

Greg Collins

From: Murray Hudson <murfh@urbaneng.com>
Sent: Friday, July 13, 2018 10:25 AM
To: Bill Green; Greg Collins
Cc: Xavier Galvan; Chuck Urban; H. A. Reed (reedconst@hotmail.com)
Subject: Puerto Los Caballeros Block 1, lot 1 waiver from wastewater acreage fees
Attachments: wastewater master plan text.pdf; wastewater master plan exhibits.pdf

Bill – Please consider this our request for waiver from wastewater acreage fees on subject tract. We have attached various documents from the Allison Service Area Wastewater Master Plan for your review. From these documents you can see that the subject property is in System 4, sub-basin 39. This area is currently not served by wastewater service by the City of Corpus Christi and will not be served in the foreseeable future. To comply with the master plan will require over 7,000' feet of 10"-12" gravity sewer installation and a new 4.27 MGD lift station and miles of new force main. Obviously these facilities are not installed nor planned to be installed. Therefore we comply with section 8.2.7. Wastewater waiver. Please let me know if anything else is needed.

Murf

Murray “Murf” Hudson, P.E.
Project Engineer



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the next twenty years. Basin 35 drains to the proposed Callicoatte North Lift Station. The Callicoatte North Lift Station receives additional flows from the Callicoatte South Lift Station and pumps wastewater into Sewer 34-A near the Sharpsburg Lift Station.

Basin 34:

Basin 34 is the only basin in the proposed Hearn Road system that contains an existing system. Basin 34 drains into Sewer 34-A and then flows into the Sharpsburg Lift Station. Additionally, Basin 34 is proposed to reach out further south along US Highway 77 to pick up the 95 acre Heritage West Mobile Home Park, the Emory Drive and Eastern Hearn Road area along the Union Pacific Railroad, and the 177 acres south of those sub-basins. Since the proposed Basins 30, 36, and 35 all contribute to Sewer 34-A near the existing Sharpsburg Lift Station, those additional basins do not affect the trunk mains throughout the majority of Basin 34, in respect to increased flows and capacity. They do, however, pump to Sewer 34-A in Sub-Basin 34-A-7. The Sewer 34-A line through this sub-basin and across Interstate 37 to the Sharpsburg Lift Station needs to be upgraded to a 30-inch line.

4.4 System 4- Leopard Road Line (Reference Figure 2-11)

Basin 38:

This basin is an entirely proposed basin within the Allison Wastewater Collection System Service Area, lies outside the City Limits of Corpus Christi, and residents currently utilize on-site wastewater disposal methods. If the City annexes this area in the future, it would add approximately 550 acres of estate residential land to the Allison Service Area including the Quail Valley Subdivision, and extend wastewater service west to County Road 73A. It is proposed that Basin 38 drain to a proposed lift station on County Road 73 and then pump to another proposed Riverview Lift Station and then pump to the Wood River Lift Station.

Basin 39:

This basin is an entirely proposed basin within the Allison Wastewater Collection System Service Area. This basin also lies outside the City Limits of Corpus Christi and residents currently utilize on-site wastewater disposal methods. If the City annexes this area in the future,

it would add approximately 770 acres of estate residential land to the Allison Service Area and include the residences along Riverview Drive and West Riverview Drive and the Wagon Trail Subdivision. It is proposed that Basin 39 drain to a proposed Riverview Lift Station and then pump to the Wood River Lift Station.

Basin 41:

Basin 41 is considered for alternative collection. This basin is an entirely proposed basin within the Allison Wastewater Collection System Service Area, lies outside the City Limits of Corpus Christi, and residents currently utilize on-site wastewater disposal methods. If the City annexes this area in the future, it would add approximately 1000 acres of estate residential land to the Allison Service Area and extend wastewater service west to County Road 75. Since Basin 41 is considered for alternative collection it doesn't have any designed conventional sewer lines however, any alternative system installed within the basin would be pumped to the proposed County Road 73 lift station and then pump to another proposed Riverview Lift Station and then pump to the Wood River Lift Station.

Basin 40:

Basin 40 is the only basin in the proposed Leopard Road system that contains an existing system. Basin 40 is approximately 620 acres of light residential subdivision. It is almost fully developed with the exception of several commercial lots along the growing FM 624 thoroughfare. Basin 40 drains into the Wood River Lift Station through two separate trunk mains, Sewer 40-A and Sewer 40-B. In the future, the Wood River Lift Station would pump to the proposed County Road 52 Lift Station and then into the Leopard Road line. The existing trunk mains in the Wood River area generally flow at or near capacity. Based on this, no additional gravity lines were added to this basin.

Basin 37:

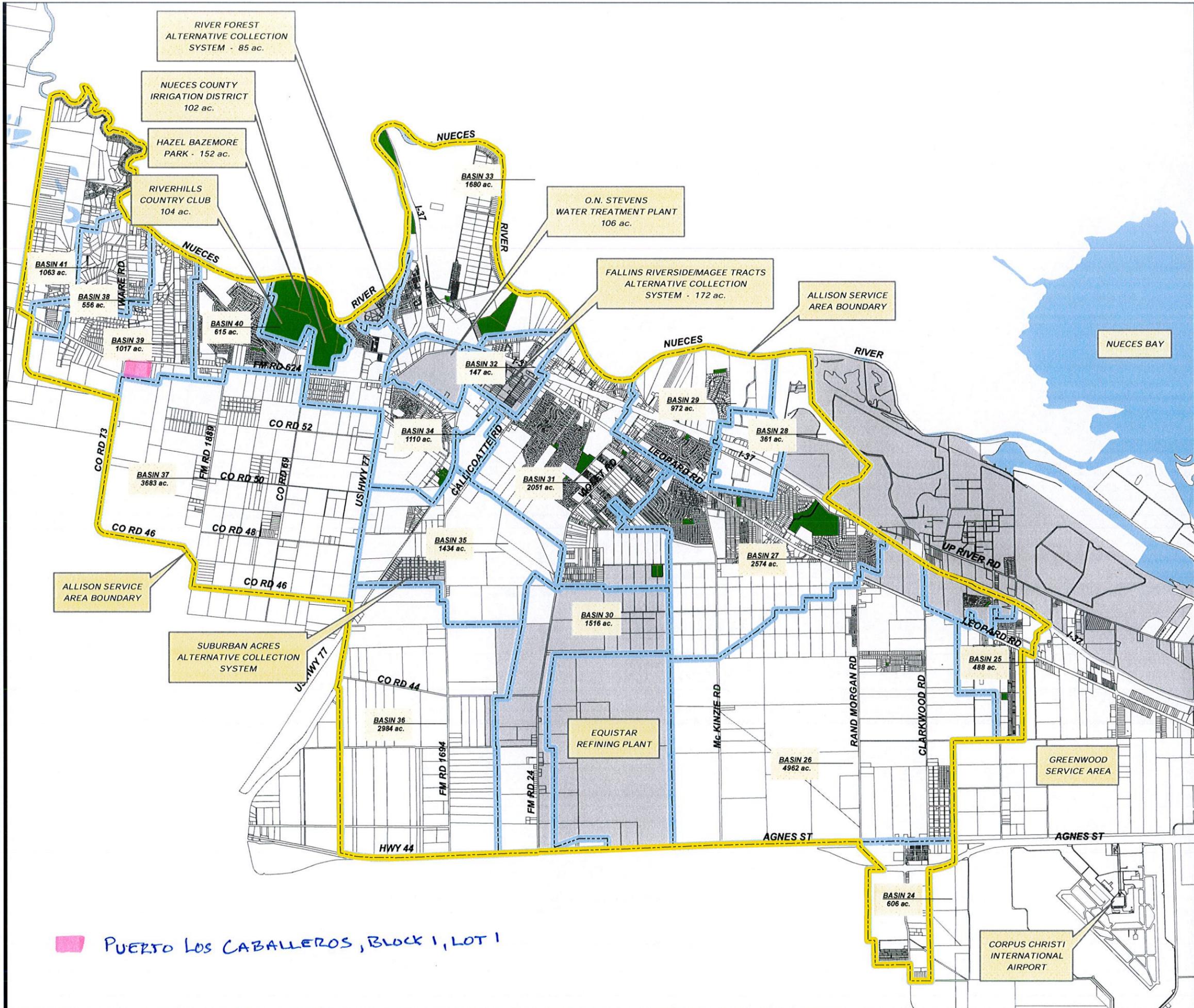
Basin 37 is an entirely proposed basin within the Allison Wastewater Collection System Service Area and lies north of the Robstown ETJ, south of FM 624, and west of US Highway 77. Basin 37 is zoned light residential, and developments in this area are already being prepared.



SCALE: N.T.S.



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Legend

- BASIN BOUNDARY
- SERVICE AREA BOUNDARY
- PARKS
- AREAS NOT IN SERVICE AREA
- BASIN 38 556 ac.
- BASIN CALL-OUT



CITY OF CORPUS CHRISTI
TEXAS

WASTEWATER DEPARTMENT

WASTEWATER COLLECTION SYSTEM
MASTER PLAN

ALLISON SERVICE AREA

WASTEWATER BASINS

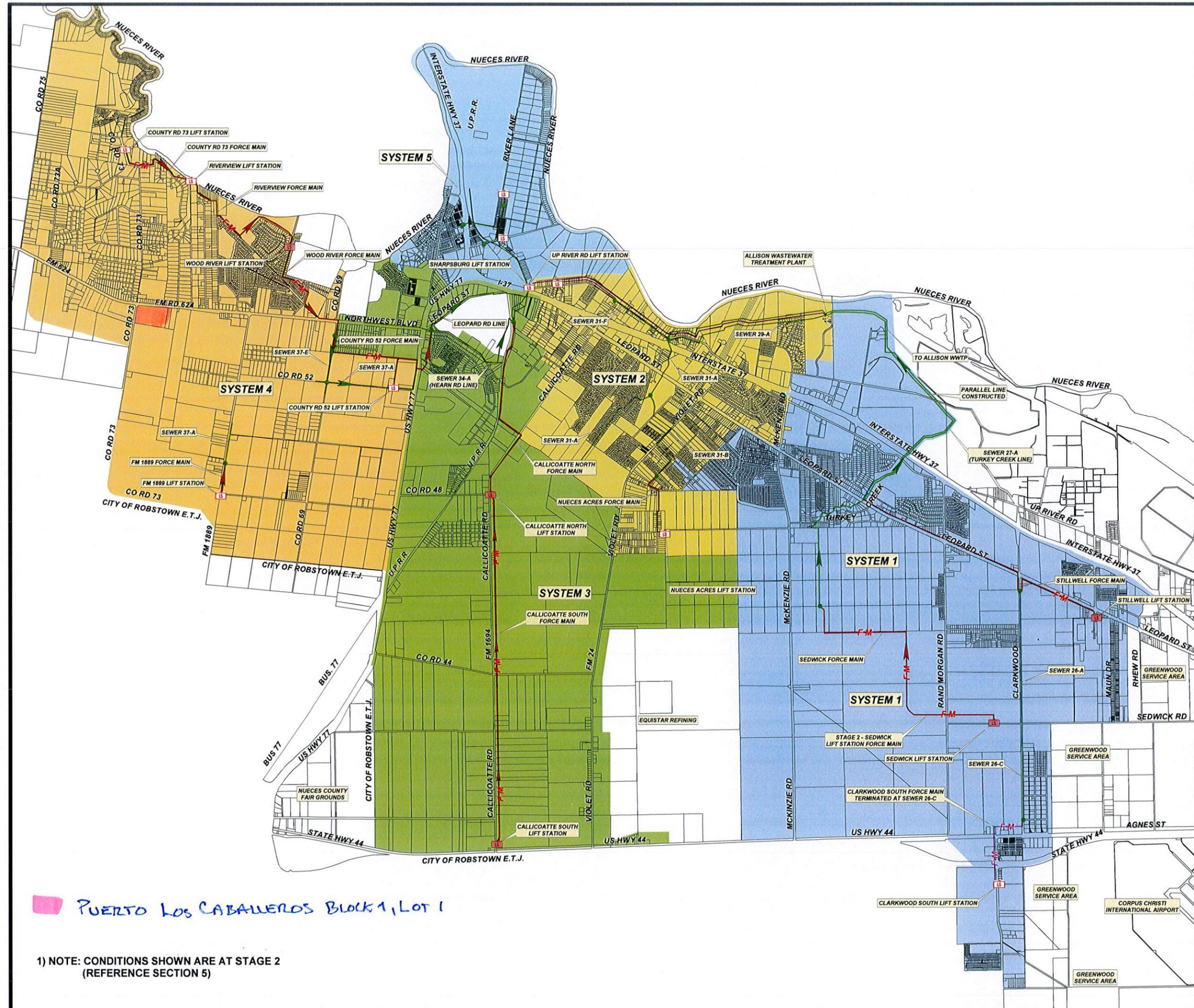
FIGURE 2-6



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Legend

- PROPOSED LIFT STATION
- PROPOSED FORCE MAINS
- EXISTING LIFT STATIONS
- EXISTING FORCE MAINS
- PROPOSED SEWER MAIN

- SYSTEM 1 TURKEY CREEK
- SYSTEM 2 WOODLAND CREEK
- SYSTEM 3 HEARN ROAD LINE
- SYSTEM 4 LEOPARD ROAD LINE
- SYSTEM 5 SHARPSBURG LINE

PUERTO LOS CABALLEROS Block 1, Lot 1

1) NOTE: CONDITIONS SHOWN ARE AT STAGE 2 (REFERENCE SECTION 5)

CITY OF CORPUS CHRISTI TEXAS
WASTEWATER DEPARTMENT

WASTEWATER COLLECTION SYSTEM MASTER PLAN

ALLISON SERVICE AREA

WASTE WATER COLLECTION SYSTEMS

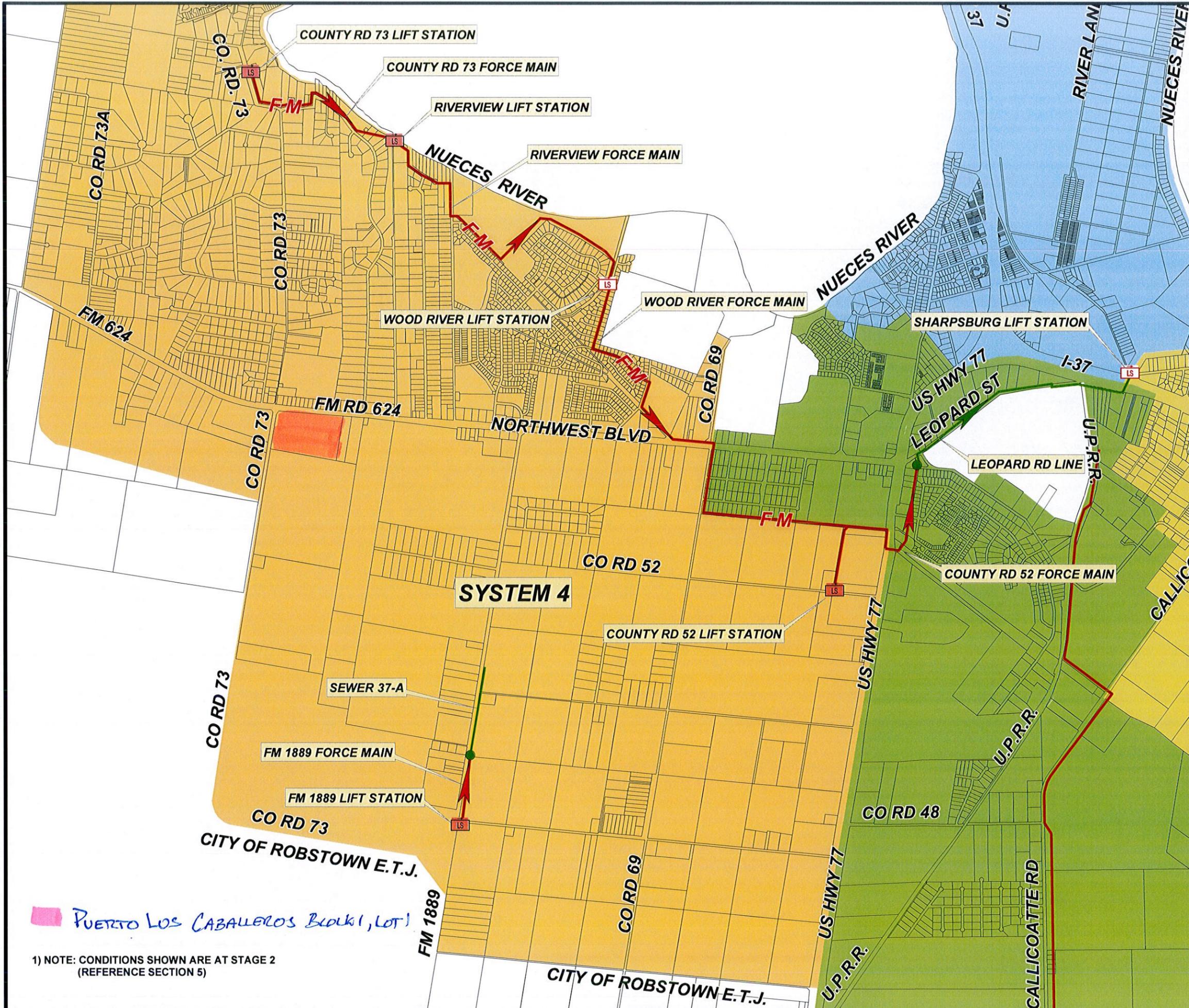
FIGURE 2-7



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Legend

- PROPOSED LIFT STATION
- PROPOSED FORCE MAINS
- EXISTING LIFT STATIONS
- EXISTING FORCE MAINS
- PROPOSED SEWER MAIN
- SYSTEM 1 TURKEY CREEK
- SYSTEM 2 WOODLAND CREEK
- SYSTEM 3 HEARN ROAD LINE
- SYSTEM 4 LEOPARD ROAD LINE
- SYSTEM 5 SHARPSBURG LINE

CITY OF CORPUS CHRISTI TEXAS
WASTEWATER DEPARTMENT

WASTEWATER COLLECTION SYSTEM MASTER PLAN

ALLISON SERVICE AREA

SYSTEM 4 - LEOPARD ROAD LINE

Puerto Los Caballeros Block 1, Lot 1

1) NOTE: CONDITIONS SHOWN ARE AT STAGE 2 (REFERENCE SECTION 5)

