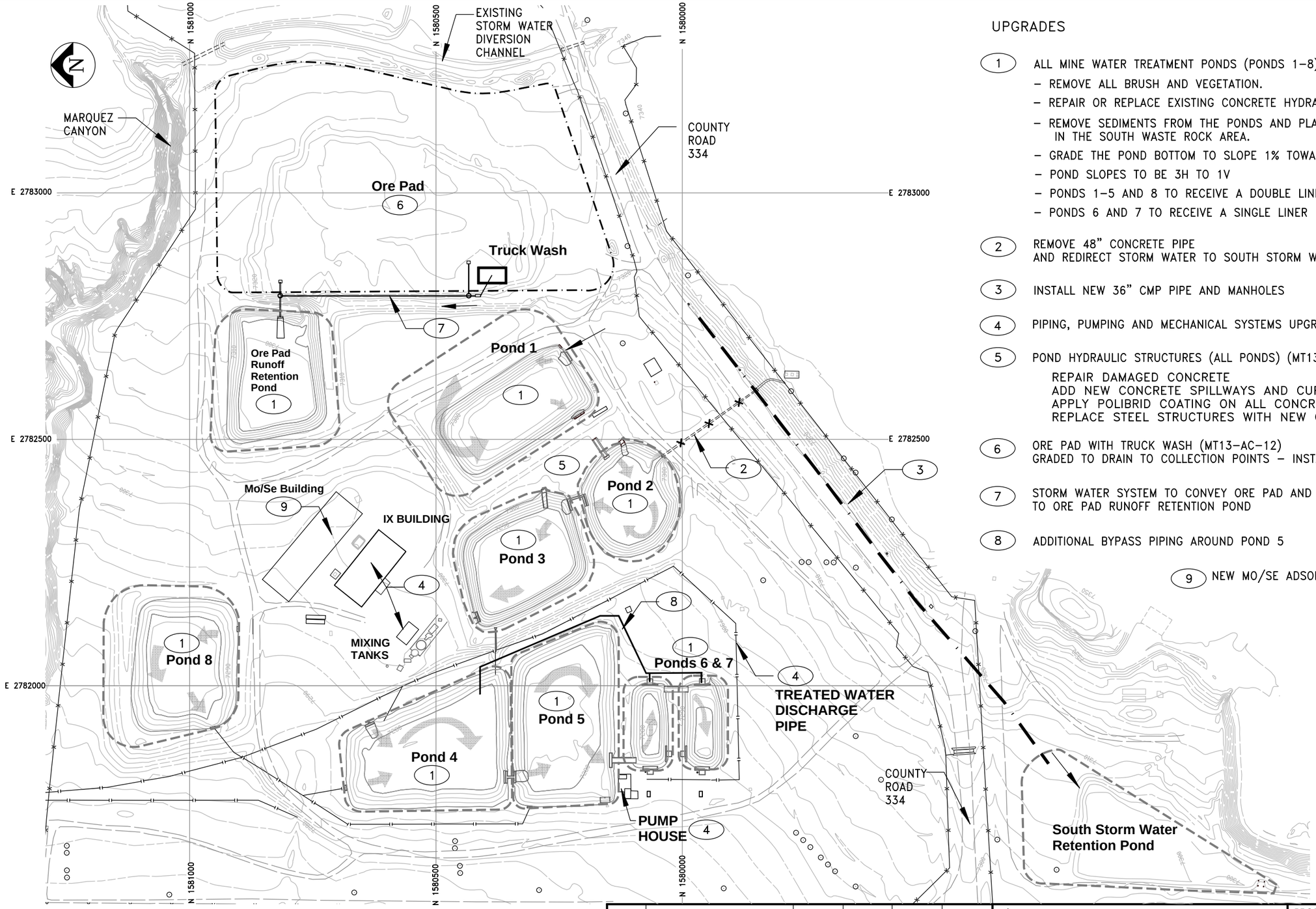

UPGRADES

1. ALL MINE WATER TREATMENT PONDS (PONDS 1–8) AND ORE PAD RUNOFF RETENTION POND
   - REMOVE ALL BRUSH AND VEGETATION.
   - REPAIR OR REPLACE EXISTING CONCRETE HYDRAULIC STRUCTURES (SEE NOTE 5)
   - REMOVE SEDIMENTS FROM THE PONDS AND PLACE IN DISPOSAL CELL IN THE SOUTH WASTE ROCK AREA.
   - GRADE THE POND BOTTOM TO SLOPE 1% TOWARDS THE SUMP AREA.
   - POND SLOPES TO BE 3H TO 1V
   - PONDS 1–5 AND 8 TO RECEIVE A DOUBLE LINER SYSTEM
   - PONDS 6 AND 7 TO RECEIVE A SINGLE LINER
2. REMOVE 48" CONCRETE PIPE AND REDIRECT STORM WATER TO SOUTH STORM WATER RETENTION POND
3. INSTALL NEW 36" CMP PIPE AND MANHOLES
4. PIPING, PUMPING AND MECHANICAL SYSTEMS UPGRADE AS NEEDED
5. POND HYDRAULIC STRUCTURES (ALL PONDS) (MT13–AC–07)
   REPAIR DAMAGED CONCRETE
   ADD NEW CONCRETE SPILLWAYS AND CURB FOR LINER CONNECTIONS
   APPLY POLIBRID COATING ON ALL CONCRETE SURFACES
   REPLACE STEEL STRUCTURES WITH NEW CONCRETE STRUCTURES AS NEEDED
6. ORE PAD WITH TRUCK WASH (MT13–AC–12) GRADED TO DRAIN TO COLLECTION POINTS – INSTALL LINER
7. STORM WATER SYSTEM TO CONVEY ORE PAD AND TRUCK WASH RUNOFF TO ORE PAD RUNOFF RETENTION POND
8. ADDITIONAL BYPASS PIPING AROUND POND 5
9. NEW MO/SE ADSORPTION BUILDING (PLANS BY OTHERS)

NOT FOR CONSTRUCTION

0 100 200 400 800 FT
GRAPHIC SCALE

500' GRID = NAD 83 NEW MEXICO WEST

REV	DESCRIPTION	DATE	DRAWN BY	ENGINEER	APPROVED
0	FINAL	3-15-13	EL	AK	AK
1	Review Comments	12-17-13	EL	AK	
2	Add Mo/Se Adsorption Bldg.	6-25-15	EL	AK	

RIO GRANDE RESOURCES CORPORATION
MOUNT TAYLOR MINE - San Mateo, NM 87020

Prepared By: Alan Kuhn Associates LLC
SIZE: B
SCALE: As Shown
DWG NO. MT13-AC-02

PROJECT TITLE: **MT. TAYLOR MINE MINE REACTIVATION PLAN**

SHEET TITLE: MINE WATER TREATMENT UNIT (MWTU) UPGRADES

REV: 2