

LEGEND

- AGRICULTURAL (AG)
- BUSINESS INDUSTRIAL PARK (BIP)
- COMMERCIAL MIXED USE (CMU)
- GENERAL COMMERCIAL (GC)
- HEAVY INDUSTRIAL (HI)
- HIGH DENSITY RESIDENTIAL (HDR)
- LIGHT INDUSTRIAL (LI)
- LOW DENSITY RESIDENTIAL (LDR)
- MEDIUM DENSITY RESIDENTIAL (MDR)
- NEIGHBORHOOD COMMERCIAL (NC)
- NOT APPLICABLE (NA)
- OPEN SPACE (OS)
- PARK (P)
- PUBLIC/QUASI-PUBLIC (PQP)
- VERY LOW DENSITY RESIDENTIAL (VLDR)
- URBAN RESERVE (UR)

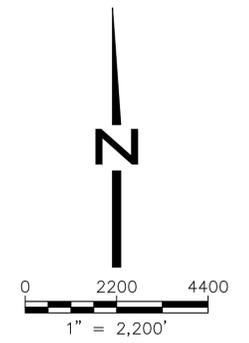


PLATE 3-A

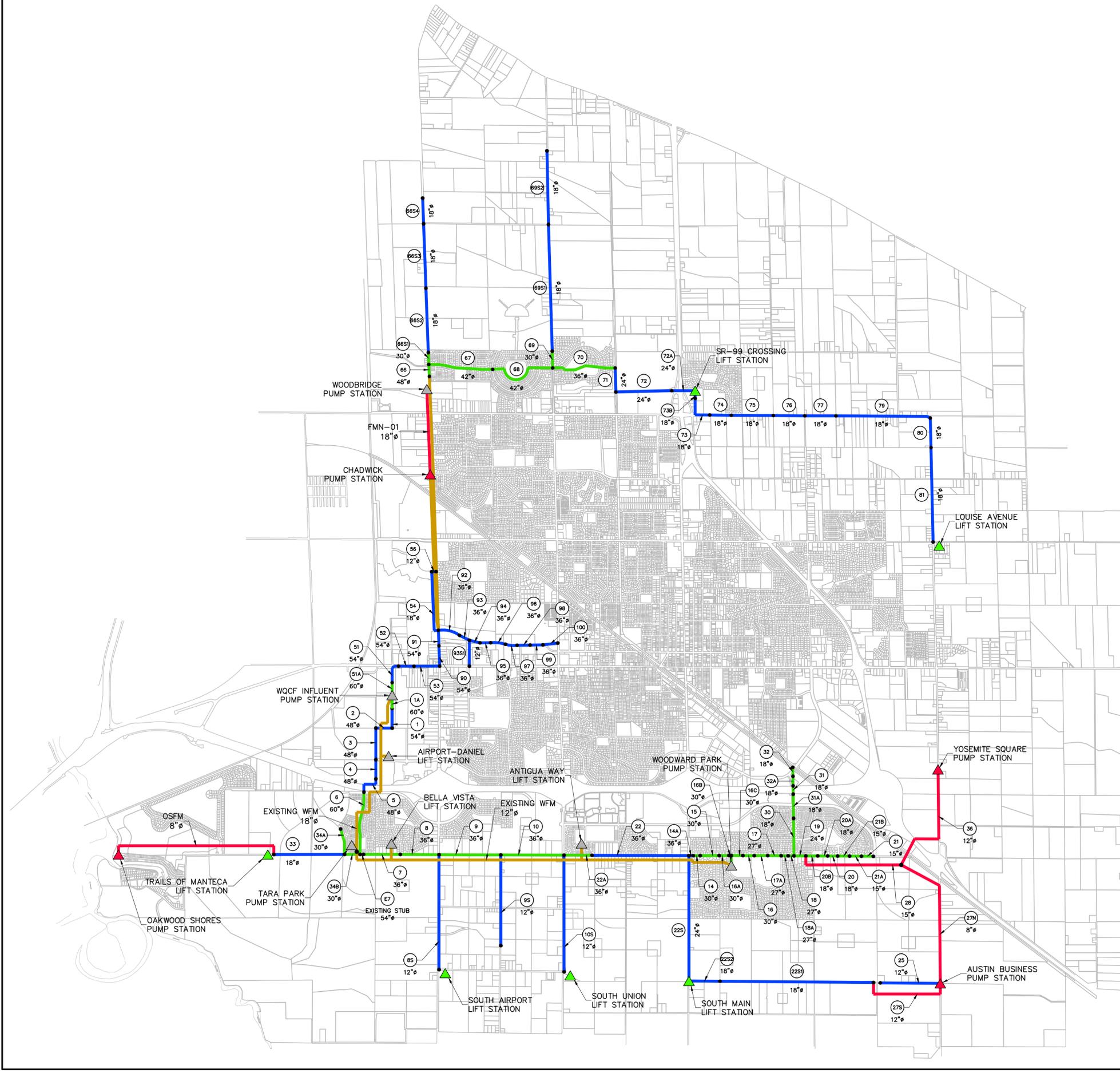
2012 CITY OF MANTECA WASTEWATER
COLLECTION SYSTEM MASTER PLAN

GENERAL PLAN LAND USE DIAGRAM



LEGEND

- CONSTRUCTED TRUNK SEWER
- CONSTRUCTED FORCE MAIN
- PROPOSED TRUNK SEWER LINK
- PROPOSED FORCE MAIN LINK
- ▲ PROPOSED PUMP STATION
- ▲ PROPOSED LIFT STATION
- ▲ CONSTRUCTED PUMP STATION
- LINK NODE
- ⊙ LINK NUMBER
- 18" ∅ PROPOSED LINK DIAMETER
- FMN FORCE MAIN NORTH
- WFM WOODWARD FORCE MAIN

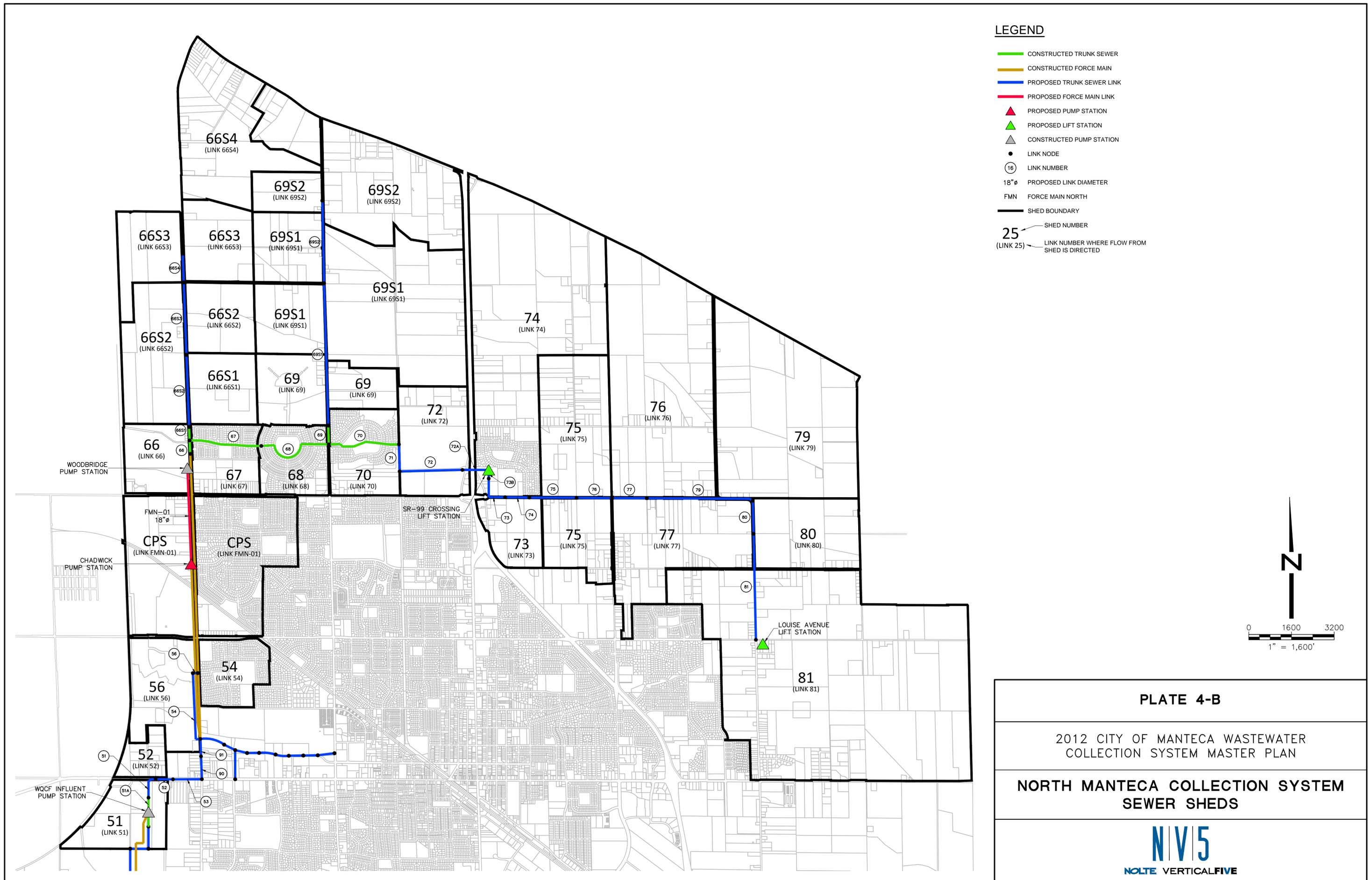


2012 CITY OF MANTECA WASTEWATER
COLLECTION SYSTEM MASTER PLAN

**PROPOSED TRUNK SEWER/FORCE MAIN
ALIGNMENTS AND SIZING**

N|V|5

NOLTE VERTICALFIVE



- LEGEND**
- CONSTRUCTED TRUNK SEWER
 - CONSTRUCTED FORCE MAIN
 - PROPOSED TRUNK SEWER LINK
 - PROPOSED FORCE MAIN LINK
 - ▲ PROPOSED PUMP STATION
 - ▲ PROPOSED LIFT STATION
 - ▲ CONSTRUCTED PUMP STATION
 - LINK NODE
 - ⊙ LINK NUMBER
 - 18" ∅ PROPOSED LINK DIAMETER
 - FMN FORCE MAIN NORTH
 - SHED BOUNDARY
 - 25 — SHED NUMBER
 - (LINK 25) — LINK NUMBER WHERE FLOW FROM SHED IS DIRECTED

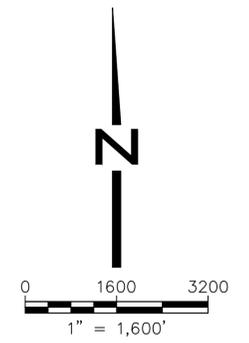
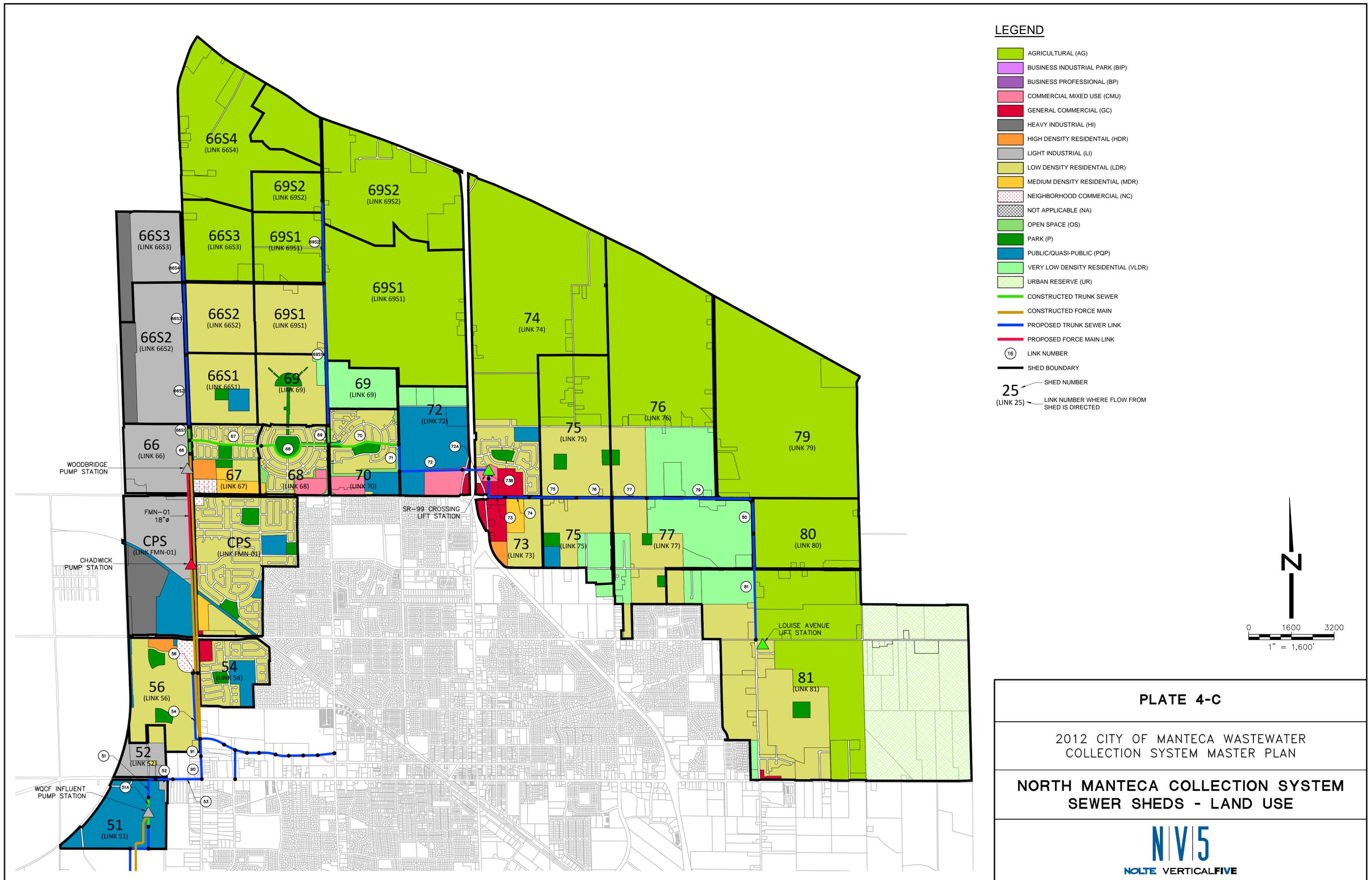


PLATE 4-B

2012 CITY OF MANTECA WASTEWATER
COLLECTION SYSTEM MASTER PLAN

**NORTH MANTECA COLLECTION SYSTEM
SEWER SHEDS**

N|V|5
NOLTE VERTICAL FIVE



LEGEND

- AGRICULTURAL (AG)
- BUSINESS INDUSTRIAL PARK (BIP)
- BUSINESS PROFESSIONAL (BP)
- COMMERCIAL MIXED USE (CMU)
- GENERAL COMMERCIAL (GC)
- HEAVY INDUSTRIAL (HI)
- HIGH DENSITY RESIDENTIAL (HDR)
- LIGHT INDUSTRIAL (LI)
- LOW DENSITY RESIDENTIAL (LDR)
- MEDIUM DENSITY RESIDENTIAL (MDR)
- NEIGHBORHOOD COMMERCIAL (NC)
- NOT APPLICABLE (NA)
- OPEN SPACE (OS)
- PARK (P)
- PUBLIC/QUASI-PUBLIC (PQP)
- VERY LOW DENSITY RESIDENTIAL (VLDR)
- URBAN RESERVE (UR)
- CONSTRUCTED TRUNK SEWER
- CONSTRUCTED FORCE MAIN
- PROPOSED TRUNK SEWER LINK
- PROPOSED FORCE MAIN LINK
- LINK NUMBER
- SHED BOUNDARY
- 25** SHED NUMBER
- (LINK 25)** LINK NUMBER WHERE FLOW FROM SHED IS DIRECTED

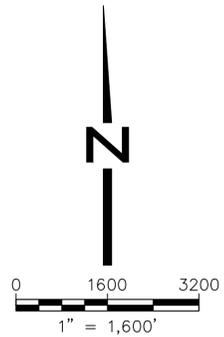
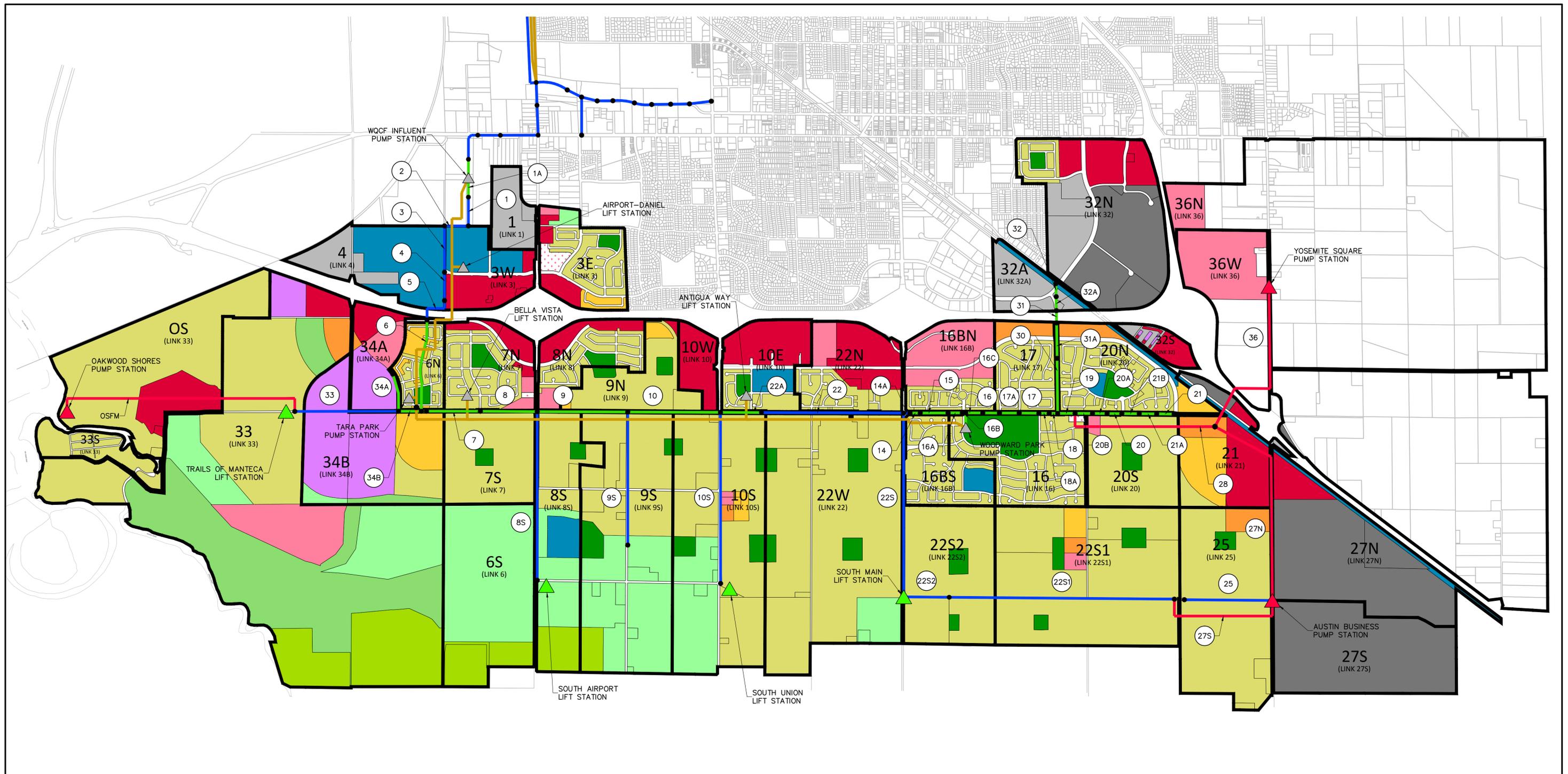


PLATE 4-C

2012 CITY OF MANTECA WASTEWATER
COLLECTION SYSTEM MASTER PLAN

**NORTH MANTECA COLLECTION SYSTEM
SEWER SHEDS - LAND USE**

N|V|5
NOLTE VERTICAL FIVE



LEGEND

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> AGRICULTURAL (AG) BUSINESS INDUSTRIAL PARK (BIP) BUSINESS PROFESSIONAL (BP) COMMERCIAL MIXED USE (CMU) GENERAL COMMERCIAL (GC) HEAVY INDUSTRIAL (HI) HIGH DENSITY RESIDENTIAL (HDR) LIGHT INDUSTRIAL (LI) LOW DENSITY RESIDENTIAL (LDR) | <ul style="list-style-type: none"> MEDIUM DENSITY RESIDENTIAL (MDR) NEIGHBORHOOD COMMERCIAL (NC) NOT APPLICABLE (NA) OPEN SPACE (OS) PARK (P) PUBLIC/QUASI-PUBLIC (PQP) VERY LOW DENSITY RESIDENTIAL (VLDR) URBAN RESERVE (UR) | <ul style="list-style-type: none"> CONSTRUCTED TRUNK SEWER CONSTRUCTED FORCE MAIN PROPOSED TRUNK SEWER LINK PROPOSED FORCE MAIN LINK PROPOSED PUMP STATION PROPOSED LIFT STATION CONSTRUCTED PUMP STATION LINK NODE LINK NUMBER 18" Ø PROPOSED LINK DIAMETER |
|--|--|---|

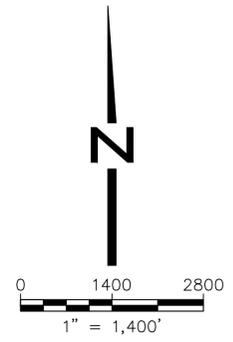
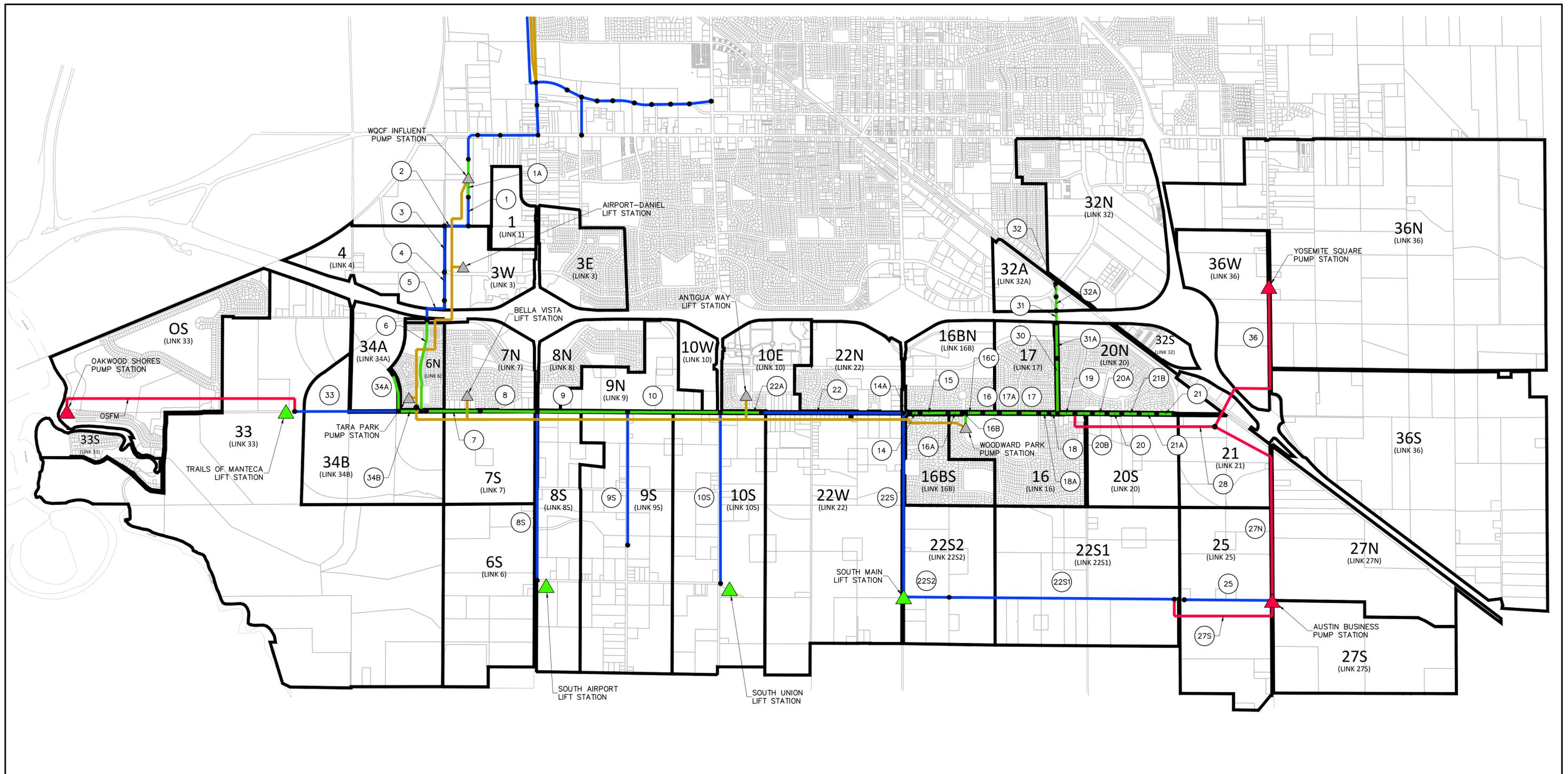


PLATE 4-E

2012 CITY OF MANTECA WASTEWATER
COLLECTION SYSTEM MASTER PLAN

**SOUTH MANTECA COLLECTION SYSTEM
SEWER SHEDS - PHASE 1 LAND USE**

N|V|5
NOLTE VERTICAL FIVE



LEGEND

- CONSTRUCTED TRUNK SEWER
- CONSTRUCTED FORCE MAIN
- PROPOSED TRUNK SEWER LINK
- PROPOSED FORCE MAIN LINK
- ▲ PROPOSED PUMP STATION
- ▲ PROPOSED LIFT STATION
- ▲ CONSTRUCTED PUMP STATION
- LINK NODE
- Ⓟ LINK NUMBER
- 18" ϕ PROPOSED LINK DIAMETER

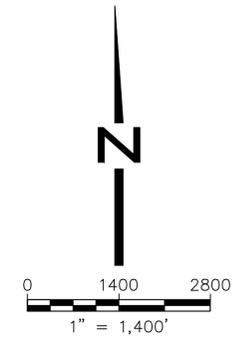
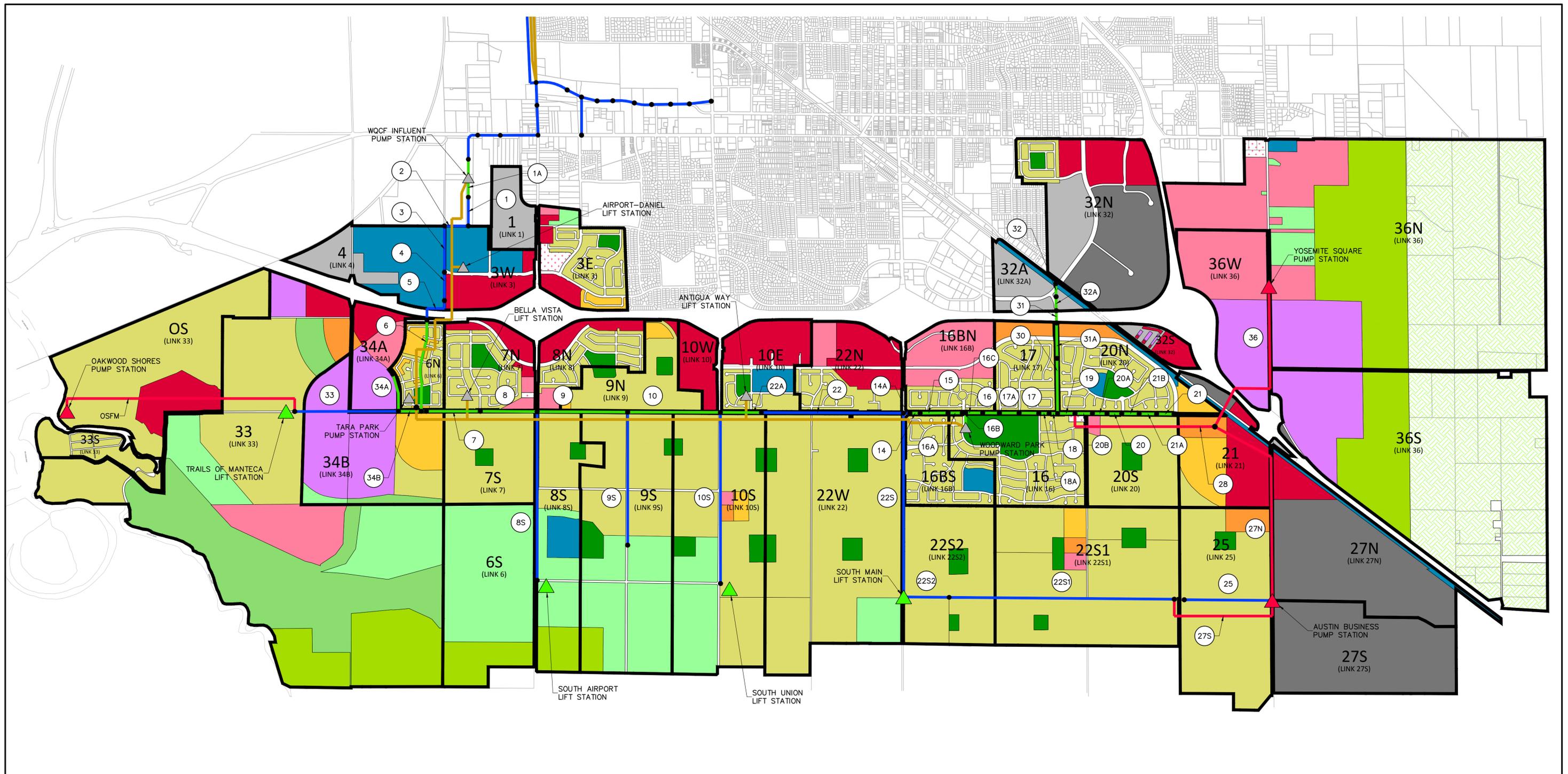


PLATE 4-F

2012 CITY OF MANTECA WASTEWATER
COLLECTION SYSTEM MASTER PLAN

**SOUTH MANTECA COLLECTION SYSTEM
SEWER SHEDS - PHASE 2 (BUILDOUT)**





LEGEND

- AGRICULTURAL (AG)
- BUSINESS INDUSTRIAL PARK (BIP)
- BUSINESS PROFESSIONAL (BP)
- COMMERCIAL MIXED USE (CMU)
- GENERAL COMMERCIAL (GC)
- HEAVY INDUSTRIAL (HI)
- HIGH DENSITY RESIDENTIAL (HDR)
- LIGHT INDUSTRIAL (LI)
- LOW DENSITY RESIDENTIAL (LDR)

- MEDIUM DENSITY RESIDENTIAL (MDR)
- NEIGHBORHOOD COMMERCIAL (NC)
- NOT APPLICABLE (NA)
- OPEN SPACE (OS)
- PARK (P)
- PUBLIC/QUASI-PUBLIC (PQP)
- VERY LOW DENSITY RESIDENTIAL (VLDR)
- URBAN RESERVE (UR)

- CONSTRUCTED TRUNK SEWER
- CONSTRUCTED FORCE MAIN
- PROPOSED TRUNK SEWER LINK
- PROPOSED FORCE MAIN LINK
- PROPOSED PUMP STATION
- PROPOSED LIFT STATION
- CONSTRUCTED PUMP STATION
- LINK NODE
- 16 LINK NUMBER
- 18" Ø PROPOSED LINK DIAMETER

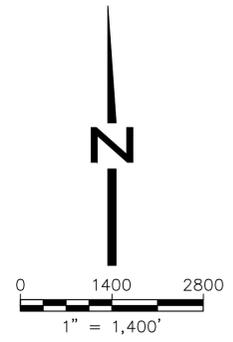
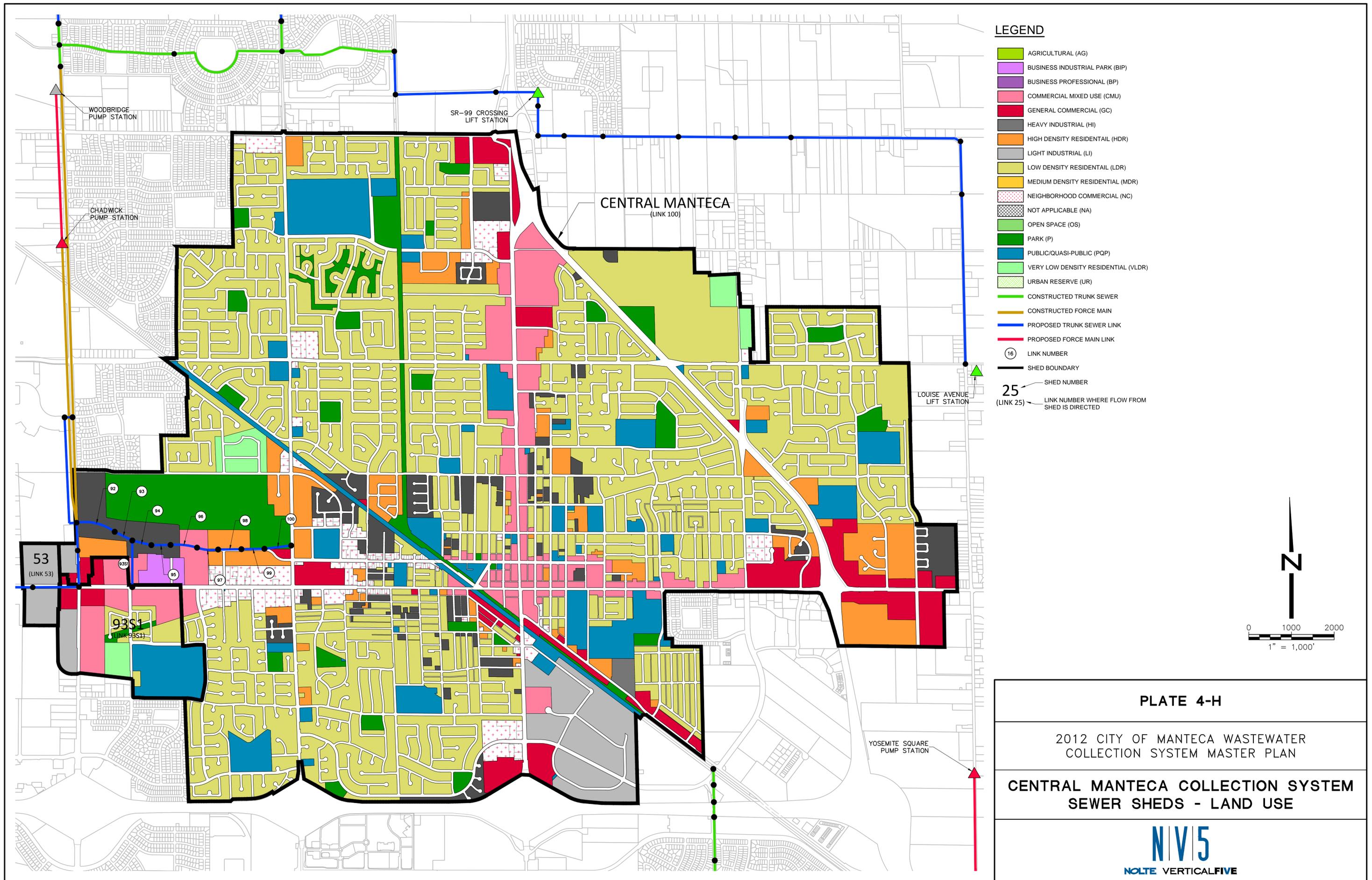


PLATE 4-G

2012 CITY OF MANTECA WASTEWATER
COLLECTION SYSTEM MASTER PLAN

**SOUTH MANTECA COLLECTION SYSTEM
SEWER SHEDS - PHASE 2 LAND USE (BUILDOUT)**





LEGEND

- AGRICULTURAL (AG)
- BUSINESS INDUSTRIAL PARK (BIP)
- BUSINESS PROFESSIONAL (BP)
- COMMERCIAL MIXED USE (CMU)
- GENERAL COMMERCIAL (GC)
- HEAVY INDUSTRIAL (HI)
- HIGH DENSITY RESIDENTIAL (HDR)
- LIGHT INDUSTRIAL (LI)
- LOW DENSITY RESIDENTIAL (LDR)
- MEDIUM DENSITY RESIDENTIAL (MDR)
- NEIGHBORHOOD COMMERCIAL (NC)
- NOT APPLICABLE (NA)
- OPEN SPACE (OS)
- PARK (P)
- PUBLIC/QUASI-PUBLIC (PQP)
- VERY LOW DENSITY RESIDENTIAL (VLDR)
- URBAN RESERVE (UR)
- CONSTRUCTED TRUNK SEWER
- CONSTRUCTED FORCE MAIN
- PROPOSED TRUNK SEWER LINK
- PROPOSED FORCE MAIN LINK
- LINK NUMBER
- SHED BOUNDARY
- SHED NUMBER
- LINK NUMBER WHERE FLOW FROM SHED IS DIRECTED

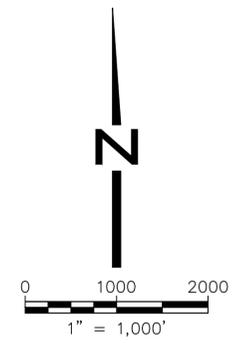
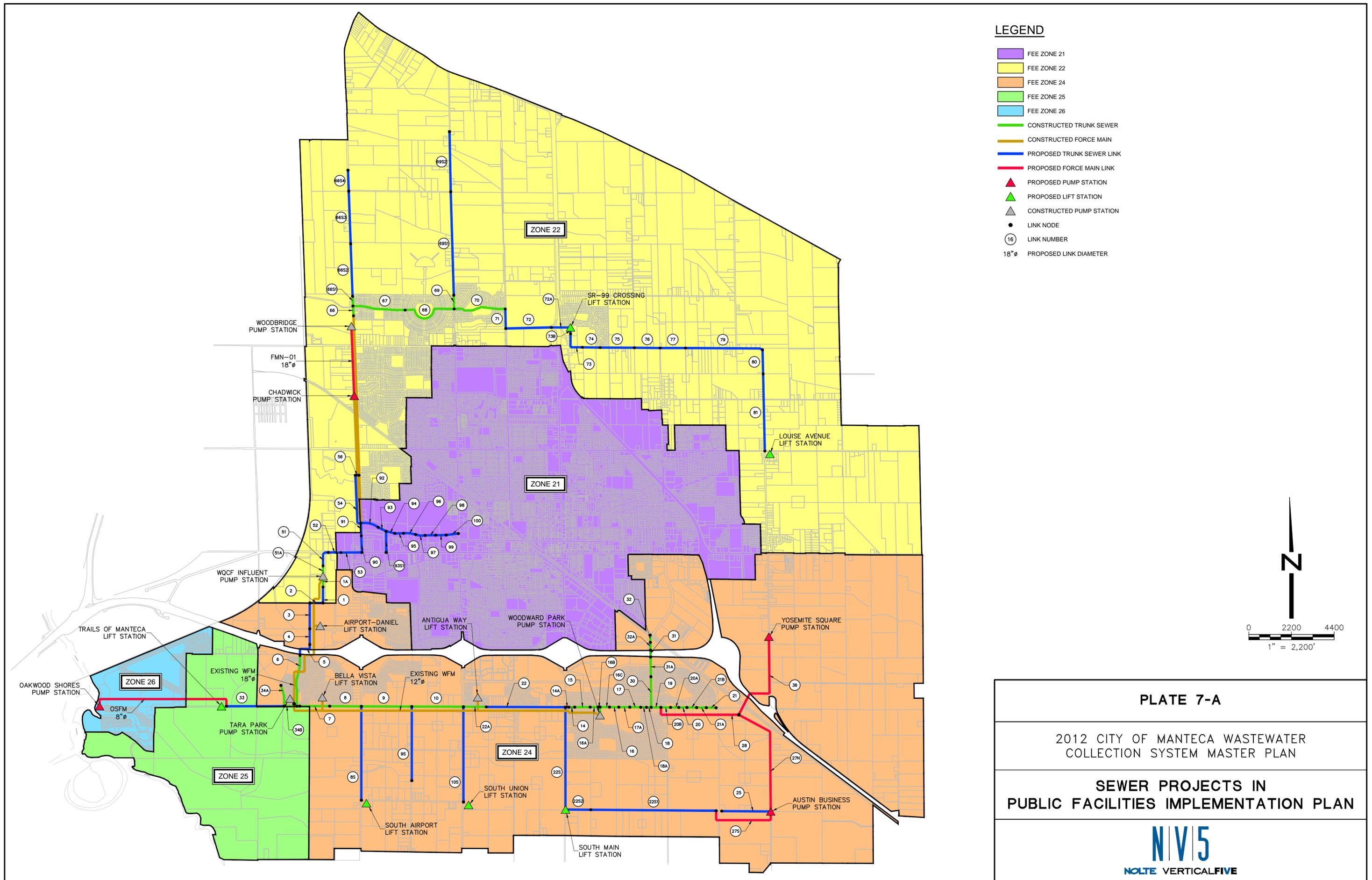


PLATE 4-H

2012 CITY OF MANTECA WASTEWATER
COLLECTION SYSTEM MASTER PLAN

**CENTRAL MANTECA COLLECTION SYSTEM
SEWER SHEDS - LAND USE**

N|V|5
NOLTE VERTICAL FIVE



LEGEND

- FEE ZONE 21
- FEE ZONE 22
- FEE ZONE 24
- FEE ZONE 25
- FEE ZONE 26
- CONSTRUCTED TRUNK SEWER
- CONSTRUCTED FORCE MAIN
- PROPOSED TRUNK SEWER LINK
- PROPOSED FORCE MAIN LINK
- PROPOSED PUMP STATION
- PROPOSED LIFT STATION
- CONSTRUCTED PUMP STATION
- LINK NODE
- 16 LINK NUMBER
- 18" ϕ PROPOSED LINK DIAMETER

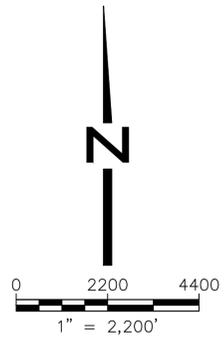


PLATE 7-A
2012 CITY OF MANTECA WASTEWATER COLLECTION SYSTEM MASTER PLAN
SEWER PROJECTS IN PUBLIC FACILITIES IMPLEMENTATION PLAN
NOLTE VERTICAL FIVE