EXHIBIT 8: ROADWAYS - 4 LANE MINOR ARTERIAL, 4 LANE COLLECTOR WITH PARKING
EXHIBIT 9: ROADWAYS - 4 LANE COLLECTOR WITHOUT PARKING, 2 LANE COLLECTOR W/ PARKING
LEGEND

- B - Bluepoint fine sand, hummocky
- B2C - Bluepoint loamy fine sand, 1 to 9 percent slopes
- B2D - Bluepoint-Kokan association, billy
- LB - Latane sandy loam, 1 to 5 percent slopes
- MB - Maduree loamy fine sand, 1 to 5 percent slopes
- MBW - Maduree-Wink association, gently sloping
- PAC - Pajito loamy fine sand, 1 to 9 percent slopes
- To - Tome very fine sandy loam
- WA - Wink fine sandy loam, 0 to 5 percent slopes

NOTES

1. ALL SOIL TYPES LOCATED ON SANTOLINA ARE DEVELOPABLE WITH PROPER REMEDIATION.
2. SOIL SURVEY IS APPROXIMATE AND ILLUSTRATIVE, SUBJECT TO CHANGE
3. APPROXIMATE 27 SOIL BORINGS WERE CONDUCTED. NO BEDROCK OR GROUNDWATER WAS ENCOUNTERED IN THE 20’ - 60’ DEEP BORINGS.
4. ALL BORINGS REVEALED PRIMARILY SANDY SOIL CONDITIONS WITH OCCASIONAL CLAY LENSES.
5. SITE SOILS ARE SUITABLE FOR STORMWATER INFILTRATION & PERCOLATION.
6. LOW K-VALUE TEST RESULTS SUGGEST SANTOLINA PAVEMENT SECTIONS MAY BE THICKER THAN COUNTY AVERAGES.
NOTES:

1. WITH DEVELOPMENT OF BASINS B, FLOW ACROSS 140 FROM OFFSITE BASINS A AND B WILL BE CUT OFF AND RETAINED UPSTREAM OF 140 (IE, WITHIN THE OFFSITE BASINS RESPECTIVELY)

2. STORMWATER FACILITIES ARE APPROXIMATE AND ILLUSTRATIVE, SUBJECT TO CHANGE

3. THE DETENTION / RETENTION FACILITIES AND HIGH FLOW CONVEYANCE FACILITIES ARE ILLUSTRATIVE ONLY. FUTURE LEVEL “C” DESIGN REPORTS WILL REFININE THE DRAINAGE CONCEPTS FURTHER

4. CONVEYANCE FACILITIES (SUCH AS ABOVE GROUND CHANNELS) WILL BE DESIGNED AS ENGINEERED NATURAL ARROYOS WITH MULTI PURPOSE USES, WHERE PRACTICAL.

EXHIBIT 14: STORMWATER MANAGEMENT PLAN, 2025
1. WITH DEVELOPMENT OF BASINS B AND C, FLOW ACROSS H0 FROM OFFSITE BASINS A AND B WILL BE CUT OFF AND RETAINED UPSTREAM OF H0 (IE, WITHIN THE OFFSITE BASINS RESPECTIVELY)

2. STORMWATER FACILITIES ARE APPROXIMATE AND ILLUSTRATIVE, SUBJECT TO CHANGE

3. THE DETENTION / RETENTION FACILITIES AND HIGH FLOW CONVEYANCE FACILITIES ARE ILLUSTRATIVE ONLY. FUTURE LEVEL "C" DESIGN REPORTS WILL REFINE THE DRAINAGE CONCEPTS FURTHER

4. CONVEYANCE FACILITIES (SUCH AS ABOVE GROUND CHANNELS) WILL BE DESIGNED AS ENGINEERED NATURAL ARROYOS WITH MULTI PURPOSE USES, WHERE PRACTICAL.
NOTES:

1. THIS PLAN CONCEPTUALLY SHOWS WATER SUPPLY FROM EXISTING WATER FACILITIES IN THE COLLEGE TRUNK (NORTH OF I-40). THE FINAL WATER SUPPLY APPROACH WILL BE SUBJECT TO AGREEMENTS WITH ABCWUA.

2. THIS PLAN IS CONCEPTUAL ONLY. FINAL WATER SYSTEM INFRASTRUCTURE, TIMING OF INFRASTRUCTURE AND CONFIGURATION SHALL BE DETERMINED BY FINAL AGREEMENTS WITH ABCWUA, APPROPRIATE LEVEL OF DESIGN ANALYSIS REPORTS AND ACTUAL DESIGN EFFORTS, APPROVED BY THE WATER AUTHORITY.

3. ALL WATER LINE ALIGNMENTS ARE APPROXIMATE AND ILLUSTRATIVE, SUBJECT TO CHANGE.

4. THE WESTERN PORTION OF THE INDUSTRIAL & ENERGY PARK LIES ABOVE WATER ZONE 7W. FINAL SERVICE CONFIGURATION SHALL BE BASED ON ACTUAL CIRCUMSTANCES AT THE TIME OF DEVELOPMENT. SERVICE OPTIONS INCLUDE INSTALLATION OF PRIVATE OR PUBLIC BOOSTER STATIONS, SITE GRADING, LAND USES WITH NO WATER USE, OR CONNECTION TO EXISTING LINE IN SHERRY ROAD.

5. INFRASTRUCTURE CAN BE PHASED TO CONFORM TO ACTUAL DEVELOPMENT.

6. LOCALIZED WATER DISTRIBUTION SYSTEM (WATER LINES, VALVES, HYDRANTS, ETC.) NOT SHOWN WILL BE INSTALLED IN ACCORDANCE WITH ABCWUA & COUNTY REQUIREMENTS. MOST STREETS WILL HOLD A WATER LINE.

LEGEND

- PRESSURE REDUCING VALVE
- FUTURE WATER LINE
- PROPOSED WATER LINE
- EXISTING WATER LINE

EXHIBIT 16: WATER SYSTEM, 2025
EXHIBIT 17: WATER SYSTEM, FULL BUILD

NOTES:
1. THIS PLAN CONCEPTUALLY SHOWS WATER SUPPLY FROM EXISTING WATER FACILITIES IN THE COLLEGE TRUNK (NORTH OF I-40). THE FINAL WATER SUPPLY APPROACH WILL BE SUBJECT TO AGREEMENTS WITH ABCWA.

2. THIS PLAN IS CONCEPTUAL ONLY. FINAL WATER SYSTEM INFRASTRUCTURE, TIMING OF INFRASTRUCTURE AND CONFIGURATION SHALL BE DETERMINED BY FINAL AGREEMENTS WITH ABCWA, APPROPRIATE LEVEL C DESIGN ANALYSIS REPORTS AND ACTUAL DESIGN EFFORTS, APPROVED BY THE WATER AUTHORITY.

3. ALL WATER LINE ALIGNMENTS ARE APPROXIMATE AND ILLUSTRATIVE, SUBJECT TO CHANGE.

4. THE WESTERN PORTION OF THE INDUSTRIAL & ENERGY PARK LIES ABOVE WATER ZONE 7W. FINAL SERVICE CONFIGURATION SHALL BE BASED ON ACTUAL CIRCUMSTANCES AT THE TIME OF DEVELOPMENT. SERVICE OPTIONS INCLUDE INSTALLATION OF PRIVATE OR PUBLIC BOOSTER STATIONS, SEE GRADING, LAND USES WITH NO WATER USE, OR CONNECTION TO EXISTING LINE IN SHELLY ROAD.

5. INFRASTRUCTURE CAN BE PHASED TO CONFORM TO ACTUAL DEVELOPMENT.

6. LOCALIZED WATER DISTRIBUTION SYSTEM (WATER LINES, VALVES, HYDRANTS, ETC.) NOT SHOWN WILL BE INSTALLED IN ACCORDANCE WITH ABCWA & COUNTY REQUIREMENTS. MOST STREETS WILL HOLD A WATER LINE.

LEGEND

- **P** PRESSURE REDUCING VALVE
- **PROPOSED WATER LINE**
- **EXISTING WATER LINE**
NOTES:

1. THIS PLAN IS CONCEPTUAL ONLY. FINAL SEWER SYSTEM INFRASTRUCTURE, TIMING OF INFRASTRUCTURE AND CONFIGURATION SHALL BE DETERMINED BY FINAL AGREEMENTS WITH ABCWA, APPROPRIATE LEVEL C DESIGN ANALYSIS REPORTS AND ACTUAL DESIGN EFFORTS, APPROVED BY THE WATER AUTHORITY.

2. ALL SEWER LINE ALIGNMENTS AND SIZES ARE APPROXIMATE AND ILLUSTRATIVE, SUBJECT TO CHANGE.

3. PRIOR TO EXTENSION OF PUBLIC SEWER LINES, THE INDUSTRIAL & ENERGY PARK SHALL BE SERVED BASED ON PERTINENT CIRCUMSTANCES AT THE TIME OF ACTUAL DEVELOPMENT. SERVICE OPTIONS INCLUDE:
   (A) TEMPORARY PUMPING TO PREVIOUSLY INSTALLED SEWERS
   (B) ONSITE TREATMENT & DISPOSAL SYSTEMS.
   SEE ALSO NOTE 1.

4. LOCALIZED SANITARY SEWER DISTRIBUTION SYSTEM (SANITARY LINES, MANHOLES, ETC.) NOT SHOWN WILL BE INSTALLED IN ACCORDANCE WITH ABCWA & COUNTY REQUIREMENTS. MOST STREETS WILL HOLD A SEWER LINE.
NOTES:

1. THIS PLAN IS CONCEPTUAL ONLY. FINAL SEWER SYSTEM INFRASTRUCTURE TIMING OF INFRASTRUCTURE AND CONFIGURATION SHALL BE DETERMINED BY FINAL AGREEMENTS WITH ARCWUA. APPROPRIATE LEVEL C DESIGN ANALYSIS REPORTS AND ACTUAL DESIGN EFFORTS APPROVED BY THE WATER AUTHORITY.

2. ALL SEWER LINE ALIGNMENTS AND SIZES ARE APPROXIMATE AND ILLUSTRATIVE, SUBJECT TO CHANGE.

3. PRIOR TO EXTENSION OF PUBLIC SEWER LINES, THE INDUSTRIAL & ENERGY PARK SHALL BE SERVED BASED ON PERTINENT CIRCUMSTANCES AT THE TIME OF ACTUAL DEVELOPMENT. SERVICE OPTIONS INCLUDE:
   (A) CONSTRUCTION OF POTENTIAL SEWER INTERCEPTOR (NEAR SOUTH & WEST BOUNDARY )
   (B) TEMPORARY PUMPING TO EXISTING SYSTEMS TO THE EAST (IN BUSINESS PARK)
   (C) ONSITE TREATMENT & DISPOSAL SYSTEMS.
   SEE ALSO NOTE 1.

4. LOCALIZED SANITARY SEWER DISTRIBUTION SYSTEM (SANITARY LINES, MANHOLES, ETC.) NOT SHOWN WILL BE INSTALLED IN ACCORDANCE WITH ARCWUA & COUNTY REQUIREMENTS. MOST STREETS WILL HOLD A SEWER LINE.
NOTES:
1. WITH DEVELOPMENT OF THE MASTER PLAN AREA, ADDITIONAL UTILITY FACILITIES WILL BE REQUIRED AND PLANNED
2. EXISTING DRY UTILITIES FACILITIES ARE APPROXIMATE AND ILLUSTRATIVE, SUBJECT TO CHANGE
3. ONLY A SCHEMATIC FUTURE GAS SYSTEM IS PROVIDED AT THIS TIME. AN ELECTRIC SYSTEM SCHEMATIC WILL BE PROVIDED WITH FUTURE LEVEL 18 MASTER PLANS.

LEGEND
- 8-12’ GAS LINE
- EXISTING SUBSTATION
- EXISTING ELECTRIC TRANSMISSION LINE
- EXISTING GAS LINE
- GAS BORDER STATION
- GAS REGULATOR STATION

EXHIBIT 21: DRY UTILITIES
EXHIBIT 23: PUBLIC SCHOOL LOCATIONS