A1 CONCEPT SITE PLAN

SCALE: 1:300

0 12 24 Meters

## GENERAL SHEET NOTES

1. DRAWINGS PROVIDED FOR INFORMATION ONLY AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
2. EXISTING CONDITIONS SHOWN ARE THE COMBINED RESULT OF AERIAL IMAGERY, GIS, AND SITE VISIT PHOTOS. CONTRACTOR MUST FIELD VERIFY ALL EXISTING CONDITIONS.
3. THERE WILL BE ONE FOUNDATION FOR THE TWO PROPOSED WATER TANKS.
4. OPTION 1 IS TAKING WATER DIRECTLY FROM THE RIVER FROM A STILLING BASIN.
5. THE PUMP STATION AND CHLORINATION STATION SHALL BE ENCLOSED FOR SECURITY AND TO PROTECT THEM FROM THE ELEMENTS.
6. THE PUMP AND CHLORINATION STATION CAN SHARE AN ENCLOSURE, BUT MUST BE SEPARATED BY A WALL.
7. PROVIDE A STILLING BASIN TO ALLOW THE WATER TO SETTLE BEFORE PUMPING IT OUT. PROVIDE EROSION PROTECTION AND A WEIR STRUCTURE TO HELP KEEP THE WATER AT A LEVEL TO ALLOW PUMPING.
8. THE EXISTING WATER COLLECTION TANK WAS PROPOSED TO BE ABANDONED IN PLACE. THE CUSTOMER SUGGESTED REPAIRING THE EXISTING CONCRETE FENCE TO LIMIT ACCESS TO THE ABANDONED STRUCTURE.
9. ENSURE THAT THE PROPOSED WATER TANKS ARE ACCESSIBLE TO WATER TRUCKS AND MAINTENANCE VEHICLES.
10. THE EXISTING CHAIN LINK FENCE WILL REQUIRE RELOCATION.
11. PROVIDE FENCING WITH GATES TO PREVENT UNAUTHORIZED ACCESS TO THE SITE FEATURES BUT ALLOW EASY ACCESS TO AUTHORIZED PERSONNEL.

## KEYNOTES

1. EXISTING HIGHWAY M3
2. EXISTING ABANDONED WATER COLLECTION TANK
3. EXISTING ELECTRICAL SUBSTATION
4. EXISTING UNUSED BUILDING WITH ALTERNATE ELECTRICAL SUBSTATION
5. EXISTING CONCRETE FENCE
6. EXISTING CHAIN LINK FENCE
7. PROPOSED TWO 100,000 LITER WATER STORAGE TANKS WITH CONCRETE FOUNDATION
8. PROPOSED STILLING BASIN WITH PUMP INTAKE
9. PROPOSED ENCLOSURE AND CONCRETE FOUNDATION FOR PUMP AND WATER TREATMENT STATION
10. PROPOSED CHLORINATION SYSTEM
11. PROPOSED INTAKE PUMP TO BRING WATER FROM THE STILLING BASIN
13. PROPOSED TELECOMMUNICATIONS ENCLOSURE WITH CONCRETE PAD

## LEGEND

- EXISTING FENCE
- PROPOSED FENCE
- EXISTING BUILDING FOOTPRINT
- EXISTING APPROXIMATE RIVER PATH
- PROPOSED WATER LINE
- PROPOSED POWER SUPPLY
- PROPOSED POWER SUPPLY
- PROPOSED STILLING BASIN
- PROPOSED CONCRETE PAVEMENT
- PROPOSED CHLORINATION STATION
- PROPOSED INTAKE PUMP
- PROPOSED LIGHT POLE

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| MARK | DESCRIPTION | DATE |
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DESIGNED BY: KLEIN
DRAWN BY: KLEIN
CHECKED BY: MYER
SUBMITTED BY:
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ISSUE DATE:
SOLICITATION NO.:
CONTRACT NO.:

U.S. ARMY CORPS OF ENGINEERS
EUROPE DISTRICT
WIESBADEN
GERMANY

WATER SUPPLY SYSTEM FOR BAZUM VILLAGE ARMENIA
VILLAGE OF BAZUM, ARMENIA
PROJECT #: 574554

CONCEPTUAL SITE PLAN - OPTION 1

SHEET ID
ATT 2.1

RFP