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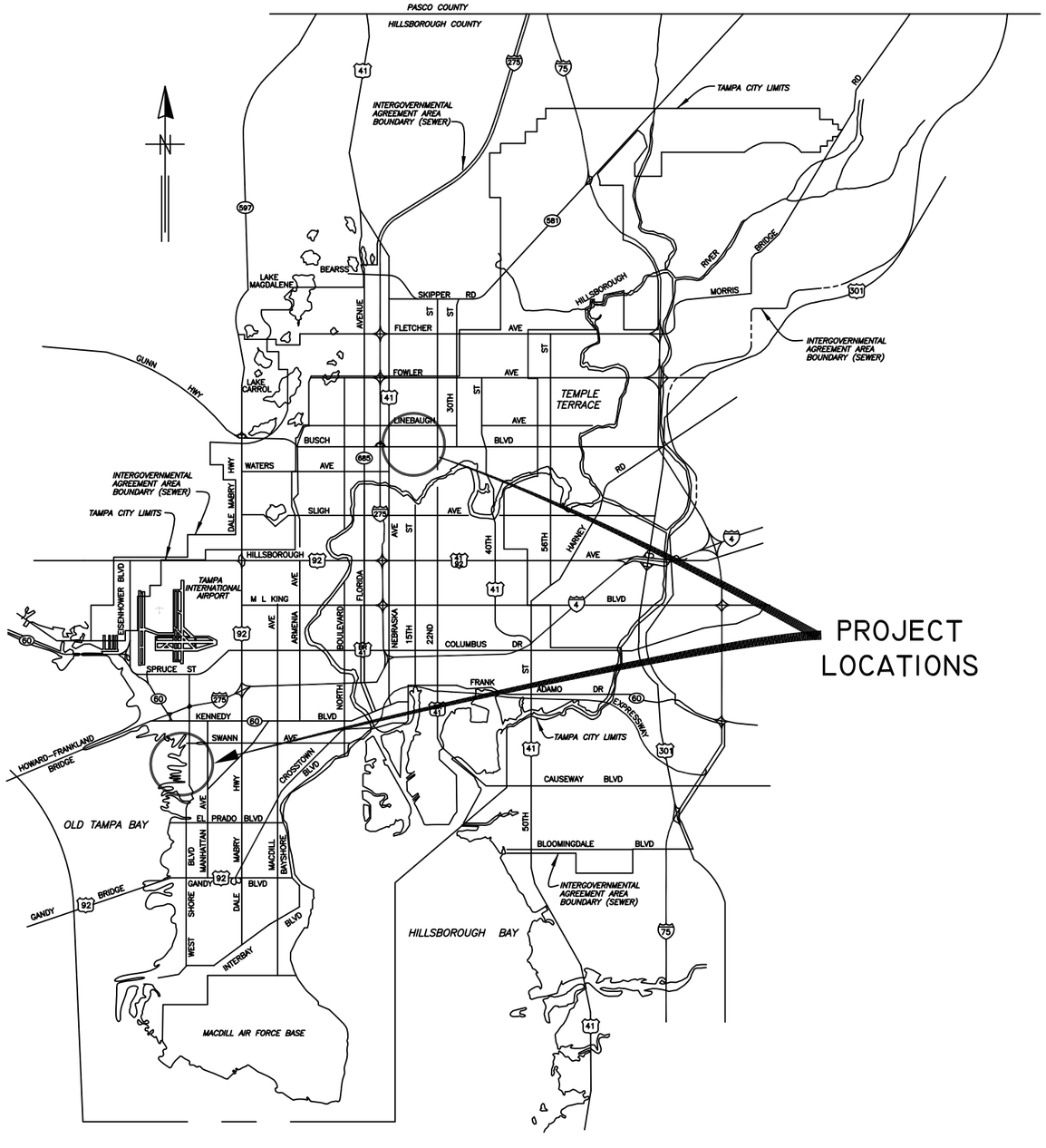
Please Email ALL Questions:

MailTo:ContractAdministration@TampaGov.net

City of Tampa
Contract Administration Department
306 E. Jackson St. #280A4N
Tampa, FL 33602
(813)274-8456

LOCATION MAP



CITY of TAMPA

CITY OF TAMPA FLORIDA
MASCOTTE
ORGANIZED JULY 15 1887

WASTEWATER DEPARTMENT

PLANS FOR

SUNSET PARK GRAVITY SEWER REHABILITATION BY CIPP

CONTRACT No.

20-C-00006

CTB - MONOCHROME.CTB

No.	DATE	REVISIONS
3		
2		
1		

JACINTO CARLOS FERRAS, P.E. #49454
DESIGN DIVISION HEAD
WASTEWATER DEPARTMENT

DES: MS
DRN: MS/DH
CKD:
DATE: 10/30/19

CITY of TAMPA
WASTEWATER DEPARTMENT

SUNSET PARK GRAVITY SEWER REHABILITATION BY CIPP
COVER SHEET

W.O.

SHEET 1 OF 50

GENERAL NOTES

1. THE SCOPE OF THIS PROJECT SHALL CONSIST OF REHABILITATION OF 8" DIA WASTEWATER PIPELINE BY INSTALLATION OF CURED IN PLACE PIPE LINER AND ALL APPURTENANCE ASSOCIATED WITH COMPLETION OF THE PROJECT.
2. ELEVATION INFORMATION SHOWN ON THESE PLANS IS REFERENCED TO N.G.V.D. 1929 UNLESS OTHERWISE STATED AND ARE BASED ON RECORD DRAWINGS.
3. SHEETS 11–50 ARE THE EXISTING AS–BUILTS OF THE SEWER PIPE TO BE REHABILITATED.
4. DURING THE MOT, CONTRACTOR MUST MAINTAIN ACCESS TO ALL DRIVEWAYS FOR THE DURATION OF THE PROJECT.
5. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING THE NECESSARY ROAD CLOSURE AND RIGHT–OF–WAY PERMITS FROM THE APPROPRIATE GOVERNMENT AGENCIES HAVING JURISDICTION OVER THE SPECIFIC ROADWAYS. BUSH BLVD. AND NEBRASKA AVE. ARE LOCATED WITHIN FDOT RIGHT OF WAY JURISDICTION. ALL OTHER STREETS NOT MENTIONED ARE LOCATED WITHIN CITY OF TAMPA RIGHT OF WAY.
6. IN ORDER TO OBTAIN ROADWAY CLOSURE OR RIGHT–OF WAY PERMITS, AT MINIMUM, THE CONTRACTOR MUST SUBMIT DETAILED MAINTENANCE OF TRAFFIC (MOT) PLANS ALONG WITH APPLICATIONS TO THE APPROPRIATE AGENCY. THE MOT(S) SHALL CONFORM TO APPLICABLE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) INDEX DRAWINGS (MOST CURRENT EDITION). THE GOVERNING AGENCIES MAY REQUIRE ADDITIONAL INFORMATION AND DICTATE SPECIFIC WORK TIMES DURING NON–PEAK TRAFFIC HOURS. REFER TO SPECIFIC PROVISIONS FOR SPECIFIC TRAFFIC CONTROL REQUIREMENTS.
7. CONTINUOUS SEWER SERVICE MUST BE MAINTAINED AT ALL TIMES. WORK DURING LOW FLOW PERIODS OR NIGHT WORK MAY BE REQUIRED. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PRIVATE AND CITY PUMPING STATIONS AND SEWER SERVICE VIA VACUUM TRUCKS. CONTRACTOR IS RESPONSIBLE FOR DEWATERING, COLLECTING AND DISPOSING OF ALL WATER AND SLUDGE FROM EXISTING FACILITIES AS NECESSARY TO MAINTAIN SERVICE. COST FOR THIS WORK SHALL BE INCLUDED IN THE VARIOUS CONTRACT ITEMS AND NO ADDITIONAL PAYMENT WILL BE MADE.
8. BYPASS PUMPS SHALL BE CAPABLE OF DELIVERING 300 GPM FOR 8". THE BYPASS PUMPS SHALL BE OF THE SELF PRIMING QUIET FLOW TYPE PUMP. BYPASS PUMP NOISE SHALL STRICTLY COMPLY TO ALL LOCAL REGULATIONS AND ORDINANCES COVERING NOISE CONTROL. THIS MAY REQUIRE CONSTRUCTING SOUND ATTENUATING ENCLOSURE AROUND PUMPS. BYPASS METHOD SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER.
9. THE PROPOSED LINER THICKNESS FOR THE 8" SEWER SHALL BE 6.0 MM THICKNESS.
10. CONTRACTOR SHALL RESTORE ALL LANDSCAPING, SODDING, SPRINKLER SYSTEM PIPING AND PAVEMENT THAT MAY HAVE BEEN DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL CONDITION OR BETTER.
11. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH WASTEWATER PERSONNEL AND PUMPING STATION OPERATIONS.
12. OSHA STANDARD EQUIPMENT SUCH AS SAFETY HARNESSES, GAS MONITORS, LOWER EXPLOSIVE LIMIT (LEL) DETECTORS, BREATHING APPARATUS, ETC. SHALL BE UTILIZED WHERE THE WORK DICTATES THEIR USE.
13. DURING THE MANHOLE'S INTERIOR CLEANING OPERATION, THE CONTRACTOR MUST PROVIDE A MEANS OF CAPTURING AND DISPOSING OF THE REMOVED DEBRIS. THIS METHOD SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
14. ALL EXPOSED STEEL REINFORCEMENT SHALL BE THOROUGHLY CLEANED OF ANY DETERIORATION/RUST AND COATED WITH THE PROPOSED COATING SYSTEM.

INDEX	
SHEET NUMBER	SHEET NAME
1	COVER SHEET
2	NOTE AND INDEX
3	AREA MAP – SUNSET PARK
4	AREA MAP – SUNSET PARK
5	AREA MAP – SUNSET PARK
6	AREA MAP – SUNSET PARK
7	AREA MAP – SUNSET PARK
8	AREA MAP – SUNSET PARK
9	AREA MAP – 12TH ST. AND BUSCH BLVD.
10	MANHOLE DETAIL 1 of 2
11	MANHOLE DETAIL 2 of 2
11–50	WASTEWATER RECORD DRAWINGS FOR REFERENCE

RECORD DRAWINGS ARE BEING PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT INTENDED TO SHOW ADDITIONAL WORK FOR THIS CONTRACT. THE CITY DOES NOT GUARANTEE THE ACCURACY OF THE RECORD DRAWINGS.

PROPOSED MANHOLE COATING SYSTEM THICKNESS	
Location	Coating System
Manhole Barrel	250 MILS (MIN)
Manhole Benches	250 MILS (MIN)

PLOTTED BY MichaelF Salgado DRAWING FILE \\sewer\SewerShare\WasteWater Projects\Sunset Park Gravity Sewer Rehabilitation by CIPP\Drafting\DWG\Neighborhood Collections Sys – Cover and Notes.dwg PLOT DATE: Friday, November 15, 2019 1:11:32 PM
LAST SAVED BY ssl1 CTB – MONOCHROME.CTB

JACINTO CARLOS FERRAS, P.E. #49454
DESIGN DIVISION HEAD
WASTEWATER DEPARTMENT

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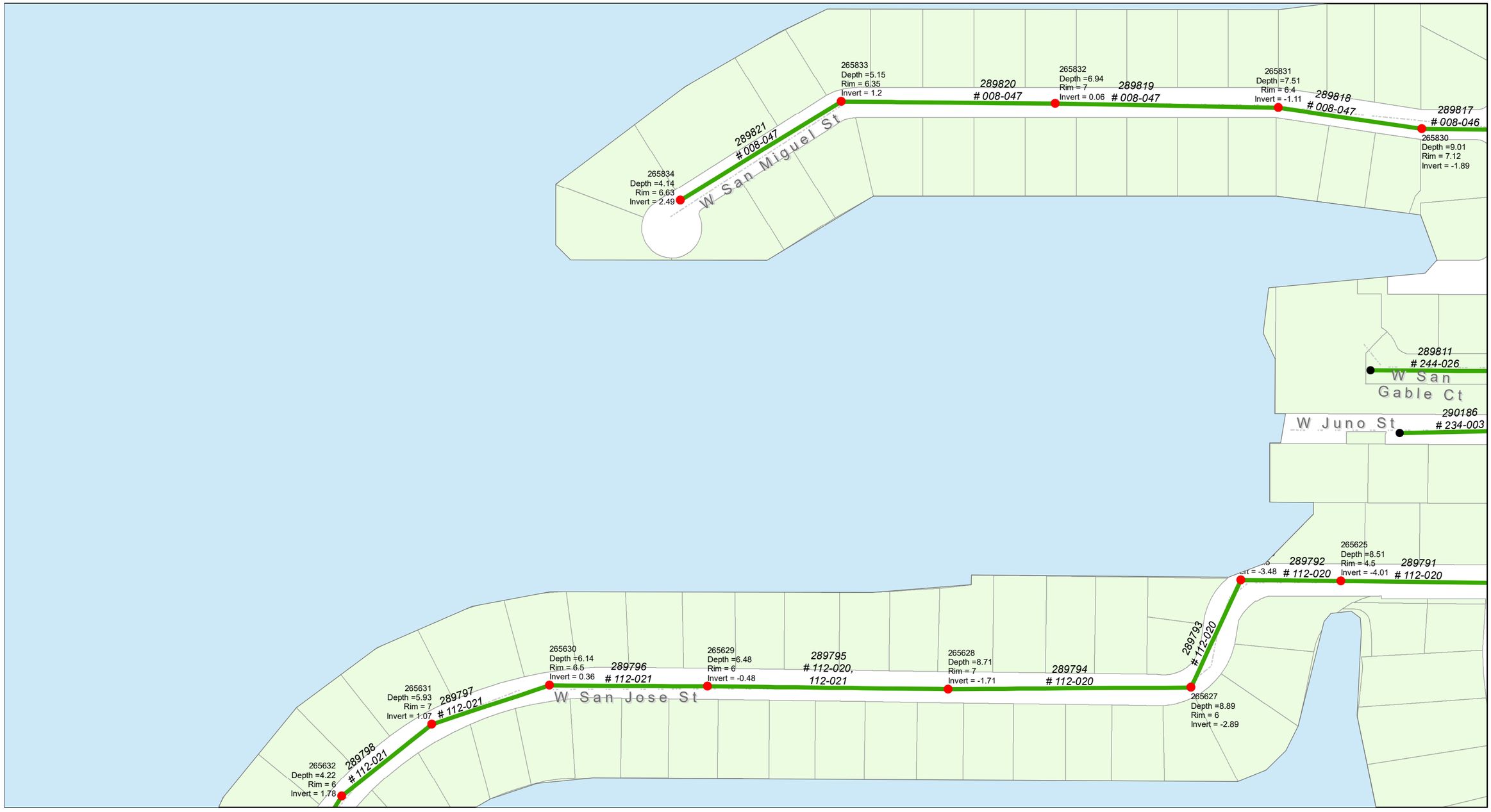
CITY of TAMPA
WASTEWATER DEPARTMENT

SUNSET PARK GRAVITY SEWER REHABILITATION BY CIPP
NOTE AND INDEX

W.O.

SHEET 2 OF 50



Matchline See Sheet 4

Matchline See Sheet 5

Sunset Park Gravity Sewer Rehabilitation by CIPP

City of Tampa Wastewater Department

Legend

Proposed Manhole Rehab | Manholes (no rehab required) | Proposed CIPP Lining | Ex Wastewater (no rehab required)

0 250 500 1,000 Feet

City of Tampa Florida

N

Sheet No. 3 of 50

Matchline See Sheet 3

W San Nicholas St

W San Miguel St

W Dryad St

W Juno St

S Venus St

S Occident St

S West Shore Blvd

W San Carlos St

S Trask St

W San Jose St

W Sunset Blvd

N Dundee St

289816 # 117-001

289815 # 008-046

289817 # 008-046

289814 # 008-046

289813 # 008-046

289811 # 244-026

289812 # 008-046

289822 # 004-043

289823 # 004-043

290187 # 005-005

290188 # 120-007

290190 # 120-007

290193 # 123-013

290191 # 120-007

290184 # 004-043

290185 # 004-043

289804 # 004-034

289808 # 110-032

289801 # 079-004

289802 # 079-004

289803 # 079-004

289805 # 079-004

289806 # 079-004

289807 # 079-004

289809 # 079-004

290199 # 079-003

290198 # 079-003

290217 # 079-008

290216 # 079-008

290215 # 079-008

290214 # 079-008

265649 Depth =6.94 Rim = 5.2 Invert = -1.74

265650 Depth =3.66 Rim = 5 Invert = 1.34

265614 Depth =3.69 Rim = 4.7 Invert = 1.01

265613

265609 Depth =5.64 Rim = 5 Invert = -0.64

265608 Depth =5.93 Rim = 5.1 Invert = -0.83

265610 Depth =5.12 Rim = 5 Invert = -0.12

265611 Depth =4.47 Rim = 4.9 Invert = 0.43

265612 Depth =5.24 Rim = 5.2 Invert = -0.04

265648 Depth =8.84 Rim = 6.5 Invert = -2.34

265647 Depth =7.14 Rim = 4 Invert = -3.14

265604 Depth =4.84 Rim = 4.9 Invert = 0.06

265602 Depth =7.01 Rim = 5 Invert = -2.01

265646

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265605 Depth =3.75 Rim = 4.5 Invert = 0.75

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265639 Depth =3.93 Rim = 5.5 Invert = 1.57

265642 Depth =3.86 Rim = 6.5 Invert = 2.64

265643 Depth =4.18 Rim = 7 Invert = 2.82

265657 Depth =9.55 Rim = 4.8 Invert = -4.75

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265637 Depth =5.07 Rim = 5 Invert = -0.07

265638 Depth =4.2 Rim = 4.7 Invert = 0.5

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265673 Depth =4.59 Rim = 4.64 Invert = 0.05

265672 Depth =4.8 Rim = 4.18 Invert = -0.62

Matchline See Sheet 6

Sunset Park Gravity Sewer Rehabilitation by CIPP

City of Tampa Wastewater Department

Legend

- Proposed Manhole Rehab
- Manholes (no rehab required)
- Proposed CIPP Lining
- Ex Wastewater (no rehab required)

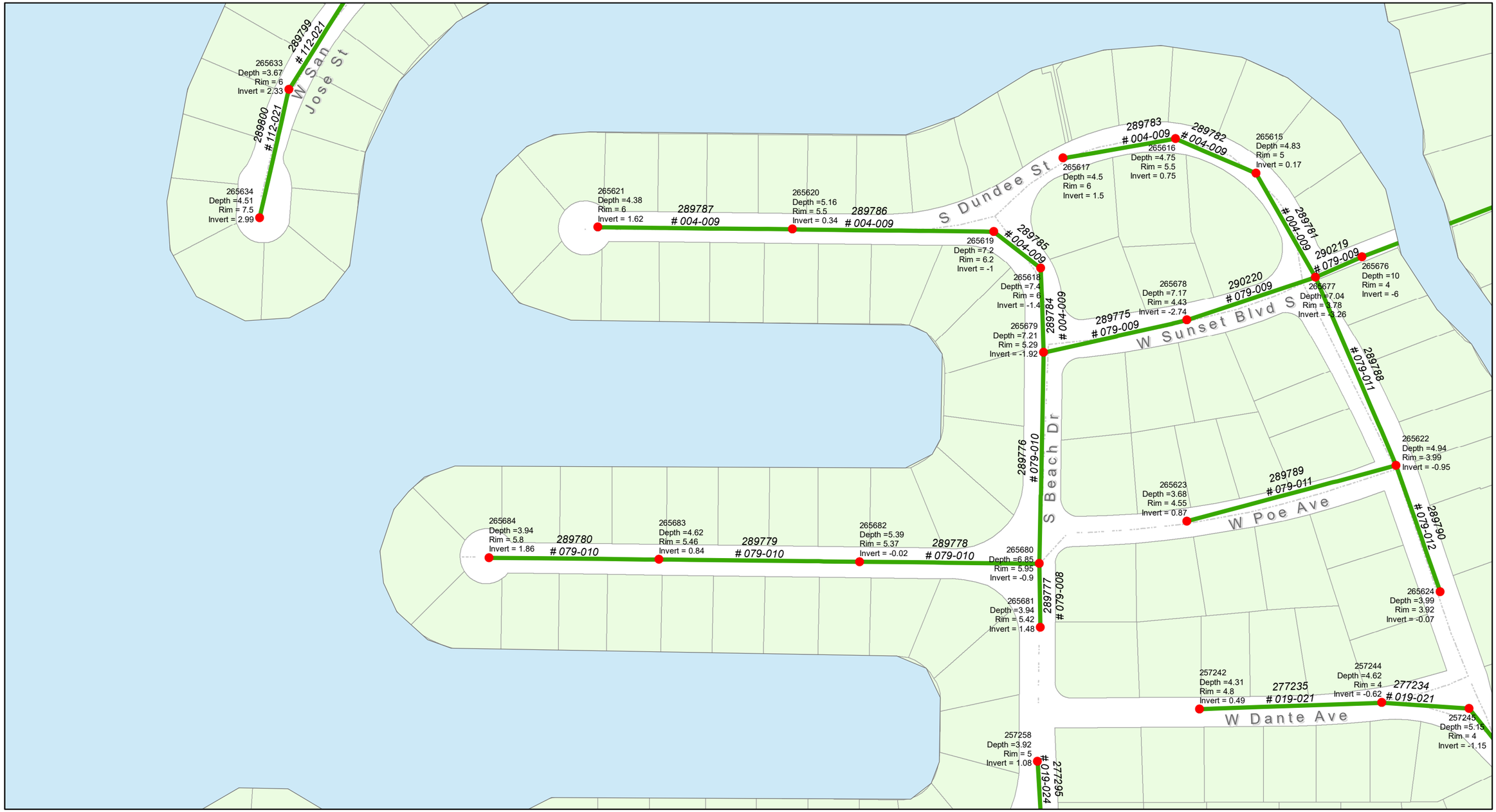
0 250 500 1,000 Feet

City of Tampa Florida

N

Sheet No. 4 of 50

Matchline See Sheet 3



Matchline See Sheet 7

Matchline See Sheet 6

Sunset Park Gravity Sewer Rehabilitation by CIPP

City of Tampa Wastewater Department

Legend

Proposed Manhole Rehab | Manholes (no rehab required) | Proposed CIPP Lining | Ex Wastewater (no rehab required)

0 250 500 1,000 Feet

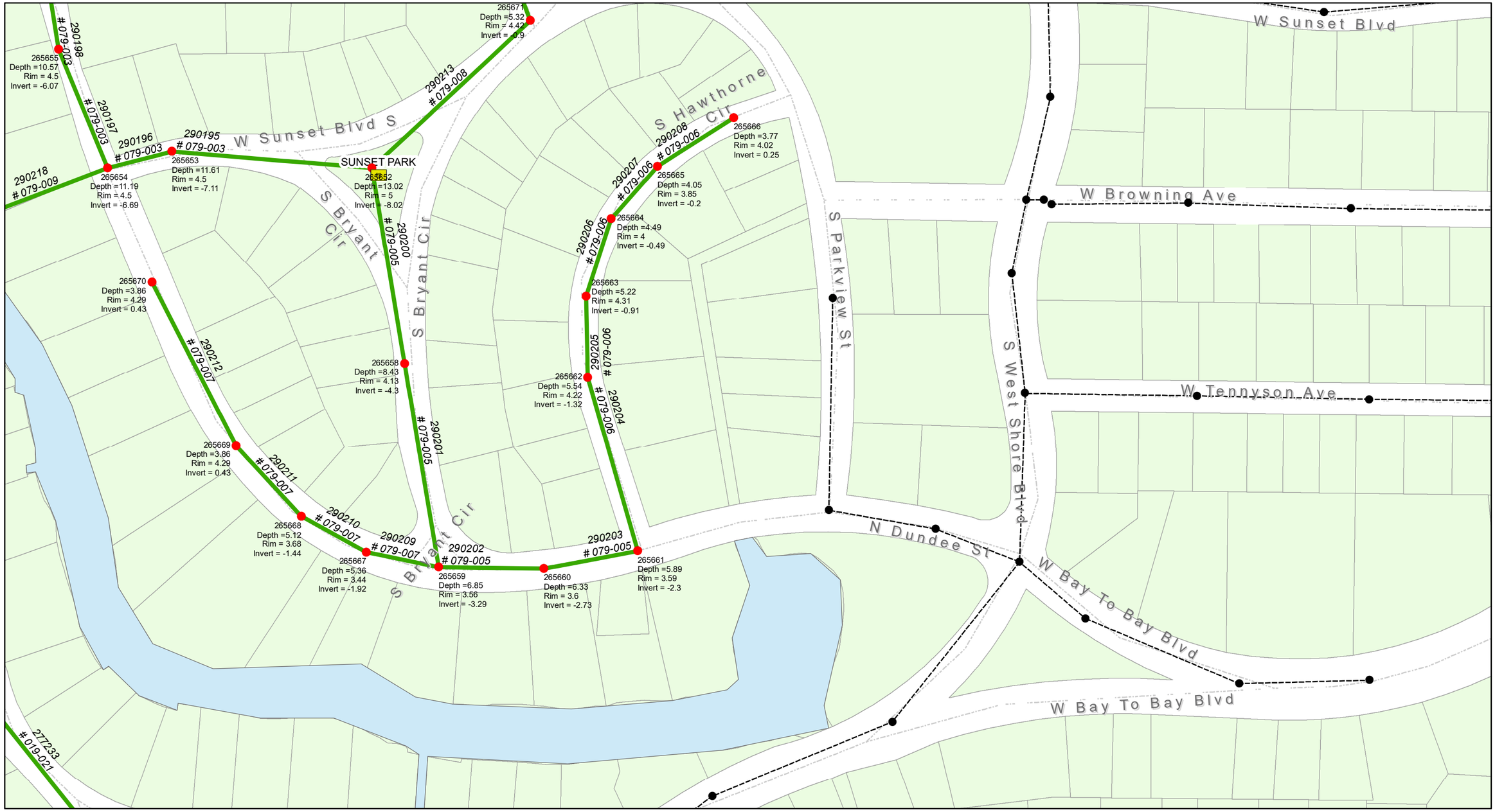
City of Tampa Florida

N

Sheet No. 5 of 50

Matchline See Sheet 4

Matchline See Sheet 5



Matchline See Sheet 8

Sunset Park Gravity Sewer Rehabilitation by CIPP

City of Tampa Wastewater Department

Legend

Proposed Manhole Rehab | Manholes (no rehab required) | Proposed CIPP Lining | Ex Wastewater (no rehab required)

0 250 500 1,000 Feet

City of Tampa Florida

N

Sheet No. 6 of 50

Matchline See Sheet 5

257185
Depth =2.62
Rim = 5.2
Invert = 2.58

277223
019-019

257186
Depth =2.9
Rim = 5
Invert = 2.1

277222
019-019

257187
Depth =3.48
Rim = 5.1
Invert = 1.62

277221
019-019

257188
Depth =4.06
Rim = 5.2
Invert = 1.14

277220
019-019

257189
Depth =4.34
Rim = 5
Invert = 0.66

277219
019-019

257190
Depth =4.82
Rim = 5
Invert = 0.18

277218
019-018

257191
Depth =5.96
Rim = 5.2
Invert = -0.76

277217
019-018

257192
Depth =6.76
Rim = 5.1
Invert = -1.66

277216
019-018

257193
Depth =7.48
Rim = 5.1
Invert = -2.38

277215
019-018

257194
Depth =7.42
Rim = 4
Invert = -3.42

277214
019-017

W Longfellow Ave

S Beach Dr

257259
Depth =4
Rim = 6
Invert = 2

277294
019-022

257260
Depth =3.81
Rim = 5
Invert = 1.19

277293
019-022

257261
Depth =5.12
Rim = 5.5
Invert = 0.38

277292
019-022

277295
019-024

W Homer Ave

257262
Depth =5.63
Rim = 5.2
Invert = -0.43

277291
019-022

257251
Depth =3.63
Rim = 4
Invert = 0.37

277289
019-024

257252
Depth =5.28
Rim = 4.5
Invert = -0.78

277288
019-024

257253
Depth =5.38
Rim = 4
Invert = -1.38

257254
Depth =3.71
Rim = 4
Invert = 0.29

277286
019-023

257255
Depth =5.66
Rim = 4.9
Invert = -0.76

277285
019-023

W Dickens Ave

257263
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Rim = 5
Invert = -1.39

257238
Depth =4.8
Rim = 5
Invert = 0.2

277227
019-020

257239
Depth =5.84
Rim = 5
Invert = -0.84

277226
019-020

W Leona St

Matchline See Sheet 8

Sunset Park Gravity Sewer Rehabilitation by CIPP

City of Tampa Wastewater Department

Legend

Proposed Manhole Rehab
Manholes (no rehab required)
Proposed CIPP Lining
Ex Wastewater (no rehab required)

0 250 500 1,000 Feet

City of Tampa Florida

N

Sheet No. 7 of 50

Matchline See Sheet 6

Matchline See Sheet 7

See Matchine A, this sheet

See Matchine A, this sheet

Sunset Park Gravity Sewer Rehabilitation by CIPP

City of Tampa Wastewater Department

Legend

Proposed Manhole Rehab | Manholes (no rehab required) | Proposed CIPP Lining | Ex Wastewater (no rehab required)

0 250 500 1,000 Feet

City of Tampa Florida

N

Sheet No. 8 of 50

12th St and Busch Blvd Gravity Sewer Rehabilitation by CIPP

City of Tampa Wastewater Department

Legend

Proposed Manhole Rehab | Manholes (no rehab required) | Proposed CIPP Lining | Ex Wastewater (no rehab required)

0 250 500 1,000 Feet

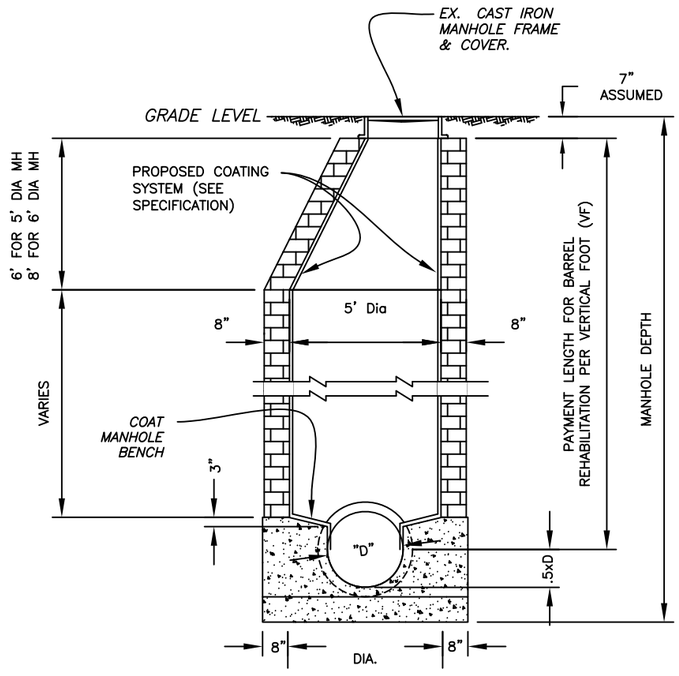
City of Tampa Florida

N

Sheet No. 9 of 50

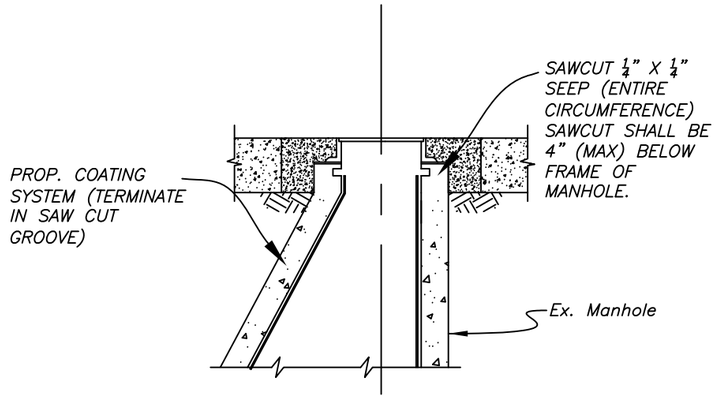
NOTES

1. IT IS THE ENGINEER'S INTENT THAT THE MANHOLE REHABILITATION WILL NOT REQUIRE BYPASS PUMPING. HOWEVER, WORK DURING LOW–FLOW PERIODS MAY BE NECESSARY.



BRICK MANHOLE
(TYPICAL)

NOT TO SCALE



COATING TERMINATION DETAIL

NOT TO SCALE

CTB – MONOCHROME.CTB

JACINTO CARLOS FERRAS, P.E. #49454
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SUNSET PARK GRAVITY SEWER REHABILITATION BY CIPP
MANHOLE DETAIL 1 OF 2

W.O.
SHEET 10 OF 50