



LOCATION MAP
NOT TO SCALE



GILA COUNTY
PUBLIC WORKS DEPARTMENT

745 NORTH ROSE MOFFORD WAY
GLOBE, ARIZONA 85501
PHONE (928) 402-8530 FAX (928) 425-8104

GILA COUNTY BOARD OF SUPERVISORS

CHAIR WOODY CLINE DISTRICT 3
VICE CHAIR STEVE CHRISTENSEN DISTRICT 1
MEMBER TIM R. HUMPHREY DISTRICT 2

COUNTY MANAGER

JAMES MENLOVE

PUBLIC WORKS DEPARTMENT DIRECTOR

STEVE SANDERS

NRCS JOB CLASS

CLASS V

GENERAL NOTES

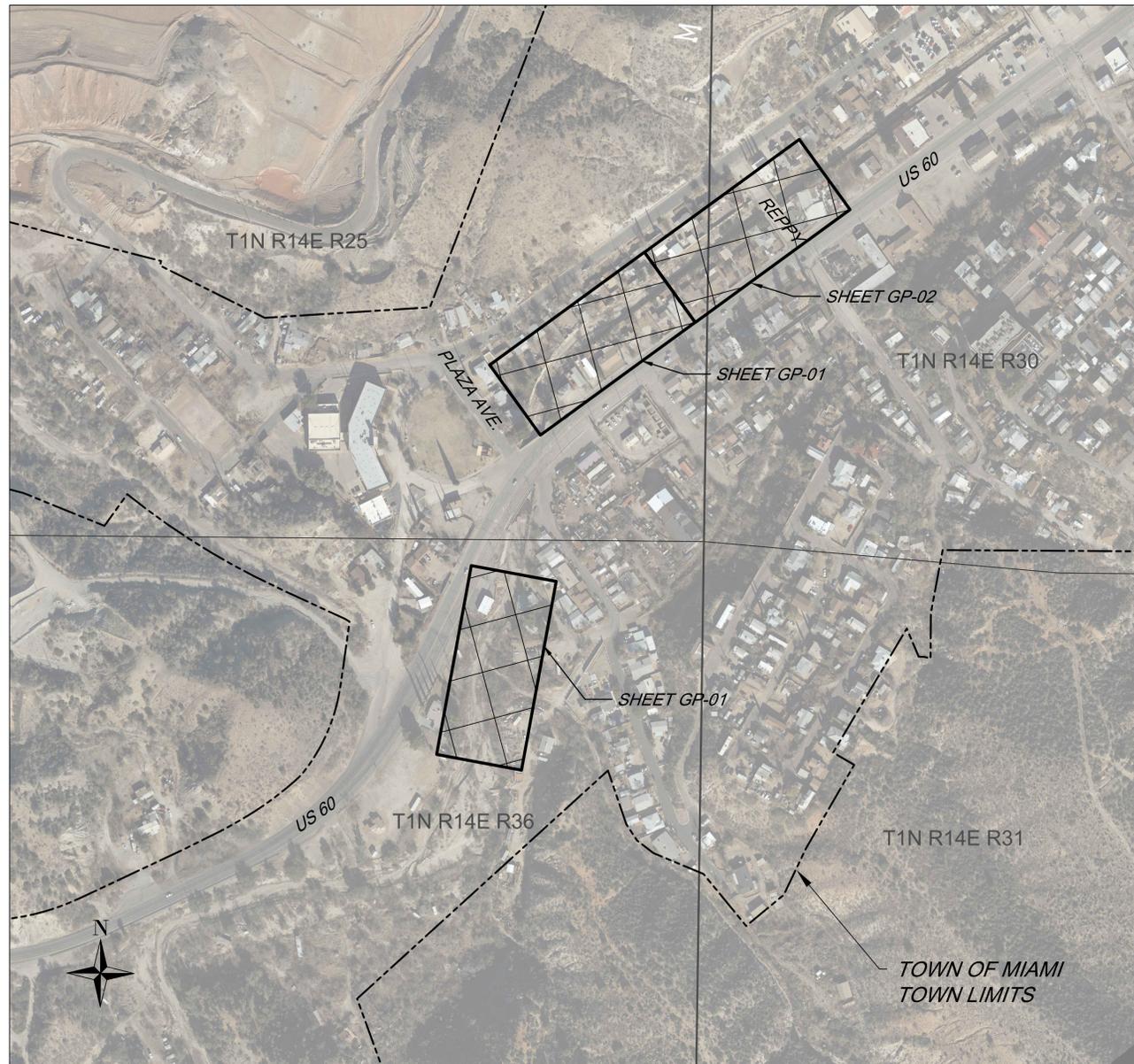
1. THE PARTICIPANT ASSURES THE USDA-NRCS THAT THE PROGRAM OR ACTIVITIES PROVIDED UNDER THIS AGREEMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL LAWS, REGULATIONS, AND POLICIES FOR FEDERAL, STATE, AND LOCAL AGENCIES.
2. IT SHALL BE THE RESPONSIBILITY OF THE PARTICIPANT TO OBTAIN ALL NECESSARY CLEARANCES, PERMITS, RIGHTS OF WAY, AND EASEMENTS.
3. IT SHALL BE THE RESPONSIBILITY OF THE PARTICIPANT AND CONTRACTOR TO ENSURE THAT THE PROJECT IS CONSTRUCTED ACCORDING TO THE ATTACHED DRAWINGS, SPECIFICATIONS, AND SPECIAL REQUIREMENTS. ANY SIGNIFICANT CHANGES THAT AFFECT THE SCOPE OR COMPLEXITY OF THE PROJECT SHALL BE SUBMITTED, IN WRITING, TO THE NRCS THREE (3) WORKING DAYS PRIOR TO IMPLEMENTATION FOR APPROVAL.
4. ALL EXISTING CONDITIONS ARE TO BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY ADJUSTMENTS FROM THE DRAWINGS ARE TO BE MADE AS DIRECTED BY THE AGENCY APPROVING OFFICIAL.
5. NRCS SHALL BE NOTIFIED THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION.

LOCATION OF UTILITIES

1. NRCS MAKES NO REPRESENTATION AS TO THE EXISTENCE OR NONEXISTENCE OF ANY UTILITIES, PUBLIC OR PRIVATE. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING THE WORK WITH ALL UTILITY COMPANIES.
2. CONTRACTOR SHALL CONTACT ARIZONA 811 EITHER BY PHONE OR ONLINE.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTORS AND LANDOWNERS TO COMPLY WITH THE PROVISIONS OF ARIZONA STATE LAW. THE CONTRACTORS WILL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM DISRUPTION OF SERVICE CAUSED BY CONSTRUCTION ACTIVITIES.

BLOODY TANKS WASH CHANNEL REHABILITATION PLANS

EMERGENCY WATERSHED PROGRAM
IN COOPERATION WITH NATURAL RESOURCES CONSERVATION SERVICE



TOWN OF MIAMI OVERVIEW

SCALE: 1" = 200'

DRAWING NUMBER & SHEET INDEX

| DRAWING NO. | SHEET NO. | TITLE |
|----------------|-----------|------------------------------|
| CO-01 | 1 | COVER |
| NO-01 | 2 | GENERAL NOTES |
| DT-01 | 3 | TYPICAL SECTIONS AND DETAILS |
| GP-01 TO GP-02 | 4-5 | GRADING PLANS |

PROJECT DATA

ELEVATION DATA:
THE ELEVATION DATUM FOR THIS PROJECT IS NAVD '88. LIDAR MAPPING WAS COMPLETED BY COOPER AERIAL SURVEYS CO IN DECEMBER 2021.

BACKGROUND DATA AND LINEWORK SHOWING EXISTING FEATURES WAS PROVIDED BY COOPER AERIAL SURVEYS CO AND CIVILTEC ENGINEERING, INC. IN JANUARY 2022.

SURVEY NOTE:
THIS PLAN IS BASED ON TOPOGRAPHIC SURVEY DATA PROVIDED BY COOPER AERIAL SURVEYS CO. PARCEL LINE AND RIGHT OF WAY LINES WERE ESTABLISHED FROM GIS DATA PROVIDED BY GILA COUNTY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING FEATURES, PROPERTY CORNERS, PROJECT BOUNDARIES, RIGHTS-OF-WAY AND TOPOGRAPHIC SURVEY DATA PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER'S AGENT IMMEDIATELY OF ANY DISCREPANCIES FOR RESOLUTION.

EARTHWORK QUANTITIES:
NO PROJECT SPECIFIC GEOTECHNICAL INVESTIGATION HAS BEEN PERFORMED. ALL EARTHWORK IS CONSIDERED "UNCLASSIFIED."

APPROXIMATE EARTHWORK QUANTITIES:
CUT: 1,835 CY
FILL: 5 CY
NET: 1,830 CY CUT

*THE EXCAVATION AND EMBANKMENT QUANTITIES ON THESE PLANS ARE APPROXIMATE ONLY AND IS BASED ON COMPARING THE EXISTING GROUND TO THE PROPOSED FINISHED GROUND. NO EARTHWORK VOLUME ADJUSTMENTS WERE MADE DUE TO OVEREXCAVATION AND FOOTING CONSTRUCTION, UTILITY INSTALLATION, PAVEMENT AND SUBGRADE THICKNESS, RIPRAP THICKNESS, LANDSCAPE MATERIALS, ETC. NO ALLOWANCE HAS BEEN MADE FOR SHRINK OR SWELL.

UTILITY ACKNOWLEDGEMENTS

| | |
|--|-------------------|
| GLORIA SESMAS - E-MAIL ARIZONA WATER COMPANY | 8/19/2022 DATE |
| MICHAEL PLACENCIA - LETTER SOUTHWEST GAS | 6/22/2022 DATE |
| BRYAN GOSLIN - LETTER ARIZONA PUBLIC SERVICE | 8/8/2022 DATE |
| JOSH DERHAMMER - LETTER CITY OF MIAMI (SEWER) | 5/6/2022 DATE |

ACKNOWLEDGEMENT

(REPRESENTATIVE/AGENT)
I HAVE REVIEWED THE PLANS AND SPECIFICATIONS AND UNDERSTAND MY OPERATION AND MAINTENANCE RESPONSIBILITIES. I ACCEPT AND APPROVE THEM FOR THE CONSTRUCTION OF THIS PROJECT

SIGNATURE _____ DATE _____
TITLE _____

AS-BUILT

CONSTRUCTION INFORMATION
CONTRACTOR _____
CONSTRUCTION COMPLETION DATE _____
CONTRACTOR'S SURVEYOR _____

ACCEPTANCE

(GOVERNMENT REPRESENTATIVE)
NRCS ACCEPTS THIS PRACTICE(S) FOR CERTIFICATION
SIGNATURE _____ DATE _____
TITLE _____



| DATE | DESCRIPTION | REVISION |
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To the best of my professional knowledge, judgment and belief, these plans meet the applicable ARCS standards.

| | | | | | |
|------------------|-----------------|------------|----------------|-------------|--------------|
| JOB NO: P3574.03 | DATE: 8/11/2022 | SCALE: N/A | DRAWN: CRP/GCC | DESIGN: JBL | CHECKED: JBL |
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BLOODY TANKS WASH CHANNEL
REHABILITATION PLANS
COVER

DRAWING NO.
CO-01

| SHT NO. | OF |
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| 1 | 5 |

GENERAL NOTES

THE WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT EDITION(S) OF THE FOLLOWING SPECIFICATIONS AND THESE PLANS.

- M.A.G. UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- M.A.G. UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION.
- A.D.H.S. (A.D.E.G.) ENGINEERING BULLETINS NO. 8 AND 10 (WATER SYSTEMS).
- A.D.H.S. (A.D.E.G.) ENGINEERING BULLETINS NO. 11 AND 12 (SEWAGE WORKS).
- A.W.W.A. STANDARDS.
- M.U.T.C.D. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND DRAWINGS.
- GILA COUNTY ROADWAY DESIGN STANDARDS MANUAL.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF THE ABOVE STANDARDS, SPECIFICATIONS AND DETAILS, AS WELL AS ALL OTHER STANDARDS AND SPECIFICATIONS WHICH MAY BE NECESSARY TO COMPLETELY AND ACCURATELY INTERPRET THESE PLANS.

ALL QUANTITIES SHOWN ARE APPROXIMATE AND ARE FURNISHED SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR INDEPENDENTLY ESTIMATING WORK QUANTITIES.

UNDERGROUND UTILITY LOCATIONS, AS SHOWN ON THESE PLANS, WERE DETERMINED FROM FIELD MEASUREMENTS, CONSTRUCTION PLANS, RECORD PLANS, OR UTILITY MAPS FURNISHED BY OTHERS. LOCATIONS OF UNDERGROUND UTILITIES ARE TO BE REGARDED AS APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH IN THE FIELD THE ACTUAL LOCATIONS OF ALL UNDERGROUND LINES WHICH MAY IN ANY WAY AFFECT THE WORK AND TO FOLLOW ALL ARIZONA BLUE STAKE REGULATIONS.

THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR MAKING COMPLETE AND ACCURATE ON-SITE DETERMINATIONS OF THE LOCATIONS OF ALL UTILITIES, STRUCTURES AND FIELD CONDITIONS, WHICH MAY AFFECT THE PROGRESS OF THE WORK.

WHERE PLANS CALL FOR CONNECTING NEW STRUCTURES TO EXISTING UNDERGROUND PIPES OR STRUCTURES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE, AT THE TIME OF CONSTRUCTION, EXACT SIZES, TYPES AND LOCATIONS OF EXISTING UNDERGROUND IMPROVEMENTS AND TO FURNISH MATERIALS AS NEEDED TO MAKE THE REQUIRED CONNECTIONS.

WHERE THE LOCATION OF EXISTING STRUCTURES ARE INDICATED ON THE PLANS, INDICATED LOCATIONS ARE APPROXIMATE ONLY.

THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHAT PERMITS WILL BE REQUIRED FOR THE WORK AND FOR OBTAINING, AT HIS OWN EXPENSE, ALL PERMITS REQUIRED UNLESS STATED OTHERWISE IN THE SPECIAL PROVISIONS.

THE APPROPRIATE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. "BLUE STAKE" NUMBER IS 1-800-STAKE-IT. THE CONTRACTOR SHALL ALLOW TWO WORKING DAYS AFTER "BLUE STAKE" IS NOTIFIED, BEFORE COMMENCING ANY EXCAVATION WORK IN THE PROXIMITY OF BURIED UTILITIES.

WATER AND SEWER

AT LEAST 48 HOURS PRIOR NOTICE IS REQUIRED BEFORE DISRUPTING EXISTING UTILITY SERVICE TO MAKE CONNECTIONS. THE NOTICE MUST INCLUDE THE EXACT TIME OF THE DISRUPTION OF SERVICE AND THE EXPECTED DURATION OF THE LOSS OF SERVICE.

GILA COUNTY DRAINAGE NOTES:

- EXCAVATING CONTRACTOR MUST GIVE THE LOCATION FOR WASTING EXCESS EXCAVATED MATERIAL AND A LETTER FROM THE OWNER OF THE PROPERTY GIVING PERMISSION FOR DUMPING PRIOR TO STARTING CONSTRUCTION. IF EXCESS EXCAVATION EXCEEDS 100 CUBIC YARDS, THE DISPOSAL SITE ALSO WILL REQUIRE A GRADING AND DRAINAGE PERMIT.
- GILA COUNTY ENGINEERING DEPARTMENT SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- GRADES SHOWN ON PLANS ARE DESIGN FINISH GRADES. SHOULD THE CONTRACTOR OR A SUBCONTRACTOR PLAN TO PLACE SPOIL DIRT FROM UTILITY TRENCHES, DRAINAGE EXCAVATION OR STRUCTURAL EXCAVATION WITHIN THE SIDE SLOPE LIMITS, THE AREA SHOULD BE SUFFICIENTLY OVER-EXCAVATED DURING ROUGH GRADING OPERATION TO ALLOW FOR THE PLACEMENT OF THE FILL. ALL EXCAVATED MATERIAL SHALL MEET THE GEOTECHNICAL RECOMMENDATION AND CRITERIA FOR APPROVED FILL MATERIAL.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND CONFIRMING DEPTHS OF ALL UTILITY LINES WITHIN PROPOSED EXCAVATION AREAS. IF A CONFLICT OCCURS BETWEEN AN EXISTING UTILITY AND A PROPOSED DRAINAGE STRUCTURE, THE CONTRACTOR SHALL NOTIFY THE GILA COUNTY ENGINEERING DEPARTMENT IN WRITING WITHIN 24 HOURS OF IDENTIFYING THE CONFLICT.
- THE ENGINEERING DESIGN ON THESE PLANS ARE ONLY APPROVED BY THE COUNTY IN SCOPE AND NOT IN DETAIL. THE COUNTY DOES NOT VERIFY CONSTRUCTION QUANTITIES ON THESE PLANS. APPROVAL OF THESE PLANS ARE FOR PERMIT PURPOSES ONLY AND SHALL NOT PREVENT THE COUNTY FROM REQUIRING CORRECTION OF ERRORS IN THE PLANS WHERE SUCH ERRORS ARE SUBSEQUENTLY FOUND TO BE IN VIOLATION OF ANY LAW, ORDINANCE, HEALTH, SAFETY, OR OTHER DESIGN ISSUES.
- ALL PLANS REVISED AFTER THE ORIGINAL APPROVAL SHALL BE RE-APPROVED. THE NATURE OF THE REVISIONS ALSO MUST BE CALLED OUT ON THE SHEET THAT THE REVISION APPEARS. THE REVISION NUMBER ITSELF SHALL CONSIST OF A NUMERAL WITHIN A TRIANGLE AND THE REVISION ON THE PLANS SHALL BE HIGHLIGHTED WITH "CLOUDING". THE CONTRACT DOCUMENTS SHALL BE UPDATED BY REPLACING THE ORIGINAL DRAWING WITH THE REVISED DRAWING. THE REVISED DRAWING SHALL BE PREPARED AND SEALED BY A REGISTERED PROFESSIONAL CIVIL ENGINEER, REGISTERED IN THE STATE OF ARIZONA PER ARS 32-101 (ET. SEQ.).
- IF THE DRAINAGE IMPROVEMENTS ARE ADJACENT TO HILLSIDE AREAS, NO DISTURBANCE OF HILLSIDE AREAS FOR ACCESS, GRADING OR OTHER CONSTRUCTION PURPOSES WILL BE ALLOWED

SURVEY NOTES

DATES OF SURVEY: DECEMBER 15TH, 2021 THROUGH MARCH 30TH, 2022
 US STATE PLANE 1983
 COORDINATE SYSTEM: ARIZONA STATE PLANE EAST
 ZONE: NAD83 2011 (EPOCH 2010)
 HORIZONTAL DATUM: NAVD88
 VERTICAL DATUM: NAVD88
 GEIOD: GEIOD 12B
 COORDINATE UNITS: INTERNATIONAL FEET
 DISTANCE UNITS: INTERNATIONAL FEET
 ELEVATION UNITS: INTERNATIONAL FEET

PRIMARY CONTROL POINT INFO

POINT: GLOBE CORS
 STATION CODE: AZGB
 LAT: N 33° 23' 43.27680"
 ARIZONA STATE PLANE EAST
 LON: W 110° 46' 17.19137"
 HEIGHT: 1098.682'
 SENSOR TYPE: TRIMBLE NETRS

| SITE CONTROL POINTS | | | | |
|---------------------|------------|------------|-----------|--|
| PT ID | NORTHING | EASTING | ELEVATION | DESCRIPTION |
| 124 | 872619.918 | 483986.108 | 3421.406 | RB 5-BIN SET S OF KNIGHTS PRKNG LOT |
| 125 | 873022.098 | 484633.286 | 3414.358 | RB 5-BIN SET N OF LOS GILBERTS PRKNG LOT |
| 126 | 873951.632 | 486130.313 | 3400.763 | RB 5-BIN SET N OF MATHESON PRKNG LOT |
| 127 | 871236.631 | 482802.149 | 3439.109 | RB 5-BIN SET BY WM OF COPPER MTN MOTORSPORTS |

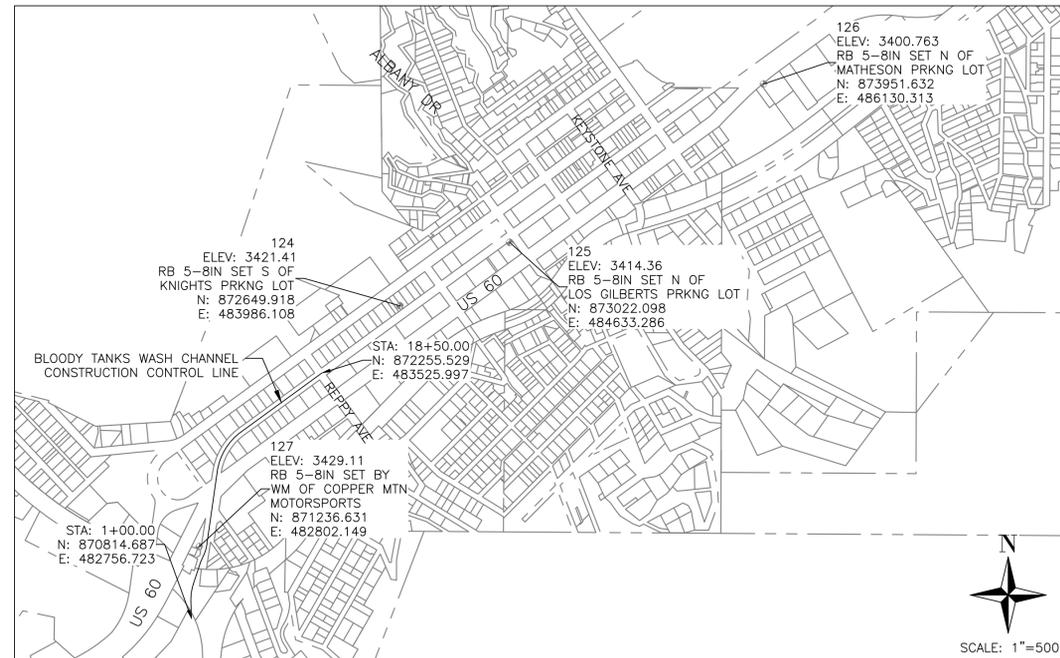
LOCATION DESCRIPTIONS

124 TWO FEET NORTH OF NORTHERLY WALL OF WASH AND THREE FEET SOUTH OF KNIGHTS OF COLOMBUS PARKING LOT.

125 TWO FEET SOUTH OF SOUTHERLY WALL OF WASH AND FORTY-FIVE FEET WEST OF CENTERLINE OF CORDOVA AVENUE.

126 TWO FEET SOUTH OF SOUTHERLY WALK OF US-60 AND TWENTY-FIVE FEET EAST OF CENTERLINE OF WESTERLY GATE OF 211 HIGHWAY 60 (MATHESON).

127 FORTY-FIVE FEET SOUTHEASTERLY OF SOUTHEAST CURB OF US-60 AND FORTY FEET NORTHEASTERLY OF 1255 LIVE OAK STREET BUILDING (COPPER MOUNTAIN MOTORSPORTS).



SURVEY CONTROL

LEGEND

- EXISTING FEATURES**
- MAJOR CONTOUR (10' INTERVAL)
 - MINOR CONTOUR (2' INTERVAL)
 - 2280 LABELS ON MAJOR CONTOURS ARE NAVD88
 - 2282 LABELS ON MINOR CONTOURS ARE NAVD88
 - PARCEL LINE
 - CITY LIMITS
 - 206-203-102 PARCEL LABEL
 - S-S EXISTING SANITARY SEWER
 - S-S-S-S ABANDONED SANITARY SEWER
 - ⊙ EXISTING SEWER MANHOLE
 - W-W EXISTING WATER
 - G-G EXISTING GAS LINE
 - OHE-OHE EXISTING OVERHEAD ELECTRIC
 - COM-COM EXISTING COMMUNICATIONS

DESIGN FEATURES

- PROPOSED MAJOR CONTOURS (10' INTERVAL)
- PROPOSED MINOR CONTOURS (2' INTERVAL)
- PROPOSED GRADING LIMITS
- PROPOSED TOE OF SLOPE



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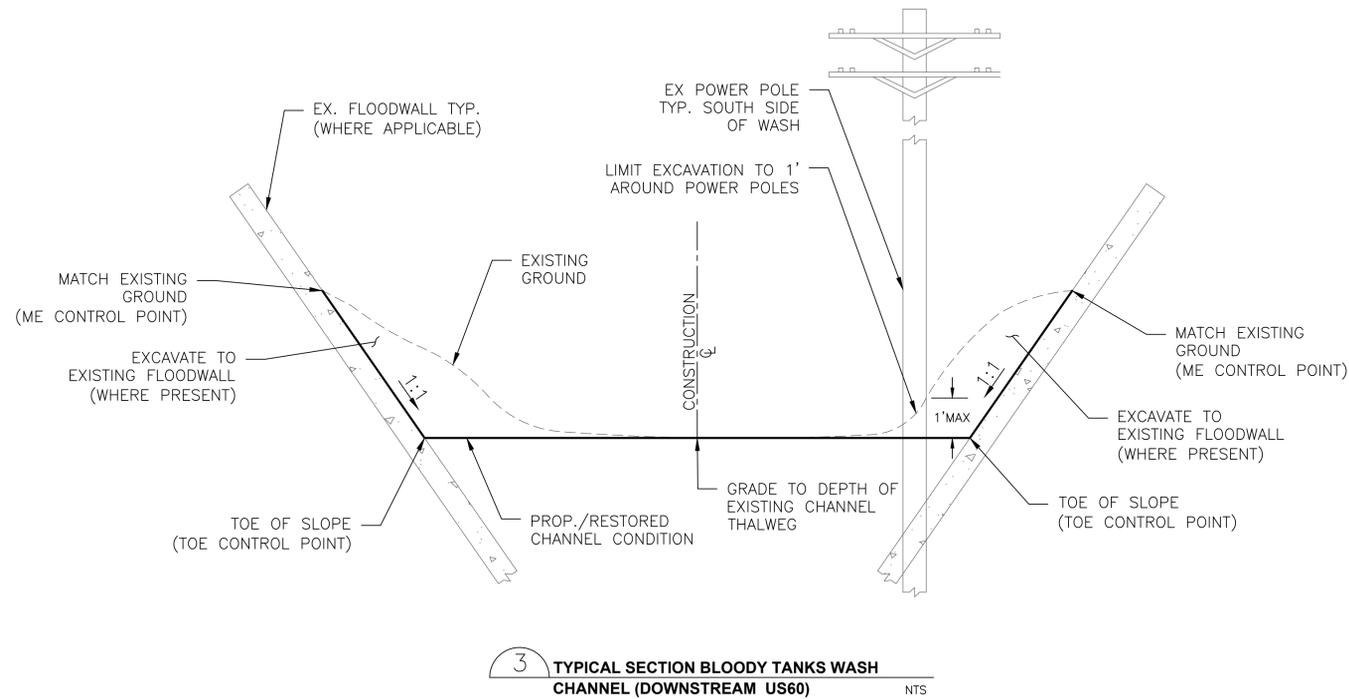
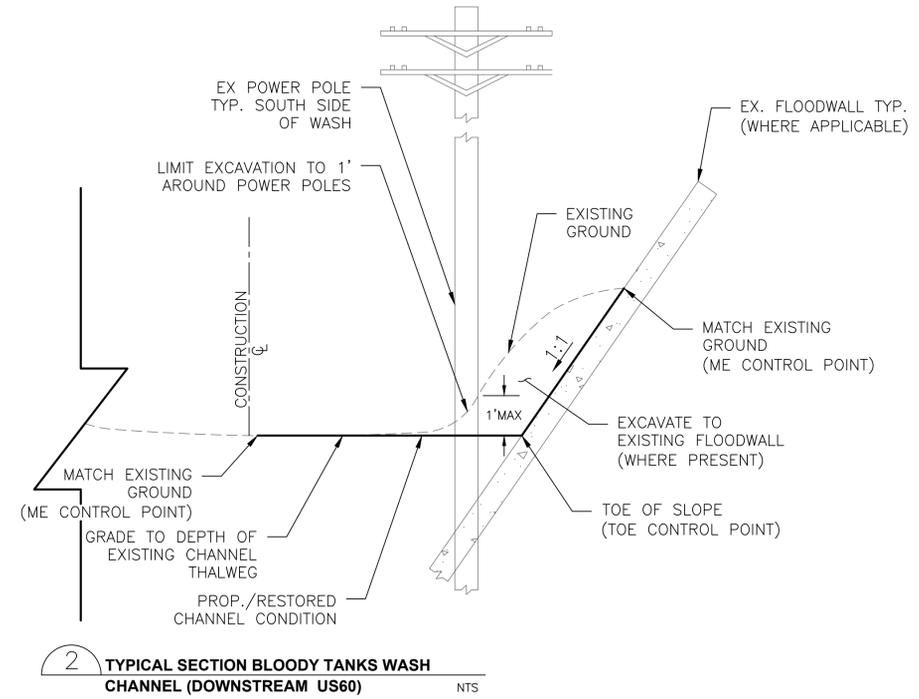
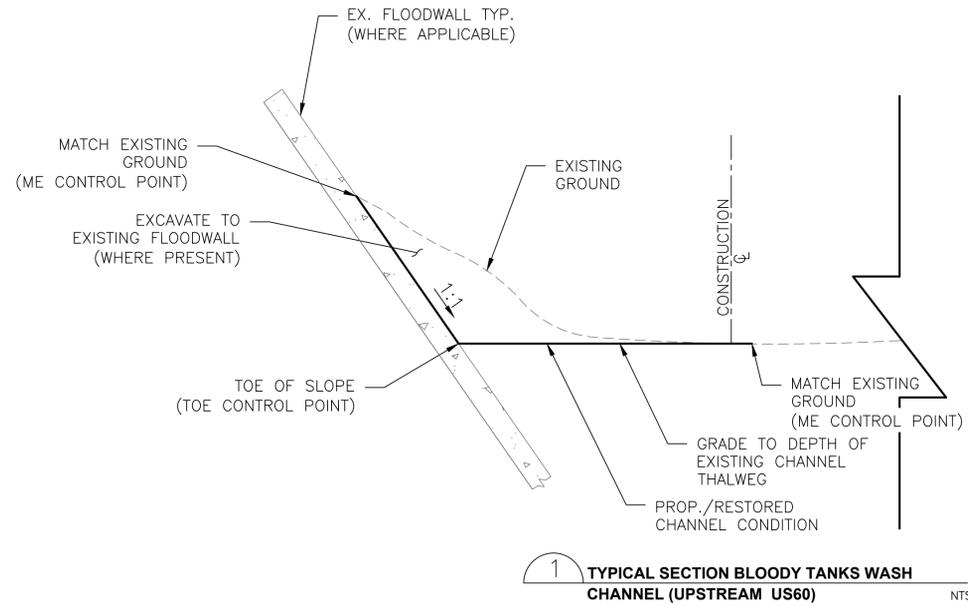
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BLOODY TANKS WASH CHANNEL REHABILITATION PLANS

GENERAL NOTES

DRAWING NO.
NO-01

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BLOODY TANKS WASH CHANNEL REHABILITATION PLANS
DETAILS

DRAWING NO.
DT-01

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