

Figure 12

INFRASTRUCTURE LIST

EXHIBIT "A"  
 TO SUBDIVISION IMPROVEMENTS AGREEMENT  
 DEVELOPMENT REVIEW BOARD (D.R.B.) REQUIRED INFRASTRUCTURE LIST  
 DEL WEBB AT MIREHAVEN PHASE 1  
 (TRACT N-2-A, WATERSHED)

Following is a summary of PUBLIC/PRIVATE infrastructure required to be constructed or financially guaranteed for the above development. This listing is not necessarily a complete listing. During the SIA process and/or in the review of the construction drawings, if the DRC Chair determines that appurtenant items and/or unforeseen items have not been included in the infrastructure listing, the DRC Chair may include those items in the listing and related financial guarantee. Likewise, if the DRC Chair determines that appurtenant or non-essential items can be deleted from the listing, those items may be deleted as well as the related portions of the financial guarantees. All such revisions require approval by the DRC Chair, the User Department and agent/owner. If such approvals are obtained, these revisions to the listing will be incorporated administratively. In addition, any unforeseen items which arise during construction which which are necessary to complete the project and which normally are the Subdivider's responsibility will be required as a condition of project acceptance and close out by the City.

SIA Sequence #	COA DRC Project #	Size	Type of Improvement	Location	From	To	Private Inspector	City Inspector	City Cnst Engineer
			PUBLIC WATERLINE IMPROVEMENTS - (VIA A PUBLIC WATERLINE EASEMENT WITH HOA TRACT N-2-A-3 UNLESS NOTED; PRIVATE STREETS)						
		12" DIA (4W) & 10" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	MIREHAVEN PARKWAY (PUBLIC ROW)	TERRA PINTADA BLVD	REDONDO PEAK DR (3WR) & DEL WEBB BLVD (BOTH)	/	/	/
		6" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	MIREHAVEN PARKWAY (PUBLIC ROW)	REDONDO PEAK DRIVE	150' SOUTH OF DEL WEBB BLVD	/	/	/
		12" DIA (4W) & 10" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	DEL WEBB BLVD	MIREHAVEN PARKWAY	COYOTE CREEK TRAIL	/	/	/
		12" DIA (4W)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	DEL WEBB BLVD	COYOTE CREEK TRAIL	CEBOLLA CREEK WAY	/	/	/
		8" DIA (4W)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	CEBOLLA CREEK WAY	DEL WEBB BLVD	IRON CREEK LANE	/	/	/
		8" DIA (4W)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	CEBOLLA CREEK WAY	IRON CREEK LANE	CEBOLLA CREEK WAY SOUTH TERMINUS	/	/	/
		6" DIA (4W)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	GOOSE LAKE TRAIL	DEL WEBB BLVD	IRON CREEK LANE	/	/	/
		8" DIA (4W) & 8" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	BEAR LAKE WAY (BOTH 4W & 3WR)	DEL WEBB BLVD (4W) COYOTE CREEK TRAIL (3WR)	WILLOW CANYON TRAIL (BOTH 4W & 3WR)	/	/	/
		8" DIA (4W)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	IRON CREEK LANE	CEBOLLA CREEK WAY	BEAR LAKE WAY	/	/	/
		6" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	COYOTE CREEK TRAIL	DEL WEBB BLVD	BEAR LAKE WAY	/	/	/
		6" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	CAVE CREEK LANE	FALLS CREEK TRAIL	BEAR LAKE WAY	/	/	/
		6" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	FALLS CREEK TRAIL	CAVE CREEK LANE	WILLOW CANYON TRAIL	/	/	/
		8" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	FALLS CREEK TRAIL & PUBLIC WATERLINE EASEMENT	WILLOW CANYON TRAIL	MIREHAVEN PARKWAY	/	/	/
		8" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	WILLOW CANYON TRAIL	BEAR LAKE WAY	DEL WEBB BLVD	/	/	/
		8" DIA (4W) & 8" DIA (3WR)	WATERLINE W/ NEC. VALVES FHS, MJS & RJS	WILLOW CANYON TRAIL	BEAR LAKE WAY	WILLOW CANYON TRAIL SOUTH TERMINUS	/	/	/
			NOTE: A PRESSURE REDUCTION VALVE / VAULT (PRV) SHALL BE REQUIRED PER THE ABCWUA AT A LOCATION AGREED UPON BY BOTH PULTE AND THE ABCWUA OR AT THE PRESSURE ZONE BDRY.						

COA DRC Project #	SIA Sequence #	Size	Type of Improvement	Location	From	To	Private Inspector	City Inspector	City Chst Engineer
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	PUBLIC EASEMENT OR ROW VIA TRACT N-2-E	MIREHAVEN PARKWAY & DEL WEBB BLVD INTERSECTION	TIERRA PINTADA BLVD	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	DEL WEBB BLVD	MIREHAVEN PARKWAY	CEBOLLA CREEK WAY	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	CEBOLLA CREEK WAY	CEBOLLA CREEK WAY SOUTH TERMINUS	DEL WEBB BLVD	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	GOOSE LAKE TRAIL	LOT 81	DEL WEBB BLVD	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	IRON CREEK LANE	LO 112	BEAR LAKE WAY	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	BEAR LAKE WAY	IRON CREEK LANE	DEL WEBB BLVD	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	BEAR LAKE WAY	LOT 121	WILLOW CANYON TRAIL	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	COYOTE CREEK TRAIL	LOT 47	DEL WEBB BLVD	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	CAVE CREEK LANE	LOT 40	FALLS CREEK TRAIL	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	FALLS CREEK TRAIL	CAVE CREEK LANE	WILLOW CANYON TRAIL	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	FALLS CREEK TRAIL	FALLS CREEK TRAIL EAST CUL DE SAC TERMINUS	WILLOW CANYON TRAIL	/	/	/
		8" DIA	SANITARY SEWER W/ NEC. MHS & SERVICES	WILLOW CANYON TRAIL	WILLOW CANYON TRAIL SOUTH TERMINUS	DEL WEBB BLVD	/	/	/

COA DRC Project #	SIA Sequence #	Size	Type of Improvement	Location	From	To	Private Inspector	City Inspector	City Chst Engineer
		48-54" DIA	PUBLIC STORM DRAIN IMPROVEMENTS - VIA A PUBLIC SD TRM DRAIN EASEMENT W/IN HOA TRACT N-2-A-3 UNLESS NOTED; PRIVATE STREETS	RCP W/ NEC. MHS, LATERALS & INLETS	MIREHAVEN PARKWAY	WILLOW CANYON TRAIL	/	/	/
		48-54" DIA	RCP W/ NEC. MHS, LATERALS & INLETS	WILLOW CANYON TRAIL	MIREHAVEN ARROYO	WILLOW CANYON TRAIL SOUTH TERMINUS	/	/	/
		48" DIA	RCP W/ NEC. MHS, LATERALS & INLETS	PUBLIC SD EASEMENT ON TRACTS N-2-A-1 & N-2-A-17	MIREHAVEN ARROYO	DEL WEBB BLVD	/	/	/
		18-48" DIA	RCP W/ NEC. MHS, LATERALS & INLETS	DEL WEBB BLVD	PUBLIC SD EASEMENT ON TRACTS N-2-A-1 & N-2-A-17	CEBOLLA CREEK WAY	/	/	/
		18-30" DIA	RCP W/ NEC. MHS, LATERALS & INLETS	CEBOLLA CREEK WAY	LOT 100 / 101 PL CEBOLLA CREEK WAY	DEL WEBB BLVD	/	/	/
		18-24" DIA	RCP W/ NEC. MHS, LATERALS & INLETS	BEAR LAKE WAY & COYOTE CREEK TRAIL	WIN 100 FEET OF THE INTRSCN OF DEL WEBB BLVD	DEL WEBB BLVD	/	/	/
		*70"-100" WIDE	NECESSARY ARROYO/CHANNEL IMPROVEMENTS W/ SD STUBS &	PUBLIC SD EASEMENT ON TRACTS N-2-A-1	TIERRA PINTADA BLVD	WEST BDRY OF TRACTS N-2-A-1	/	/	/
		LOMR	A FEMA LETTER OF MAP REVISION IS REQUIRED; A SPECIFIED FINANCIAL GUARANTY AMOUNT OF \$50,000 IS REQUIRED UNTIL AN APPROVED LOMR IS PROVIDED BY FEMA FOR THE MIREHAVEN ARROYO.				/	/	/
		5" CHANNEL	5 FT WIDE PCC PRIVATE DRAINAGE CHANNEL W/IN TRACT N-2-A-2 & N-2-A-4 FROM LOT 107 TO THE MIREHAVEN ARROYO				/	/	/
		NOTE:	PRIVATE FACILITIES COVENANT FOR 5 FT WIDE PCC PRIVATE DRAINAGE CHANNEL W/IN TRACT N-2-A-2 & N-2-A-4				/	/	/
			A MAINTENANCE AGREEMENT & EASEMENT IS REQUIRED FOR THE MIREHAVEN ARROYO.				/	/	/
			GRADING & DRAINAGE CERTIFICATION OF THE APPROVED GRADING PLAN IS REQUIRED PRIOR TO THE RELEASE OF FINANCIAL GUARANTEES				/	/	/

S/A Sequence #	COA DRC Project #	Size	Type of Improvement	Location	From	To	Private Inspector	City Inspector	City Cnst Engineer
			PUBLIC ROADWAY IMPROVEMENTS - ON-SITE.						
		22' F-F (WB) 32' F-F (EB) 12' MEDIAN	RESIDENTIAL PAVING W/ PCC CURB & GUTTER; 10' N SIDE & 4' S SIDE PCC SIDEWALK* & 6' BIKE LANE ON BOTH SIDES	MIREHAVEN PARKWAY (Major Local)	TIERRA PINTADA BLVD	220 FT WEST OF TIERRA PINTADA BLVD	/	/	/
		22' F-F (WB/EB) MEDIAN WIDTH VARIES (>10')	RESIDENTIAL PAVING W/ PCC CURB & GUTTER; 10' WIDE PCC SIDEWALK* N SIDE ONLY 6' BIKE LANE ON BOTH SIDES	MIREHAVEN PARKWAY (Major Local)	220 FT WEST OF TIERRA PINTADA BLVD	220 FT NORTH DEL WEBB BLVD	/	/	/
		32' F-F (WB) 22' F-F (EB) 8' MEDIAN	RESIDENTIAL PAVING W/ PCC CURB & GUTTER; 10' WIDE PCC SIDEWALK* N SIDE ONLY 6' BIKE LANE ON BOTH SIDES	MIREHAVEN PARKWAY (Major Local)	220 FT NORTH DEL WEBB BLVD	DEL WEBB BLVD	/	/	/
		22' F-F (WB/EB) 8' MEDIAN	RESIDENTIAL PAVING W/ PCC CURB & GUTTER; 10' WIDE PCC SIDEWALK* N SIDE ONLY 6' BIKE LANE ON BOTH SIDES	MIREHAVEN PARKWAY (Major Local)	DEL WEBB BLVD	MIREHAVEN PARKWAY TRACT N-2-E-3 S BDRY	/	/	/
		22' F-F (OUT) 20' F-F (IN) MEDIAN VARIES	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	DEL WEBB BLVD (TRACT N-2-A-3; PRIVATE ST) (Normal Local Residential)	MIREHAVEN PARKWAY	WILLOW CANYON TRAIL	/	/	/
		32' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	DEL WEBB BLVD (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	WILLOW CANYON TRAIL	COYOTE CREEK TRAIL	/	/	/
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	DEL WEBB BLVD (TRACT N-2-A-3; PRIVATE ST)	COYOTE CREEK TRAIL	CEBOLLA CREEK WAY	/	/	/
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	CEBOLLA CREEK WAY (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	DEL WEBB BLVD	CEBOLLA CREEK WAY SOUTH TERMINUS	/	/	/
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	GOOSE LAKE TRAIL (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	DEL WEBB BLVD	IRON CREEK LANE	/	/	/
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	BEAR LAKE WAY (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	DEL WEBB BLVD	WILLOW CANYON TRAIL	/	/	/
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	IRON CREEK LANE (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	CEBOLLA CREEK WAY	BEAR LAKE WAY	/	/	/
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	COYOTE CREEK TRAIL (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	DEL WEBB BLVD	BEAR LAKE WAY	/	/	/
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	CAVE CREEK LANE (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	BEAR LAKE WAY	FALLS CREEK TRAIL	/	/	/
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	FALLS CREEK TRAIL (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	CAVE CREEK LANE	WILLOW CANYON TRAIL	/	/	/

SIA Sequence #	COA DRC Project #	Size	Type of Improvement	Location	From	To	Private Inspector	City Inspector	City Cost Engineer
		28' F-F	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	FALLS CREEK TRAIL (TRACT N-2-A-3; PRIVATE ST) (Access Local Residential)	WILLOW CANYON TRAIL	FALLS CREEK TRAIL EAST CUL DE SAC TERMINUS	/	/	/
		16' F-F (NB/SB) 4' MTBL MEDIAN	RESIDENTIAL PAVING W/ PCC CURB & GUTTER & PCC 4' WIDE SIDEWALK* ON BOTH SIDES	WILLOW CANYON TRAIL (TRACT N-2-A-3; PRIVATE ST) (Normal Local Residential)	NORTH BDRY OF LOT 159	WILLOW CANYON TRAIL SOUTH TERMINUS	/	/	/
		12' WIDE LT TURN LANE	ARTERIAL PAVING W/ PCC MEDIAN C&G; R/W & DISPS OF EXISTING C&G	TIERRA PINTADA BLVD (Minor Arterial)	MIREHAVEN PARKWAY	150 FT SOUTH OF MIREHAVEN PARKWAY	/	/	/
		8' WIDE TRAIL	PCC TRAIL*	TRACT N-2-A-8	CEBOLLA CREEK WAY	WILLOW CANYON TRAIL	/	/	/
		8' WIDE TRAIL	PCC TRAIL*	TRACT N-2-A-9	BEAR LAKE WAY	DEL WEBB BLVD	/	/	/
		8' WIDE TRAIL	ASPHALT OR CRUSHER FINE TRAIL*	TRACTS N-2-A-1 & N-2-A-2	TRACT N-2-A-4	MIREHAVEN PARKWAY	/	/	/
		10' WIDE TRAIL	ASPHALT OR CRUSHER FINE TRAIL*	TRACT N-2-A-4	TRACT N-2-A-2	S. BDRY OF TRACT N-2-A-4	/	/	/

NOTE: A STREETSCAPE AGREEMENT BTWN THE CITY & DEVELOPER IS REQUIRED FOR LANDSCAPING WITHIN PUBLIC ROW. STREET LIGHTS WHERE REQUIRED PER THE COA DPM

\*ALL SIDEWALKS TO BE DEFERRED ALONG FRONTAGE OF LOTS  
 †SIDEWALK TO BE WAIVED ON THE SOUTH SIDE OF MIREHAVEN PARKWAY EXCEPT AS NOTED.  
 \*\*PROVIDE / INSTALL THE NECESSARY ROADWAY SIGNAGE ASSOCIATED W/ THE DEVELOPMENT AS APPROVED BY THE CITY DRC  
 ‡SIDEWALK TO BE WAIVED ALONG DEL WEBB BLVD AND TO BE FINANCIALLY GUARANTEED WITH FUTURE PLATTING

AGENT/OWNER: Kevin G. Patton, P.E.

PREPARED BY: PRINT NAME: Kevin G. Patton, P.E. DATE: 2-12-14

FIRM: BOHANNAN HUSTON INC. DATE: 2/12/14

SIGNATURE: [Signature] DATE: 2-12-14

AMAFCA: Carly S. Demont DATE: 2-12-14

CITY ENGINEER: Ante C. Chen DATE: 2-12-14

DESIGN REVIEW COMMITTEE REVISIONS	
REVISION	AGENT/OWNER