

VILLAGE OF CORRALES
ANGEL HILL WATER TANK

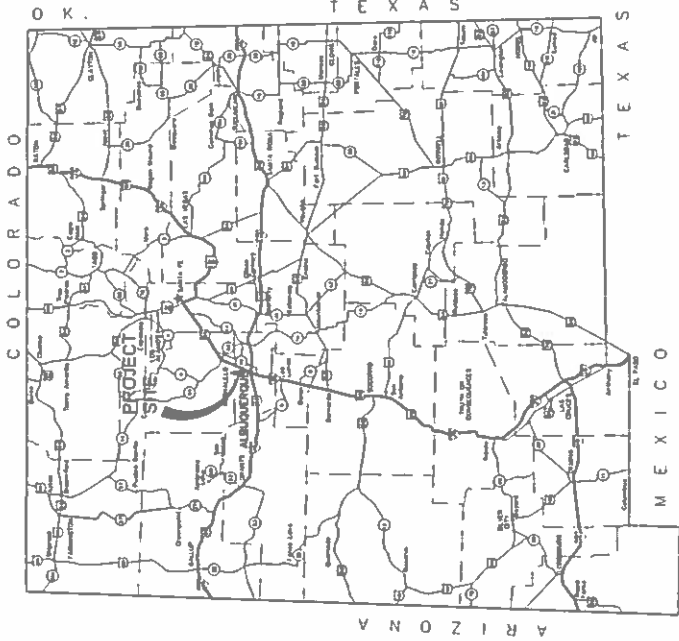
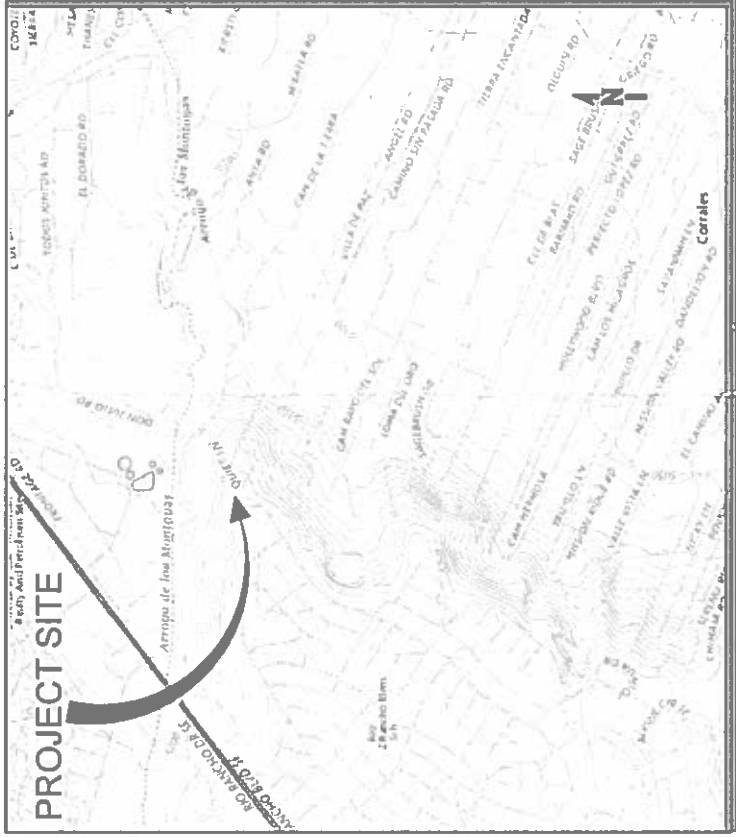
CORRALES, NEW MEXICO

AUG, 2020

OWNER
VILLAGE FIRE DEPARTMENT
CORRALES, NEW MEXICO 87048
CONTACT:
PHONE: (XXX) XXX-XXXX FAX: (XXX) XXX-XXXX
EMAIL XXXXXXXXX@XXXXXXXXX.ORG

ENGINEER
WHPACIFIC, INC
6501 AMERICAS PARKWAY NE, SUITE 400
ALBUQUERQUE, NEW MEXICO 87110
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SHEET LIST	
1	COVER SHEET
2	GENERAL NOTES
3	SITE DEVELOPMENT PLAN
4	PIPING PLAN
5	DETAIL SHEET



UTILITY CONTACTS
GAS COMPANY: NMGAS
CONTACT:
TELEPHONE COMPANY:
CONTACT:
COMMUNICATIONS COMPANY:
CONTACT:
ELECTRIC COMPANY: PNM
CONTACT:

COVER SHEET VILLAGE OF CORRALES ANGEL HILL WATER TANK		PROJECT NUMBER A000107.00	DRAWING FILE NAME A000107.00-C-SP01
PER PLAN		SCALE 1" = 10'	SHEET INFO DESIGNED WHP CHECKED DRAWN C.T. & A.S. APPROVED LAST EXCT 10/21/2019 PLOT DATE 10/21/2019 SUBMITTAL 12/10/2019

NO.	BY	DATE	REVISIONS

6/26/2020




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- GENERAL NOTES
1. CONSTRUCT ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED, IN ACCORDANCE WITH THE NEW MEXICO APWA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2007 EDITION. (REFERRED TO HEREAFTER AS THE STANDARD SPECIFICATIONS)

2. SEVEN (7) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTACT NEW MEXICO ONE-CALL SYSTEM, (800)321-2537, FOR LOCATION OF EXISTING UTILITIES.

3. COORDINATE WITH THE VILLAGE OF CORRALES FIRE DEPARTMENT SEVEN (7) WORKING DAYS PRIOR TO ANY WORK NEEDING WATER.

4. PRIOR TO CONSTRUCTION, EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONTACT EXIST. NOTIFY THE ENGINEER SO THAT THE CONTACT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE COST OF ALL POT-HOLING INVESTIGATIONS IS CONSIDERED INCIDENTAL TO THE WORK AND NO SEPARATE PAYMENT WILL BE MADE.

5. EXERCISE DUE CARE TO AVOID DISTURBING EXISTING UNDERGROUND UTILITIES. COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION

6. PROTECT ALL LANDSCAPING, EXISTING WALLS, FENCES, STRUCTURES AND IMPROVEMENTS LOCATED WITHIN OR ADJACENT TO WORK AREAS, UNLESS OTHERWISE INDICATED IN PLANS. REPLACE ALL DISTRIBUTED OR DAMAGED IMPROVEMENTS IN KIND, AT NO COST TO THE OWNER AND AS DIRECTED BY THE ENGINEER.

7. MAINTAIN ONE RECORD COPY OF ALL SPECIFICATIONS, DRAWINGS, ADDENDA, MODIFICATIONS, AND SHOP DRAWINGS AT THE SITE IN GOOD ORDER. THESE DOCUMENTS SHALL BE ANNOTATED TO SHOW ALL CHANGES MADE DURING THE CONSTRUCTION PROCESS. THE DOCUMENTS SHALL BE AVAILABLE TO THE ENGINEER AT ALL TIMES, WITHIN 25 DAYS OF THE COMPLETION OF THE PROJECT. THE DOCUMENTS SHALL BE COLLATED IN ONE PACKAGE AND SHALL BE CERTIFIED BY THE CONTRACTOR AS A COMPLETE SET OF AS-BUILT RECORD DOCUMENTS AND DELIVERED TO THE ENGINEER.

8. NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) CALENDAR DAYS PRIOR TO STARTING WORK SO THAT THE ENGINEER MAY TAKE NECESSARY MEASUREMENTS TO INSURE PRESERVATION OF SURVEY MONUMENTS. DO NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER. NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY SURVEY MONUMENTS THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT WILL BE DONE ONLY BY AN OWNER APPROVED SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, ADJUST, AT THE CONTRACTOR'S EXPENSE, THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

9. COMPACT TRENCH BACKFILL IN ACCORDANCE WITH SECTION 301 AND 701 OF THE STANDARD SPECIFICATIONS AND SUPPLEMENTAL TECHNICAL SPECIFICATIONS.

10. PERFORM ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P AND THE APPLICABLE STANDARD AND PROJECT SPECIFICATIONS.

11. WHERE TRENCHING EXPOSES EXISTING UTILITY LINES, THE CONTRACTOR IS RESPONSIBLE FOR SUPPORTING THE EXISTING LINE(S) DURING CONSTRUCTION AND ASSURING THAT IT IS BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

12. MINOR ADJUSTMENTS TO HORIZONTAL AND VERTICAL LOCATIONS OF PIPING APPURTENANCES AND RELATED COMPONENTS IS CONSIDERED INCIDENTAL TO THE WORK.

13. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

- WATER STORAGE TANK
1. WATER STORAGE TANK, 500K GALLON TANK AND FOUNDATION TO BE DESIGNED BY OTHERS. CONTRACTOR SUBMITTAL WILL BE STAMPED BY NM PE AND WILL MEET ANWA D100-11.

2. PROVIDE CATHODIC PROTECTION PER ANWA D100-16 AND SPECIFICATIONS.

3. COATINGS MUST MEET SPECIFICATIONS.

EROSION CONTROL & ENVIRONMENTAL PROTECTION

1. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY DUST CONTROL OR EROSION CONTROL PERMITS FROM THE REGULATORY AGENCIES.

2. THE CONTRACTOR SHALL PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR ADJACENT PROPERTY TO KEEP IT FROM WASHING OFF THE PROJECT SITE.

3. THE CONTRACTOR SHALL INSTALL ANY TEMPORARY DRAINAGE CONTROL MEASURES NECESSARY TO SAFELY CONVEY STORM WATER RUNOFF TO EXISTING DUTIFALLS. CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY BY CONSTRUCTION OF TEMPORARY EROSION CONTROL BERM'S OR INSTALLING SALT FENCIS AT THE PROPERTY LINES (OR LIMITS OF CONSTRUCTION IF DESIGNATED) AND WETTING SOIL TO PREVENT IT FROM BLOWING ANY DAMAGE TO PRIVATE PROPERTY OR IMPROVEMENTS CONSTRUCTED BY THE CONTRACTOR RESULTING FROM STORM WATER FLOWS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IF THE CONTRACTOR'S ACTIVITIES CAUSE DAMAGE TO ADJACENT PROPERTIES, PUEBLO OF OHAYT OMINGH, AT THEIR DISCRETION, MAY REMOVE PAYMENT FROM THE CONTRACTOR'S MOBILIZATION & DEMOBILIZATION PAY ITEM TO CORRECT THE DAMAGED PROPERTIES.

4. WATERING, AS REQUIRED FOR CONSTRUCTION DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES AND AS REQUESTED BY THE ENGINEER. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR WATER AVAILABILITY AND USE. THE CONTRACTOR SHALL SUPPLY ALL EQUIPMENT AND MATERIALS NECESSARY FOR PROVIDING WATER.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDE GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINTS, ETC. WHICH MAY BE SUBJECT TO THE PROHIBITION. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO ENVIRONMENT DEPARTMENT AT (505) 827-9329.

6. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATION. COORDINATE HOURS AND DAYS WITH THE OWNER.

7. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS INCLUDING, BUT NOT LIMITED TO, DISPOSAL OF MATERIAL TO BE REMOVED FROM SITE.

CONSTRUCTION AREA CLEANUP

1. PRIOR TO SUBSTANTIAL COMPLETION, THE CONTRACTOR SHALL RESTORE THE AREA TO PRE-CONSTRUCTION CONDITION AND REMOVE CONSTRUCTION DEBRIS AND SPILL. FINAL PAYMENT WILL NOT BE MADE UNTIL CLEANUP HAS BEEN COMPLETED AND ACCEPTED BY THE ENGINEER.

CONSTRUCTION WATER

1. CONSTRUCTION WATER WILL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND WILL BE AVAILABLE FROM THE OWNER. COORDINATE WITH VILLAGE STAFF FOR METERING AND COSTS.

GENERAL NOTES

PROJECT NUMBER
A000107.00

DRAWING FILE NAME
A000107.00-C-NT01

ANGEL HILL WATER TOWER

PER PLAN

SCALE

SHEET #60

DESKTOPED
WMP

DRAWN
CJT

CHECKED
—

APPROVED
—

LAST EDIT
10/21/2019

PLOT DATE
12/10/2019

SUBMITTAL

REVISIONS

NO. BY DATE

REMARKS

6/26/2020

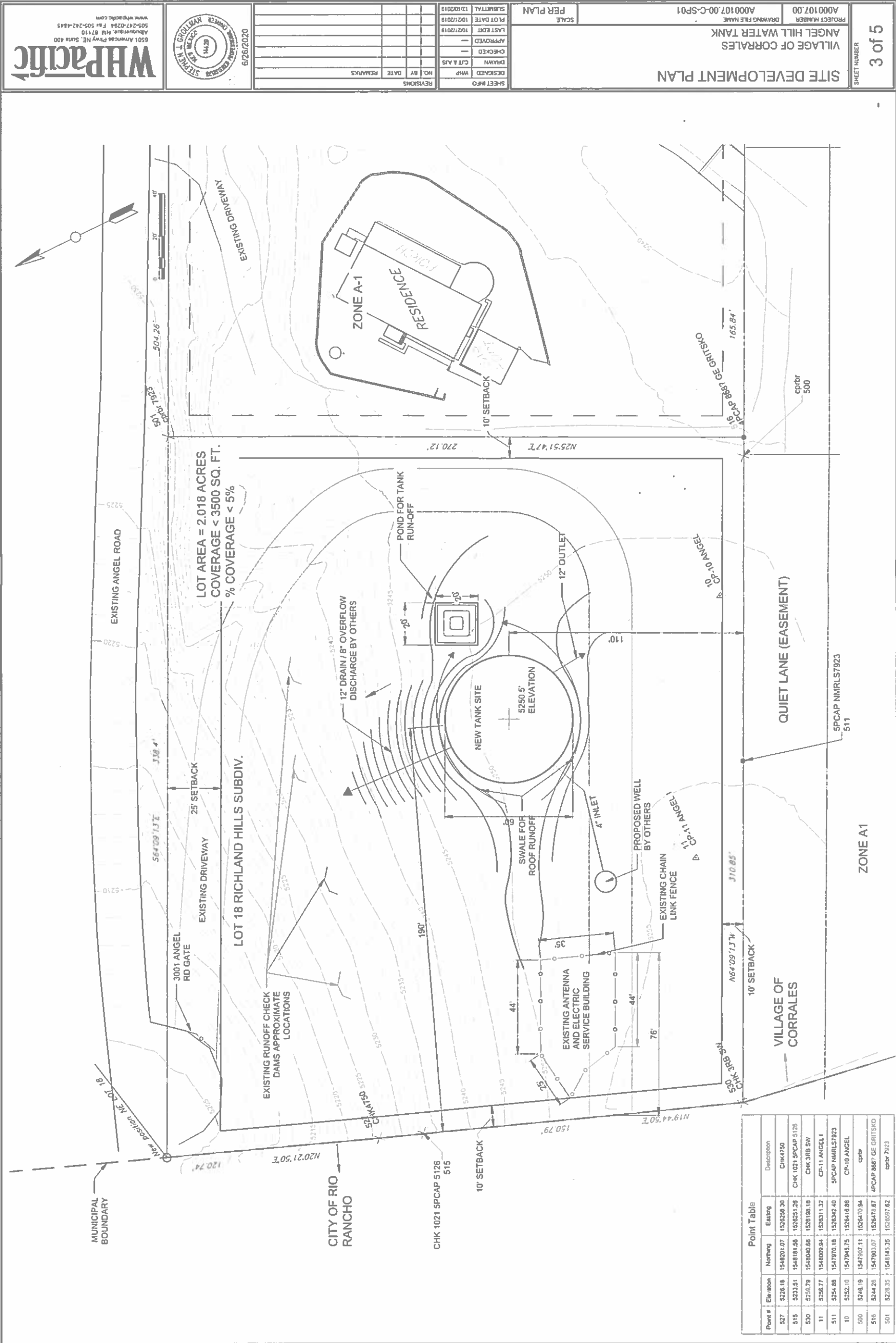
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WHPacific

REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
1429
STEVEN N. J. ORULLMAN

2 of 5

SHEET NUMBER



3 of 5

SHEET NUMBER

PROJECT NUMBER
A000107.00

DRAWING FILE NAME
A000107.00-C-SP01

ANGEL HILL WATER TANK

SITE DEVELOPMENT PLAN

SCALE
PER PLAN

SHEET #0
DESIGNED: WHP
DRAWN: CFT & AS
CHECKED: —
APPROVED: —
LAST EMT: 10/21/2019
PLOT DATE: 10/21/2019
SUBMITTAL: 12/10/2019

REVISIONS
NO. BY DATE REMARKS

6/26/2020



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PIPING PLAN

VILLAGE OF CORRALES
ANGEL HILL WATER TANK

PROJECT NUMBER
A000107.00

DRAWING FILE NAME
A000107.00-C-SP02

SCALE
PER PLAN

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