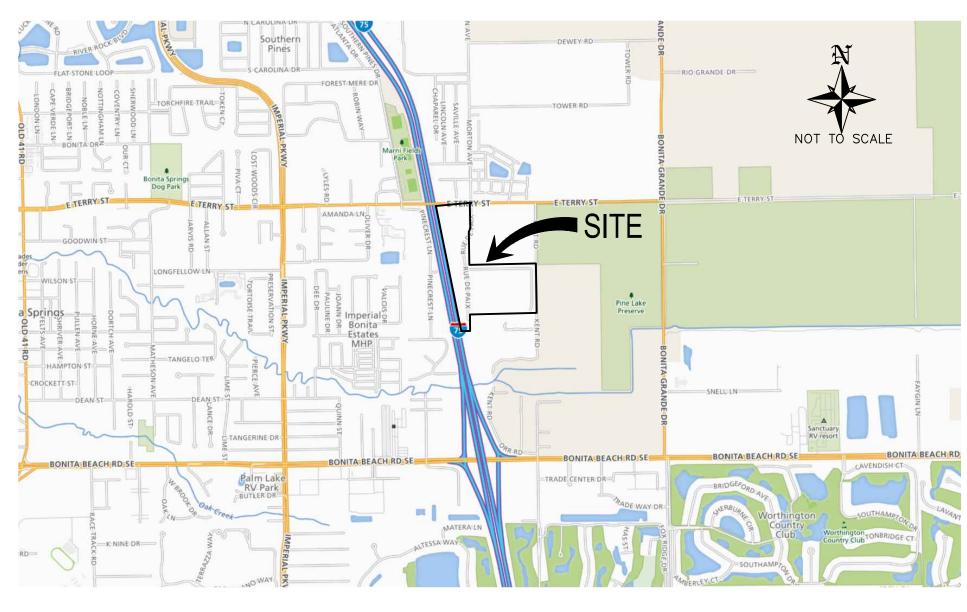


**GENERAL LOCATION MAP** 



LOCATION MAP

SECTION 31, TOWNSHIP 47 SOUTH, RANGE 26 EAST LEE COUNTY, FLORIDA

# LAKES OF SANS SOUCI **GRAVITY SEWER EXPANSION**

## **PREPARED FOR:** BONITA SPRINGS UTILITIES 11860 EAST TERRY STREET BONITA SPRINGS, FL. 34135 (239) 390-4805 (239) 390-4905

### **UTILITY SERVICE PROVIDERS**

WATER: BONITA SPRINGS UTILITIES

<u>SEWER:</u> BONITA SPRINGS UTILITIES

ELECTRIC: FLORIDA POWER AND LIGHT

PHONE: CENTURY LINK

FIRE PROTECTION: BONITA SPRINGS FIRE DISTRICT

SOLID WASTE DISPOSAL: ONYX WASTE SERVICE

11900 E. TERRY STREET BONITA SPRINGS, FL 34135 PH (239) 992-0711

11900 E. TERRY STREET BONITA SPRINGS, FL 3413 PH (239) 992-071

15834 WINKLER ROAD FORT MYERS, FL 33908 PH (239) 415-1300

2820 CARGO STREET FORT MYERS, FL 33901 PH (239) 366-2114

27490 OLD 41 ROAD BONITA SPRINGS, FL 34135 PH (239) 992-3320

17101 PINE RIDGE ROAD FORT MYERS BEACH, FL 33931 (239) 334-1224

#### **PROJECT CONTACTS**

CIVIL ENGINEER: BANKS ENGINEERING D BRENT ADDISON, P.E. PROJECT MANAGER

SURVEYOR: BANKS ENGINEERING

10511 SIX MILE CYPRESS PKWY. FORT MYERS FLORIDA 33966 PHONE: (239) 939-5490

10511 SIX MILE CYPRESS PKWY. FORT MYERS FLORIDA 33966 PHONE: (239) 939-5490



Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida

> 10511 SIX MILE CYPRESS PARKWAY FORT MYERS, FLORIDA 33966 PHONE: (239) 939-5490 FAX: (239) 939-2523 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM

| Sheet List Table |                                 |  |  |  |  |  |  |
|------------------|---------------------------------|--|--|--|--|--|--|
| SHEET            |                                 |  |  |  |  |  |  |
| NUMBER           | SHEET TITLE                     |  |  |  |  |  |  |
| )1               | COVER SHEET                     |  |  |  |  |  |  |
|                  | AERIAL-EXISTING CONDITIONS PLAN |  |  |  |  |  |  |
| )2<br>)3         | MASTER UTILITY PLAN             |  |  |  |  |  |  |
| 04               | PLAN & PROFILE 1                |  |  |  |  |  |  |
| 05               | PLAN & PROFILE 2                |  |  |  |  |  |  |
| 06               | PLAN & PROFILE 3                |  |  |  |  |  |  |
| 70               | PLAN & PROFILE 4                |  |  |  |  |  |  |
| 08               | MISC - DETAILS                  |  |  |  |  |  |  |
| )9               | WASTEWATER-BSU-DETAILS          |  |  |  |  |  |  |
| 10               | COMBO-BSU-DETAILS               |  |  |  |  |  |  |
| 11               | BEST MANAGEMENT PRACTICE PLAN   |  |  |  |  |  |  |



1 2/28/2022 REVISED PER BONITA SPRINGS UTILITY COMMENTS

REVISION DESCRIPTION

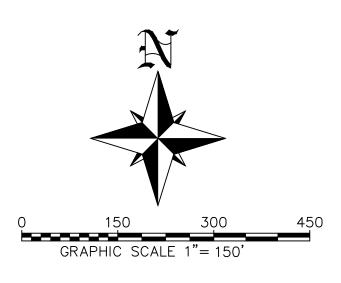


BONITA SPRINGS UTILITIES

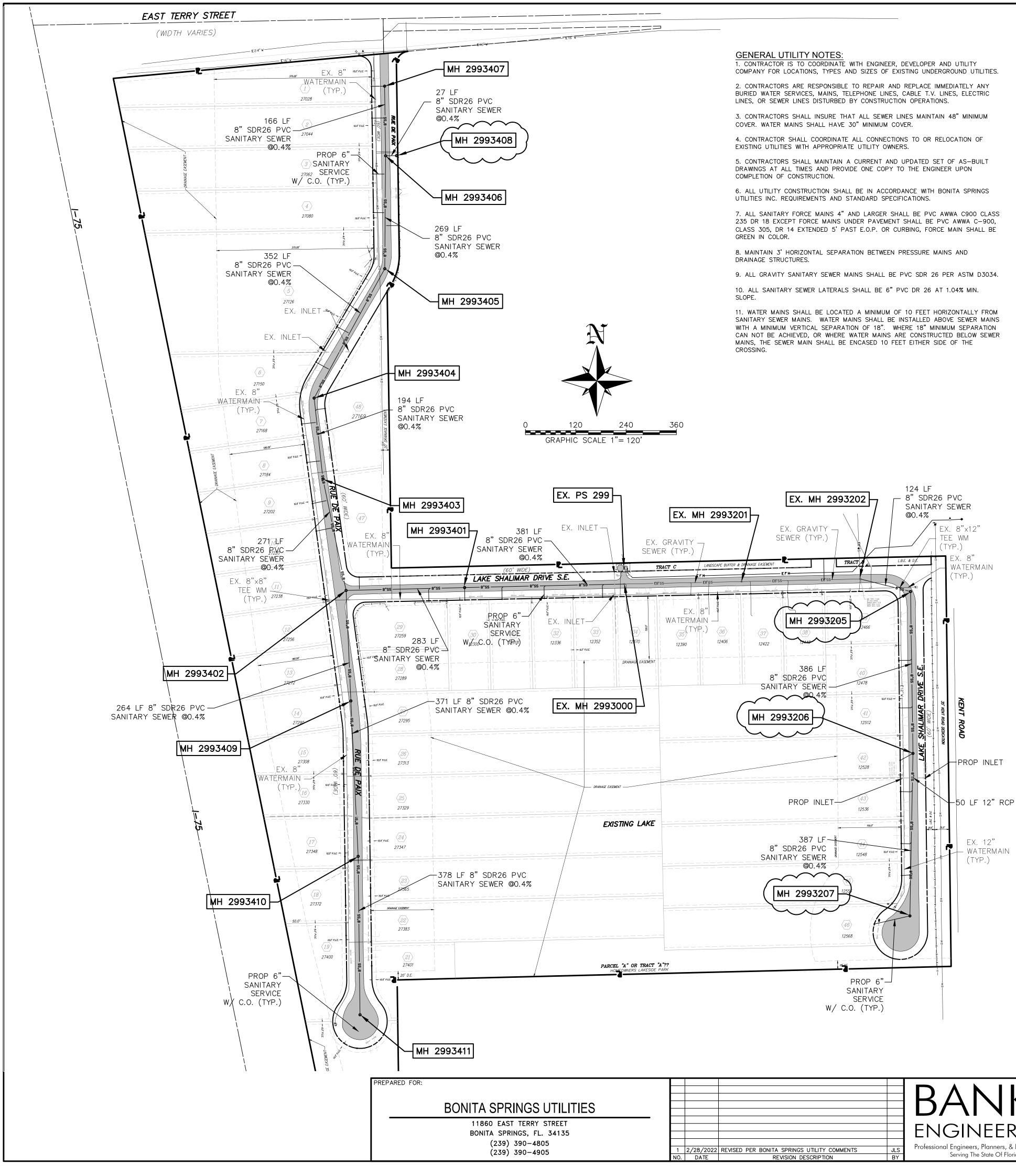
PREPARED FOR:

11860 EAST TERRY STREET BONITA SPRINGS, FL. 34135 (239) 390-4805 (239) 390-4905

|                      |    | BANKS  | 10511 SIX MILE CYPRESS PARKWAY<br>FORT MYERS, FLORIDA 33966<br>PHONE: (239) 939–5490 FAX: (239) 939–25 |
|----------------------|----|--|--|
|                      |    | ENGINEERING  | ENGINEERING LICENSE # EB 6469<br>SURVEY LICENSE # LB 6690  |
| REVISION DESCRIPTION | BY | Professional Engineers, Planners, & Land Surveyors<br>Serving The State Of Florida | WWW.BANKSENG.COM   |



|       |                                      | AERIAL-EXISTING CONDITIONS PLAN |         |         |        |       |         |         |       |  |  |
|-------|--------------------------------------|---------------------------------|---------|---------|--------|-------|---------|---------|-------|--|--|
| -2523 |                                      | R EXPAI                         | NSION   |         |        |       |         |         |       |  |  |
|       |                                      | LEE COUNTY, FLORIDA             |         |         |        |       |         |         |       |  |  |
|       |                                      | DATE                            | PROJECT | DRAWING | DESIGN | DRAWN | CHECKED | SCALE   | SHEET |  |  |
|       | D. BRENT ADDISON<br>P.E. LIC. #70611 | 2/14/2020                       | 8381SS  | AERIAL  | DBA    | JLS   | DBA     | 1"=150' | 02    |  |  |



12. ALL FIELD LAYOUT SURVEYING FOR CONSTRUCTION AND LOCATING EASEMENTS, ROW, AND PROPERTY LINES FOR THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR AT THEIR EXPENSE; UNDER THE DIRECTION OF A LICENSED PROFESSIONAL LAND SURVEYOR.

13. BENCH MARK DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NAVD 1988).

14. EXISTING SUBSURFACE UTILITY HORIZONTAL ALIGNMENTS WERE ESTABLISHED THROUGH THE USE OF AVAILABLE RECORDS AND, THEREFORE, ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITY COMPANIES NO LATER THAN 48 HOURS PRIOR TO COMMENCING WORK IN A SPECIFIC AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL UTILITIES SIZE AND LOCATIONS WITHIN THE WORK AREA PRIOR TO BEGINNING WORK IN THE SPECIFIC AREA.

15. CONTACT SUNSHINE STATE ONE CALL OF FLORIDA (SSOCOF) (811 or 1-800-432-4770) FOR ASSISTANCE IN FIELD LOCATING UNDERGROUND UTILITIES AT LEAST48 HOURS BEFORE STARTING WORK IN A PROJECT AREA.

16. BURIED PHONE LINES EXIST THROUGHOUT THE LIMITS OF WORK BUT MAY NOT BE IDENTIFIED ON THE DRAWINGS. PROCEED WITH CAUTION TO MAINTAIN THE PHONE SERVICES. DAMAGES TO, OR RELOCATION OF PHONE LINES DURING CONSTRUCTION SHALL BE REPORTED IMMEDIATELY TO AND/OR COORDINATED WITH CENTURYLINK TELEPHONE AND REPAIRED OR RELOCATED AT THE CONTRACTOR'S EXPENSE.

17. WATER, SEWER, AND IRRIGATION SERVICES MAY EXIST WITHIN THE LIMITS OF WORK BUT MAY NOT BE IDENTIFIED ON THE DRAWINGS. PROCEED WITH CAUTION TO MAINTAIN THE WATER SERVICES. DAMAGES TO, OR RELOCATION OF WATER SERVICES DURING CONSTRUCTION SHALL BE REPORTED IMMEDIATELY TO AND/OR COORDINATED WITH BONITA SPRINGS UTILITIES AND REPAIRED OR RELOCATED AT THE CONTRACTOR'S EXPENSE.

18. OVERHEAD AND UNDERGROUND ELECTRIC LINES EXIST THROUGHOUT THE LIMITS OF WORK BUT MAY NOT BE SHOWN ON THE DRAWINGS. PROCEED WITH CAUTION TO PROTECT THE ELECTRIC LINES AND POLES. DAMAGES TO, OR RELOCATION OF ELECTRIC LINES OR POLES SHALL BE REPORTED IMMEDIATELY TO AND/OR COORDINATED WITH POWER COMPANY AND REPAIRED OR RELOCATED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL ARRANGE AND PAY FOR ALL UTILITY POLE BRACING REQUIRED BY HIS OPERATIONS.

19. BURIED CABLE AND FIBER OPTIC LINES EXIST THROUGHOUT THE LIMITS OF WORK BUT MAY NOT BE SHOWN ON THE DRAWINGS. PROCEED WITH CAUTION TO PROTECT THE BURIED CABLE AND FIBER OPTIC LINES. DAMAGES TO OR RELOCATION OF CABLE AND FIBER OPTIC LINES SHALL BE REPORTED IMMEDIATELY TO AND/OR COORDINATED WITH THE CABLE COMPANY AND REPAIRED OR RELOCATED AT THE CONTRACTOR'S EXPENSE.

20. DISRUPTION OR DAMAGE TO EXISTING UTILITY LINES SHALL BE REPORTED TO THE UTILITY OWNER, BONITA SPRINGS UTILITIES AND ENGINEER IMMEDIATELY.

21. CONTRACTOR SHALL EXCAVATE TEST PITS FOR THE PURPOSE OF PROTECTING AND CONFIRMING LOCATION AND DEPTH OF EXISTING UTILITIES OR STRUCTURES IN ADVANCE OF CONSTRUCTION. TEST PITS SHALL BE DUG BY HAND AND BACKFILLED IMMEDIATELY AFTER THEIR PURPOSE HAS BEEN SATISFIED AND SHALL NOT REMAIN OPEN DURING NONWORKING HOURS.

22. DISINFECTION AND SAMPLING WILL BE REQUIRED WHEREVER AN EXISTING WATER MAIN OR SERVICE IS DISTURBED DUE TO CONSTRUCTION ACTIVITY AT THE CONTRACTOR'S EXPENSE. BSU WITH ASSISTANCE FROM THE CONTRACTOR WILL SUPPLY THE AFFECTED PROPERTY OWNERS WITH A NOTICE TO BOIL WATER WHEREVER THE EXISTING WATER MAINS OR SERVICES ARE DISTURBED.

23. THE CONTRACTOR SHALL MINIMIZE THE DISRUPTION OF SERVICE TO ANY EXISTING FIRE HYDRANTS. THE FIRE DEPARTMENT SHALL BE NOTIFIED A MINIMUM OF 72 HOURS IN ADVANCE OF ANY AND ALL WORK REQUIRING DISRUPTION.

24. LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES EXPOSED DURING CONSTRUCTION SHALL BE ACCURATELY RECORDED ON THE CONSTRUCTION DRAWINGS. THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY CONFLICTS WITH THE PROPOSED CONSTRUCTION.

25. CONTRACTOR SHALL PROVIDE SUPPLEMENTAL PHYSICAL SUPPORT FOR EXISTING UTILITIES THAT ARE EXPOSED BY EXCAVATION AS DIRECTED BY THE ENGINEER. THERE SHALL BE NO VISIBLE DEFLECTION ON EXISTING UTILITIES AS THEY ARE UNDERMINED FOR TRENCHING.

26. ANY AND ALL AREAS DISTURBED DURING CONSTRUCTION ACTIVITIES SHALL BE COMPLETELY RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING PRIOR TO CONSTRUCTION.

27. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SHAPE THE PAVEMENT AT INTERSECTIONS, STREETS, AND DRIVEWAYS SO THAT POSITIVE DRAINAGE WILL BE MAINTAINED WITH NO PONDING OF WATER AS A RESULT OF THE NEW CONSTRUCTION.

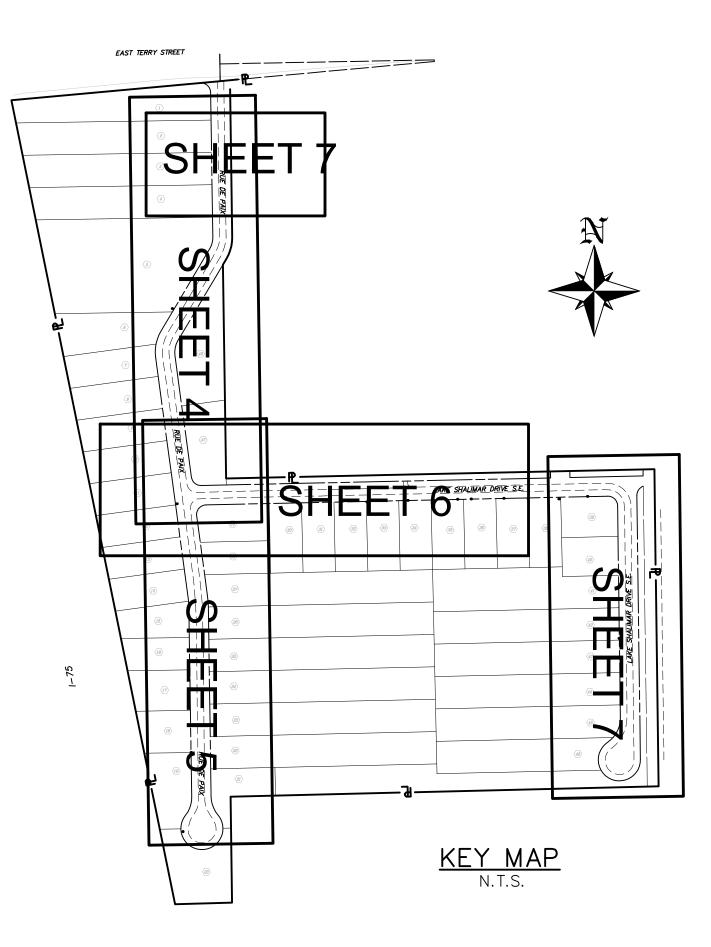
28. PROPERTY MARKERS, SURVEY MONUMENTS AND PERMANENT MARKERS SHALL BE PROTECTED BY THE CONTRACTOR. NOTIFY OWNER IF ANY MONUMENTS MIGHT BE DISTURBED. THE CONTRACTOR'S REGISTERED SURVEYOR SHALL REPLACE ANY MARKERS THAT ARE DISTURBED. ONLY AS APPROVED BY THE CITY SURVEYOR.

29. EXISTING GRAVITY SEWER MAIN FLOW PATH SHALL BE MAINTAINED IN OPERATION AT ALL TIMES. BYPASS PUMPING AS REQUIRED BY THE CONTRACTOR'S ACTIVITIES SHALL BE AT THE CONTRACTOR'S EXPENSE.

30. ALL EXISTING TRAFFIC SIGNS, ARE LIGHTS, AND SIGNALIZATION LOOPS WITHIN THE PROPOSED CONSTRUCTION LIMITS ARE TO BE PROTECTED BY THE CONTRACTOR. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS WHERE DIRECTED. IF THE SIGNS ARE DAMAGED BEYOND USE, SIGNS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

31. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY AND SHALL PROVIDE ALL SHORING, SHEETING, AND BRACING NECESSARY TO PROTECT WORKMEN, ADJACENT STRUCTURES, UTILITIES, EXISTING PAVEMENT, OR TO MINIMIZE TRENCH WIDTH.

| ITIES |     |           |   |     | BANKS  | 10511 SIX MILE CYPRESS PARKWAY<br>FORT MYERS, FLORIDA 33966 |
|-------|-----|-----------|---|-----|--|---|
|       |     |           |   |     |  | PHONE: (239) 939-5490 FAX: (239) 939-2523                   |
| 5     |     |           |   |     | ENGINEERING  | ENGINEERING LICENSE # EB 6469<br>SURVEY LICENSE # LB 6690   |
|       | 1   | 2/28/2022 | REVISED PER BONITA SPRINGS UTILITY COMMENTS | JLS | Professional Engineers, Planners, & Land Surveyors | WWW.BANKSENG.COM  |
|       | NO. |           | REVISION DESCRIPTION                        | BY  | Serving The State Of Florida                       |   |



32. IF USED, INSTALL TEMPORARY STEEL SHEET PILING IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS SECTIONS 455-8 AND 455-9. SUBMIT SHEETING CALCULATIONS SEALED BY FLORIDA LICENSED

PROFESSIONAL ENGINEER A MINIMUM OF 7 DAYS PRIOR TO INSTALLATION.

TRENCH SUMP DEWATERING FLOWS IN ACCORDANCE WITH THE

33. THE CONTRACTOR IS RESPONSIBLE FOR PUMPING ALL WELL POINT AND CONTRACTOR OBTAINED DEWATERING PERMIT. THE CONTRACTOR SHALL

CATCH BASIN OR DITCH BOTTOM INLET AS DETAILED IN THESE

DRAWINGS. INLET AND PIPES DAMAGED FOR THE CONVENIENCE OF

THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S

LATERALS ARE BASED ON AVAILABLE INFORMATION AT TIME OF

NOTICE TO EVALUATE AND APPROVE REQUESTS FOR RELOCATING

37. FURNISH AND MAINTAIN MAINTENANCE OF TRAFFIC EQUIPMENT AND LABOR (BARRICADES, SIGNS, FLAGMEN, ETC.) IN ACCORDANCE

FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC

38. TOP OF MANHOLE FRAME (RIM) ELEVATIONS ARE GIVEN FOR REFERENCE. INSTALL TOP OF MANHOLES FLUSH WITH FINAL

39. EXCESS SOIL FROM EXCAVATION AND MILLED OR EXCAVATED

INCLUDE THE COST FOR DISPOSING OF THESE WASTE MATERIALS IN

THE UNIT PRICE OF THE ITEM TO WHICH IT PERTAINS OR IS MOST

CLOSELY ASSOCIATED. NO SEPARATE PAYMENT ITEM FOR THESE

40. REPLACE IN KIND SIDEWALKS, DRIVES, LAWNS, MAIL BOXES,

41. ROAD RESTORATION SHALL BE IN ACCORDANCE WITH THE

OR THE STAGING OF MATERIAL OR DEWATERING.

INTERSECTIONS SHALL BE THERMOPLASTIC.

BARS. ARROWS AND OTHER STRIPING AT SIGNALIZED

SPRINKLERS, ETC., REMOVED OR DAMAGED DURING CONSTRUCTION

42. ALL REMOVED PAVEMENT MARKING INCLUDING SOLID LINES, STOP

43. ALL DIRT AND DEBRIS TRACKED ON TO CITY STREETS OUTSIDE OF

44. THE GENERAL CIVIL (GC) DETAILS MAY INCLUDE WORK NOT APPLICABLE

TO THE PROJECT. ALL GENERAL NOTES ARE APPLICABLE TO THE PROJECT.

CONSTRUCTION AREA MUST BE CLEANED UP AND BROOMED DAILY.

IMPLEMENT DUST CONTROL IN ACCORDANCE WITH THE CONTRACT

ASPHALT SHALL BE THE PROPERTY OF THE CONTRACTOR.

DESIGN. PROVIDE ENGINEER A MINIMUM OF SEVEN (7) DAYS

THE UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE

DESIGN STANDARDS UNTIL PAVING OVERLAY IS COMPLETED.

36. LOCATIONS OF PROPOSED SEWER, AND WATER

THE CURRENT EDITION OF THE MANUAL ON

ASPHALT SURFACE COURSE OVERLAY.

ACTIVITIES WILL BE PERMISSIBLE.

CONTRACT DOCUMENTS.

DOCUMENTS.

EXPENSE.

LATERALS.

35.THE CONTRACTOR SHALL REPLACE ANY CATCH BASIN OR DITCH BOTTOM INLET WHICH IS DAMAGED DURING CONSTRUCTION WITH A

CONSTRUCTED FACILITIES, PROPERTY AND WATER BODIES IN REGULATIONS. OBTAIN NPDES PERMIT WHERE REQUIRED AS SPECIFIED IN SECTION 01066 NPDES REQUIREMENTS. KEEP A COPY OF ALL APPLICABLE PERMITS ONSITE.

USE PERMIT, AND APPLICABLE FEDERAL, STATE, AND LOCAL

FURNISH, INSTALL AND MAINTAIN SITE SPECIFIC EROSION AND

ACCORDANCE WITH THE CONTRACT DOCUMENTS, OWNER'S WATER

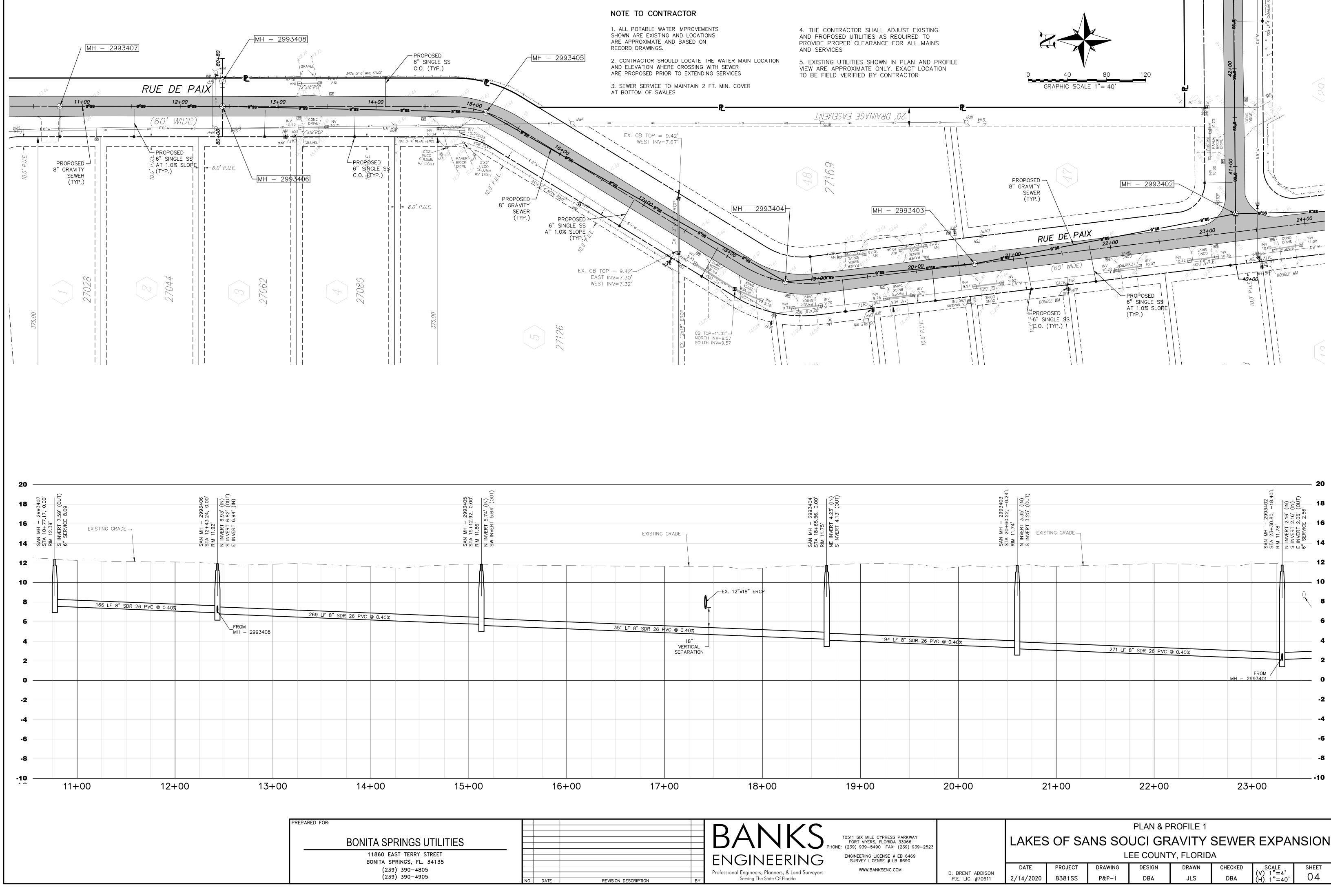
SYSTEMS AFFECTED BY THE WORK AT THE END OF CONSTRUCTION. SEDIMENT CONTROL PROCEDURES TO PROTECT BOTH EXISTING AND

34. PROTECT AND MAINTAIN DRAINAGE SYSTEMS. CLEAN DRAINAGE

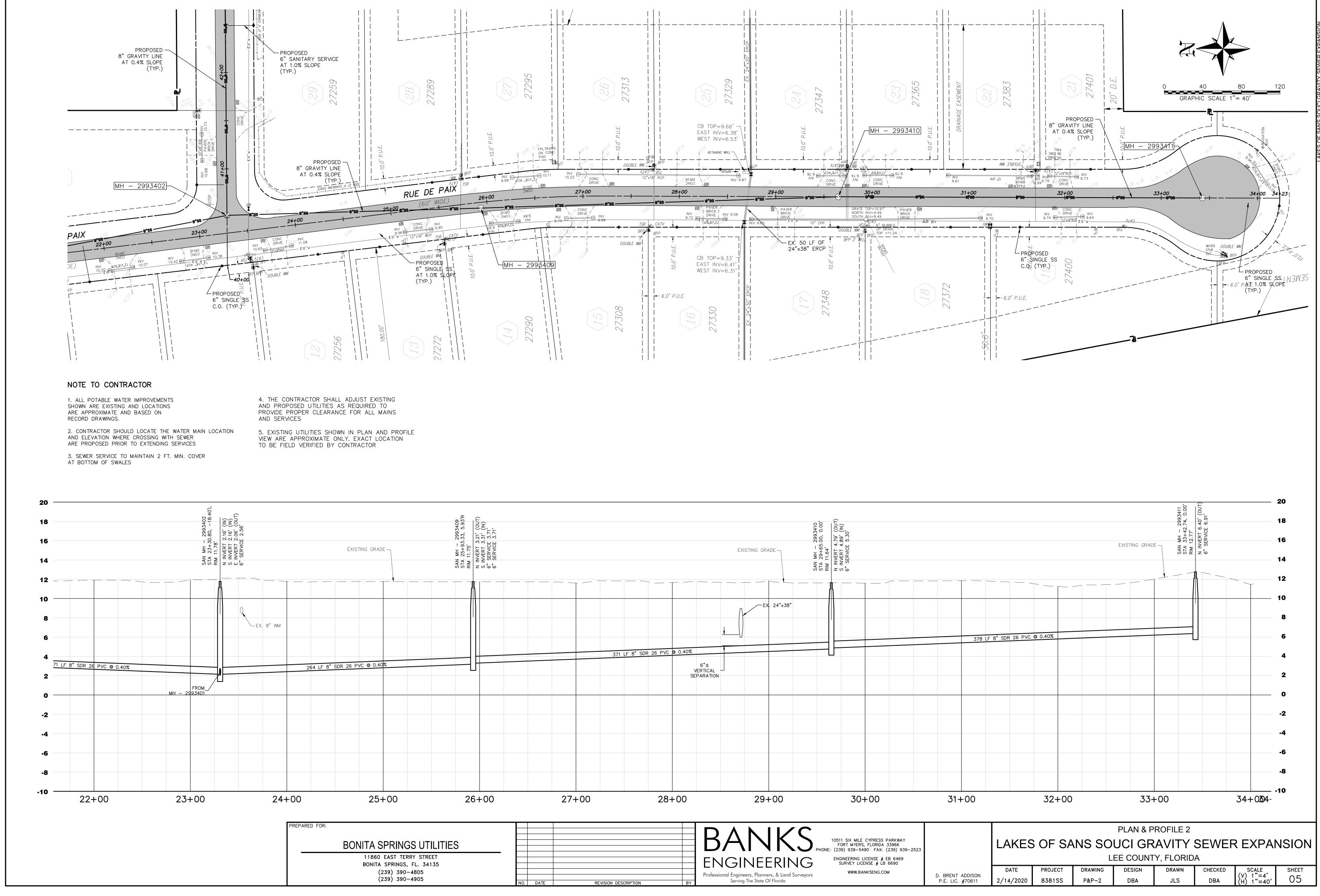
BE KNOWLEDGEABLE OF THE DRAINAGE STORM WATER SYSTEM.

MASTER UTILITY PLAN LAKES OF SANS SOUCI GRAVITY SEWER EXPANSION

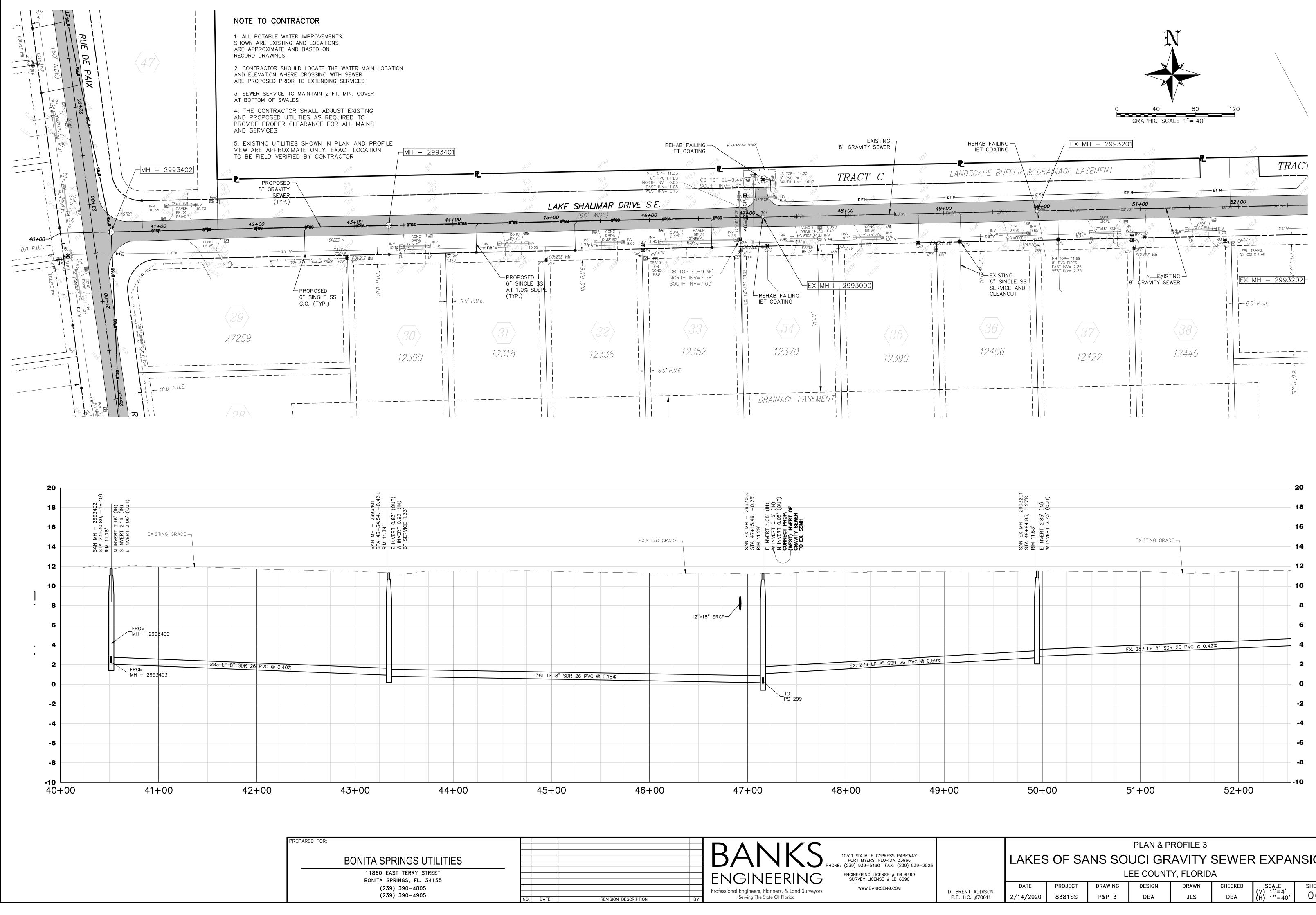
|                  |           | LEE COUNTY, FLORIDA |         |        |       |         |         |       |  |
|------------------|-----------|---------------------|---------|--------|-------|---------|---------|-------|--|
| D. BRENT ADDISON | DATE      | PROJECT             | DRAWING | DESIGN | DRAWN | CHECKED | SCALE   | SHEET |  |
| P.E. LIC. #70611 | 2/14/2020 | 8381SS              | MUP     | DBA    | JLS   | DBA     | 1"=120' | 03    |  |
|                  |           |                     |         |        |       |         |         |       |  |



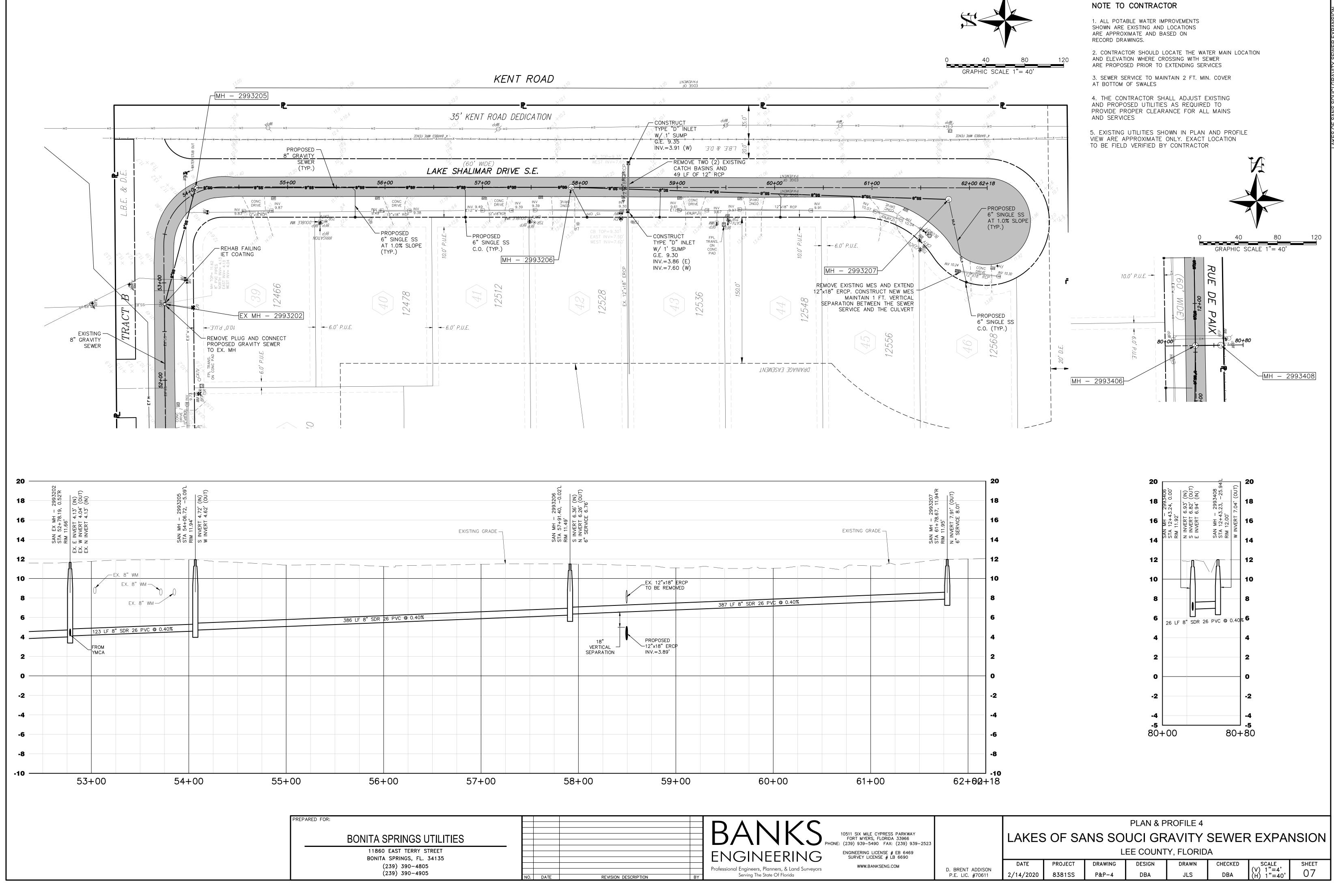
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|        |                                      |                   |                   |                  |               |              |                |                                  | -4          |
|        |                                      |                   |                   |                  |               |              |                |                                  | -6          |
|        |                                      |                   |                   |                  |               |              |                |                                  | -8          |
|        |                                      |                   |                   |                  |               |              |                |                                  |             |
|        | 20+00                                | 2                 | 1+00              |                  | 22+00         |              | 23-            | +00                              |             |
|        |                                      |                   |                   |                  |               |              |                |                                  |             |
|        |                                      |                   |                   |                  | PLAN & P      | ROFILE 1     |                |                                  |             |
| 9–2523 |                                      | LAKES             | S OF SA           | NS SO            | UCI GR        | AVITY        | SEWEF          | R EXPAN                          | ISION       |
|        |                                      |                   |                   | L                | EE COUNT      | Y, FLORID    | A              |                                  |             |
|        | D. BRENT ADDISON<br>P.E. LIC. #70611 | DATE<br>2/14/2020 | PROJECT<br>8381SS | DRAWING<br>P&P-1 | DESIGN<br>DBA | DRAWN<br>JLS | CHECKED<br>DBA | SCALE<br>(V) 1"=4'<br>(H) 1"=40' | sheet<br>04 |
|        |                                      |                   |                   |                  |               |              |                |                                  |             |



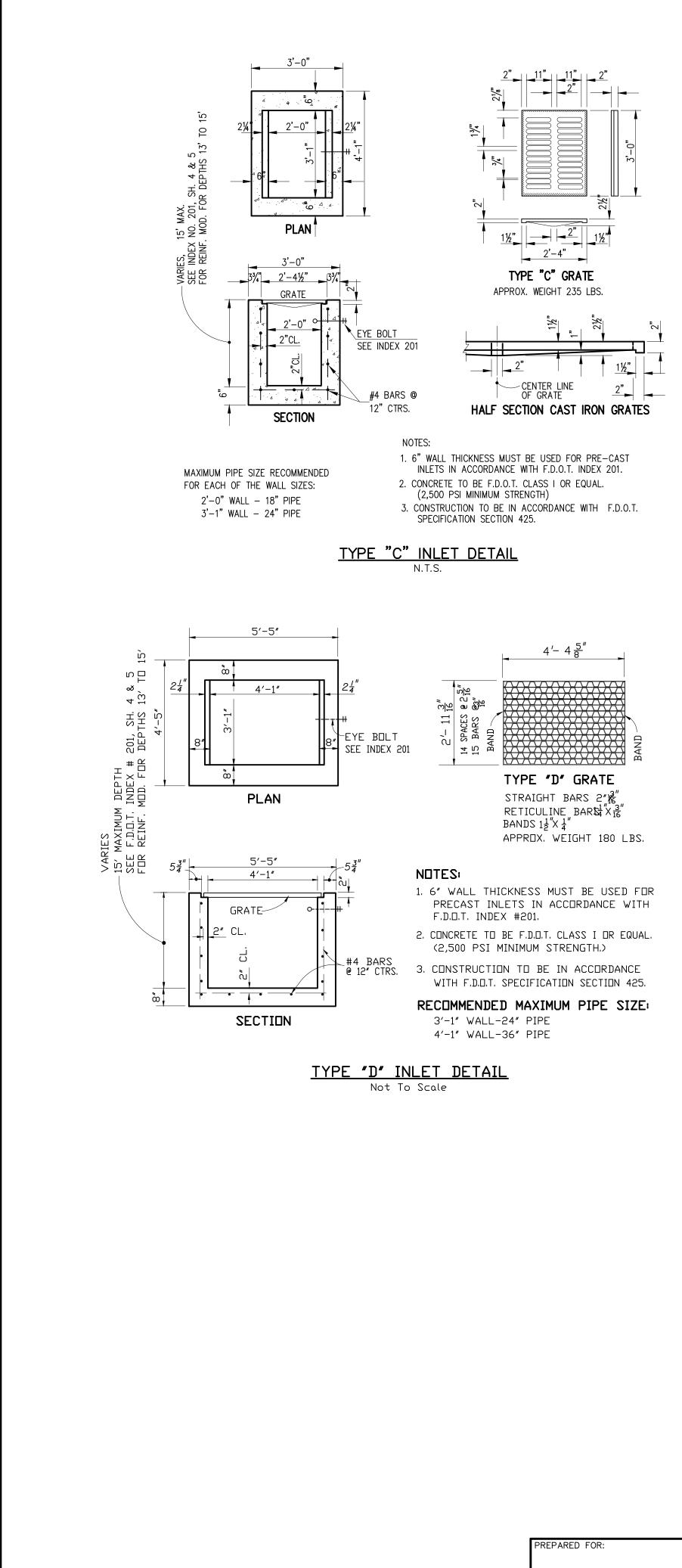
|      |  |                  |         |       |        |          |         |                         | 20    |
|------|--|------------------|---------|-------|--------|----------|---------|-------------------------|-------|
|      | EXISTING GLADE<br>6" SERVICE 6.91' (OUT)<br>6" SERVICE 6.91' (OUT) |                  |         |       |        |          |         |                         |       |
|      |  |                  |         |       |        |          |         |                         | 12    |
|      |  |                  |         |       |        |          |         |                         | 10    |
|      |  |                  |         |       |        |          |         |                         | 8     |
|      | 779  | LF 8" SDR 26 PVC | © 0.40% |       |        |          |         |                         | 6     |
|      | 3/8  |                  |         |       |        |          |         |                         |       |
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|      |  |                  |         |       |        |          |         |                         | -2    |
|      |  |                  |         |       |        |          |         |                         | -4    |
|      |  |                  |         |       |        |          |         |                         | -6    |
|      |  |                  |         |       |        |          |         |                         | -8    |
|      |  |                  |         |       |        |          |         |                         |       |
|      | 31+00  |                  | 32+00   |       | 33-    | +00      |         | 34+0004-                | -10   |
|      |  |                  |         |       |        |          |         |                         |       |
|      |  |                  |         |       |        | ROFILE 2 |         |                         |       |
| 2523 |  |                  | S OF SA |       | UCI GR |          |         | R EXPA                  | NSION |
|      | D. BRENT ADDISON   | DATE             | PROJECT |       | DESIGN | DRAWN    | CHECKED | SCALE<br>(V) 1"=4'      | SHEET |
|      | D. BRENT ADDISON<br>P.E. LIC. #70611                               | 2/14/2020        | 8381SS  | P&P-2 | DBA    | JLS      | DBA     | (V) 1 = 4<br>(H) 1"=40' | 05    |



|             |                                      |           |  |         | PLAN & P | ROFILE 3 |         |                         |       |  |  |
|-------------|--------------------------------------|-----------|--|---------|----------|----------|---------|-------------------------|-------|--|--|
| ,<br>9–2523 |                                      | LAKES     | AKES OF SANS SOUCI GRAVITY SEWER EXPANSION |         |          |          |         |                         |       |  |  |
| 0 2020      |                                      |           | LEE COUNTY, FLORIDA                        |         |          |          |         |                         |       |  |  |
|             |                                      | DATE      | PROJECT                                    | DRAWING | DESIGN   | DRAWN    | CHECKED | SCALE                   | SHEET |  |  |
|             | D. BRENT ADDISON<br>P.E. LIC. #70611 | 2/14/2020 | 8381SS                                     | P&P-3   | DBA      | JLS      | DBA     | (V) 1"=4'<br>(H) 1"=40' | 06    |  |  |
|             |                                      |           |  |         |          |          |         |                         |       |  |  |

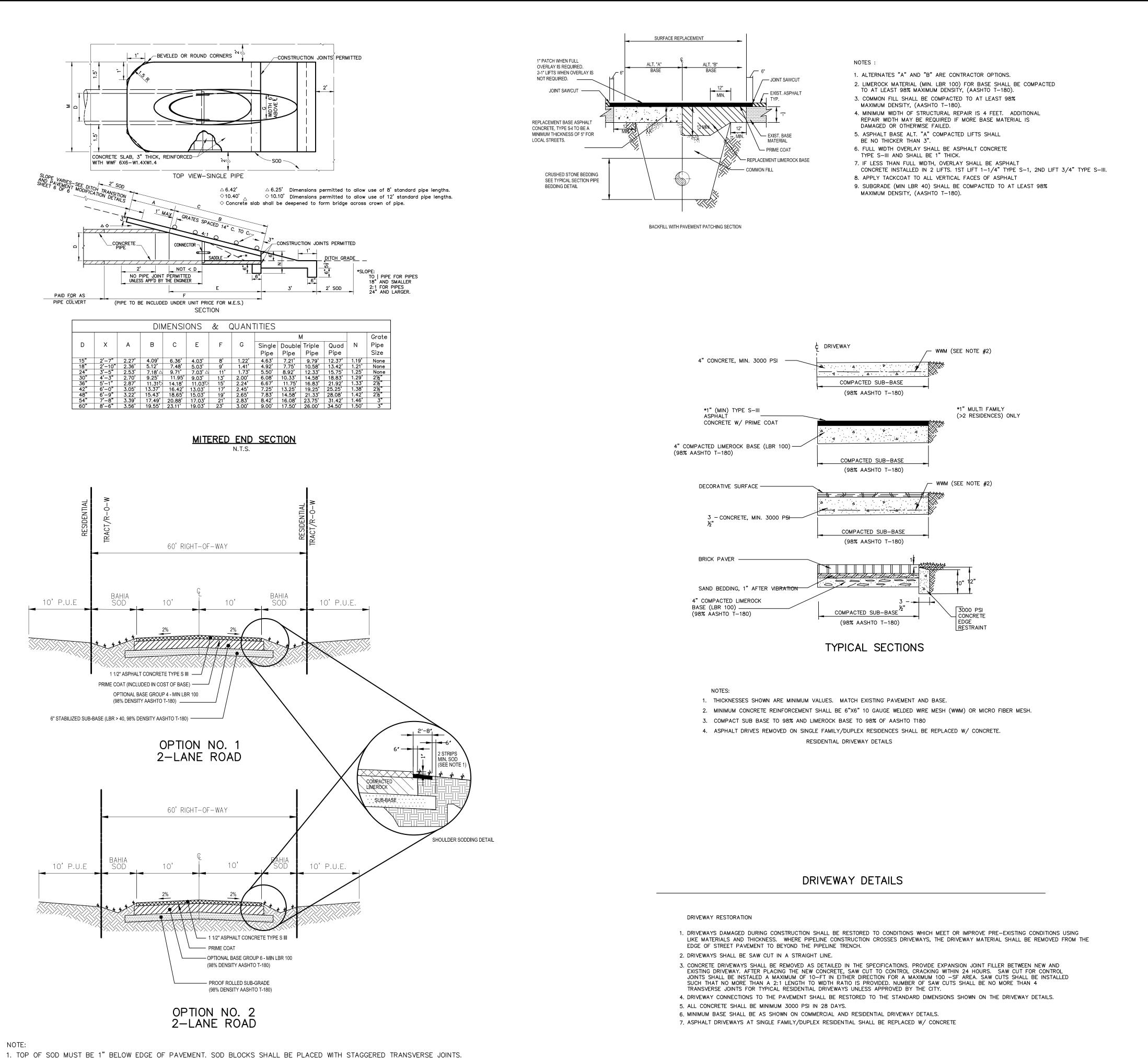


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**BONITA SPRINGS U** 

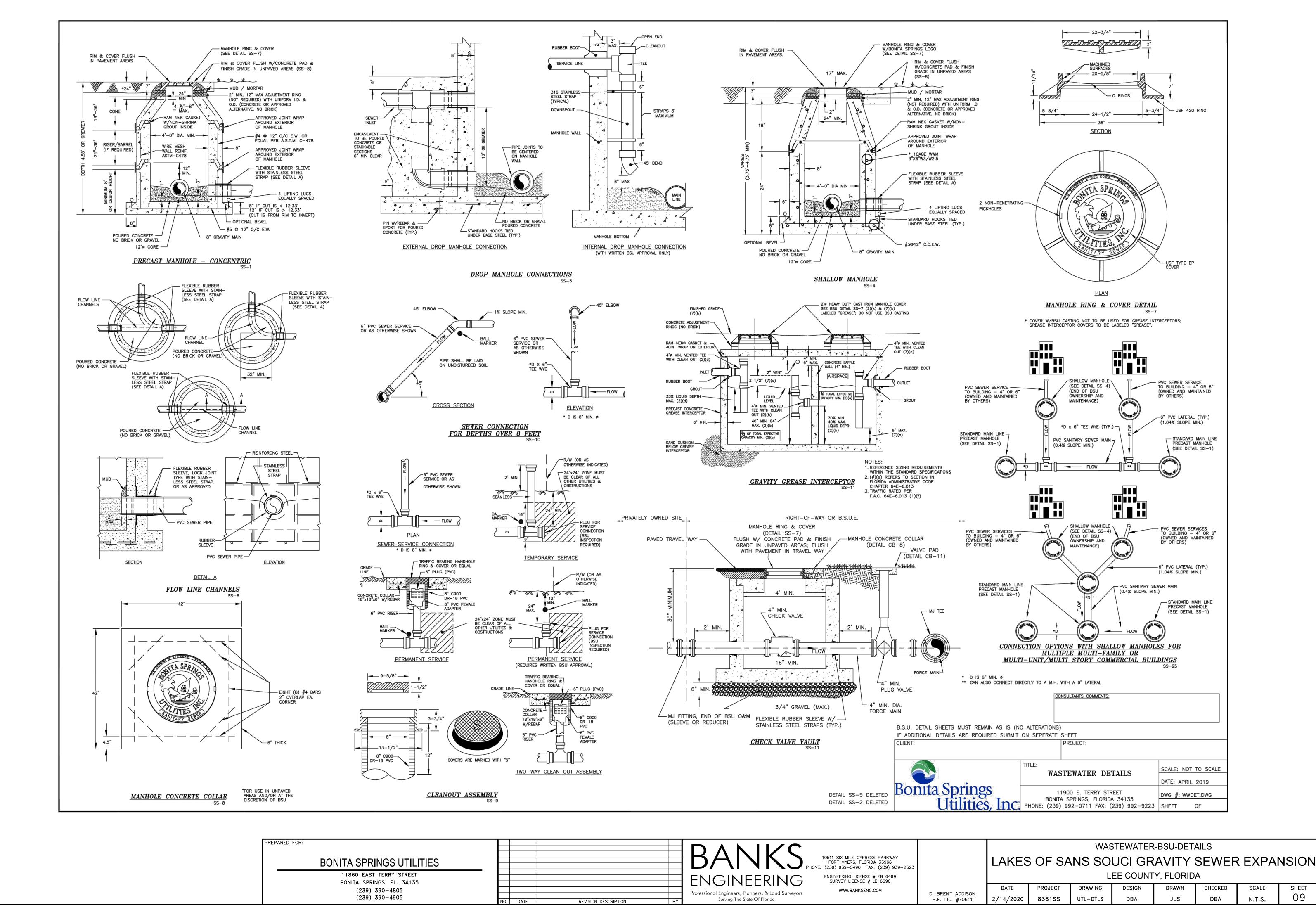
11860 EAST TERRY STI BONITA SPRINGS, FL. 3 (239) 390-4805 (239) 390-4905



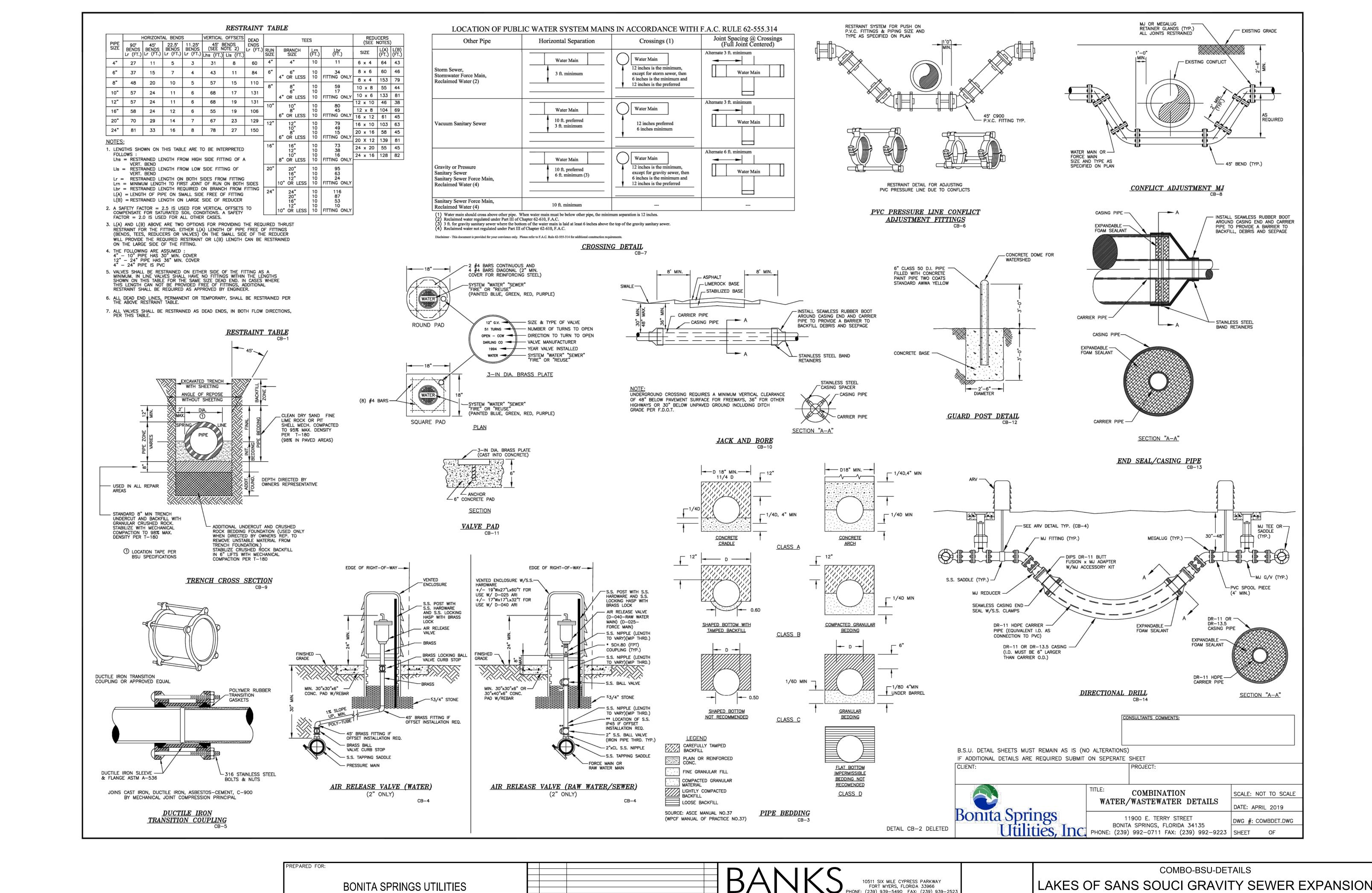
| TILITIES      |     |      |                      |    | BANKS  |
|---------------|-----|------|----------------------|----|--|
| REET<br>34135 |     |      |                      |    | ENGINEERING  |
|               | NO. | DATE | REVISION DESCRIPTION | BY | Professional Engineers, Planners, & Land Surveyors<br>Serving The State Of Florida |

10511 SIX MILE CYPRESS PARKWAY FORT MYERS, FLORIDA 33966 (239) 939-5490 FAX: (239) 939-2 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 WWW.BANKSENG.COM

|                     |                                       |           |         |           | MISC - E | DETAILS |         |        |       |  |
|---------------------|---------------------------------------|-----------|---------|-----------|----------|---------|---------|--------|-------|--|
| 2523                | LAKES OF SANS SOUCI GRAVITY SEWER EXP |           |         |           |          |         |         |        |       |  |
| LEE COUNTY, FLORIDA |                                       |           |         |           |          |         |         |        |       |  |
|                     |                                       | DATE      | PROJECT | DRAWING   | DESIGN   | DRAWN   | CHECKED | SCALE  | SHEET |  |
|                     | D. BRENT ADDISON<br>P.E. LIC. #70611  | 2/14/2020 | 8381SS  | MISC-DTLS | DBA      | JLS     | DBA     | N.T.S. | 08    |  |



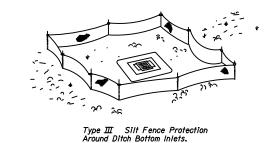
| ILITIES   |     |      |                      |    | BANKS 10511 SIX MILE CYPRESS PARKWAY<br>FORT MYERS, FLORIDA 33966<br>PHONE: (239) 939–5490 FAX: (239) 939 |
|-----------|-----|------|----------------------|----|---|
| ET<br>135 |     |      |                      |    | ENGINEERING LICENSE # EB 6469<br>SURVEY LICENSE # LB 6690   |
|           | N0. | DATE | REVISION DESCRIPTION | BY | Professional Engineers, Planners, & Land Surveyors<br>Serving The State Of Florida                        |



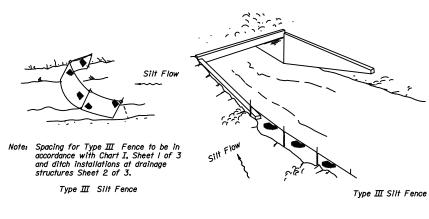
11860 EAST TERRY STRE BONITA SPRINGS, FL. 341 (239) 390-4805 (239) 390-4905

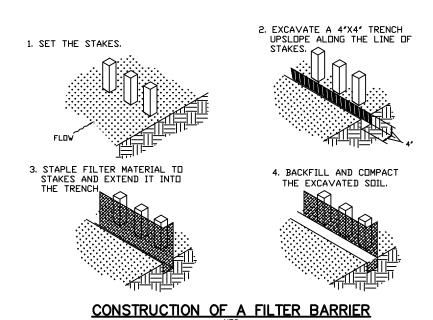
| ILITIES |                                  | BANKS 10511 SIX MILE CYPRESS PARKWAY<br>FORT MYERS, FLORIDA 33966     |
|---------|----------------------------------|---|
| ET      |                                  | PHONE: (239) 939–5490 FAX: (239) 939–                                 |
| 35      |                                  | ENGINEERING ENGINEERING LICENSE # EB 6469<br>SURVEY LICENSE # LB 6690 |
|         | P                                | Professional Engineers, Planners, & Land Surveyors WWW.BANKSENG.COM   |
|         | NO. DATE REVISION DESCRIPTION BY | Serving The State Of Florida  |

| -2523 |                                      |           | LEE COUNTY, FLORIDA |          |        |       |         |        |       |  |  |
|-------|--------------------------------------|-----------|---------------------|----------|--------|-------|---------|--------|-------|--|--|
|       |                                      | DATE      | PROJECT             | DRAWING  | DESIGN | DRAWN | CHECKED | SCALE  | SHEET |  |  |
|       | D. BRENT ADDISON<br>P.E. LIC. #70611 | 2/14/2020 | 8381SS              | UTL-DTLS | DBA    | JLS   | DBA     | N.T.S. | 10    |  |  |
| -     |                                      |           |                     |          |        |       |         |        |       |  |  |



Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water. SILT FENCE APPLICATIONS





#### GENERAL NOTES:

1. PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY, APPROPRIATE EROSION CONTROL DEVICES SHALL BE INSTALLED TO CONTROL AND REDUCE SOIL EROSION AND SEDIMENT TRANSPORT TO OFF SITE AREAS. THE CONTRACTOR SHALL MAINTAIN THESE DEVICES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL DEVICES SHALL REMAIN IN PLACE UNTIL THE SURROUNDING AREAS ARE ESTABLISHED.

2. THE FOLLOWING MINIMUM REQUIREMENTS ARE RECOMMENDED: (REFERENCE FLORIDA DEVELOPMENT MANUAL, FDER, PPS 6-301 TO 6-500).

A) BMP 1.01 - TEMPORARY GRAVEL CONSTRUCTION ENTRANCE B) BMP 1.06 - SILT FENCE

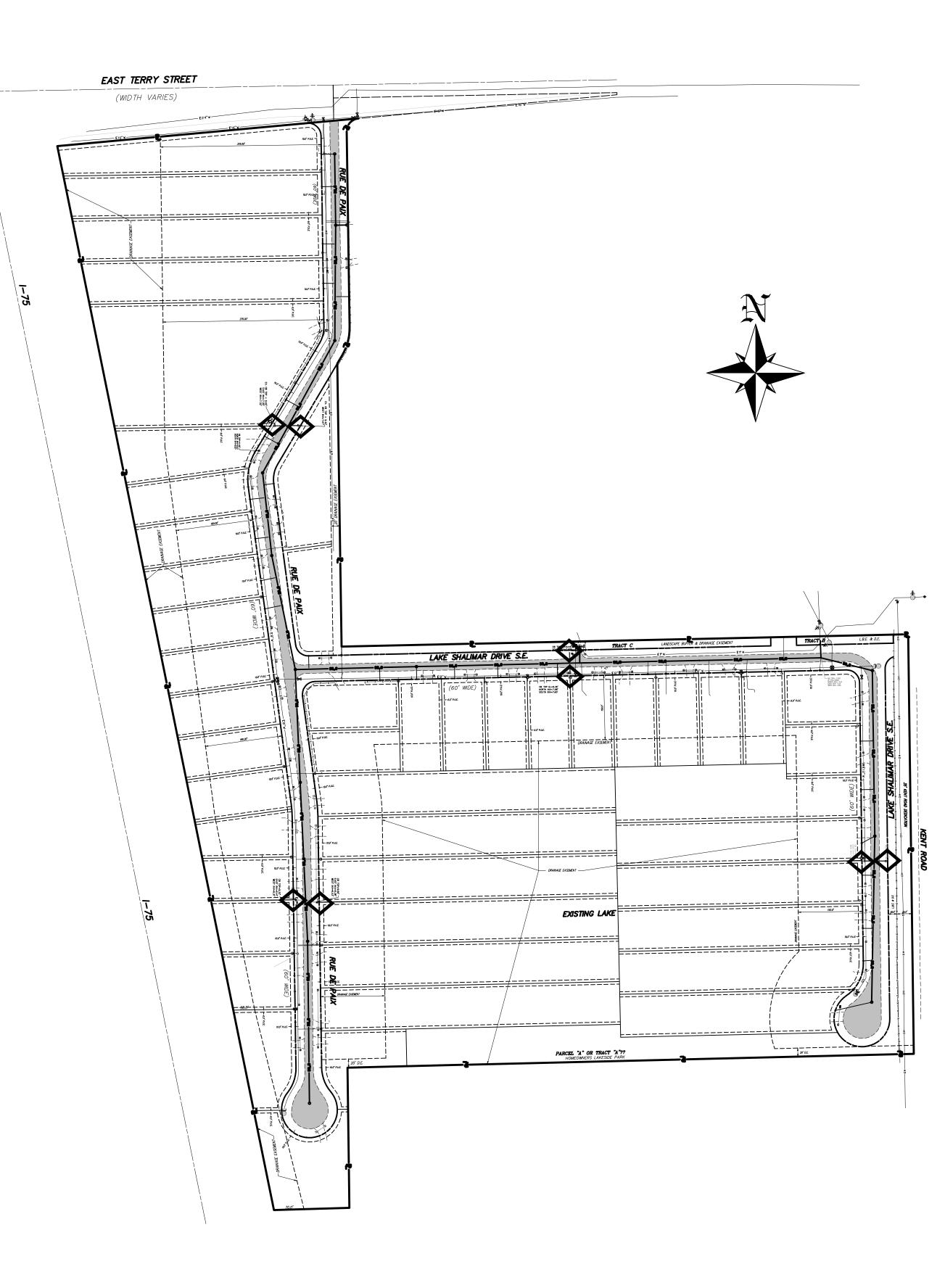
C) BMP 1.08 - STORM INLET DRAIN PROTECTION

3. APPROPRIATE INLET PROTECTION TO PREVENT EROSION IS REQUIRED FOR ALL INLETS THROUGH OUT SITE CONSTRUCTION.

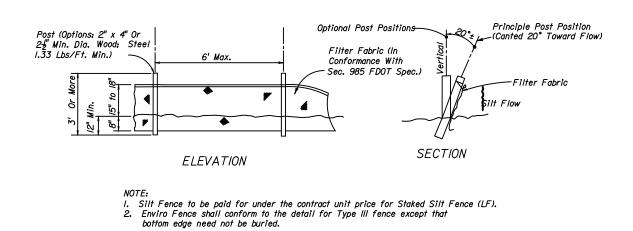
4. SILT FENCE SHALL BE INSTALLED ALONG THE PROPERTY LINE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

5. THE ENTIRE SURFACE WATER MANAGEMENT SYSTEM SHALL BE OWNED AND MAINTAINED BY RONTO DEVELOPMENTS PARKLANDS, INC., UNTIL SUCH TIME THAT THE PROPERTY IS SUBDIVIDED, AND WHEN SUBDIVIDED, A PROPERTY OWNERS ASSOCIATION WILL BE CREATED AND WILL ACCEPT MAINTENANCE OF THE DRAINAGE FACILITIES.

PREPARED FOR:



R, 10511 SIX MILE CYPRESS PARKWAY FORT MYERS, FLORIDA 33966 : (239) 939–5490 FAX: (239) 939–2523 ENGINEERING LICENSE # EB 6469 SURVEY LICENSE # LB 6690 ENGINEERING WWW.BANKSENG.COM Professional Engineers, Planners, & Land Surveyors Serving The State Of Florida REVISION DESCRIPTION



TYPE III SILT FENCE



FOUNDATION CONDITIONS.

-B-B-B-B-B- = STAKED SILT FENCE

PROJECT

8381SS

DRAWING

BMP

LEGEND:

DATE

2/14/2020

D. BRENT ADDISON

P.E. LIC. #70611

- 1. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
- 2. THIS PROJECT PRESENTS NO ADVERSE IMPACTS ON LOCAL GROUND OR

- SURFACE WATERS.

4. NO KNOWN ARCHAEOLOGICAL SITES EXIST WITHIN THE PROJECT AREA.

5. THIS SITE CAN BE USED SAFELY FOR THE DEVELOPMENT AS SHOWN

WITHOUT UNDUE DANGER FROM FLOOD OR ADVERSE SOIL AND / OR

6. THE SUBJECT PARCEL SHOWN HEREON IS NOT LOCATED IN A SPECIAL FLOOD HAZARD

AREA ON THE NATIONAL FLOOD INSURANCE PROGRAM'S FLOOD INSURANCE RATE MAPS.

= STAKED SEDIMENT LOT AT INLETS OR STAKED SILT FENCE

BEST MANAGEMENT PRACTICE PLAN

LAKES OF SANS SOUCI GRAVITY SEWER EXPANSION

LEE COUNTY, FLORIDA

DRAWN

JLS

CHECKED

DBA

SCALE

N.T.S.

SHEET

11

DESIGN

DBA

- 3. THIS PROJECT DOES NOT ADVERSELY EFFECT THE FLOOD PLAIN OR RIVERINE AREA.