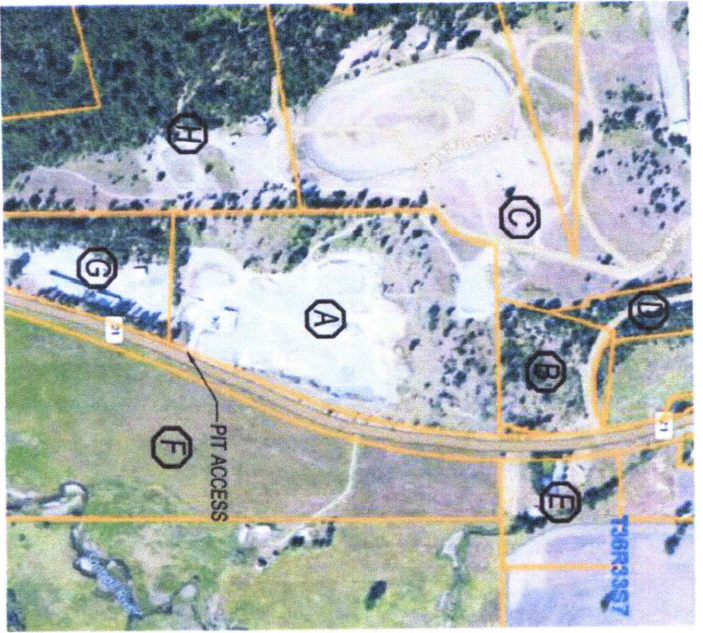
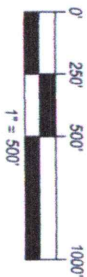


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- OWNERSHIP INFORMATION:**
- A. PARCEL # 33807310001000, HERBERT COLT & KATHLEENA SMITH, PO BOX 395, EPHRATA, WA 98823
 - B. PARCEL # 33807900006000, HERBERT COLT & KATHLEENA SMITH, PO BOX 395, EPHRATA, WA 98823
 - C. PARCEL # 33807900015000, FERRY COUNTY, 290 E. TESSIE AVE, REPUBLIC, WA 99166
 - D. PARCEL # 33807240005000, US BUREAU OF LAND MANAGEMENT, DEPARTMENT OF THE INTERIOR, 103 N. FANCHER, SPOKANE, WA, 99212
 - E. PARCEL # 33807240004000, WAYNE D. EGNER, PO BOX 993, REPUBLIC, WA 99166-0993
 - F. PARCEL # 33807310002000, HECLA LIMITED, 6500 MINERAL DR., SUITE 200, COUER DALENE, ID 83815-9408
 - G. PARCEL # 33807310005000, WA STATE DEPT. OF HIGHWAYS, OFFICE OF DIST. ENG., N. 2714 MAYFAIR, SPOKANE, WA 99207-2090.
 - H. PARCEL # 33807330001000, FERRY CO PARKS & REC., 350 E. DELAWARE #8, REPUBLIC, WA 99166

- NOTES:**
1. PARCEL INFORMATION & AERIAL IMAGE WAS OBTAINED FROM FERRY COUNTY ASSESSOR AT WEB ADDRESS WWW.FERRYWA.TAXSIFTER.COM.



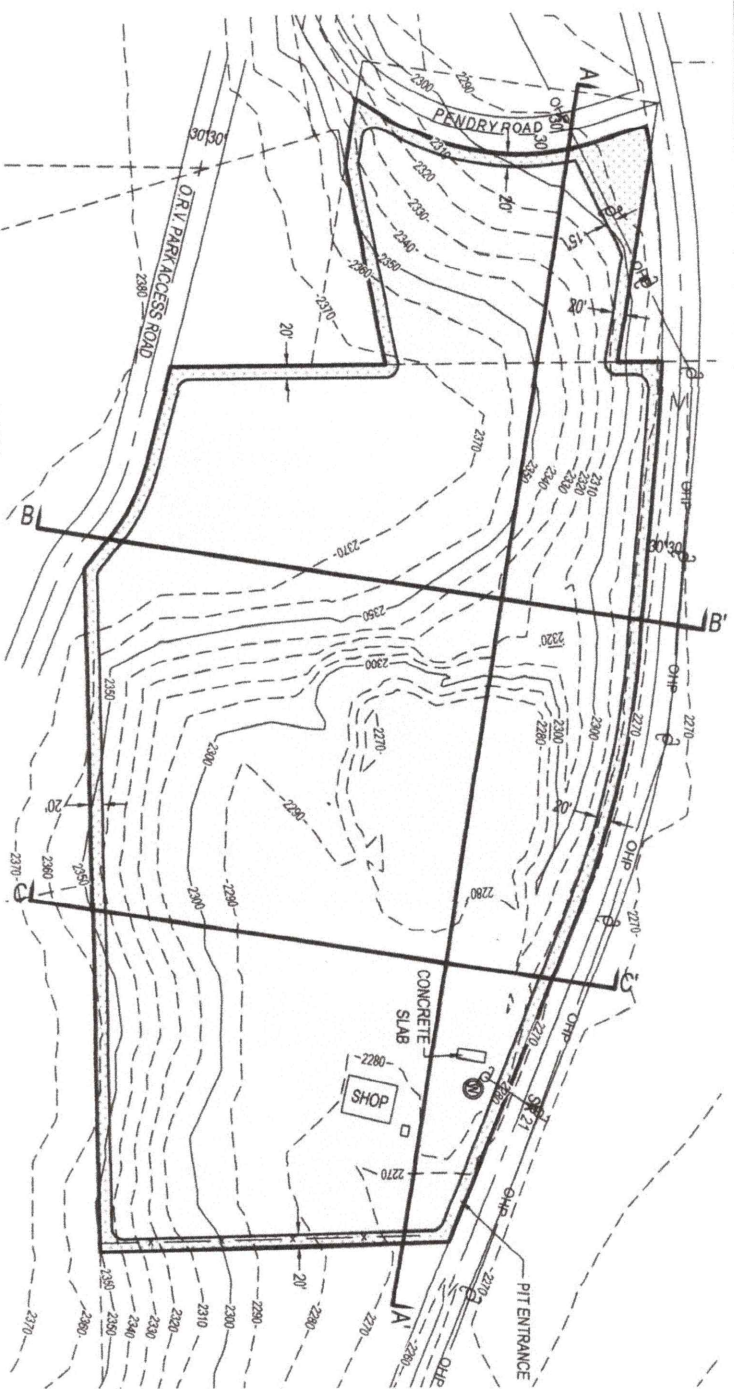
HORIZONTAL DATUM = LOCAL GRID
 VERTICAL DATUM = NAVD88
 GEOGRAPHIC DATUM = NAD83
 BENCH MARK USED:
 WSDOT CONTROL POINT "GP10020-6"
 BRASS DISK IN CONCRETE
 LAT. = N 48° 38' 25.09"
 LON. = W 118° 44' 03.24"
 ELEVATION = 2435.72'

20141106 Republic Aggregate Pit - DNR.dwg / Figure 2

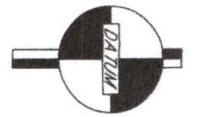
<p>FIGURE 2</p> <p>OWNERSHIP MAP</p> <p>REPUBLIC AGGREGATE PIT</p> <p>SECTION 7, T. 36 N., R. 33 E., W.M.,</p> <p>FERRY COUNTY, WASHINGTON</p>		<p>APPLICANT INFORMATION:</p> <p>HERBERT COLT & KATHLEENA A. SMITH PO BOX 395 EPHRATA, WA 98823</p>		<p>WADNR PROJECT REFERENCE:</p> <p>SMRP #70-014 <u>3222</u></p>	
<p>DRAWN BY: EMR</p> <p>CHECKED BY: GHS</p> <p>DRAWING SCALE: 1" = 500'</p>		<p>DATE: NOVEMBER 5, 2014</p> <p>PROJECT: REPUBLIC AGGREGATE PIT</p> <p>DRAWING NO.: 2 OF 6</p>			

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- LEGEND:**
- EXISTING PARCEL LINE
 - EXISTING SECTION LINES
 - EXISTING OWNERSHIP BOUNDARY (29.24 ACRES)
 - EXISTING RIGHT OF WAY LINE
 - EXISTING EDGE OF DIRT ROADWAY
 - EXISTING OVERHEAD POWER LINE
 - EXISTING CONTOUR - MAJOR
 - EXISTING CONTOUR - MINOR
-
- CROSS SECTION LOCATIONS (SEE FIGURE 6)
 - PROPOSED PERMIT BOUNDARY (29.24 ACRES)
 - PROPOSED EXCAVATION LIMITS (66.67 ACRES)
 - ACCESS / STOOPABLE AREA (2.57 ACRES)
 - EXISTING POWER POLE
 - EXISTING WELL



HORIZONTAL DATUM = LOCAL GRID
 VERTICAL DATUM = NAVD88
 GEOGRAPHIC DATUM = NAD83
 BENCH MARK USED:
 WSDOT CONTROL POINT "GP10020-6"
 BRASS DISK IN CONCRETE
 LAT. = N 48°38'25.09"
 LON. = W 118°44'03.24"
 ELEVATION = 2435.72'

- NOTES:**
1. EXISTING TOPOGRAPHY WAS DERIVED FROM SURFACE DATA OBTAINED FROM GOOGLE EARTH PRO, VERSION 7.1.2.2041 IN ADDITION TO SUPPLEMENTAL SURVEY INFORMATION BY GCSM.
 2. SITE FEATURES WERE DELINEATED ONSITE BY GCSM USING STANDARD TOPOGRAPHIC SURVEY METHODS.

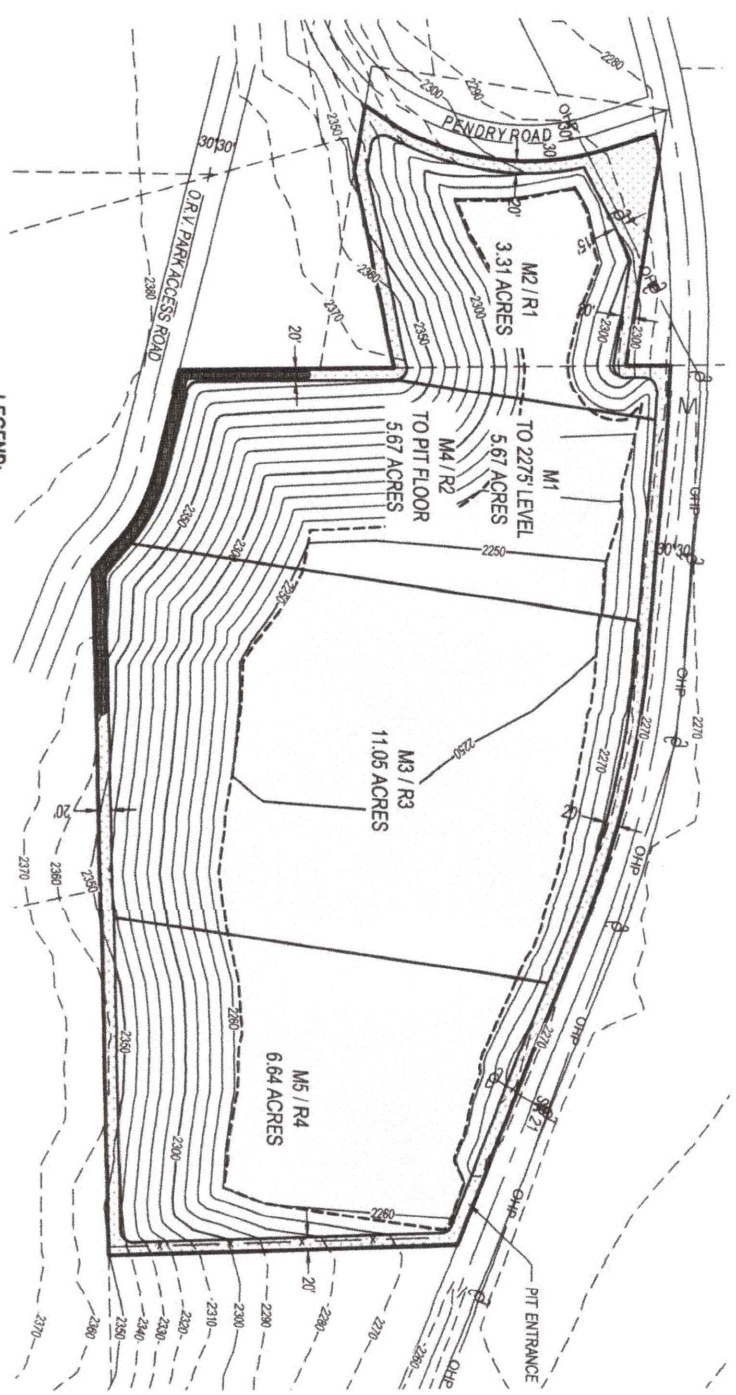
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FIGURE 3
 EXISTING TOPOGRAPHY MAP
 REPUBLIC AGGREGATE PIT
 SECTION 7, T. 36 N., R. 33 E., W.M.,
 FERRY COUNTY, WASHINGTON

APPLICANT INFORMATION:
 HERBERT COLT & KATHLEENA SMITH
 PO BOX 395
 EPHRATA, WA 98823

WADNR PROJECT REFERENCE: SMRP #70-014	
DRAWN BY: EMR	DATE: NOVEMBER 5, 2014
CHECKED BY: GHS	PROJECT: REPUBLIC AGGREGATE PIT
DRAWING SCALE: 1" = 200'	DRAWING NO.: 3 OF 6

20141105 Republic Aggregate Pit - DMR.dwg / Figure 3

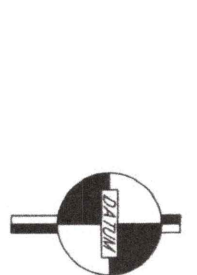


- LEGEND:**
- EXISTING PRICELINE
 - EXISTING SECTION LINES
 - EXISTING OWNERSHIP BOUNDARY (29.24 ACRES)
 - EXISTING RIGHT-OF-WAY LINE
 - EXISTING EDGE-OF-ROADWAY
 - PROPOSED FINAL CONTOUR - MAJOR
 - PROPOSED FINAL CONTOUR - MINOR
 - PROPOSED FINAL PIT FLOOR

- R1 RECLAMATION SEQUENCE
- M1 MINING SEGMENT
- TOPSOIL STOCK PILES

- GROSS SECTION LOCATIONS (SEE FIGURE 6)
- PROPOSED PERMIT BOUNDARY (29.24 ACRES)
- PROPOSED EXCAVATION LIMITS (28.67 ACRES)
- ACCESS / STOCKPILE AREA (2.97 ACRES)

- RECLAMATION SEQUENCE
- MINING SEGMENT
- TOPSOIL STOCK PILES



HORIZONTAL DATUM = LOCAL GRID
 VERTICAL DATUM = NAVD88
 GEOGRAPHIC DATUM = NAD83
 BENCHMARK USED:
 WSDOT CONTROL POINT "GP10020-5"
 BRASS DISK IN CONCRETE
 LAT. = N 48° 38' 25.09"
 LON. = W 118° 44' 03.24"
 ELEVATION = 2435.72'

- NOTES:**
1. EXISTING TOPOGRAPHY WAS DERIVED FROM SURFACE DATA OBTAINED FROM GOOGLE EARTH PRO, VERSION 7.12.2041 IN ADDITION TO SUPPLEMENTAL SURVEY INFORMATION BY GCSM.
 2. SITE FEATURES WERE DELINEATED ON-SITE BY GCSM USING STANDARD TOPOGRAPHIC SURVEY METHODS.
 3. TOPSOIL STOCKPILES WILL BE SEEDED AND MULCHED FOR EROSION CONTROL IF SALVAGED SOIL IS NOT TO BE IMMEDIATELY PLACED. SEE NARRATIVE SECTION 4.3.

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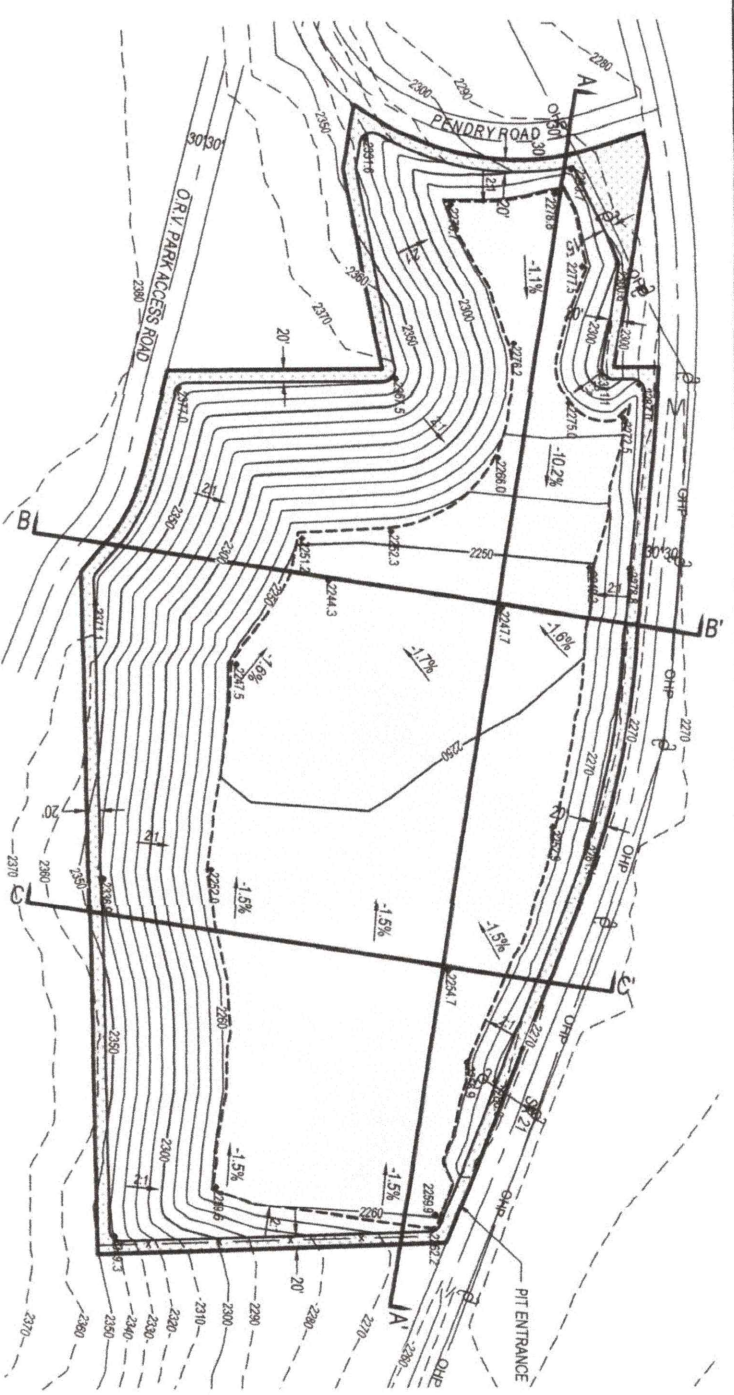
FIGURE 4
RECLAMATION SEQUENCE MAP
REPUBLIC AGGREGATE PIT
SECTION 7, T. 36 N., R. 33 E., W.M.,
FERRY COUNTY, WASHINGTON

APPLICANT INFORMATION:
 HERBERT COLT & KATHLEENA SMITH
 PO BOX 395
 EPHRATA, WA 98823

WADNR PROJECT REFERENCE: SMRP #70-014	
DRAWN BY: EMR	DATE: NOVEMBER 5, 2014
CHECKED BY: GHS	PROJECT: REPUBLIC AGGREGATE PIT
DRAWING SCALE: 1" = 200'	DRAWING NO.: 4 OF 6

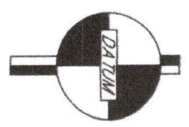
20141105 Republic Aggregate Pit - DNR.dwg / Figure 4

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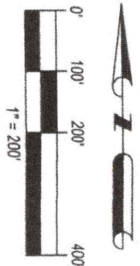


- LEGEND:**
- EXISTING PARCEL LINE
 - EXISTING SECTION LINES
 - EXISTING OWNERSHIP BOUNDARY (29.24 ACRES)
 - EXISTING RIGHT OF WAY LINE
 - EXISTING EDGE OF ROADWAY
 - PROPOSED FINAL CONTOUR - MAJOR
 - PROPOSED FINAL CONTOUR - MINOR
 - PROPOSED FINAL PIT FLOOR

- CROSS SECTION LOCATIONS (SEE FIGURE 6)
- PROPOSED PERMIT BOUNDARY (29.24 ACRES)
- PROPOSED EXCAVATION LIMITS (26.67 ACRES)
- ACCESS / STOCKPILE AREA (2.57 ACRES)
- ON-SITE DRAINAGE PATTERNS
- FINAL SURFACE SPOT ELEVATION



HORIZONTAL DATUM = LOCAL GRID
 VERTICAL DATUM = NAVD88
 GEOGRAPHIC DATUM = NAD83
 BENCHMARK USED:
 WSPOT CONTROL POINT "SP10020-5"
 BRASS DISK IN CONCRETE
 LAT. = N 48°30'25.09"
 LON. = W 118°44'03.24"
 ELEVATION = 2435.72'



- NOTES:**
1. EXISTING TOPOGRAPHY WAS DERIVED FROM SURFACE DATA OBTAINED FROM GOOGLE EARTH PRO, VERSION 7.1.2.2041 IN ADDITION TO SUPPLEMENTAL SURVEY INFORMATION BY GCSM.
 2. FOR RE-VEGETATION AND PROPOSED SPECIES, SEE NARRATIVE SECTION 6.1.
 3. FOR POST-MINING STORMWATER EROSION CONTROL MEASURES, SEE NARRATIVE SECTION 5.2.

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 REPUBLIC, WA 99166
 (509) 775-0265

FIGURE 5
FINAL TOPOGRAPHY MAP
REPUBLIC AGGREGATE PIT
SECTION 7, T. 36 N., R. 33 E., W.M.,
FERRY COUNTY, WASHINGTON

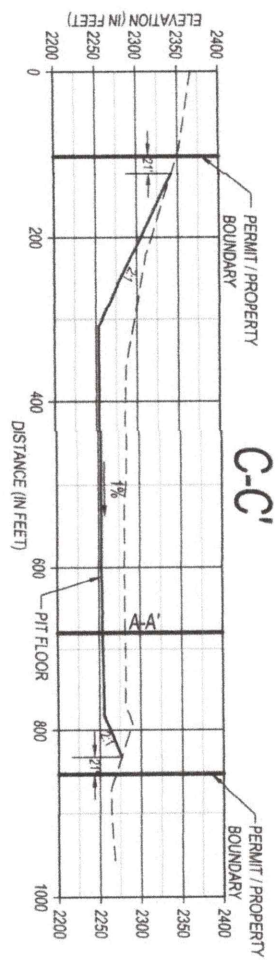
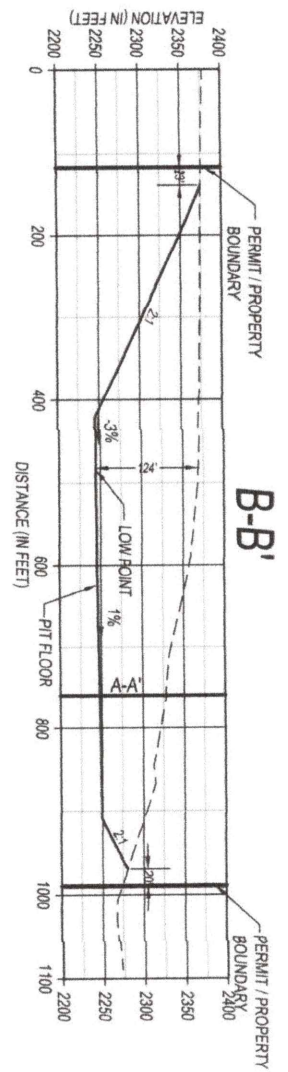
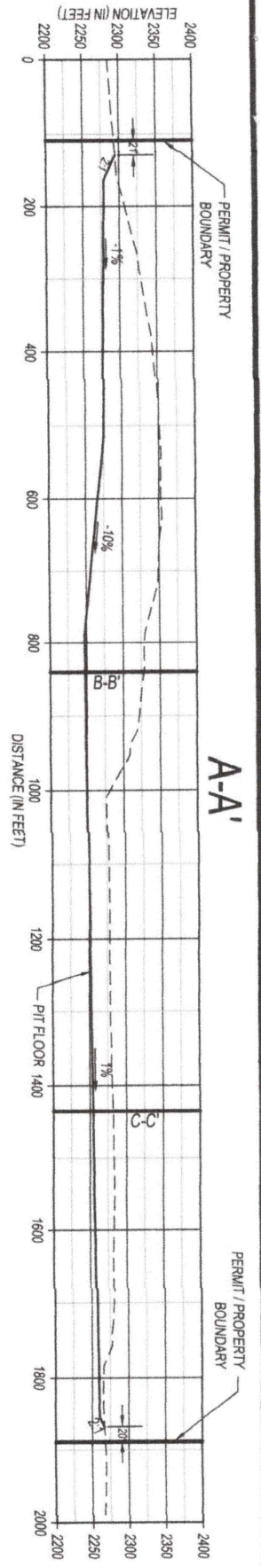
APPLICANT INFORMATION:
 HERBERT COLT & KATHLEENA SMITH
 PO BOX 395
 EPHRATA, WA 98823

WADNR PROJECT REFERENCE: SMRP #70-014

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CHECKED BY: GHS	PROJECT: REPUBLIC AGGREGATE PIT
DRAWING SCALE: 1" = 200'	DRAWING NO.: 5 OF 6

20141105 Republic Aggregate Pit - DMR.dwg / Figure 5

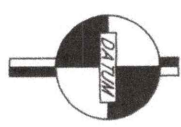
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- NOTES:**
1. EXISTING TOPOGRAPHY WAS DERIVED FROM SURFACE DATA OBTAINED FROM GOOGLE EARTH PRO, VERSION 7.1.2.2041 IN ADDITION TO SUPPLEMENTAL SURVEY INFORMATION BY GCSM.
 2. VOLUME CALCULATION INCLUDES PRODUCT, TOPSOIL AND OVERBURDEN.
 3. STORMWATER VOLUME CALCULATIONS ARE ATTACHED.
 4. SEE FIGURES 3 & 5 FOR CROSS-SECTION LOCATIONS.

EXCAVATED VOLUME = 1,727,433 CUBIC YARDS (CUT)
(SEE NOTE 2)

LEGEND:
 --- EXISTING TOPOGRAPHY
 — RECLAIMED TOPOGRAPHY



HORIZONTAL DATUM = LOCAL GRID
 VERTICAL DATUM = NAVD88
 GEOGRAPHIC DATUM = NAD83
 BENCHMARK USED:
 WSDOT CONTROL POINT "GP10020-5"
 BRASS DISK IN CONCRETE
 LAT. = N 48°32'25.09"
 LON. = W 118°44'03.24"
 ELEVATION = 2435.72'

20141105 Republic Aggregate Pit - DNR.dwg / Figure 6



FIGURE 6
CROSS SECTIONS
REPUBLIC AGGREGATE PIT
SECTION 7, T. 36 N., R. 33 E., W.M.,
FERRY COUNTY, WASHINGTON

APPLICANT INFORMATION:
 HERBERT COLT & KATHLEEN A. SMITH
 PO BOX 395
 EPHRATA, WA 98823

WADNR PROJECT REFERENCE: SMRP #70-014	
DRAWN BY: EMR	DATE: NOVEMBER 5, 2014
CHECKED BY: GHS	PROJECT: REPUBLIC AGGREGATE PIT
DRAWING SCALE: AS SHOWN	DRAWING NO.: 6 OF 6

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