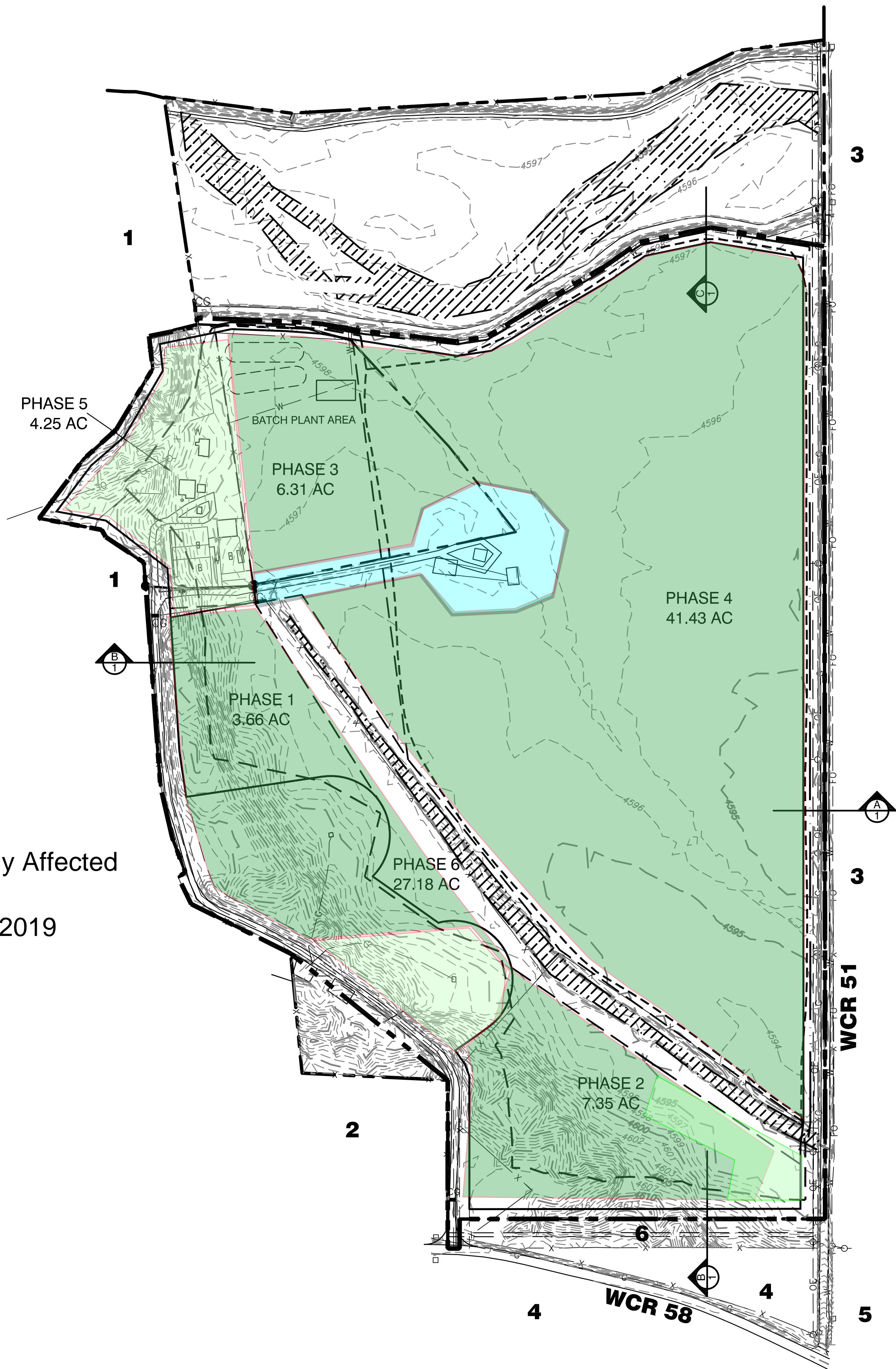


P:\07113 Kersey Gravel Pit\Drawings\Mining Plan\JT-mining.dwg, Mdeln, 9/12/2016 1:24:22 PM

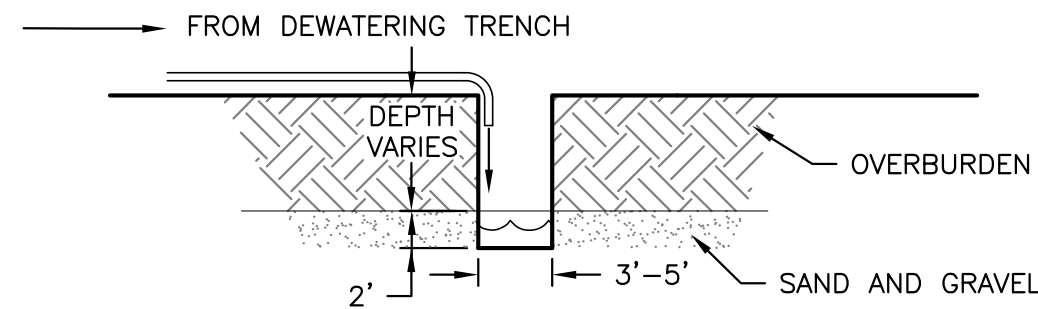
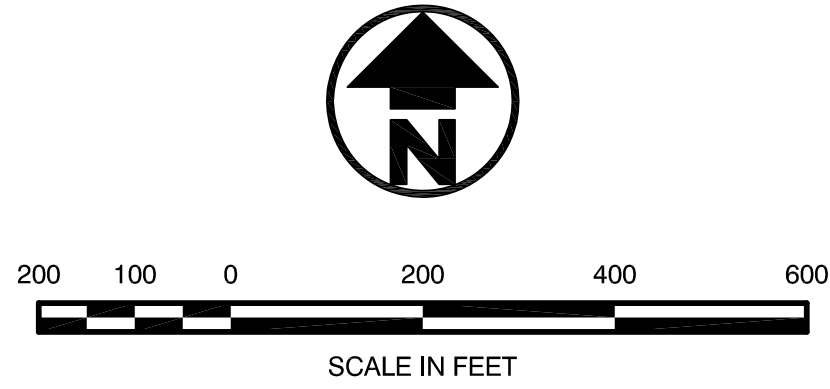
Previously Affected

Affected 2019



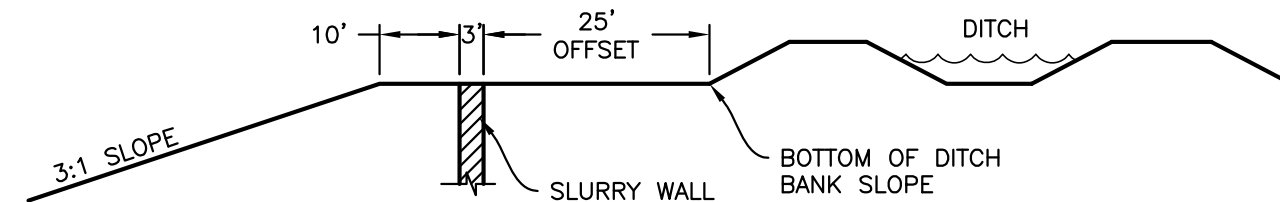
**VEGETATION NOTE:**  
ALL NON-WETLAND AREAS ARE HISTORICALLY IRRIGATED PASTURE GRASSES. VEGETATIVE SPECIES ARE PRIMARILY WESTERN WHEATGRASS, SALT GRASS, SWEET CLOVER, AND KOCHIA.

TOTAL PERMIT AREA = 83.00 AC  
TOTAL MINING AREA = 68.61 AC

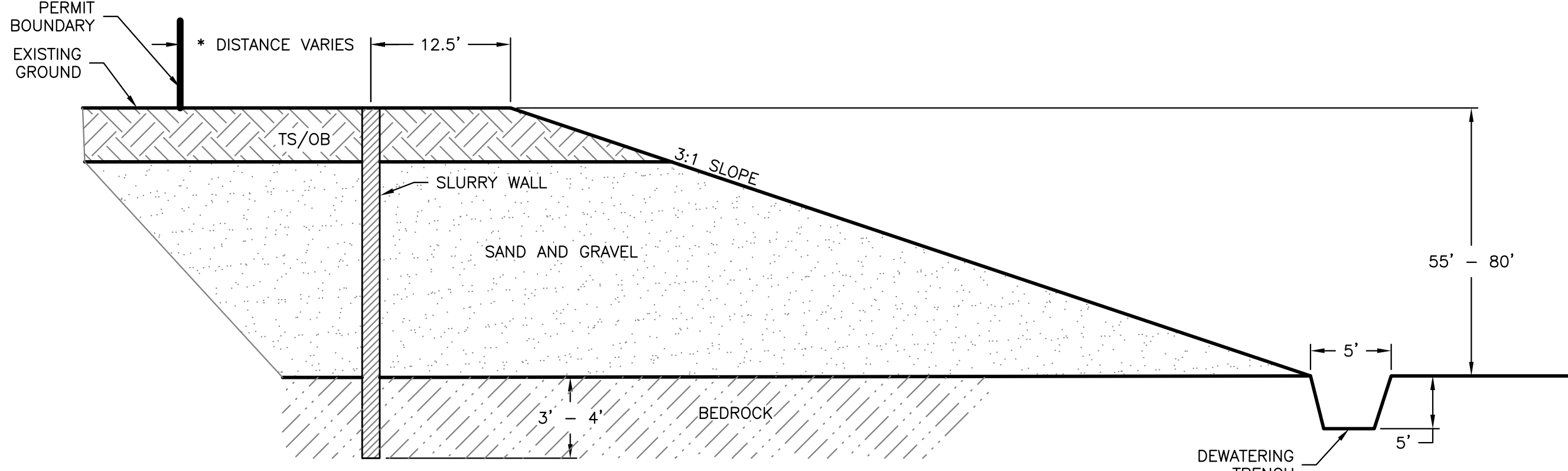


**RECHARGE DITCH DETAIL**

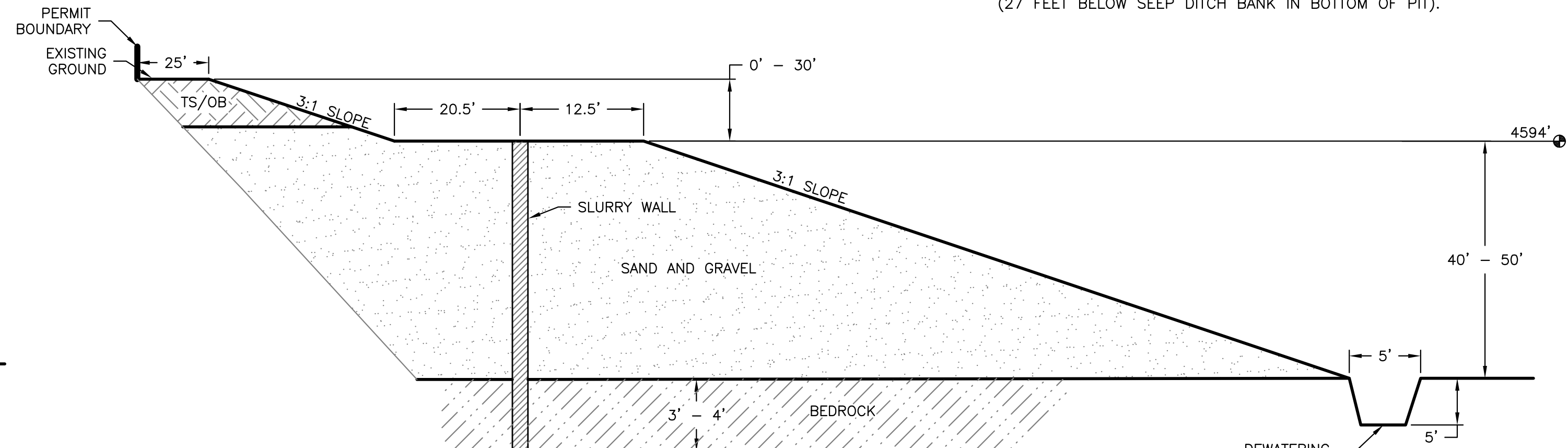
**RECHARGE NOTE:**  
RECHARGE DITCH TO BE INSTALLED / OPERATED AROUND PERIMETER OF OPEN MINING AREA(S) AS NEEDED TO RECHARGE SURROUNDING ALLUVIAL AQUIFER.



**SOUTH BRANCH PLUMB DITCH OFFSET DETAIL**



**TYPICAL MINING SECTION**



**TYPICAL MINING SECTION**

**LEGEND:**

	UTILITY POLE
	GUY WIRE
	GAS LINE MARKER
	GAS VALVE
	WELL
	WATER METER
	WATER FAUCET
	WATER LINE MARKER
	ELECTRIC TRANSFORMER
	TREE
	TELEPHONE PEDESTAL
	TELEPHONE LINE MARKER
	PROPERTY LINE
	EXISTING FENCE LINE
	EXISTING GAS
	EXISTING WATER LINE (CENTRAL WELD COUNTY WATER DISTRICT)
	EXISTING FIBER OPTIC
	EXISTING OVERHEAD ELECTRIC
	EXISTING CONTOURS (1' INTERVALS)
	GRAVEL ROAD
	PROPOSED PERMIT BOUNDARY
	PROPOSED MINING LIMIT
	CONSTRUCTED SLURRY WALL
	PROPOSED SLURRY WALL
	PHASE LIMIT
	STOCK PILE AREA
	RECHARGE DITCH
	WETLAND BOUNDARY

**PROPERTY OWNERS WITHIN 200 FEET: ASSESSORS I.D. NO.**

<b>1</b>	JAMES DAVID & BETSY ANN KLEIN 28465 WELD COUNTY ROAD 49.5 GREELEY, CO 80631	096307200024 096307400023
<b>2</b>	SCOTT HUFF 24725 WELD COUNTY ROAD 58 GREELEY, CO 80631	096307400022
<b>3</b>	LOWER LATHAM RESERVOIR COMPANY P.O. BOX 398 KERSEY, CO 80644	096308000022 096308000023
<b>4</b>	HELEN D PUYPE 24566 WELD COUNTY ROAD 58 GREELEY, CO 80631	096318000023
<b>5</b>	PATRICIA H SCHAUMBERG - TRUST NO 1 P.O. BOX 2414 CAREFREE, AZ 85377	096317000046
<b>6</b>	ARCHAEOLOGICAL CONSERVANCY 1717 GIRARD BLVD NE ALBUQUERQUE, NM 87106-1718	096307400003

**NOTES:**

1. THE MINING LOCATIONS ARE CONCEPTUAL, THEIR SIZE AND SHAPE MAY VARY SLIGHTLY DUE TO SITE CONDITIONS.
2. PHASES 1, & 11A WILL CONSIST OF MINING 5.81 AC TO ELEVATIONS OF 4592 AND 4597 RESPECTIVELY. GROUNDWATER WILL NOT BE EXPOSED DURING PHASES 1 & 11A.
3. PHASE 2 WILL CONSIST OF MINING TO AN ELEVATION OF 4568 (27 FEET BELOW SEEP DITCH BANK IN BOTTOM OF PIT).

REVISONS		Description	
No.	Date	By	Chk
1	3.19.15	TPY	JCY
2	9.11.15	TPY	JCY
3	9.12.16	TPY	JCY

Job #	07113
Date	9/15/08
Drawn By	WSS
Designed By	TPY
Checked By	JCY
File	JT-Mining
Scale	1" = 200'

Sheet: 1 of 1