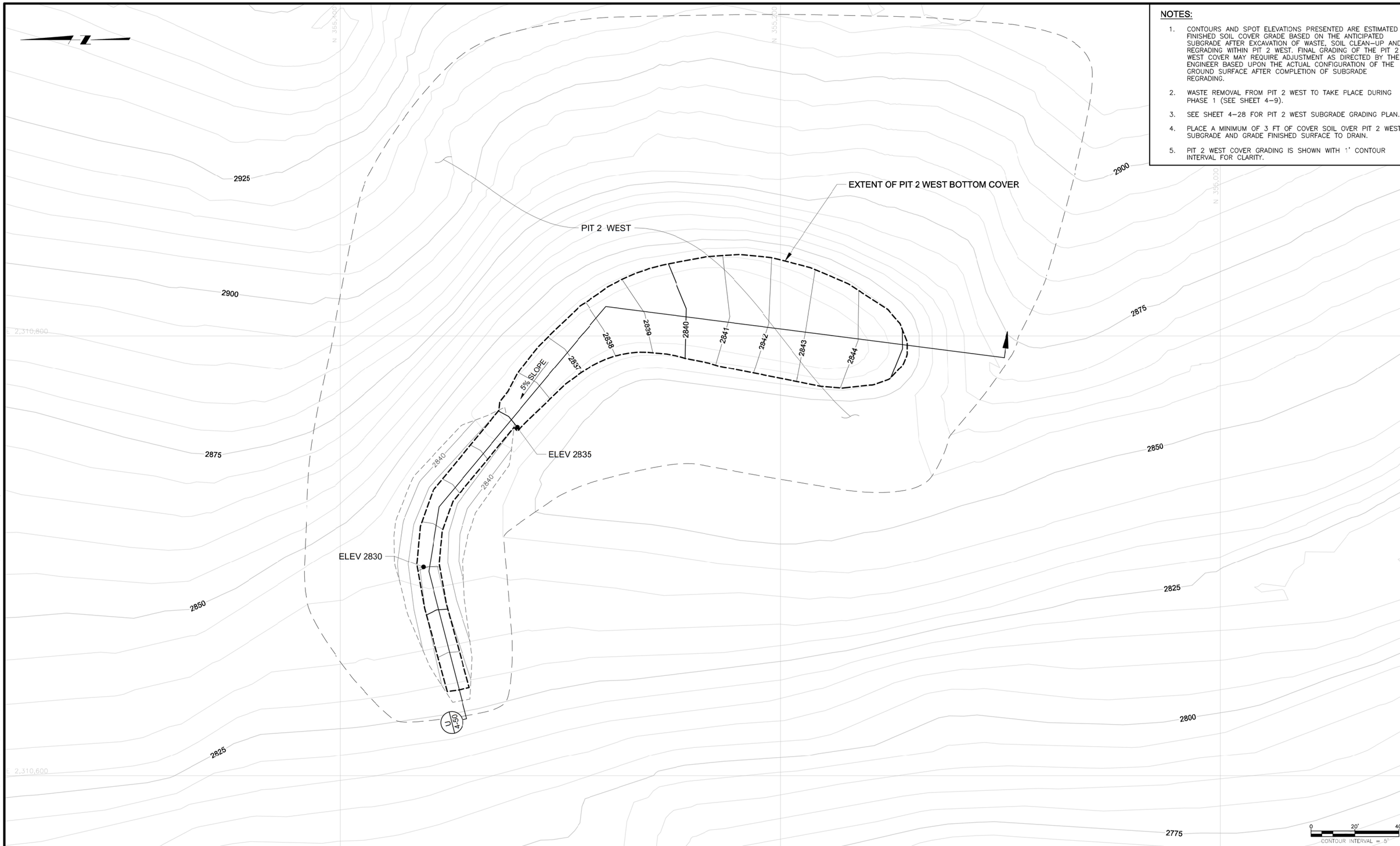
TITLE: PHASE 2 - AREA 5 SECTIONS

MWH

SHEET: 4-47 | REVISION: 3

FILE NAME: 4-45 | DATE: JUNE 2015

PW: \\AMENVPWINTO3.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-45.dwg



NOTES:

1. CONTOURS AND SPOT ELEVATIONS PRESENTED ARE ESTIMATED FINISHED SOIL COVER GRADE BASED ON THE ANTICIPATED SUBGRADE AFTER EXCAVATION OF WASTE, SOIL CLEAN–UP AND REGRADING WITHIN PIT 2 WEST. FINAL GRADING OF THE PIT 2 WEST COVER MAY REQUIRE ADJUSTMENT AS DIRECTED BY THE ENGINEER BASED UPON THE ACTUAL CONFIGURATION OF THE GROUND SURFACE AFTER COMPLETION OF SUBGRADE REGRADING.
2. WASTE REMOVAL FROM PIT 2 WEST TO TAKE PLACE DURING PHASE 1 (SEE SHEET 4–9).
3. SEE SHEET 4–28 FOR PIT 2 WEST SUBGRADE GRADING PLAN.
4. PLACE A MINIMUM OF 3 FT OF COVER SOIL OVER PIT 2 WEST SUBGRADE AND GRADE FINISHED SURFACE TO DRAIN.
5. PIT 2 WEST COVER GRADING IS SHOWN WITH 1' CONTOUR INTERVAL FOR CLARITY.

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14
1	ISSUED FOR 60% DESIGN	DM	SM	12–13

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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 1.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

TITLE: PHASE 2 - PIT 2 WEST COVER GRADING PLAN

MWH

SHEET: 4-48

REVISION: 3

FILE NAME: 4-46

DATE: JUNE 2015

PW: \\AMERVPWNTD3.WWRGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOR\04_MINE EXCAV\4-46.dwg

NOTES:

1. GRADING CONTOURS PRESENTED ARE ESTIMATED FINISHED SOIL COVER GRADE BASED ON THE ANTICIPATED SUBGRADE AFTER EXCAVATION OF WASTE, SOIL CLEAN–UP, AND REGRADING WITHIN THE ADIT PIT. FINAL GRADING OF THE ADIT PIT COVER MAY REQUIRE ADJUSTMENT AS DIRECTED BY THE ENGINEER BASED UPON THE ACTUAL CONFIGURATION OF THE GROUND SURFACE AFTER COMPLETION OF SUBGRADE REGRADING.
2. WASTE REMOVAL FROM ADIT PIT TO TAKE PLACE DURING PHASE 1 (SEE SHEET 4–9).
3. PLACE A MINIMUM OF 3 FT OF COVER SOIL OVER ADIT PIT SUBGRADE AND GRADE FINISHED SURFACE TO DRAIN.
4. ADIT PIT COVER GRADING IS SHOWN WITH 1' CONTOUR INTERVAL FOR CLARITY.

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 1.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

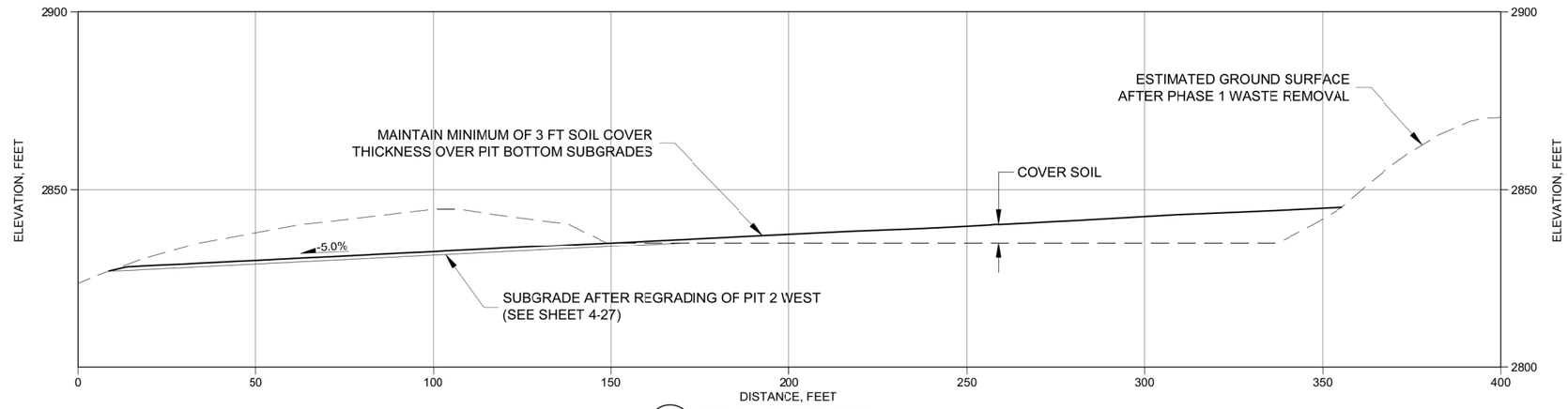
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 2 - ADIT PIT COVER GRADING PLAN

MWH

SHEET: 4-49
REVISION: 3
FILE NAME: 4-47
DATE: JUNE 2015

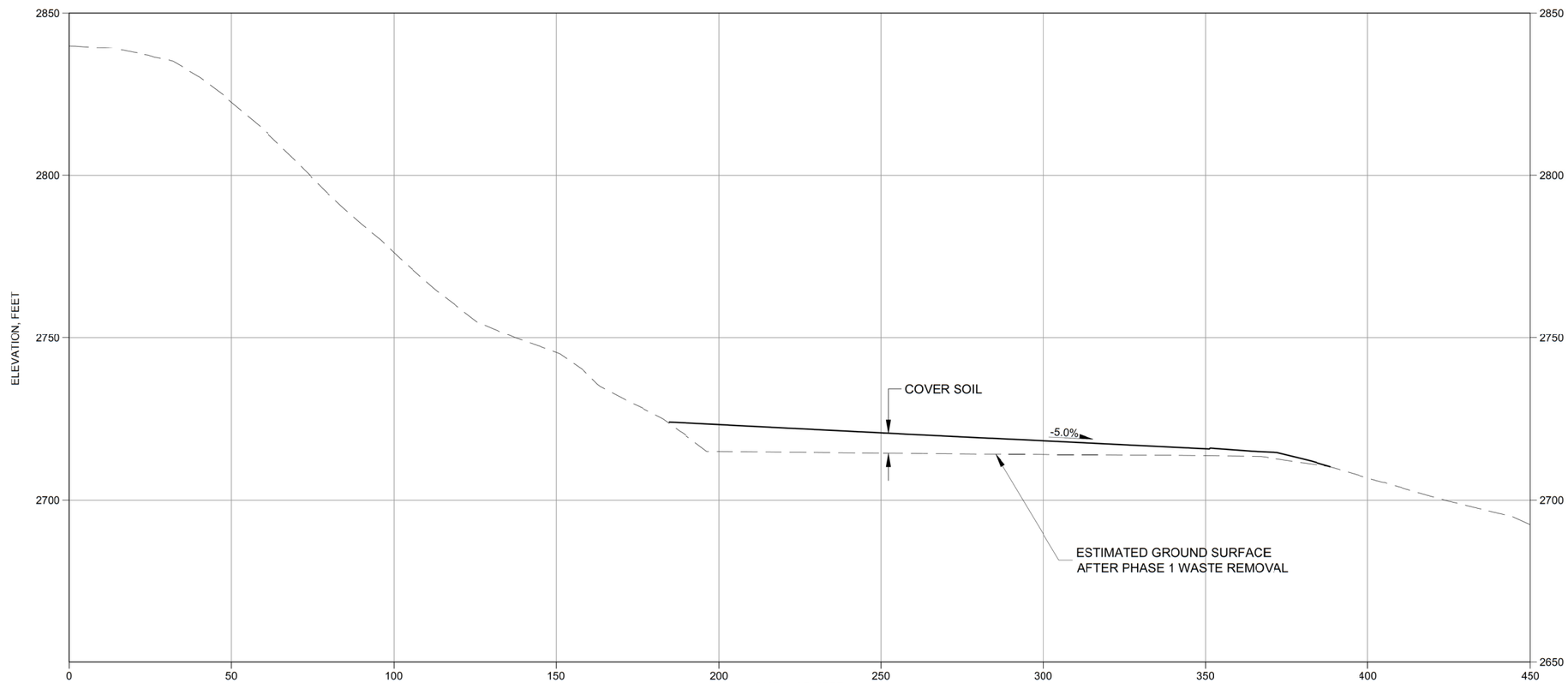
PW: \\AMER\PWINT03.MWHGLOBAL.COM: AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\R0-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-47.dwg



U
4-48
PIT 2 WEST SECTION

NOTES:

1. MAINTAIN MINIMUM OF 3 FT SOIL COVER THICKNESS OVER PIT BOTTOM SUBGRADES.
2. GRADE FINISHED GROUND SURFACE TO DRAIN.



V
4-49
ADIT PIT SECTION

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
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1	ISSUED FOR 60% DESIGN	DM	SM	12–13

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DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

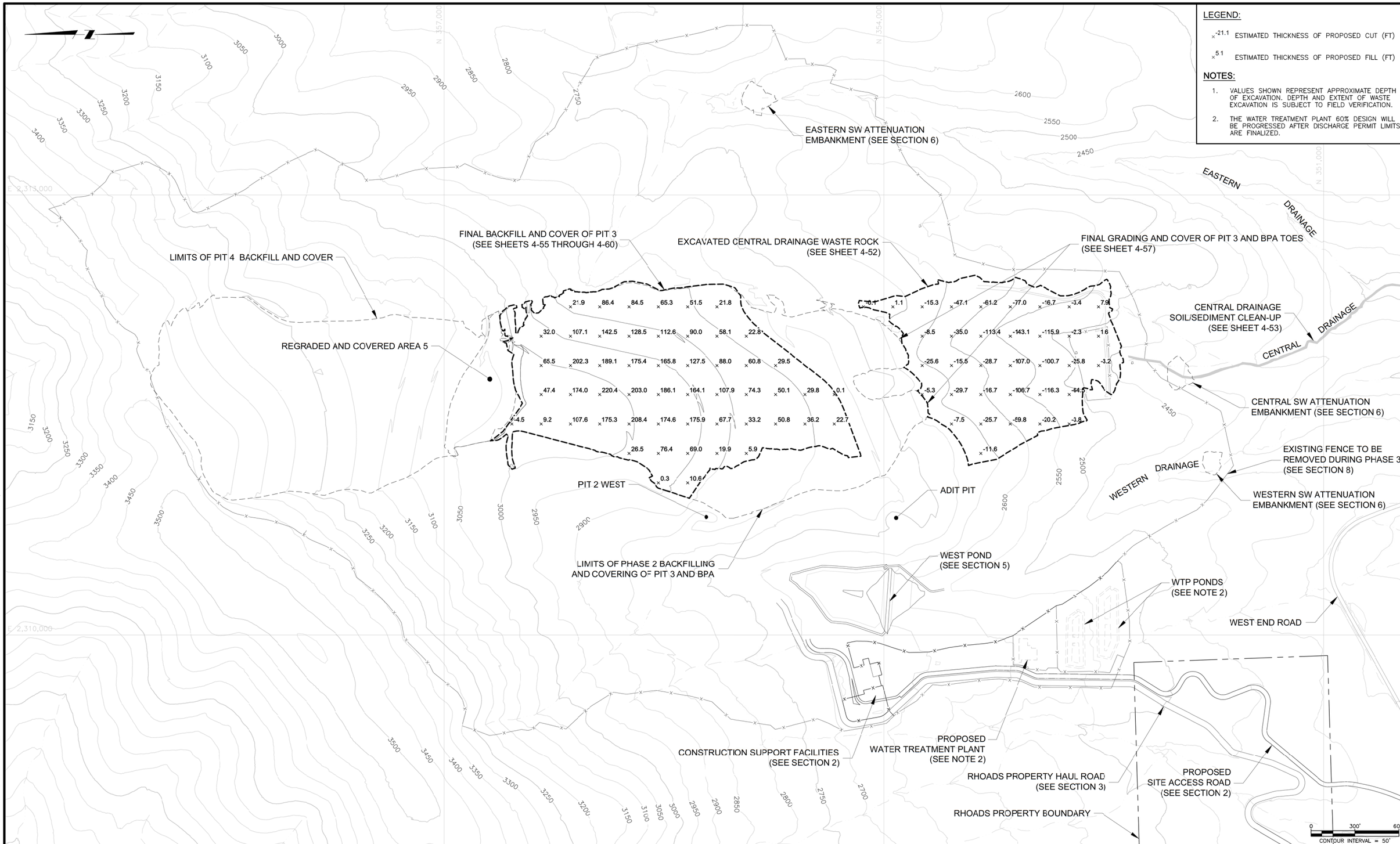
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 2 - PIT 2 WEST AND ADIT PIT SECTIONS

MWH

SHEET: 4-50
REVISION: 3
FILE NAME: 4-48
DATE: JUNE 2015

PW:\\AMER-PWINT03.WWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\90-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-48.dwg



LEGEND:

$\times^{-21.1}$ ESTIMATED THICKNESS OF PROPOSED CUT (FT)

$\times^{5.1}$ ESTIMATED THICKNESS OF PROPOSED FILL (FT)

NOTES:

1. VALUES SHOWN REPRESENT APPROXIMATE DEPTH OF EXCAVATION. DEPTH AND EXTENT OF WASTE EXCAVATION IS SUBJECT TO FIELD VERIFICATION.
2. THE WATER TREATMENT PLANT 60% DESIGN WILL BE PROGRESSED AFTER DISCHARGE PERMIT LIMITS ARE FINALIZED.

ISSUE / REV	DESCRIPTION	TECH	ENG	DATE
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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 2.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

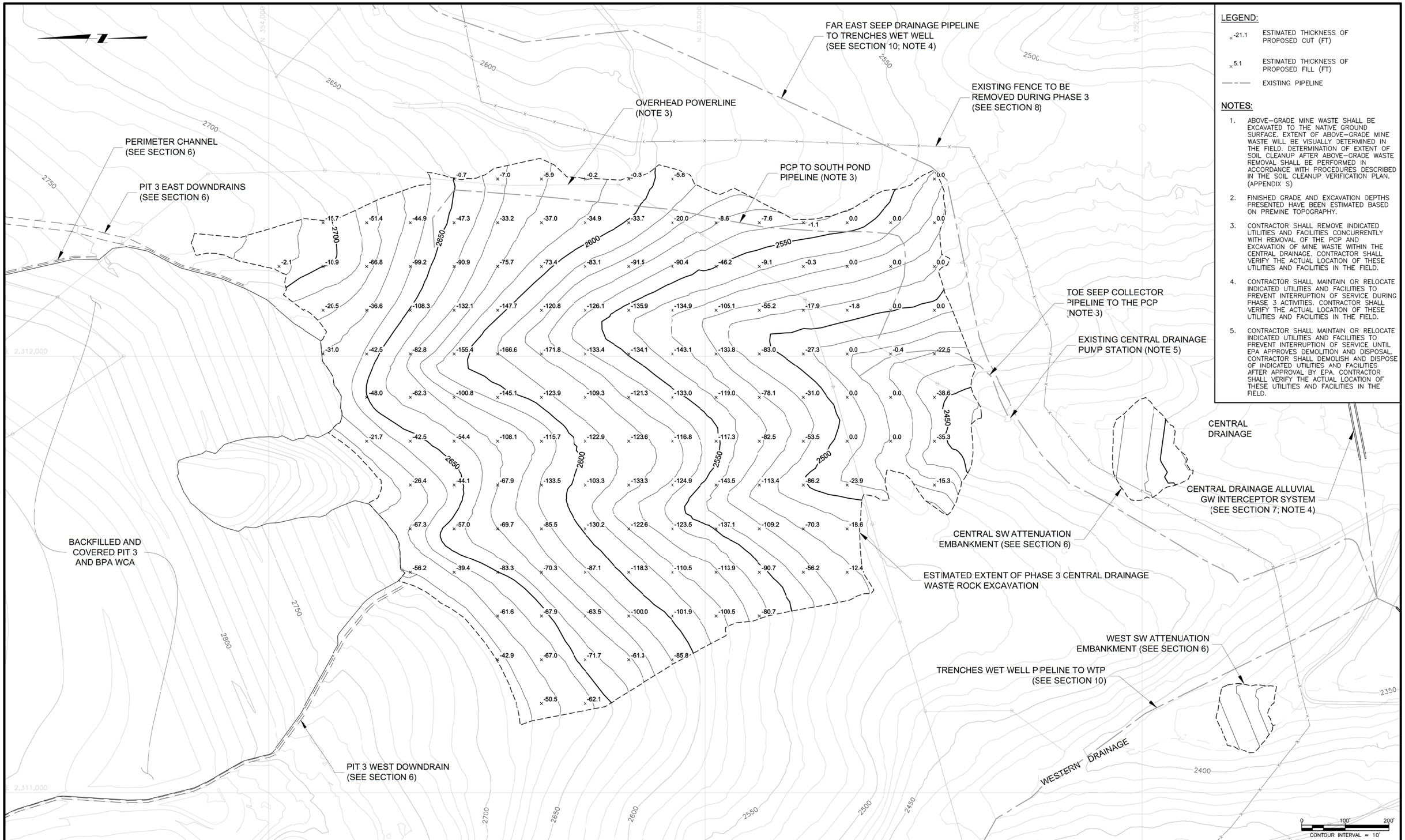
TITLE: PHASE 3 - WASTE EXCAVATION AND PIT 3 AND BPA BACKFILL PLAN

MWH

SHEET: 4-51 | REVISION: 3

FILE NAME: 4-49 | DATE: JUNE 2015

PW:\\AMER-PWINT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\90-RA\013-SHEET SET\2015-01-01 BOR\04_MINE EXCAV\4-49.dwg



LEGEND:

×-21.1	ESTIMATED THICKNESS OF PROPOSED CUT (FT)
×5.1	ESTIMATED THICKNESS OF PROPOSED FILL (FT)
— — —	EXISTING PIPELINE

NOTES:

1. ABOVE–GRADE MINE WASTE SHALL BE EXCAVATED TO THE NATIVE GROUND SURFACE. EXTENT OF ABOVE–GRADE MINE WASTE WILL BE VISUALLY DETERMINED IN THE FIELD. DETERMINATION OF EXTENT OF SOIL CLEANUP AFTER ABOVE–GRADE WASTE REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH PROCEDURES DESCRIBED IN THE SOIL CLEANUP VERIFICATION PLAN. (APPENDIX S)
2. FINISHED GRADE AND EXCAVATION DEPTHS PRESENTED HAVE BEEN ESTIMATED BASED ON PREMINE TOPOGRAPHY.
3. CONTRACTOR SHALL REMOVE INDICATED UTILITIES AND FACILITIES CONCURRENTLY WITH REMOVAL OF THE PCP AND EXCAVATION OF MINE WASTE WITHIN THE CENTRAL DRAINAGE. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION OF THESE UTILITIES AND FACILITIES IN THE FIELD.
4. CONTRACTOR SHALL MAINTAIN OR RELOCATE INDICATED UTILITIES AND FACILITIES TO PREVENT INTERRUPTION OF SERVICE DURING PHASE 3 ACTIVITIES. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION OF THESE UTILITIES AND FACILITIES IN THE FIELD.
5. CONTRACTOR SHALL MAINTAIN OR RELOCATE INDICATED UTILITIES AND FACILITIES TO PREVENT INTERRUPTION OF SERVICE UNTIL EPA APPROVES DEMOLITION AND DISPOSAL. CONTRACTOR SHALL DEMOLISH AND DISPOSE OF INDICATED UTILITIES AND FACILITIES AFTER APPROVAL BY EPA. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION OF THESE UTILITIES AND FACILITIES IN THE FIELD.

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- PREMINE TOPOGRAPHY AND PIT EXCAVATION TOPOGRAPHY BASED UPON INFORMATION PREPARED BY USBM JULY 1995 AND PROVIDED BY DAWN MINING COMPANY, LLC. ORIGINAL COORDINATE SYSTEM USED IN USBM MAPPING (NAD27/NGVD29) HAS BEEN CONVERTED TO WASHINGTON STATE PLANE–NORTH, NAD83/NAVD88 COORDINATES.
- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 2.
- DESIGN CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 3 - CENTRAL DRAINAGE EXCAVATION PLAN

MWH

SHEET 4-52 | REVISION 3
FILE NAME 4-50 | DATE JUNE 2015

PW: \\AMERVPWINT03.MWHGLOBAL.COM: AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-50.dwg

TOE SEEP COLLECTOR PIPELINE TO THE PCP (NOTE 5)

TOE SEEP PUMPHOUSE (NOTE 6)

CENTRAL SW ATTENUATION EMBANKMENT (SEE SECTION 6)

FAR EAST SEEP DRAINAGE PIPELINE TO TRENCHES WET WELL (SEE SECTION 10; NOTE 4)

EXISTING FENCE TO BE REMOVED DURING PHASE 3 (SEE SECTION 8)

CENTRAL DRAINAGE ALLUVIAL GW INTERCEPTOR SYSTEM (SEE SECTION 7; NOTE 4)

EASTERN DRAINAGE

CENTRAL DRAINAGE

WESTERN DRAINAGE ALLUVIAL GW INTERCEPTOR SYSTEM (SEE SECTION 7)

WEST SW ATTENUATION EMBANKMENT (SEE SECTION 6)

TRENCHES WET WELL PIPELINE TO WTP

SOUTH SW ATTENUATION EMBANKMENT (SEE SECTION 6)

WESTERN DRAINAGE

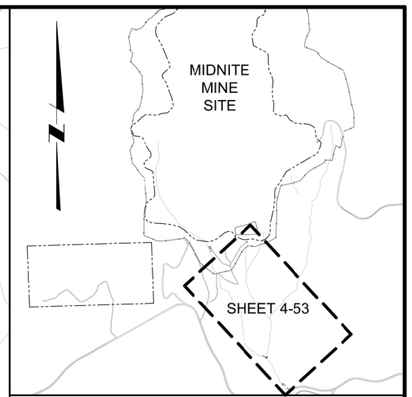
MIDNITE MINE DRAINAGE POND (SEE NOTE 3)

WEST END ROAD

60' WIDE COUNTY ROAD ROW

0 100' 200'

CONTOUR INTERVAL = 10'



KEYMAP
NTS

LEGEND:

LIMITS OF IDENTIFIED CONTAMINATED SOIL AND SEDIMENTS.

NOTES:

1. LIMITS SHOWN FOR CONTAMINATED SOIL AND SEDIMENTS ARE BASED ON PREVIOUS FIELD INVESTIGATIONS. EXTENT OF CONTAMINATION, AS IDENTIFIED IN THE FIELD, WILL DETERMINE THE EXTENT OF SOIL AND SEDIMENT EXCAVATION.
2. AFTER REMOVAL OF CONTAMINATED SOIL AND SEDIMENT, GROUND SURFACE SHALL BE REGRADED TO MIMIC NATIVE SLOPES AND REVEGETATED.
3. MIDNITE MINE DRAINAGE POND WILL BE DEWATERED AND SOIL AND SEDIMENTS FAILING TO MEET CLEANUP STANDARDS WILL BE REMOVED AS PART OF THE WORK.
4. CONTRACTOR SHALL MAINTAIN OR RELOCATE INDICATED UTILITIES AND FACILITIES TO PREVENT INTERRUPTION OF SERVICE DURING PHASE 3 ACTIVITIES. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION OF THESE UTILITIES AND FACILITIES IN THE FIELD
5. CONTRACTOR SHALL REMOVE INDICATED UTILITIES AND FACILITIES CONCURRENTLY WITH REMOVAL OF THE PCP AND EXCAVATION OF MINE WASTE WITHIN THE CENTRAL DRAINAGE. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION OF THESE UTILITIES AND FACILITIES IN THE FIELD.
6. CONTRACTOR SHALL MAINTAIN OR RELOCATE INDICATED UTILITIES AND FACILITIES TO PREVENT INTERRUPTION OF SERVICE UNTIL EPA APPROVES DEMOLITION AND DISPOSAL. CONTRACTOR SHALL DEMOLISH AND DISPOSE OF INDICATED UTILITIES AND FACILITIES AFTER APPROVAL BY EPA. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION OF THESE UTILITIES AND FACILITIES IN THE FIELD.

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14
1	ISSUED FOR 60% DESIGN	DM	SM	12–13
0	ISSUED FOR 30% DESIGN	DM	SM	11–12

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DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

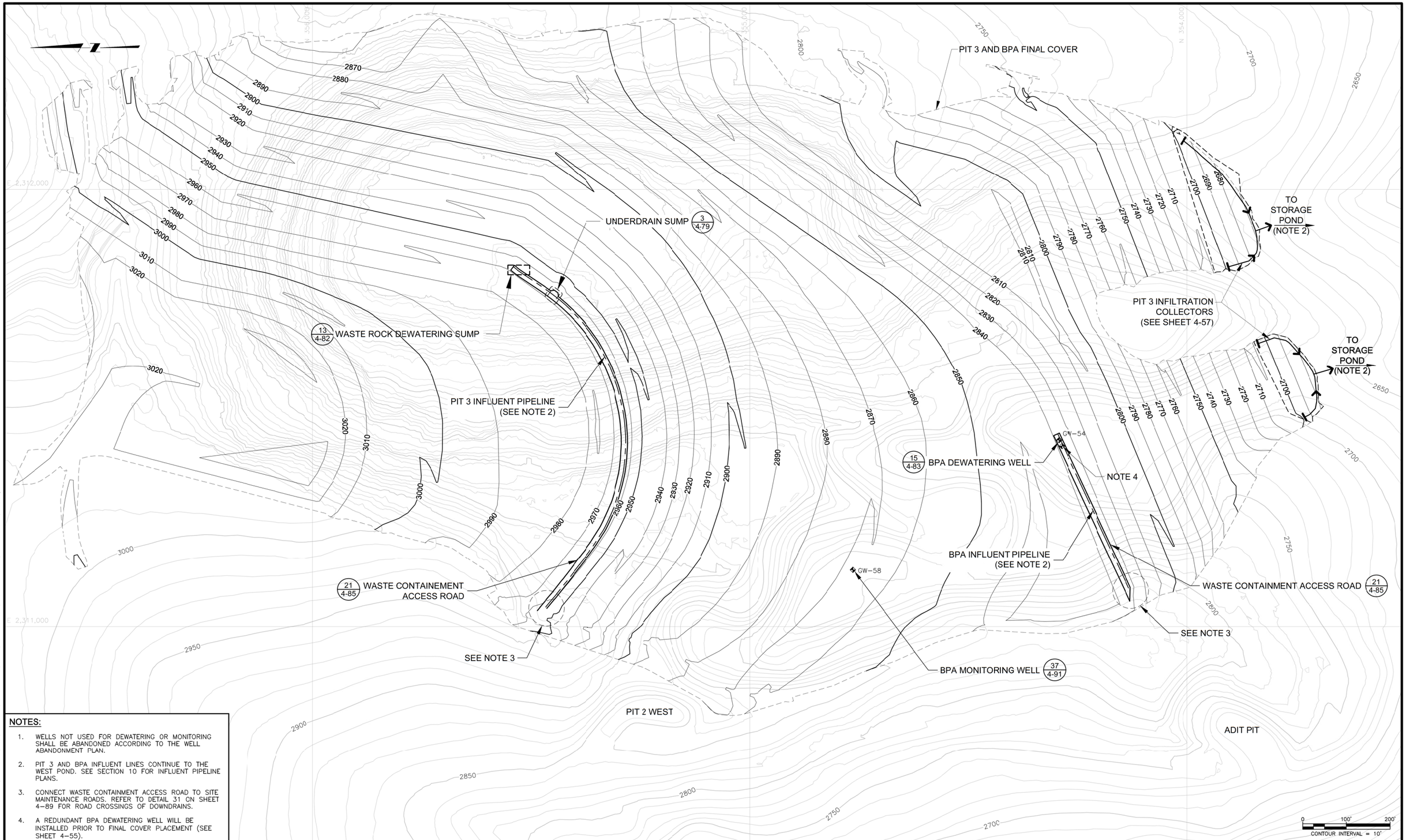
TITLE: PHASE 3 - CONTAMINATED SOIL AND SEDIMENT EXCAVATION PLAN

MWH

SHEET 4-53 | REVISION 3

FILE NAME 4-51 | DATE JUNE 2015

PW: \\AMERVPWINT03.WHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-51.dwg



NOTES:

1. WELLS NOT USED FOR DEWATERING OR MONITORING SHALL BE ABANDONED ACCORDING TO THE WELL ABANDONMENT PLAN.
2. PIT 3 AND BPA INFLUENT LINES CONTINUE TO THE WEST POND. SEE SECTION 10 FOR INFLUENT PIPELINE PLANS.
3. CONNECT WASTE CONTAINMENT ACCESS ROAD TO SITE MAINTENANCE ROADS. REFER TO DETAIL 31 ON SHEET 4–89 FOR ROAD CROSSINGS OF DOWNDRAINS.
4. A REDUNDANT BPA DEWATERING WELL WILL BE INSTALLED PRIOR TO FINAL COVER PLACEMENT (SEE SHEET 4–55).

REV	DESCRIPTION	TECH	ENG	DATE
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2	ISSUED FOR 90% DESIGN	KR	SM	07–14
1	ISSUED FOR 60% DESIGN	DM	SM	12–13
0	ISSUED FOR 30% DESIGN	DM	SM	11–12

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- EXISTING CONTOURS REPRESENT MINE SITE SUBGRADE.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

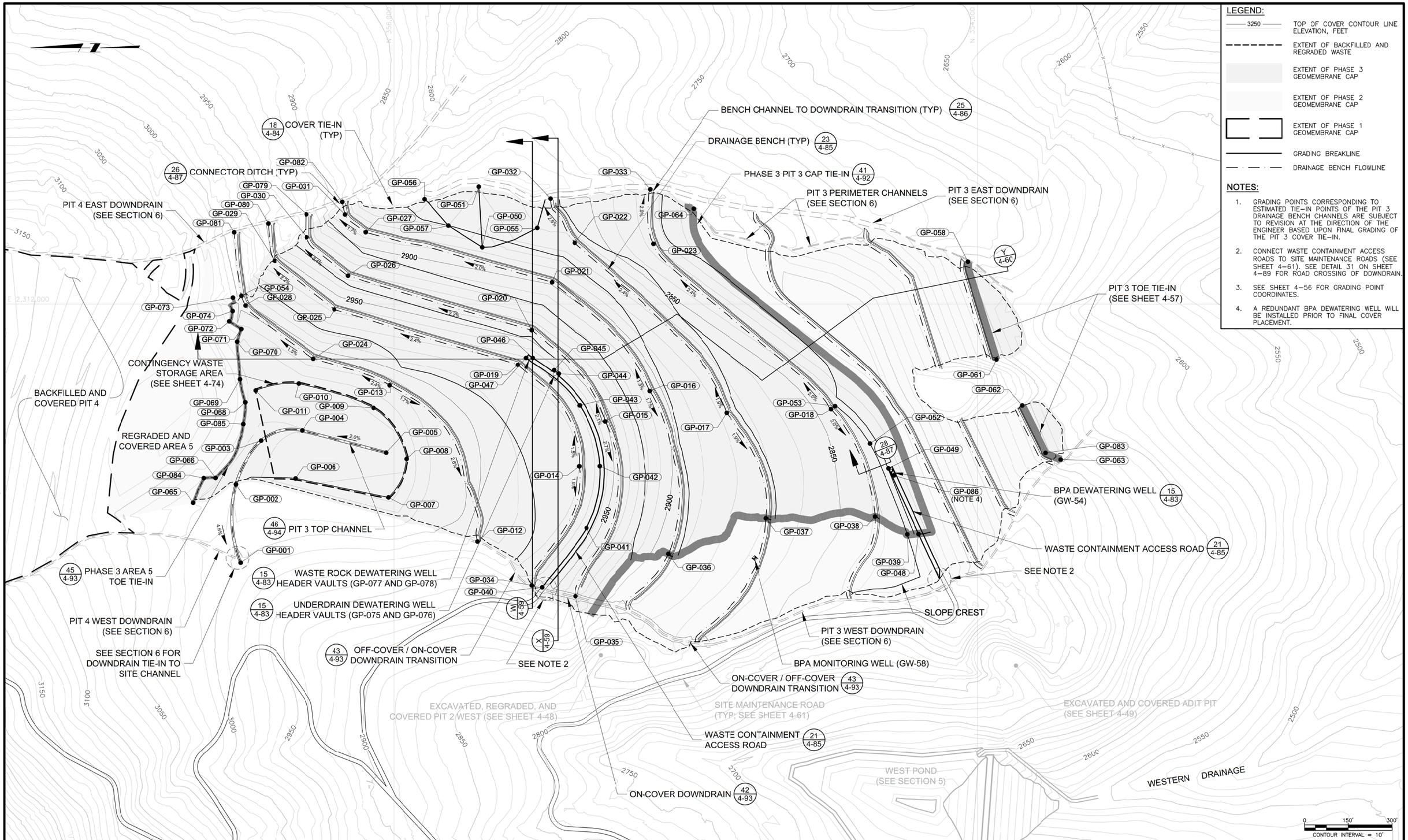
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 3 - BPA DEWATERING AND INFILTRATION COLLECTION PLAN

MWH

SHEET 4-54 | REVISION 3
FILE NAME 4-52 | DATE JUNE 2015

PW:\\AMERVPWNTD3.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-52.dwg



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- DESIGN CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

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DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 3 - PIT 3 AND BPA TOP OF COVER GRADING PLAN

MWH

SHEET 4-55 | REVISION 3
FILE NAME 4-53 | DATE JUNE 2015

PW: \\AMERVPWNT03.WWRGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOR\04_MINE EXCAVY\4-53.dwg

GRADING POINTS

POINT NO.	NORTHING (FT)	EASTING (FT)	ELEVATION (FT)	DESCRIPTION
GP-001	356525.9	2311113.4	2996.9	PIT 3 TOP CHANNEL FLOW LINE
GP-002	356541.6	2311382.3	3012.5	PIT 3 TOP CHANNEL FLOW LINE
GP-003	356455.0	2311531.6	3015.8	PIT 3 TOP CHANNEL FLOW LINE
GP-004	356314.7	2311566.4	3018.8	PIT 3 TOP CHANNEL FLOW LINE
GP-005	356026.5	2311490.7	3026.0	PIT 3 TOP CHANNEL FLOW LINE
GP-006	356337.5	2311402.5	3028.5	SLOPE CREST
GP-007	356018.6	2311338.0	3034.2	SLOPE CREST
GP-008	355956.1	2311469.1	3027.6	SLOPE CREST
GP-009	356039.8	2311643.2	3031.1	SLOPE CREST
GP-010	356326.3	2311726.6	3027.4	SLOPE CREST
GP-011	356473.1	2311702.9	3025.9	SLOPE CREST
GP-012	355713.7	2311187.2	2984.2	DRAINAGE BENCH TIE-IN TO DOWNDRAIN
GP-013	356014.9	2311720.7	3009.5	DRAINAGE BENCH FLOW LINE GRADE BREAK
GP-014	355334.3	2311444.1	2979.2	DRAINAGE BENCH FLOW LINE GRADE BREAK
GP-015	355276.2	2311597.0	2950.1	DRAINAGE BENCH FLOW LINE GRADE BREAK
GP-016	355122.5	2311701.0	2904.5	DRAINAGE BENCH FLOW LINE GRADE BREAK
GP-017	354859.9	2311626.5	2877.1	DRAINAGE BENCH FLOW LINE GRADE BREAK
GP-018	354501.4	2311639.1	2845.0	DRAINAGE BENCH FLOW LINE GRADE BREAK
GP-019	355575.4	2311791.4	2973.0	DRAINAGE BENCH FLOW LINE
GP-020	355527.6	2311910.4	2941.7	DRAINAGE BENCH FLOW LINE
GP-021	355457.4	2312074.5	2897.9	DRAINAGE BENCH FLOW LINE
GP-022	355379.9	2312209.3	2860.1	DRAINAGE BENCH FLOW LINE
GP-023	355110.0	2312205.9	2826.6	DRAINAGE BENCH FLOW LINE
GP-024	356276.0	2311812.3	3002.7	DRAINAGE BENCH FLOW LINE
GP-025	356204.2	2311981.5	2957.4	DRAINAGE BENCH FLOW LINE
GP-026	356157.1	2312096.9	2926.9	DRAINAGE BENCH FLOW LINE
GP-027	356096.4	2312245.7	2885.0	DRAINAGE BENCH FLOW LINE
GP-028	356509.3	2311994.7	2997.0	DRAINAGE BENCH FLOW LINE
GP-029	356409.2	2312148.3	2951.3	DRAINAGE BENCH FLOW LINE
GP-030	356298.8	2312228.4	2922.6	DRAINAGE BENCH FLOW LINE
GP-031	356137.0	2312306.3	2883.1	DRAINAGE BENCH FLOW LINE
GP-032	355432.5	2312360.5	2850.8	DRAINAGE BENCH TIE-IN TO DOWNDRAIN
GP-033	355120.5	2312392.4	2818.8	DRAINAGE BENCH TIE-IN TO DOWNDRAIN
GP-034	355527.4	2311035.7	2964.2	DRAINAGE BENCH TIE-IN TO DOWNDRAIN
GP-035	355377.6	2310998.8	2929.8	DRAINAGE BENCH TIE-IN TO DOWNDRAIN
GP-036	355030.2	2311145.3	2894.5	DRAINAGE BENCH FLOW LINE
GP-037	354724.3	2311266.7	2869.5	DRAINAGE BENCH FLOW LINE
GP-038	354351.1	2311272.5	2837.1	DRAINAGE BENCH FLOW LINE
GP-039	354240.6	2311211.9	2846.3	SLOPE CREST
GP-040	355492.0	2311029.1	2956.9	EDGE OF ROAD
GP-041	355339.9	2311233.7	2962.2	EDGE OF ROAD
GP-042	355294.3	2311444.6	2964.6	EDGE OF ROAD
GP-043	355332.8	2311651.9	2966.9	EDGE OF ROAD
GP-044	355434.6	2311760.4	2966.7	EDGE OF WELL RISER PAD
GP-045	355450.5	2311772.5	2966.9	EDGE OF WELL RISER PAD

GRADING POINTS

POINT NO.	NORTHING (FT)	EASTING (FT)	ELEVATION (FT)	DESCRIPTION
GP-046	355524.1	2311815.4	2969.4	EDGE OF WELL RISER PAD
GP-047	355546.9	2311815.4	2969.3	EDGE OF ROAD
GP-048	354201.6	2311212.8	2835.9	EDGE OF ROAD
GP-049	354304.5	2311436.8	2839.6	EDGE OF ROAD
GP-050	355697.5	2312194.2	2885.3	BREAK LINE
GP-051	355709.4	2312401.6	2869.3	BREAK LINE
GP-052	354368.3	2311521.7	2846.5	SLOPE CREST
GP-053	354487.6	2311649.4	2847.0	SLOPE CREST
GP-054	356523.2	2312028.1	2995.6	DRAINAGE BENCH FLOW LINE
GP-055	355508.8	2312260.6	2860.3	BREAK LINE
GP-056	355895.2	2312358.7	2855.2	BREAK LINE
GP-057	355813.5	2312268.5	2870.7	BREAK LINE
GP-058	354033.0	2312144.8	2696.6	PHASE 3 PIT 3 TOE TIE-IN
GP-061	353935.1	2311809.9	2709.1	PHASE 3 PIT 3 TOE TIE-IN
GP-062	353846.3	2311651.6	2708.7	PHASE 3 PIT 3 TOE TIE-IN
GP-063	353715.3	2311467.0	2692.5	PHASE 3 PIT 3 TOE TIE-IN
GP-064	354972.6	2312326.0	2803.8	EDGE OF COVER
GP-065	356686.8	2311319.7	3019.0	PHASE 3 AREA 5 TOE TIE-IN
GP-066	356610.9	2311404.2	3024.8	PHASE 3 AREA 5 TOE TIE-IN
GP-068	356510.4	2311662.6	3031.7	PHASE 3 AREA 5 TOE TIE-IN
GP-069	356528.1	2311741.3	3033.2	PHASE 3 AREA 5 TOE TIE-IN
GP-070	356537.4	2311871.1	3023.7	PHASE 3 AREA 5 TOE TIE-IN
GP-071	356523.7	2311914.5	3015.0	PHASE 3 AREA 5 TOE TIE-IN
GP-072	356564.1	2311940.8	3015.0	PHASE 3 AREA 5 TOE TIE-IN
GP-073	356551.7	2312021.8	2998.6	PHASE 3 AREA 5 TOE TIE-IN
GP-074	356552.8	2311976.1	3006.1	PHASE 3 AREA 5 TOE TIE-IN
GP-075	355444.6	2311755.5	2968.3	UNDERDRAIN DEWATERING RISER
GP-076	355452.6	2311761.5	2968.4	UNDERDRAIN DEWATERING RISER
GP-077	355523.2	2311815.8	2969.0	WASTE ROCK DEWATERING RISER
GP-078	355533.2	2311815.8	2969.4	WASTE ROCK DEWATERING RISER
GP-079	356299.6	2312306.9	2920.7	CONNECTOR DITCH TIE-IN TO DOWN-DRAIN
GP-080	356430.5	2312275.4	2948.0	CONNECTOR DITCH TIE-IN TO DOWN-DRAIN
GP-081	356547.5	2312245.6	2988.0	CONNECTOR DITCH TIE-IN TO DOWN-DRAIN
GP-082	356176.4	2312349.5	2882.0	CONNECTOR DITCH TIE-IN TO DOWN-DRAIN
GP-083	353765.9	2311489.8	2704.5	PHASE 3 PIT 3 TOE TIE-IN
GP-084	356650.9	2311403.6	3030.0	PHASE 3 AREA 5 TOE TIE-IN
GP-085	356517.2	2311587.9	3029.6	PHASE 3 AREA 5 TOE TIE-IN
GP-086	354285.8	2311412.9	5678.9	REDUNDANT BPA DEWATERING WELL

NOTES:

1. GRADING POINTS ARE SHOWN ON SHEET 4-55.
2. REFER TO DETAIL 15 ON SHEET 4-83 FOR WELL HEADER CONSTRUCTION INFORMATION.
3. ELEVATIONS SHOWN REFER TO FINISHED GRADE AT TOP OF SOIL COVER.

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DRAWN BY	K REED	06-15
CHECKED BY	T KELLEY	06-15
APPROVED BY	C STRACHAN	06-15
PROJECT MANAGER	V DRAIN	06-15

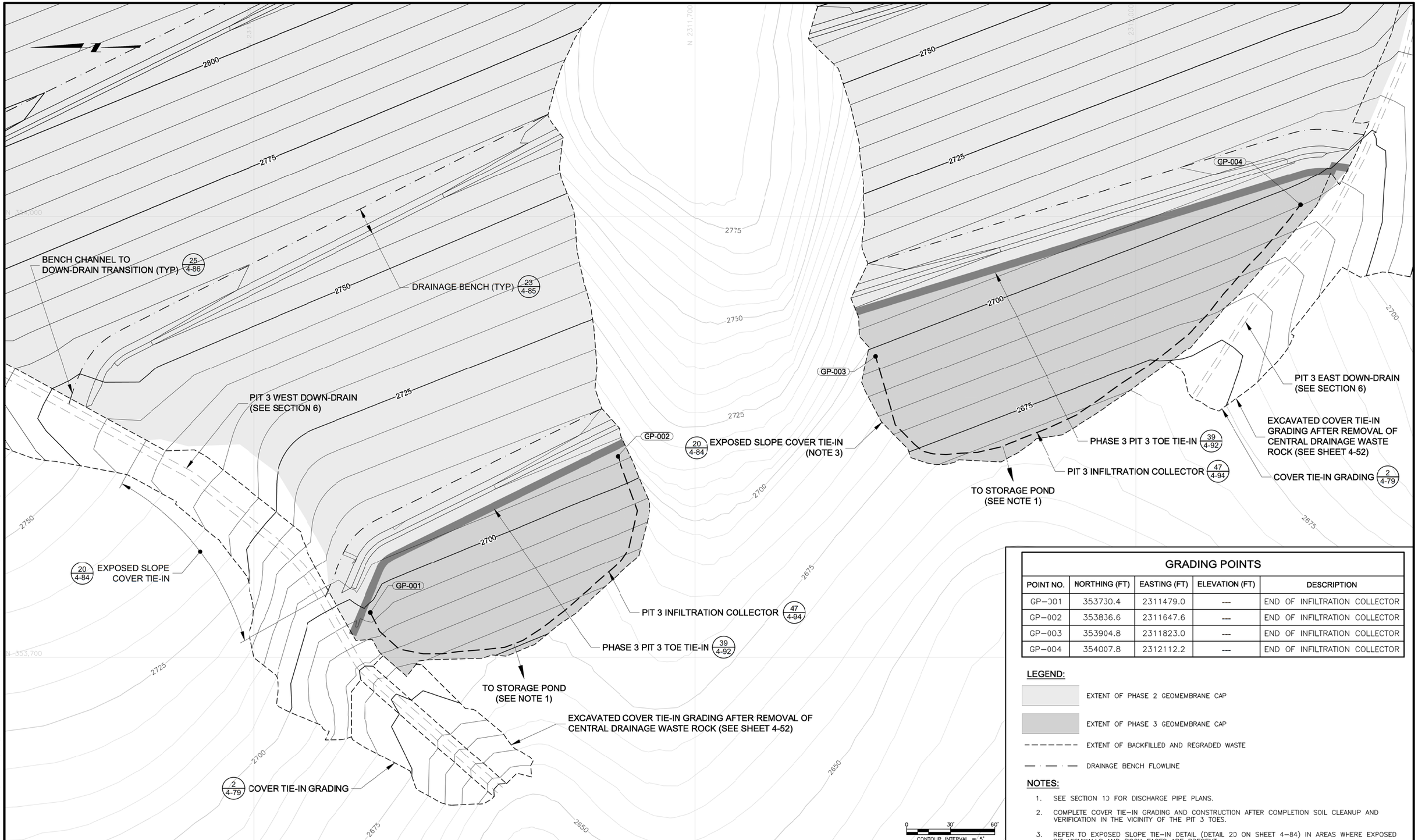
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 3 - PIT 3 AND BPA TOP OF COVER GRADING POINT TABLE

MWH

SHEET 4-56 | REVISION 3
FILE NAME 4-53 | DATE JUNE 2015

PW:\\AMERVPWNT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\90-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-53.dwg



GRADING POINTS

POINT NO.	NORTHING (FT)	EASTING (FT)	ELEVATION (FT)	DESCRIPTION
GP-001	353730.4	2311479.0	---	END OF INFILTRATION COLLECTOR
GP-002	353836.6	2311647.6	---	END OF INFILTRATION COLLECTOR
GP-003	353904.8	2311823.0	---	END OF INFILTRATION COLLECTOR
GP-004	354007.8	2312112.2	---	END OF INFILTRATION COLLECTOR

LEGEND:

- EXTENT OF PHASE 2 GEOMEMBRANE CAP
- EXTENT OF PHASE 3 GEOMEMBRANE CAP
- EXTENT OF BACKFILLED AND REGRADED WASTE
- DRAINAGE BENCH FLOWLINE

NOTES:

1. SEE SECTION 10 FOR DISCHARGE PIPE PLANS.
2. COMPLETE COVER TIE-IN GRADING AND CONSTRUCTION AFTER COMPLETION SOIL CLEANUP AND VERIFICATION IN THE VICINITY OF THE PIT 3 TOES.
3. REFER TO EXPOSED SLOPE TIE-IN DETAIL (DETAIL 20 ON SHEET 4-84) IN AREAS WHERE EXPOSED PIT HIGHWALLS AND ROCK FACES ARE PRESENT.

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- PREMINE TOPOGRAPHY AND PIT EXCAVATION TOPOGRAPHY BASED UPON INFORMATION PREPARED BY USBM, JULY 1995 AND PROVIDED BY DAWN MINING COMPANY, LLC. ORIGINAL COORDINATE SYSTEM USED IN USBM MAPPING (NAD27/NGVD29) HAS BEEN CONVERTED TO WASHINGTON STATE PLANE-NORTH, NAD83/NAVD88 COORDINATES.

DESIGNED BY	S MCMANUS	06-15
DRAWN BY	K REED	06-15
CHECKED BY	T KELLEY	06-15
APPROVED BY	C STRACHAN	06-15
PROJECT MANAGER	V DRAIN	06-15

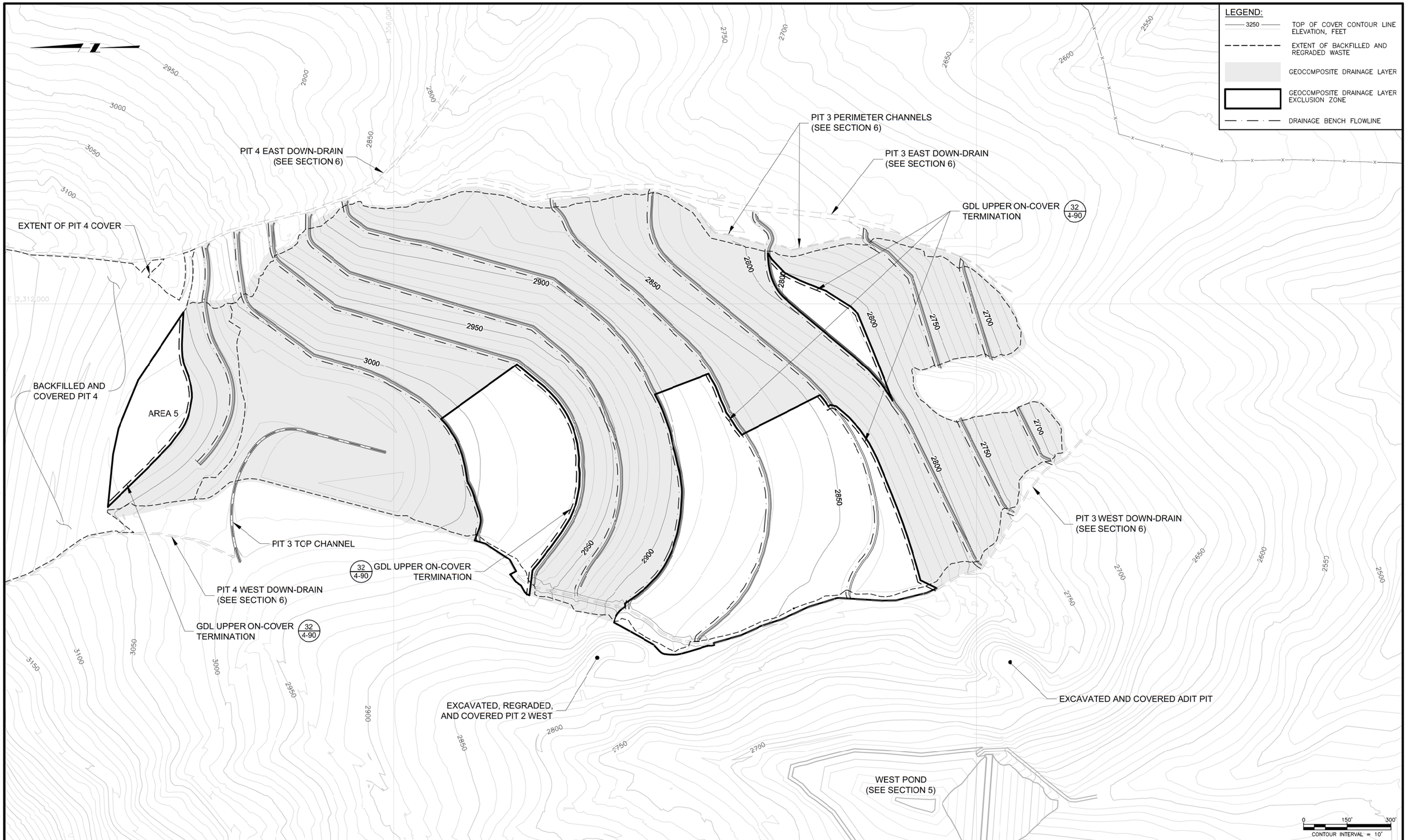
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 3 - PIT 3 TOE AREA GRADING PLAN

MWH

SHEET 4-57 | REVISION 3
FILE NAME 4-55 | DATE JUNE 2015

PW: \\AMERVPWINT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-55.dwg



REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14
1	ISSUED FOR 60% DESIGN	DM	SM	12–13

ISSUE

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DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

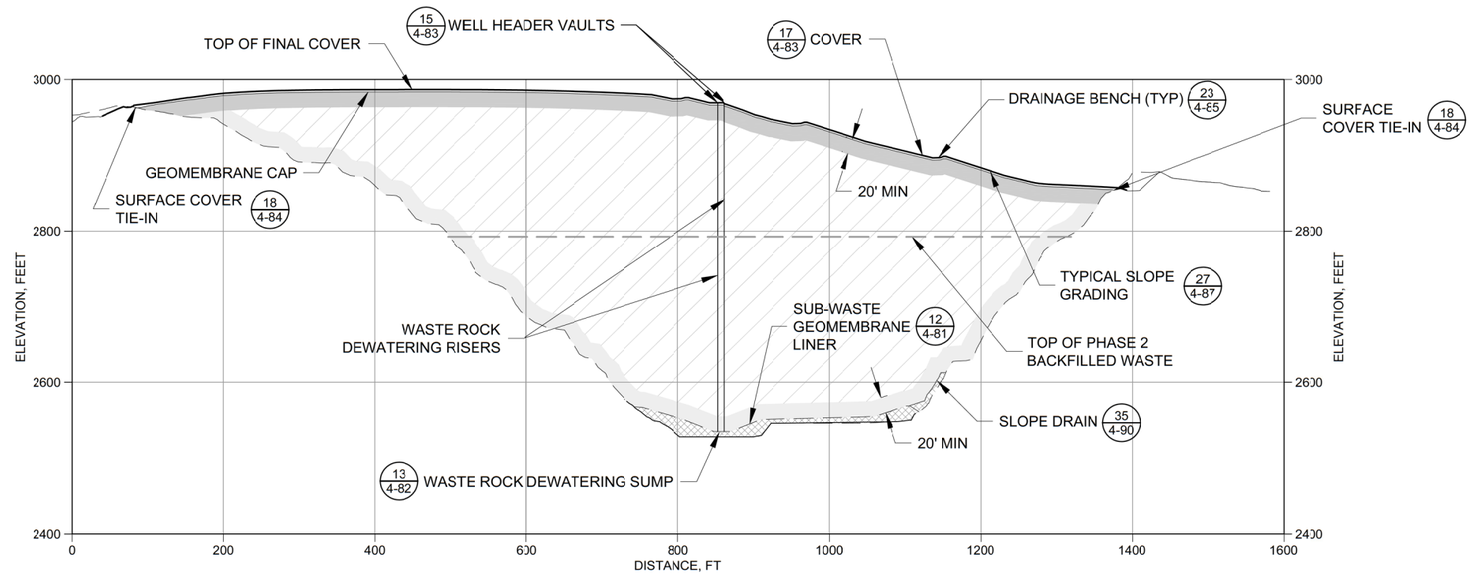
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PHASE 3 - EXTENT OF PIT 3 AND AREA 5 GEOCOMPOSITE DRAINAGE LAYER

MWH

SHEET 4-58 | REVISION 3
FILE NAME 4-56 | DATE JUNE 2015

PW:\\AMERVPWNT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\R0-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-56.dwg

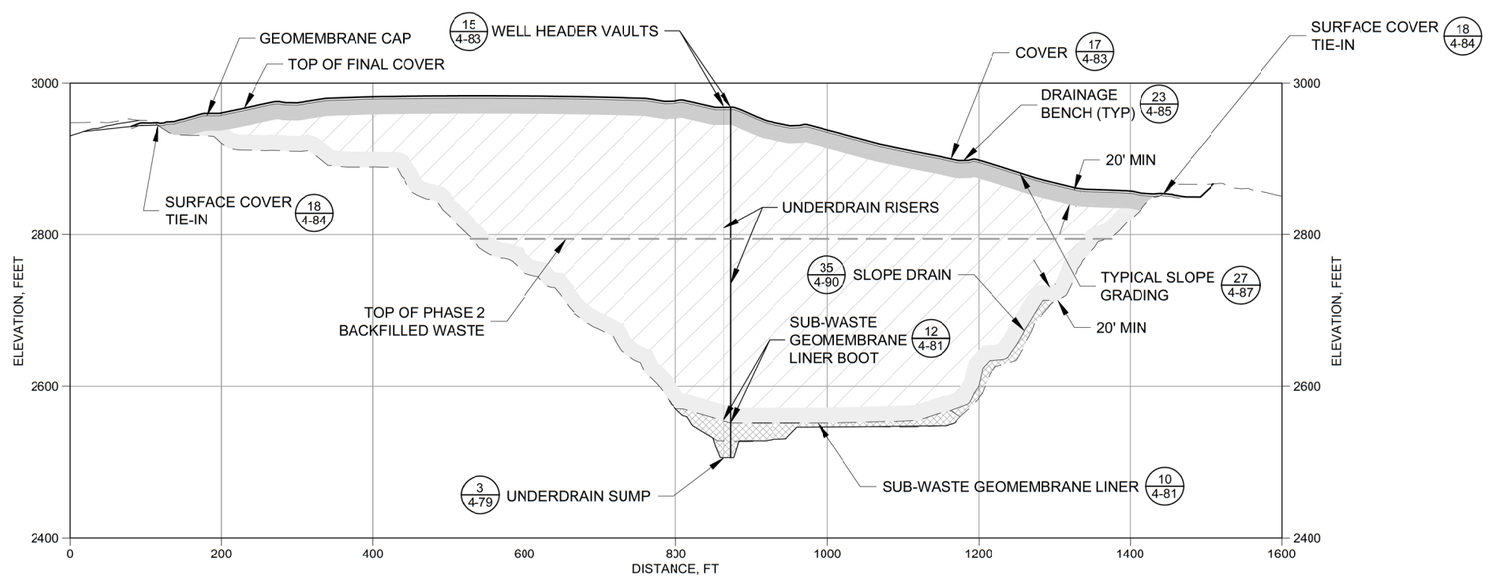


W 4-55 PHASE 3 - PIT 3 BACKFILL

0 100' 200'

LEGEND:

- EXISTING GROUND SURFACE
- REGRADED PIT BOTTOM
- UNCLASSIFIED WASTE
- LOW–REACTIVITY WASTE
- DRAIN GRAVEL, DRAIN ROCK, AND/OR LINER BEDDING
- LOW–ACTIVITY WASTE



X 4-55 PHASE 3 - PIT 3 BACKFILL

0 100' 200'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14
1	ISSUED FOR 60% DESIGN	KT	SM	12–13
0	ISSUED FOR 30% DESIGN	DM	SM	12–12

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DESIGNED BY	S MCMANUS	06–15
DRAWN BY	C FOWLER	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

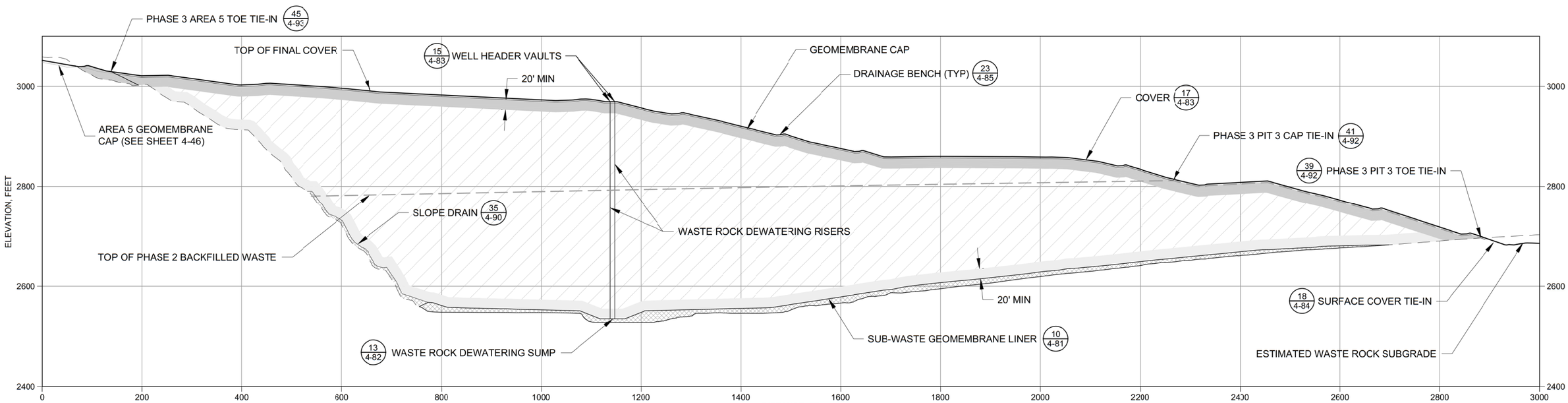
TITLE: PHASE 3 - PIT 3 AND BPA BACKFILL SECTIONS (1 OF 2)

MWH

SHEET: 4-59 | REVISION: 3

FILE NAME: 4-57 | DATE: JUNE 2015

PW: \\AMERVPWINT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-57.dwg



Y/4-55 PHASE 3 - PIT 3 BACKFILL

0 100' 200'

LEGEND:

- EXISTING GROUND SURFACE
- REGRADED PIT BOTTOM
- UNCLASSIFIED WASTE
- LOW-REACTIVITY WASTE
- DRAIN GRAVEL, DRAIN ROCK, AND/OR LINER BEDDING
- LOW-ACTIVITY WASTE

REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06-15
2	ISSUED FOR 90% DESIGN	KR	SM	07-14
1	ISSUED FOR 60% DESIGN	KT	SM	12-13
0	ISSUED FOR 30% DESIGN	DM	SM	12-12

ISSUE

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DESIGNED BY	S MCMANUS	06-15
DRAWN BY	C FOWLER	06-15
CHECKED BY	T KELLEY	06-15
APPROVED BY	C STRACHAN	06-15
PROJECT MANAGER	V DRAIN	06-15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

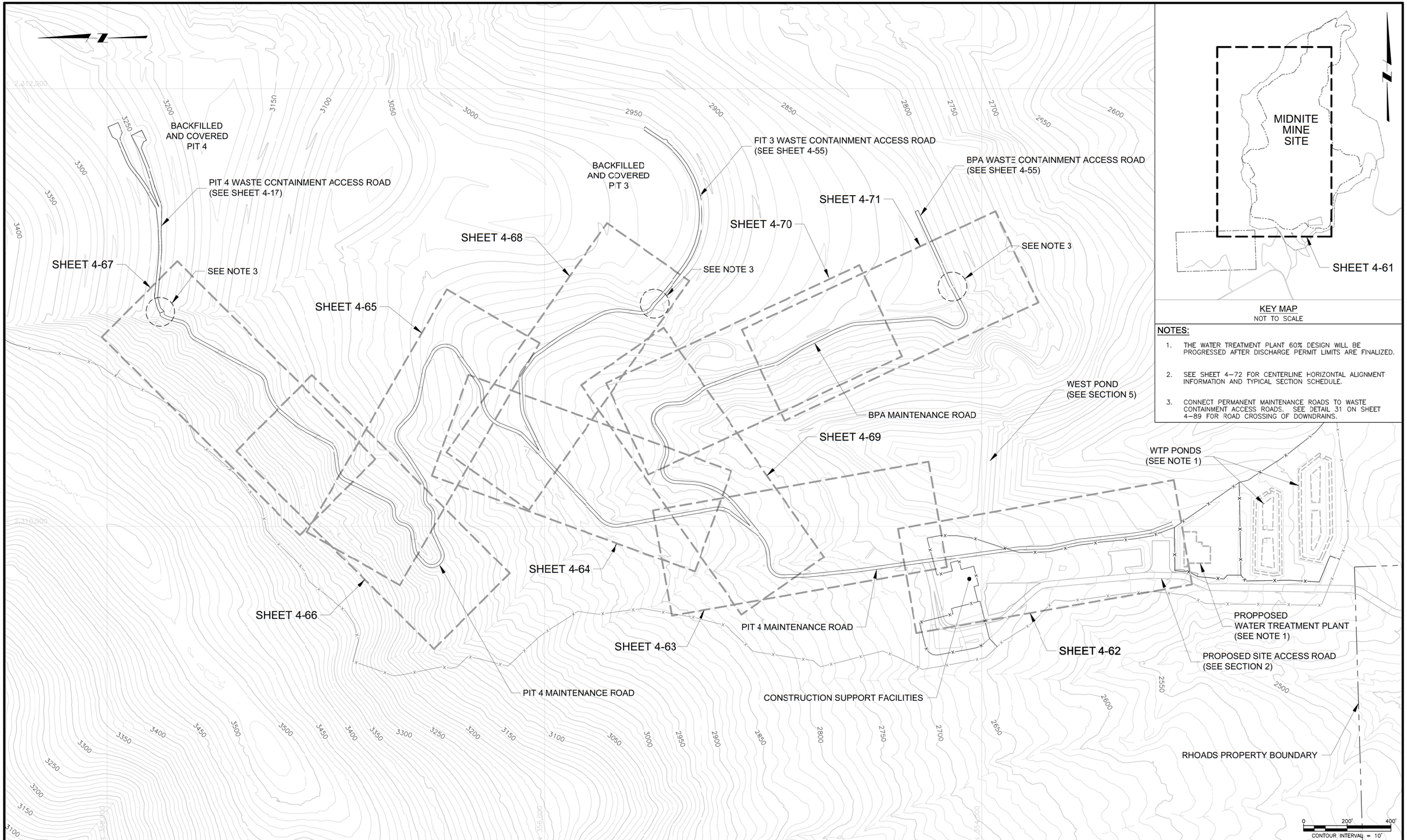
TITLE: PHASE 3 - PIT 3 AND BPA BACKFILL SECTIONS (2 OF 2)

MWH

SHEET 4-60 | REVISION 3

FILE NAME 4-57 | DATE JUNE 2015

PW:\\AMERXPWNT03.WMHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-57.dwg



KEY MAP
NOT TO SCALE

NOTES:

1. THE WATER TREATMENT PLANT 60% DESIGN WILL BE PROGRESSED AFTER DISCHARGE PERMIT LIMITS ARE FINALIZED.
2. SEE SHEET 4–72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATION AND TYPICAL SECTION SCHEDULE.
3. CONNECT PERMANENT MAINTENANCE ROADS TO WASTE CONTAINMENT ACCESS ROADS. SEE DETAIL 31 ON SHEET 4–89 FOR ROAD CROSSING OF DOWNDRAINS.

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

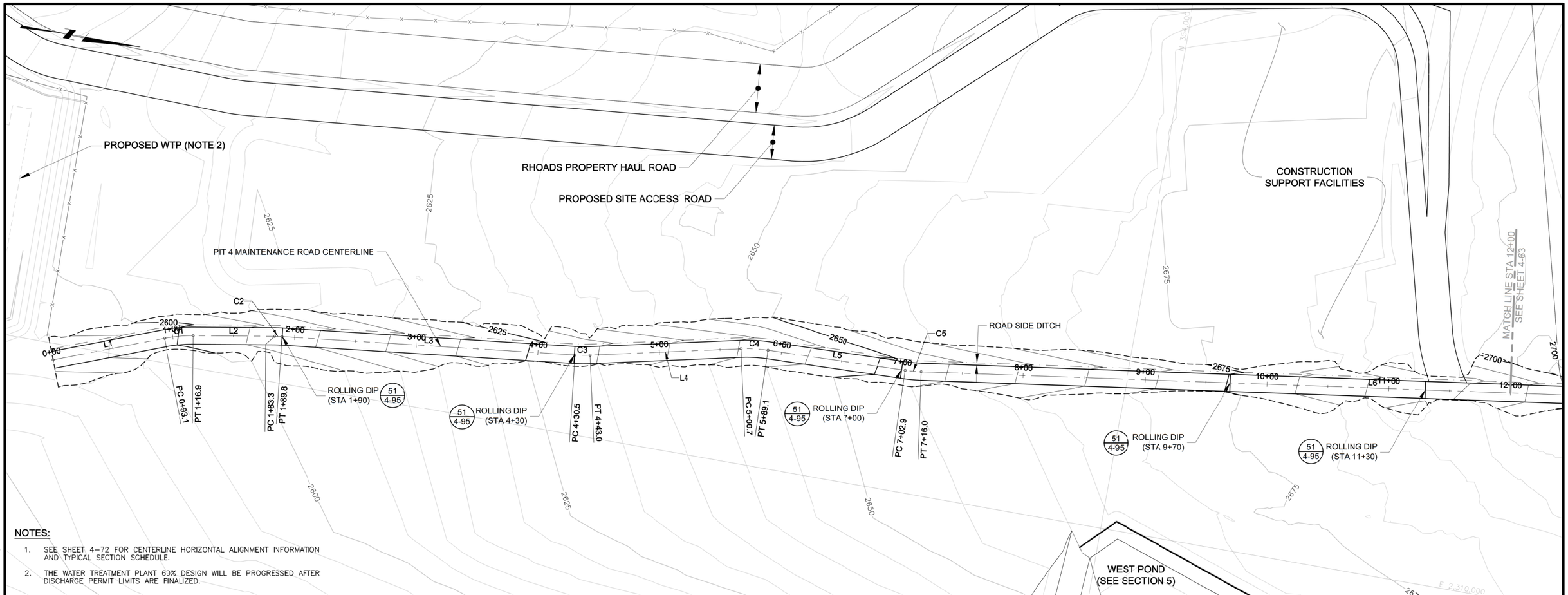
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PERMANENT MAINTENANCE ROADS KEY MAP

MWH

SHEET: 4-61
REVISION: 3
FILE NAME: 4-59
DATE: JUNE 2015

PW: \\AMERVPWINT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-59.dwg



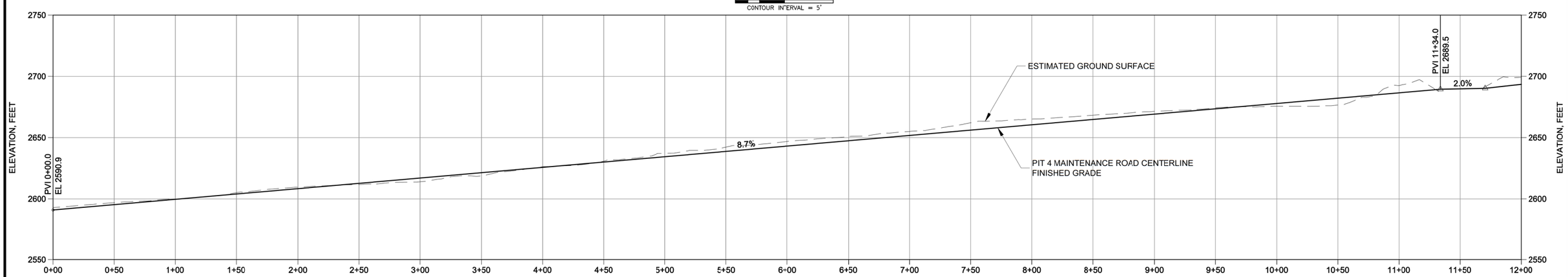
NOTES:

1. SEE SHEET 4–72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATION AND TYPICAL SECTION SCHEDULE.
2. THE WATER TREATMENT PLANT 60% DESIGN WILL BE PROGRESSED AFTER DISCHARGE PERMIT LIMITS ARE FINALIZED.

PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

ISSUE

DISCLAIMER:
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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

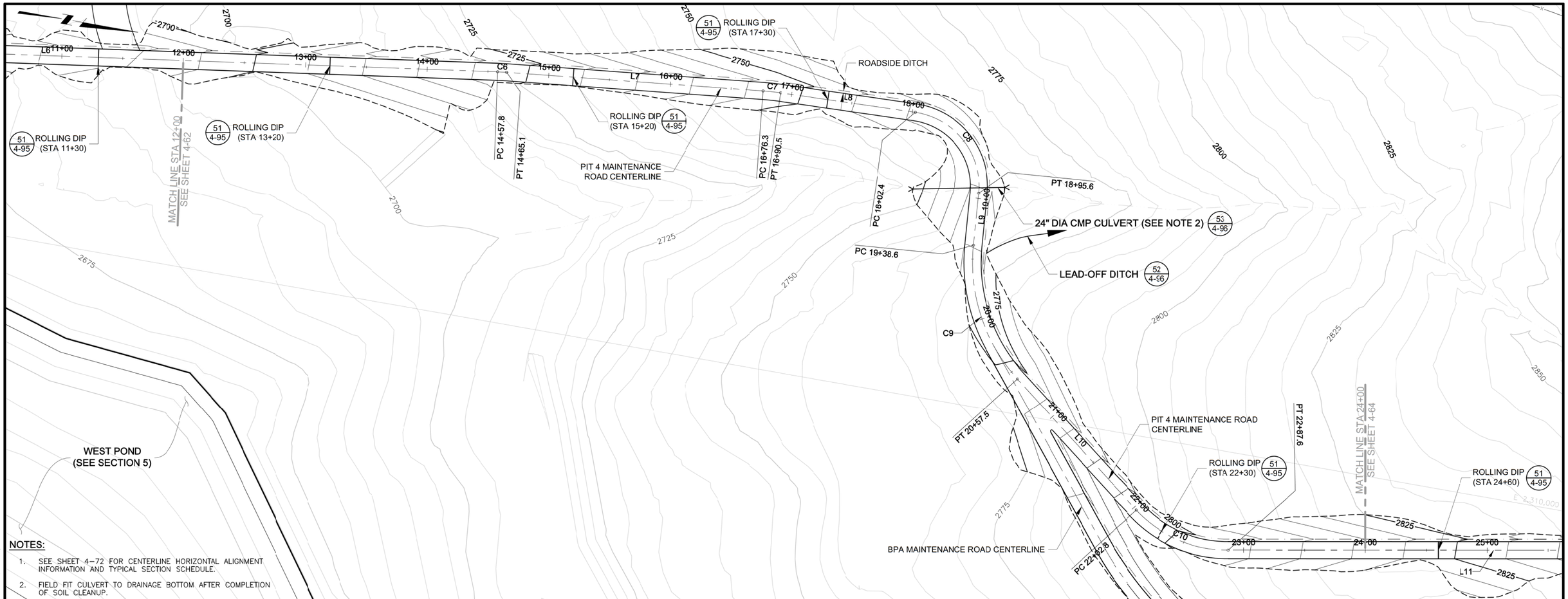
TITLE: PIT 4 MAINTENANCE ROAD PLAN AND PROFILE - STATION 0+00 TO 12+00

MWH

SHEET 4-62 | REVISION 3

FILE NAME 4-60 | DATE JUNE 2015

PW:\\AMENVPWINTO3.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-60.dwg



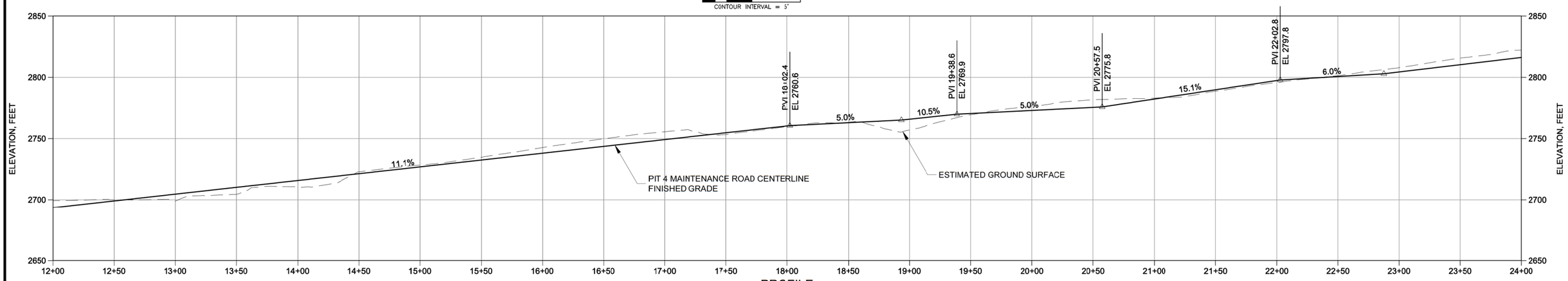
NOTES:

1. SEE SHEET 4-72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATION AND TYPICAL SECTION SCHEDULE.
2. FIELD FIT CULVERT TO DRAINAGE BOTTOM AFTER COMPLETION OF SOIL CLEANUP.

PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

ISSUE

DISCLAIMER:
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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

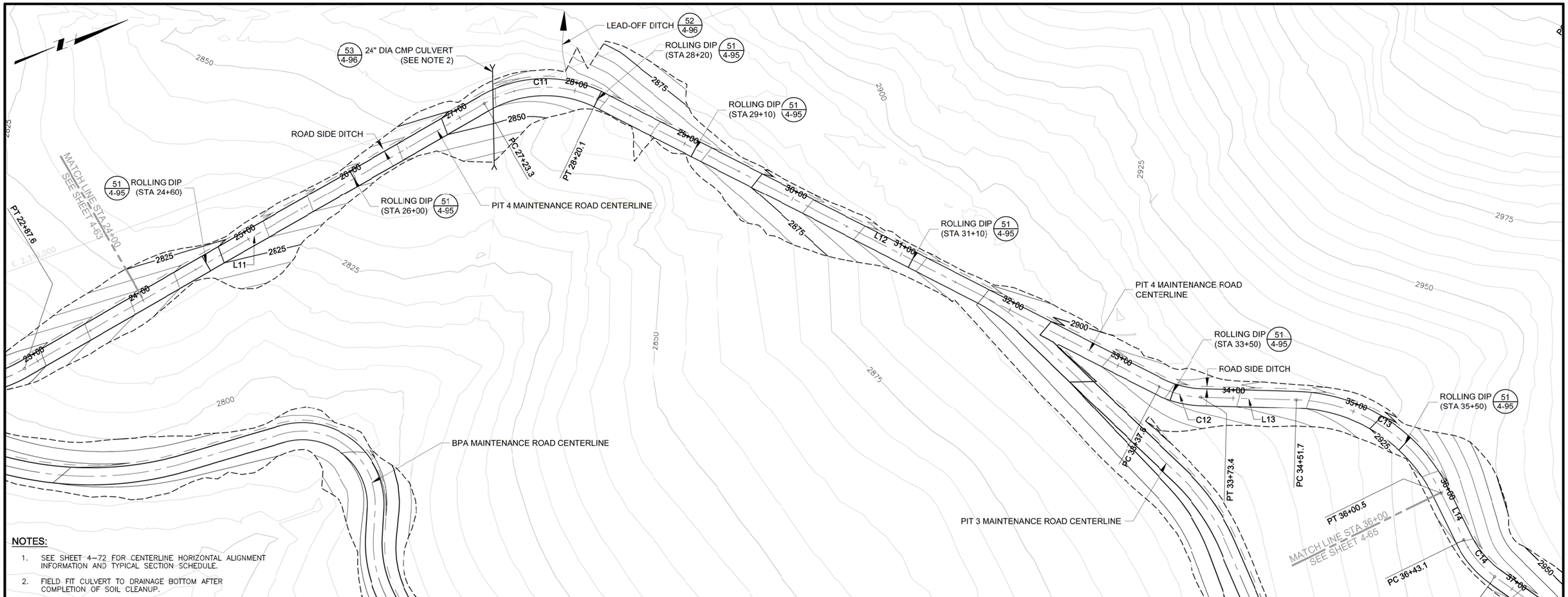
TITLE: PIT 4 MAINTENANCE ROAD PLAN AND PROFILE - STATION 12+00 TO 24+00

MWH

SHEET 4-63 | REVISION 3

FILE NAME 4-60 | DATE JUNE 2015

PW: \\AMENVPWINTO3.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-60.dwg



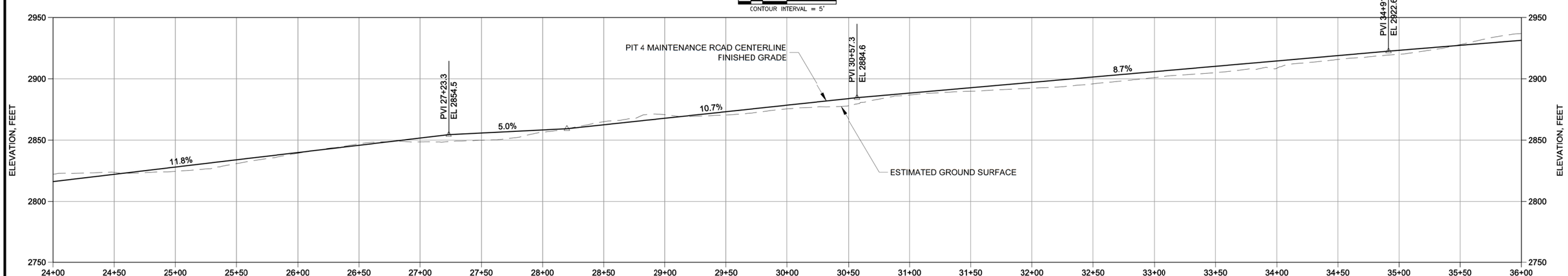
NOTES:

1. SEE SHEET 4–72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATION AND TYPICAL SECTION SCHEDULE.
2. FIELD FIT CULVERT TO DRAINAGE BOTTOM AFTER COMPLETION OF SOIL CLEANUP.

PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

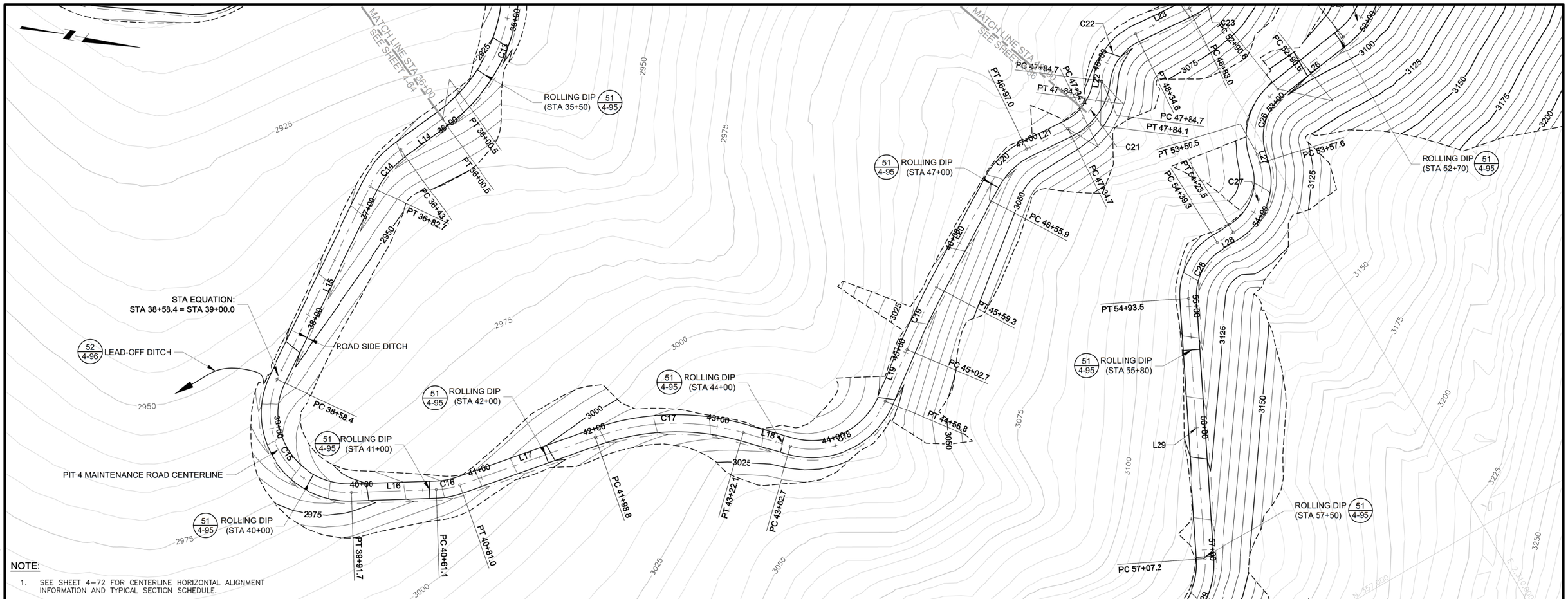
TITLE: PIT 4 MAINTENANCE ROAD PLAN AND PROFILE - STATION 24+00 TO 36+00

MWH

SHEET 4-64 | REVISION 3

FILE NAME 4-60 | DATE JUNE 2015

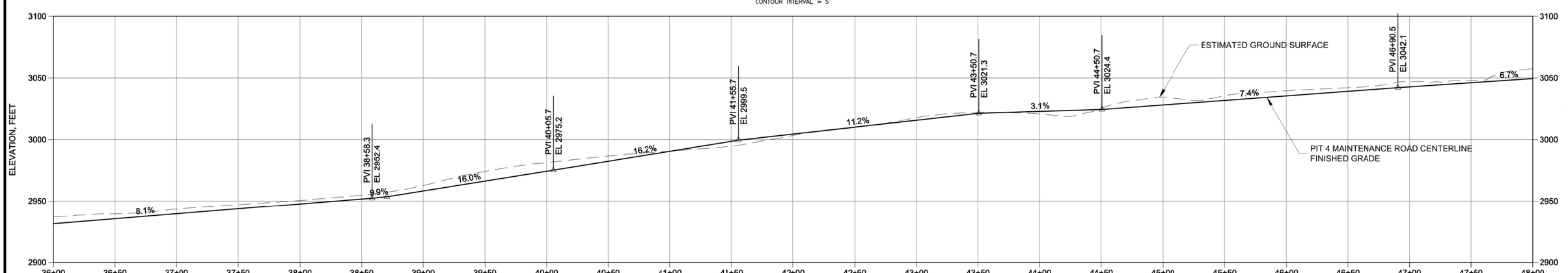
PW: \\AMERVPWNTO3.WWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-60.dwg



PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

ISSUE

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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

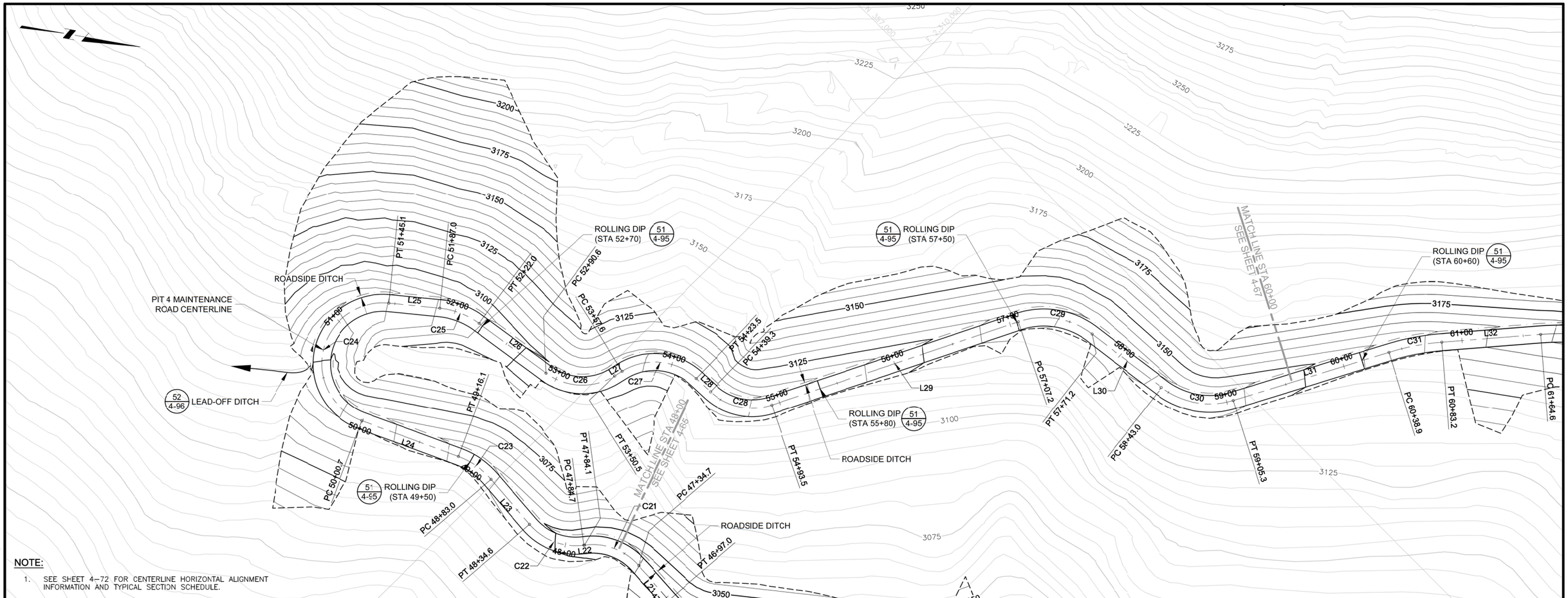
TITLE: PIT 4 MAINTENANCE ROAD PLAN AND PROFILE - STATION 36+00 TO 48+00

MWH

SHEET 4-65 | REVISION 3

FILE NAME 4-60 | DATE JUNE 2015

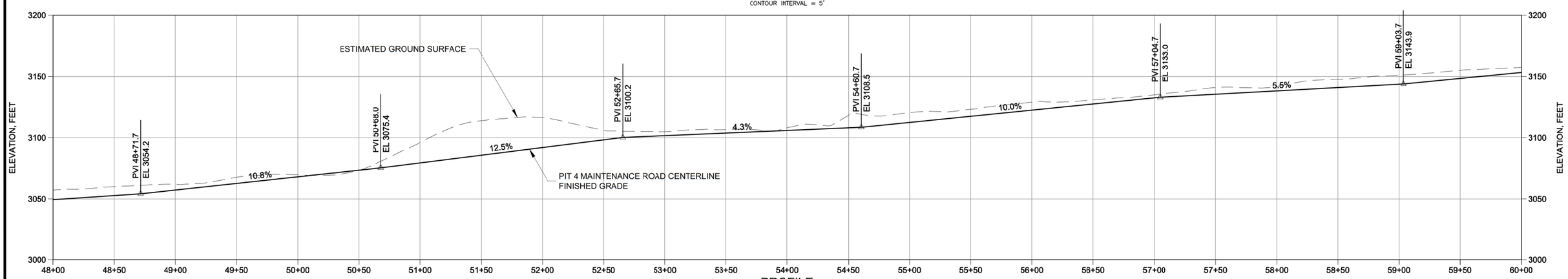
PW:\\AMERVPWNT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\R0-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-60.dwg



PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

DISCLAIMER:
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DRAWING REFERENCE(S):
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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

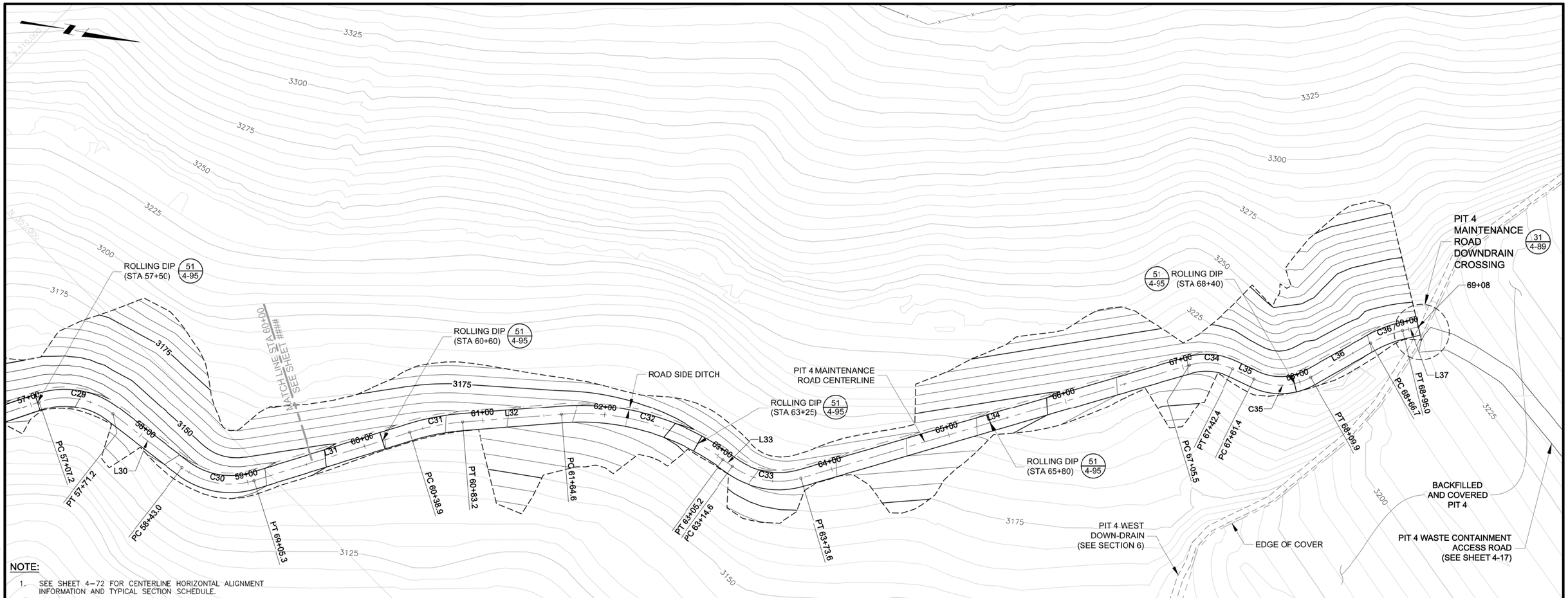
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PIT 4 MAINTENANCE ROAD PLAN AND PROFILE - STATION 48+00 TO 60+00

MWH

SHEET: 4-66
REVISION: 3
FILE NAME: 4-60
DATE: JUNE 2015

PW:\\AMERVPWNT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-60.dwg



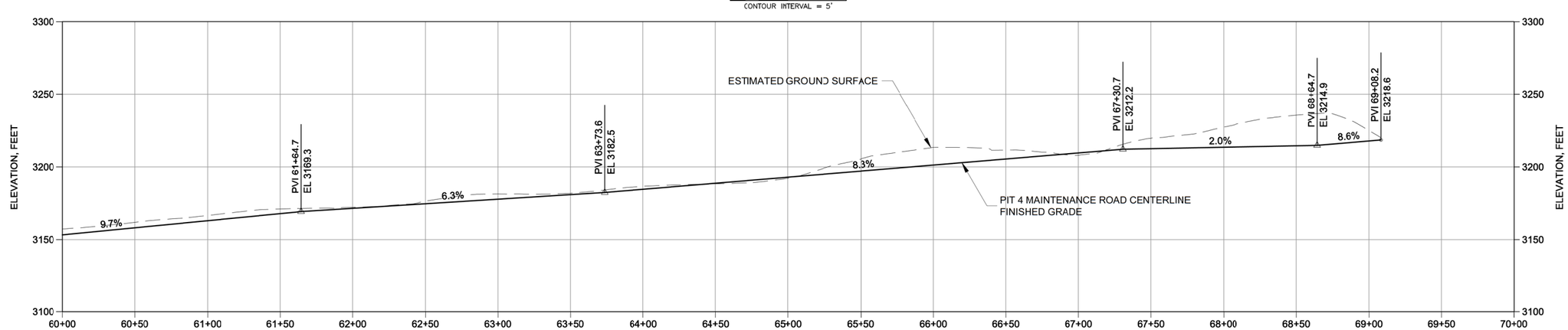
NOTE:

1. SEE SHEET 4–72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATION AND TYPICAL SECTION SCHEDULE.

PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

TITLE: PIT 4 MAINTENANCE ROAD PLAN AND PROFILE - STATION 60+00 TO END

MWH

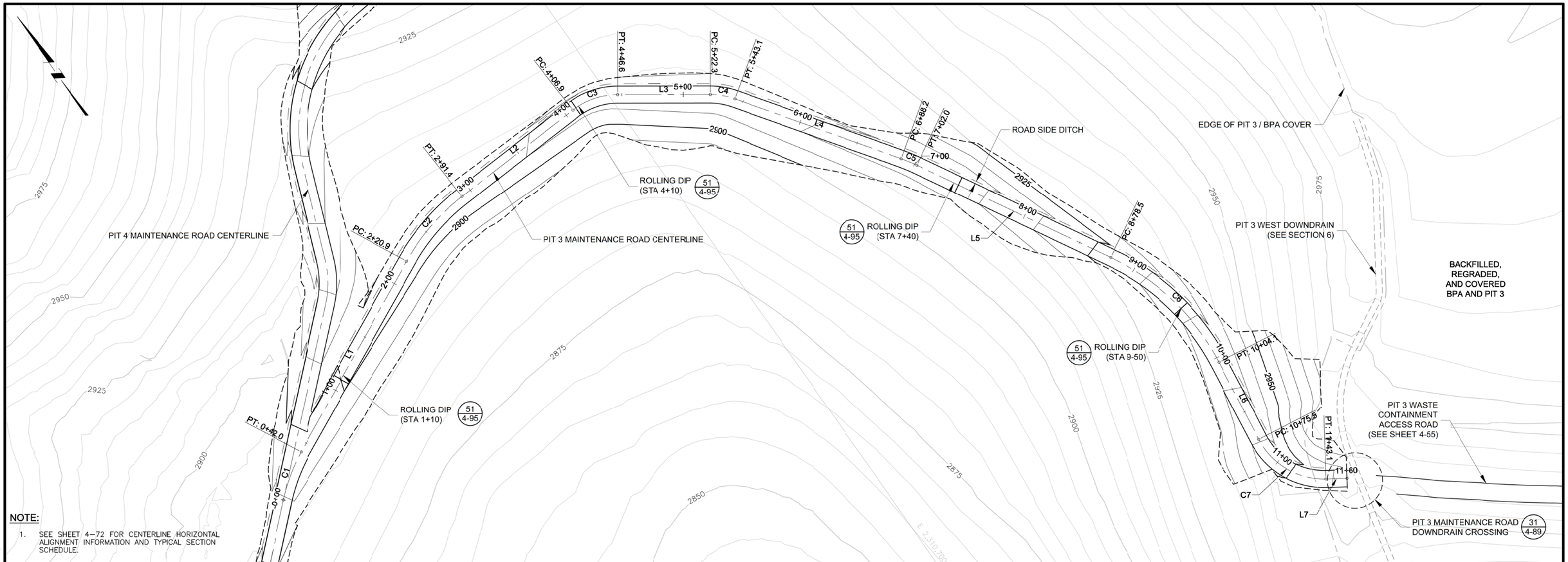
SHEET: 4-67

REVISION: 3

FILE NAME: 4-60

DATE: JUNE 2015

PW: \\AMERVPWINT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-60.dwg



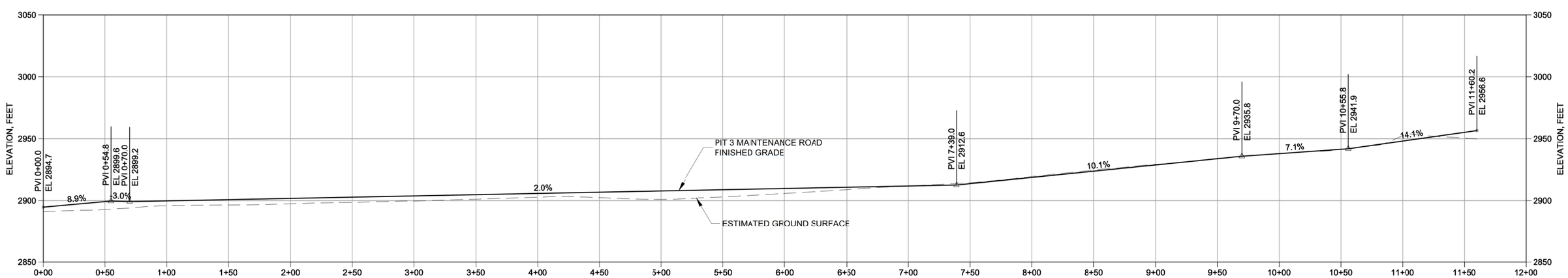
NOTE:

1. SEE SHEET 4–72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATION AND TYPICAL SECTION SCHEDULE.

PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

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DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

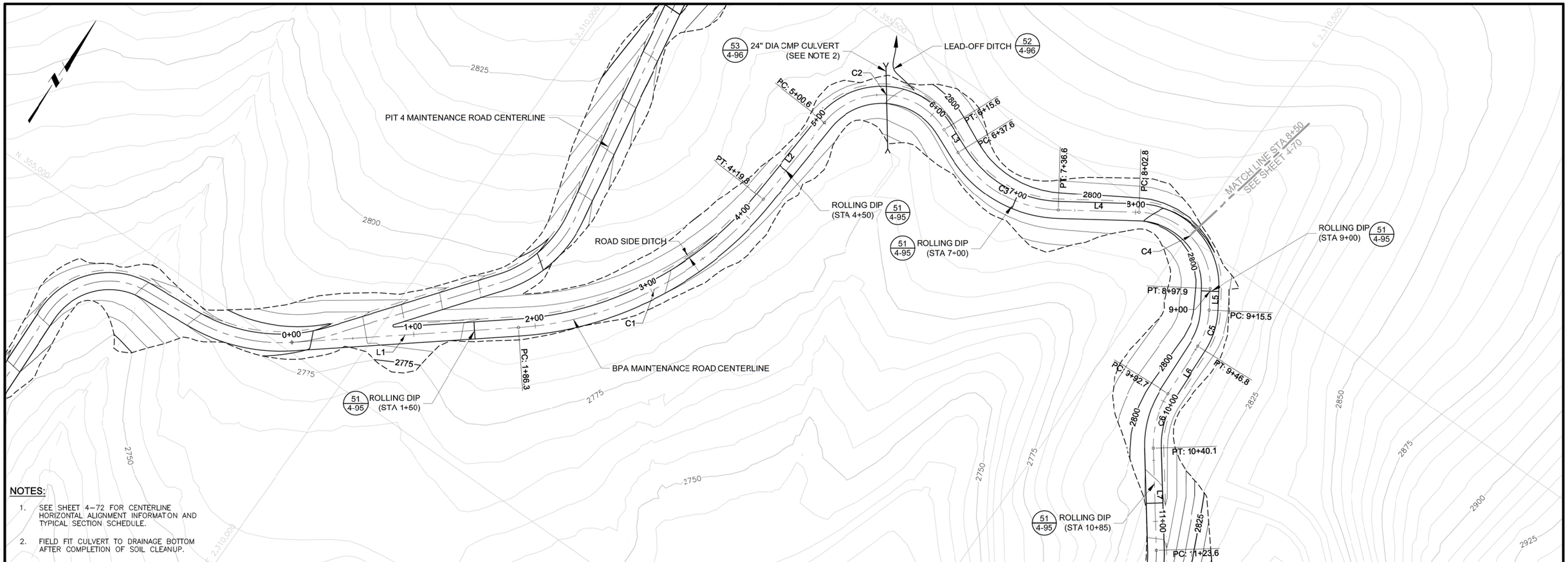
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PIT 3 MAINTENANCE ROAD PLAN AND PROFILE - STATION 0+00 TO END

MWH

SHEET: 4-68
REVISION: 3
FILE NAME: 4-66
DATE: JUNE 2015

PW:\\AMER-PWINT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-66.dwg



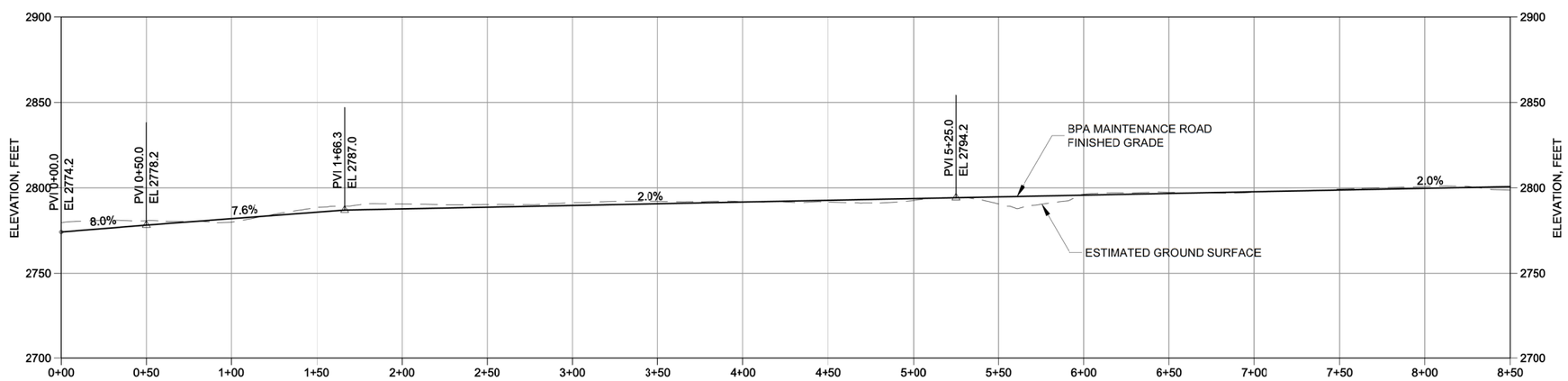
NOTES:

1. SEE SHEET 4–72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATON AND TYPICAL SECTION SCHEDULE.
2. FIELD FIT CULVERT TO DRAINAGE BOTTOM AFTER COMPLETION OF SOIL CLEANUP.

PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
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DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

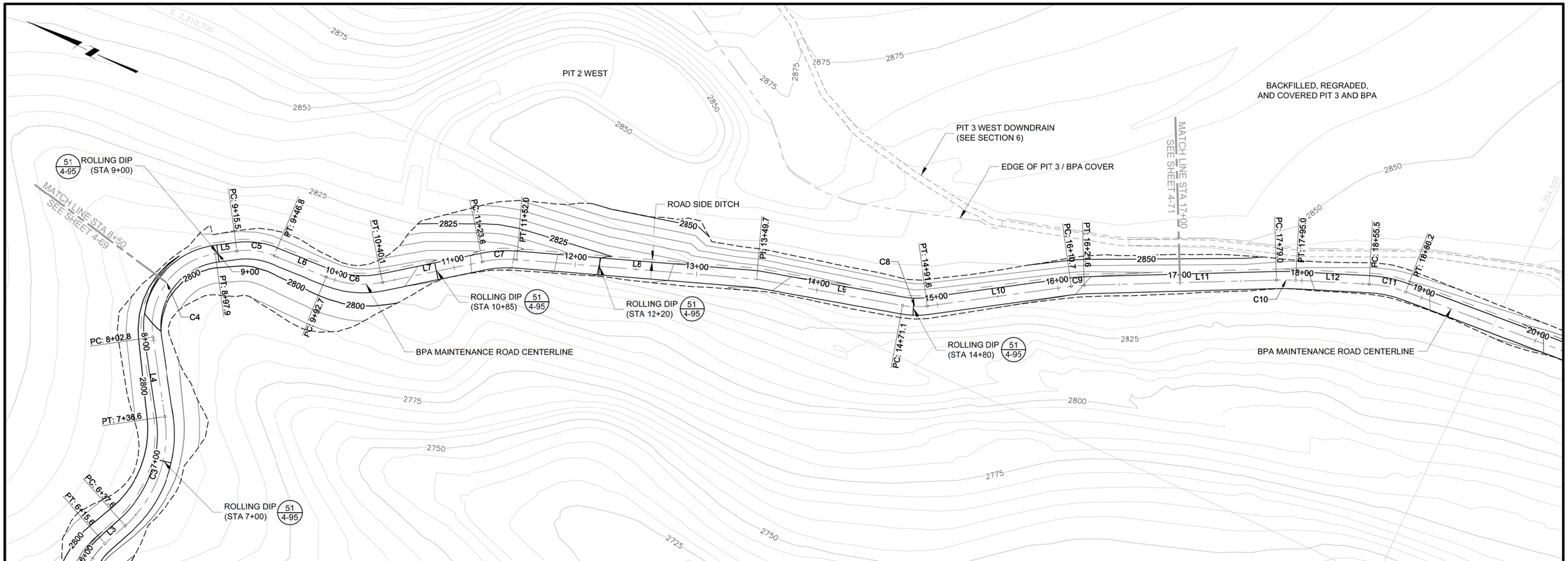
TITLE: BPA MAINTENANCE ROAD PLAN AND PROFILE - STATION 0+00 TO 8+50

MWH

SHEET: 4-69 | REVISION: 3

FILE NAME: 4-67 | DATE: JUNE 2015

PW:\\AMERVPWINTD3.WWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-67.dwg



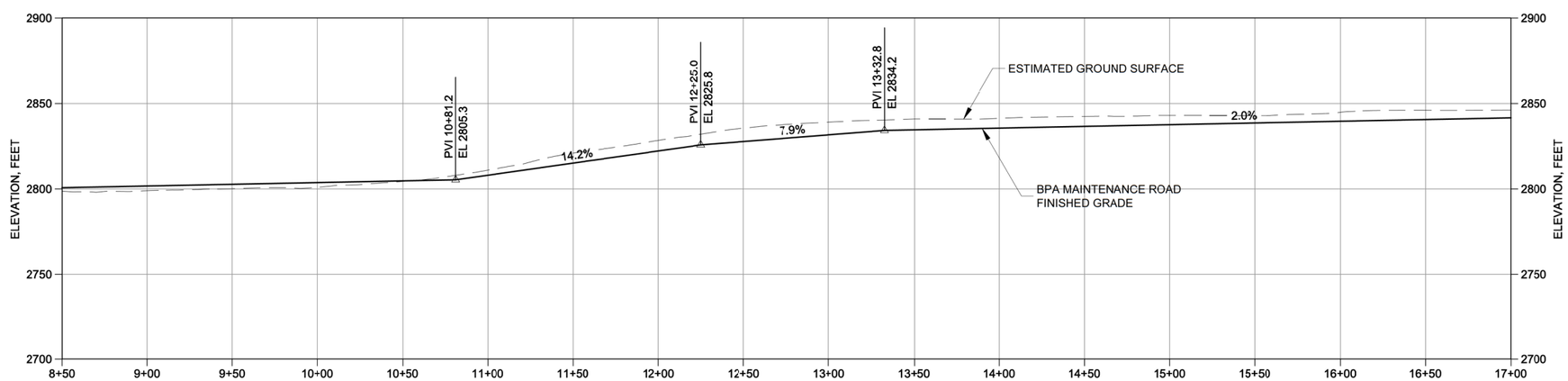
NOTE:

1. SEE SHEET 4-72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATION AND TYPICAL SECTION SCHEDULE.

PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
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DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

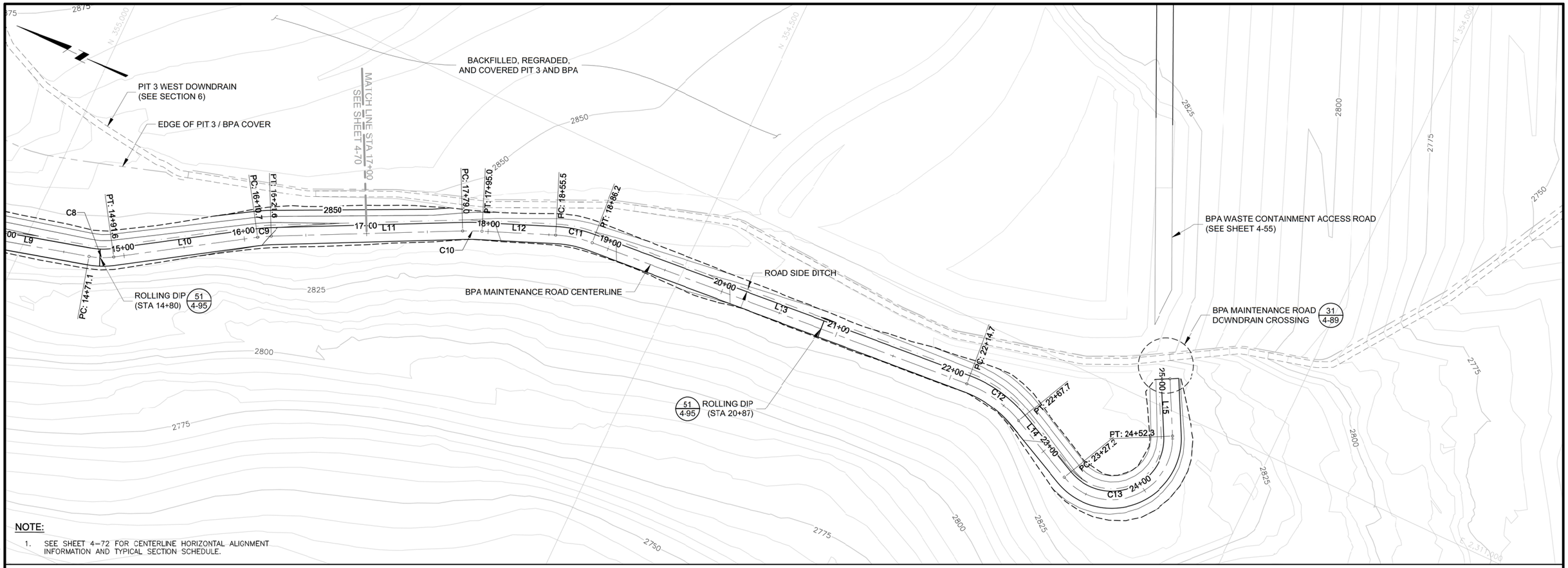
TITLE: BPA MAINTENANCE ROAD PLAN AND PROFILE - STATION 8+50 TO 17+00

MWH

SHEET: 4-70 | REVISION: 3

FILE NAME: 4-67 | DATE: JUNE 2015

P:W:\AMER\PWNT03.WWRGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\90-RA\013-SHEET SET\2015-01-01 BOR\04_MINE EXCAV\4-67.dwg



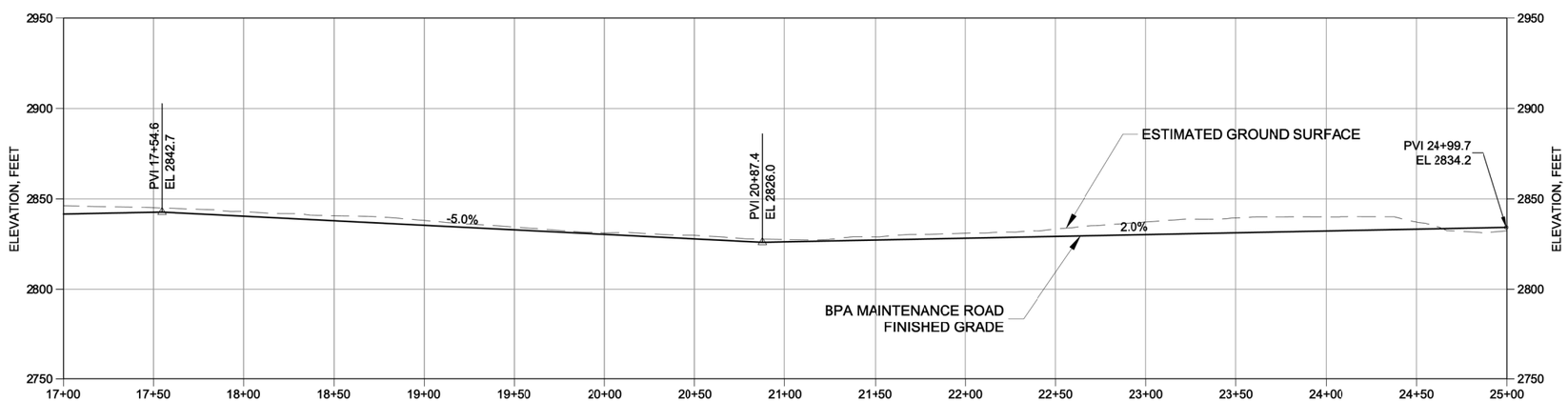
NOTE:

1. SEE SHEET 4–72 FOR CENTERLINE HORIZONTAL ALIGNMENT INFORMATION AND TYPICAL SECTION SCHEDULE.

PLAN

0 40' 80'

CONTOUR INTERVAL = 5'



PROFILE

0 40' 80'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% CESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

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DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

TITLE: BPA MAINTENANCE ROAD PLAN AND PROFILE - STATION 17+00 TO END

MWH

SHEET: 4-71 | REVISION: 3

FILE NAME: 4-67 | DATE: JUNE 2015

PW: \\AMERVPWIN703.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-67.dwg

PIT 4 MAINTENANCE ROAD LINE AND CURVE TABLES

ALIGNMENT LINE TABLE

LINE NO	LENGTH	DIRECTION	STATION (PT)	START NORTHING	START EASTING
L1	93.1'	N 20°54'20" W	0+00.0	353129.3	2310013.4
L2	66.3'	N 09°32'26" W	1+16.9	353239.2	2309973.9
L3	240.7'	N 06°24'55" W	1+89.8	353311.1	2309962.0
L4	123.7'	N 12°23'41" W	4+43.0	353562.6	2309933.1
L5	113.8'	N 01°41'20" W	5+89.1	353705.7	2309903.8
L6	741.8'	N 07°56'37" W	7+16.0	353832.5	2309899.4
L7	211.2'	N 05°50'58" W	14+65.1	354574.4	2309796.0
L8	111.9'	N 01°47'40" W	16+90.5	354798.6	2309773.5
L9	43.1'	N 85°43'29" E	18+95.6	354973.2	2309826.4
L10	145.3'	N 37°46'08" E	20+57.5	355031.1	2309971.0
L11	435.7'	N 09°58'29" W	22+87.6	355226.0	2310079.2
L12	517.7'	N 47°07'24" E	28+20.1	355743.7	2310032.1
L13	78.3'	N 21°36'07" E	33+73.4	356125.1	2310431.4
L14	42.6'	N 83°57'23" E	36+00.5	356283.5	2310572.9
L15	175.7'	N 55°32'35" E	36+82.7	356301.6	2310652.1
L16	69.5'	N 61°56'10" W	39+91.7	356511.9	2310790.8
L17	117.8'	N 79°26'48" W	40+81.0	356551.2	2310710.8
L18	40.6'	N 44°06'47" W	43+22.1	356630.1	2310488.1
L19	46.0'	S 52°57'46" W	44+56.8	356665.9	2310374.0
L20	96.6'	S 57°44'09" W	45+59.3	356606.1	2310290.8
L21	37.7'	N 86°01'45" W	46+97.0	356544.6	2310169.9
L22	0.5'	S 37°17'36" W	47+84.1	356527.6	2310089.1
L23	48.5'	N 85°32'40" W	48+34.6	356507.6	2310045.1
L24	84.7'	S 65°18'15" W	49+16.1	356505.7	2309964.6
L25	41.9'	N 50°42'56" E	51+45.1	356554.4	2309835.1
L26	68.6'	N 81°32'24" E	52+22.0	356595.0	2309859.1
L27	7.1'	N 12°55'33" E	53+50.5	356643.3	2310008.4
L28	15.8'	N 88°20'32" E	54+23.5	356689.1	2310057.3
L29	213.8'	N 26°17'33" E	54+93.5	356717.3	2310116.5
L30	71.8'	N 82°41'25" E	57+71.2	356944.7	2310261.2
L31	133.6'	N 27°47'19" E	59+05.3	356988.0	2310381.7
L32	81.4'	N 40°29'48" E	60+83.2	357142.8	2310468.8
L33	9.4'	N 80°46'36" E	63+05.2	357272.2	2310641.7
L34	331.9'	N 28°44'46" E	63+73.6	357306.6	2310697.5
L35	19.0'	N 71°00'14" E	67+42.4	357620.9	2310884.7
L36	56.8'	N 15°27'24" E	68+09.9	357661.0	2310934.5
L37	13.2'	N 31°41'57" E	68+95.0	357741.6	2310961.0

ALIGNMENT CURVE TABLE

CURVE NO	RADIUS	LENGTH	DELTA	CHORD DIRECTION	STATION (PC)
C1	120.0	23.8	11°21'54"	N 15°13'23" W	0+93.1
C2	120.0	6.5	3°07'31"	N 07°58'41" W	1+83.3
C3	120.0	12.5	5°58'46"	N 09°24'18" W	4+30.5
C4	120.0	22.4	10°42'21"	N 07°02'31" W	5+66.7
C5	120.0	13.1	6°15'17"	N 04°48'59" W	7+02.9
C6	200.0	7.3	2°05'39"	N 06°53'48" W	14+57.8
C7	200.0	14.2	4°03'18"	N 03°49'19" W	16+76.3
C8	61.0	93.2	87°31'08"	N 41°57'54" E	18+02.4
C9	142.0	118.9	47°57'21"	N 61°44'48" E	19+38.6
C10	100.0	84.9	48°37'31"	N 13°27'22" E	22+02.8
C11	100.0	96.8	55°27'53"	N 17°45'28" E	27+23.3
C12	80.0	35.6	25°31'17"	N 34°21'46" E	33+37.8
C13	136.7	148.8	62°21'16"	N 52°46'45" E	34+51.7
C14	80.0	39.7	28°24'48"	N 69°44'59" E	36+43.1
C15	65.0	133.3	117°28'13"	N 03°12'03" W	38+58.4
C16	65.0	19.9	17°30'38"	N 70°41'29" W	40+61.1
C17	200.0	123.3	35°20'02"	N 61°46'47" W	41+98.8
C18	65.0	94.1	82°55'28"	N 85°34'30" W	43+62.7
C19	678.9	56.6	4°46'24"	S 55°20'57" W	45+02.7
C20	65.0	41.1	36°14'05"	S 75°51'12" W	46+55.9
C21	50.0	49.5	56°40'38"	S 65°37'56" W	47+34.7
C22	50.0	49.9	57°09'44"	S 65°52'28" W	47+84.7
C23	65.0	33.1	29°09'05"	S 79°52'48" W	48+83.0
C24	50.0	144.3	165°24'40"	N 31°59'24" W	50+00.7
C25	65.0	35.0	30°49'28"	N 66°07'40" E	51+87.0
C26	50.0	59.9	68°36'51"	N 47°13'58" E	52+90.6
C27	50.0	65.8	75°24'59"	N 50°38'03" E	53+57.6
C28	50.0	54.1	62°02'59"	N 57°19'03" E	54+39.3
C29	65.0	64.0	56°23'51"	N 54°29'29" E	57+07.2
C30	65.0	62.3	54°54'06"	N 55°14'22" E	58+43.0
C31	200.0	44.4	12°42'29"	N 34°08'34" E	60+38.9
C32	200.0	140.6	40°16'48"	N 60°38'12" E	61+64.6
C33	65.0	59.0	52°01'50"	N 54°45'41" E	63+14.6
C34	50.0	36.9	42°15'29"	N 49°52'30" E	67+05.5
C35	50.0	48.5	55°32'50"	N 43°13'49" E	67+61.4
C36	100.0	28.3	16°14'33"	N 23°34'40" E	68+66.7

PIT 4 MAINTENANCE ROAD TYPICAL SECTION AND DETAIL SCHEDULE

BEGINNING STATION	ENDING STATION	TYPICAL SECTION/TRANSITION	DRAWING NO.
0+00	50+60	TYPICAL SECTION 1	4–95
50+60	52+75	TYPICAL SECTION 2	4–95
52+75	END	TYPICAL SECTION 1	4–95

BPA MAINTENANCE ROAD LINE AND CURVE TABLES

ALIGNMENT LINE TABLE

LINE NO	LENGTH	DIRECTION	STATION (PT)	START NORTHING	START EASTING
L1	186.3'	N 51°15'57" E	0+00.0	355007.3	2309947.6
L2	80.8'	N 03°29'40" E	4+19.8	355325.2	2310197.3
L3	22.1'	S 66°40'27" E	6+15.6	355457.3	2310285.8
L4	66.3'	N 56°38'35" E	7+36.6	355456.8	2310400.7
L5	17.7'	S 32°36'35" E	8+97.9	355475.5	2310539.6
L6	45.9'	S 02°43'59" E	9+46.8	355431.1	2310558.5
L7	83.5'	S 36°39'09" E	10+40.1	355341.3	2310576.4
L8	197.6'	S 20°20'30" E	11+52.0	355249.4	2310639.8
L9	121.5'	S 14°45'31" E	13+49.7	355064.1	2310708.4
L10	119.1'	S 32°47'47" E	14+91.6	354928.0	2310747.6
L11	157.4'	S 26°33'28" E	16+21.6	354818.4	2310817.5
L12	60.6'	S 21°59'07" E	17+95.0	354663.1	2310894.5
L13	328.5'	S 04°23'49" E	18+86.2	354577.2	2310924.1
L14	59.6'	S 25°56'17" W	22+67.7	354198.2	2310939.5
L15	47.4'	N 62°35'14" E	24+52.3	354078.4	2310981.4

ALIGNMENT CURVE TABLE

CURVE NO	RADIUS	LENGTH	DELTA	CHORD DIRECTION	STATION (PC)
C1	280.0	233.5	47°46'17"	N 27°22'49" E	1+86.3
C2	60.0	115.0	109°49'53"	N 58°24'37" E	5+00.6
C3	100.0	98.9	56°40'58"	N 84°59'04" E	6+37.6
C4	60.0	95.0	90°44'50"	S 77°59'00" E	8+02.8
C5	60.0	31.3	29°52'36"	S 17°40'17" E	9+15.5
C6	80.0	47.4	33°55'10"	S 19°41'34" E	9+92.7
C7	100.0	28.5	16°18'39"	S 28°29'50" E	11+23.6
C8	65.0	20.5	18°02'16"	S 23°46'39" E	14+71.1
C9	100.0	10.9	6°14'18"	S 29°40'38" E	16+10.7
C10	200.0	16.0	4°34'22"	S 24°16'18" E	17+79.0
C11	100.0	30.7	17°35'18"	S 13°11'28" E	18+55.5
C12	100.0	52.9	30°20'06"	S 10°46'14" W	22+14.7
C13	50.0	125.1	143°21'04"	S 45°44'14" E	23+27.2

BPA MAINTENANCE ROAD TYPICAL SECTION AND DETAIL SCHEDULE

BEGINNING STATION	ENDING STATION	TYPICAL SECTION/TRANSITION	DRAWING NO.
0+00	1+30	TYPICAL SECTION 3	4–95
1+30	13+10	TYPICAL SECTION 1	4–95
13+10	END	TYPICAL SECTION 3	4–95

PIT 3 MAINTENANCE ROAD LINE AND CURVE TABLES

ALIGNMENT LINE TABLE

LINE NO	LENGTH	DIRECTION	STATION (PT)	START NORTHING	START EASTING
L1	178.9'	N 63°55'14" E	0+42.0	356007.7	2310325.0
L2	115.5'	N 87°01'30" E	2+91.4	356103.9	2310553.6
L3	75.7'	S 55°04'06" E	4+46.6	356099.2	2310706.3
L4	145.0'	S 35°11'30" E	5+43.1	356041.2	2310783.1
L5	176.4'	S 29°30'45" E	7+02.0	355911.0	2310874.1
L6	71.4'	S 07°46'16" W	10+04.1	355636.3	2310984.3
L7	17.1'	S 56°47'40" E	11+43.1	355507.2	2311001.2

ALIGNMENT CURVE TABLE

CURVE NO	RADIUS	LENGTH	DELTA	CHORD DIRECTION	STATION (PC)
C1	150.0	42.0	16°02'45"	N 55°08'47" E	0+00.0
C2	175.0	70.6	23°06'17"	N 75°28'22" E	2+20.9
C3	60.0	39.7	37°54'24"	S 74°01'18" E	4+06.9
C4	60.0	20.8	19°52'36"	S 45°07'48" E	5+22.3
C5	140.0	13.9	5°40'45"	S 32°21'07" E	6+88.2
C6	193.0	125.6	37°17'01"	S 10°52'15" E	8+78.5
C7	60.0	67.6	64°33'56"	S 24°30'42" E	10+75.5

PIT 3 MAINTENANCE ROAD TYPICAL SECTION AND DETAIL SCHEDULE

BEGINNING STATION	ENDING STATION	TYPICAL SECTION/TRANSITION	DRAWING NO.
0+00	END	TYPICAL SECTION 1	4–95

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

DISCLAIMER:
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DRAWING REFERENCE(S):
- ALL COORDINATES ARE PROVIDED IN FEET, USING WASHINGTON STATE–PLANE NORTH NAD83/NAVD88 DATUM.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	K REED II	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: PERMANENT MAINTENANCE ROADS LINE AND CURVE TABLES

MWH

SHEET 4-72 | REVISION 3
FILE NAME 4-60 | DATE JUNE 2015

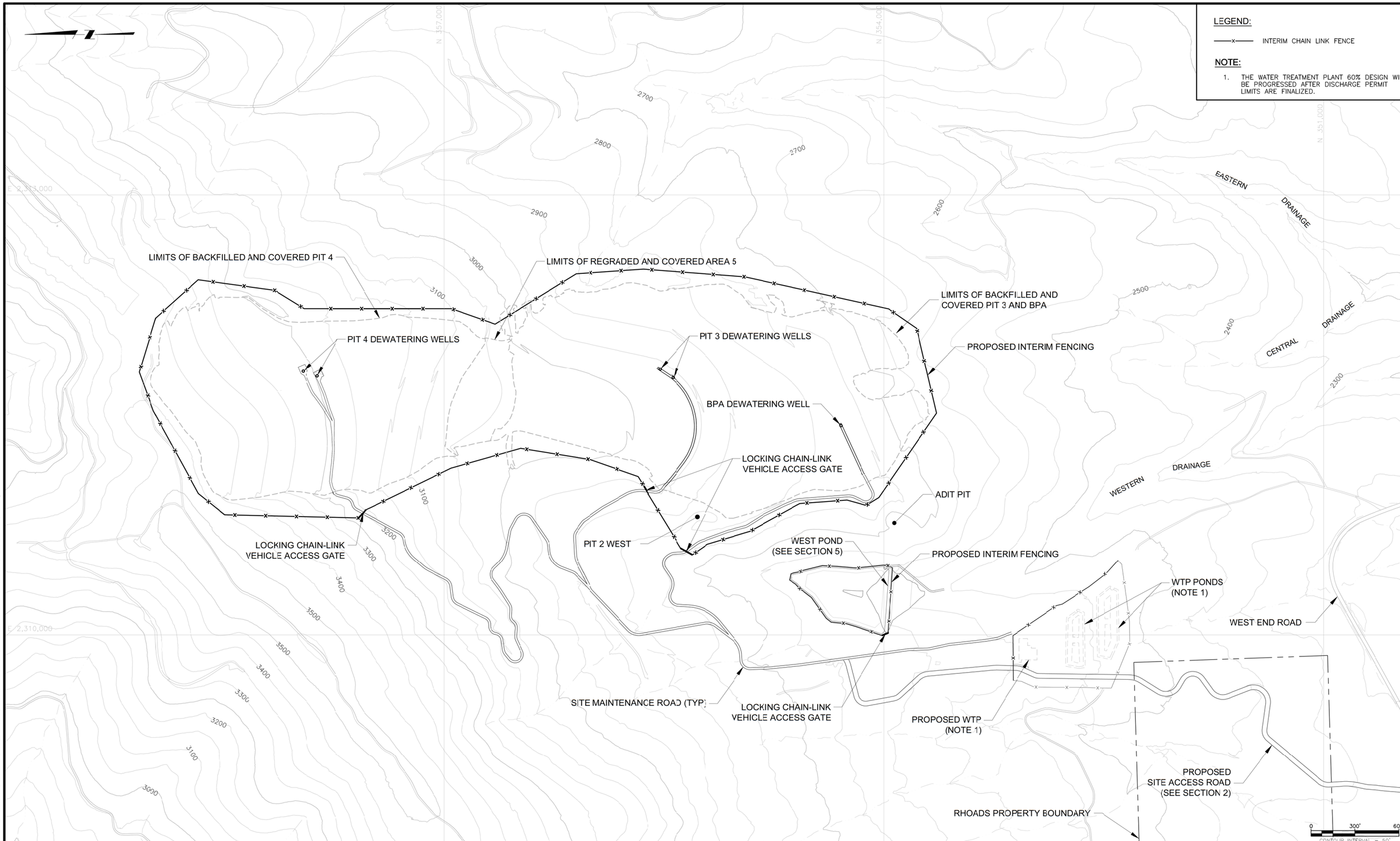
PW:\\AMENVPWINTO3.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-60.dwg

LEGEND:

—x— INTERIM CHAIN LINK FENCE

NOTE:

1. THE WATER TREATMENT PLANT 60% DESIGN WILL BE PROGRESSED AFTER DISCHARGE PERMIT LIMITS ARE FINALIZED.



ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06–15
2	ISSUED FOR 90% DESIGN	KR	SM	07–14

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DRAWING REFERENCE(S):
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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06–15
DRAWN BY	C ESPOSITO	06–15
CHECKED BY	T KELLEY	06–15
APPROVED BY	C STRACHAN	06–15
PROJECT MANAGER	V DRAIN	06–15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON

PROJECT: MIDNITE MINE

TITLE: END OF PHASE 3 - INTERIM FENCING PLAN

MWH

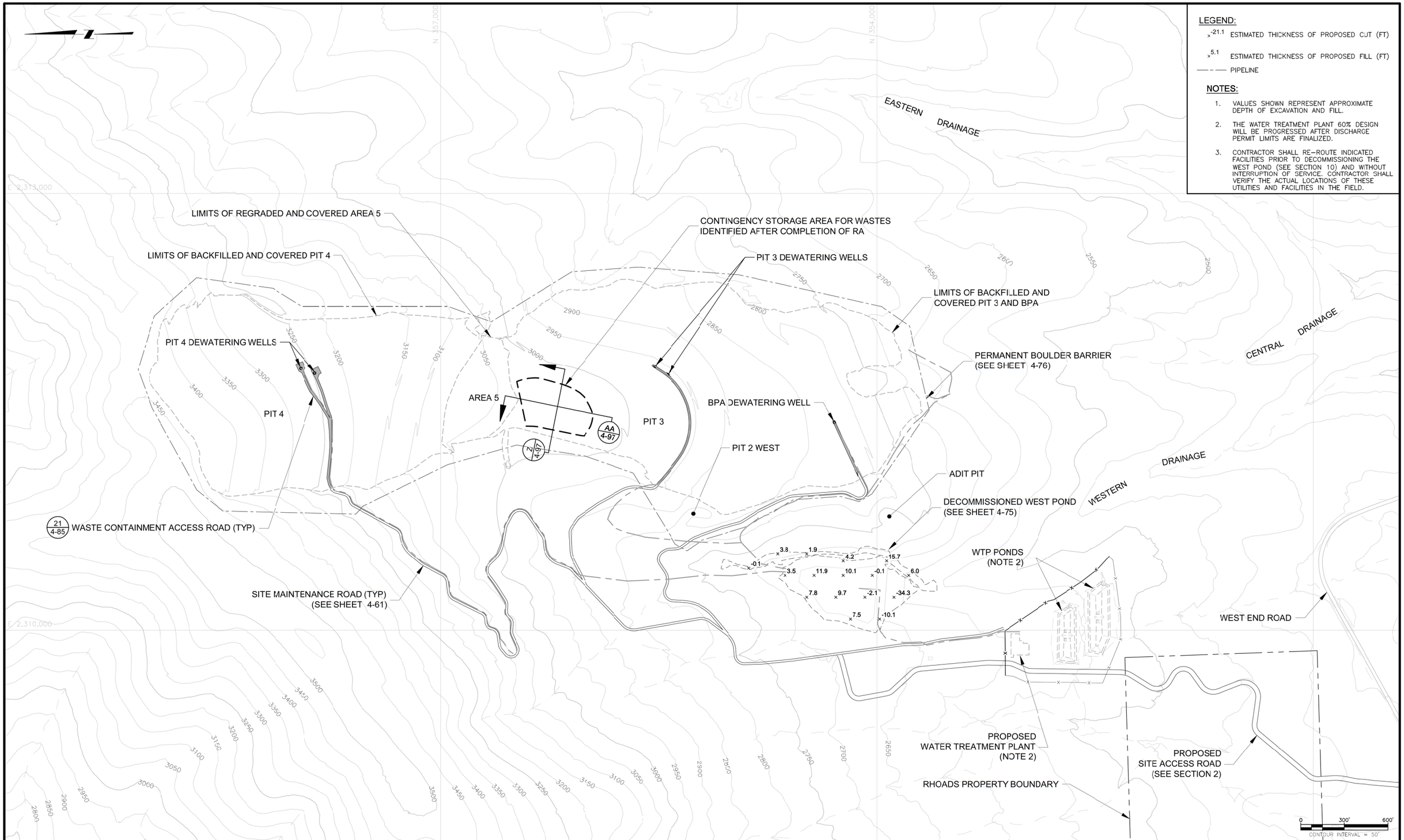
SHEET: 4-73

REVISION: 3

FILE NAME: 4-71

DATE: JUNE 2015

PW: \\AMER\PWINT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-71.dwg



ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06-15
2	ISSUED FOR 90% DESIGN	KR	SM	07-14
1	ISSUED FOR 60% DESIGN	DM	SM	12-13
0	ISSUED FOR 30% DESIGN	DM	SM	11-12

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- PREMINE TOPOGRAPHY AND PIT EXCAVATION TOPOGRAPHY BASED UPON INFORMATION PREPARED BY USBM JULY 1995 AND PROVIDED BY DAWN MINING COMPANY, LLC. ORIGINAL COORDINATE SYSTEM USED IN USBM MAPPING (NAD27/NGVD29) HAS BEEN CONVERTED TO WASHINGTON STATE PLANE-NORTH, NAD83/NAVD88 COORDINATES.
- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06-15
DRAWN BY	K REED	06-15
CHECKED BY	T KELLEY	06-15
APPROVED BY	C STRACHAN	06-15
PROJECT MANAGER	V DRAIN	06-15

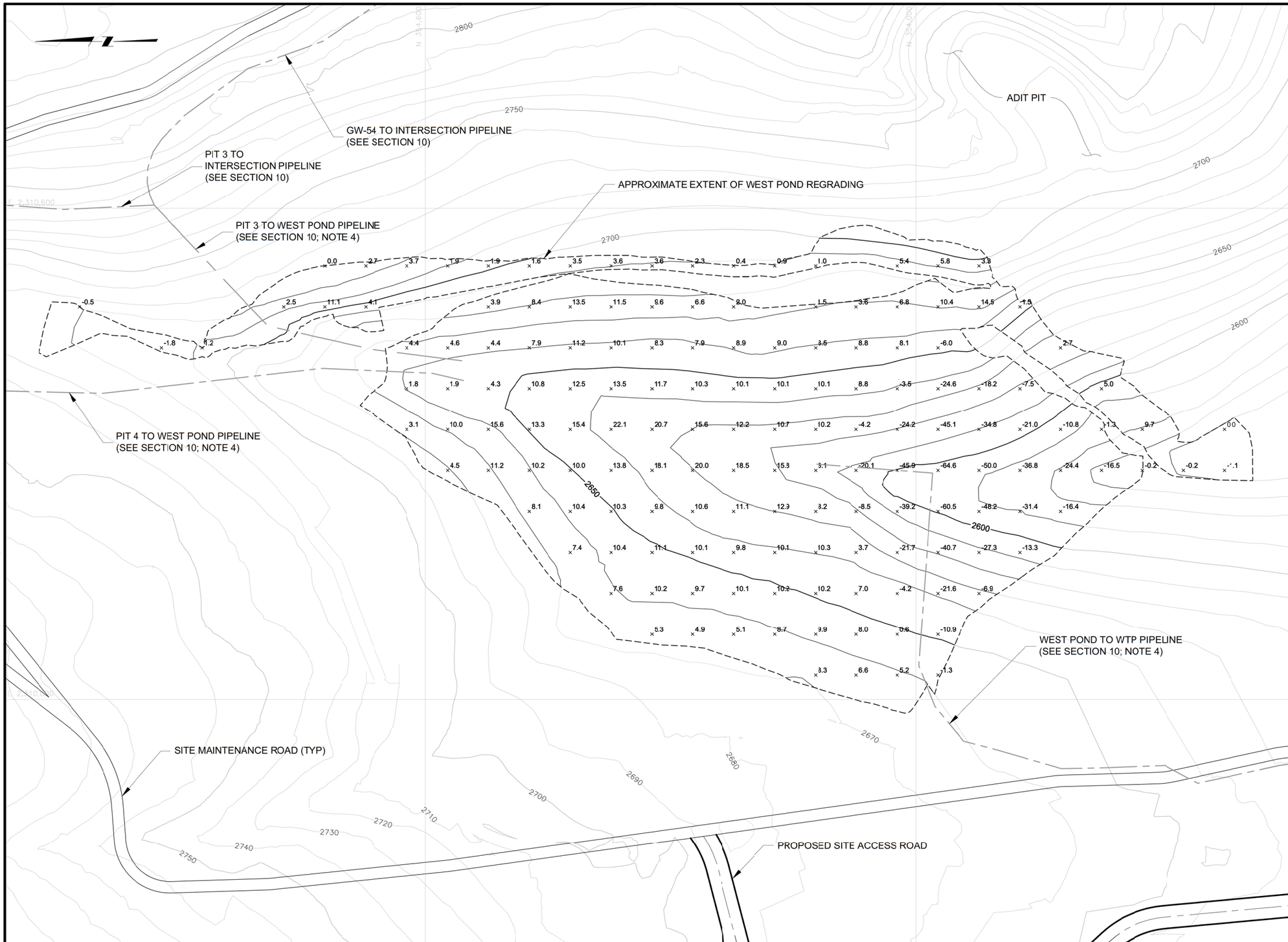
NEWMONT

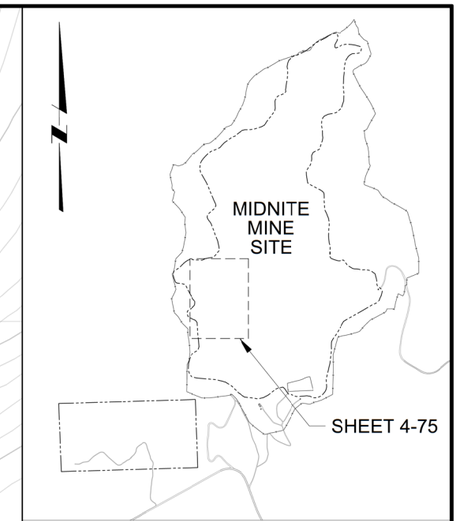
PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: FINAL REMEDIATION GRADING PLAN

MWH

SHEET: 4-74
REVISION: 3
FILE NAME: 4-72
DATE: JUNE 2015

PW:\\AMERVPWINTO3.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-72.dwg





KEY MAP
NOT TO SCALE

LEGEND:

PIPELINE

NOTES:

1. VALUES SHOWN REPRESENT APPROXIMATE DEPTHS OF EXCAVATION AND FILL. GROUND SURFACE SHALL BE REGRADED TO CONFORM TO NATIVE SLOPES AND REVEGETATED.
2. REMOVE/REGRADE WEST POND, WEST POND SPILLWAY, AND WEST POND DIVERSION CHANNEL.
3. REMOVE WEST POND INTERIM FENCING.
4. CONTRACTOR SHALL RE-ROUTE INDICATED FACILITIES PRIOR TO DECOMMISSIONING THE WEST POND (SEE SECTION 10) AND WITHOUT INTERRUPTION OF SERVICE. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS OF THESE UTILITIES AND FACILITIES IN THE FIELD.

0 60' 120'
CONTOUR INTERVAL = 10'

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% DESIGN	KR	SM	06-15
2	ISSUED FOR 90% DESIGN	KR	SM	07-14
1	ISSUED FOR 60% DESIGN	DM	SM	12-13

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- EXISTING CONTOURS REPRESENT EXISTING GROUND SURFACE AT THE END OF PHASE 3.

DESIGNED BY	S MCMANUS	06-15
DRAWN BY	K REED	06-15
CHECKED BY	T KELLEY	06-15
APPROVED BY	C STRACHAN	06-15
PROJECT MANAGER	V DRAIN	06-15

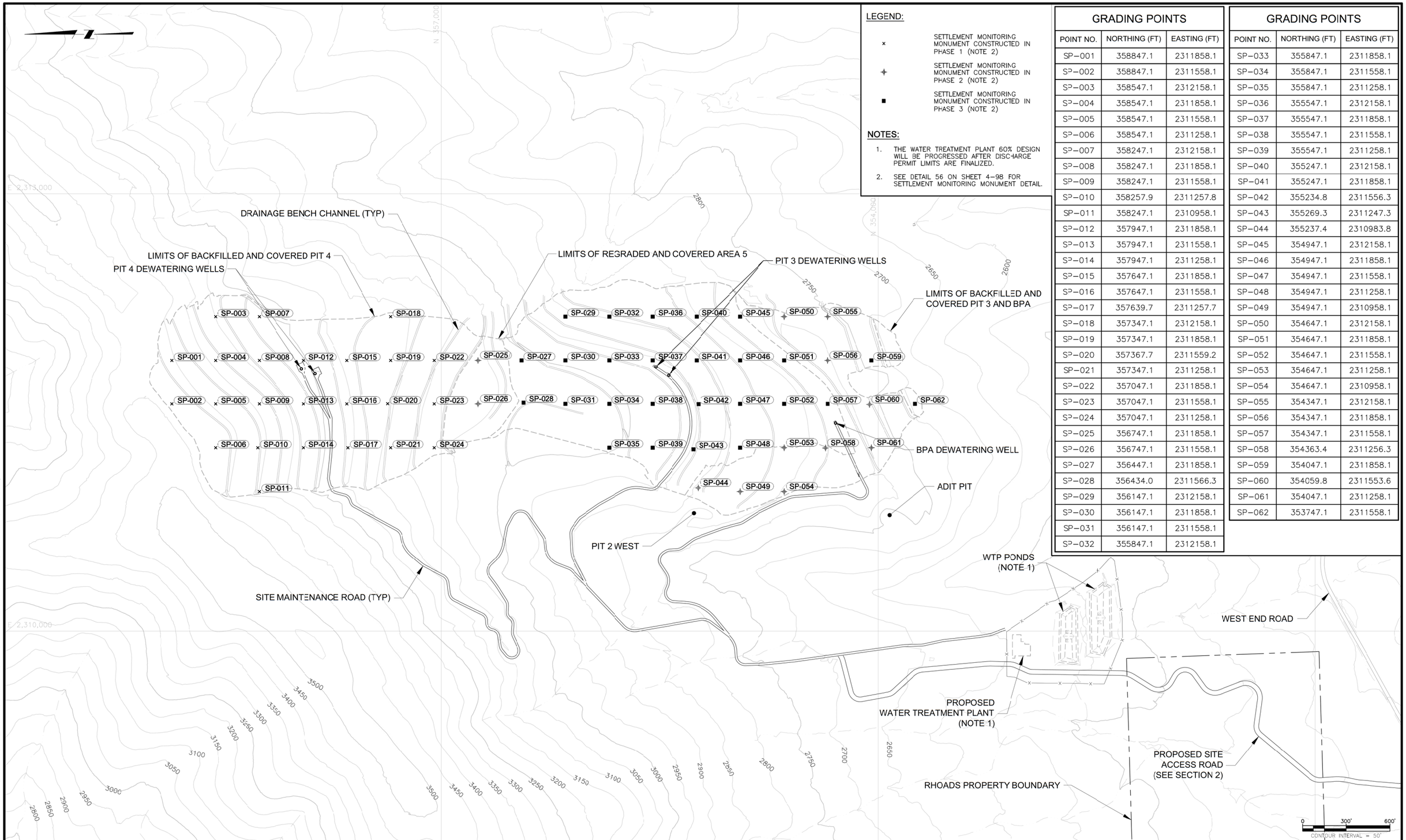
NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: FINAL REMEDIATION - WEST POND REGRADING PLAN

MWH

SHEET 4-75
REVISION 3
FILE NAME 4-73
DATE JUNE 2015

PW:\\AMERVPWNT03.WWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BOOR\04_MINE EXCAV\4-73.dwg



LEGEND:

- × SETTLEMENT MONITORING MONUMENT CONSTRUCTED IN PHASE 1 (NOTE 2)
- ✚ SETTLEMENT MONITORING MONUMENT CONSTRUCTED IN PHASE 2 (NOTE 2)
- ■ SETTLEMENT MONITORING MONUMENT CONSTRUCTED IN PHASE 3 (NOTE 2)

NOTES:

1. THE WATER TREATMENT PLANT 60% DESIGN WILL BE PROGRESSED AFTER DISCHARGE PERMIT LIMITS ARE FINALIZED.
2. SEE DETAIL 56 ON SHEET 4-98 FOR SETTLEMENT MONITORING MONUMENT DETAIL.

GRADING POINTS

POINT NO.	NORTHING (FT)	EASTING (FT)
SP-001	358847.1	2311858.1
SP-002	358847.1	2311558.1
SP-003	358547.1	2312158.1
SP-004	358547.1	2311858.1
SP-005	358547.1	2311558.1
SP-006	358547.1	2311258.1
SP-007	358247.1	2312158.1
SP-008	358247.1	2311858.1
SP-009	358247.1	2311558.1
SP-010	358257.9	2311257.8
SP-011	358247.1	2310958.1
SP-012	357947.1	2311858.1
SP-013	357947.1	2311558.1
SP-014	357947.1	2311258.1
SP-015	357647.1	2311858.1
SP-016	357647.1	2311558.1
SP-017	357639.7	2311257.7
SP-018	357347.1	2312158.1
SP-019	357347.1	2311858.1
SP-020	357367.7	2311559.2
SP-021	357347.1	2311258.1
SP-022	357047.1	2311858.1
SP-023	357047.1	2311558.1
SP-024	357047.1	2311258.1
SP-025	356747.1	2311858.1
SP-026	356747.1	2311558.1
SP-027	356447.1	2311858.1
SP-028	356434.0	2311566.3
SP-029	356147.1	2312158.1
SP-030	356147.1	2311858.1
SP-031	356147.1	2311558.1
SP-032	355847.1	2312158.1

GRADING POINTS

POINT NO.	NORTHING (FT)	EASTING (FT)
SP-033	355847.1	2311858.1
SP-034	355847.1	2311558.1
SP-035	355847.1	2311258.1
SP-036	355547.1	2312158.1
SP-037	355547.1	2311858.1
SP-038	355547.1	2311558.1
SP-039	355547.1	2311258.1
SP-040	355247.1	2312158.1
SP-041	355247.1	2311858.1
SP-042	355234.8	2311556.3
SP-043	355269.3	2311247.3
SP-044	355237.4	2310983.8
SP-045	354947.1	2312158.1
SP-046	354947.1	2311858.1
SP-047	354947.1	2311558.1
SP-048	354947.1	2311258.1
SP-049	354947.1	2310958.1
SP-050	354647.1	2312158.1
SP-051	354647.1	2311858.1
SP-052	354647.1	2311558.1
SP-053	354647.1	2311258.1
SP-054	354647.1	2310958.1
SP-055	354347.1	2312158.1
SP-056	354347.1	2311858.1
SP-057	354347.1	2311558.1
SP-058	354363.4	2311256.3
SP-059	354047.1	2311858.1
SP-060	354059.8	2311553.6
SP-061	354047.1	2311258.1
SP-062	353747.1	2311558.1

REV	DESCRIPTION	TECH	ENG	DATE
3	ISSUED FOR 100% CESIGN	KR	SM	06-15

ISSUE

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DRAWING REFERENCE(S):
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- EXISTING CONTOURS REPRESENT APPROXIMATE GROUND SURFACE AT THE END OF REMEDIATION.
- ALL COORDINATES ARE PROVIDED IN FEET, USING WASHINGTON STATE-PLANE NORTH NAD83/NAVD88 DATUM.

DESIGNED BY	S MCMANUS	06-15
DRAWN BY	C ESPOSITO	06-15
CHECKED BY	T KELLEY	06-15
APPROVED BY	C STRACHAN	06-15
PROJECT MANAGER	V DRAIN	06-15

NEWMONT

PROJECT LOCATION: WELLPINIT, WASHINGTON
PROJECT: MIDNITE MINE
TITLE: WCA SETTLEMENT MONITORING POINTS PLAN

MWH

SHEET: 4-76
REVISION: 3
FILE NAME: 4-74_NEW
DATE: JUNE 2015

PW: \\AMER\PWINT03.MWHGLOBAL.COM:AM_PROJECTS03\DOCUMENTS\FTC2_NEWMONT\MIDNIGHT MINE\RD-RA\013-SHEET SET\2015-01-01 BODR\04_MINE EXCAV\4-74_NEW.dwg