GENERAL PROJECT NOTES:

1. EXISTING Topography, Structures, and Site Features are shown screened and/or Light-Lined. New Finish Grade, Structures, and Site Features are shown outlined and/or dark-Lined.

2. MATERIALS, BUILDING OR REPLACE EXISTING SURVEY MONUMENTS, CONTROL POINTS, SURVEY STACKS WHICH ARE DISTURBED OR DESTROYED. PERFORM THE WORK TO PRODUCE THE SAME LEVEL OF ACCURACY AS THE ORIGINAL MONUMENT(S) IN A TIMELY MANNER, AND AT THE CONTRACTOR’S EXPLORATION.

3. VERTICAL DATUM BASED UPON NAVD 88 DATUM, GULF 120

4. HORIZONTAL DATUM BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3 NORTH-AMERICAN DATUM OF 1883 (NAD83) IN FEET.

5. STAGING AREA SHALL BE FOR CONTRACTOR’S EMPLOYED PERSONNEL, CONTRACTOR’S EQUIPMENT AND MATERIALS, SEE SHEET G00. COORDINATES SPECIFIC AREAS WITHIN,INCLUDING:

6. ELEVATIONS GIVEN ARE TO FINISH GRADE UNLESS OTHERWISE SHOWN.

7. SLOPE UNIFORMITY BETWEEN CONTOURS AND SPOT ELEVATIONS SHOWN.

8. A GEOTECHNICAL EVALUATION WAS PERFORMED FOR THIS PROJECT. A 2019 GEOTECHNICAL ENGINEERING EVALUATION REPORT WAS PREPARED BY AECOM TECHNICAL SERVICES AND CDM SMITH. A GEOTECHNICAL MIND WAS PREPARED BY CDM SMITH BASED ON THE REVIEW OF THE LARGER REPORT FOR THIS PROJECT AND IS ATTACHED TO THE PROJECT SPECIFICATIONS.

9. ALL MATERIALS INSTALLED ON THIS PROJECT AND IS ATTACHED TO THE PROJECT SPECIFICATIONS.

10. CONTRACTOR SHALL KEEP CONSTRUCTION ACTIVITIES WITHIN THE SITE BOUNDARIES FOR THIS PROJECT AS SHOWN. THIS INCLUDES BUT IS NOT LIMITED TO, VEHICLES AND EQUIPMENT. LIMITS OF TRENCH EXCAVATION, STOCKPILED EXCAVATED MATERIALS, BACKFILL MATERIAL, AND PIPE MATERIAL.

11. PROVIDE MINIMUM 2.5-Foot COVER OVER WATER MAIN PIPES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

12. CONTRACTOR SHALL KEEP CONSTRUCTION ACTIVITIES WITHIN THE SITE BOUNDARIES FOR THIS PROJECT AS SHOWN. THIS INCLUDES BUT IS NOT LIMITED TO, VEHICLES AND EQUIPMENT. LIMITS OF TRENCH EXCAVATION, STOCKPILED EXCAVATED MATERIALS, BACKFILL MATERIAL, AND PIPE MATERIAL.

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE ON AN ON-SITE MEETING WITH THE PROJECT REPRESENTATIVE PRIOR TO THE START OF WORK.

2. CONTRACTOR SHALL NOTIFY THE PROJECT REPRESENTATIVE WHICH MATERIALS ARE ON SITE OR IF THE WORK IS REQUIRED. NO WORK MAY BEGIN ON ANY PROJECT WITHOUT TWENTY-FOUR (24) HOUR NOTICE.

3. ALL MATERIALS FURNISHED OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCIES. AT THE REQUEST OF THE APPROVING AGENCY OR THE DESIGN ENGINEER, CONTRACTOR SHALL FURNISH PROOF THAT ALL MATERIALS INSTALLED ON THIS PROJECT MEET THE SPECIFICATION REQUIREMENTS.

4. WORK SUBJECT TO APPROVAL BY ENGINEER MUST BE APPROVED PRIOR TO (A) BASED ON GENERATION OF PIPE; (B) PLACE OF AGGREGATE BASE; (C) PLACE OF CONCRETE; (D) PLACE OF ASPHALT PAVING; (E) OR AS OTHERWISE SPECIFIED.

5. ANY DEVIATION FROM THE APPROVED PLANS AND SPECIFICATIONS MUST HAVE DESIGN ENGINEER AND OWNER APPROVAL IN WRITING PRIOR TO CONSTRUCTION.

6. ALL DISTURBED SURFACES SHALL BE RETURND TO ORIGINAL OR BETTER CONDITIONS.

GENERAL YARD PIPING AND UTILITIES NOTES:

1. EXISTING UNDERGROUND UTILITIES OBTAINED FROM AS-BUILTS AND FROM TOPOGRAPHIC FIELD SURVEY PROVIDED BY KRRP. CONTRACTOR SHALL VERIFY DEPTH AND LOCATION PRIOR TO EXCAVATION. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. IF EXISTING UTILITIES (GAS, ELECTRIC, POTABLE WATER, ETC.) ARE IN CONFLICT WITH THE PIPELINE REALIGNMENT OR TRENCH ALIGNMENT, CONTRACTOR SHALL CONTACT ENGINEER.

2. EXISTING PIPING AND EQUIPMENT ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW PIPING AND EQUIPMENT ARE SHOWN SCREENED AND/OR LIGHT-LINED.

3. ALL PIPES SHALL HAVE CONSTANT UNIFORM SLOPE.

4. THE HORIZONTAL SEPARATION OF POTABLE WATER MAINS AND NON-POTABLE WATER MAINS (SANITARY SEWER, STORM DRAIN, AND IRRIGATION) SHALL BE A MINIMUM OF TEN (10) FEET OUTSIDE OF PIPE TO OUTSIDE OF PIPE. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION NO. 185, CALIFORNIA ADMINISTRATION CODE.

5. CONTRACTOR SHALL REPAIR ALL EXISTING SURFACES, UTILITIES, BUILDINGS AND FOUNDATIONS IMPACTED BY CONSTRUCTION.

6. ALL VALVES SET FLUSH WITH GRADE SHALL HAVE BOXES AND COLLARS.